

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
 Data File : BF084459.D
 Acq On : 13 Jan 2016 23:28
 Operator : SJ/UM
 Sample : H1083-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-15-010516MSD

Quant Time: Jan 14 11:14:51 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	272147	20.00	ng	-0.07
21) Naphthalene-d8	8.12	136	1146244	20.00	ng	-0.07
38) Acenaphthene-d10	9.87	164	523058	20.00	ng	-0.08
63) Phenanthrene-d10	11.36	188	978581	20.00	ng	-0.07
75) Chrysene-d12	14.00	240	780189	20.00	ng	-0.07
86) Perylene-d12	15.41	264	571120	20.00	ng	-0.09

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1767687	105.06	ng	-0.03
7) Phenol-d6	6.49	99	2288278	108.29	ng	-0.05
23) Nitrobenzene-d5	7.40	82	1555206	75.51	ng	-0.07
41) 2,4,6-Tribromophenol	10.67	330	689392	130.55	ng	-0.07
44) 2-Fluorobiphenyl	9.20	172	2558327	86.13	ng	-0.07
78) Terphenyl-d14	12.95	244	2442313	69.88	ng	-0.07

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	283172	35.53	ng	# 69
3) Pyridine	3.30	79	703046	31.64	ng	# 81
4) n-Nitrosodimethylamine	3.22	42	392482	34.41	ng	# 97
6) Aniline	6.50	93	378865	12.26	ng	# 1
8) 2-Chlorophenol	6.62	128	799988	41.91	ng	95
9) Benzaldehyde	6.38	77	103068	7.49	ng	89
10) Phenol	6.50	94	963484	40.10	ng	91
11) bis(2-Chloroethyl)ether	6.58	93	827771	44.48	ng	87
12) 1,3-Dichlorobenzene	6.77	146	748944	38.03	ng	# 94
13) 1,4-Dichlorobenzene	6.85	146	798976	40.46	ng	95
14) 1,2-Dichlorobenzene	7.00	146	686410	36.30	ng	96
15) Benzyl Alcohol	6.98	79	659988	37.13	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1267550	37.40	ng	89
17) 2-Methylphenol	7.10	107	666898	41.68	ng	97
18) Hexachloroethane	7.34	117	298434	37.79	ng	93
19) n-Nitroso-di-n-propylamine	7.25	70	528246	36.93	ng	# 74
20) 3+4-Methylphenols	7.25	107	744416	39.59	ng	# 58
22) Acetophenone	7.25	105	1092817	39.65	ng	# 94
24) Nitrobenzene	7.42	77	904727	43.31	ng	92
25) Isophorone	7.66	82	1584027	40.21	ng	97
26) 2-Nitrophenol	7.73	139	415710	43.73	ng	# 81
27) 2,4-Dimethylphenol	7.78	122	740340	38.47	ng	93
28) bis(2-Chloroethoxy)methane	7.87	93	999762	41.55	ng	99
29) 2,4-Dichlorophenol	7.98	162	664820	41.47	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	696682	42.10	ng	96
31) Naphthalene	8.14	128	2791890	53.68	ng	97
32) Benzoic acid	7.92	122	475785	39.68	ng	99
33) 4-Chloroaniline	8.19	127	268111	11.25	ng	96
34) Hexachlorobutadiene	8.26	225	363229	38.18	ng	99
35) Caprolactam	8.57	113	132282	24.48	ng	# 53
36) 4-Chloro-3-methylphenol	8.69	107	785060	43.72	ng	94
37) 2-Methylnaphthalene	8.83	142	1516743	40.63	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	624870	41.56	ng	99
40) Hexachlorocyclopentadiene	8.99	237	640095	70.51	ng	98

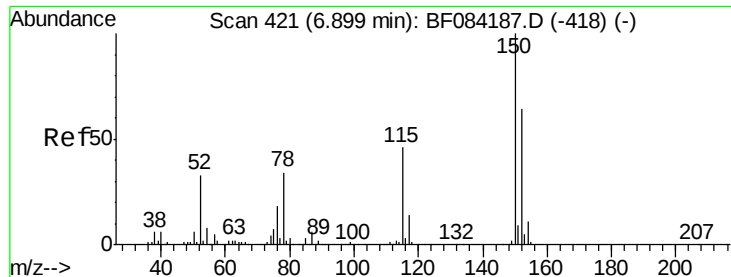
Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	467913	41.59	nq	94
43) 2,4,5-Trichlorophenol	9.16	196	458863	42.55	nq #	89
45) 1,1'-Biphenyl	9.30	154	1755484	42.23	nq	99
46) 2-Chloronaphthalene	9.32	162	1329660	40.72	nq	94
47) 2-Nitroaniline	9.42	65	525070	48.72	nq #	82
48) Acenaphthylene	9.73	152	2117633	43.90	nq	97
49) Dimethylphthalate	9.61	163	1677733	44.87	nq #	90
50) 2,6-Dinitrotoluene	9.66	165	379653	46.29	nq #	66
51) Acenaphthene	9.90	154	1578892	48.79	nq	97
52) 3-Nitroaniline	9.84	138	129141	12.71	nq #	72
53) 2,4-Dinitrophenol	9.94	184	385957	109.12	nq #	81
54) Dibenzofuran	10.09	168	1922549	45.93	nq	97
55) 4-Nitrophenol	10.01	139	555525	75.31	nq #	77
56) 2,4-Dinitrotoluene	10.06	165	458059	44.13	nq #	86
57) Fluorene	10.42	166	1422276	43.82	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	401171	43.57	nq	91
59) Diethylphthalate	10.30	149	1585470	43.00	nq	97
60) 4-Chlorophenyl-phenylether	10.42	204	680604	50.79	nq	95
61) 4-Nitroaniline	10.45	138	403416	44.53	nq #	83
62) Azobenzene	10.58	77	1836078	45.41	nq	94
64) 4,6-Dinitro-2-methylphenol	10.48	198	282739	47.67	nq	95
65) n-Nitrosodiphenylamine	10.53	169	1299636	41.54	nq	99
66) 4-Bromophenyl-phenylether	10.91	248	466316	44.27	nq	99
67) Hexachlorobenzene	10.97	284	464266	39.16	nq #	84
68) Atrazine	11.07	200	444323	43.40	nq	98
69) Pentachlorophenol	11.17	266	522349	84.98	nq	98
70) Phenanthrene	11.38	178	2167359	42.34	nq	96
71) Anthracene	11.44	178	2279951	45.44	nq	97
72) Carbazole	11.60	167	2168771	44.21	nq	97
73) Di-n-butylphthalate	11.93	149	2502869	49.13	nq #	96
74) Fluoranthene	12.57	202	2147779	40.17	nq	98
76) Benzidine	12.69	184	67347	2.41	nq	98
77) Pyrene	12.80	202	2179841	35.60	nq	97
79) Butylbenzylphthalate	13.43	149	1097936	41.44	nq #	85
80) Benzo(a)anthracene	13.99	228	1659113	36.22	nq	98
81) 3,3'-Dichlorobenzidine	13.95	252	387258	24.22	nq #	98
82) Chrysene	14.02	228	1594657	36.22	nq	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	1307153	39.05	nq #	95
84) Di-n-octyl phthalate	14.59	149	2107802	37.30	nq #	88
85) Indeno(1,2,3-cd)pyrene	16.80	276	1380600	39.56	nq	97
87) Benzo(b)fluoranthene	15.04	252	2944047	78.80	nq #	96
88) Benzo(k)fluoranthene	15.04	252	2945441	96.40	nq	99
89) Benzo(a)pyrene	15.36	252	1374748	43.38	nq	98
90) Dibenzo(a,h)anthracene	16.81	278	1155169	42.36	nq	99
91) Benzo(g,h,i)perylene	17.22	276	1190346	42.15	nq	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.07 min

Lab File: BF084459.D

Acq: 13 Jan 2016 23:28

Instrument :

BNA_F

ClientSampleId :

HSR-WC-15-010516MSD

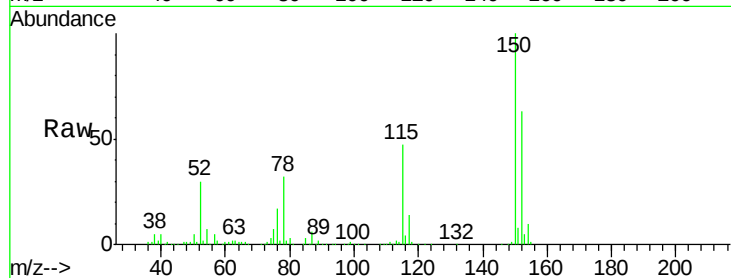
Tot Ion:152 Resp: 272147

Ion Ratio Lower Upper

152 100

150 158.0 123.0 184.4

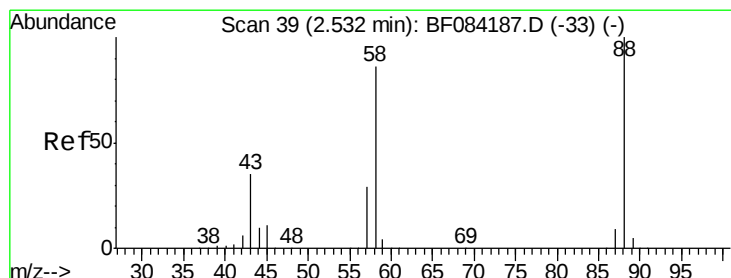
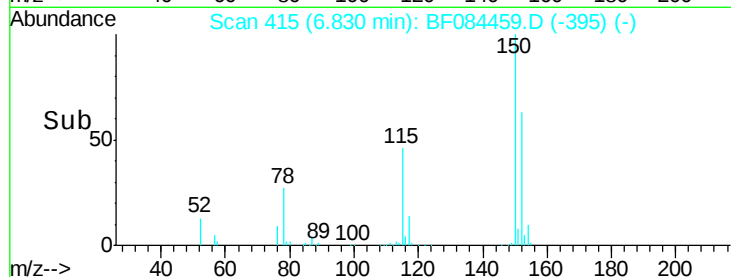
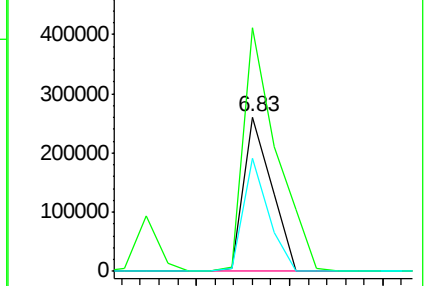
115 73.6 51.4 77.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.53 ng

RT: 2.59 min Scan# 44

Delta R.T. 0.06 min

Lab File: BF084459.D

Acq: 13 Jan 2016 23:28

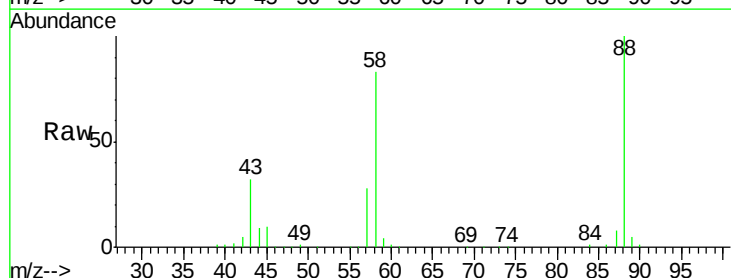
Tgt Ion: 88 Resp: 283172

Ion Ratio Lower Upper

88 100

58 83.0 51.2 76.8#

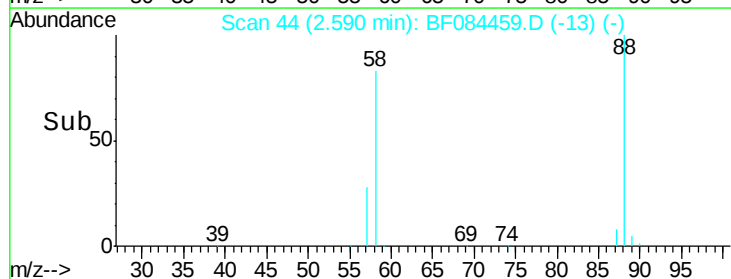
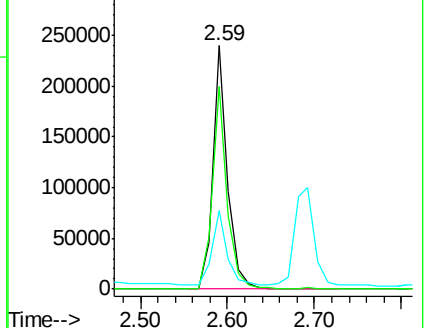
43 0.0 19.5 29.3#

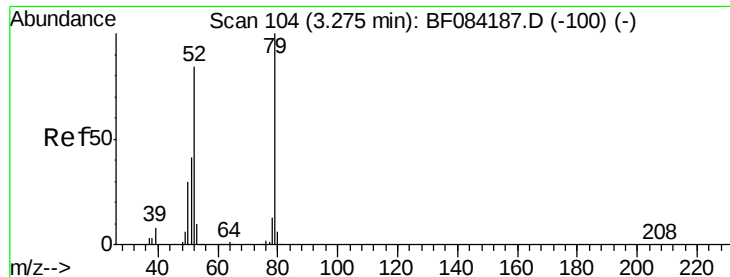


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 31.64 ng

RT: 3.30 min Scan# 106

Delta R.T. 0.02 min

Lab File: BF084459.D

Acq: 13 Jan 2016 23:28

Instrument :

BNA_F

ClientSampleId :

HSR-WC-15-010516MSD

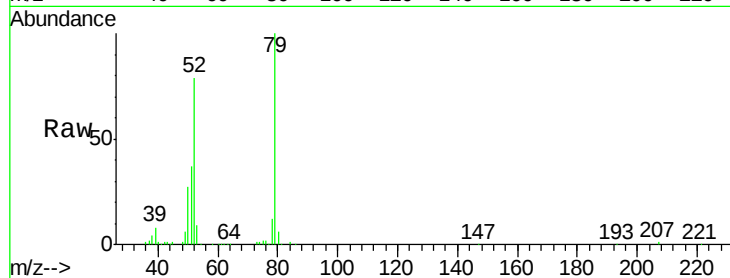
Tot Ion: 79 Resp: 703046

Ion Ratio Lower Upper

79 100

52 78.6 49.0 73.4#

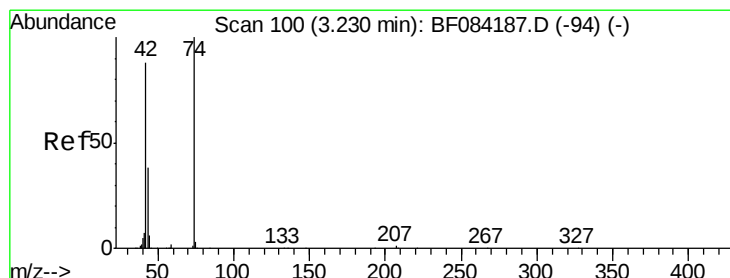
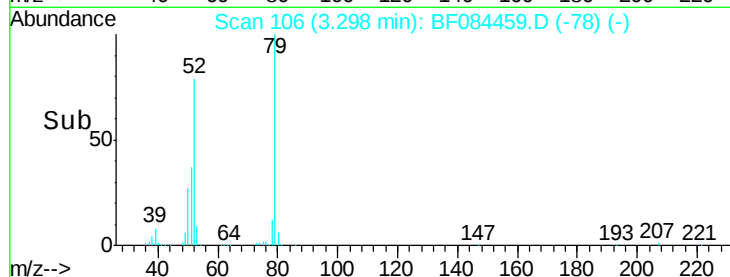
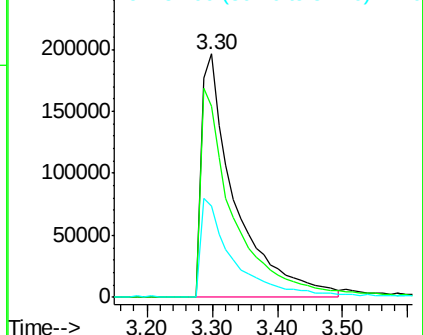
51 37.5 25.2 37.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 34.41 ng

RT: 3.22 min Scan# 99

Delta R.T. -0.01 min

Lab File: BF084459.D

Acq: 13 Jan 2016 23:28

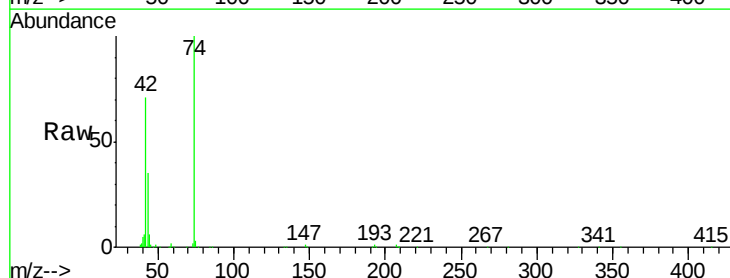
Tgt Ion: 42 Resp: 392482

Ion Ratio Lower Upper

42 100

74 140.7 115.7 173.5

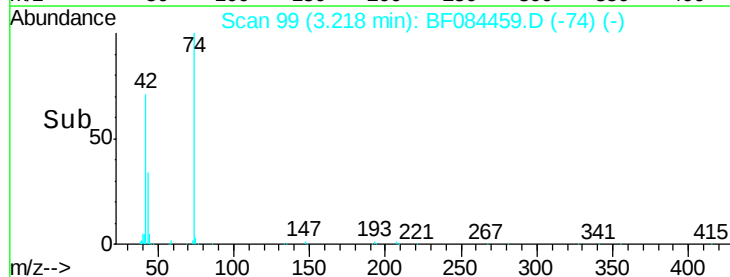
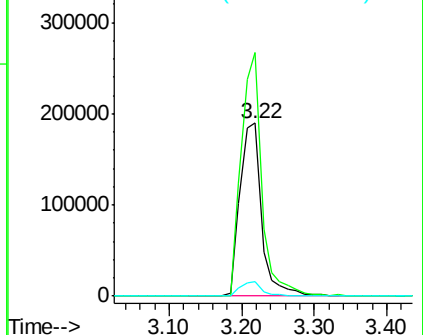
44 8.1 5.1 7.7#

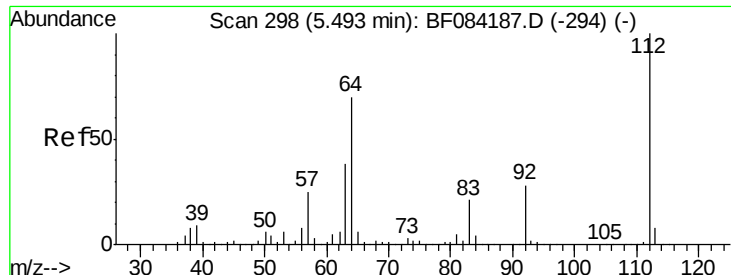


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 105.06 ng

RT: 5.46 min Scan# 295

Delta R.T. -0.03 min

Lab File: BF084459.D

Acq: 13 Jan 2016 23:28

Instrument :

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ClientSampleId :

HSR-WC-15-010516MSD

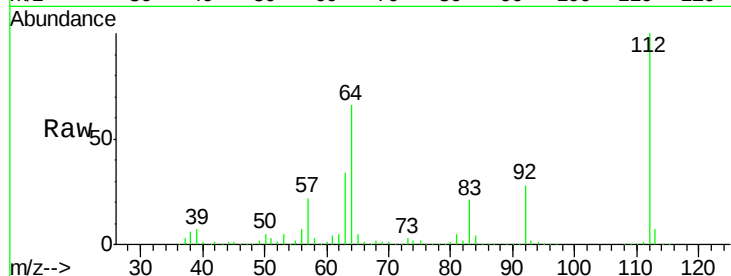
Tot Ion:112 Resp: 1767687

Ion Ratio Lower Upper

112 100

64 65.6 36.6 55.0#

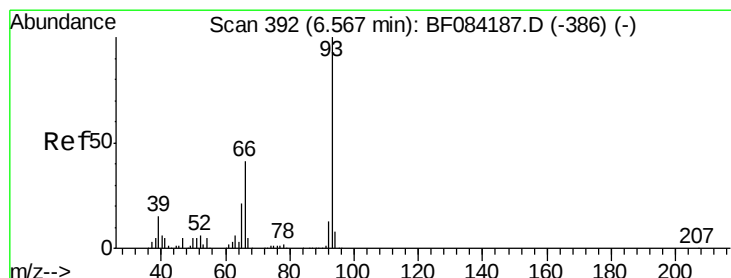
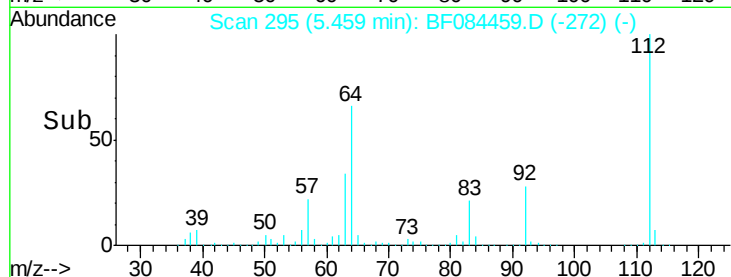
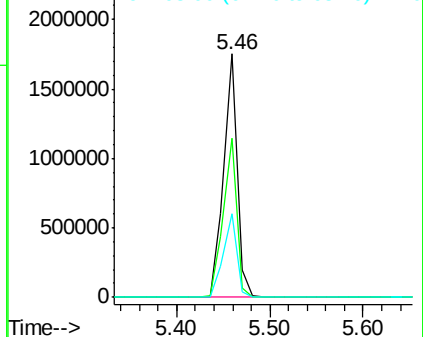
63 34.5 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 12.26 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.07 min

Lab File: BF084459.D

Acq: 13 Jan 2016 23:28

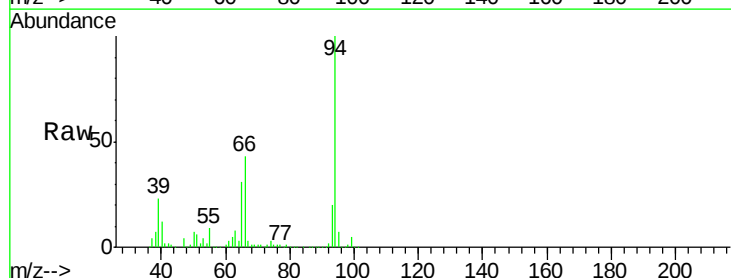
Tgt Ion: 93 Resp: 378865

Ion Ratio Lower Upper

93 100

66 211.1 44.9 67.3#

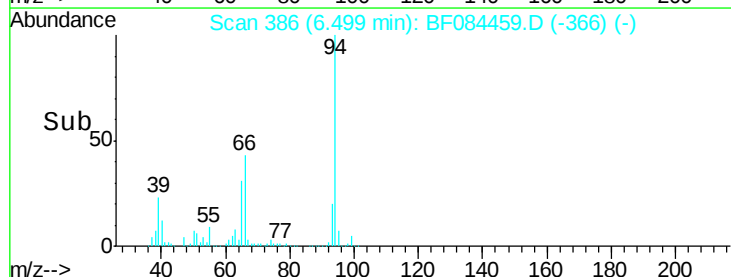
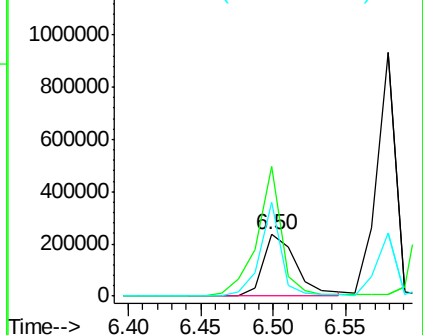
65 153.2 23.7 35.5#

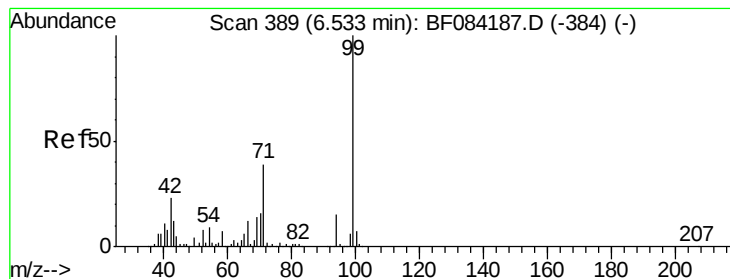


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 108.29 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.05 min

Lab File: BF084459.D

Acq: 13 Jan 2016 23:28

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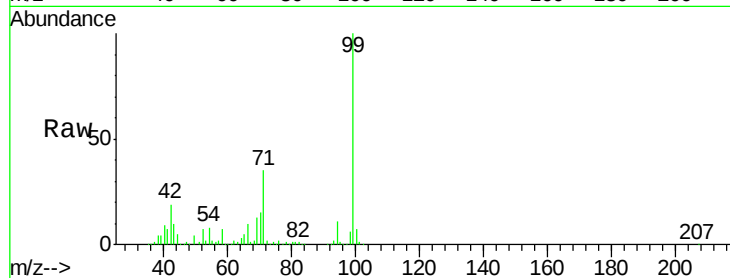
Tot Ion: 99 Resp: 2288278

Ion Ratio Lower Upper

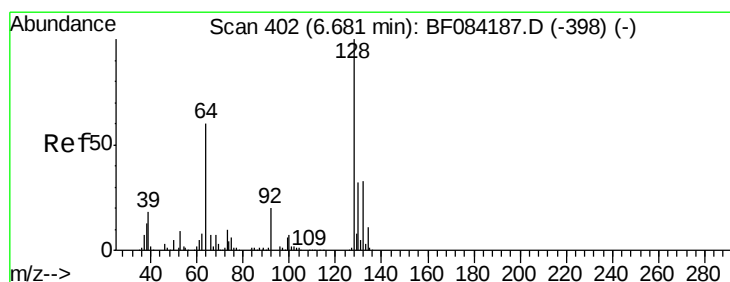
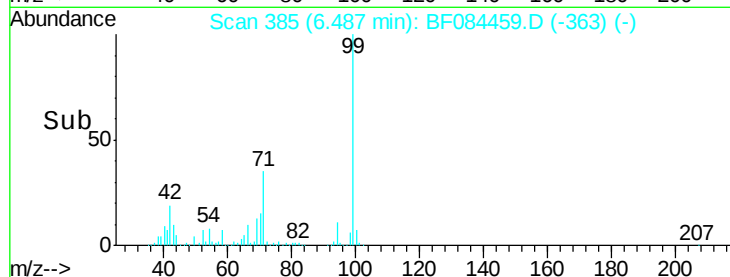
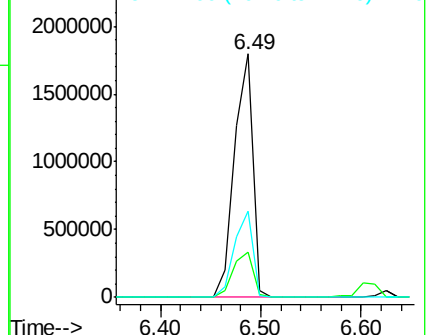
99 100

42 18.7 12.8 19.2

71 35.2 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.91 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.06 min

Lab File: BF084459.D

Acq: 13 Jan 2016 23:28

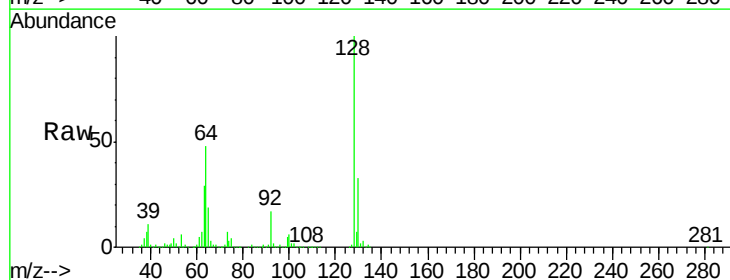
Tgt Ion:128 Resp: 799988

Ion Ratio Lower Upper

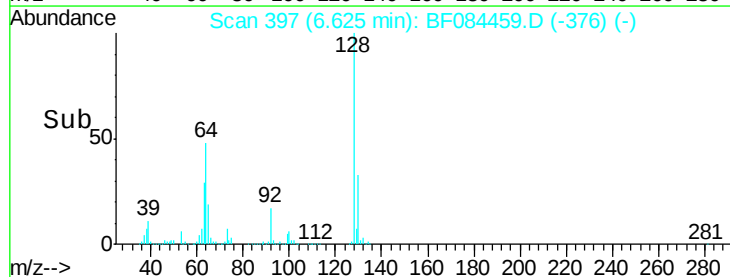
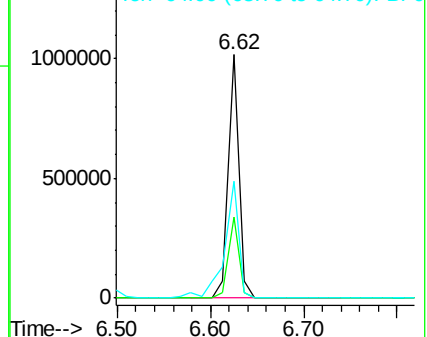
128 100

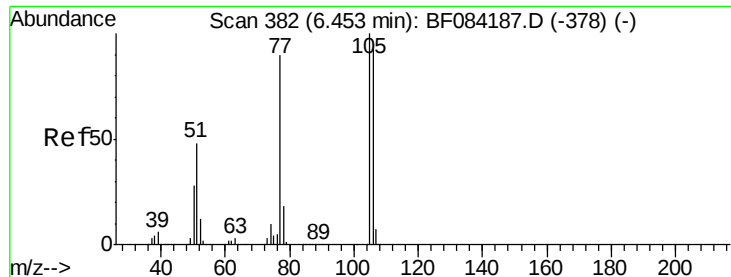
130 33.4 11.6 51.6

64 48.3 23.8 63.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 7.49 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.07 min

Lab File: BF084459.D

Acq: 13 Jan 2016 23:28

Instrument :

BNA_F

ClientSampleId :

HSR-WC-15-010516MSD

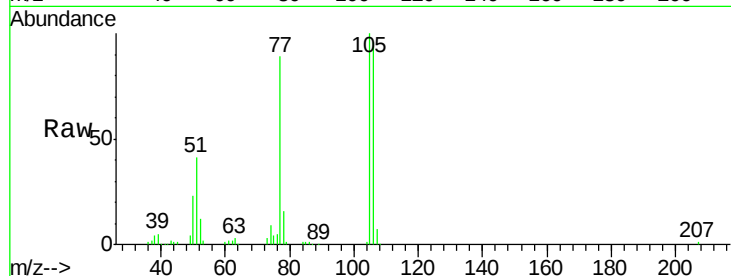
Tot Ion: 77 Resp: 103068

Ion Ratio Lower Upper

77 100

105 112.4 83.0 123.0

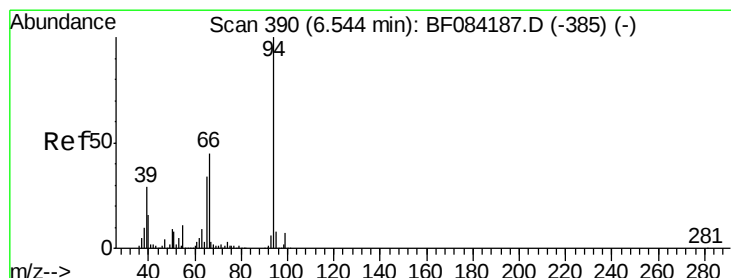
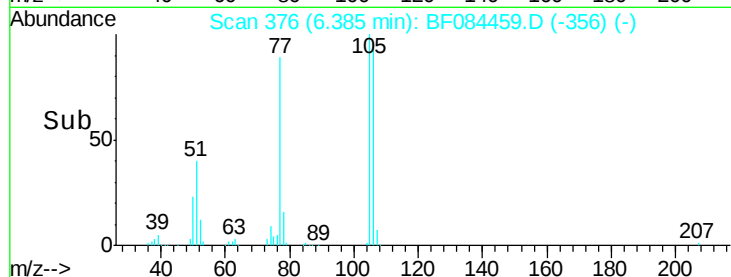
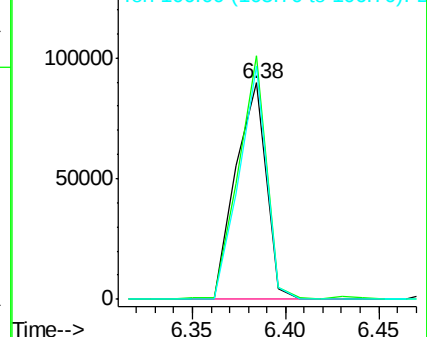
106 107.7 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 40.10 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.05 min

Lab File: BF084459.D

Acq: 13 Jan 2016 23:28

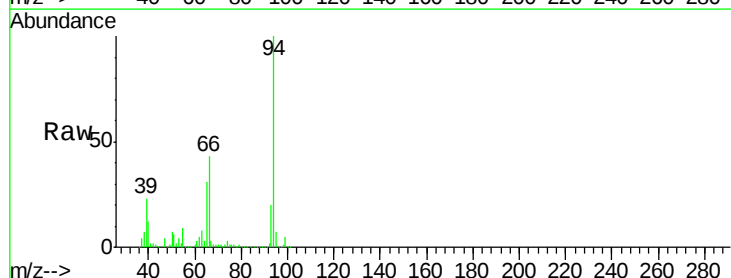
Tgt Ion: 94 Resp: 963484

Ion Ratio Lower Upper

94 100

65 31.4 12.9 52.9

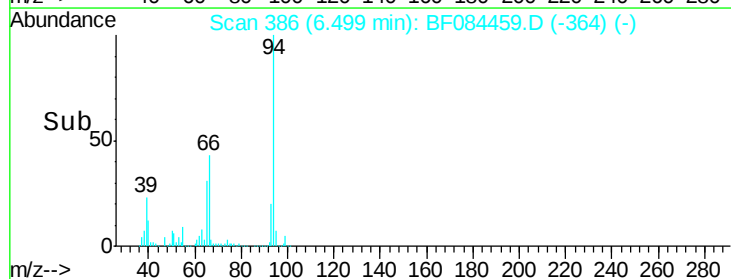
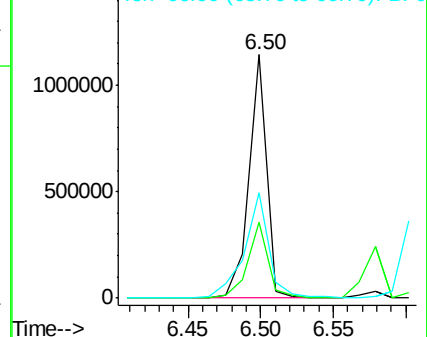
66 43.3 32.7 72.7

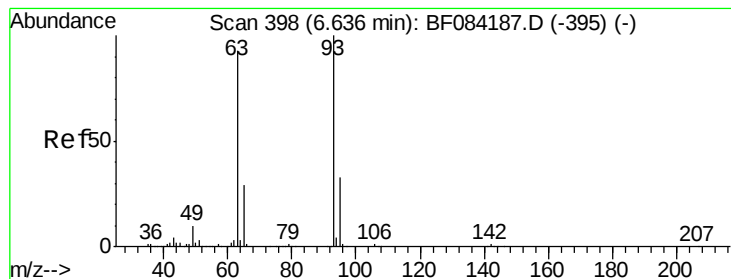


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

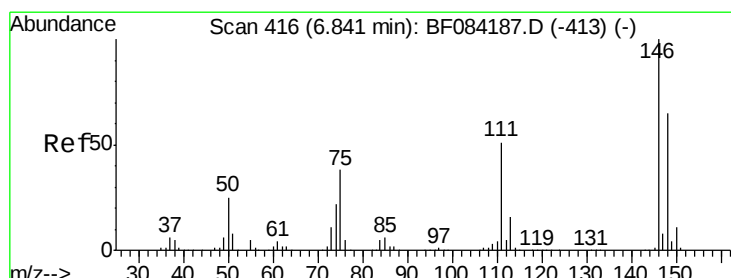
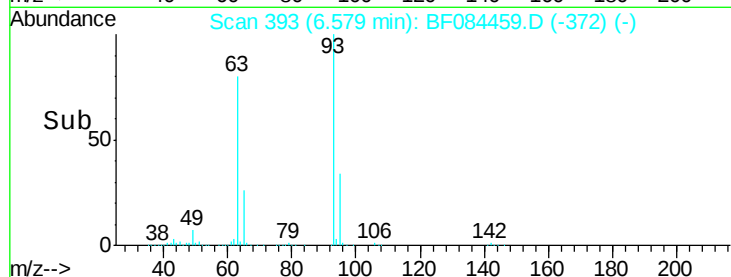
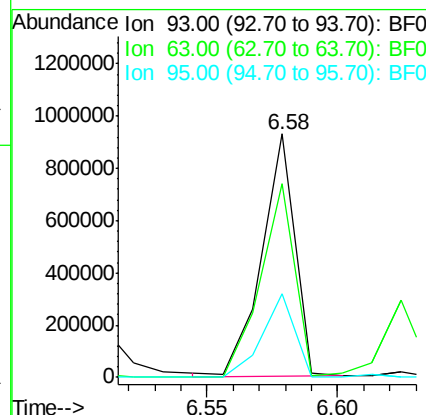
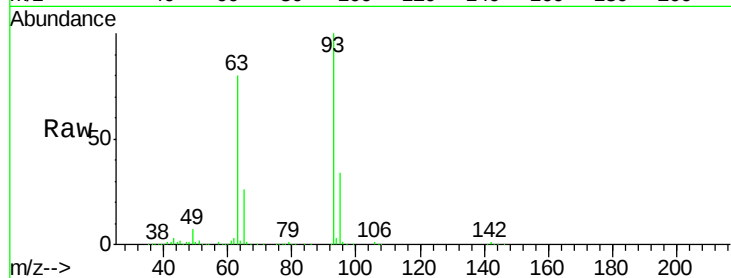




#11
bis(2-Chloroethyl)ether
Concen: 44.48 ng
RT: 6.58 min Scan# 393
Delta R.T. -0.06 min
Lab File: BF084459.D
Acq: 13 Jan 2016 23:28

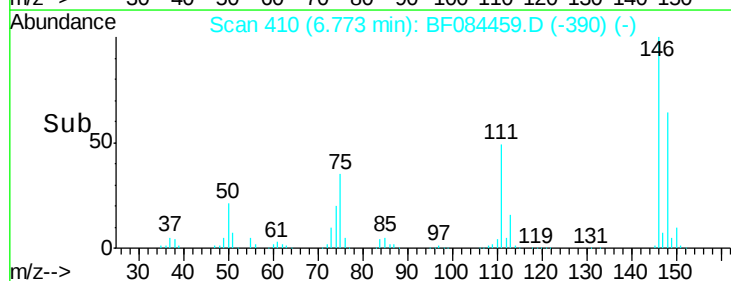
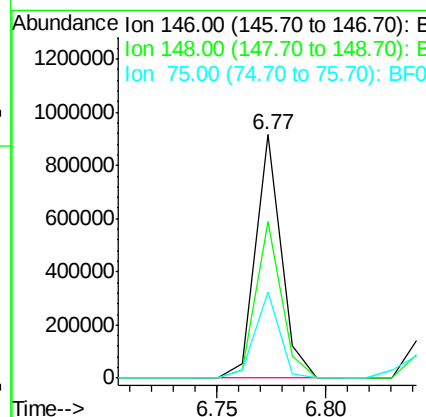
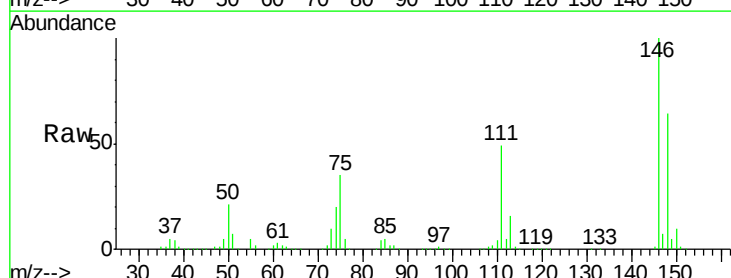
Instrument :
BNA_F
ClientSampleId :
HSR-WC-15-010516MSD

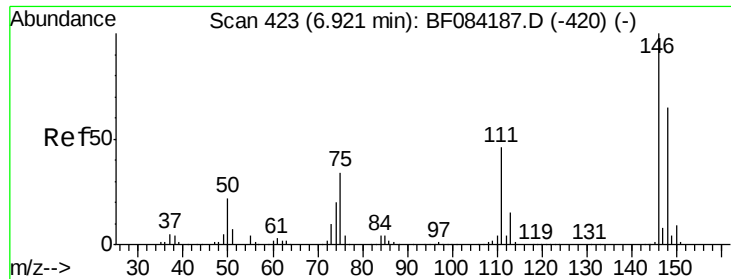
Tot Ion: 93 Resp: 827771
Ion Ratio Lower Upper
93 100
63 79.5 45.9 85.9
95 34.1 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 38.03 ng
RT: 6.77 min Scan# 410
Delta R.T. -0.07 min
Lab File: BF084459.D
Acq: 13 Jan 2016 23:28

Tgt Ion: 146 Resp: 748944
Ion Ratio Lower Upper
146 100
148 64.1 51.9 77.9
75 35.4 20.5 30.7#

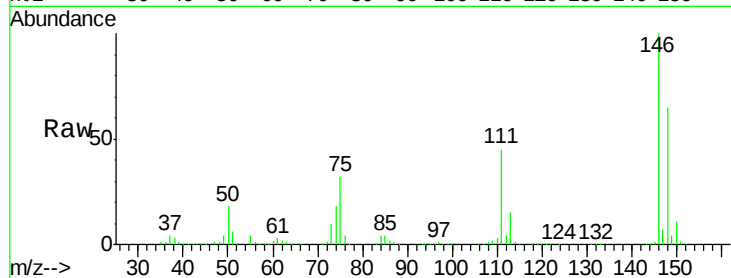




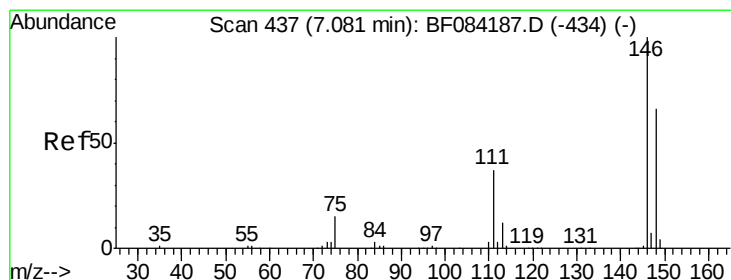
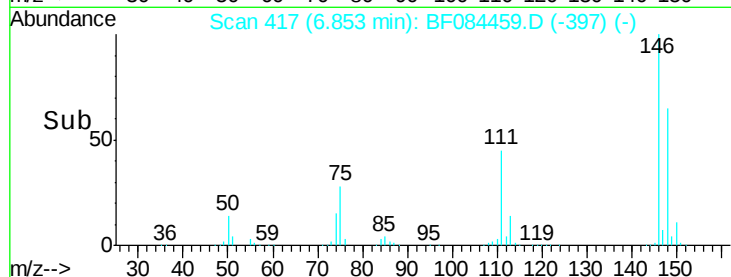
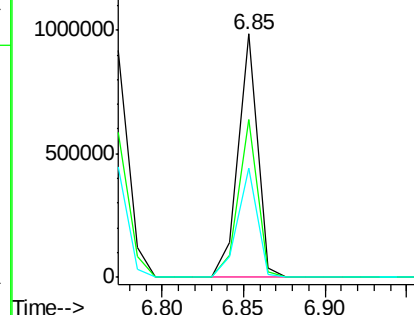
#13
 1,4-Dichlorobenzene
 Concen: 40.46 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.07 min
 Lab File: BF084459.D
 Acq: 13 Jan 2016 23:28

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-15-010516MSD

Tot Ion:146 Resp: 798976
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.9 77.9
 111 44.7 41.6 62.4

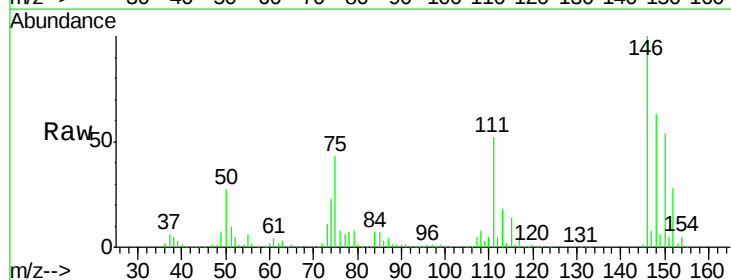


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

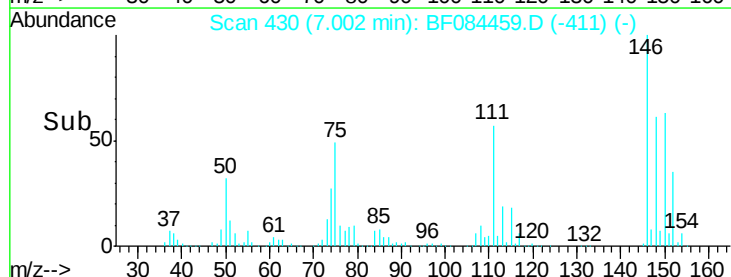
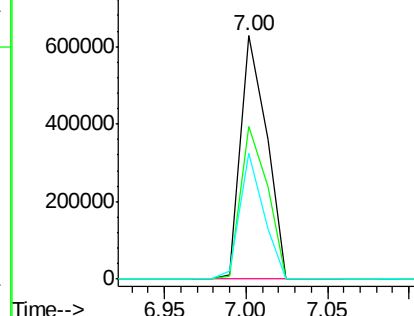


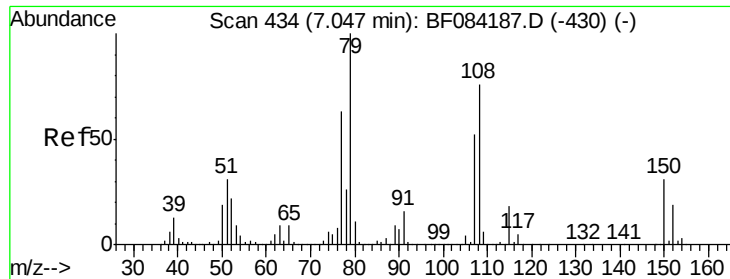
#14
 1,2-Dichlorobenzene
 Concen: 36.30 ng
 RT: 7.00 min Scan# 430
 Delta R.T. -0.08 min
 Lab File: BF084459.D
 Acq: 13 Jan 2016 23:28

Tgt Ion:146 Resp: 686410
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.6 77.4
 111 51.8 38.0 57.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.13 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.07 min

Lab File: BF084459.D

Acq: 13 Jan 2016 23:28

Instrument :

BNA_F

ClientSampleId :

HSR-WC-15-010516MSD

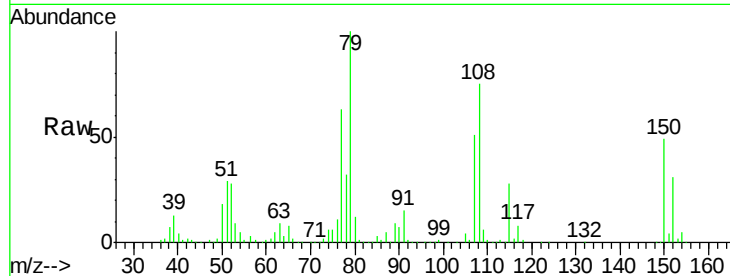
Tot Ion: 79 Resp: 659988

Ion Ratio Lower Upper

79 100

108 75.1 69.0 103.4

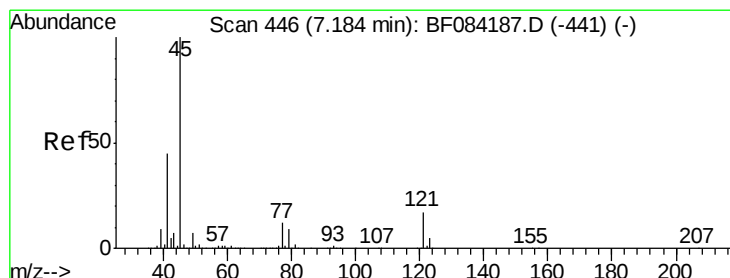
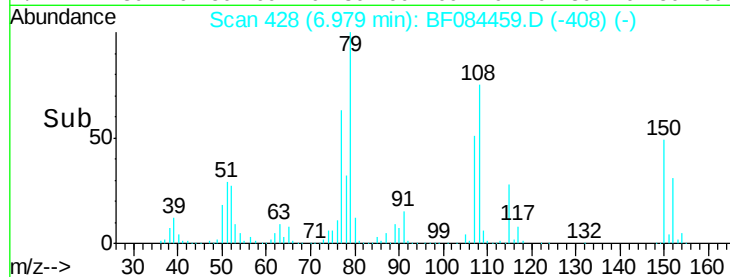
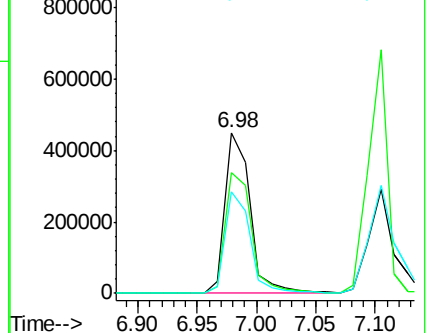
77 62.9 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.40 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.07 min

Lab File: BF084459.D

Acq: 13 Jan 2016 23:28

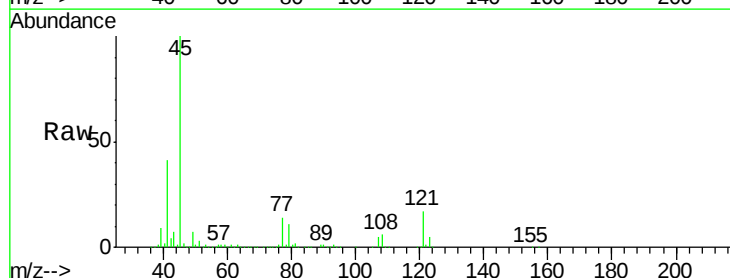
Tgt Ion: 45 Resp: 1267550

Ion Ratio Lower Upper

45 100

77 14.1 0.0 39.6

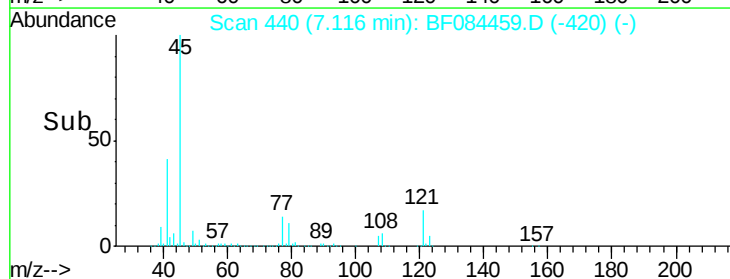
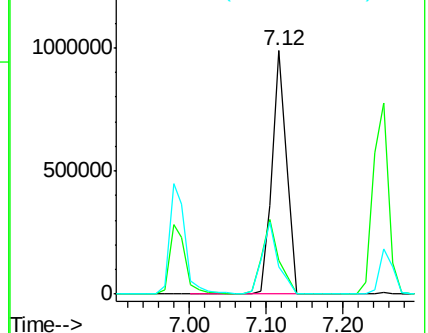
79 11.0 0.0 35.0

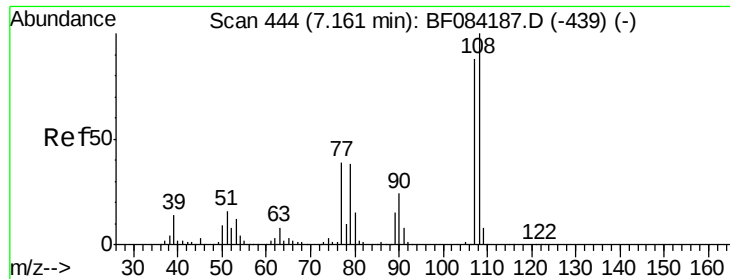


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

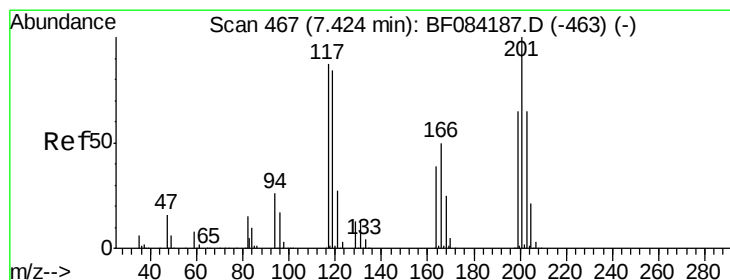
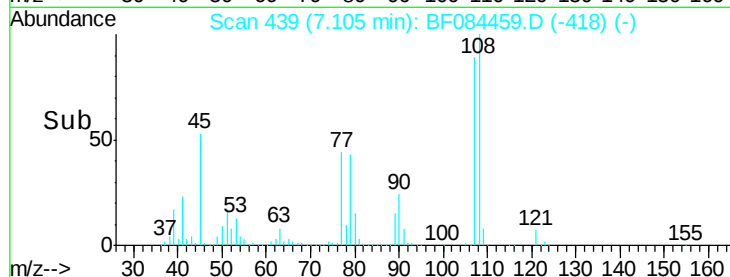
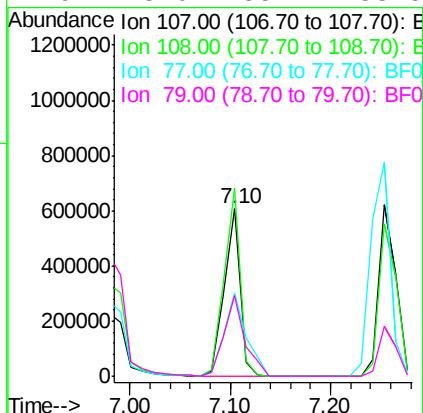
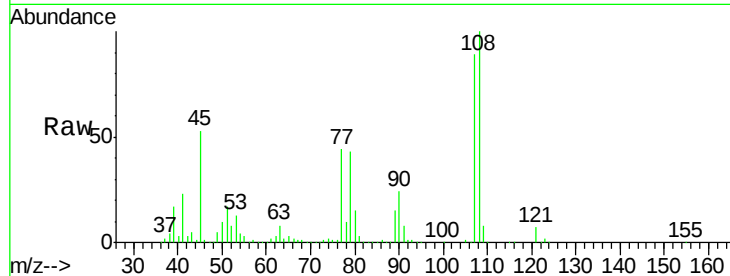




#17
2-Methylphenol
Concen: 41.68 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.06 min
Lab File: BF084459.D
Acq: 13 Jan 2016 23:28

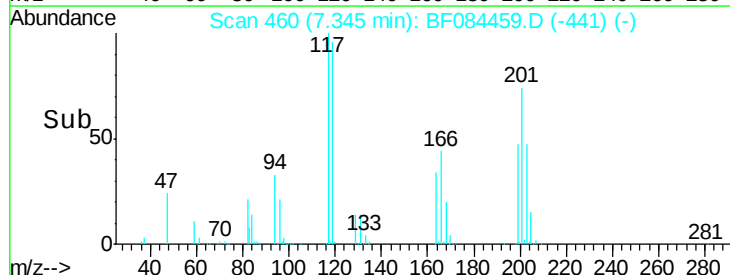
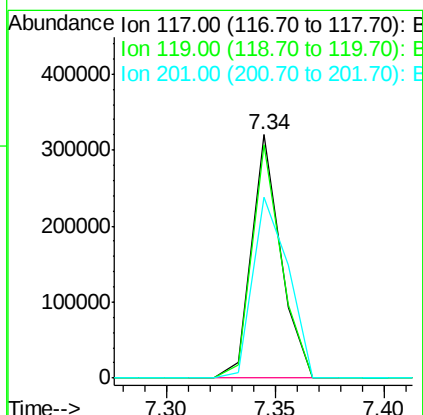
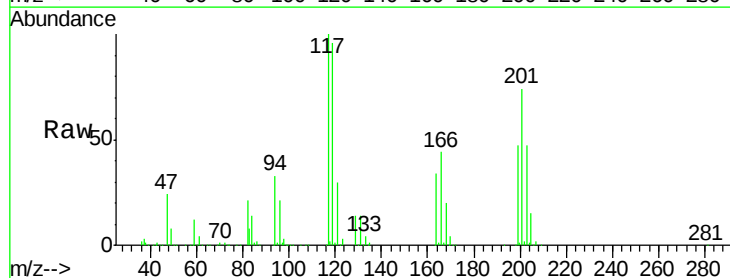
Instrument :
BNA_F
ClientSampleId :
HSR-WC-15-010516MSD

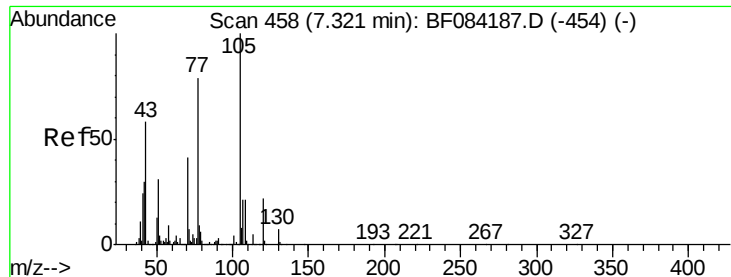
Tot Ion:107 Resp: 666898
Ion Ratio Lower Upper
107 100
108 112.5 89.8 134.6
77 49.9 35.7 53.5
79 48.0 35.7 53.5



#18
Hexachloroethane
Concen: 37.79 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.08 min
Lab File: BF084459.D
Acq: 13 Jan 2016 23:28

Tgt Ion:117 Resp: 298434
Ion Ratio Lower Upper
117 100
119 95.8 77.4 116.0
201 74.1 68.6 103.0

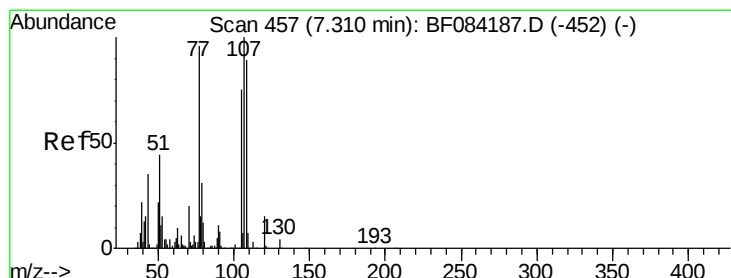
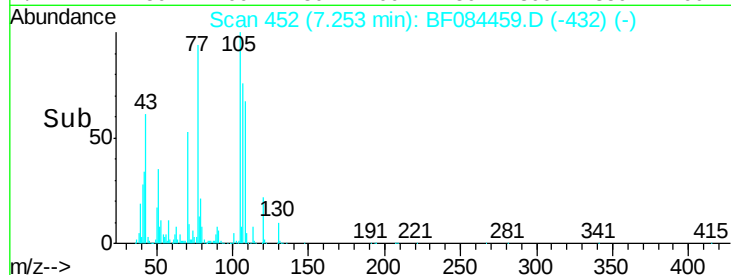
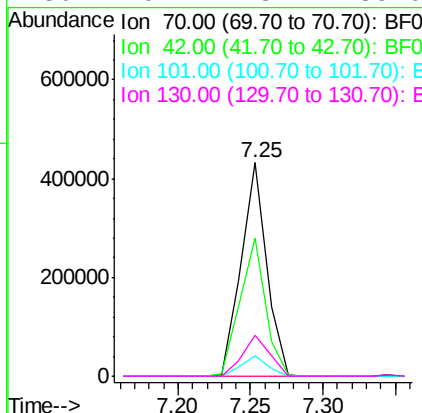
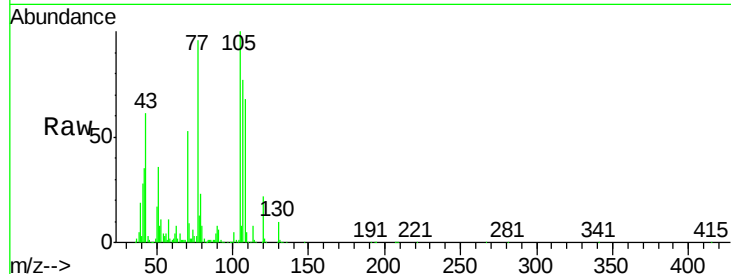




#19
n-Nitroso-di-n-propylamine
Concen: 36.93 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.07 min
Lab File: BF084459.D
Acq: 13 Jan 2016 23:28

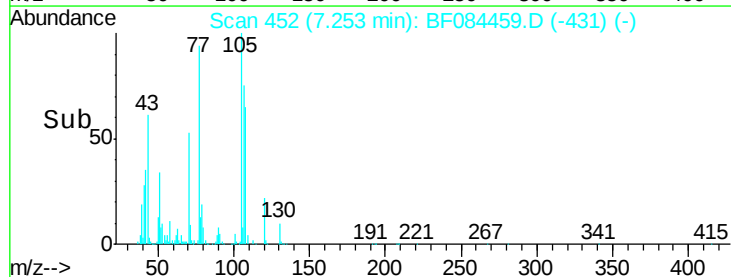
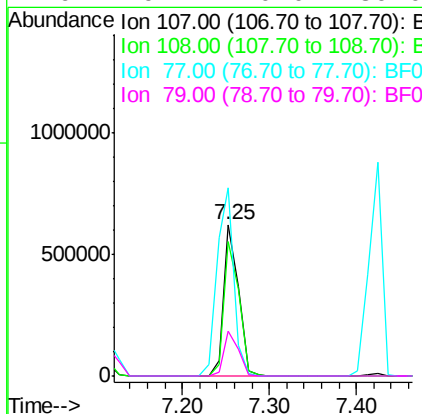
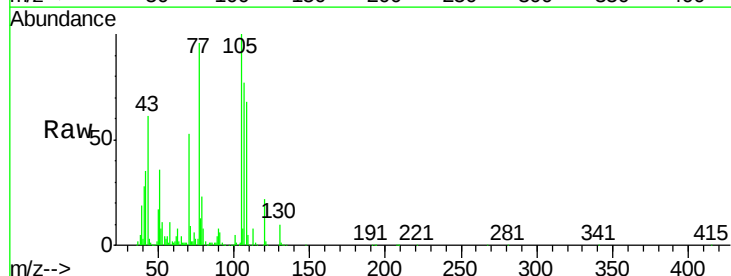
Instrument :
BNA_F
ClientSampleId :
HSR-WC-15-010516MSD

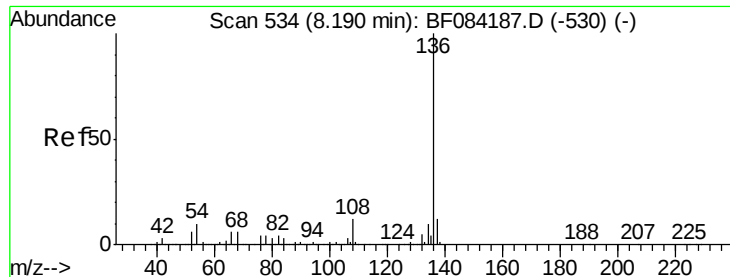
Tot Ion: 70 Resp: 528246
Ion Ratio Lower Upper
70 100
42 64.7 33.3 49.9#
101 9.4 9.3 13.9
130 19.1 23.4 35.0#



#20
3+4-Methylphenols
Concen: 39.59 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.06 min
Lab File: BF084459.D
Acq: 13 Jan 2016 23:28

Tgt Ion:107 Resp: 744416
Ion Ratio Lower Upper
107 100
108 88.7 74.6 114.6
77 124.2 0.7 40.7#
79 29.4 0.0 39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.07 min

Lab File: BF084459.D

Acq: 13 Jan 2016 23:28

Instrument :

BNA_F

ClientSampleId :

HSR-WC-15-010516MSD

Tot Ion:136 Resp: 1146244

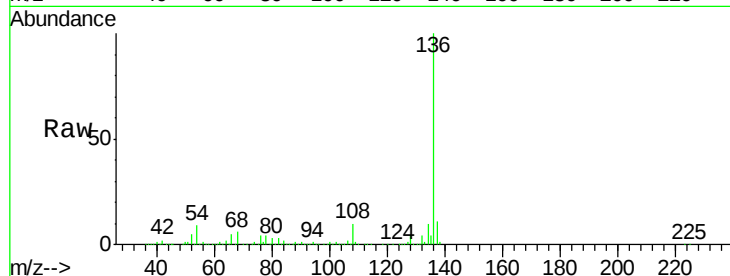
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 8.8 5.8 8.8#

68 5.8 4.2 6.2

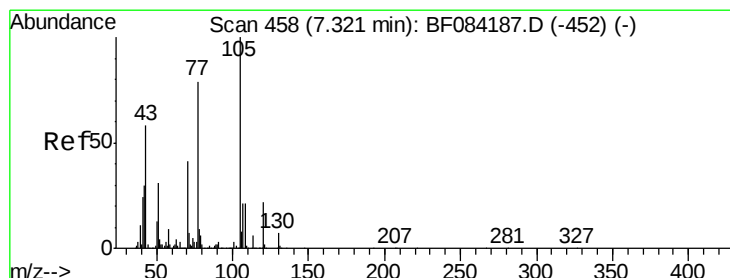
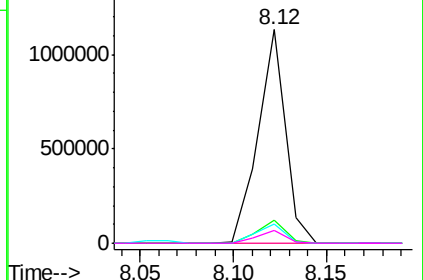
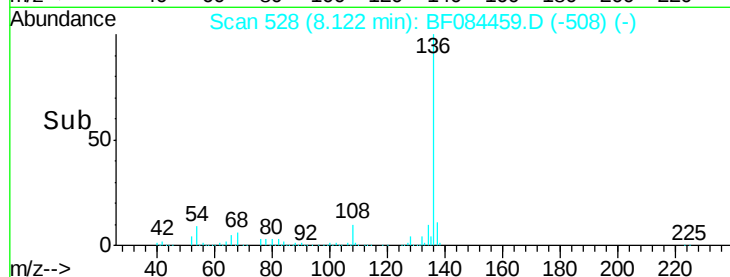


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.65 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.07 min

Lab File: BF084459.D

Acq: 13 Jan 2016 23:28

Tgt Ion:105 Resp: 1092817

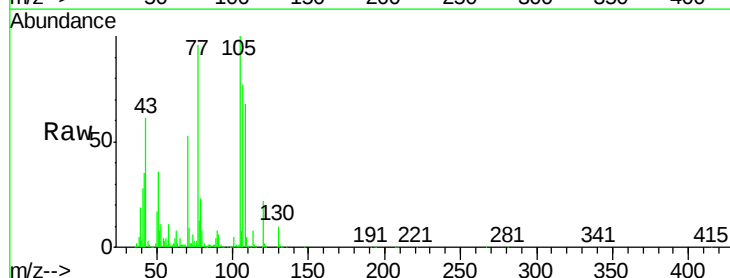
Ion Ratio Lower Upper

105 100

71 9.0 3.7 5.5#

51 35.8 25.1 37.7

120 21.8 16.6 25.0

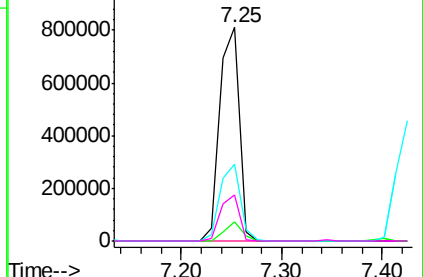
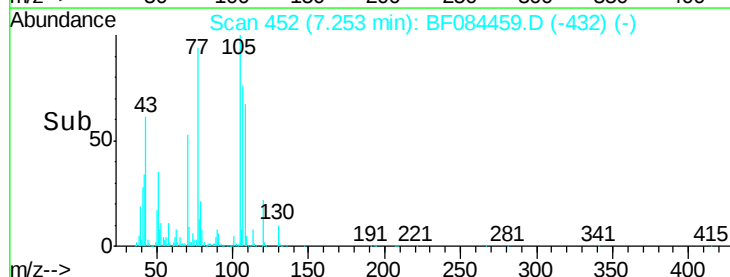


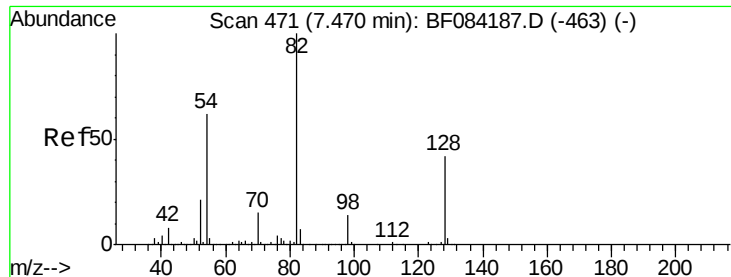
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

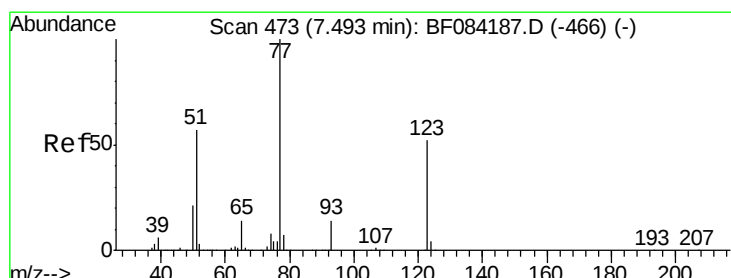
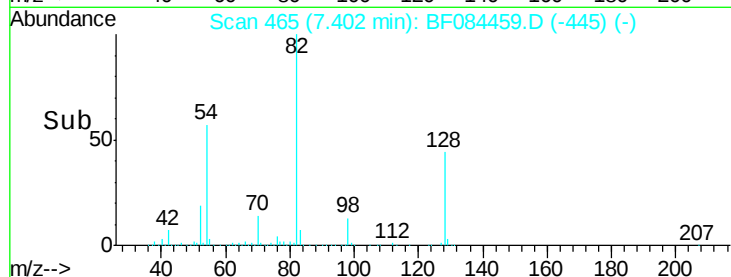
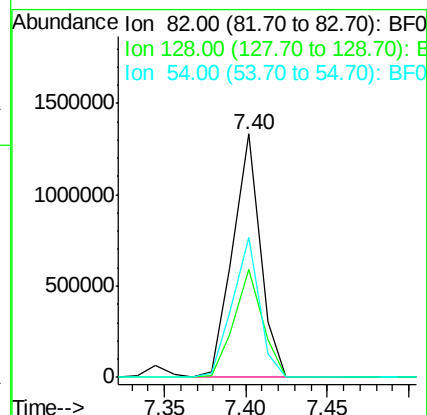
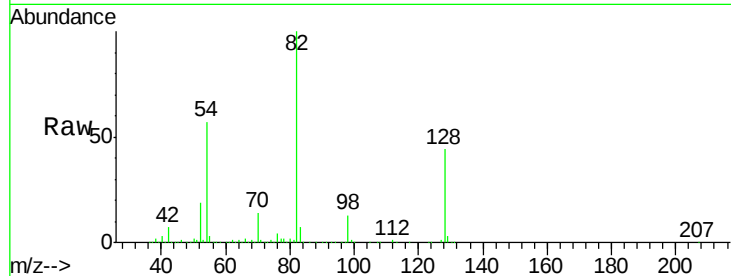




#23
 Nitrobenzene-d5
 Concen: 75.51 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.07 min
 Lab File: BF084459.D
 Acq: 13 Jan 2016 23:28

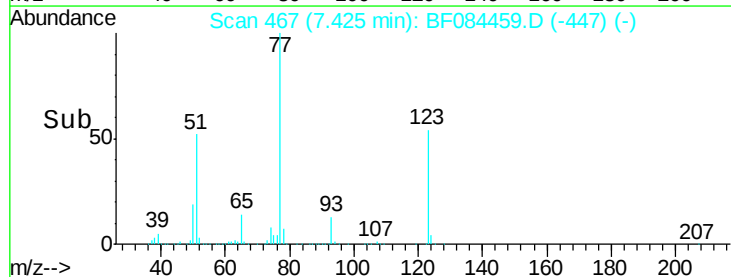
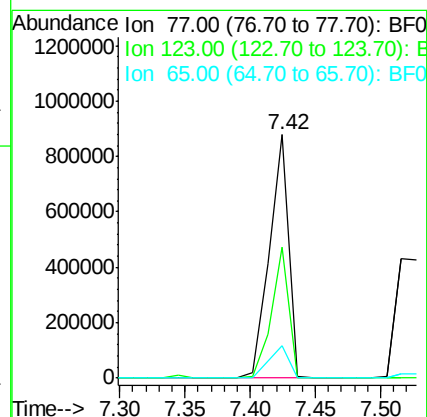
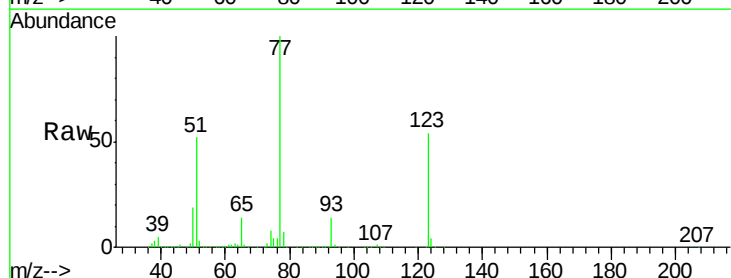
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-15-010516MSD

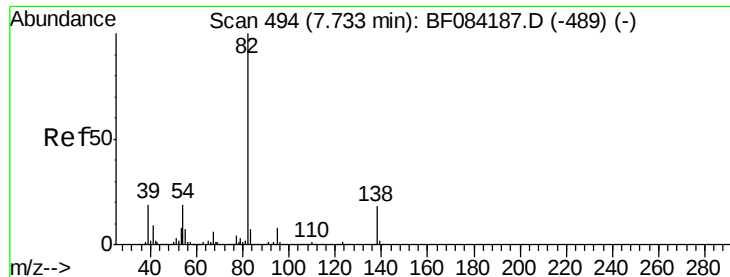
Tot Ion: 82 Resp: 1555206
 Ion Ratio Lower Upper
 82 100
 128 44.2 34.6 51.8
 54 57.4 38.4 57.6



#24
 Nitrobenzene
 Concen: 43.31 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.07 min
 Lab File: BF084459.D
 Acq: 13 Jan 2016 23:28

Tgt Ion: 77 Resp: 904727
 Ion Ratio Lower Upper
 77 100
 123 53.8 37.4 56.2
 65 13.5 10.9 16.3





#25

Isophorone

Concen: 40.21 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.07 min

Lab File: BF084459.D

Acq: 13 Jan 2016 23:28

Instrument :

BNA_F

ClientSampleId :

HSR-WC-15-010516MSD

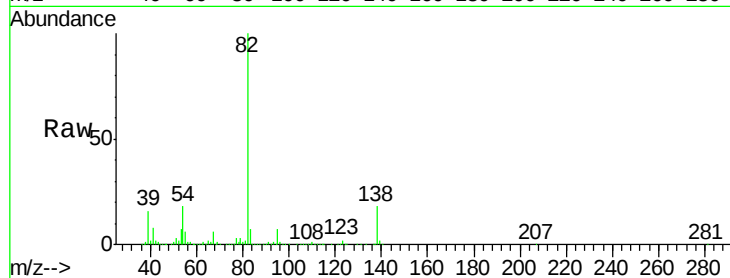
Tot Ion: 82 Resp: 1584027

Ion	Ratio	Lower	Upper
82	100		
95	7.4	6.6	10.0
138	18.3	13.6	20.4

82 100

95 7.4 6.6 10.0

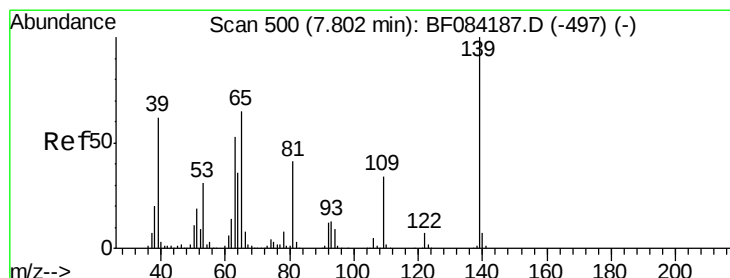
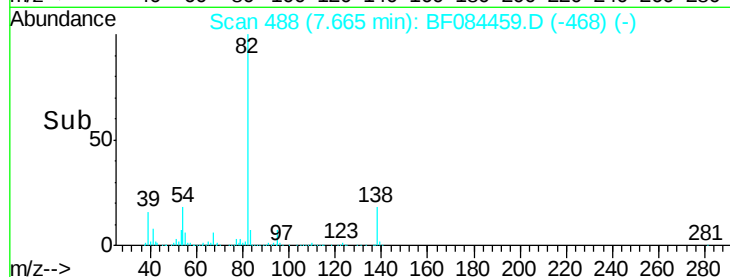
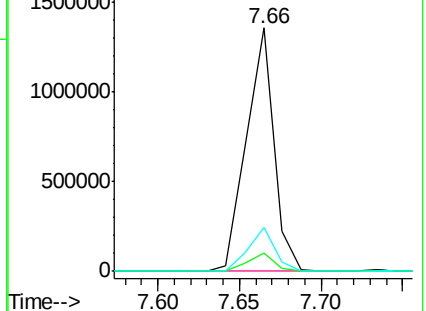
138 18.3 13.6 20.4



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 43.73 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.07 min

Lab File: BF084459.D

Acq: 13 Jan 2016 23:28

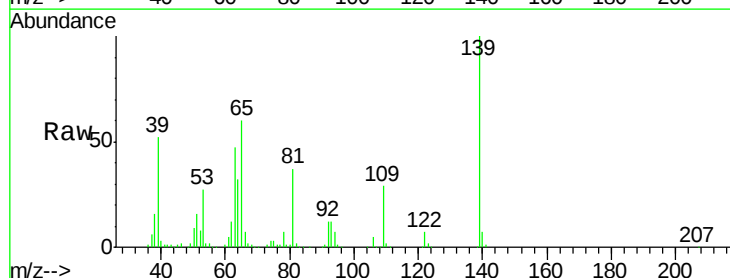
Tgt Ion: 139 Resp: 415710

Ion	Ratio	Lower	Upper
139	100		
109	29.2	25.4	38.2
65	59.7	32.3	48.5#

139 100

109 29.2 25.4 38.2

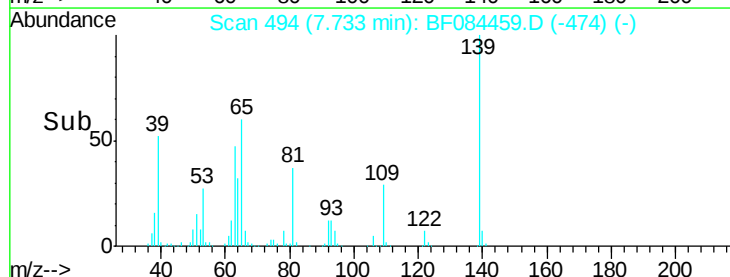
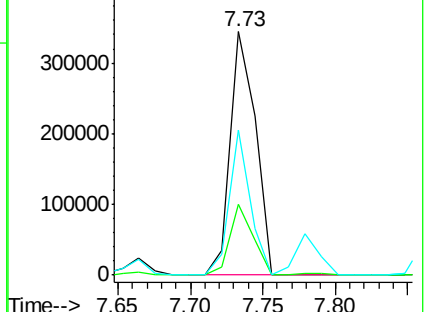
65 59.7 32.3 48.5#

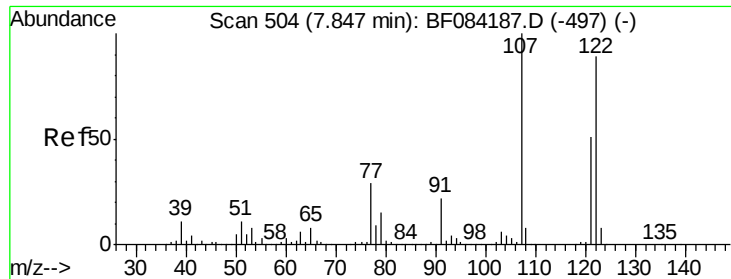


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 38.47 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.07 min

Lab File: BF084459.D

Acq: 13 Jan 2016 23:28

Instrument :

BNA_F

ClientSampleId :

HSR-WC-15-010516MSD

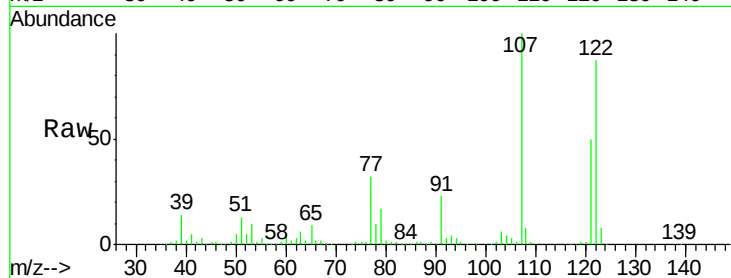
Tot Ion:122 Resp: 740340

Ion Ratio Lower Upper

122 100

107 114.5 99.1 148.7

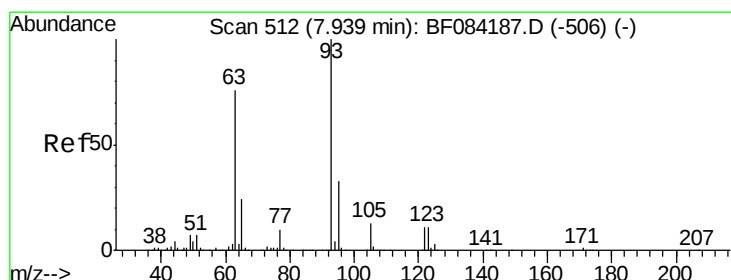
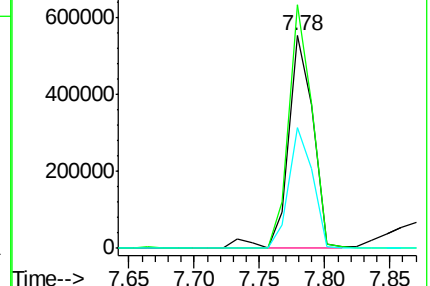
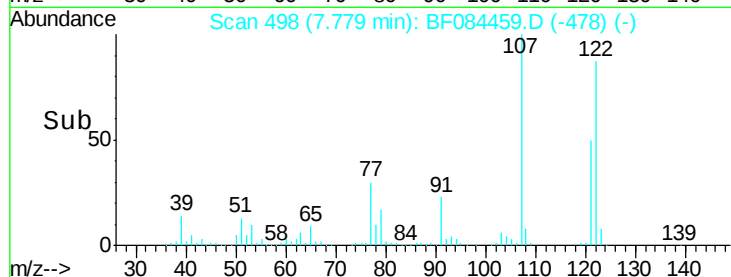
121 57.0 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.55 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.07 min

Lab File: BF084459.D

Acq: 13 Jan 2016 23:28

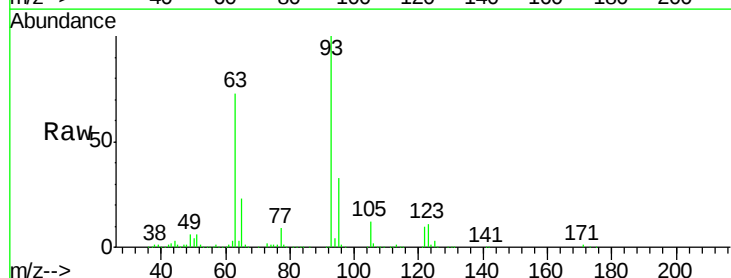
Tgt Ion: 93 Resp: 999762

Ion Ratio Lower Upper

93 100

95 32.8 25.8 38.6

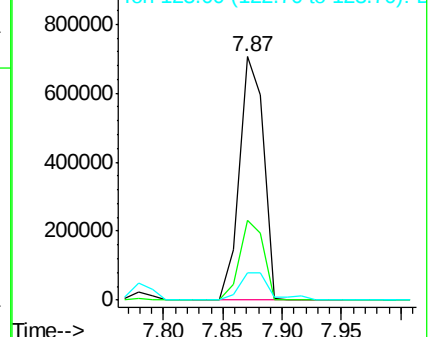
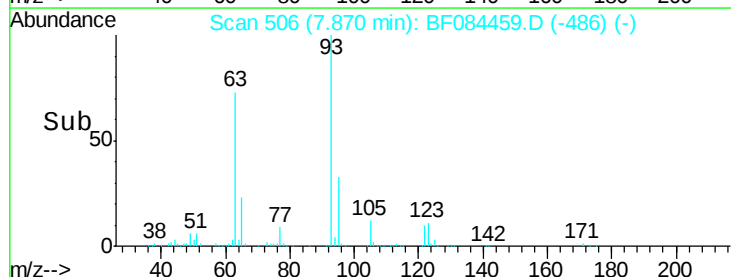
123 11.0 8.6 12.8

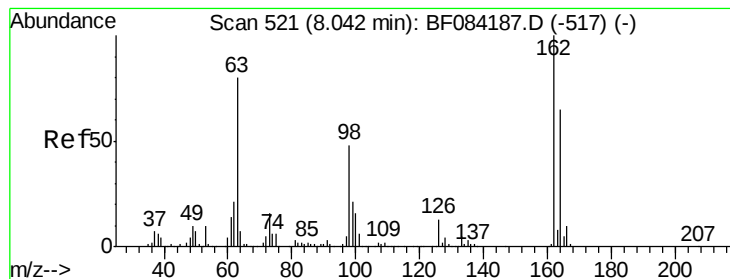


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.47 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.06 min

Lab File: BF084459.D

Acq: 13 Jan 2016 23:28

Instrument :

BNA_F

ClientSampleId :

HSR-WC-15-010516MSD

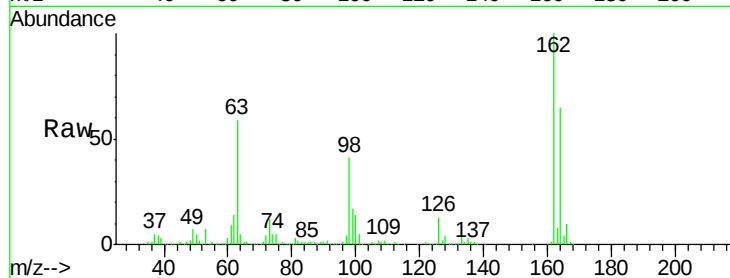
Tot Ion:162 Resp: 664820

Ion Ratio Lower Upper

162 100

164 65.4 44.1 84.1

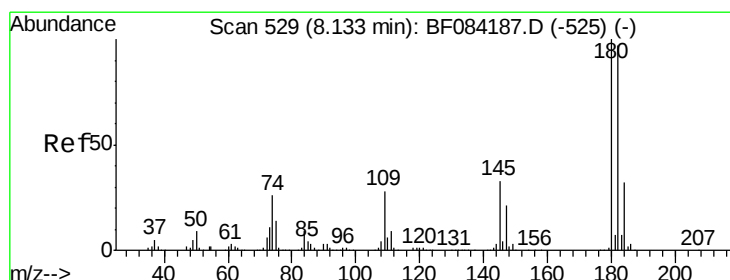
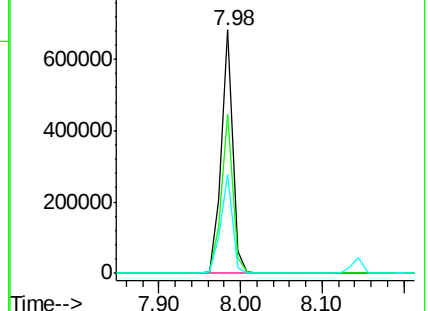
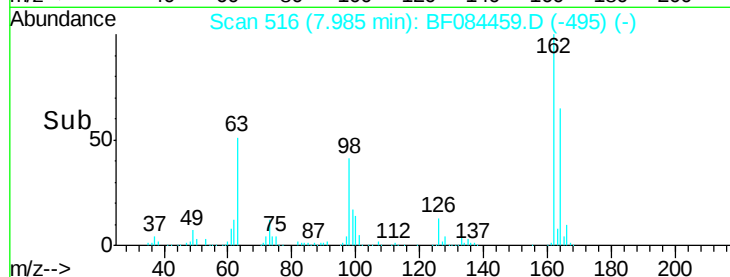
98 40.6 20.2 60.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 42.10 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.07 min

Lab File: BF084459.D

Acq: 13 Jan 2016 23:28

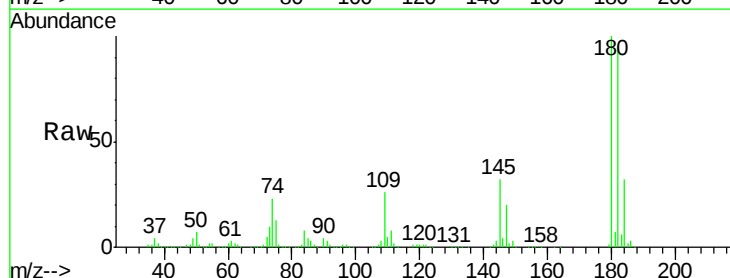
Tgt Ion:180 Resp: 696682

Ion Ratio Lower Upper

180 100

182 95.4 76.4 114.6

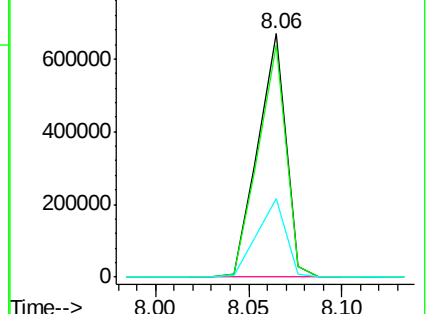
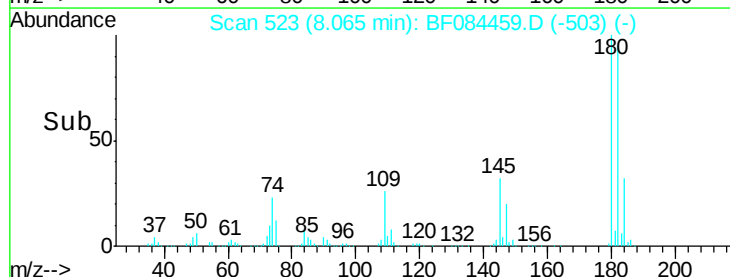
145 32.1 31.6 47.4

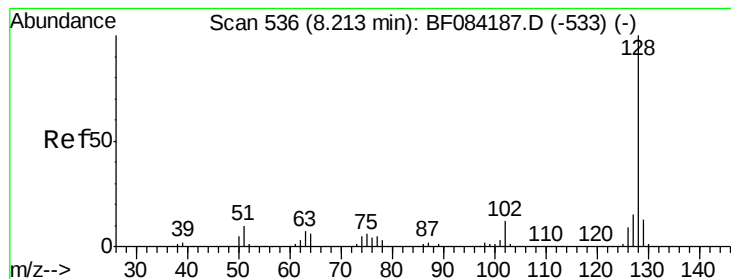


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 53.68 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.07 min

Lab File: BF084459.D

Acq: 13 Jan 2016 23:28

Instrument :

BNA_F

ClientSampleId :

HSR-WC-15-010516MSD

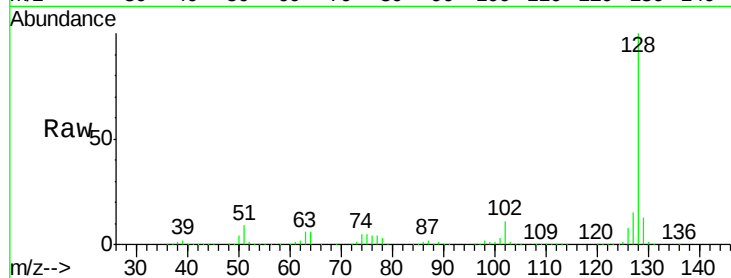
Tot Ion:128 Resp: 2791890

Ion Ratio Lower Upper

128 100

129 12.7 9.1 13.7

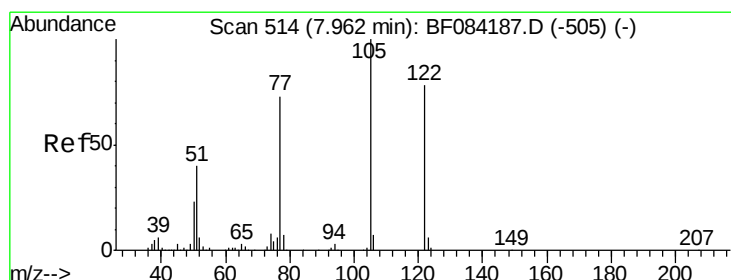
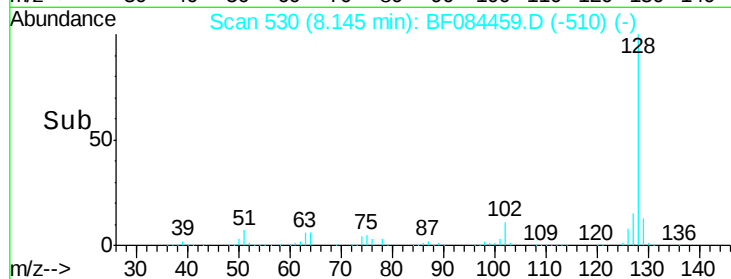
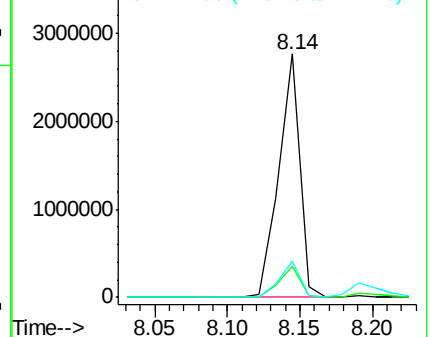
127 15.1 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.68 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.04 min

Lab File: BF084459.D

Acq: 13 Jan 2016 23:28

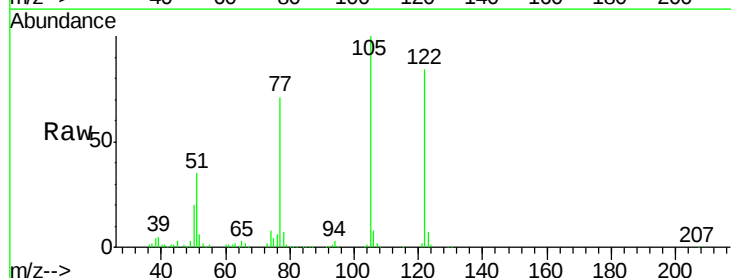
Tgt Ion:122 Resp: 475785

Ion Ratio Lower Upper

122 100

105 119.7 100.3 140.3

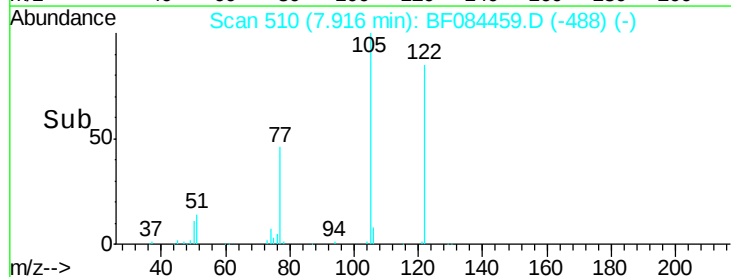
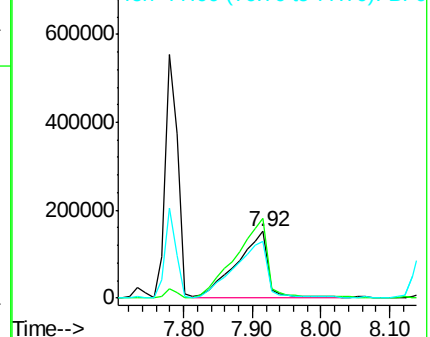
77 85.6 63.5 103.5

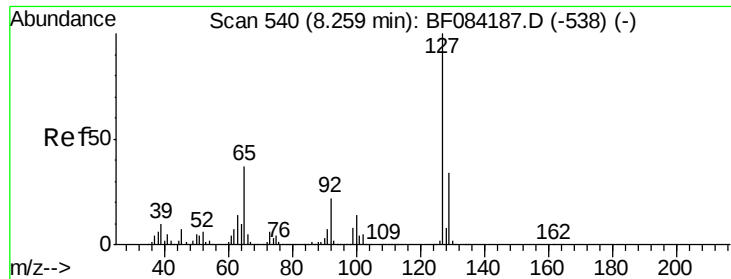


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

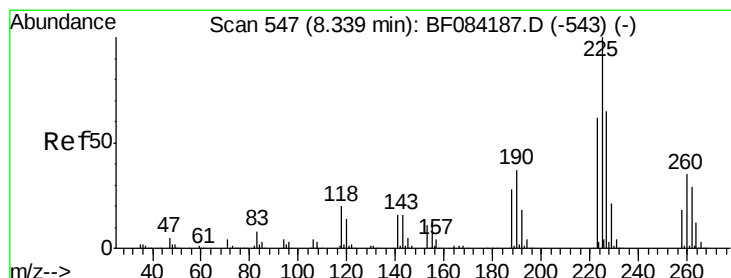
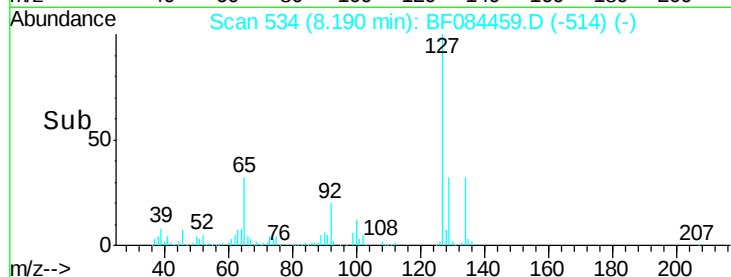
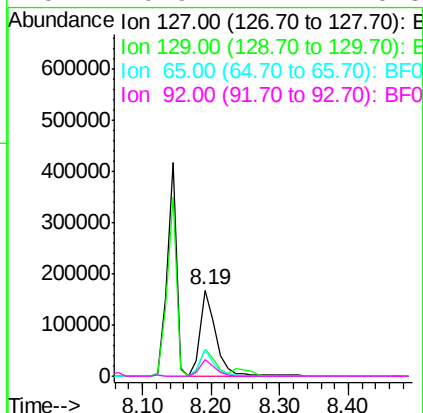
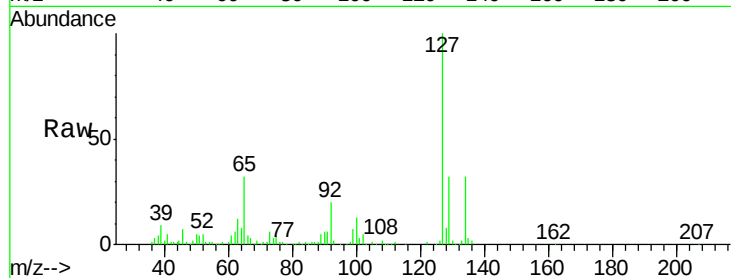




#33
4-Chloroaniline
Concen: 11.25 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.07 min
Lab File: BF084459.D
Acq: 13 Jan 2016 23:28

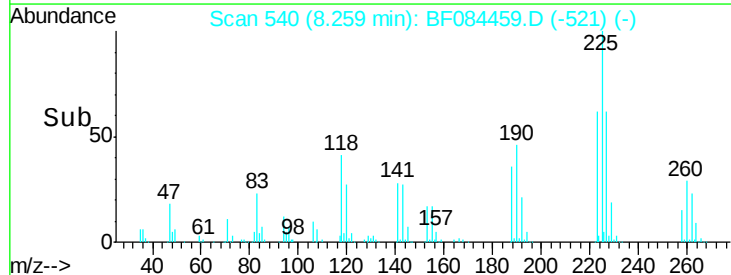
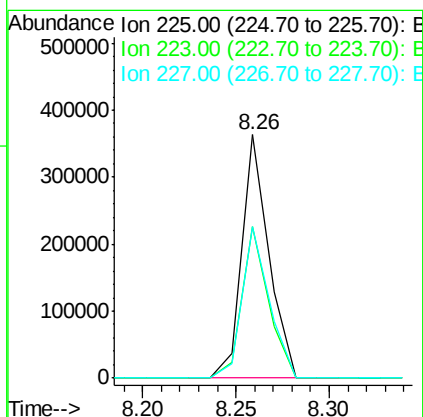
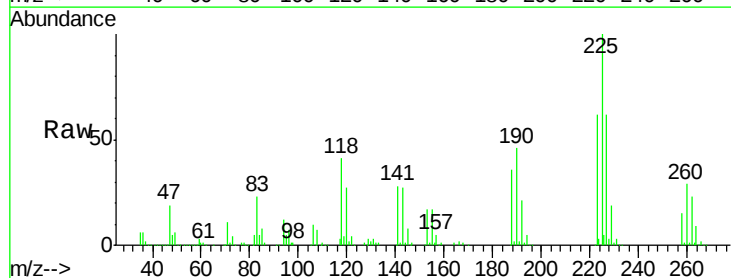
Instrument :
BNA_F
ClientSampleId :
HSR-WC-15-010516MSD

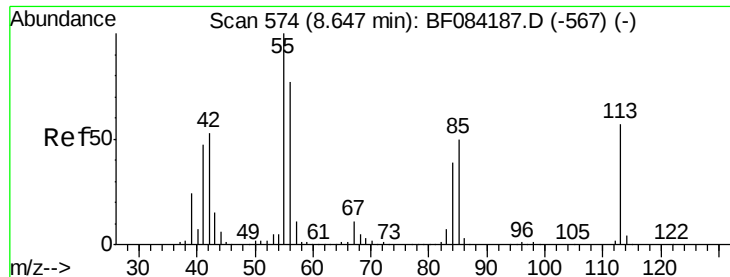
Tot Ion:	127	Resp:	268111
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.5	39.7
65	31.8	27.2	40.8
92	19.9	17.7	26.5



#34
Hexachlorobutadiene
Concen: 38.18 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.08 min
Lab File: BF084459.D
Acq: 13 Jan 2016 23:28

Tgt Ion:	225	Resp:	363229
Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.4	74.0
227	62.0	50.8	76.2





#35

Caprolactam

Concen: 24.48 ng

RT: 8.57 min Scan# 567

Delta R.T. -0.08 min

Lab File: BF084459.D

Acq: 13 Jan 2016 23:28

Instrument :

BNA_F

ClientSampleId :

HSR-WC-15-010516MSD

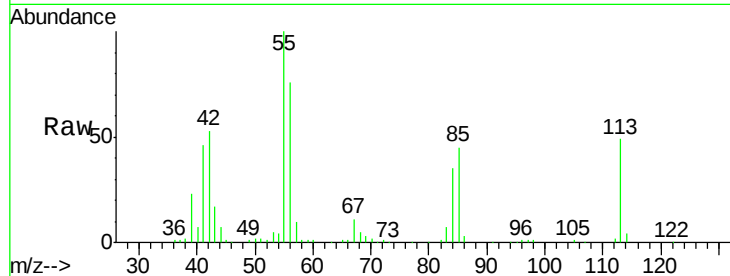
Tot Ion:113 Resp: 132282

Ion Ratio Lower Upper

113 100

55 202.7 116.9 156.9#

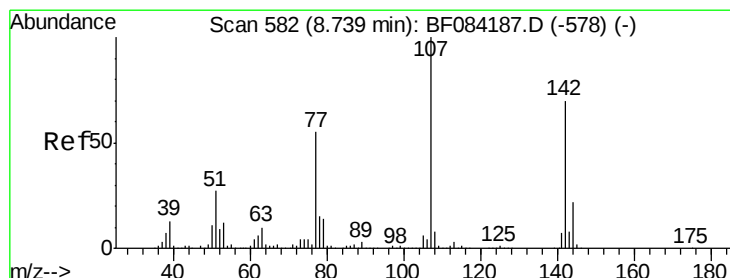
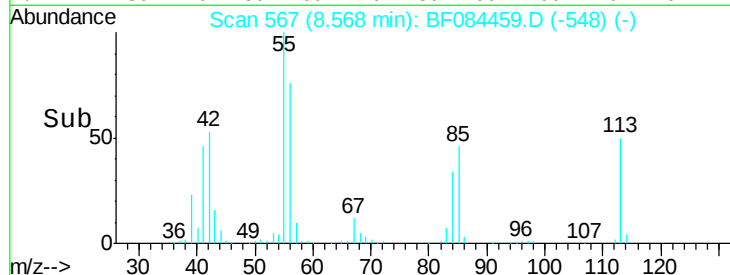
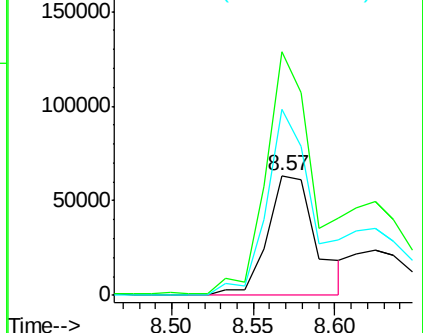
56 154.9 93.8 133.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 43.72 ng

RT: 8.69 min Scan# 578

Delta R.T. -0.05 min

Lab File: BF084459.D

Acq: 13 Jan 2016 23:28

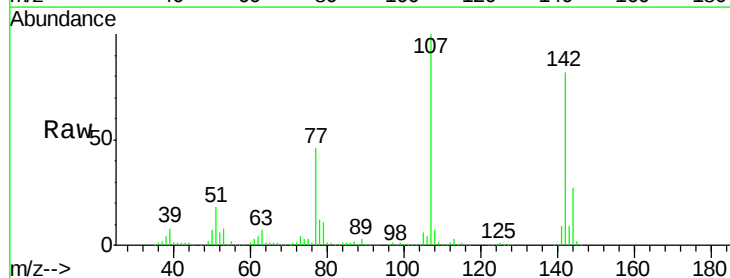
Tgt Ion:107 Resp: 785060

Ion Ratio Lower Upper

107 100

144 26.9 19.7 29.5

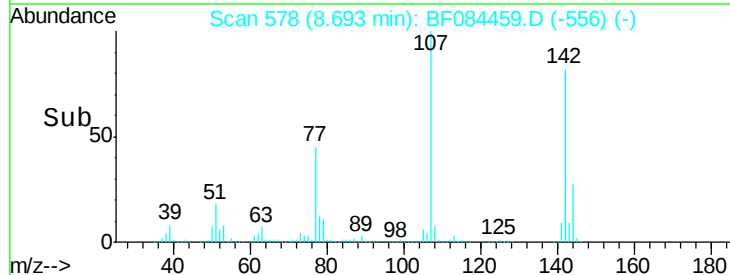
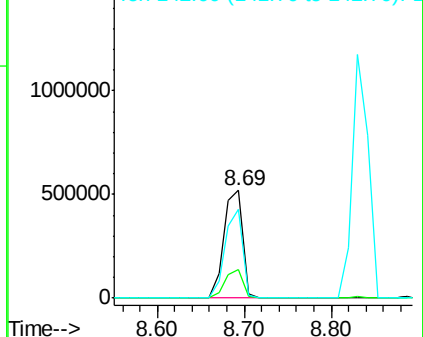
142 82.2 61.8 92.6

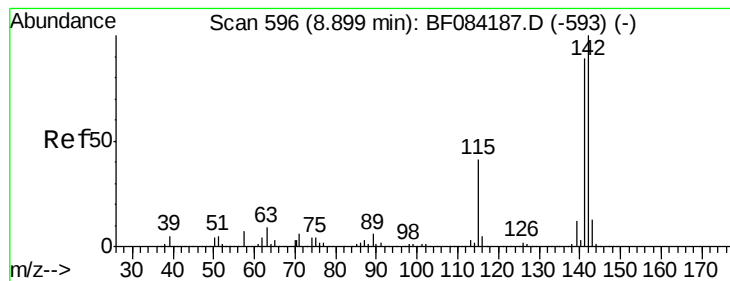


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.63 ng

RT: 8.83 min Scan# 590

Delta R.T. -0.07 min

Lab File: BF084459.D

Acq: 13 Jan 2016 23:28

Instrument :

BNA_F

ClientSampleId :

HSR-WC-15-010516MSD

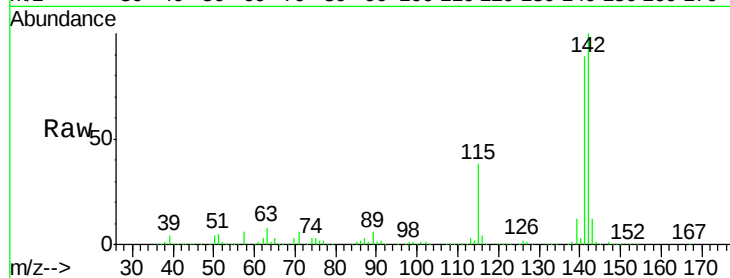
Tot Ion:142 Resp: 1516743

Ion Ratio Lower Upper

142 100

141 88.9 72.4 108.6

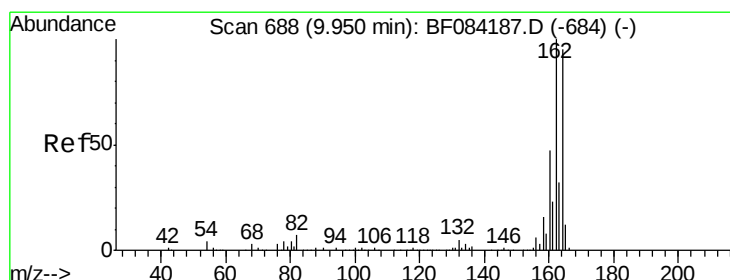
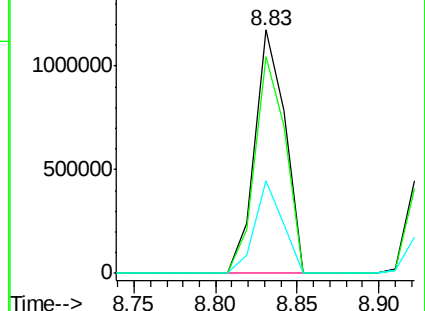
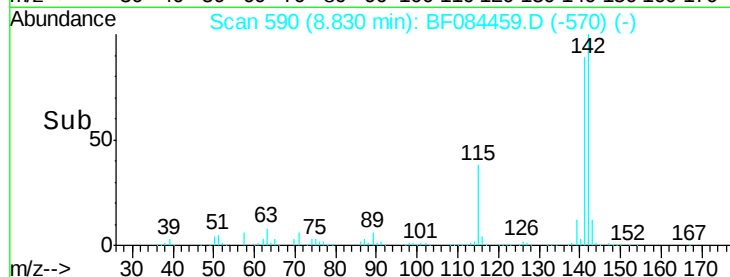
115 38.2 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.08 min

Lab File: BF084459.D

Acq: 13 Jan 2016 23:28

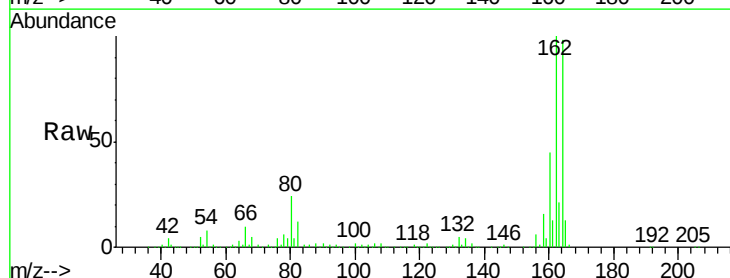
Tgt Ion:164 Resp: 523058

Ion Ratio Lower Upper

164 100

162 102.4 85.1 127.7

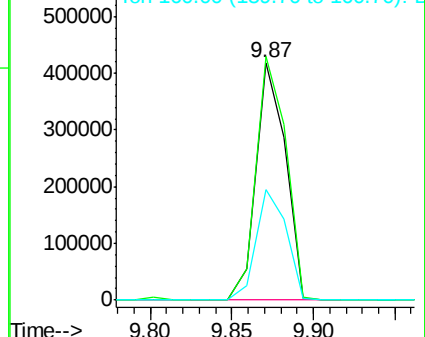
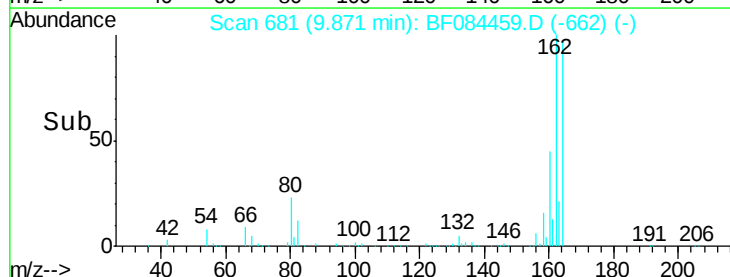
160 46.5 37.5 56.3

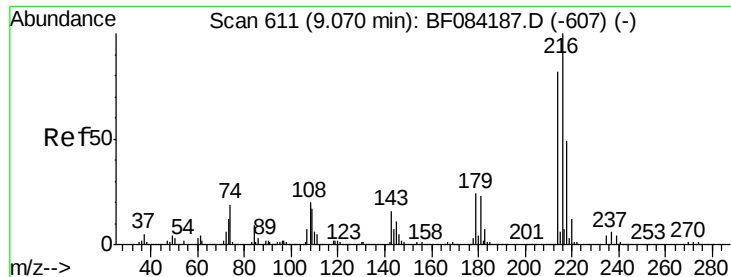


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.56 ng

RT: 9.00 min Scan# 605

Delta R.T. -0.07 min

Lab File: BF084459.D

Acq: 13 Jan 2016 23:28

Instrument :

BNA_F

ClientSampleId :

HSR-WC-15-010516MSD

Tot Ion:216 Resp: 624870

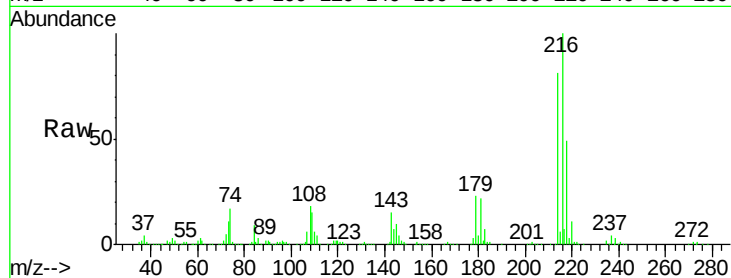
Ion Ratio Lower Upper

216 100

214 80.6 64.2 96.2

179 23.9 18.7 28.1

108 23.4 16.8 25.2

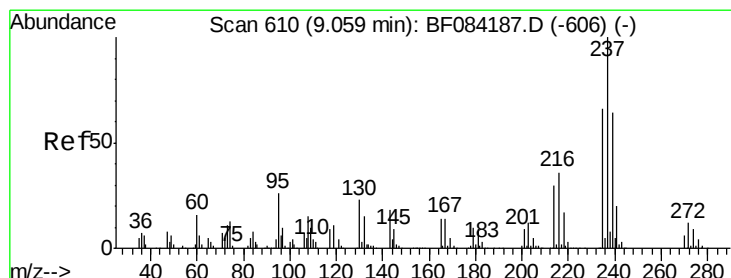
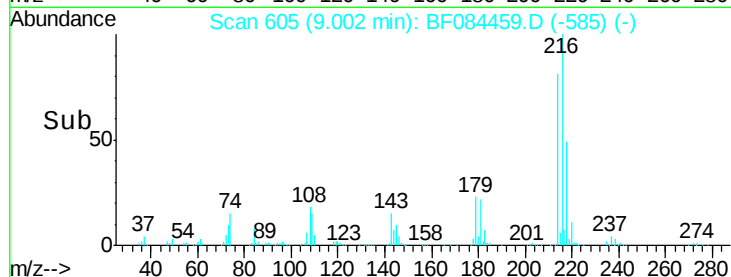
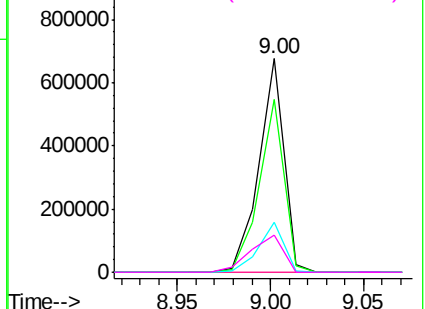


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 70.51 ng

RT: 8.99 min Scan# 604

Delta R.T. -0.07 min

Lab File: BF084459.D

Acq: 13 Jan 2016 23:28

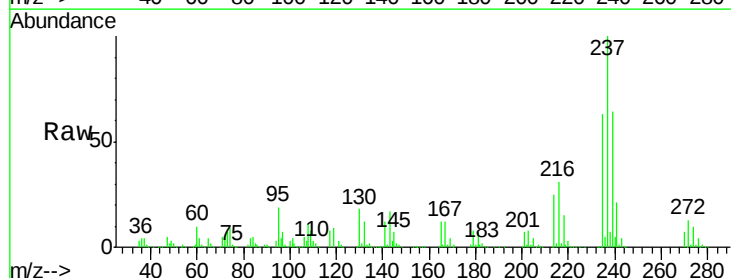
Tgt Ion:237 Resp: 640095

Ion Ratio Lower Upper

237 100

235 62.6 43.1 83.1

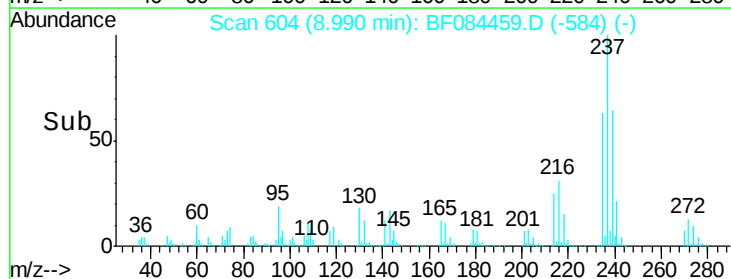
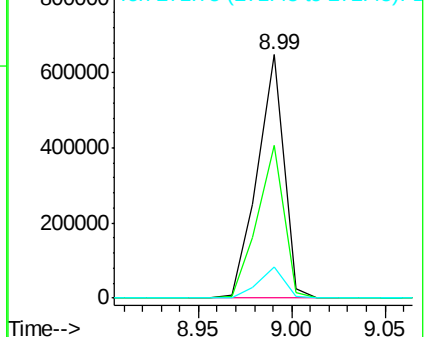
272 12.8 0.0 35.1

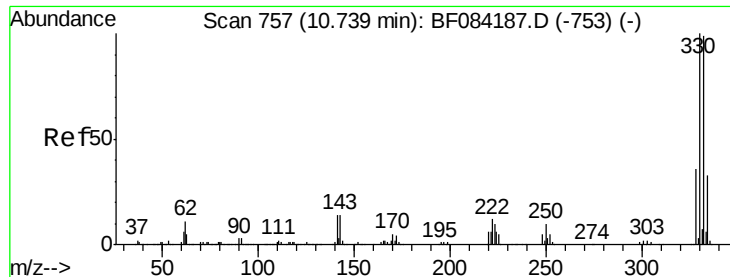


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

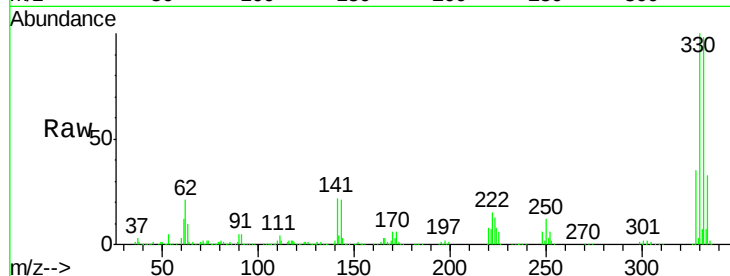




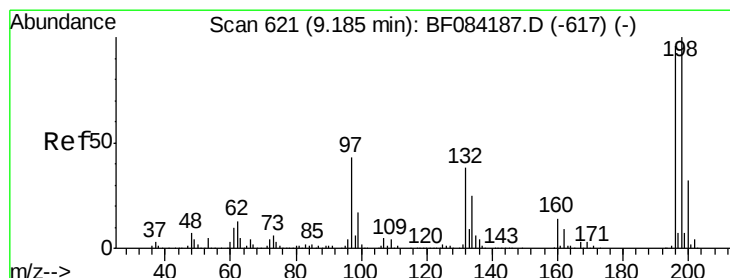
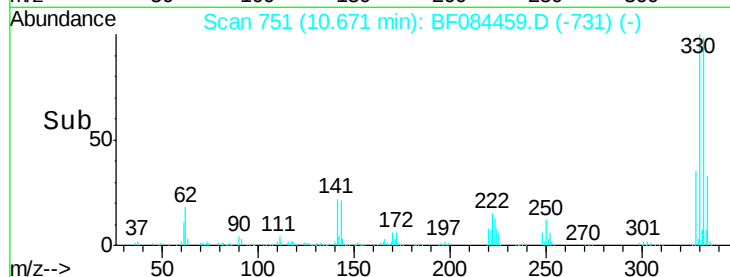
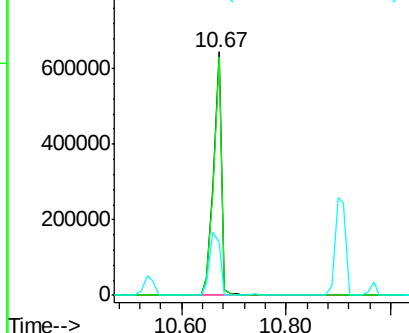
#41
 2,4,6-Tribromophenol
 Concen: 130.55 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.07 min
 Lab File: BF084459.D
 Acq: 13 Jan 2016 23:28

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-15-010516MSD

Tot Ion:330 Resp: 689392
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 114.8
 141 34.6 27.8 41.6

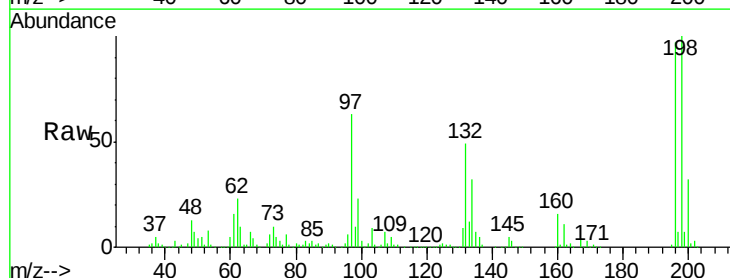


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

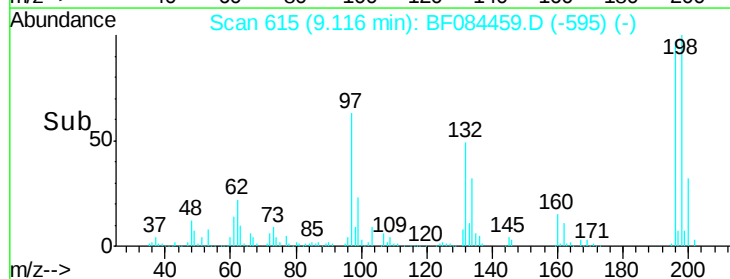
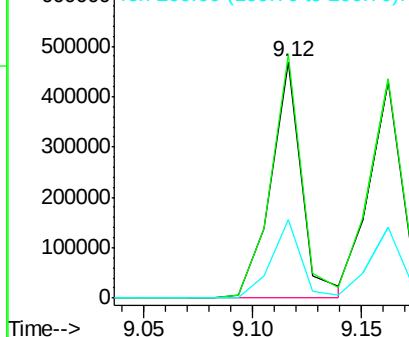


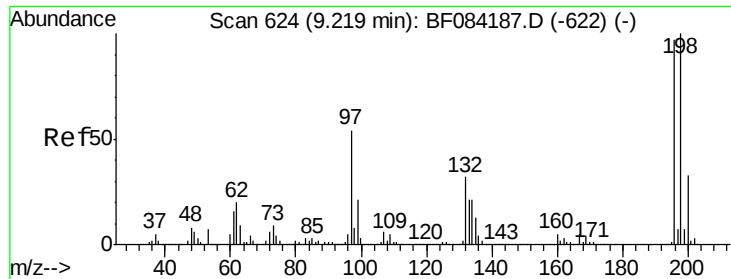
#42
 2,4,6-Trichlorophenol
 Concen: 41.59 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.07 min
 Lab File: BF084459.D
 Acq: 13 Jan 2016 23:28

Tgt Ion:196 Resp: 467913
 Ion Ratio Lower Upper
 196 100
 198 103.1 77.7 116.5
 200 33.1 24.6 37.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

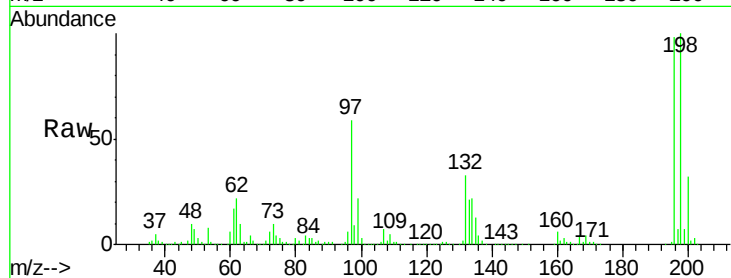




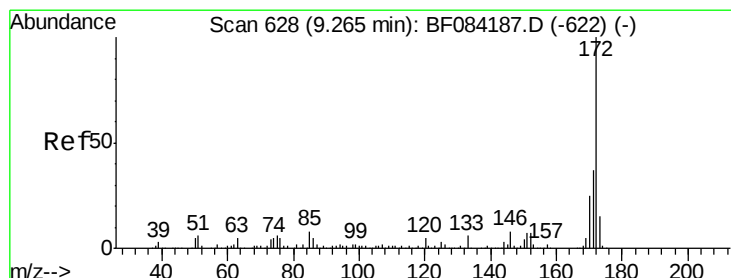
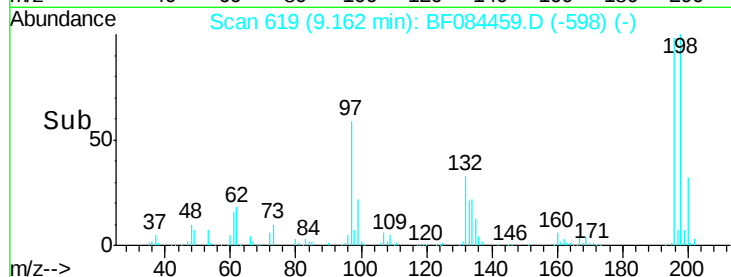
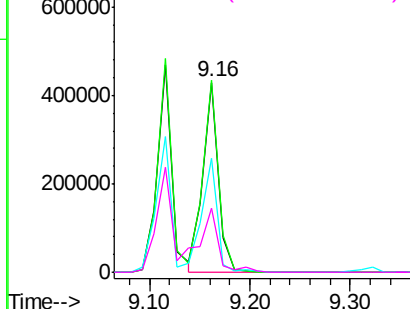
#43
 2,4,5-Trichlorophenol
 Concen: 42.55 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.06 min
 Lab File: BF084459.D
 Acq: 13 Jan 2016 23:28

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-15-010516MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	101.6	79.0	118.6
97	59.9	33.0	49.6
132	33.6	21.1	31.7

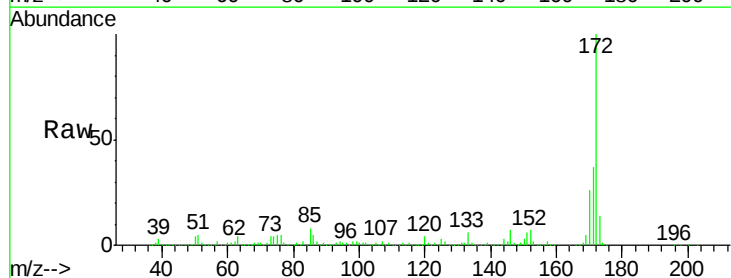


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

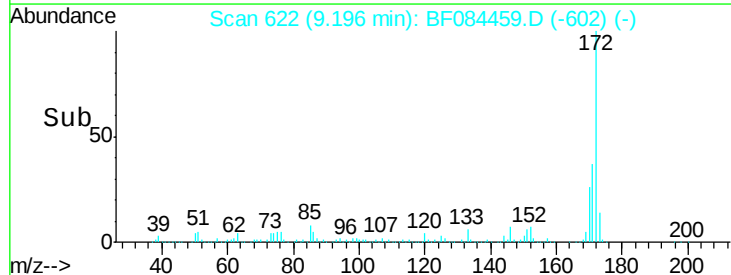
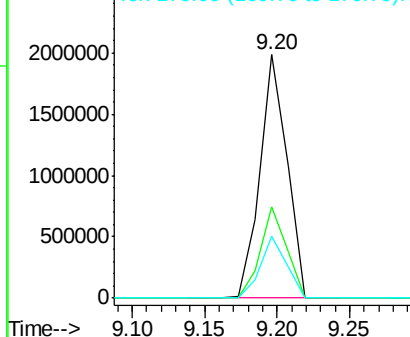


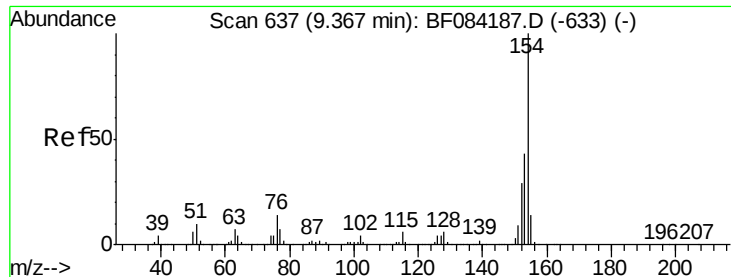
#44
 2-Fluorobiphenyl
 Concen: 86.13 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.07 min
 Lab File: BF084459.D
 Acq: 13 Jan 2016 23:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	28.9	43.3
170	25.5	18.6	27.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 42.23 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.07 min

Lab File: BF084459.D

Acq: 13 Jan 2016 23:28

Instrument :

BNA_F

ClientSampleId :

HSR-WC-15-010516MSD

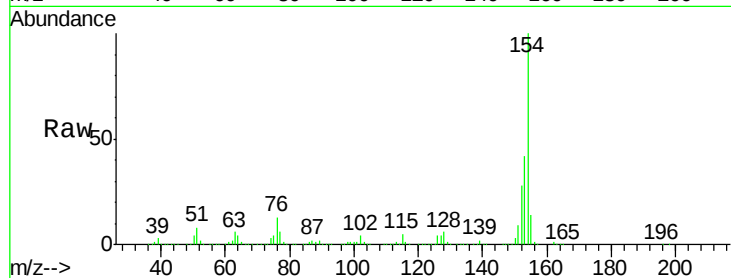
Tot Ion:154 Resp: 1755484

Ion Ratio Lower Upper

154 100

153 41.9 21.6 61.6

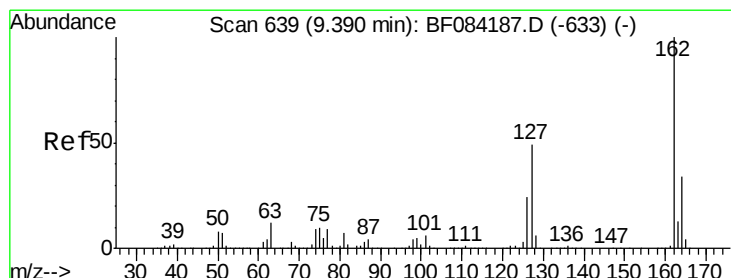
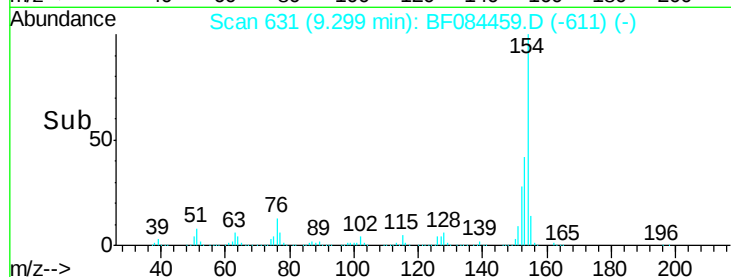
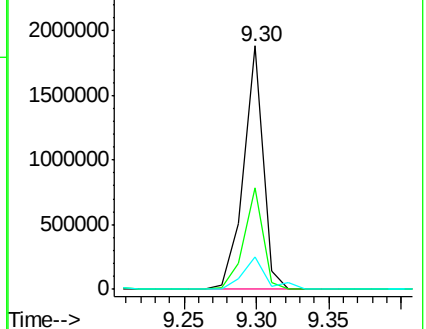
76 13.4 0.0 32.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 40.72 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.07 min

Lab File: BF084459.D

Acq: 13 Jan 2016 23:28

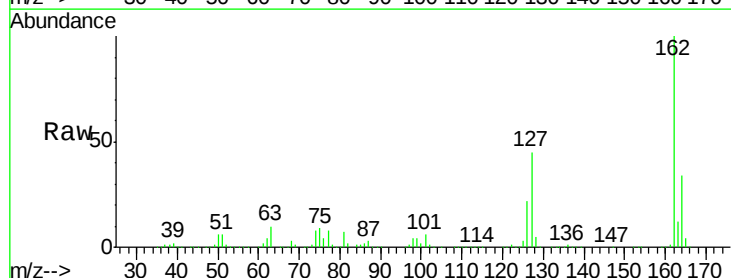
Tgt Ion:162 Resp: 1329660

Ion Ratio Lower Upper

162 100

127 45.0 40.2 60.4

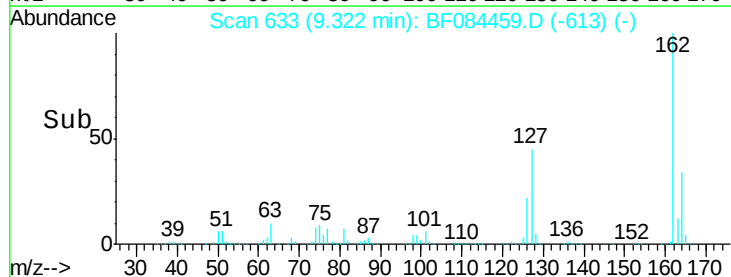
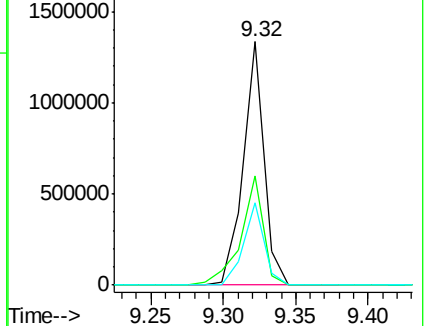
164 33.9 25.7 38.5

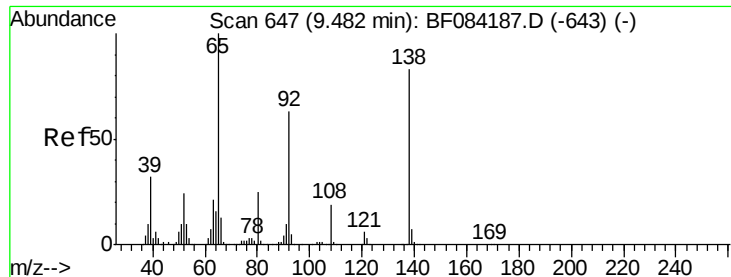


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

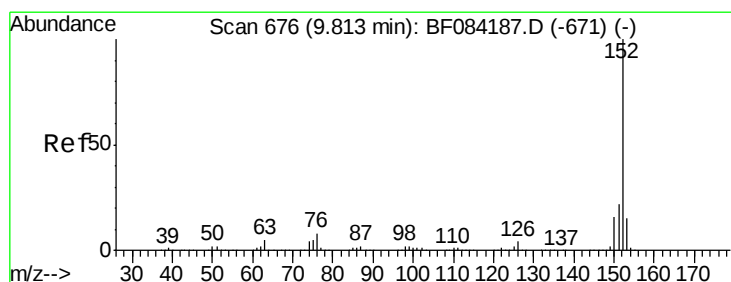
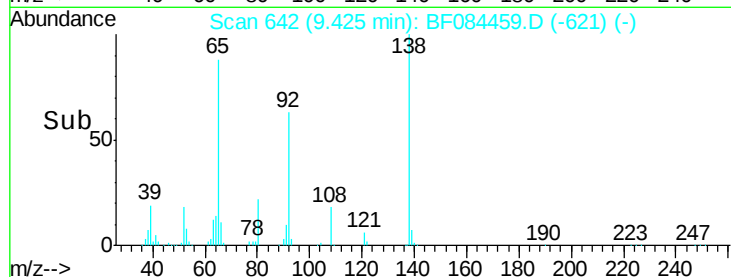
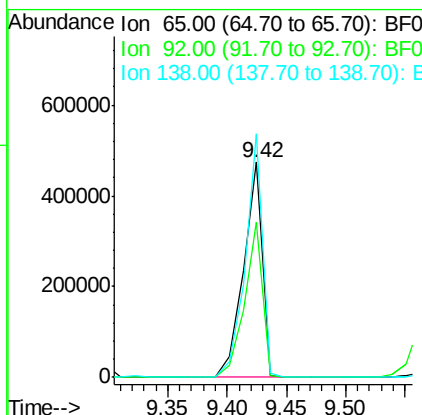
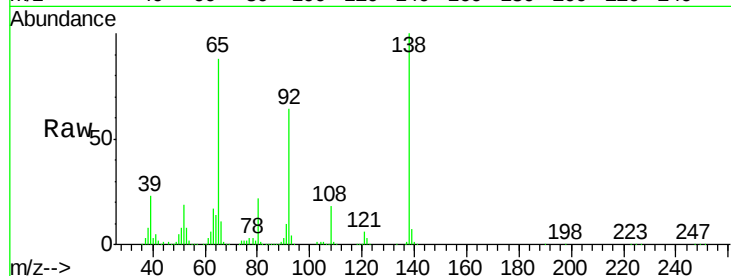




#47
2-Nitroaniline
Concen: 48.72 ng
RT: 9.42 min Scan# 642
Delta R.T. -0.06 min
Lab File: BF084459.D
Acq: 13 Jan 2016 23:28

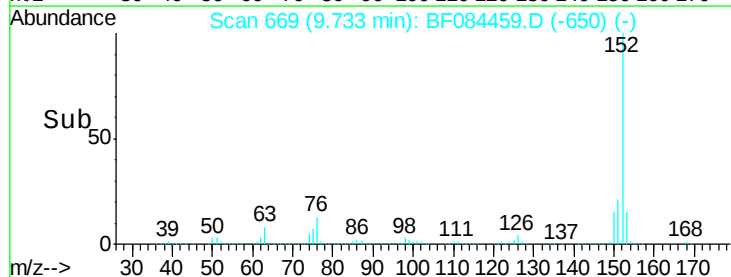
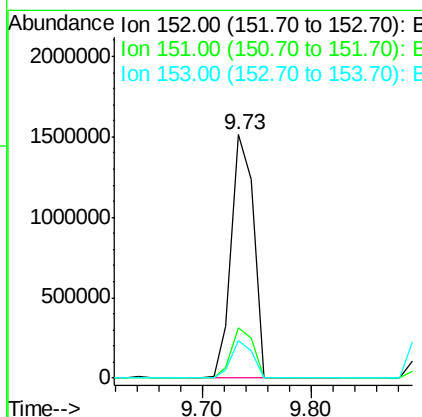
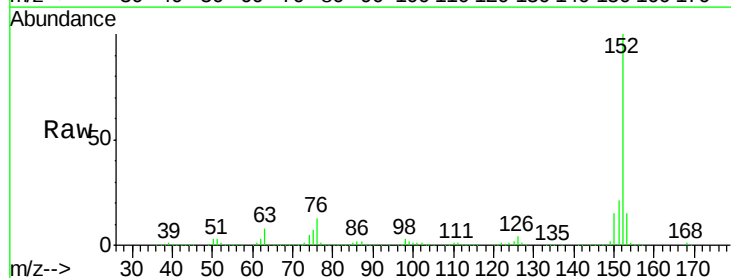
Instrument :
BNA_F
ClientSampleId :
HSR-WC-15-010516MSD

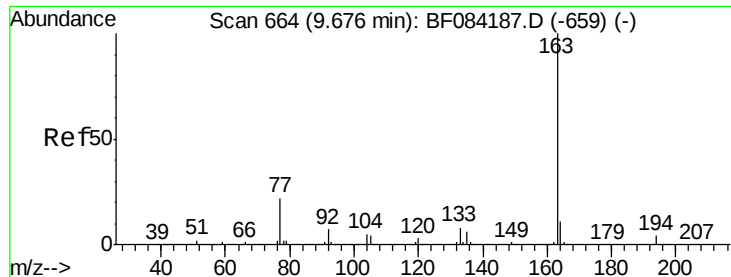
Tot Ion: 65 Resp: 525070
Ion Ratio Lower Upper
65 100
92 72.1 53.4 80.2
138 113.1 71.1 106.7#



#48
Acenaphthylene
Concen: 43.90 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.08 min
Lab File: BF084459.D
Acq: 13 Jan 2016 23:28

Tgt Ion: 152 Resp: 2117633
Ion Ratio Lower Upper
152 100
151 20.9 16.3 24.5
153 15.3 10.4 15.6

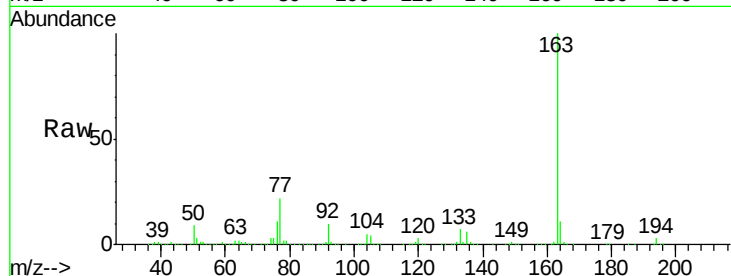




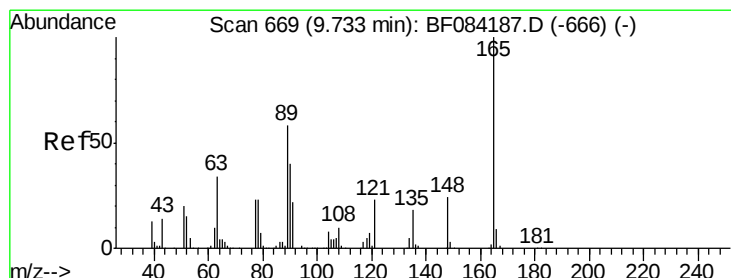
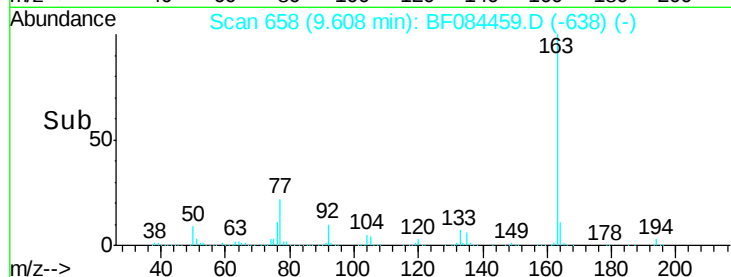
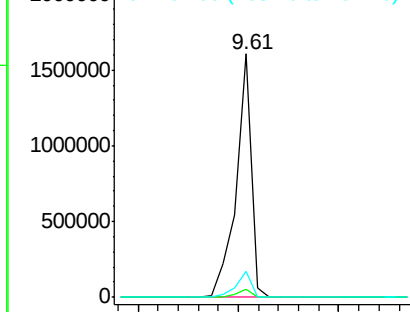
#49
Dimethylphthalate
Concen: 44.87 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.07 min
Lab File: BF084459.D
Acq: 13 Jan 2016 23:28

Instrument :
BNA_F
ClientSampleId :
HSR-WC-15-010516MSD

Tot Ion:163 Resp: 1677733
Ion Ratio Lower Upper
163 100
194 3.5 8.0 12.0#
164 10.7 8.0 12.0

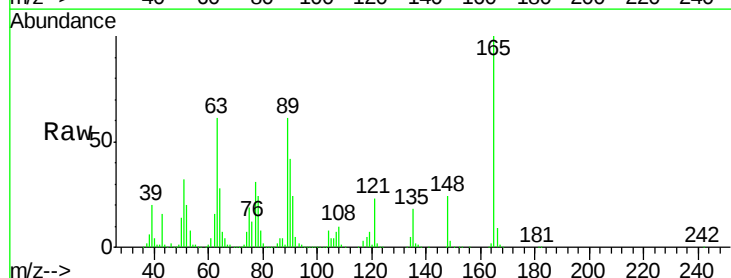


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

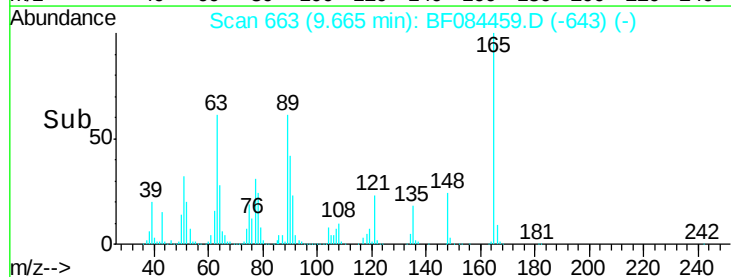
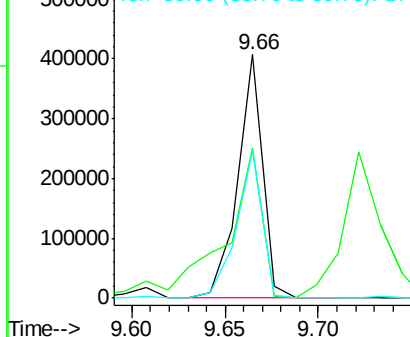


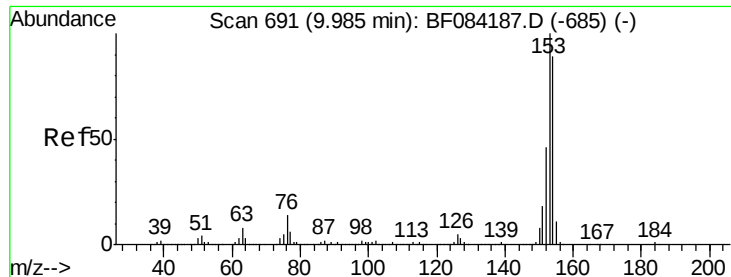
#50
2,6-Dinitrotoluene
Concen: 46.29 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.07 min
Lab File: BF084459.D
Acq: 13 Jan 2016 23:28

Tgt Ion:165 Resp: 379653
Ion Ratio Lower Upper
165 100
63 61.5 28.8 43.2#
89 60.8 35.1 52.7#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 48.79 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.08 min

Lab File: BF084459.D

Acq: 13 Jan 2016 23:28

Instrument :

BNA_F

ClientSampleId :

HSR-WC-15-010516MSD

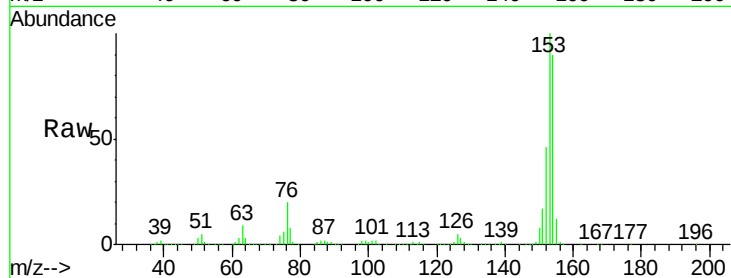
Tot Ion:154 Resp: 1578892

Ion Ratio Lower Upper

154 100

153 111.5 91.5 137.3

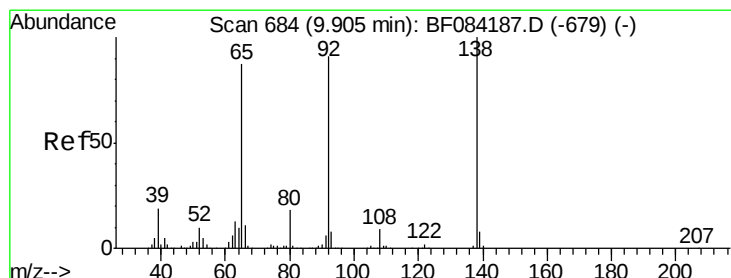
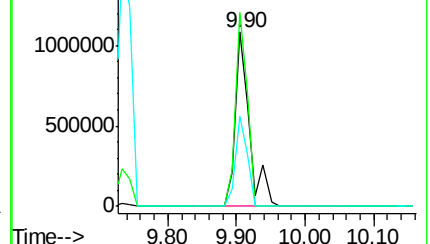
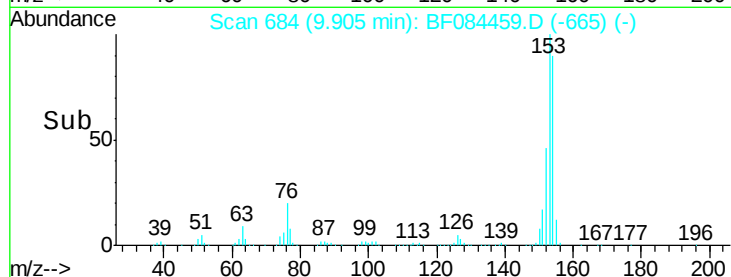
152 51.5 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 12.71 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.07 min

Lab File: BF084459.D

Acq: 13 Jan 2016 23:28

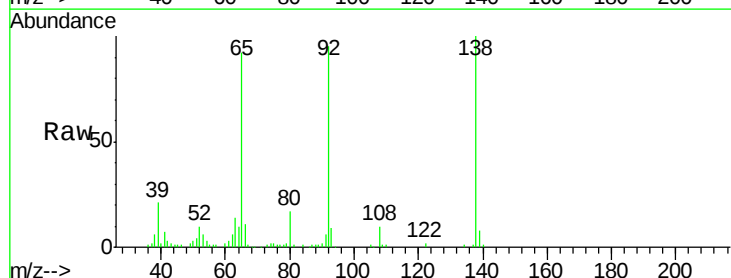
Tgt Ion:138 Resp: 129141

Ion Ratio Lower Upper

138 100

108 9.6 10.5 15.7#

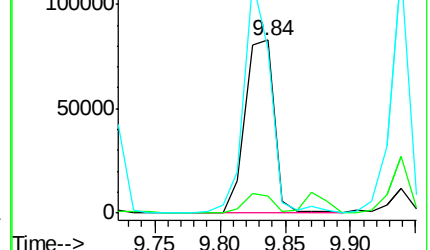
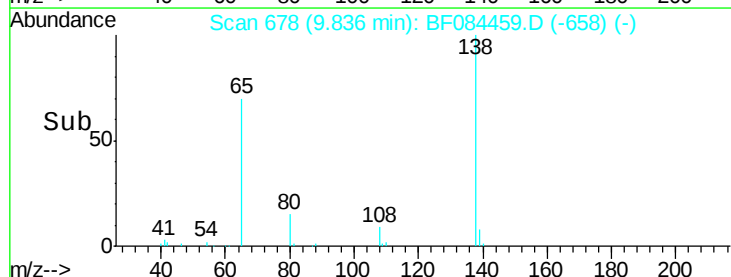
92 94.9 103.9 155.9#

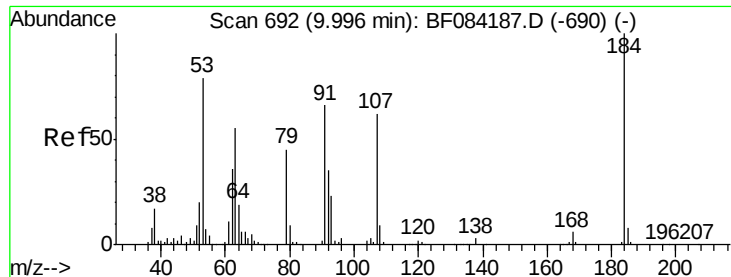


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

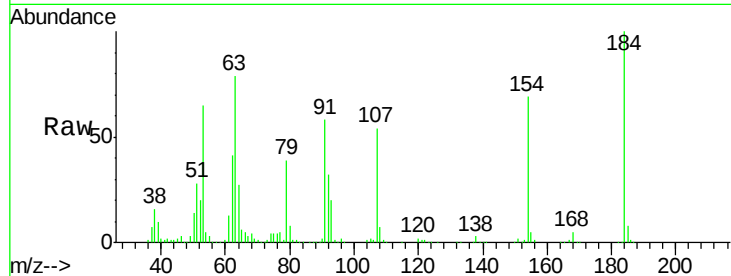




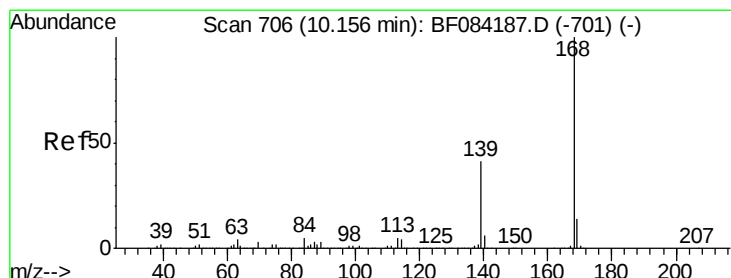
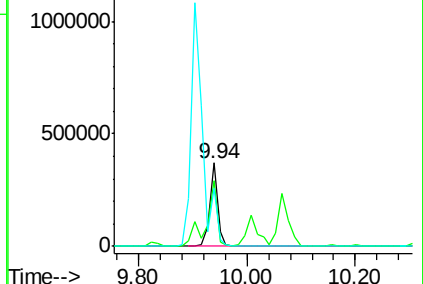
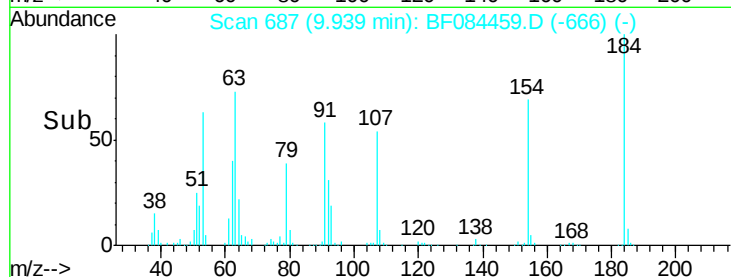
#53
2,4-Dinitrophenol
Concen: 109.12 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.06 min
Lab File: BF084459.D
Acq: 13 Jan 2016 23:28

Instrument :
BNA_F
ClientSampleId :
HSR-WC-15-010516MSD

Tot Ion:184 Resp: 385957
Ion Ratio Lower Upper
184 100
63 79.4 43.1 64.7#
154 69.4 60.5 90.7

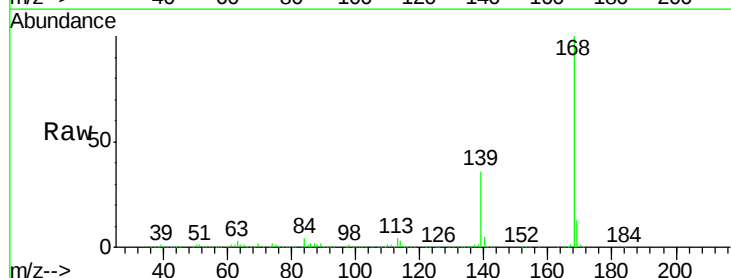


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

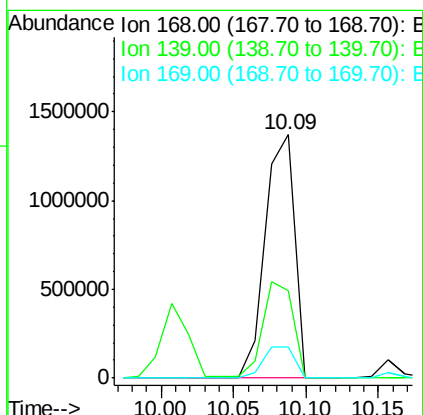
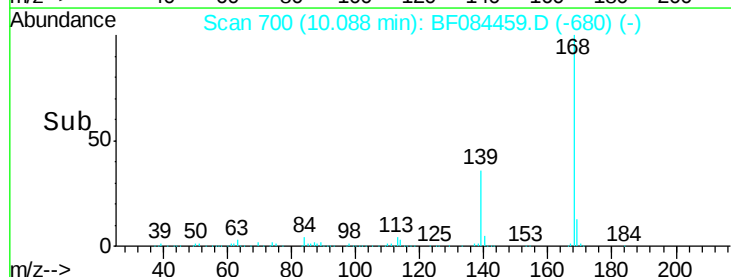


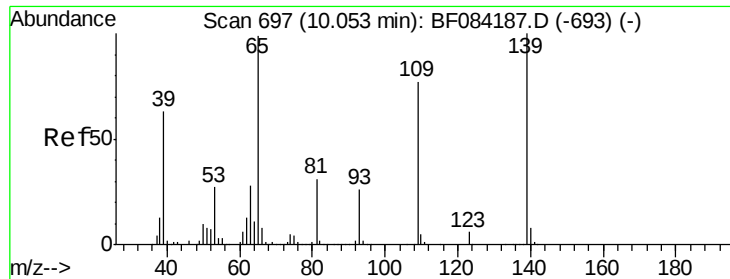
#54
Dibenzofuran
Concen: 45.93 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.07 min
Lab File: BF084459.D
Acq: 13 Jan 2016 23:28

Tgt Ion:168 Resp: 1922549
Ion Ratio Lower Upper
168 100
139 35.9 30.5 45.7
169 13.1 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

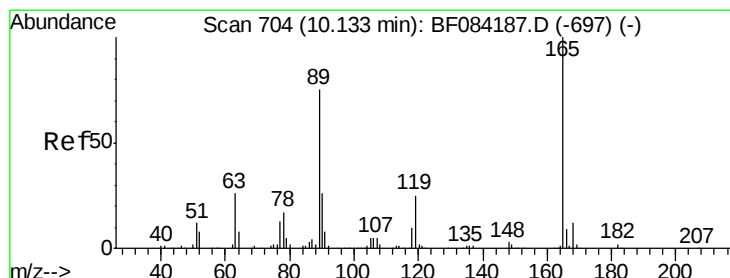
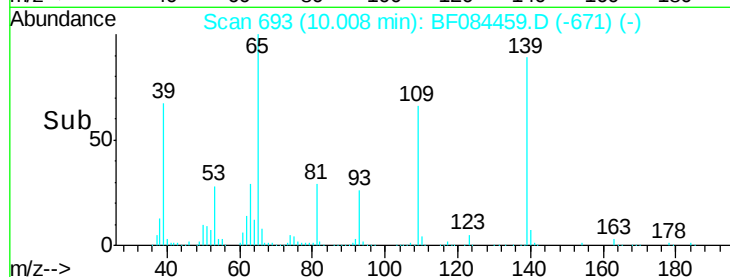
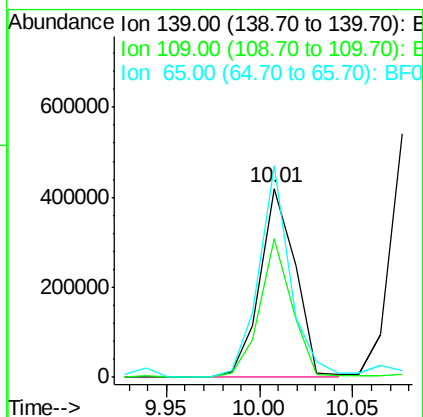
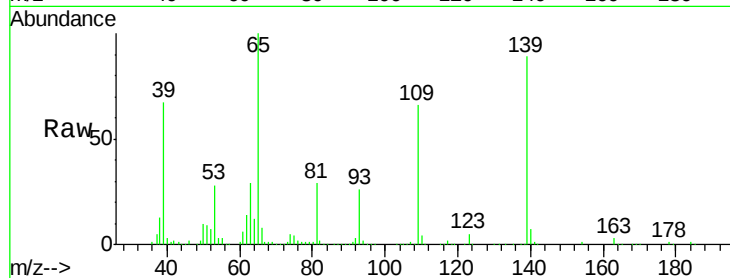




#55
4-Nitrophenol
Concen: 75.31 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.05 min
Lab File: BF084459.D
Acq: 13 Jan 2016 23:28

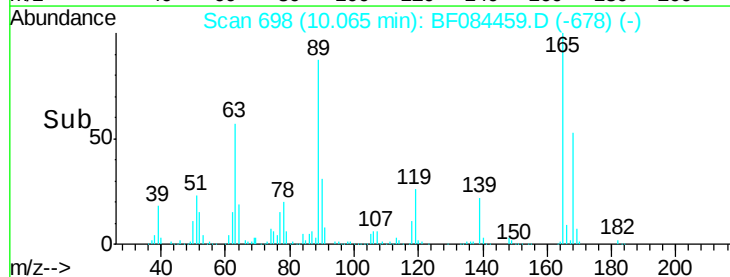
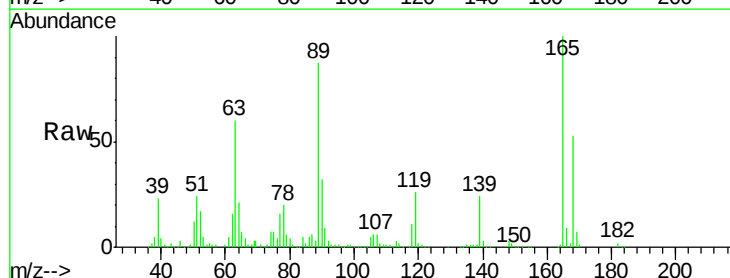
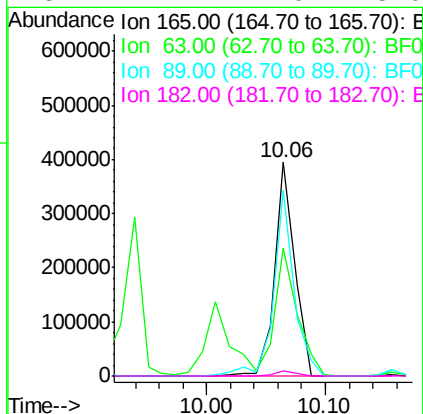
Instrument :
BNA_F
ClientSampleId :
HSR-WC-15-010516MSD

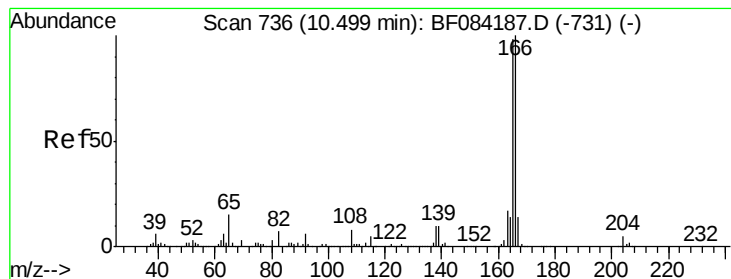
Tot Ion:139 Resp: 55525
Ion Ratio Lower Upper
139 100
109 73.8 58.5 98.5
65 112.5 57.6 97.6#



#56
2,4-Dinitrotoluene
Concen: 44.13 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.07 min
Lab File: BF084459.D
Acq: 13 Jan 2016 23:28

Tgt Ion:165 Resp: 458059
Ion Ratio Lower Upper
165 100
63 59.8 36.7 55.1#
89 86.8 61.9 92.9
182 2.1 2.0 3.0





#57

Fluorene

Concen: 43.82 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.08 min

Lab File: BF084459.D

Acq: 13 Jan 2016 23:28

Instrument :

BNA_F

ClientSampleId :

HSR-WC-15-010516MSD

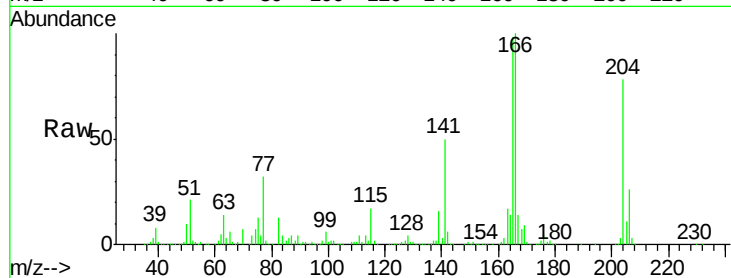
Tot Ion:166 Resp: 1422276

Ion Ratio Lower Upper

166 100

165 98.5 79.1 118.7

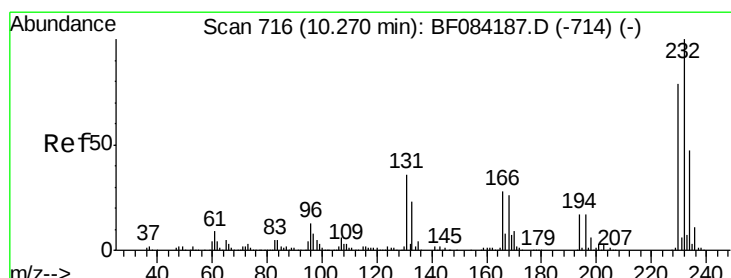
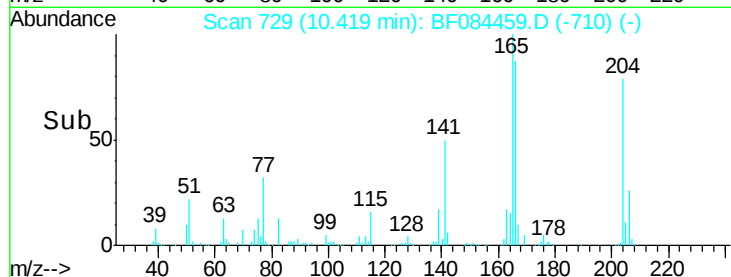
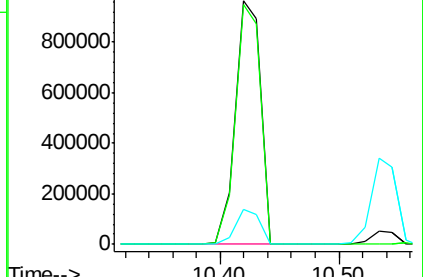
167 14.2 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.57 ng

RT: 10.20 min Scan# 710

Delta R.T. -0.07 min

Lab File: BF084459.D

Acq: 13 Jan 2016 23:28

Tgt Ion:232 Resp: 401171

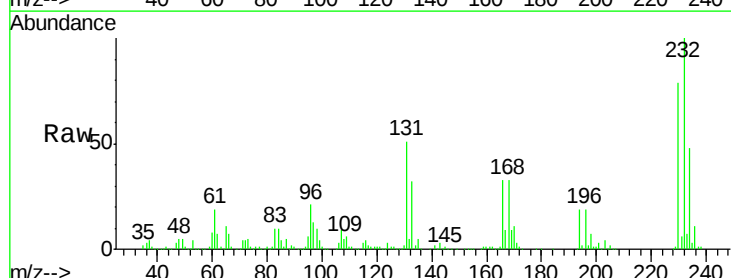
Ion Ratio Lower Upper

232 100

131 52.2 47.0 70.6

130 2.5 2.0 3.0

166 32.6 30.5 45.7

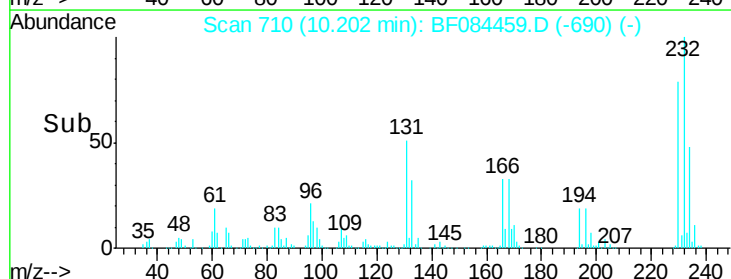
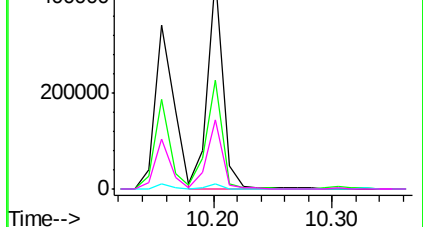


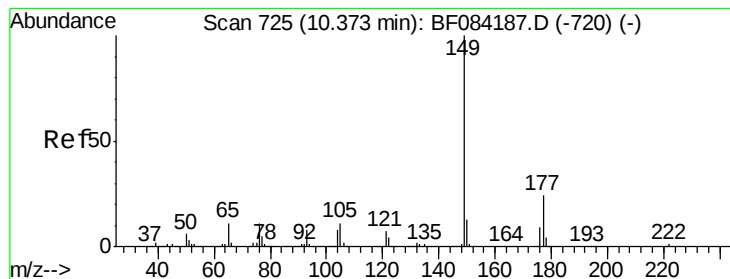
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 43.00 ng

RT: 10.30 min Scan# 719

Delta R.T. -0.07 min

Lab File: BF084459.D

Acq: 13 Jan 2016 23:28

Instrument :

BNA_F

ClientSampleId :

HSR-WC-15-010516MSD

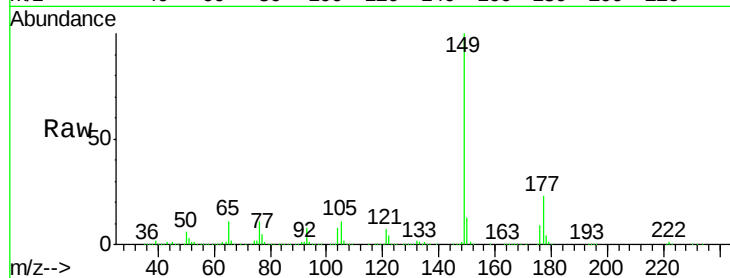
Tot Ion:149 Resp: 1585470

Ion Ratio Lower Upper

149 100

177 22.9 17.3 25.9

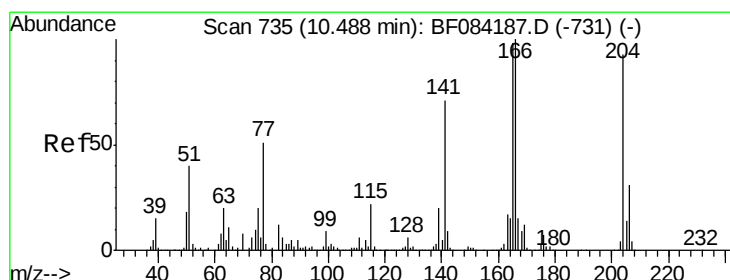
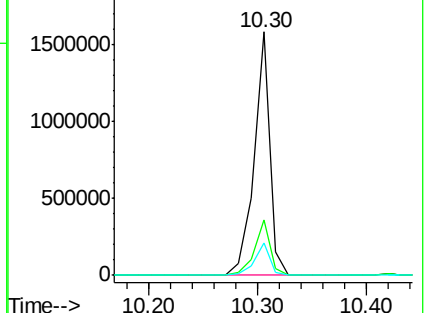
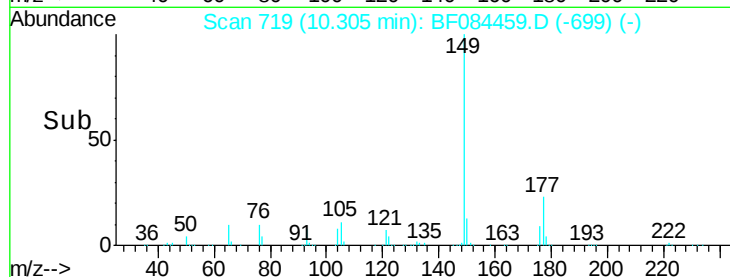
150 13.1 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 50.79 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.07 min

Lab File: BF084459.D

Acq: 13 Jan 2016 23:28

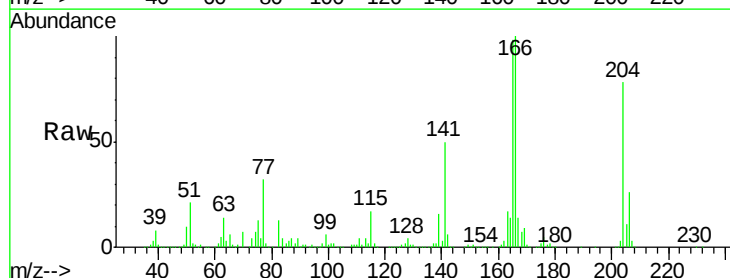
Tgt Ion:204 Resp: 680604

Ion Ratio Lower Upper

204 100

206 33.1 25.7 38.5

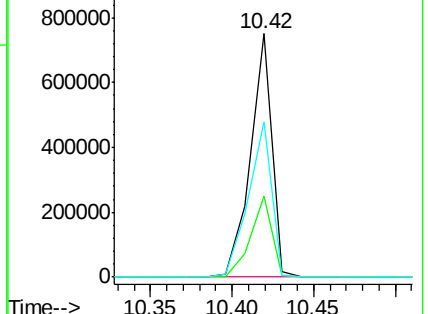
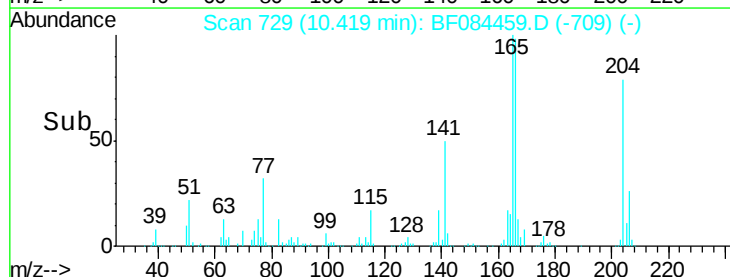
141 63.9 55.1 82.7

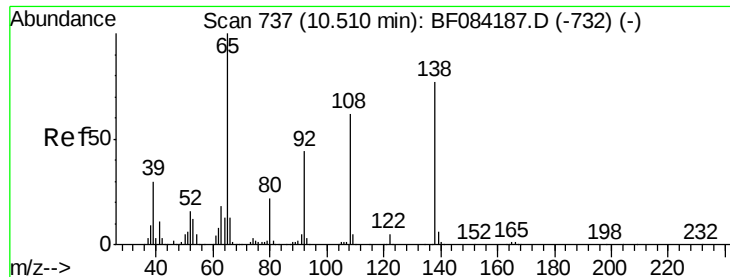


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

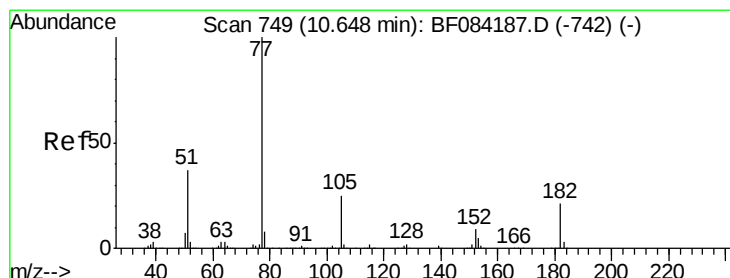
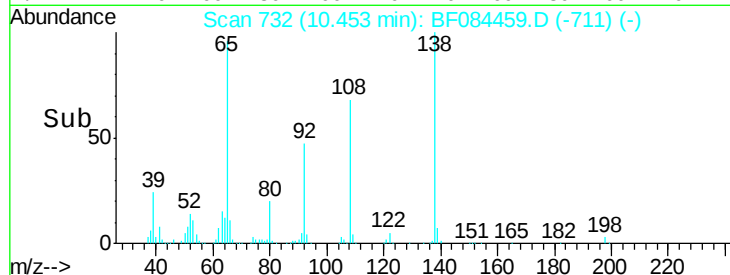
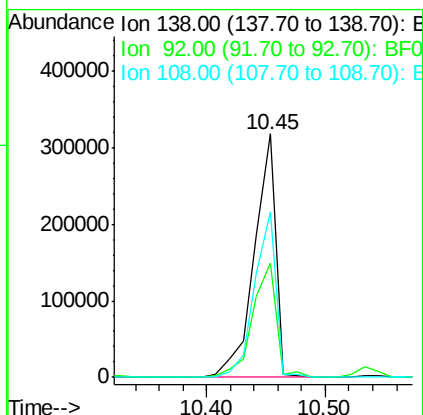
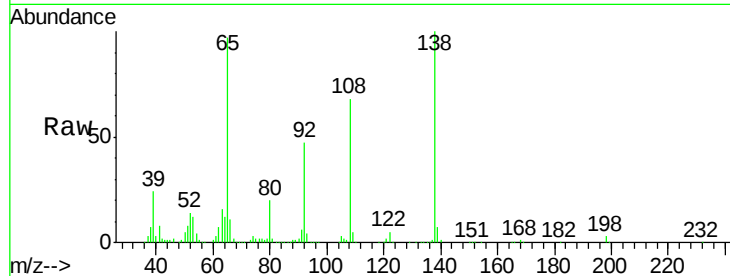




#61
4-Nitroaniline
Concen: 44.53 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.06 min
Lab File: BF084459.D
Acq: 13 Jan 2016 23:28

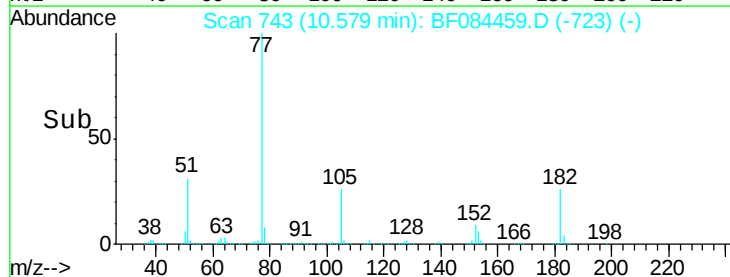
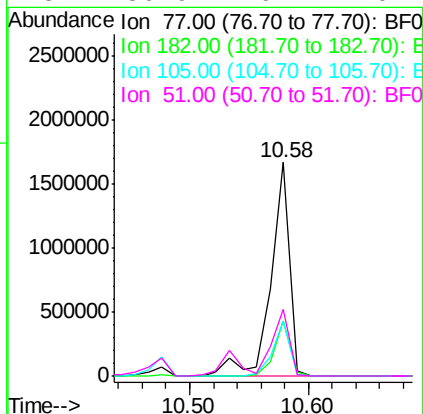
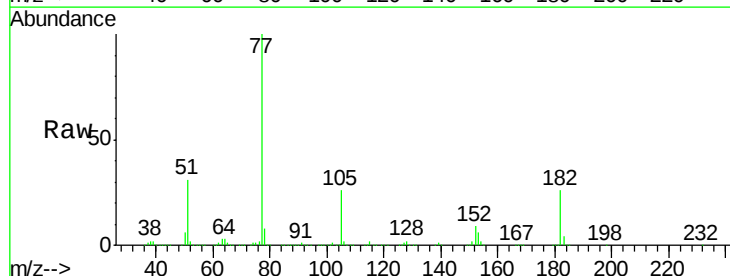
Instrument :
BNA_F
ClientSampleId :
HSR-WC-15-010516MSD

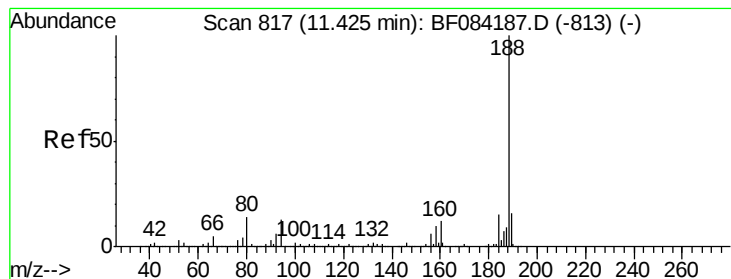
Tot Ion:138 Resp: 403416
Ion Ratio Lower Upper
138 100
92 47.0 32.6 72.6
108 68.2 68.6 108.6#



#62
Azobenzene
Concen: 45.41 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.07 min
Lab File: BF084459.D
Acq: 13 Jan 2016 23:28

Tgt Ion: 77 Resp: 1836078
Ion Ratio Lower Upper
77 100
182 25.5 8.3 48.3
105 25.7 4.6 44.6
51 30.9 6.2 46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.07 min

Lab File: BF084459.D

Acq: 13 Jan 2016 23:28

Instrument :

BNA_F

ClientSampleId :

HSR-WC-15-010516MSD

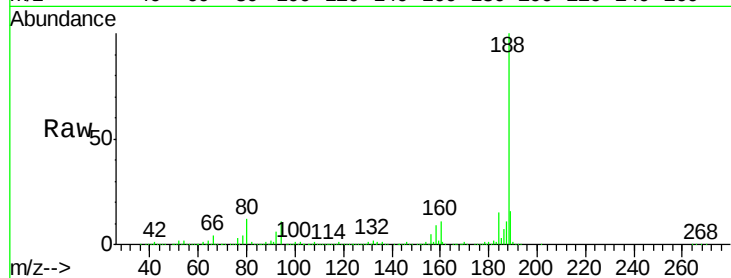
Tot Ion:188 Resp: 978581

Ion Ratio Lower Upper

188 100

94 11.5 9.0 13.4

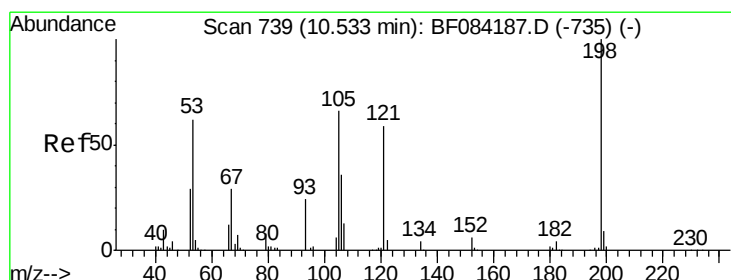
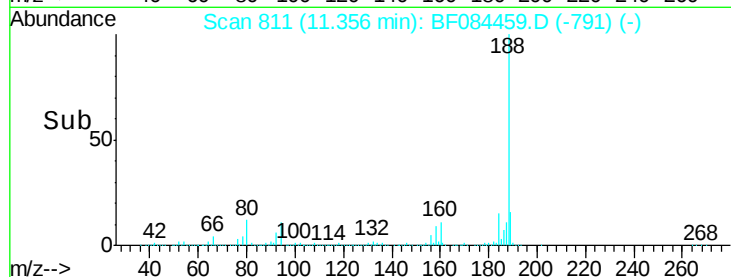
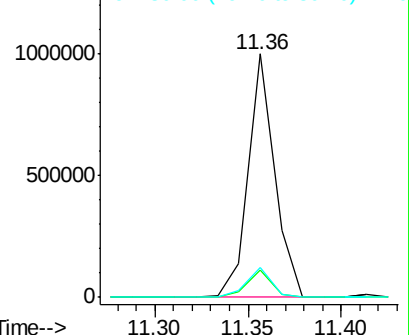
80 12.3 9.6 14.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 47.67 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.06 min

Lab File: BF084459.D

Acq: 13 Jan 2016 23:28

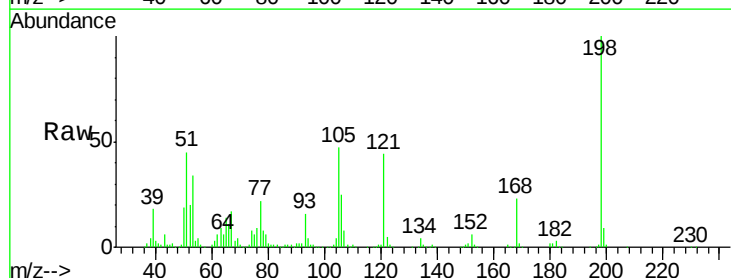
Tgt Ion:198 Resp: 282739

Ion Ratio Lower Upper

198 100

51 44.9 18.9 58.9

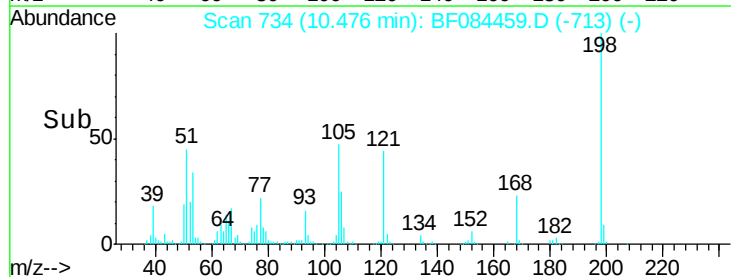
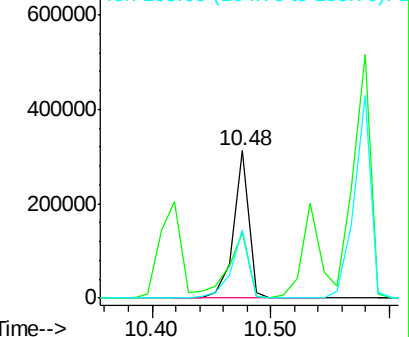
105 46.7 26.4 66.4

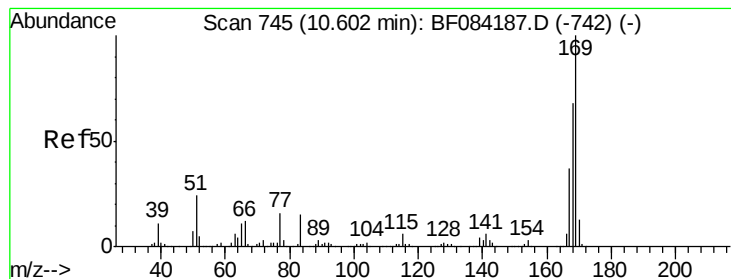


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.54 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.07 min

Lab File: BF084459.D

Acq: 13 Jan 2016 23:28

Instrument :

BNA_F

ClientSampleId :

HSR-WC-15-010516MSD

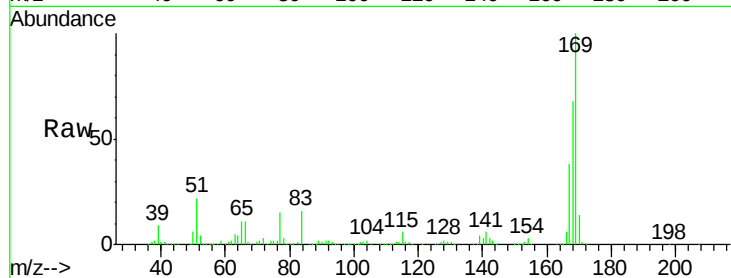
Tot Ion:169 Resp: 1299636

Ion Ratio Lower Upper

169 100

168 67.8 55.1 82.7

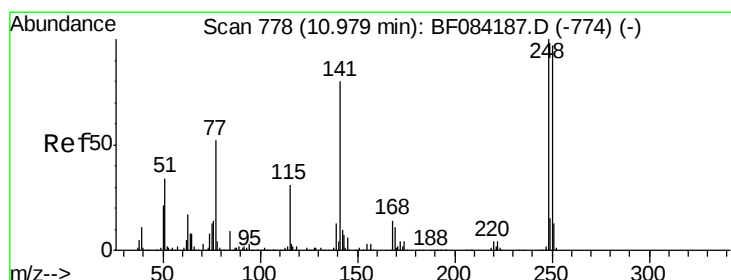
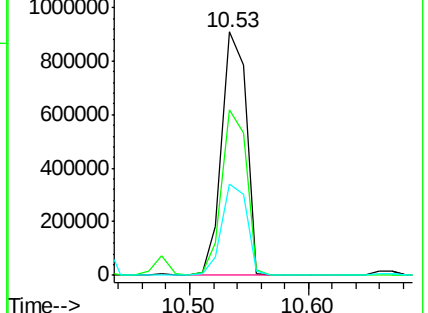
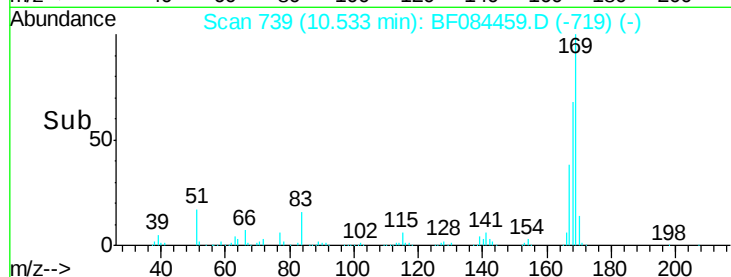
167 37.6 30.0 45.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.27 ng

RT: 10.91 min Scan# 772

Delta R.T. -0.07 min

Lab File: BF084459.D

Acq: 13 Jan 2016 23:28

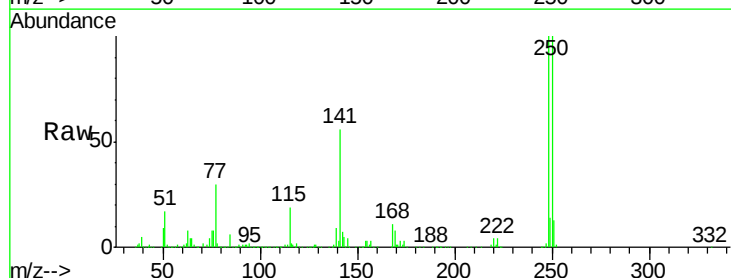
Tgt Ion:248 Resp: 466316

Ion Ratio Lower Upper

248 100

250 99.6 78.4 117.6

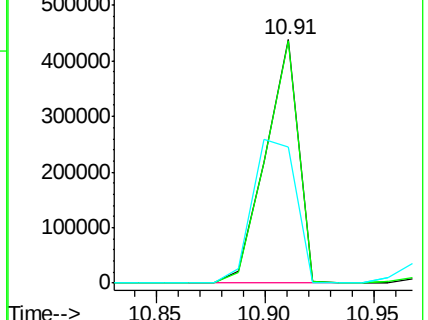
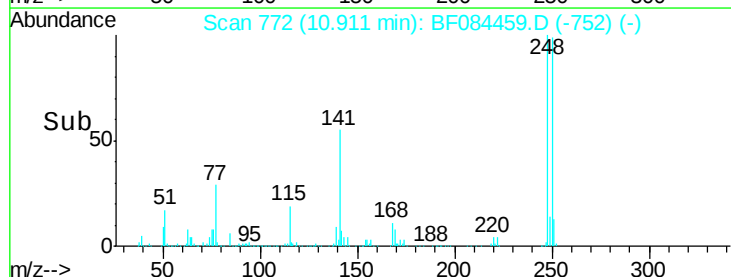
141 55.9 44.0 66.0

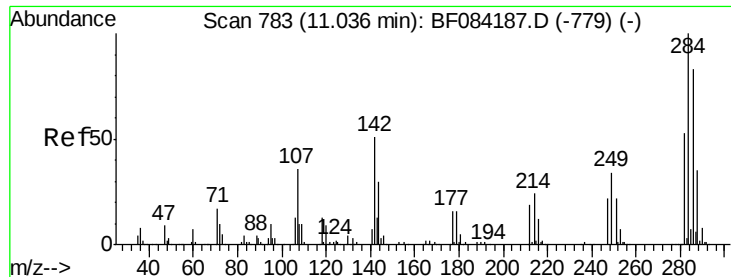


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

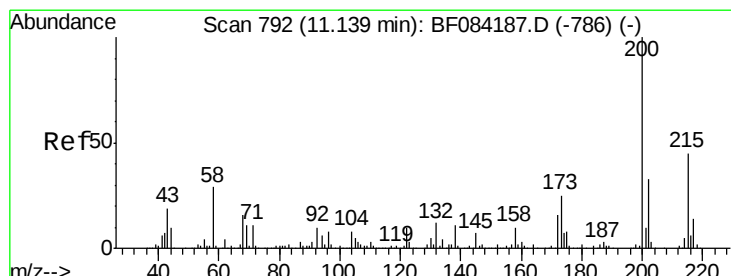
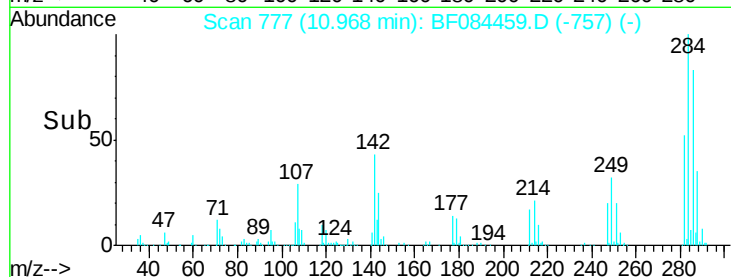
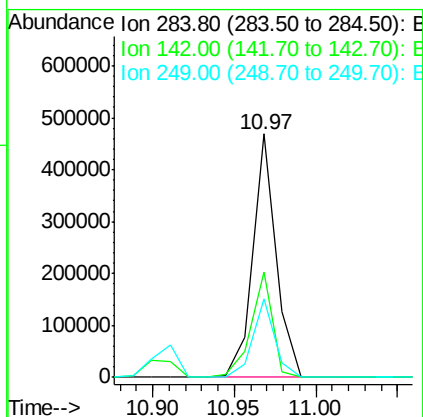
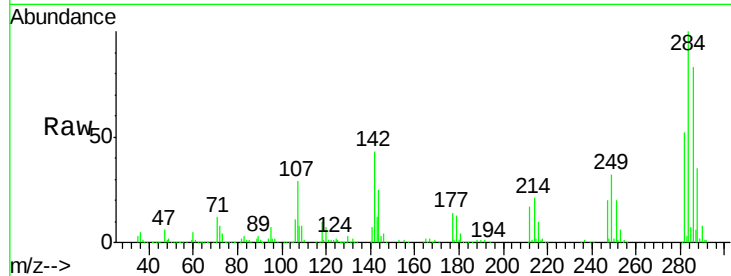




#67
Hexachlorobenzene
Concen: 39.16 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.07 min
Lab File: BF084459.D
Acq: 13 Jan 2016 23:28

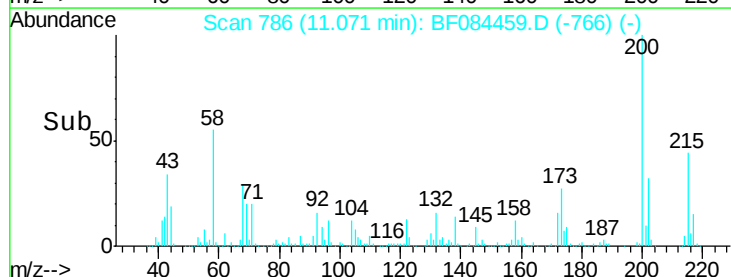
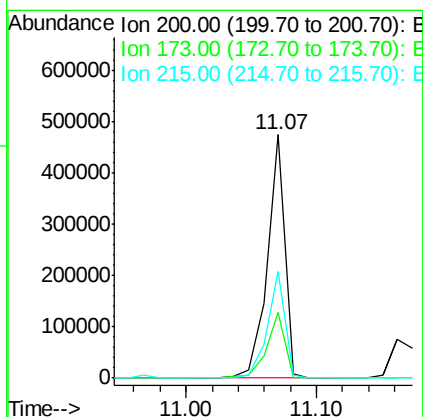
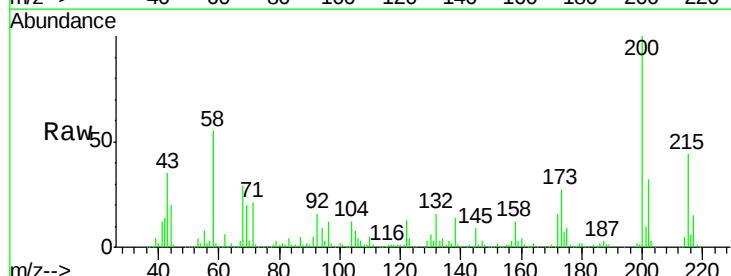
Instrument :
BNA_F
ClientSampleId :
HSR-WC-15-010516MSD

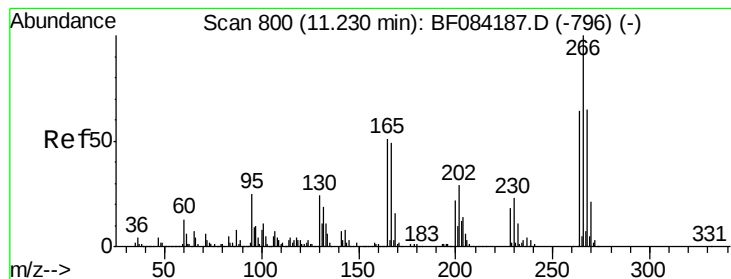
Tot Ion:284 Resp: 464266
Ion Ratio Lower Upper
284 100
142 43.4 22.2 33.4#
249 32.3 24.6 37.0



#68
Atrazine
Concen: 43.40 ng
RT: 11.07 min Scan# 786
Delta R.T. -0.07 min
Lab File: BF084459.D
Acq: 13 Jan 2016 23:28

Tgt Ion:200 Resp: 444323
Ion Ratio Lower Upper
200 100
173 26.9 9.5 49.5
215 43.9 23.8 63.8





#69

Pentachlorophenol

Concen: 84.98 ng

RT: 11.17 min Scan# 795

Delta R.T. -0.06 min

Lab File: BF084459.D

Acq: 13 Jan 2016 23:28

Instrument :

BNA_F

ClientSampleId :

HSR-WC-15-010516MSD

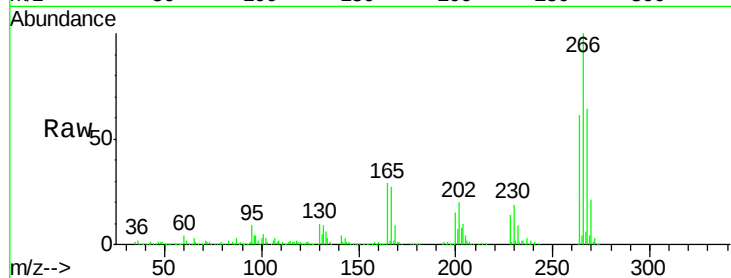
Tot Ion:266 Resp: 522349

Ion Ratio Lower Upper

266 100

268 63.7 52.4 78.6

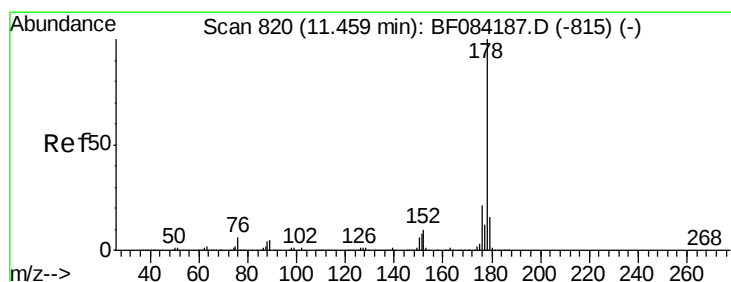
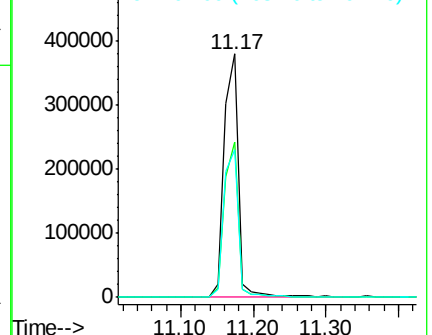
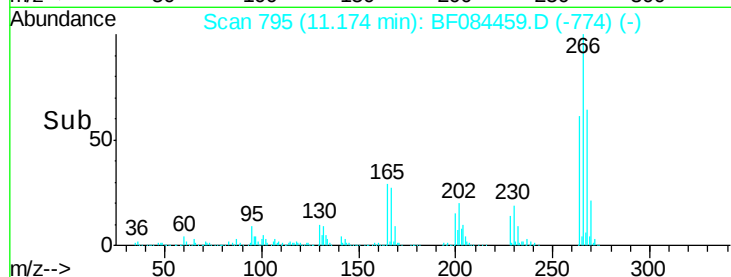
264 60.9 50.2 75.2



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 42.34 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.08 min

Lab File: BF084459.D

Acq: 13 Jan 2016 23:28

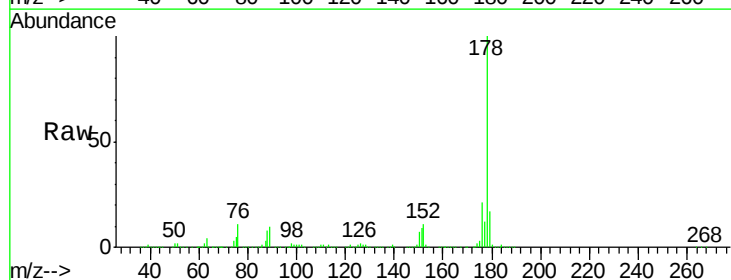
Tgt Ion:178 Resp: 2167359

Ion Ratio Lower Upper

178 100

176 20.7 15.3 22.9

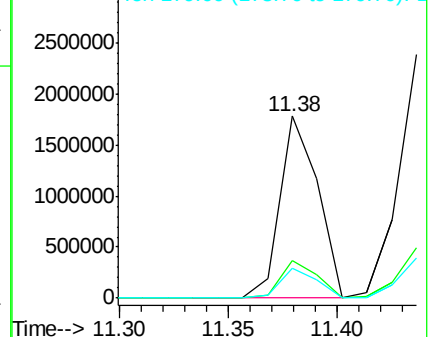
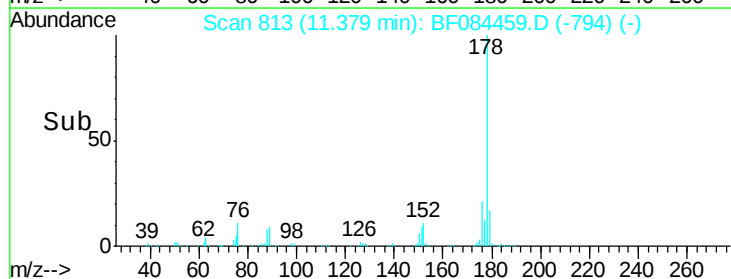
179 16.7 12.0 18.0

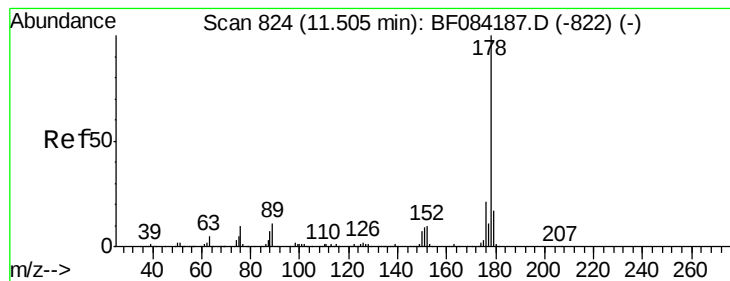


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 45.44 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.07 min

Lab File: BF084459.D

Acq: 13 Jan 2016 23:28

Instrument :

BNA_F

ClientSampleId :

HSR-WC-15-010516MSD

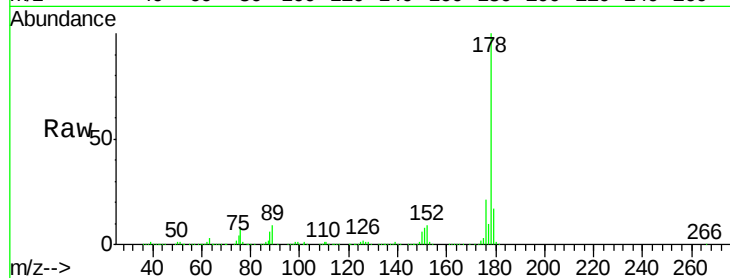
Tot Ion:178 Resp: 2279951

Ion Ratio Lower Upper

178 100

176 20.6 15.4 23.0

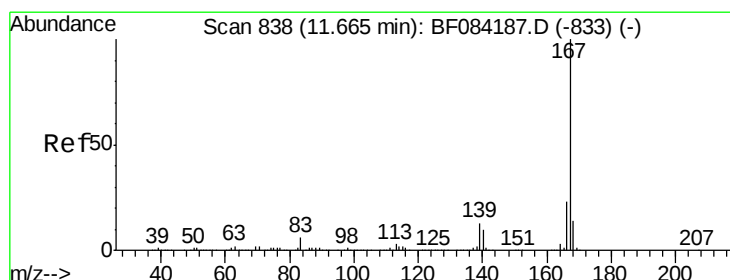
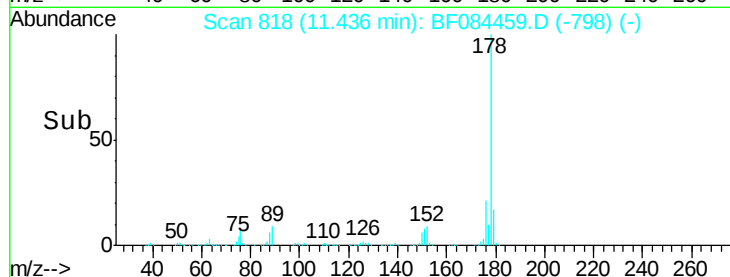
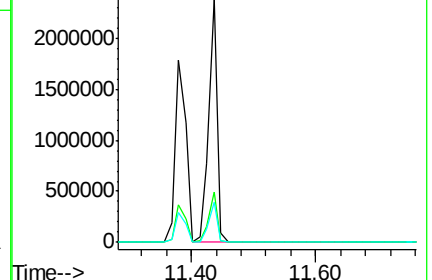
179 16.6 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 44.21 ng

RT: 11.60 min Scan# 832

Delta R.T. -0.07 min

Lab File: BF084459.D

Acq: 13 Jan 2016 23:28

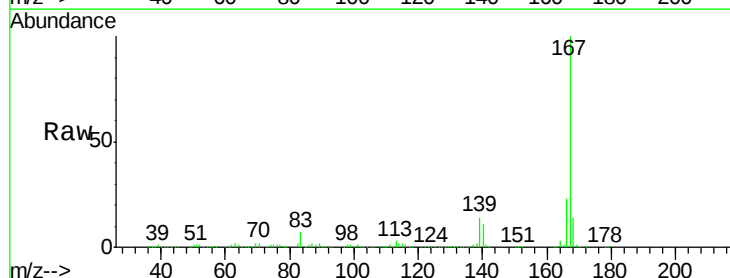
Tgt Ion:167 Resp: 2168771

Ion Ratio Lower Upper

167 100

166 23.4 17.6 26.4

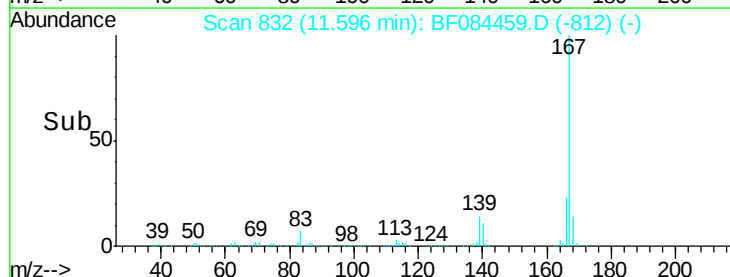
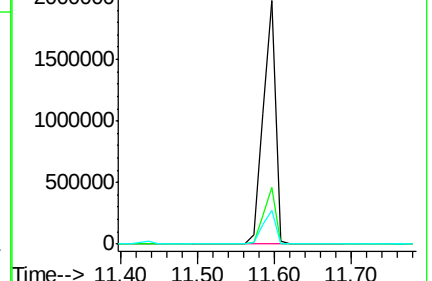
139 13.9 11.8 17.8

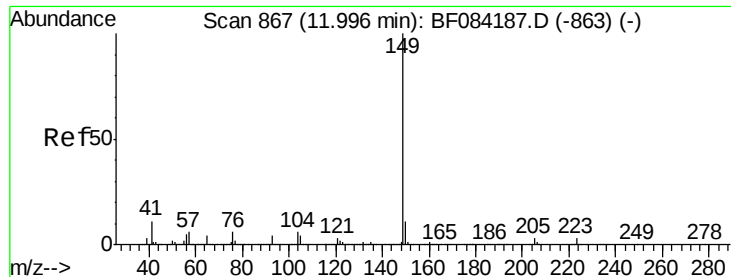


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 49.13 ng

RT: 11.93 min Scan# 861

Delta R.T. -0.07 min

Lab File: BF084459.D

Acq: 13 Jan 2016 23:28

Instrument :

BNA_F

ClientSampleId :

HSR-WC-15-010516MSD

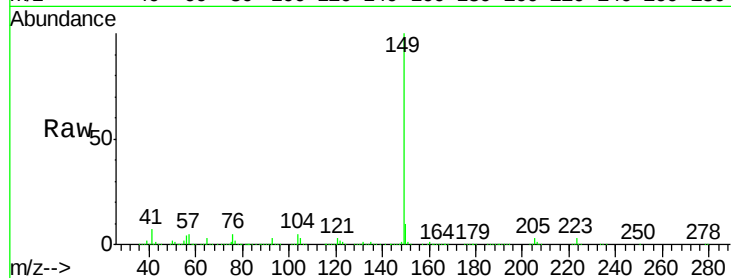
Tot Ion:149 Resp: 2502869

Ion Ratio Lower Upper

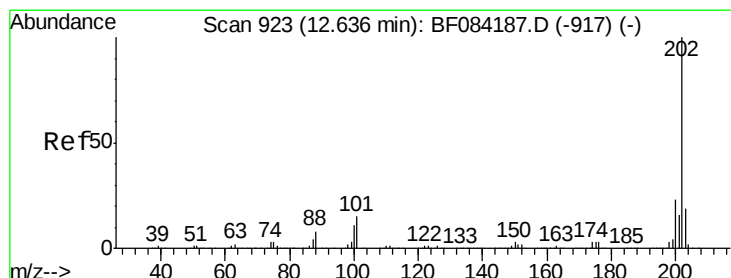
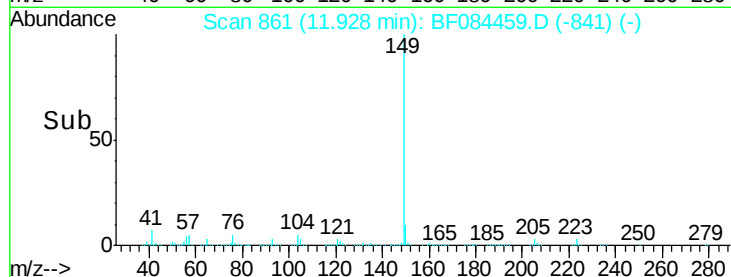
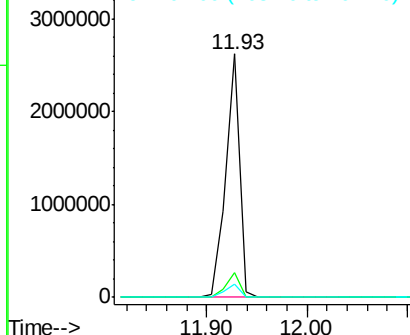
149 100

150 10.2 7.1 10.7

104 5.5 3.2 4.8#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.17 ng

RT: 12.57 min Scan# 917

Delta R.T. -0.07 min

Lab File: BF084459.D

Acq: 13 Jan 2016 23:28

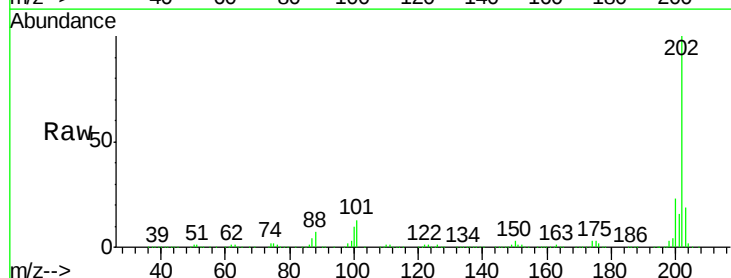
Tgt Ion:202 Resp: 2147779

Ion Ratio Lower Upper

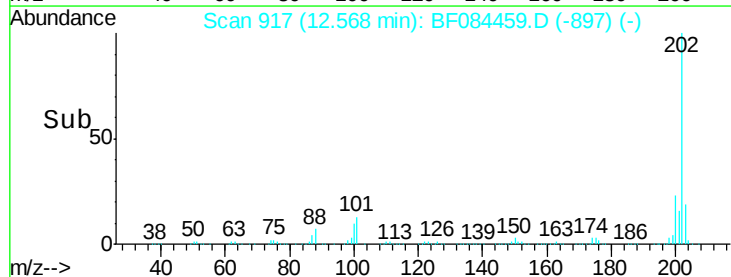
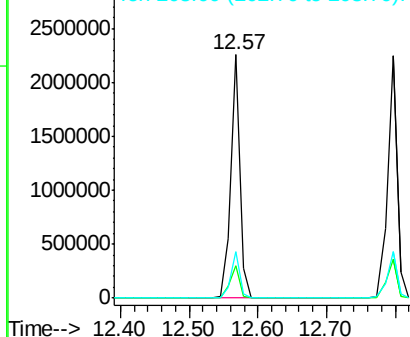
202 100

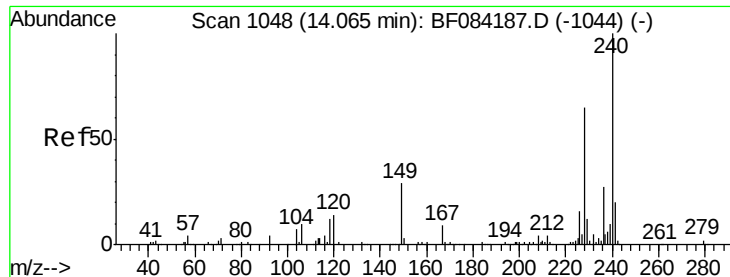
101 13.2 0.0 32.8

203 19.2 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.07 min

Lab File: BF084459.D

Acq: 13 Jan 2016 23:28

Instrument :

BNA_F

ClientSampleId :

HSR-WC-15-010516MSD

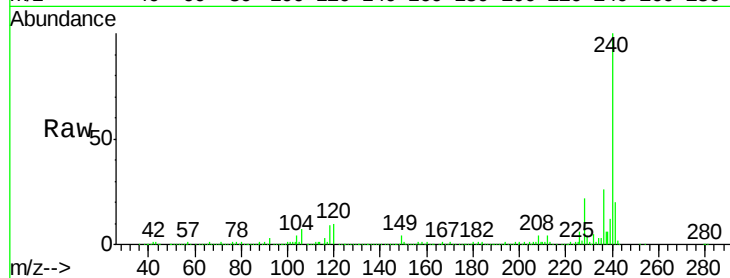
Tot Ion:240 Resp: 780189

Ion Ratio Lower Upper

240 100

120 9.9 9.5 14.3

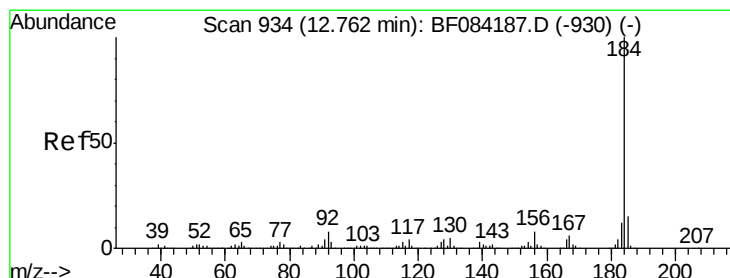
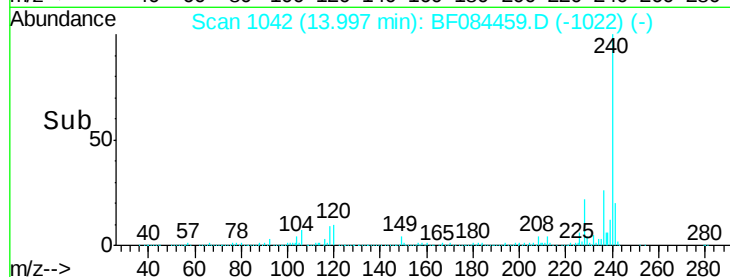
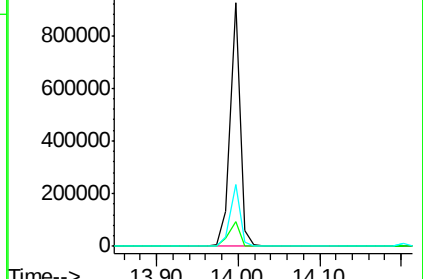
236 25.6 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 2.41 ng

RT: 12.69 min Scan# 928

Delta R.T. -0.07 min

Lab File: BF084459.D

Acq: 13 Jan 2016 23:28

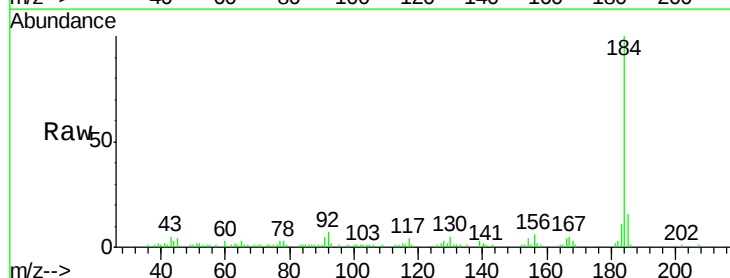
Tgt Ion:184 Resp: 67347

Ion Ratio Lower Upper

184 100

185 15.9 12.2 18.2

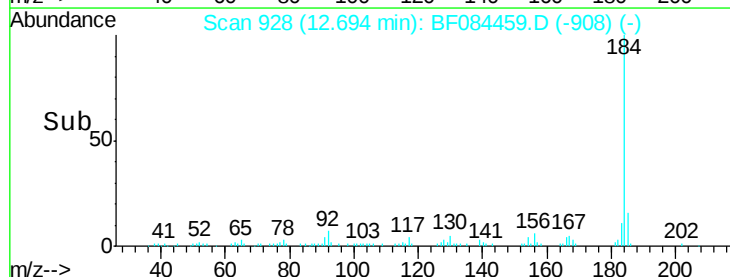
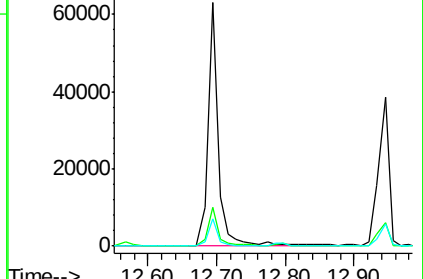
183 11.3 9.8 14.8

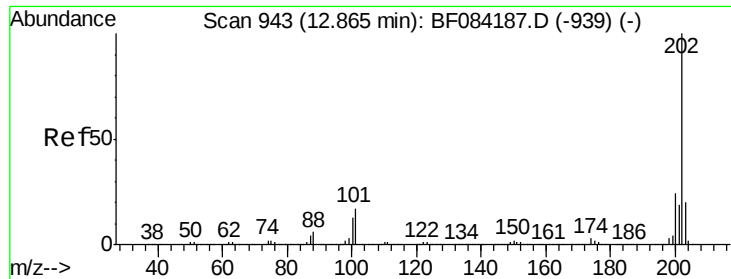


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

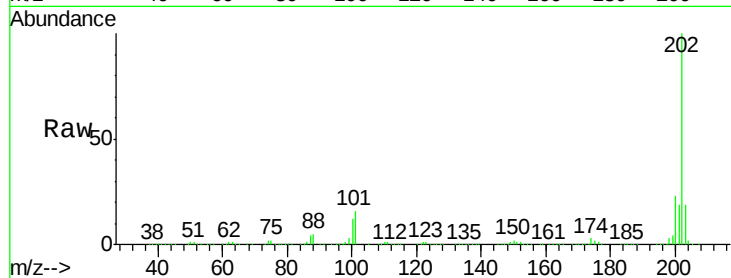




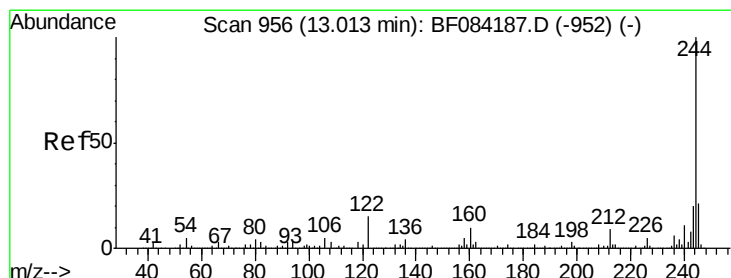
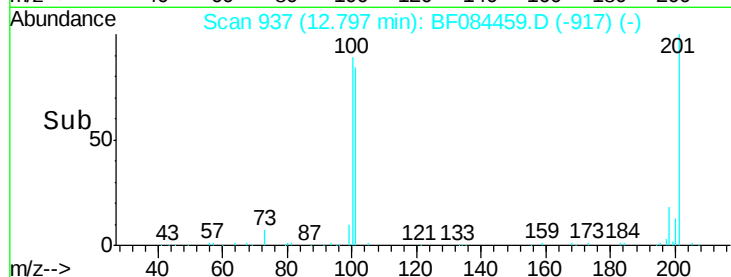
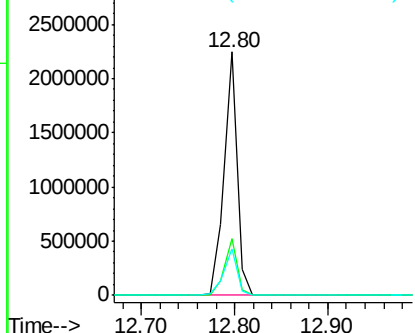
#77
Pvrene
Concen: 35.60 ng
RT: 12.80 min Scan# 937
Delta R.T. -0.07 min
Lab File: BF084459.D
Acq: 13 Jan 2016 23:28

Instrument :
BNA_F
ClientSampleId :
HSR-WC-15-010516MSD

Tot Ion:202 Resp: 2179841
Ion Ratio Lower Upper
202 100
200 23.3 17.2 25.8
203 19.0 14.3 21.5

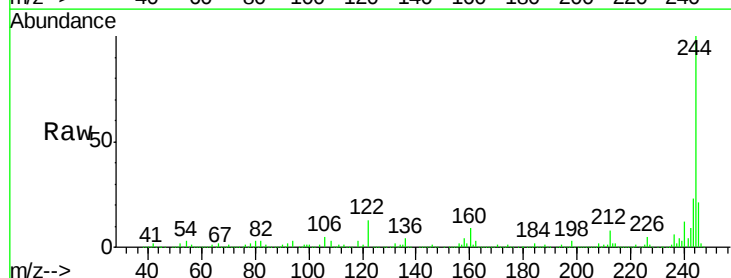


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

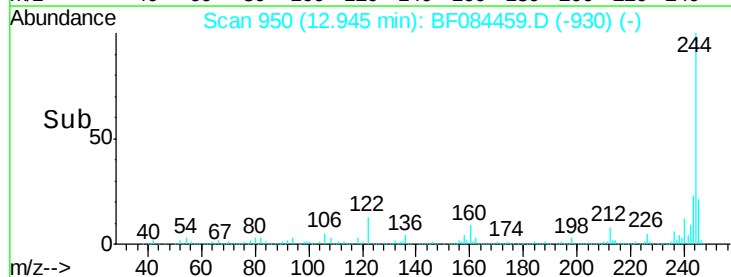
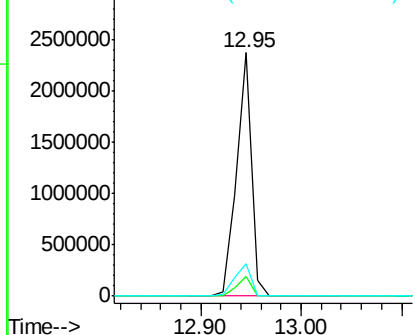


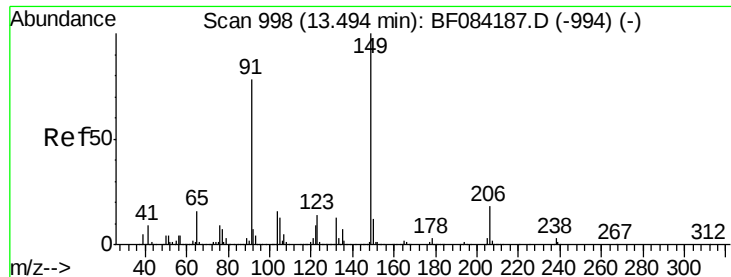
#78
Terphenyl-d14
Concen: 69.88 ng
RT: 12.95 min Scan# 950
Delta R.T. -0.07 min
Lab File: BF084459.D
Acq: 13 Jan 2016 23:28

Tgt Ion:244 Resp: 2442313
Ion Ratio Lower Upper
244 100
212 8.2 5.7 8.5
122 13.4 7.4 11.0#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

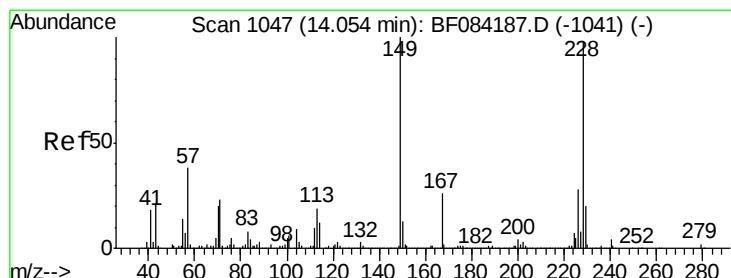
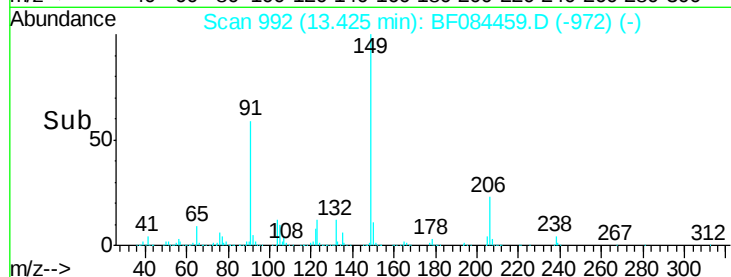
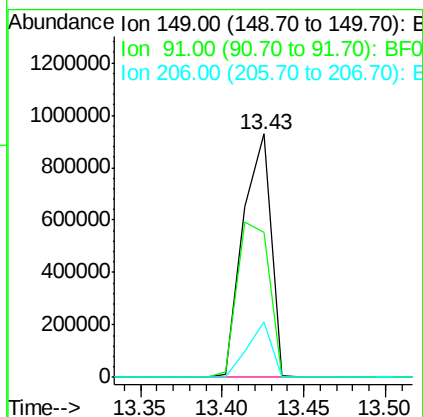
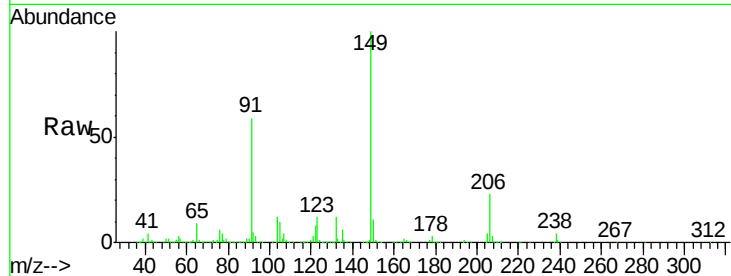




#79
Butylbenzylphthalate
Concen: 41.44 ng
RT: 13.43 min Scan# 992
Delta R.T. -0.07 min
Lab File: BF084459.D
Acq: 13 Jan 2016 23:28

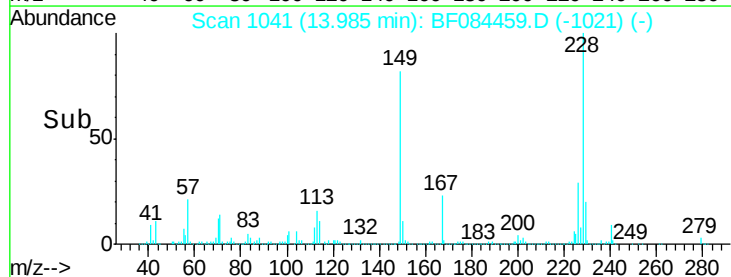
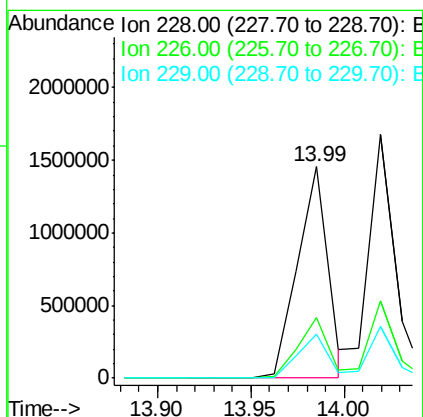
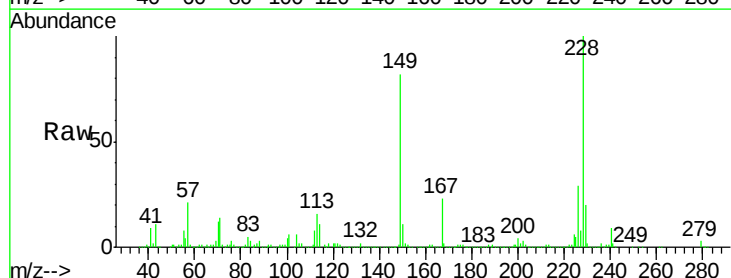
Instrument :
BNA_F
ClientSampleId :
HSR-WC-15-010516MSD

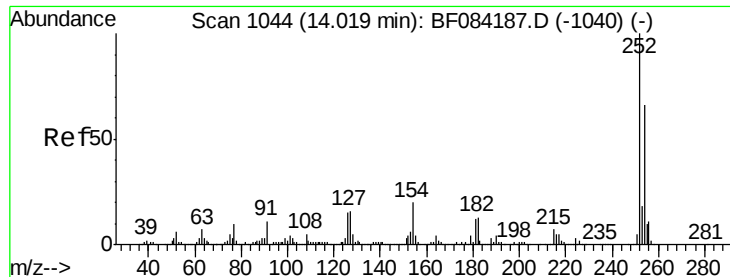
Tot Ion:149 Resp: 1097936
Ion Ratio Lower Upper
149 100
91 59.4 57.6 86.4
206 23.0 13.2 19.8#



#80
Benzo(a)anthracene
Concen: 36.22 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.07 min
Lab File: BF084459.D
Acq: 13 Jan 2016 23:28

Tgt Ion:228 Resp: 1659113
Ion Ratio Lower Upper
228 100
226 28.6 21.8 32.6
229 20.5 15.8 23.8

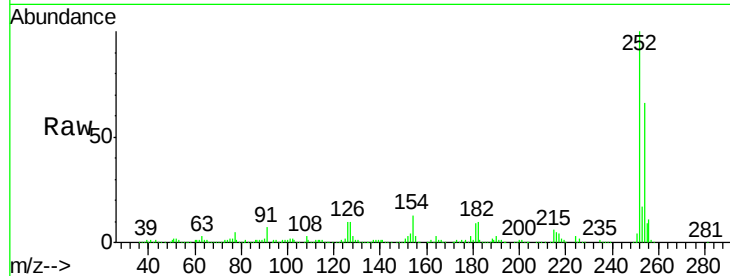




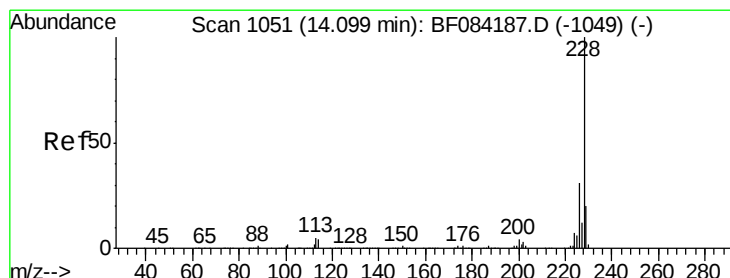
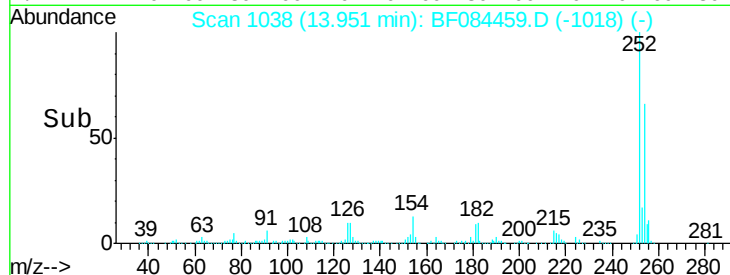
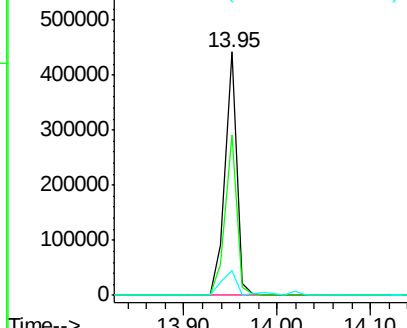
#81
 3,3'-Dichlorobenzidine
 Concen: 24.22 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.07 min
 Lab File: BF084459.D
 Acq: 13 Jan 2016 23:28

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-15-010516MSD

Tot Ion:252 Resp: 387258
 Ion Ratio Lower Upper
 252 100
 254 65.7 53.5 80.3
 126 10.0 4.9 7.3#

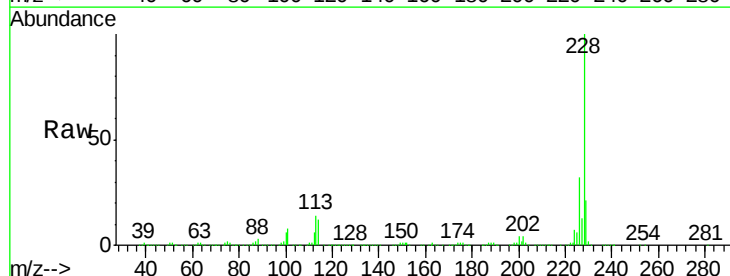


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

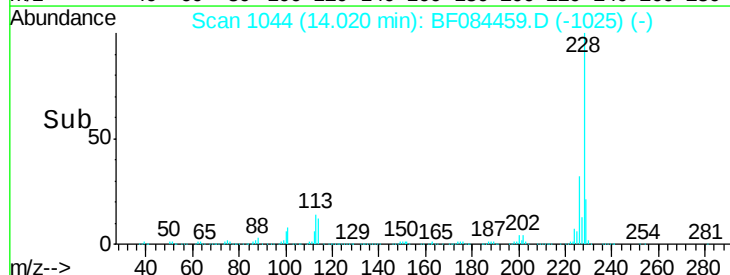
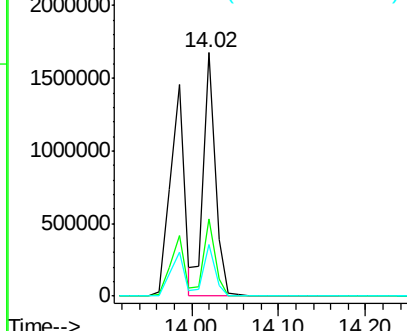


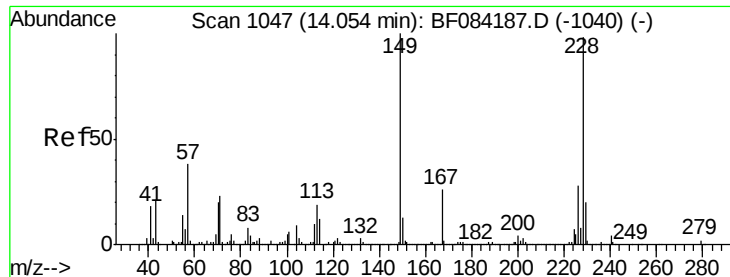
#82
 Chrysene
 Concen: 36.22 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.08 min
 Lab File: BF084459.D
 Acq: 13 Jan 2016 23:28

Tgt Ion:228 Resp: 1594657
 Ion Ratio Lower Upper
 228 100
 226 31.6 24.3 36.5
 229 21.3 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

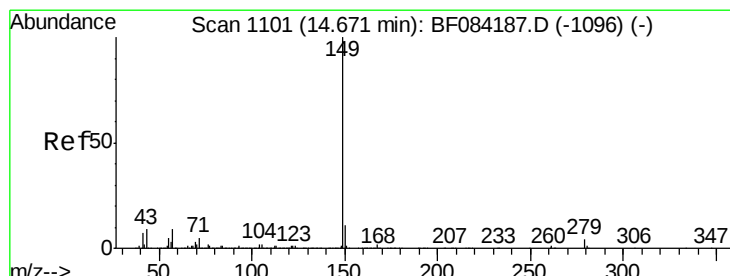
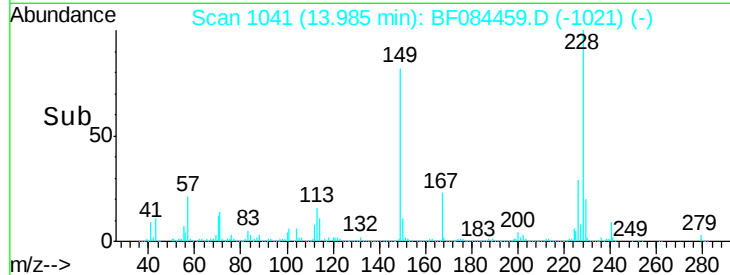
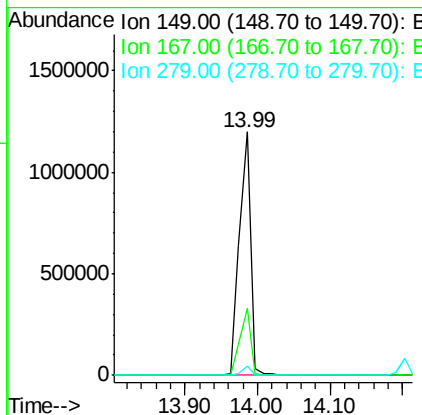
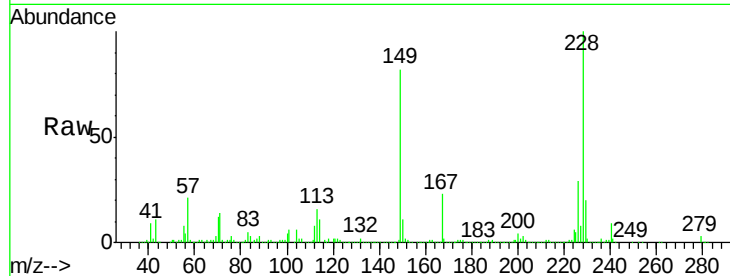




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.05 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.07 min
 Lab File: BF084459.D
 Acq: 13 Jan 2016 23:28

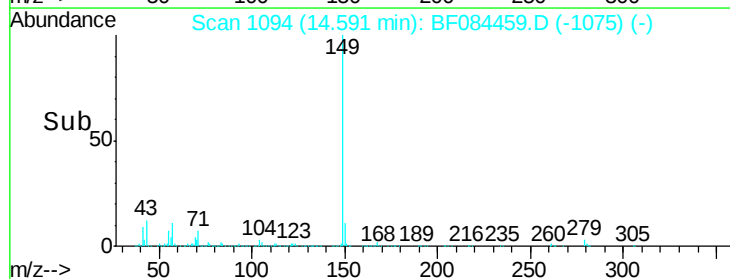
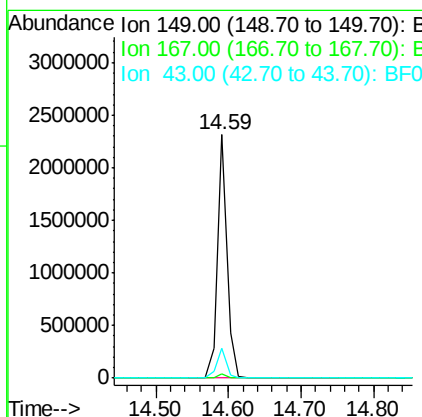
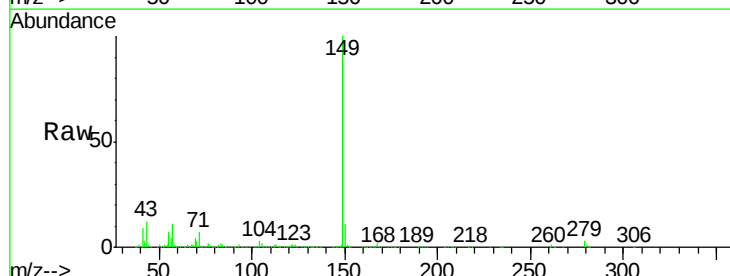
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-15-010516MSD

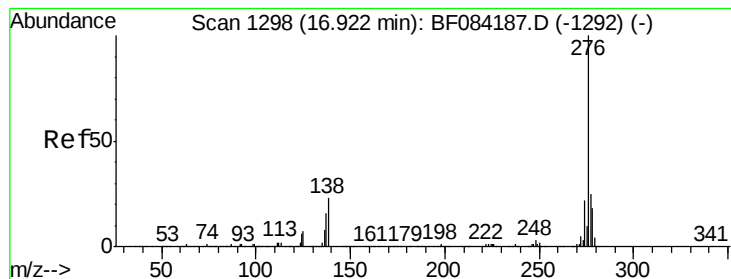
Tot Ion:149 Resp: 1307153
 Ion Ratio Lower Upper
 149 100
 167 27.4 19.7 29.5
 279 3.8 1.8 2.6#



#84
 Di-n-octyl phthalate
 Concen: 37.30 ng
 RT: 14.59 min Scan# 1094
 Delta R.T. -0.08 min
 Lab File: BF084459.D
 Acq: 13 Jan 2016 23:28

Tgt Ion:149 Resp: 2107802
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 12.1 5.6 8.4#





#85

Indeno(1,2,3-cd)pyrene

Concen: 39.56 ng

RT: 16.80 min Scan# 1287

Delta R.T. -0.13 min

Lab File: BF084459.D

Acq: 13 Jan 2016 23:28

Instrument :

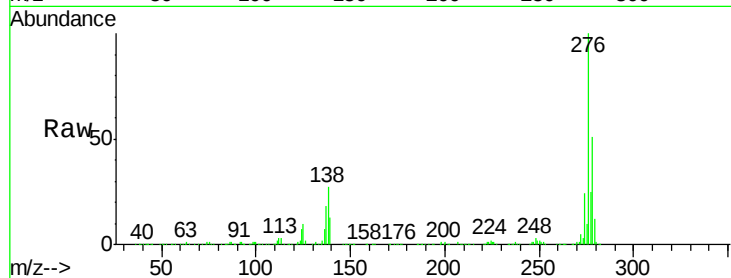
BNA_F

ClientSampleId :

HSR-WC-15-010516MSD

Tot Ion:276 Resp: 1380600

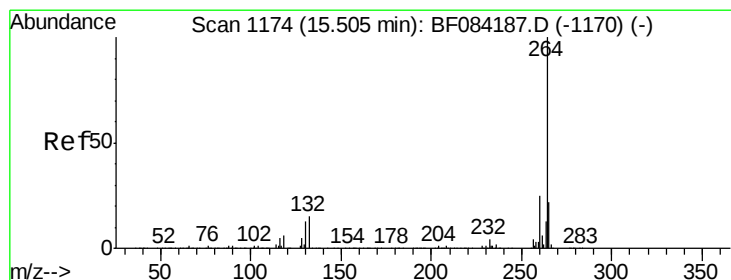
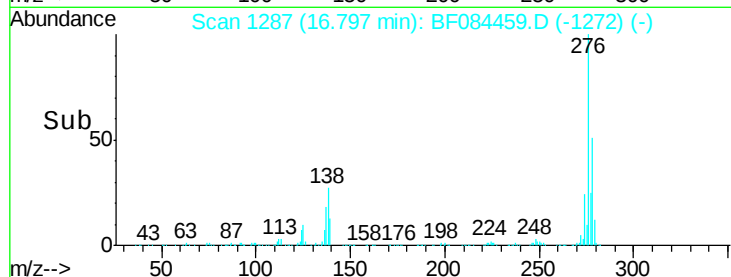
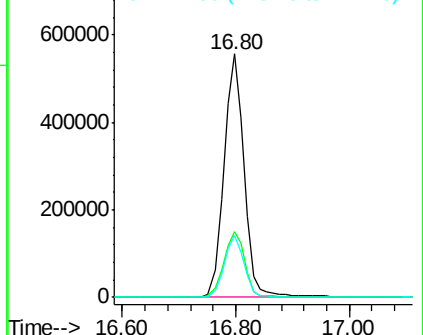
Ion	Ratio	Lower	Upper
276	100		
138	28.3	20.6	30.8
277	25.4	20.1	30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.41 min Scan# 1166

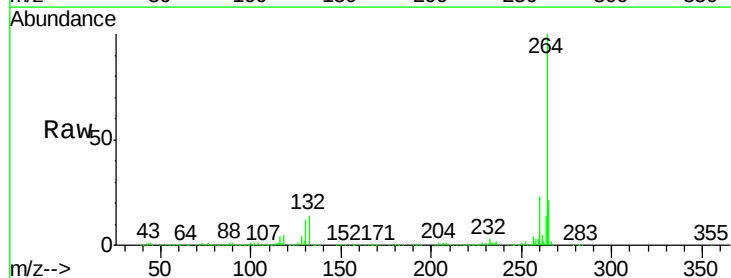
Delta R.T. -0.09 min

Lab File: BF084459.D

Acq: 13 Jan 2016 23:28

Tgt Ion:264 Resp: 571120

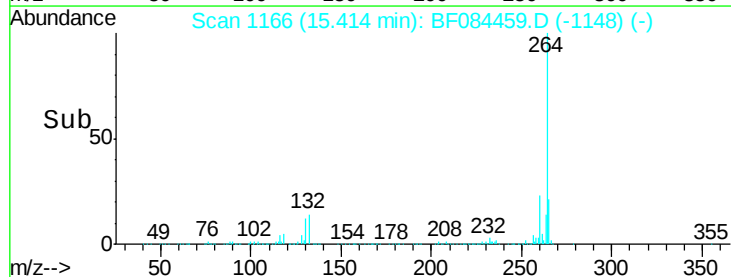
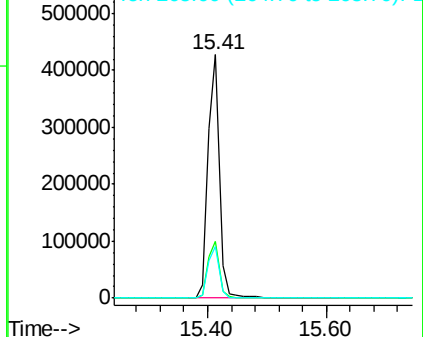
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.2
265	21.4	17.8	26.6

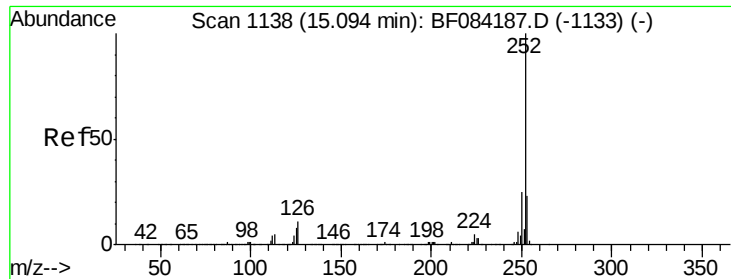


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 78.80 ng

RT: 15.04 min Scan# 1133

Delta R.T. -0.06 min

Lab File: BF084459.D

Acq: 13 Jan 2016 23:28

Instrument :

BNA_F

ClientSampleId :

HSR-WC-15-010516MSD

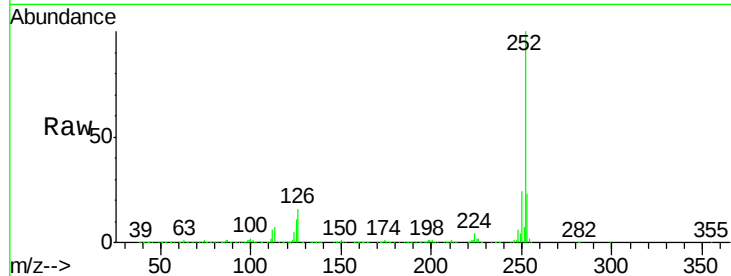
Tot Ion:252 Resp: 2944047

Ion Ratio Lower Upper

252 100

253 23.0 17.3 25.9

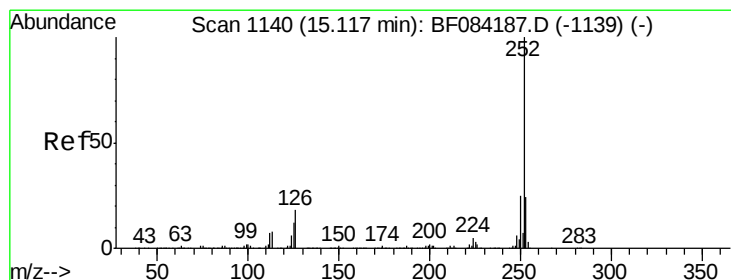
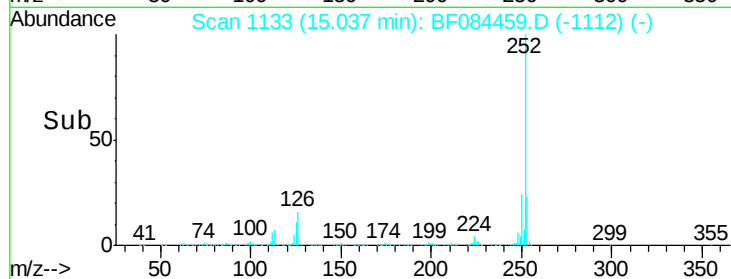
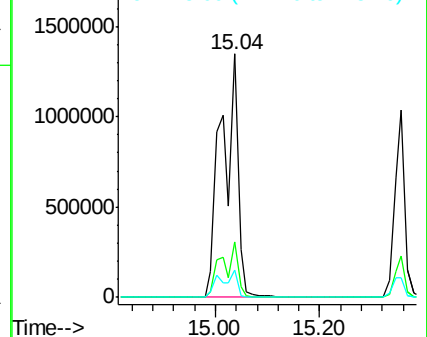
125 11.0 6.5 9.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 96.40 ng

RT: 15.04 min Scan# 1133

Delta R.T. -0.08 min

Lab File: BF084459.D

Acq: 13 Jan 2016 23:28

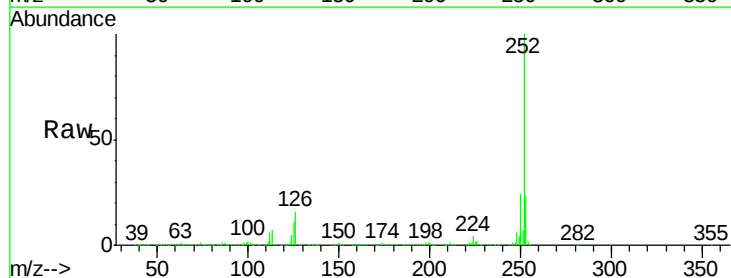
Tgt Ion:252 Resp: 2945441

Ion Ratio Lower Upper

252 100

253 23.0 18.1 27.1

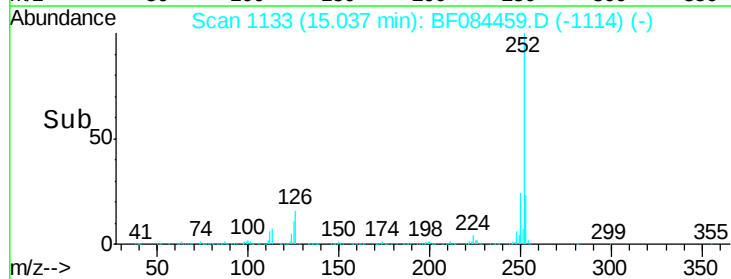
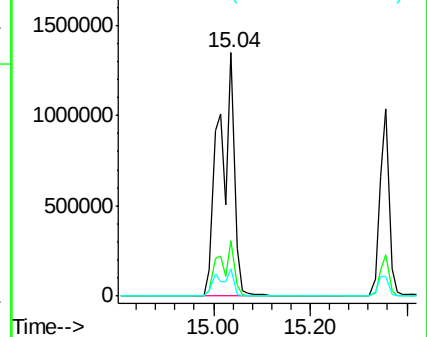
125 11.0 9.0 13.6

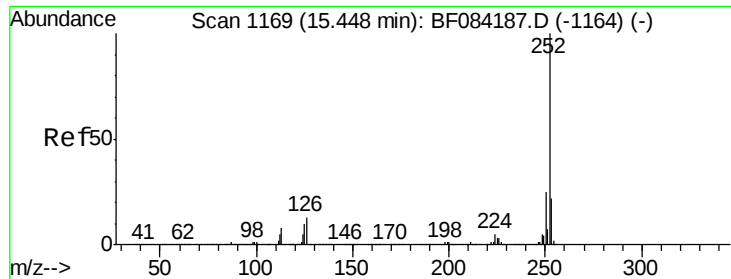


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

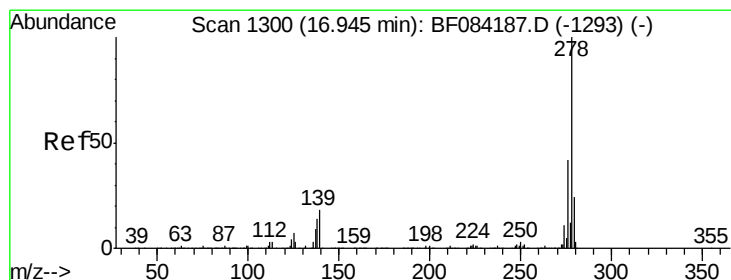
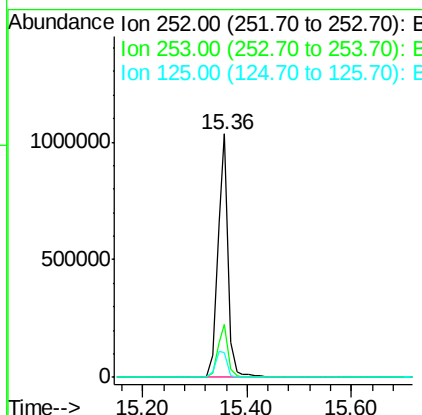
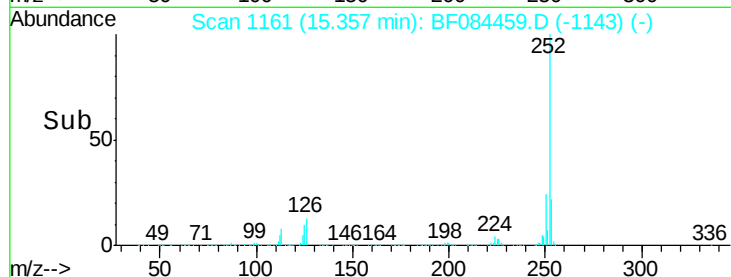
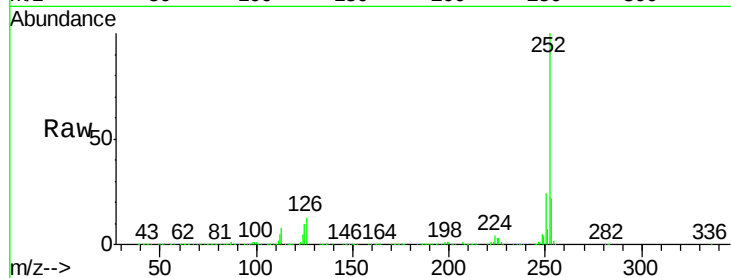




#89
Benzo(a)pyrene
Concen: 43.38 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.09 min
Lab File: BF084459.D
Acq: 13 Jan 2016 23:28

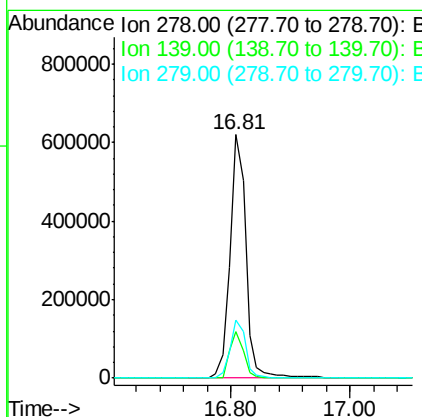
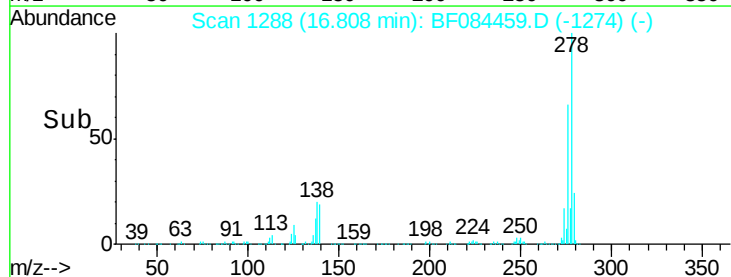
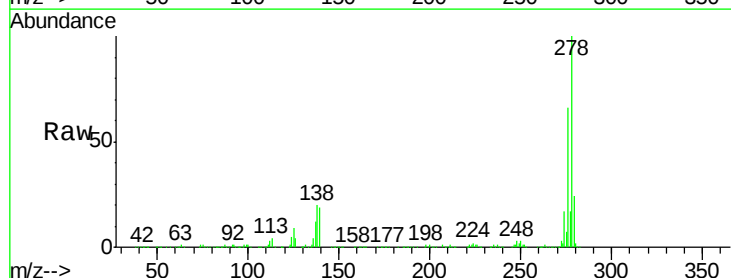
Instrument :
BNA_F
ClientSampleId :
HSR-WC-15-010516MSD

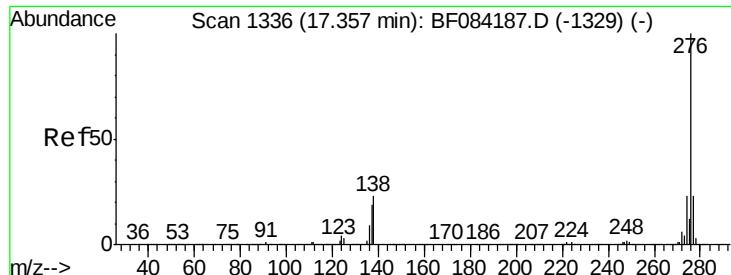
Tot Ion:252 Resp: 1374748
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 10.3 7.0 10.4



#90
Dibenzo(a,h)anthracene
Concen: 42.36 ng
RT: 16.81 min Scan# 1288
Delta R.T. -0.14 min
Lab File: BF084459.D
Acq: 13 Jan 2016 23:28

Tgt Ion:278 Resp: 1155169
Ion Ratio Lower Upper
278 100
139 19.0 15.0 22.4
279 23.9 18.9 28.3





#91

Benzo(a,h,i)perylene

Concen: 42.15 ng

RT: 17.22 min Scan# 1324

Delta R.T. -0.14 min

Lab File: BF084459.D

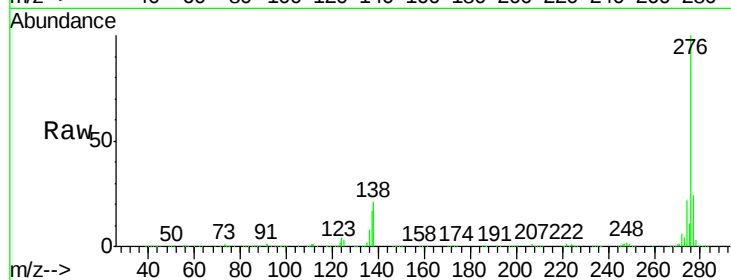
Acq: 13 Jan 2016 23:28

Instrument :

BNA_F

ClientSampleId :

HSR-WC-15-010516MSD



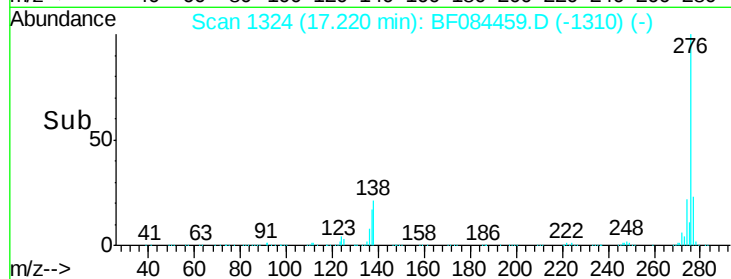
Tot Ion:276 Resp: 1190346

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 21.5 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

