

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
 Data File : BF084458.D
 Acq On : 13 Jan 2016 23:00
 Operator : SJ/UM
 Sample : H1083-01MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Jan 14 11:14:19 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	270983	20.00	ng	-0.07
21) Naphthalene-d8	8.12	136	1137514	20.00	ng	-0.07
38) Acenaphthene-d10	9.87	164	524699	20.00	ng	-0.08
63) Phenanthrene-d10	11.36	188	977044	20.00	ng	-0.07
75) Chrysene-d12	14.00	240	776018	20.00	ng	-0.07
86) Perylene-d12	15.41	264	557799	20.00	ng	-0.09

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	2156235	128.70	ng	-0.03
7) Phenol-d6	6.49	99	2531969	120.33	ng	-0.05
23) Nitrobenzene-d5	7.40	82	1800617	88.10	ng	-0.07
41) 2,4,6-Tribromophenol	10.67	330	723686	136.61	ng	-0.07
44) 2-Fluorobiphenyl	9.20	172	2894121	98.00	ng	-0.07
78) Terphenyl-d14	12.94	244	2524160	72.61	ng	-0.07

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.62	88	345216	43.50	ng	# 78
3) Pyridine	3.32	79	858779	38.81	ng	# 77
4) n-Nitrosodimethylamine	3.24	42	472387	41.59	ng	# 93
6) Aniline	6.51	93	206770	6.72	ng	# 67
8) 2-Chlorophenol	6.62	128	891491	46.90	ng	89
9) Benzaldehyde	6.38	77	127544	9.31	ng	96
10) Phenol	6.50	94	938973	39.25	ng	93
11) bis(2-Chloroethyl)ether	6.58	93	901416	48.64	ng	84
12) 1,3-Dichlorobenzene	6.77	146	849658	43.33	ng	# 92
13) 1,4-Dichlorobenzene	6.85	146	913804	46.47	ng	96
14) 1,2-Dichlorobenzene	6.85	146	913804	48.53	ng	99
15) Benzyl Alcohol	6.99	79	771977	43.61	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1472948	43.65	ng	96
17) 2-Methylphenol	7.10	107	755172	47.40	ng	94
18) Hexachloroethane	7.34	117	349112	44.40	ng	93
19) n-Nitroso-di-n-propylamine	7.26	70	659705	46.32	ng	# 84
20) 3+4-Methylphenols	7.26	107	891096	47.59	ng	# 88
22) Acetophenone	7.25	105	1239289	45.31	ng	# 95
24) Nitrobenzene	7.42	77	1050274	50.66	ng	98
25) Isophorone	7.66	82	1822392	46.62	ng	98
26) 2-Nitrophenol	7.73	139	508578	53.91	ng	# 80
27) 2,4-Dimethylphenol	7.79	122	913724	47.85	ng	89
28) bis(2-Chloroethoxy)methane	7.88	93	1180724	49.45	ng	97
29) 2,4-Dichlorophenol	7.98	162	747153	46.97	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	796527	48.50	ng	96
31) Naphthalene	8.14	128	2949714	57.16	ng	96
32) Benzoic acid	7.93	122	573710	46.87	ng	97
33) 4-Chloroaniline	8.20	127	176581	7.46	ng	94
34) Hexachlorobutadiene	8.26	225	418232	44.30	ng	99
35) Caprolactam	8.58	113	166020	30.96	ng	# 56
36) 4-Chloro-3-methylphenol	8.69	107	876514	49.19	ng	99
37) 2-Methylnaphthalene	8.83	142	1803669	48.69	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	691875	45.87	ng	98
40) Hexachlorocyclopentadiene	8.99	237	728773	80.03	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	520421	46.11	nq	98
43) 2,4,5-Trichlorophenol	9.16	196	521466	48.20	nq	# 85
45) 1,1'-Biphenyl	9.30	154	1961029	47.03	nq	98
46) 2-Chloronaphthalene	9.32	162	1496353	45.68	nq	95
47) 2-Nitroaniline	9.42	65	586890	54.29	nq	92
48) Acenaphthylene	9.74	152	2475019	51.14	nq	98
49) Dimethylphthalate	9.61	163	1828960	48.76	nq	# 90
50) 2,6-Dinitrotoluene	9.66	165	396068	48.14	nq	# 56
51) Acenaphthene	9.90	154	1791978	55.20	nq	98
52) 3-Nitroaniline	9.84	138	90771	8.90	nq	# 75
53) 2,4-Dinitrophenol	9.94	184	430793	121.01	nq	# 78
54) Dibenzofuran	10.09	168	2210750	53.12	nq	98
55) 4-Nitrophenol	10.02	139	753905	101.88	nq	91
56) 2,4-Dinitrotoluene	10.08	165	568727	54.62	nq	# 86
57) Fluorene	10.43	166	1660869	51.43	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	440749	47.72	nq	93
59) Diethylphthalate	10.30	149	1744662	47.17	nq	98
60) 4-Chlorophenyl-phenylether	10.42	204	769516	58.47	nq	98
61) 4-Nitroaniline	10.45	138	416252	45.81	nq	90
62) Azobenzene	10.58	77	2070699	51.05	nq	93
64) 4,6-Dinitro-2-methylphenol	10.48	198	298335	50.70	nq	# 76
65) n-Nitrosodiphenylamine	10.54	169	1543691	49.42	nq	98
66) 4-Bromophenyl-phenylether	10.91	248	531450	50.54	nq	97
67) Hexachlorobenzene	10.97	284	521202	44.03	nq	# 82
68) Atrazine	11.07	200	447735	43.80	nq	98
69) Pentachlorophenol	11.17	266	616800	100.50	nq	99
70) Phenanthrene	11.39	178	2661719	52.08	nq	97
71) Anthracene	11.44	178	2339269	46.69	nq	96
72) Carbazole	11.60	167	2378868	48.57	nq	97
73) Di-n-butylphthalate	11.93	149	2703414	54.81	nq	# 95
74) Fluoranthene	12.57	202	2328181	43.61	nq	97
76) Benzidine	12.69	184	107782	3.87	nq	97
77) Pyrene	12.80	202	2379229	39.07	nq	96
79) Butylbenzylphthalate	13.42	149	1266482	48.06	nq	# 94
80) Benzo(a)anthracene	13.98	228	1988030	43.63	nq	97
81) 3,3'-Dichlorobenzidine	13.95	252	313541	19.72	nq	# 95
82) Chrysene	14.02	228	1667371	38.08	nq	98
83) Bis(2-ethylhexyl)phthalate	13.98	149	1428592	42.91	nq	# 96
84) Di-n-octyl phthalate	14.59	149	2333967	41.53	nq	# 87
85) Indeno(1,2,3-cd)pyrene	16.80	276	1591331	45.85	nq	98
87) Benzo(b)fluoranthene	15.04	252	3338045	91.48	nq	# 95
88) Benzo(k)fluoranthene	15.04	252	3338621	111.88	nq	99
89) Benzo(a)pyrene	15.36	252	1551853	50.14	nq	# 97
90) Dibenzo(a,h)anthracene	16.82	278	1311247	49.24	nq	# 96
91) Benzo(g,h,i)perylene	17.22	276	1354578	49.12	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: BF084458.D

Acq: 13 Jan 2016 23:00

Instrument :

BNA_F

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HSR-WC-15-010516MS

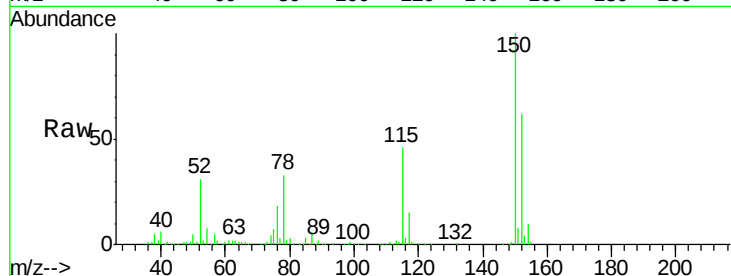
Tot Ion:152 Resp: 270983

Ion Ratio Lower Upper

152 100

150 162.3 123.0 184.4

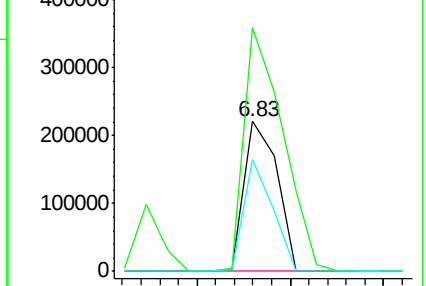
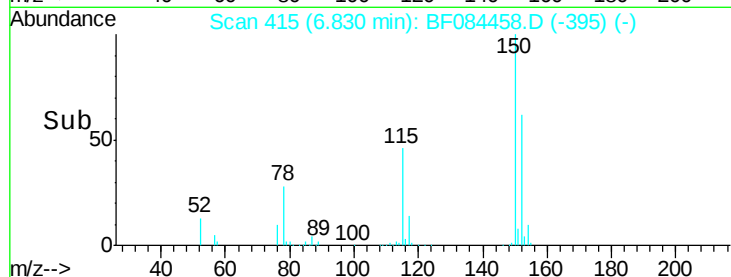
115 74.3 51.4 77.2



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: 43.50 ng

RT: 2.62 min Scan# 47

Delta R.T. 0.09 min

Lab File: BF084458.D

Acq: 13 Jan 2016 23:00

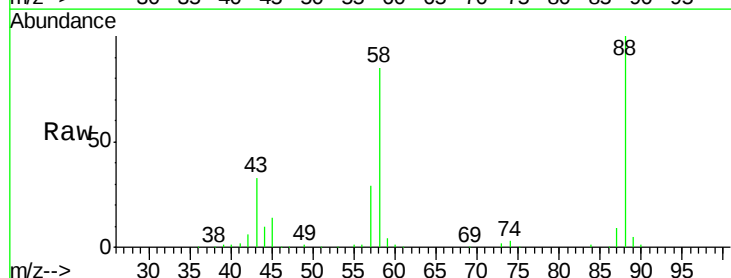
Tgt Ion: 88 Resp: 345216

Ion Ratio Lower Upper

88 100

58 83.8 51.2 76.8#

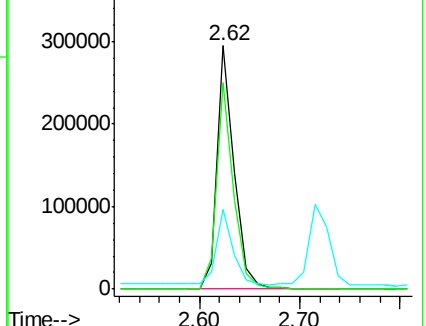
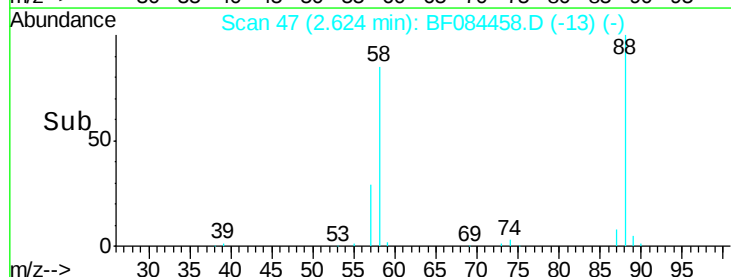
43 30.2 19.5 29.3#

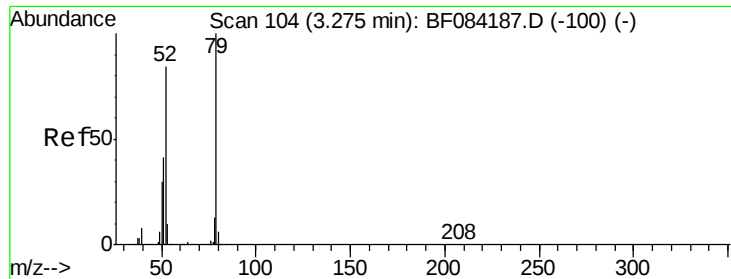


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 38.81 ng

RT: 3.32 min Scan# 108

Delta R.T. 0.05 min

Lab File: BF084458.D

Acq: 13 Jan 2016 23:00

Instrument :

BNA_F

ClientSampleId :

HSR-WC-15-010516MS

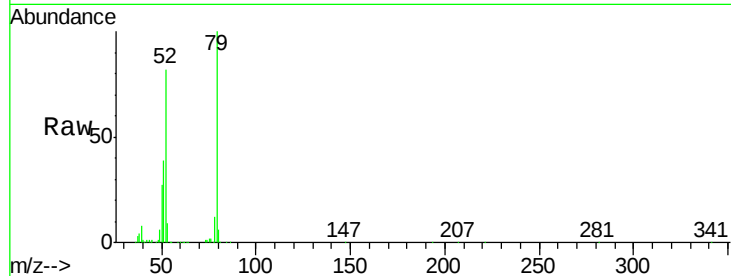
Tot Ion: 79 Resp: 858779

Ion Ratio Lower Upper

79 100

52 82.2 49.0 73.4#

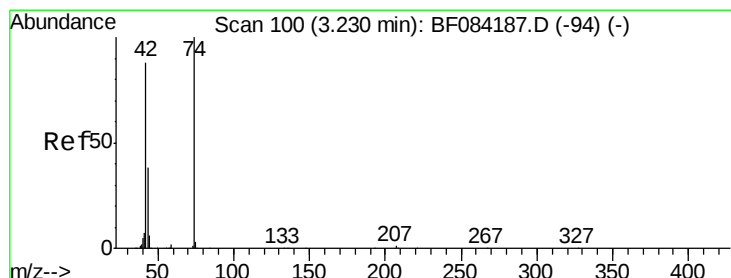
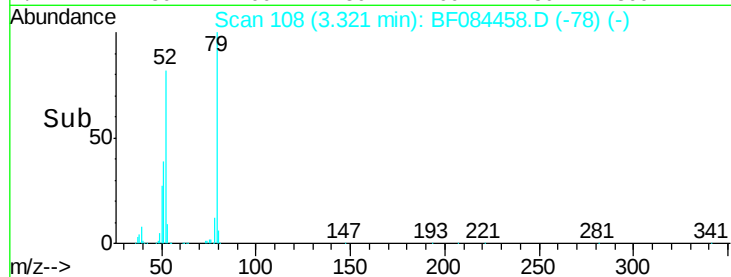
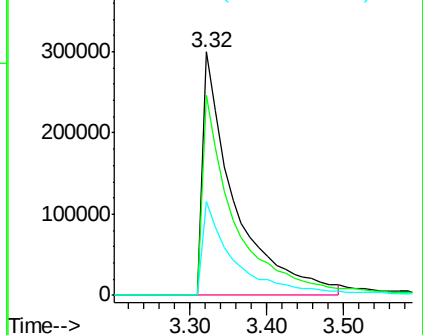
51 38.8 25.2 37.8#



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: 41.59 ng

RT: 3.24 min Scan# 101

Delta R.T. 0.01 min

Lab File: BF084458.D

Acq: 13 Jan 2016 23:00

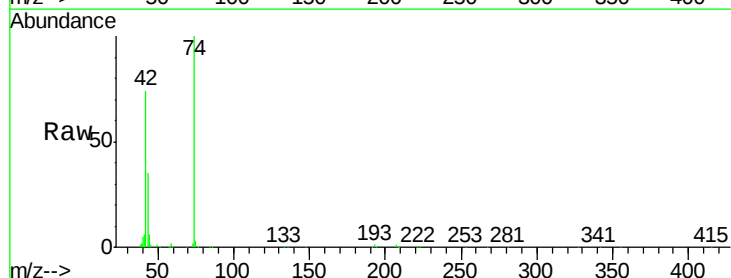
Tgt Ion: 42 Resp: 472387

Ion Ratio Lower Upper

42 100

74 135.1 115.7 173.5

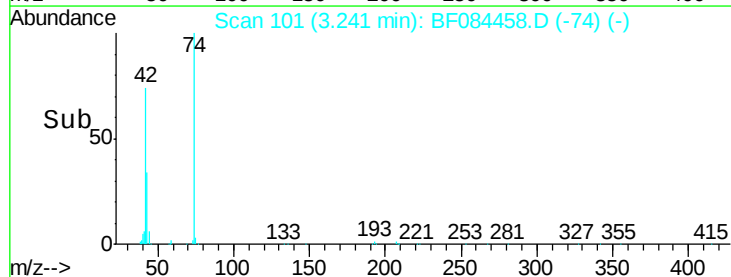
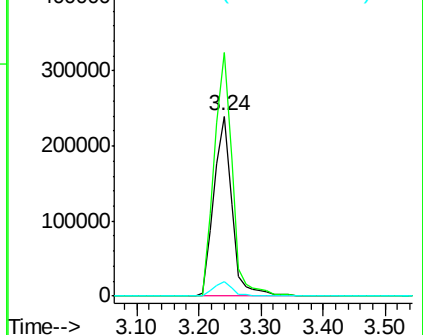
44 7.8 5.1 7.7#

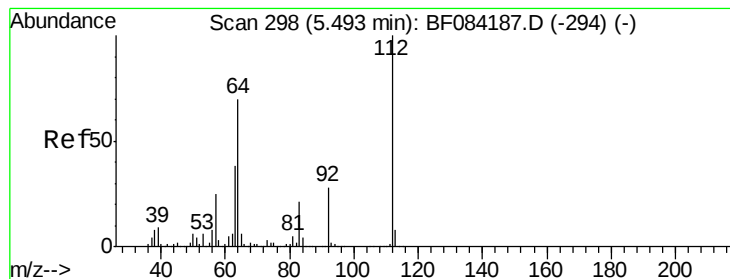


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 128.70 ng

RT: 5.46 min Scan# 295

Delta R.T. -0.03 min

Lab File: BF084458.D

Acq: 13 Jan 2016 23:00

Instrument :

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HSR-WC-15-010516MS

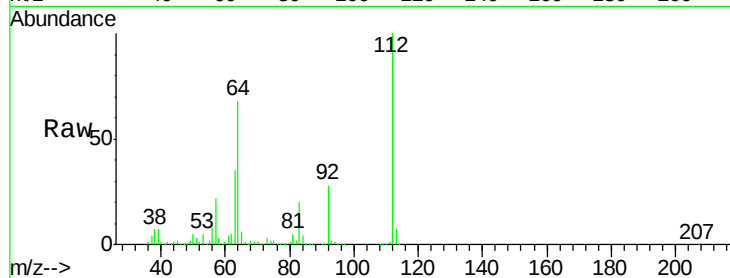
Tot Ion:112 Resp: 2156235

Ion Ratio Lower Upper

112 100

64 68.2 36.6 55.0#

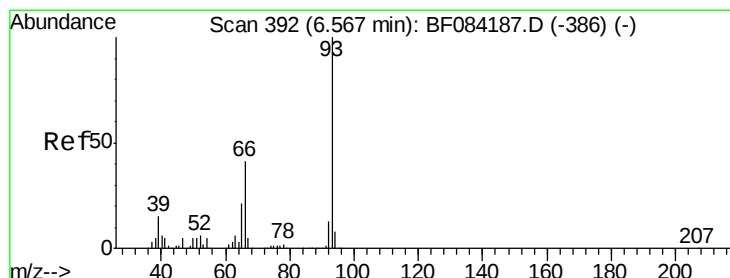
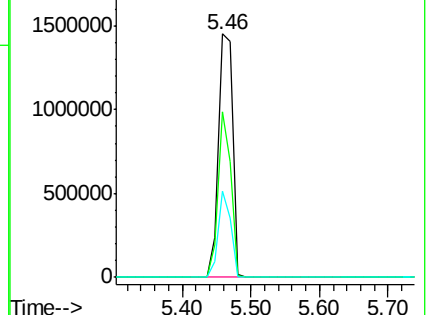
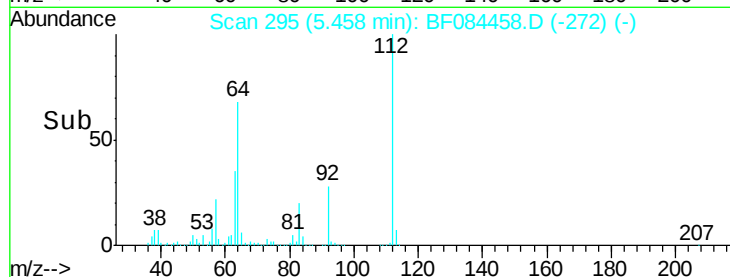
63 35.4 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 6.72 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.06 min

Lab File: BF084458.D

Acq: 13 Jan 2016 23:00

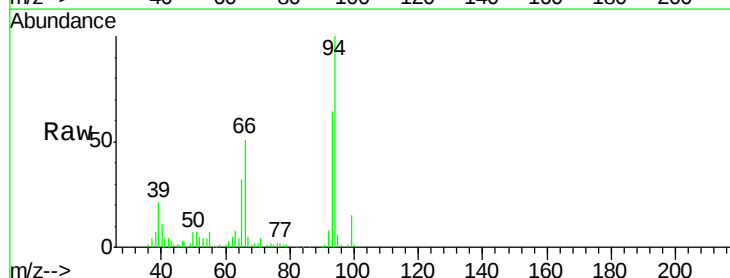
Tgt Ion: 93 Resp: 206770

Ion Ratio Lower Upper

93 100

66 79.2 44.9 67.3#

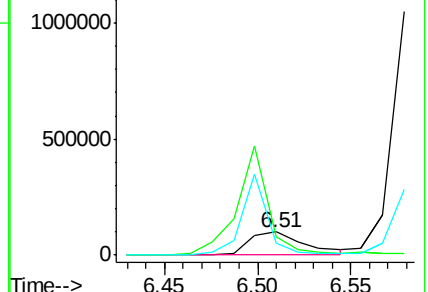
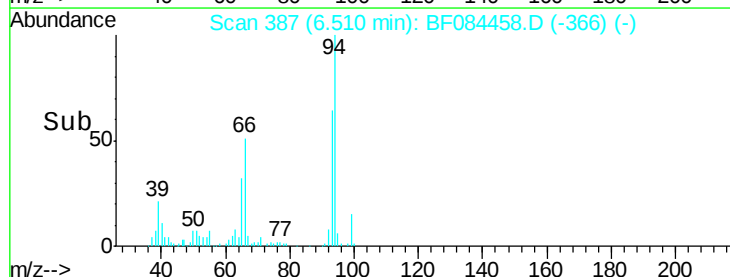
65 49.5 23.7 35.5#

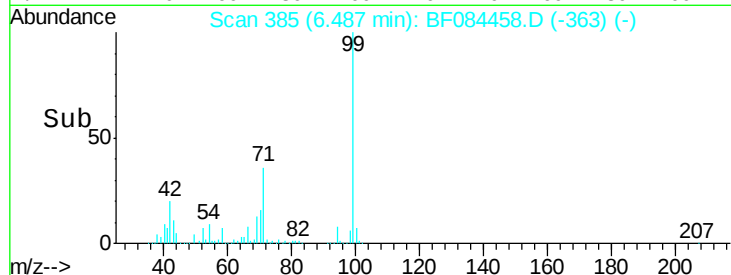
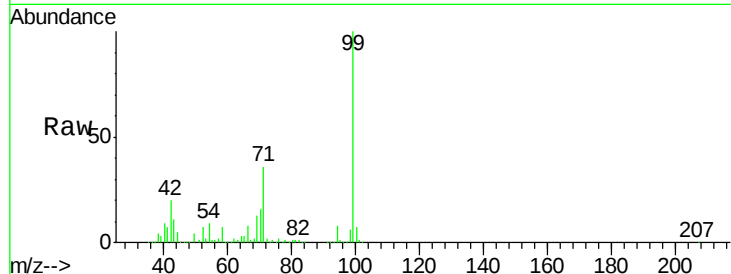
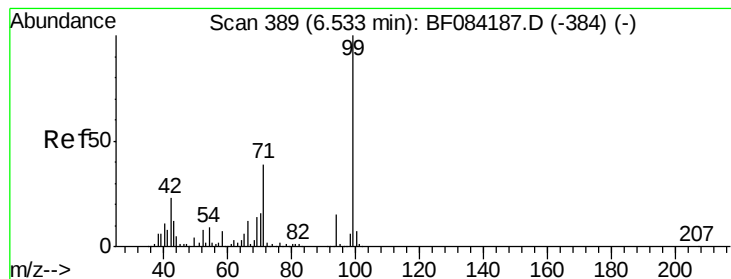


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 120.33 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.05 min

Lab File: BF084458.D

Acq: 13 Jan 2016 23:00

Instrument :

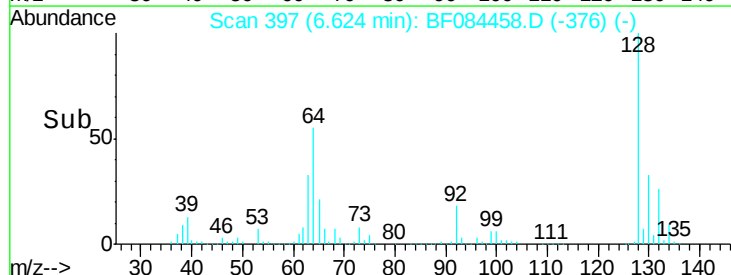
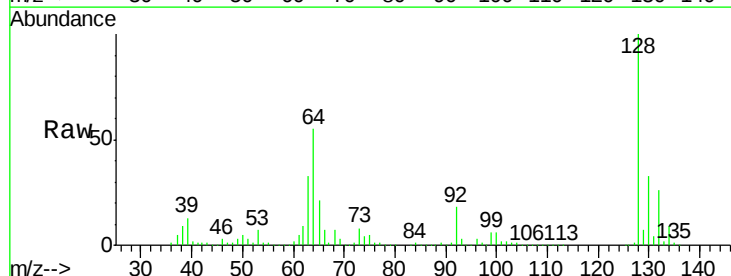
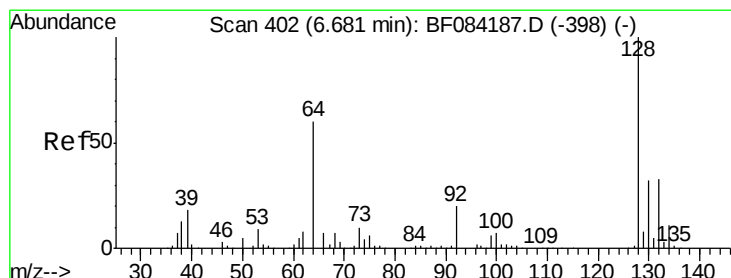
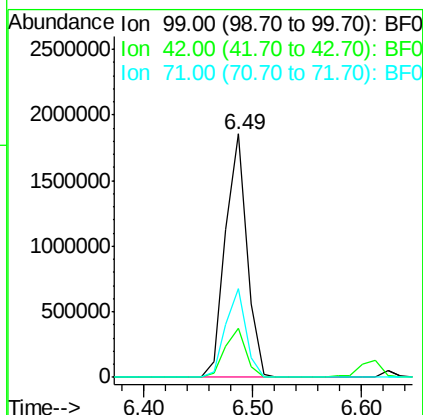
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Tot Ion: 99 Resp: 2531969

Ion	Ratio	Lower	Upper
99	100		
42	20.0	12.8	19.2#
71	36.4	30.9	46.3



#8

2-Chlorophenol

Concen: 46.90 ng

RT: 6.62 min Scan# 397

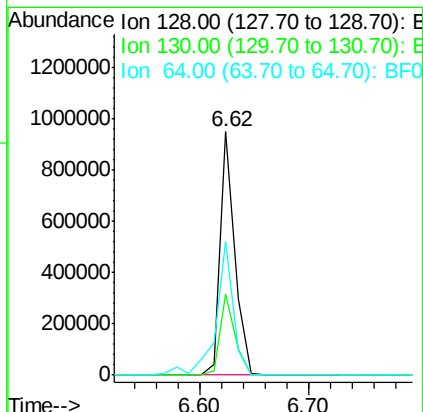
Delta R.T. -0.06 min

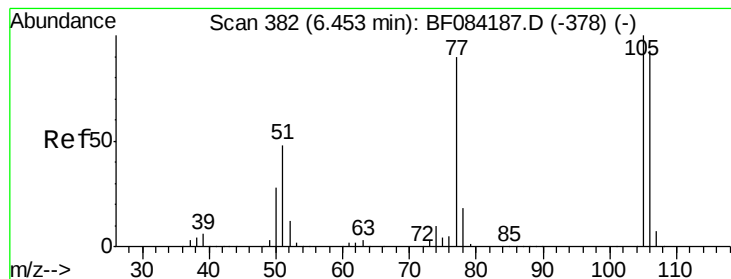
Lab File: BF084458.D

Acq: 13 Jan 2016 23:00

Tgt Ion:128 Resp: 891491

Ion	Ratio	Lower	Upper
128	100		
130	33.2	11.6	51.6
64	54.8	23.8	63.8





#9

Benzaldehyde

Concen: 9.31 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.07 min

Lab File: BF084458.D

Acq: 13 Jan 2016 23:00

Instrument :

BNA_F

ClientSampleId :

HSR-WC-15-010516MS

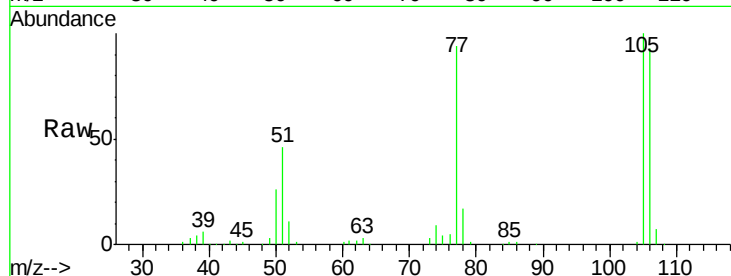
Tot Ion: 77 Resp: 127544

Ion Ratio Lower Upper

77 100

105 106.7 83.0 123.0

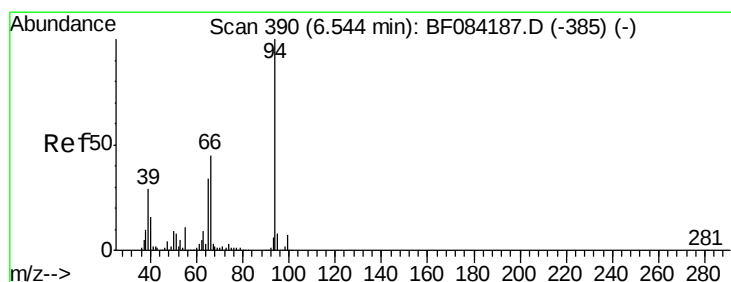
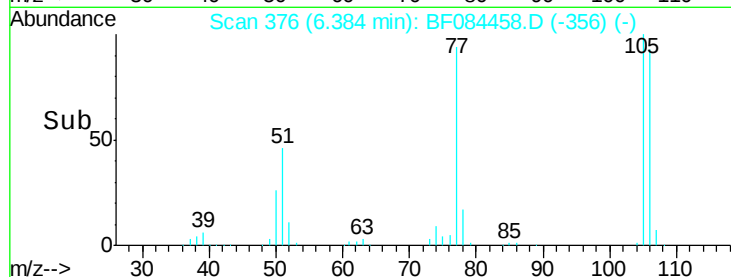
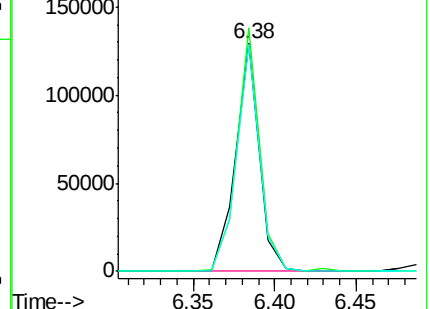
106 99.4 74.6 114.6



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: 39.25 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.05 min

Lab File: BF084458.D

Acq: 13 Jan 2016 23:00

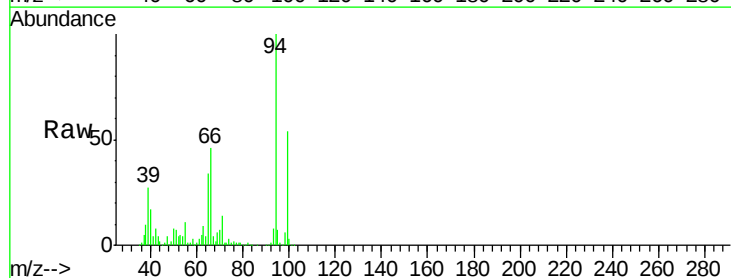
Tgt Ion: 94 Resp: 938973

Ion Ratio Lower Upper

94 100

65 33.9 12.9 52.9

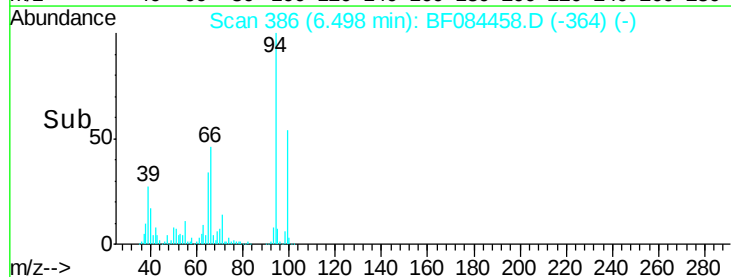
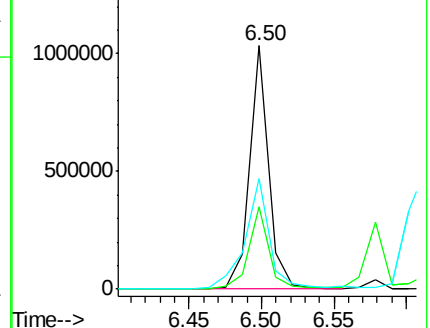
66 45.5 32.7 72.7



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: 48.64 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.06 min

Lab File: BF084458.D

Acq: 13 Jan 2016 23:00

Instrument :

BNA_F

ClientSampleId :

HSR-WC-15-010516MS

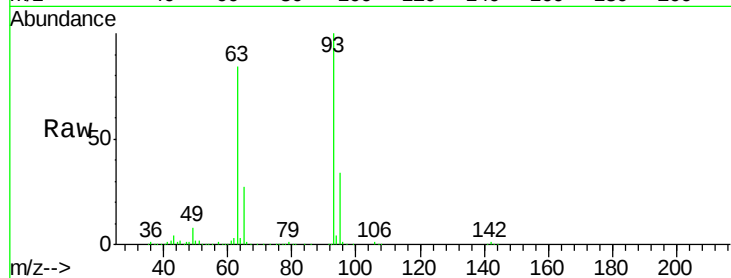
Tot Ion: 93 Resp: 901416

Ion Ratio Lower Upper

93 100

63 83.7 45.9 85.9

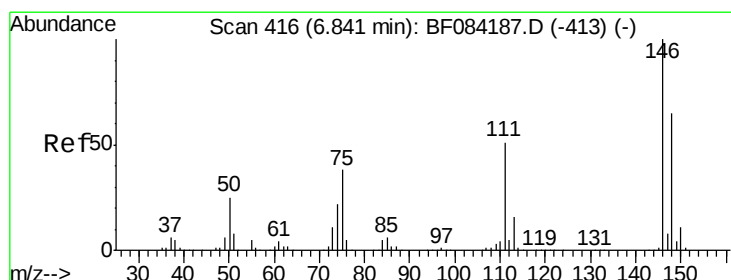
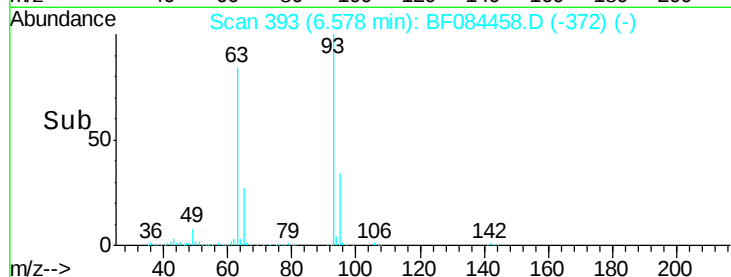
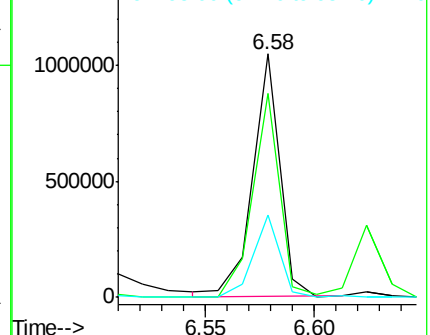
95 33.6 12.3 52.3



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 43.33 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.07 min

Lab File: BF084458.D

Acq: 13 Jan 2016 23:00

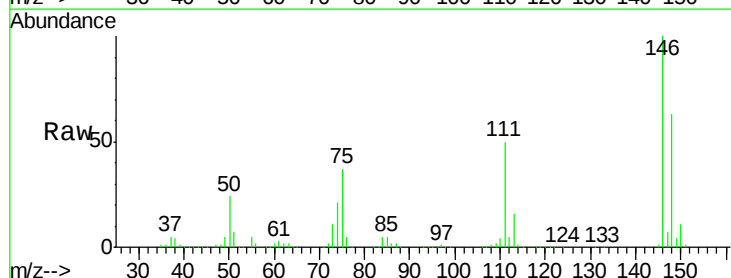
Tgt Ion: 146 Resp: 849658

Ion Ratio Lower Upper

146 100

148 63.1 51.9 77.9

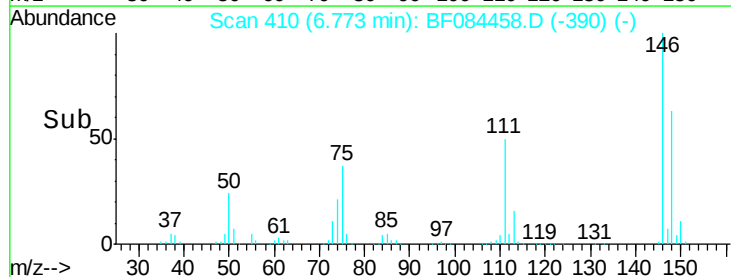
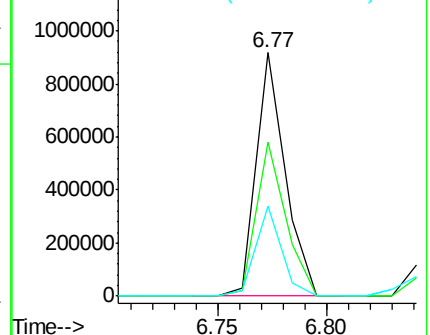
75 37.2 20.5 30.7#

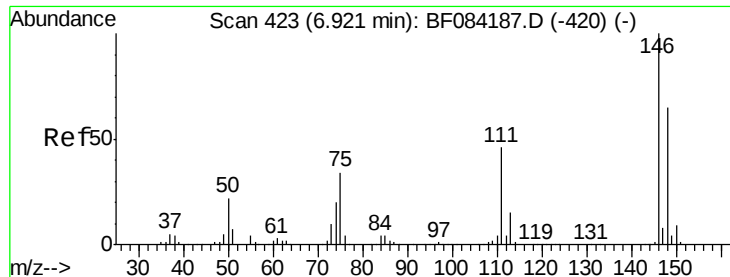


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

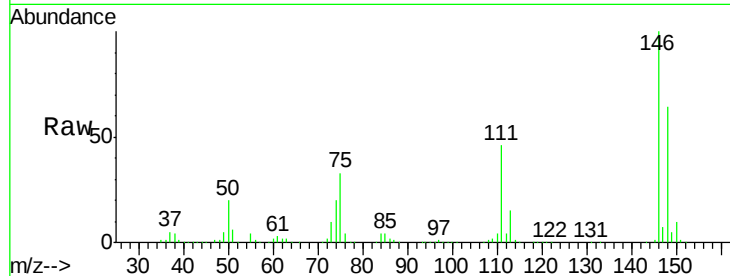




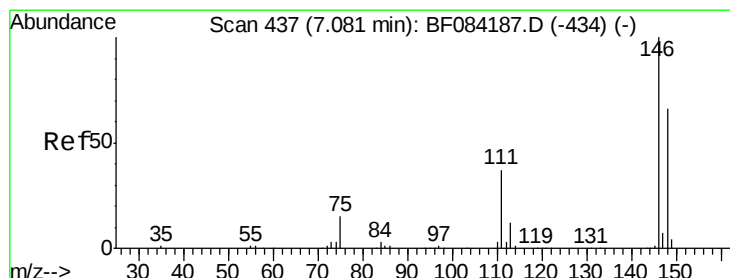
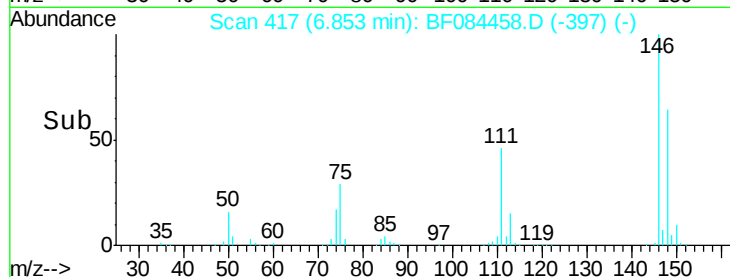
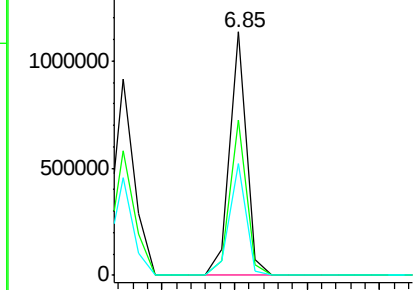
#13
 1,4-Dichlorobenzene
 Concen: 46.47 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.07 min
 Lab File: BF084458.D
 Acq: 13 Jan 2016 23:00

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.9	77.9
111	46.0	41.6	62.4

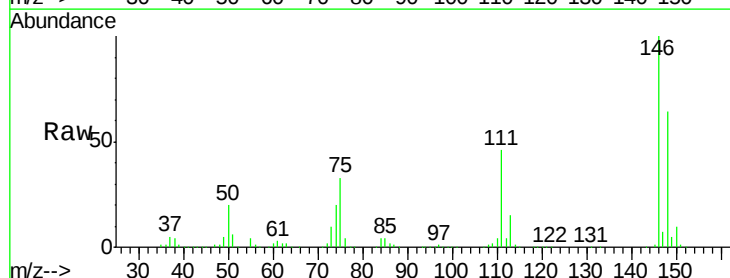


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

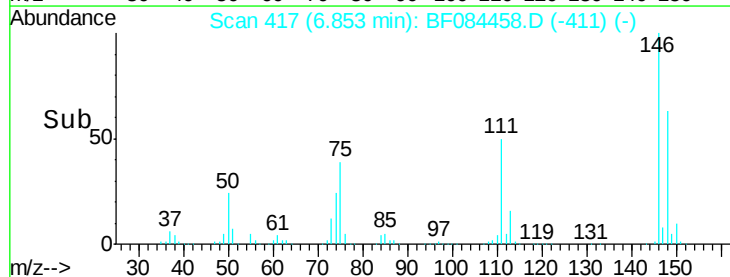
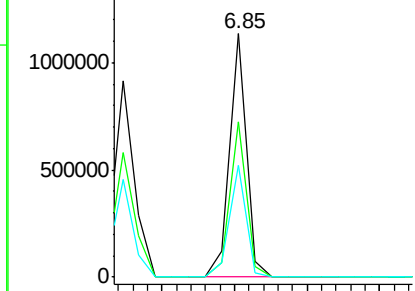


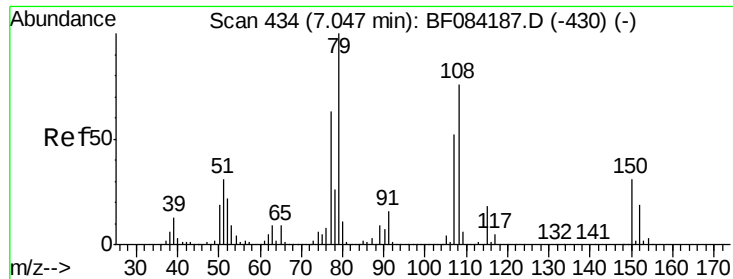
#14
 1,2-Dichlorobenzene
 Concen: 48.53 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.23 min
 Lab File: BF084458.D
 Acq: 13 Jan 2016 23:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.6	77.4
111	46.0	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: 43.61 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.06 min

Lab File: BF084458.D

Acq: 13 Jan 2016 23:00

Instrument :

BNA_F

ClientSampleId :

HSR-WC-15-010516MS

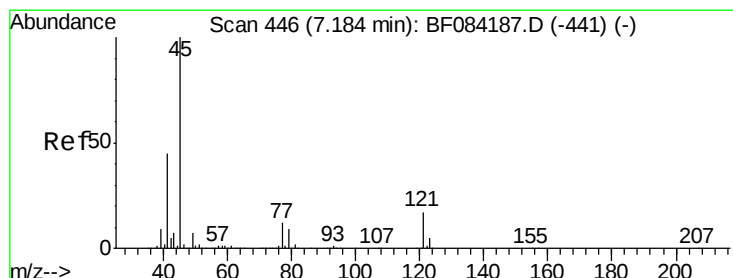
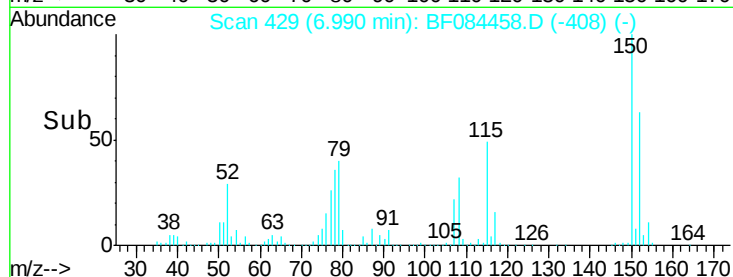
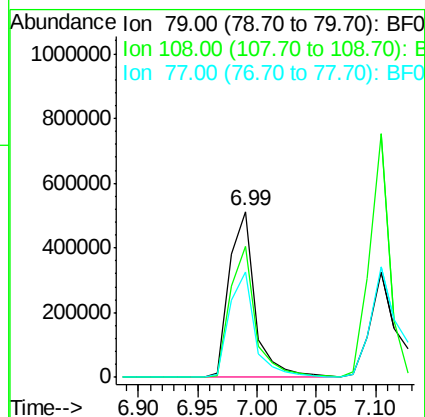
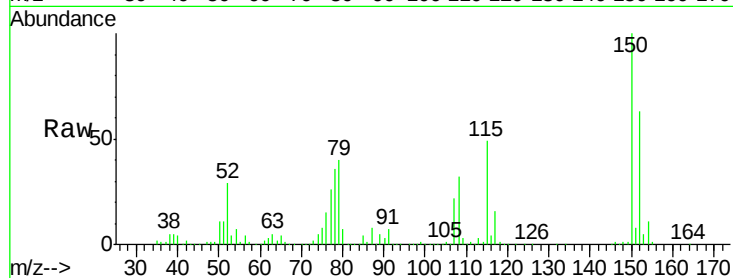
Tot Ion: 79 Resp: 771977

Ion Ratio Lower Upper

79 100

108 79.0 69.0 103.4

77 63.8 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.65 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.07 min

Lab File: BF084458.D

Acq: 13 Jan 2016 23:00

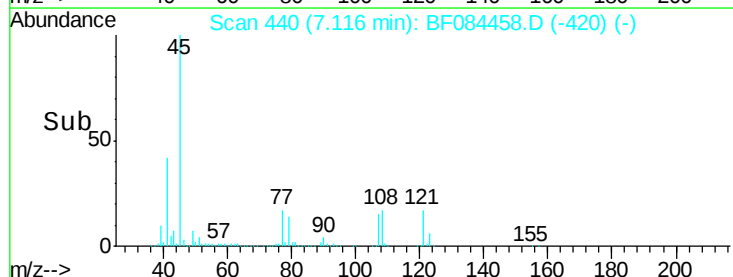
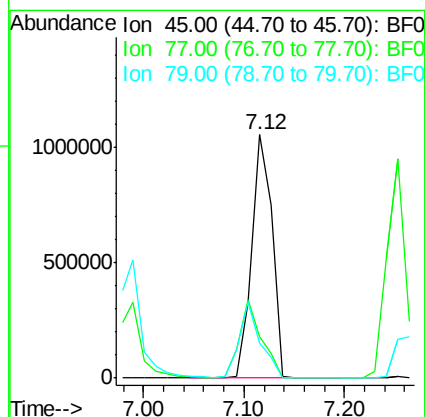
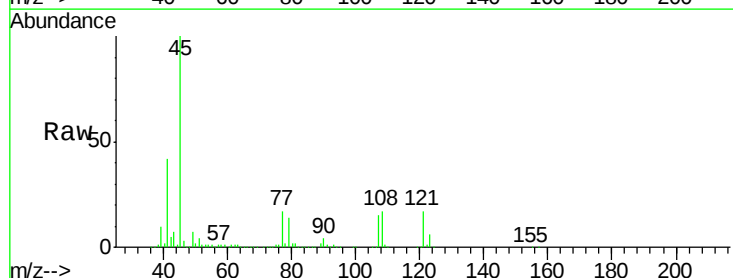
Tgt Ion: 45 Resp: 1472948

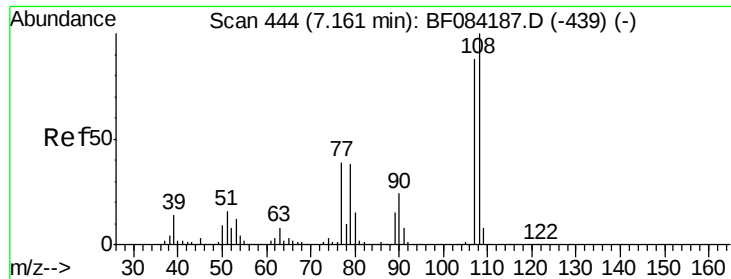
Ion Ratio Lower Upper

45 100

77 17.0 0.0 39.6

79 14.4 0.0 35.0

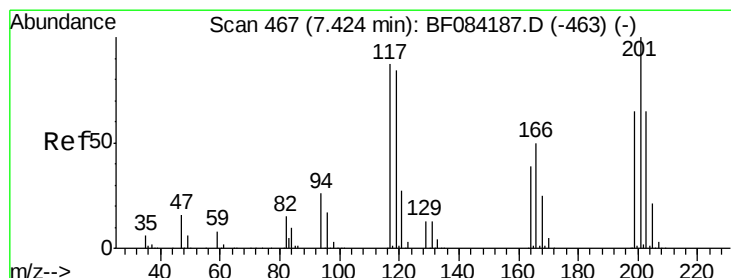
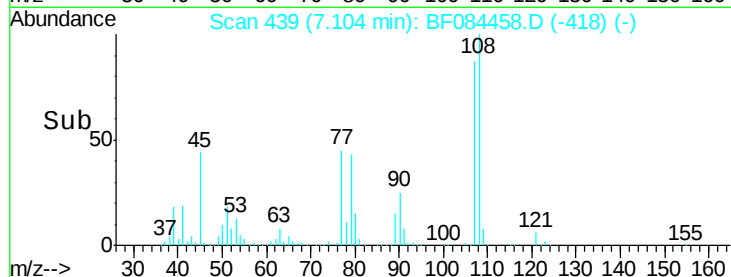
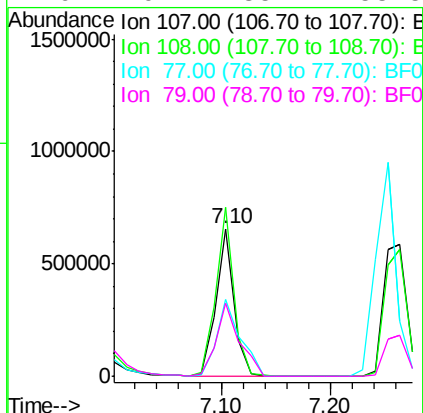
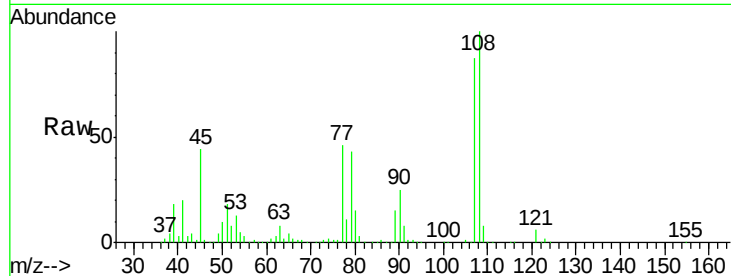




#17
2-Methylphenol
Concen: 47.40 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.06 min
Lab File: BF084458.D
Acq: 13 Jan 2016 23:00

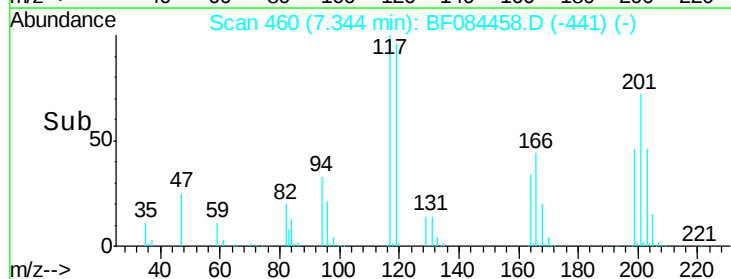
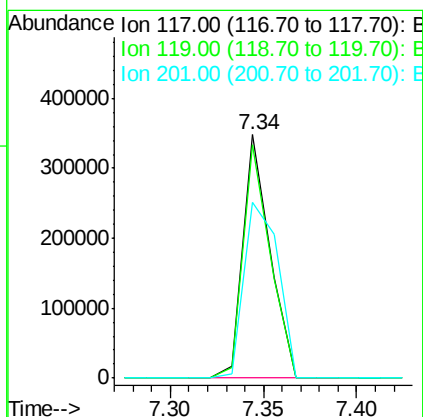
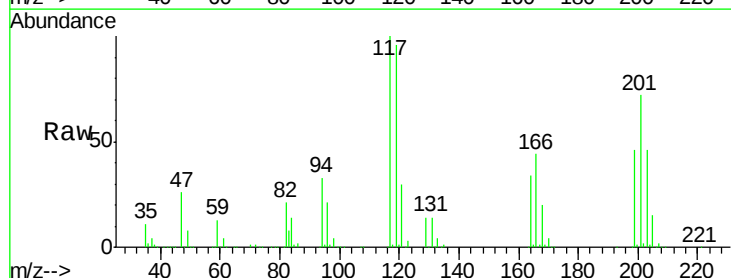
Instrument :
BNA_F
ClientSampleId :
HSR-WC-15-010516MS

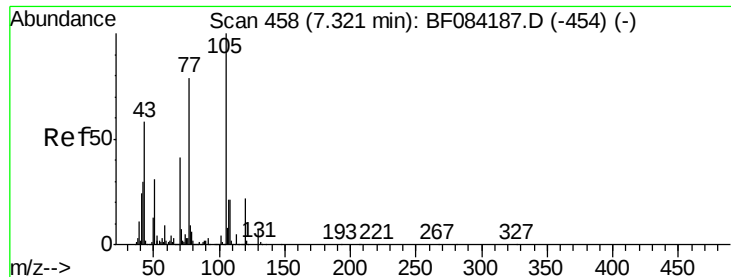
Tot Ion:	107	Resp:	755172
Ion	Ratio	Lower	Upper
107	100		
108	114.6	89.8	134.6
77	52.2	35.7	53.5
79	49.7	35.7	53.5



#18
Hexachloroethane
Concen: 44.40 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.08 min
Lab File: BF084458.D
Acq: 13 Jan 2016 23:00

Tgt Ion:	117	Resp:	349112
Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.4	116.0
201	72.4	68.6	103.0

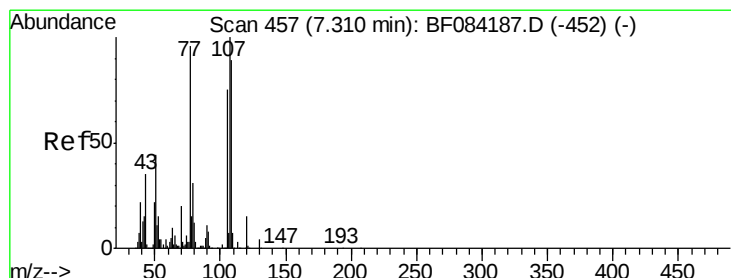
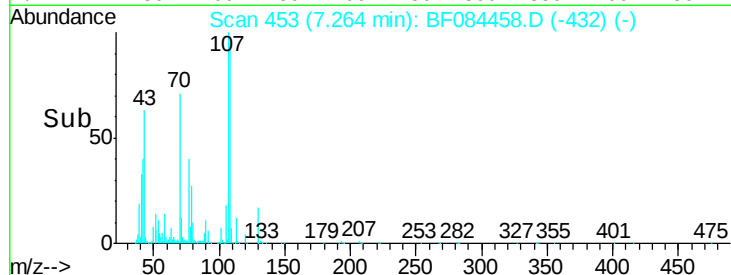
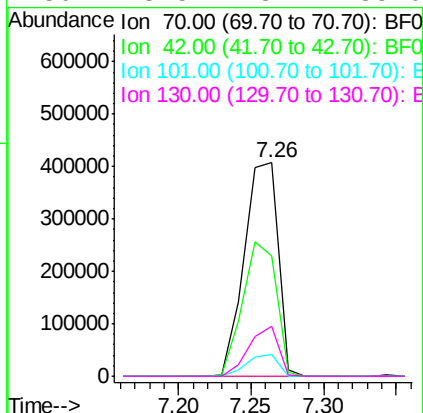
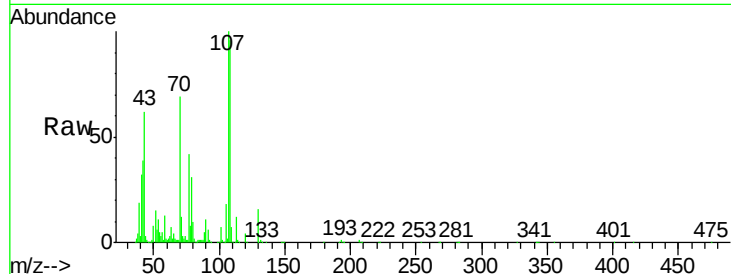




#19
n-Nitroso-di-n-propylamine
Concen: 46.32 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.06 min
Lab File: BF084458.D
Acq: 13 Jan 2016 23:00

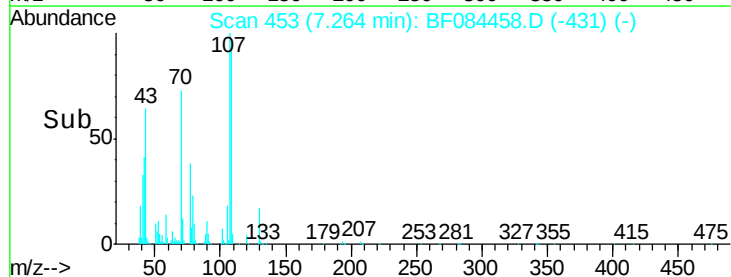
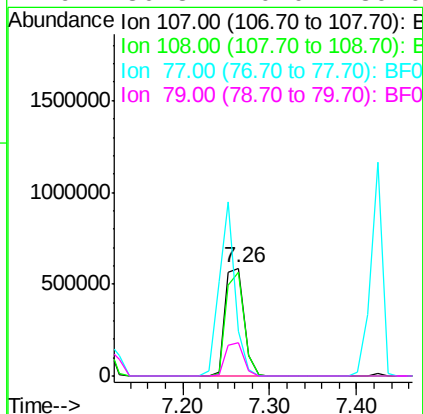
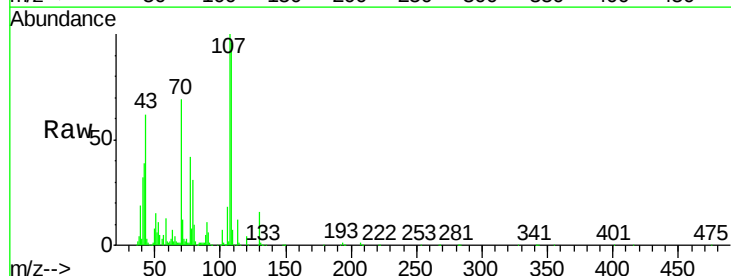
Instrument :
BNA_F
ClientSampleId :
HSR-WC-15-010516MS

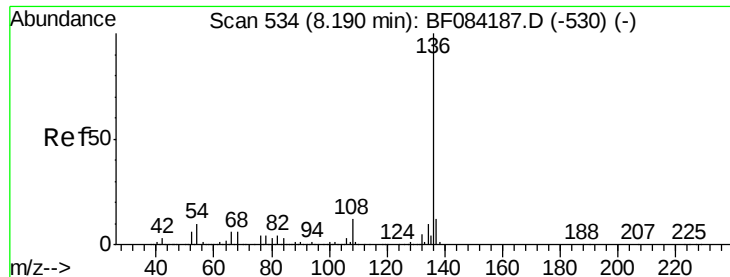
Tot Ion	Ratio	Lower	Upper
70	100		
42	56.1	33.3	49.9#
101	10.2	9.3	13.9
130	23.5	23.4	35.0



#20
3+4-Methylphenols
Concen: 47.59 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.05 min
Lab File: BF084458.D
Acq: 13 Jan 2016 23:00

Tgt Ion	Ratio	Lower	Upper
107	100		
108	96.0	74.6	114.6
77	41.5	0.7	40.7#
79	30.8	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: BF084458.D

Acq: 13 Jan 2016 23:00

Instrument :

BNA_F

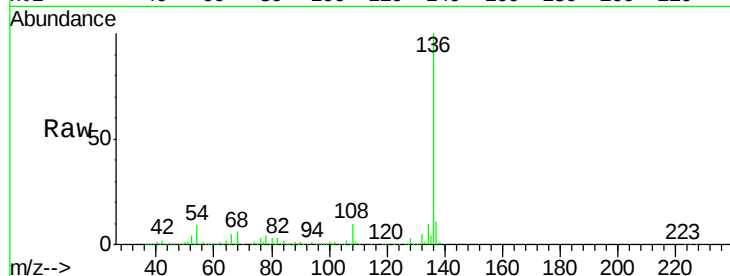
ClientSampleId :

HSR-WC-15-010516MS

Tot Ion:136 Resp: 1137514

Ion Ratio Lower Upper

136	100		
137	11.4	8.7	13.1
54	9.1	5.8	8.8#
68	5.5	4.2	6.2

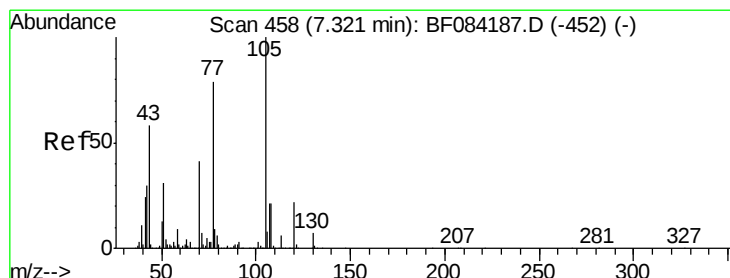
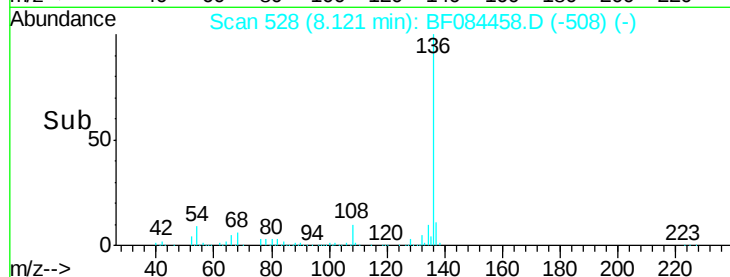
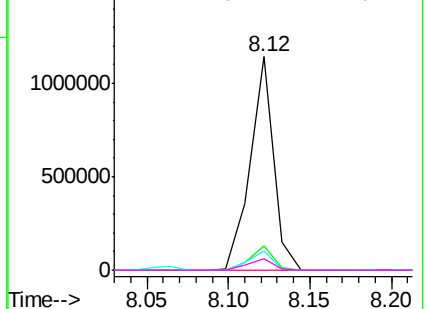


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.31 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.07 min

Lab File: BF084458.D

Acq: 13 Jan 2016 23:00

Tgt Ion:105 Resp: 1239289

Ion Ratio Lower Upper

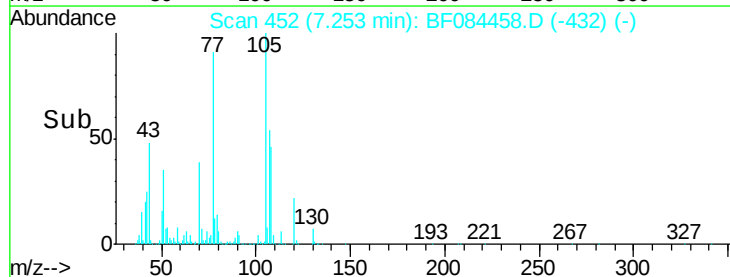
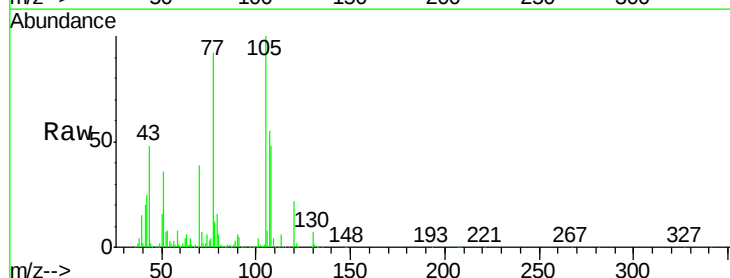
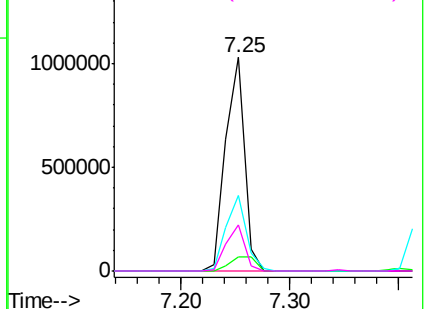
105	100		
71	6.7	3.7	5.5#
51	35.6	25.1	37.7
120	21.8	16.6	25.0

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

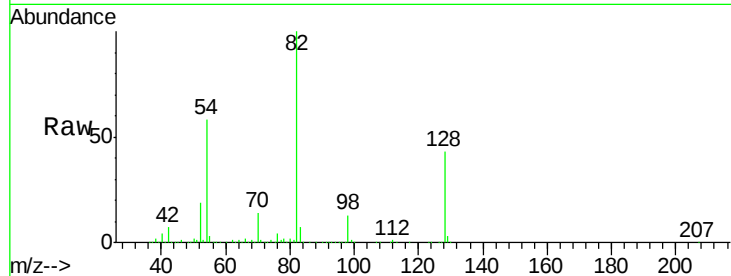




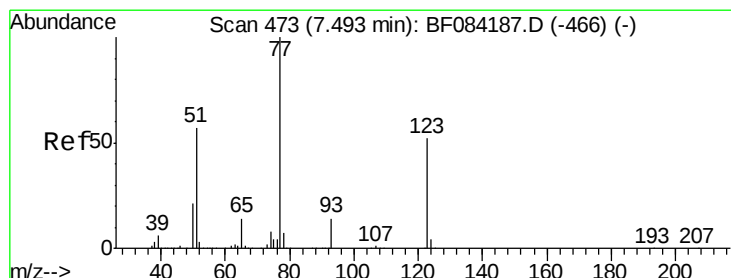
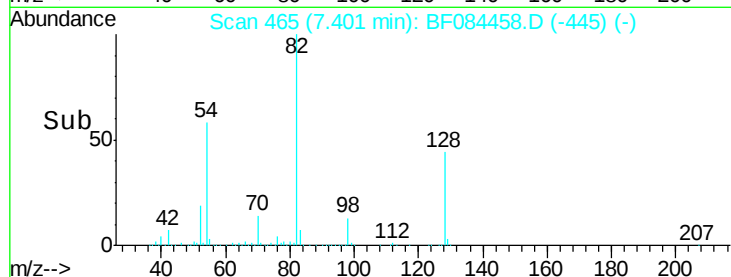
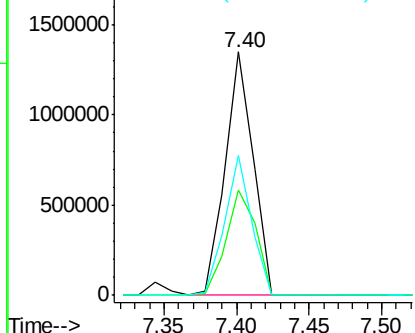
#23
Nitrobenzene-d5
Concen: 88.10 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.07 min
Lab File: BF084458.D
Acq: 13 Jan 2016 23:00

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

Tot Ion: 82 Resp: 1800617
Ion Ratio Lower Upper
82 100
128 43.5 34.6 51.8
54 57.7 38.4 57.6#

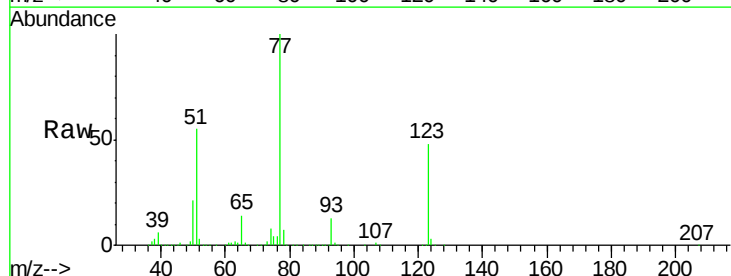


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

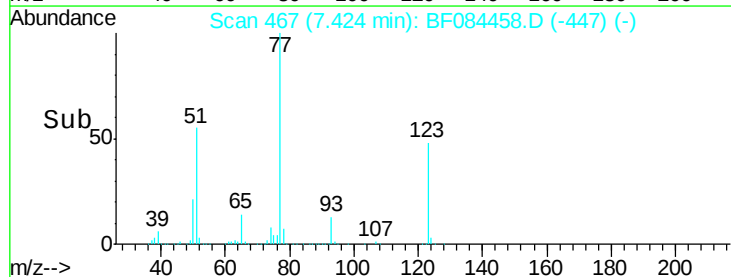
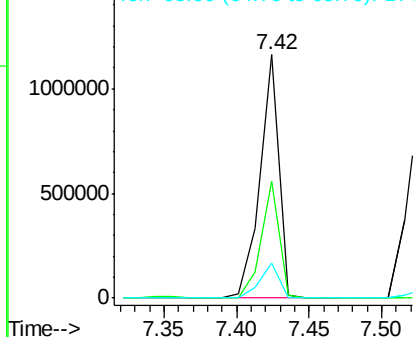


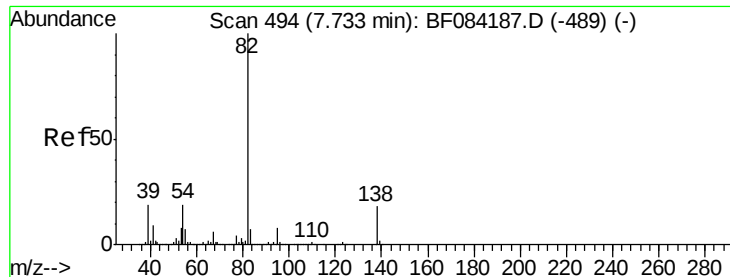
#24
Nitrobenzene
Concen: 50.66 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.07 min
Lab File: BF084458.D
Acq: 13 Jan 2016 23:00

Tgt Ion: 77 Resp: 1050274
Ion Ratio Lower Upper
77 100
123 47.9 37.4 56.2
65 14.3 10.9 16.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 46.62 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.07 min

Lab File: BF084458.D

Acq: 13 Jan 2016 23:00

Instrument :

BNA_F

ClientSampleId :

HSR-WC-15-010516MS

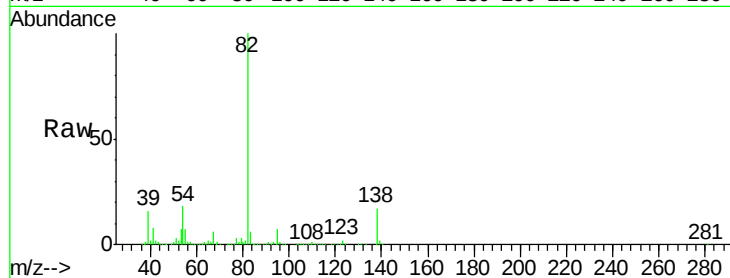
Tot Ion: 82 Resp: 1822392

Ion Ratio Lower Upper

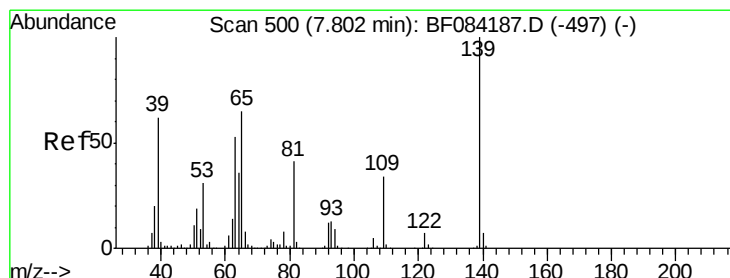
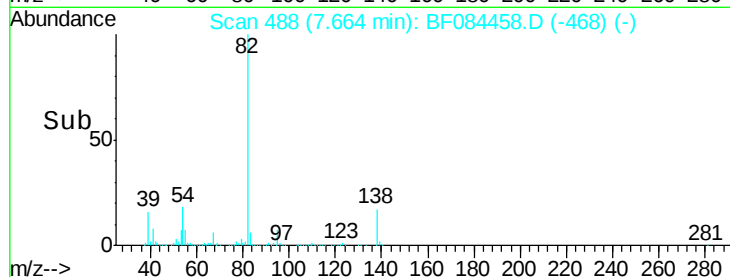
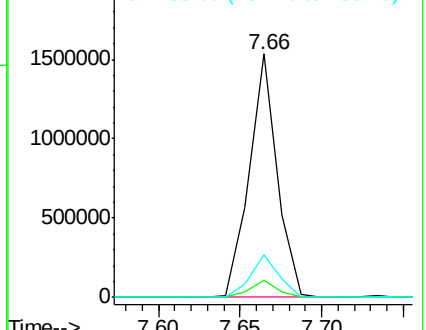
82 100

95 7.3 6.6 10.0

138 17.4 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: 53.91 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.07 min

Lab File: BF084458.D

Acq: 13 Jan 2016 23:00

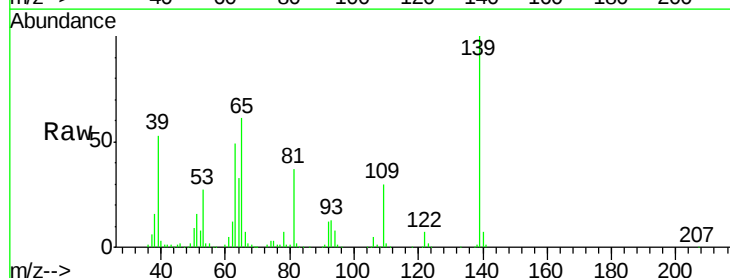
Tgt Ion: 139 Resp: 508578

Ion Ratio Lower Upper

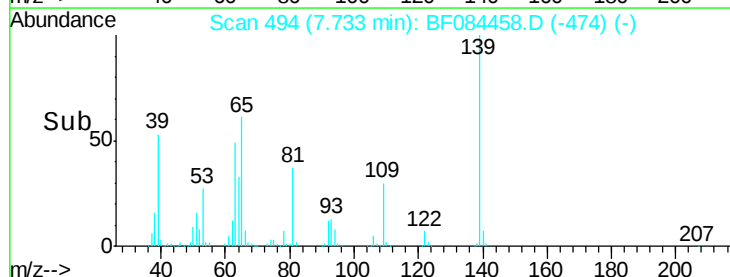
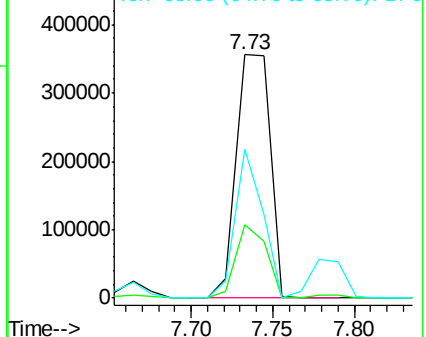
139 100

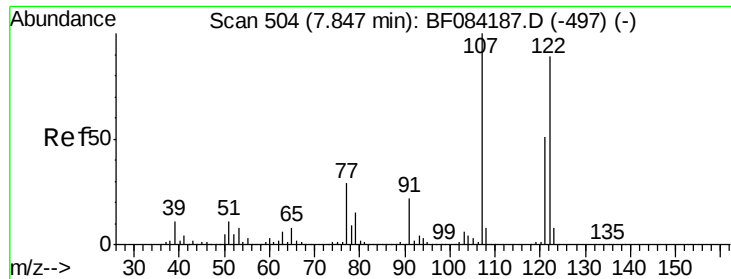
109 30.0 25.4 38.2

65 61.0 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: 47.85 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.06 min

Lab File: BF084458.D

Acq: 13 Jan 2016 23:00

Instrument :

BNA_F

ClientSampleId :

HSR-WC-15-010516MS

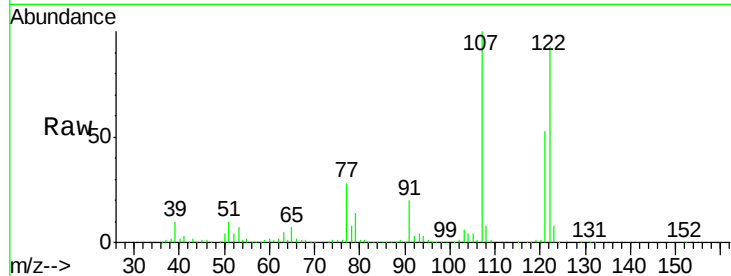
Tot Ion:122 Resp: 913724

Ion Ratio Lower Upper

122 100

107 107.8 99.1 148.7

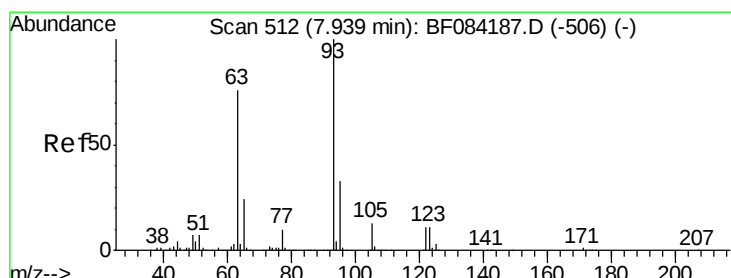
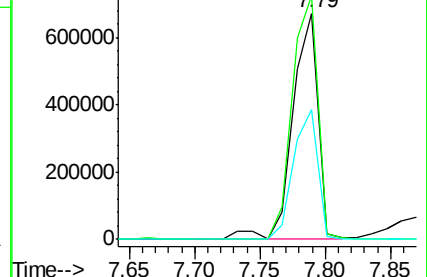
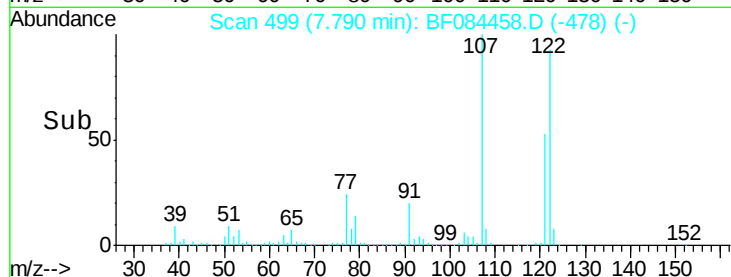
121 57.6 47.9 71.9



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: 49.45 ng

RT: 7.88 min Scan# 507

Delta R.T. -0.06 min

Lab File: BF084458.D

Acq: 13 Jan 2016 23:00

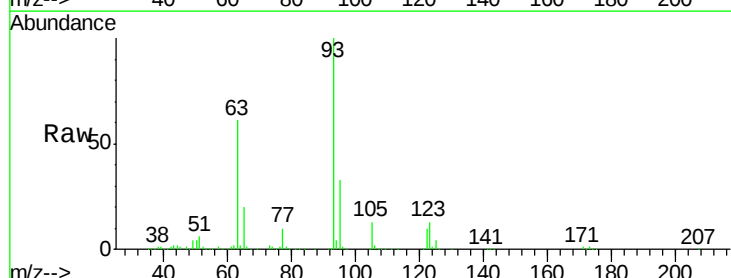
Tgt Ion: 93 Resp: 1180724

Ion Ratio Lower Upper

93 100

95 33.2 25.8 38.6

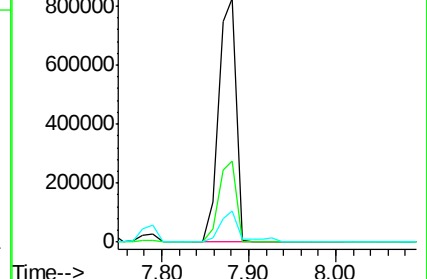
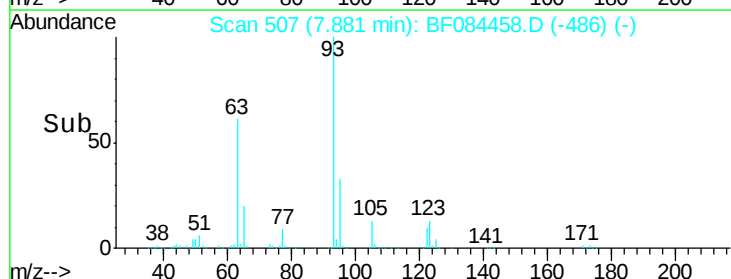
123 12.8 8.6 12.8



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: 46.97 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.06 min

Lab File: BF084458.D

Acq: 13 Jan 2016 23:00

Instrument :

BNA_F

ClientSampleId :

HSR-WC-15-010516MS

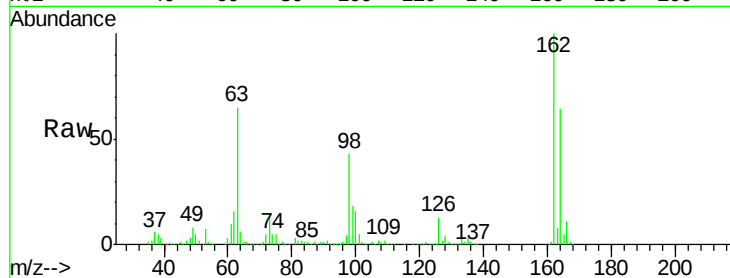
Tot Ion:162 Resp: 747153

Ion Ratio Lower Upper

162 100

164 63.7 44.1 84.1

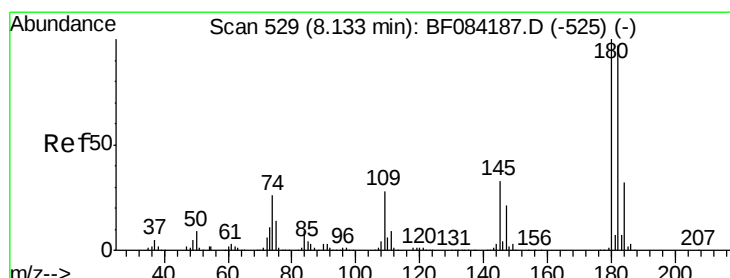
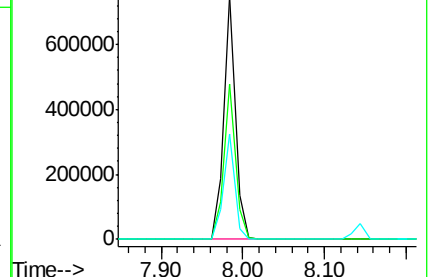
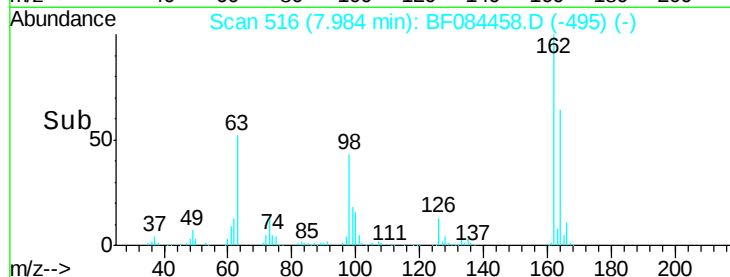
98 43.1 20.2 60.2



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: 48.50 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.07 min

Lab File: BF084458.D

Acq: 13 Jan 2016 23:00

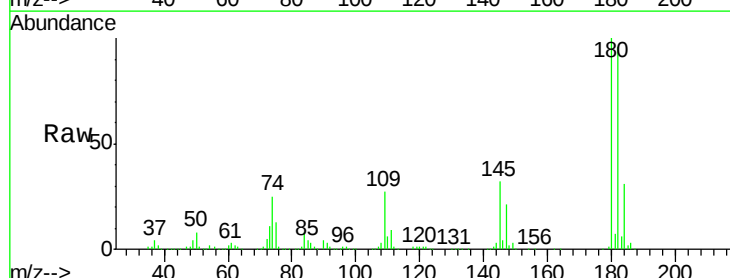
Tgt Ion:180 Resp: 796527

Ion Ratio Lower Upper

180 100

182 95.9 76.4 114.6

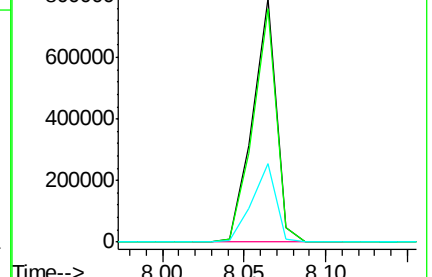
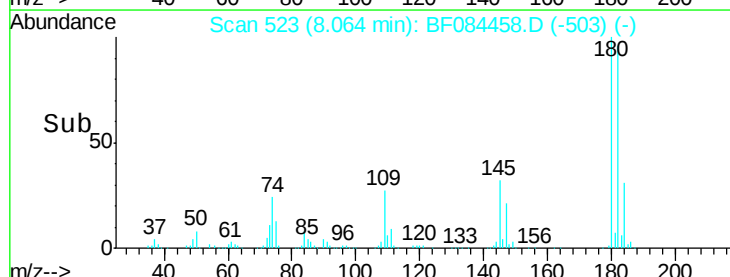
145 32.4 31.6 47.4

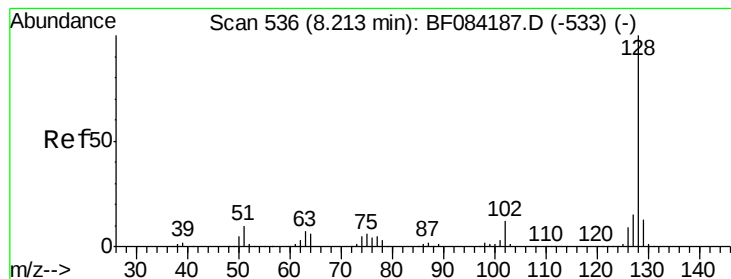


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 57.16 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.07 min

Lab File: BF084458.D

Acq: 13 Jan 2016 23:00

Instrument :

BNA_F

ClientSampleId :

HSR-WC-15-010516MS

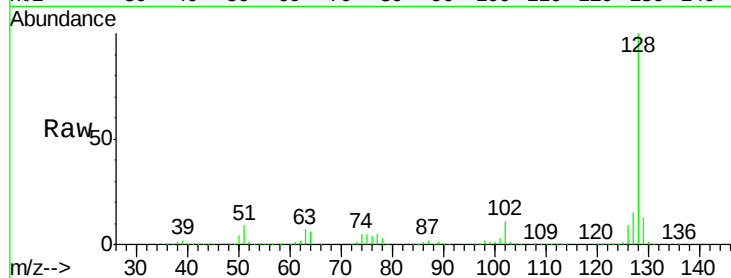
Tot Ion:128 Resp: 2949714

Ion Ratio Lower Upper

128 100

129 12.9 9.1 13.7

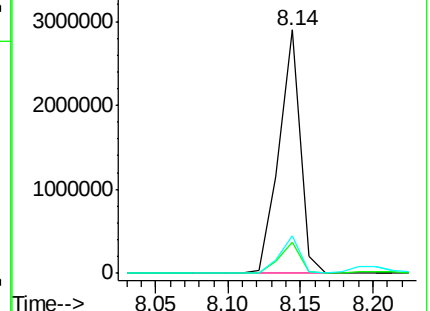
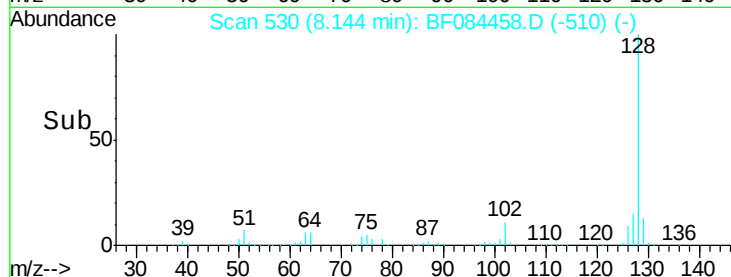
127 15.3 11.1 16.7



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: 46.87 ng

RT: 7.93 min Scan# 511

Delta R.T. -0.03 min

Lab File: BF084458.D

Acq: 13 Jan 2016 23:00

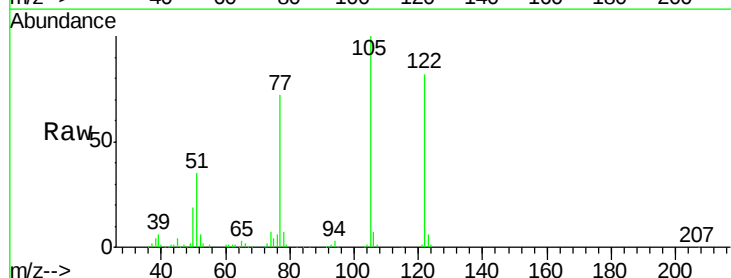
Tgt Ion:122 Resp: 573710

Ion Ratio Lower Upper

122 100

105 121.9 100.3 140.3

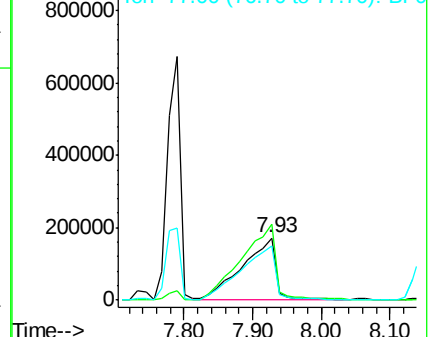
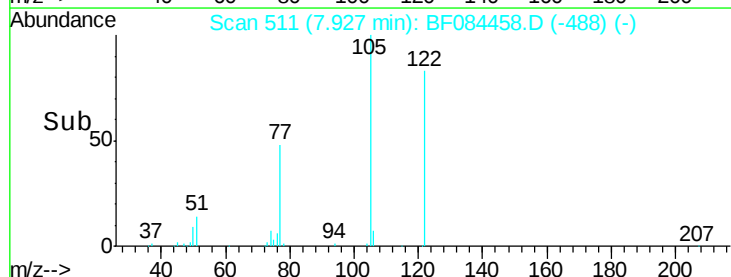
77 87.2 63.5 103.5

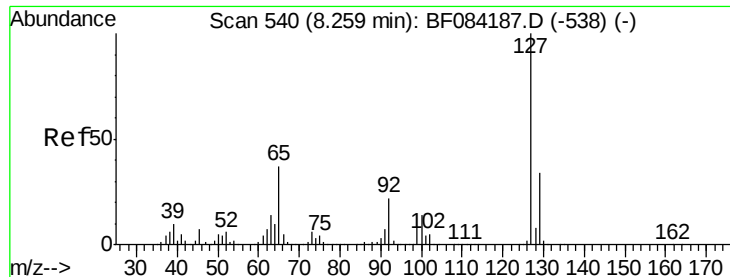


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

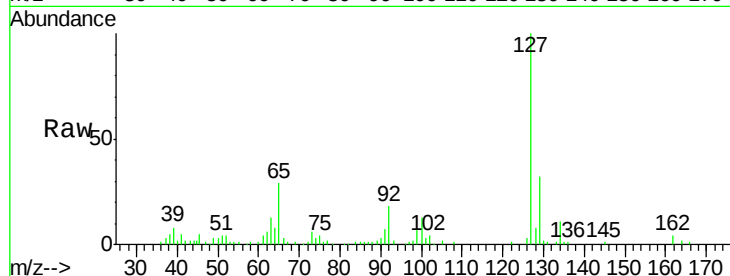




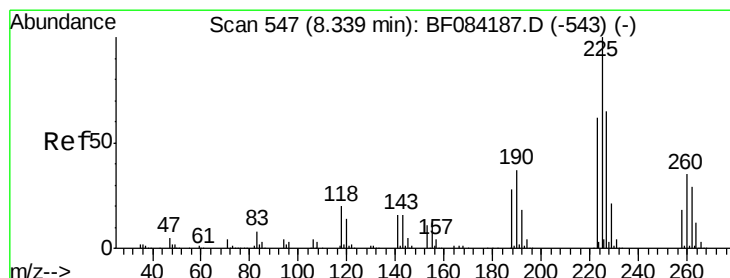
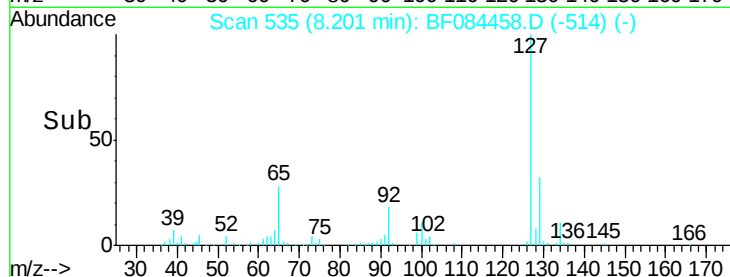
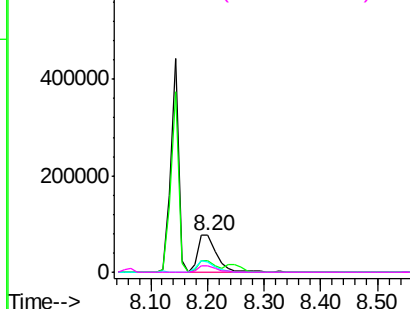
#33
4-Chloroaniline
Concen: 7.46 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.06 min
Lab File: BF084458.D
Acq: 13 Jan 2016 23:00

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

Tot Ion:	127	Resp:	176581
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.5	39.7
65	29.1	27.2	40.8
92	17.8	17.7	26.5

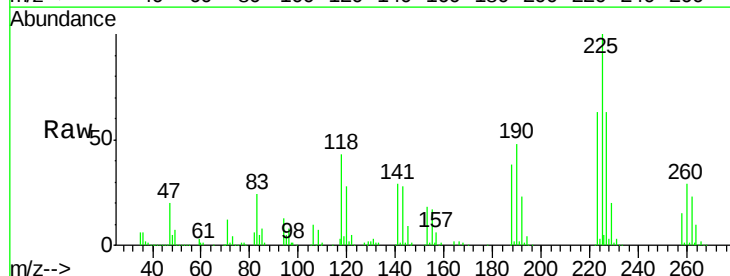


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

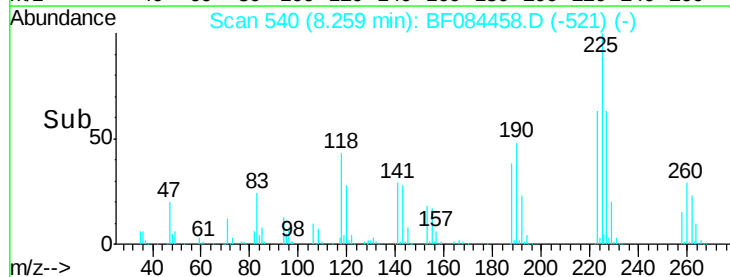
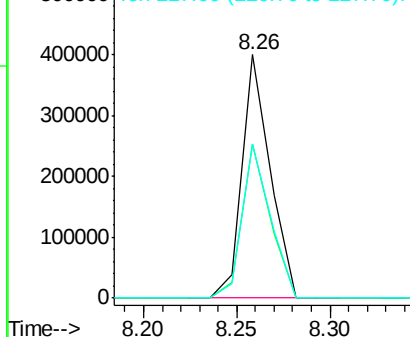


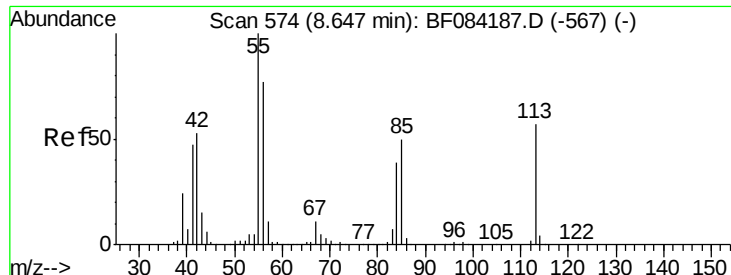
#34
Hexachlorobutadiene
Concen: 44.30 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.08 min
Lab File: BF084458.D
Acq: 13 Jan 2016 23:00

Tgt Ion:	225	Resp:	418232
Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.4	74.0
227	63.4	50.8	76.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 30.96 ng

RT: 8.58 min Scan# 568

Delta R.T. -0.07 min

Lab File: BF084458.D

Acq: 13 Jan 2016 23:00

Instrument :

BNA_F

ClientSampleId :

HSR-WC-15-010516MS

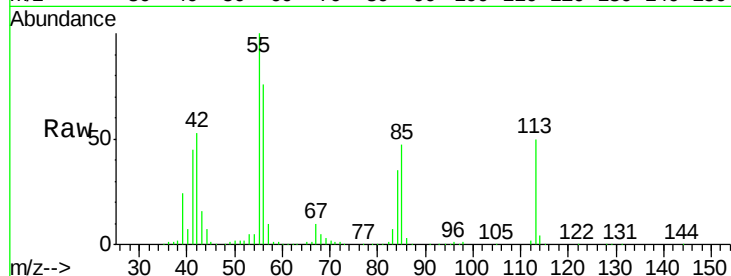
Tot Ion:113 Resp: 166020

Ion Ratio Lower Upper

113 100

55 199.5 116.9 156.9#

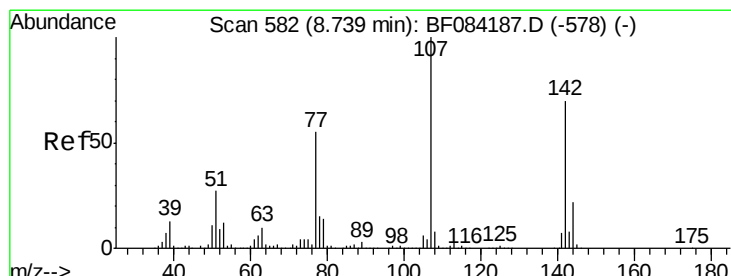
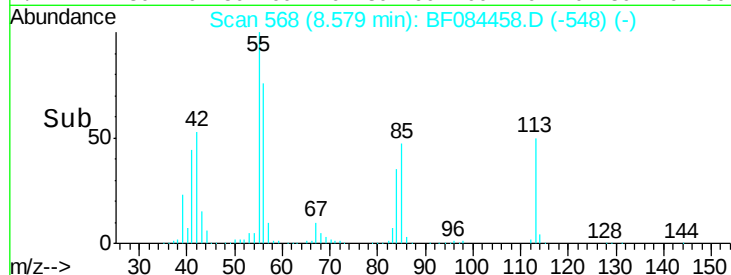
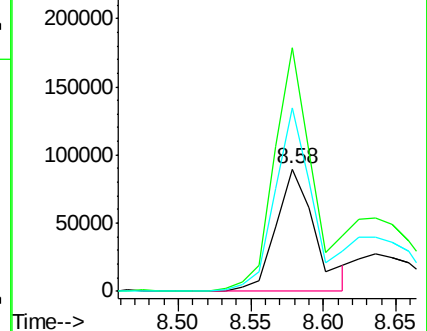
56 150.8 93.8 133.8#



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: 49.19 ng

RT: 8.69 min Scan# 578

Delta R.T. -0.05 min

Lab File: BF084458.D

Acq: 13 Jan 2016 23:00

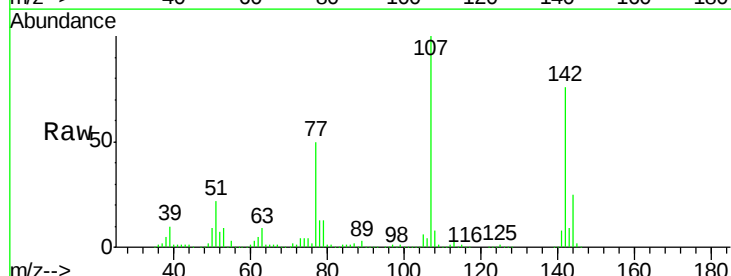
Tgt Ion:107 Resp: 876514

Ion Ratio Lower Upper

107 100

144 25.0 19.7 29.5

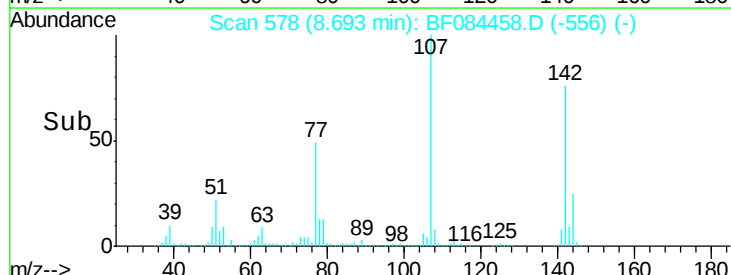
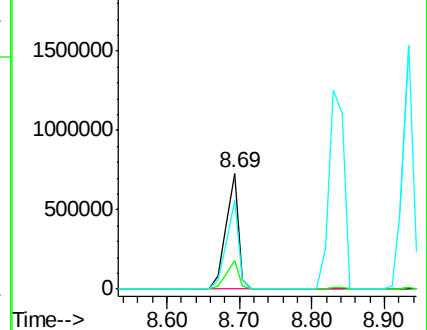
142 76.5 61.8 92.6

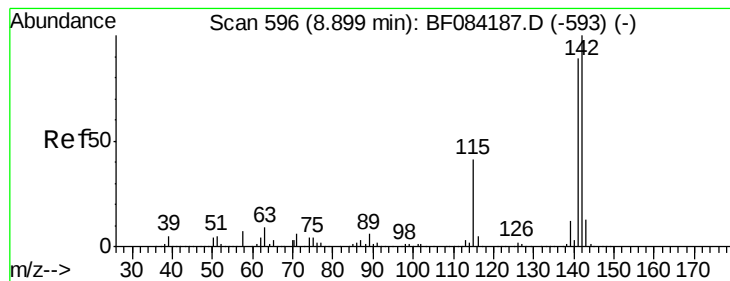


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 48.69 ng

RT: 8.83 min Scan# 590

Delta R.T. -0.07 min

Lab File: BF084458.D

Acq: 13 Jan 2016 23:00

Instrument :

BNA_F

ClientSampleId :

HSR-WC-15-010516MS

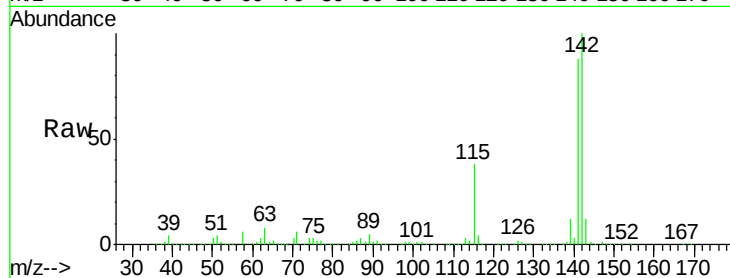
Tot Ion:142 Resp: 1803669

Ion Ratio Lower Upper

142 100

141 88.4 72.4 108.6

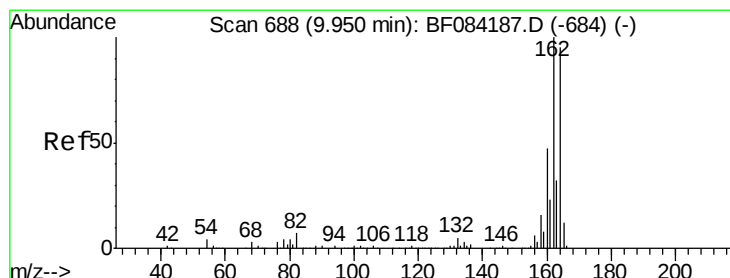
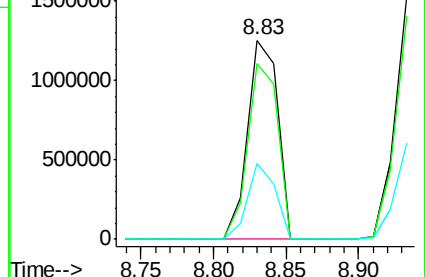
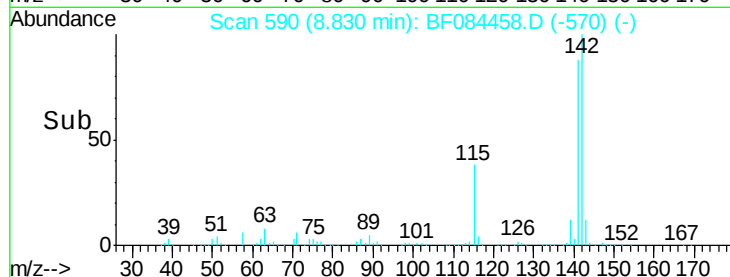
115 38.4 27.9 41.9



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: BF084458.D

Acq: 13 Jan 2016 23:00

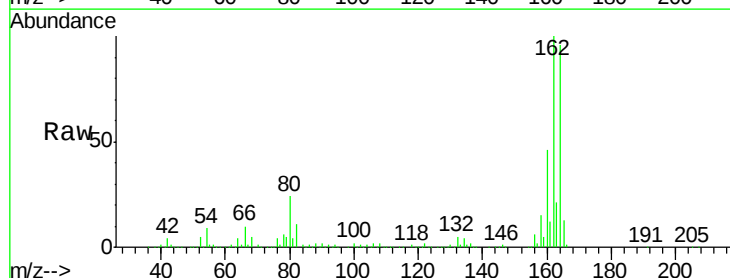
Tgt Ion:164 Resp: 524699

Ion Ratio Lower Upper

164 100

162 103.7 85.1 127.7

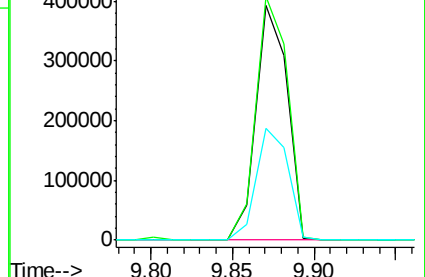
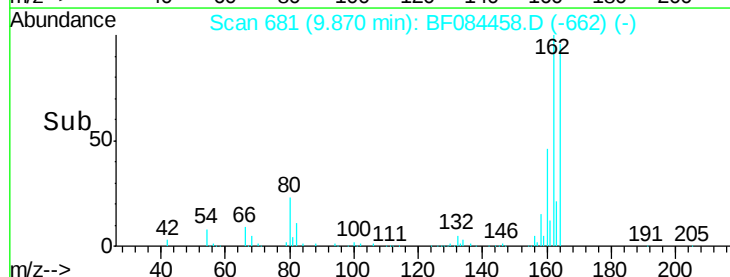
160 47.6 37.5 56.3

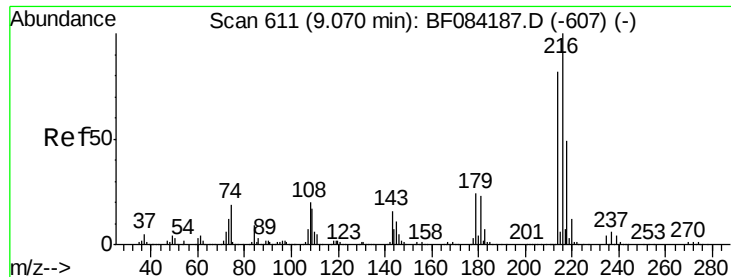


Abundance Ion 164.00 (163.70 to 164.70): E

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: 45.87 ng

RT: 9.00 min Scan# 605

Delta R.T. -0.07 min

Lab File: BF084458.D

Acq: 13 Jan 2016 23:00

Instrument :

BNA_F

ClientSampleId :

HSR-WC-15-010516MS

Tot Ion:216 Resp: 691875

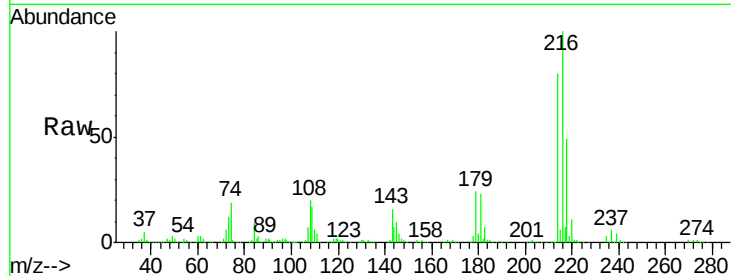
Ion Ratio Lower Upper

216 100

214 80.2 64.2 96.2

179 24.1 18.7 28.1

108 25.2 16.8 25.2

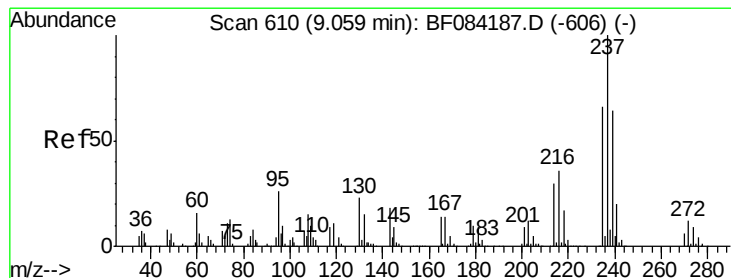
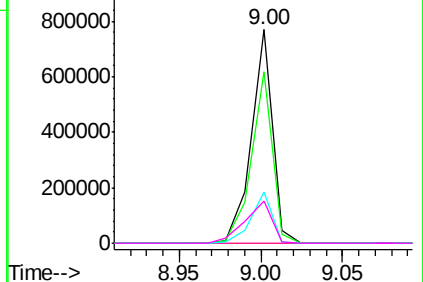
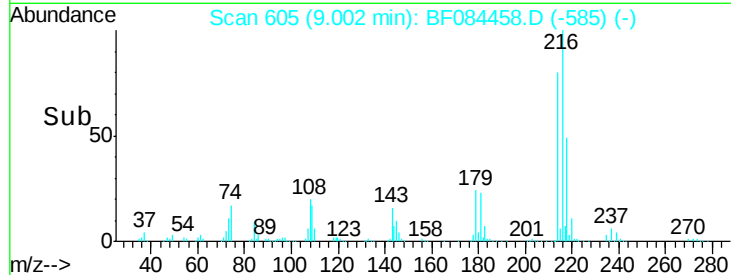


Abundance Ion 216.00 (215.70 to 216.70): E

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: 80.03 ng

RT: 8.99 min Scan# 604

Delta R.T. -0.07 min

Lab File: BF084458.D

Acq: 13 Jan 2016 23:00

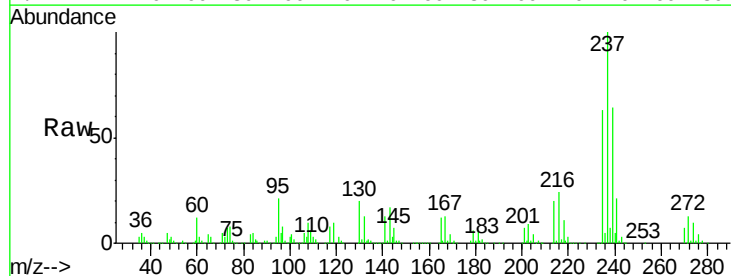
Tgt Ion:237 Resp: 728773

Ion Ratio Lower Upper

237 100

235 63.5 43.1 83.1

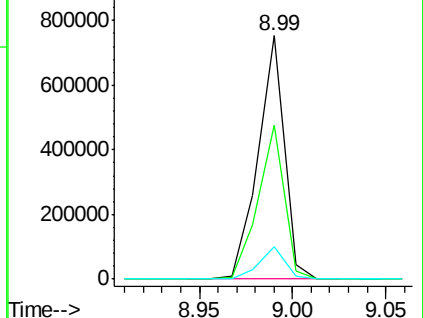
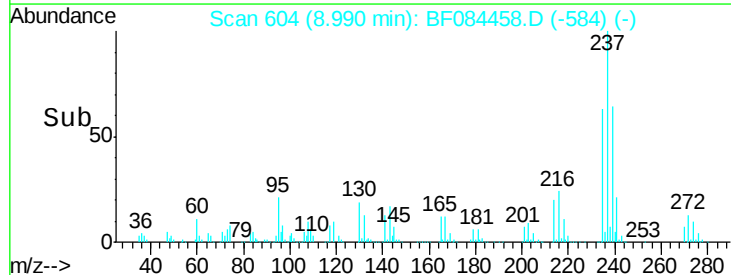
272 13.1 0.0 35.1



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

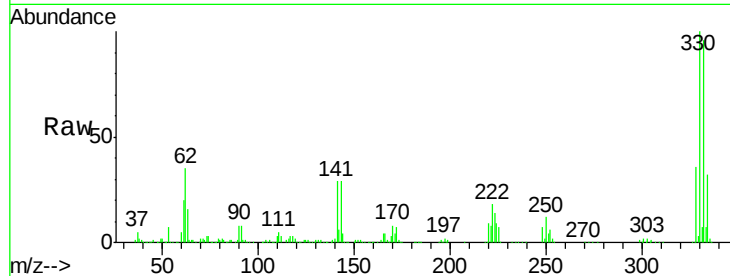




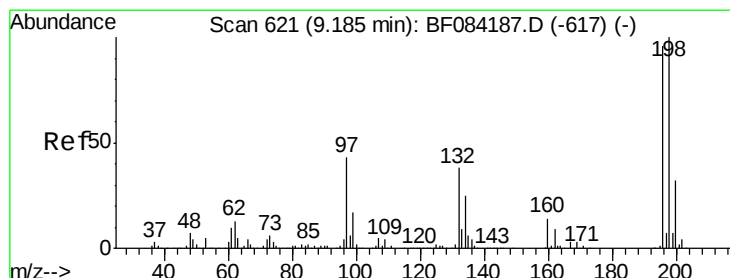
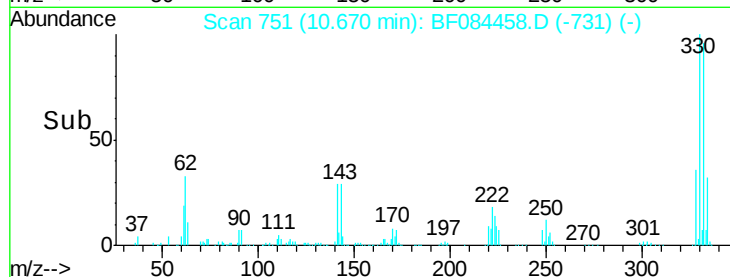
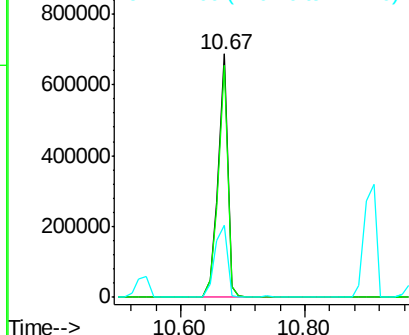
#41
 2,4,6-Tribromophenol
 Concen: 136.61 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.07 min
 Lab File: BF084458.D
 Acq: 13 Jan 2016 23:00

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

Tot Ion:330 Resp: 723686
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.6 114.8
 141 38.6 27.8 41.6

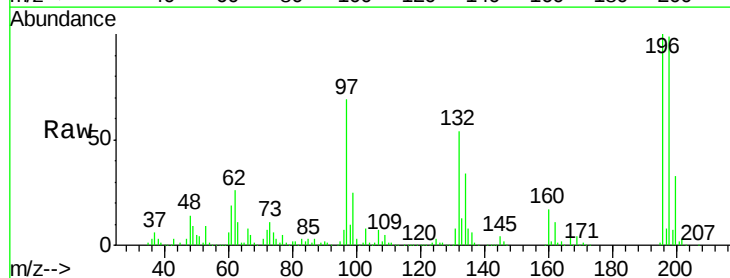


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

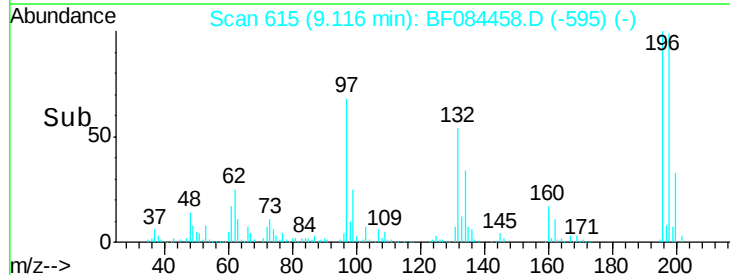
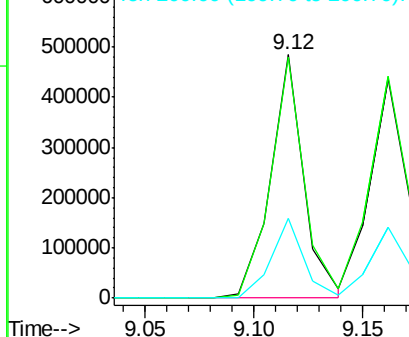


#42
 2,4,6-Trichlorophenol
 Concen: 46.11 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.07 min
 Lab File: BF084458.D
 Acq: 13 Jan 2016 23:00

Tgt Ion:196 Resp: 520421
 Ion Ratio Lower Upper
 196 100
 198 99.1 77.7 116.5
 200 32.6 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

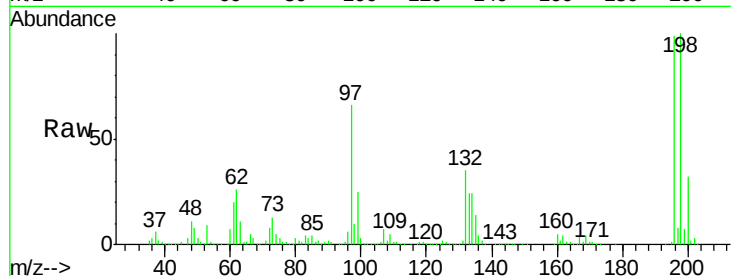




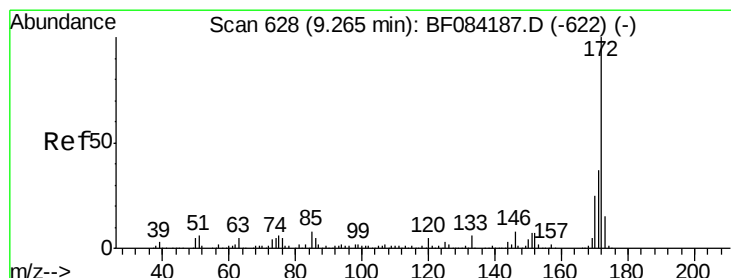
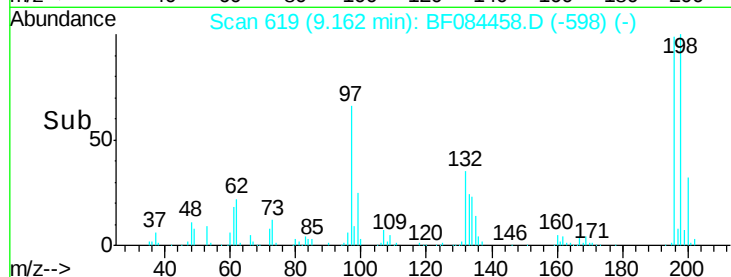
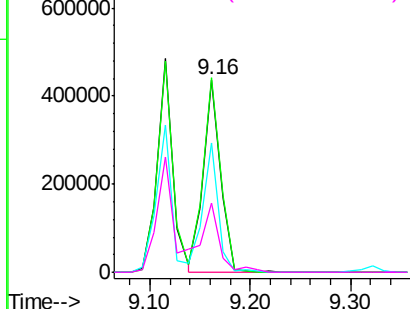
#43
 2,4,5-Trichlorophenol
 Concen: 48.20 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.06 min
 Lab File: BF084458.D
 Acq: 13 Jan 2016 23:00

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

Tot Ion	Ratio	Lower	Upper
196	100		
198	101.3	79.0	118.6
97	67.2	33.0	49.6
132	35.9	21.1	31.7

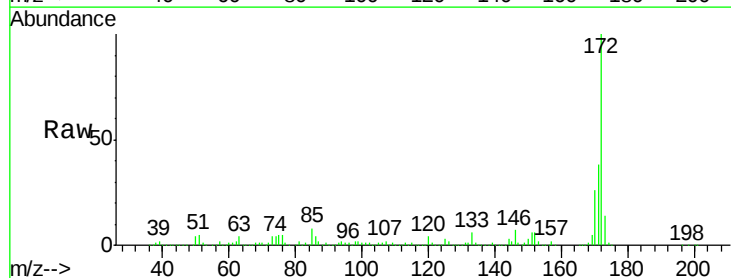


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

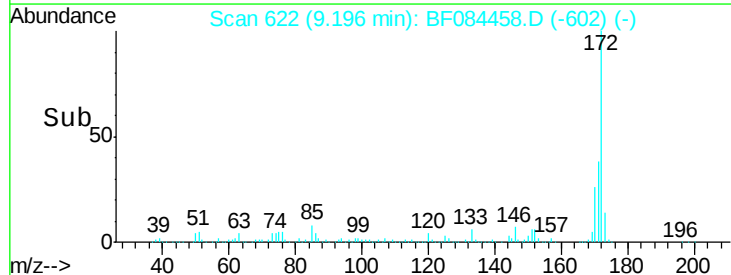
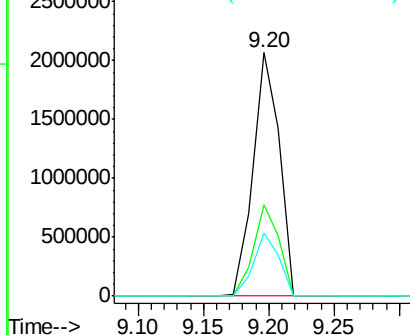


#44
 2-Fluorobiphenyl
 Concen: 98.00 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.07 min
 Lab File: BF084458.D
 Acq: 13 Jan 2016 23:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	28.9	43.3
170	25.9	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: 47.03 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.07 min

Lab File: BF084458.D

Acq: 13 Jan 2016 23:00

Instrument :

BNA_F

ClientSampleId :

HSR-WC-15-010516MS

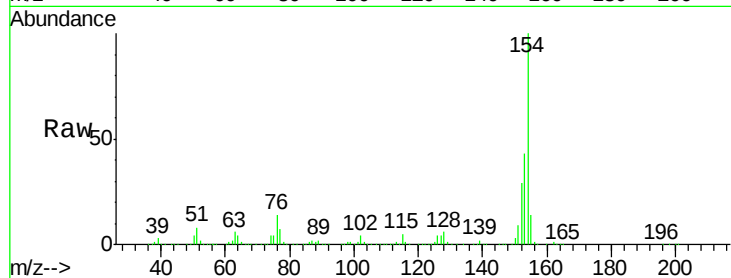
Tot Ion:154 Resp: 1961029

Ion Ratio Lower Upper

154 100

153 42.6 21.6 61.6

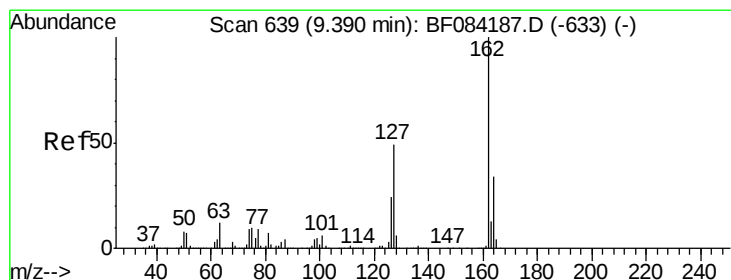
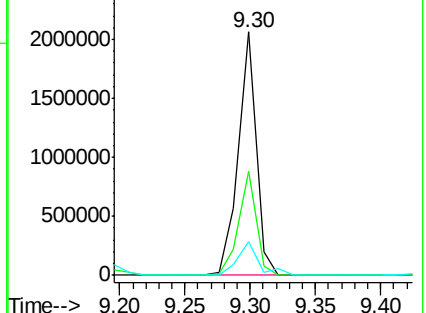
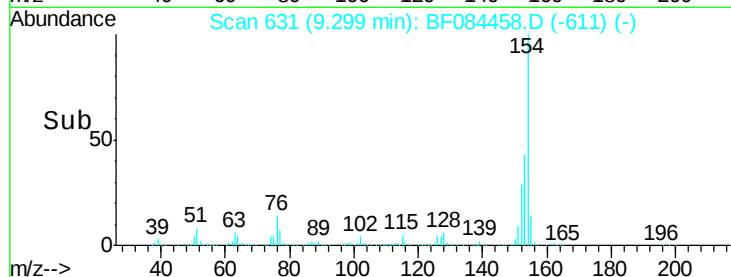
76 13.8 0.0 32.7



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: 45.68 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.07 min

Lab File: BF084458.D

Acq: 13 Jan 2016 23:00

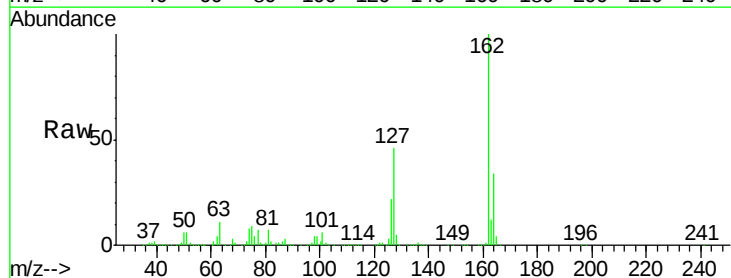
Tgt Ion:162 Resp: 1496353

Ion Ratio Lower Upper

162 100

127 46.1 40.2 60.4

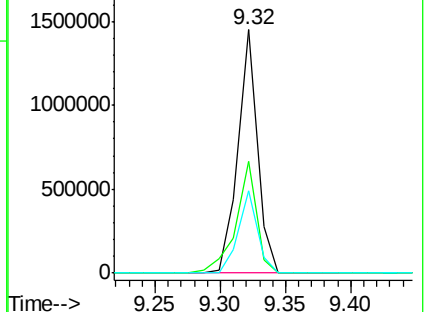
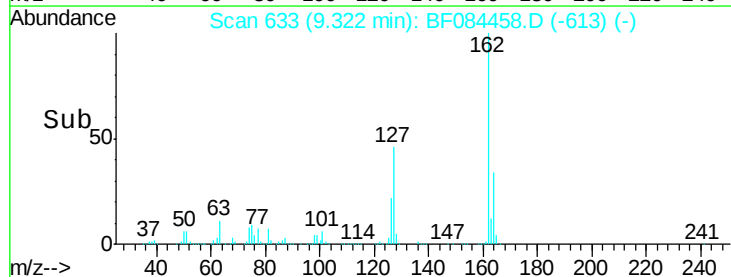
164 33.7 25.7 38.5

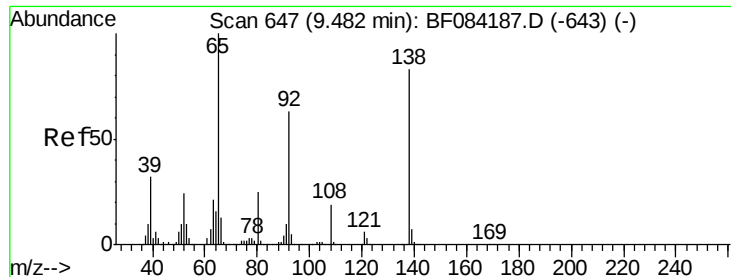


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

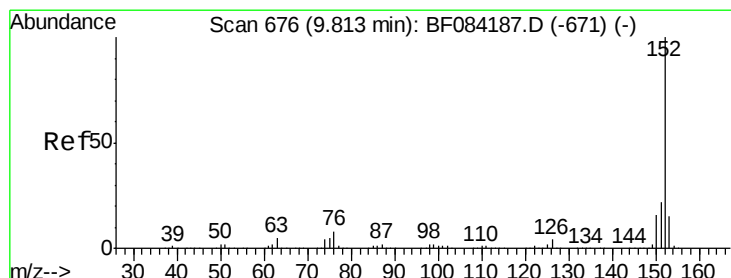
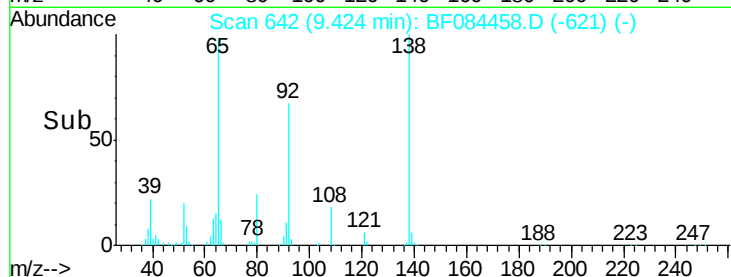
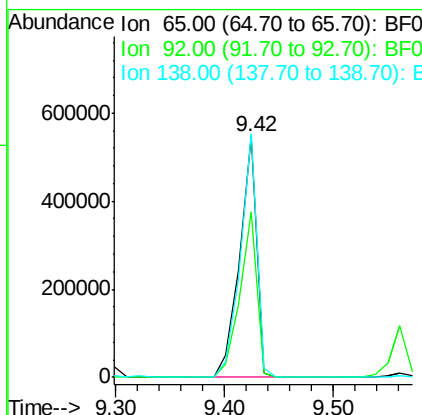
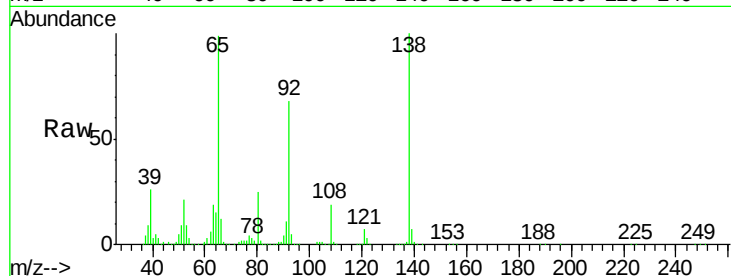




#47
2-Nitroaniline
Concen: 54.29 ng
RT: 9.42 min Scan# 642
Delta R.T. -0.06 min
Lab File: BF084458.D
Acq: 13 Jan 2016 23:00

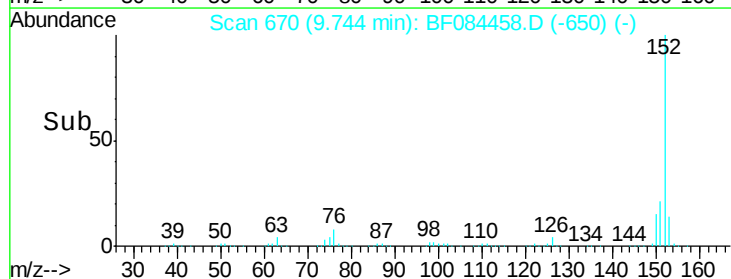
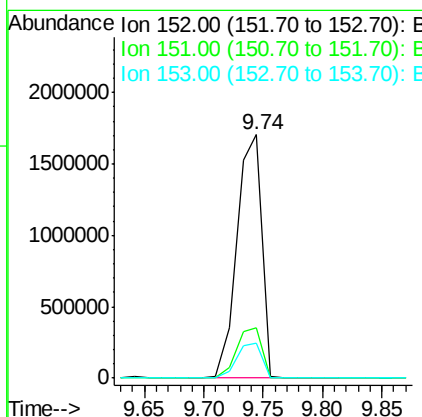
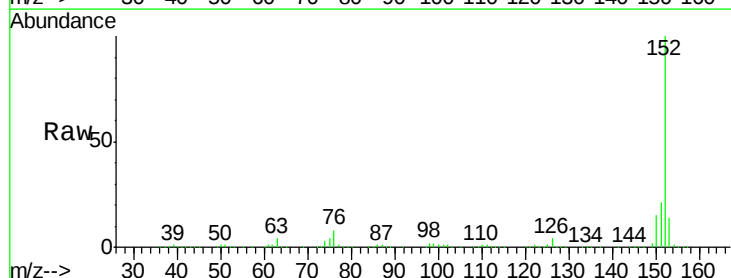
Instrument :
BNA_F
ClientSampleId :
HSR-WC-15-010516MS

Tot Ion: 65 Resp: 586890
Ion Ratio Lower Upper
65 100
92 68.7 53.4 80.2
138 101.1 71.1 106.7



#48
Acenaphthylene
Concen: 51.14 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.07 min
Lab File: BF084458.D
Acq: 13 Jan 2016 23:00

Tgt Ion: 152 Resp: 2475019
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 14.2 10.4 15.6





#49

Dimethylphthalate

Concen: 48.76 ng

RT: 9.61 min Scan# 658

Delta R.T. -0.07 min

Lab File: BF084458.D

Acq: 13 Jan 2016 23:00

Instrument :

BNA_F

ClientSampleId :

HSR-WC-15-010516MS

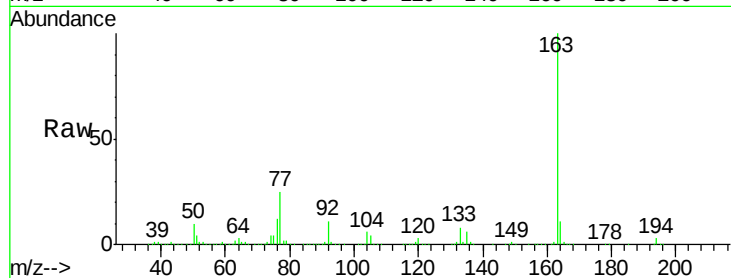
Tot Ion:163 Resp: 1828960

Ion Ratio Lower Upper

163 100

194 3.3 8.0 12.0#

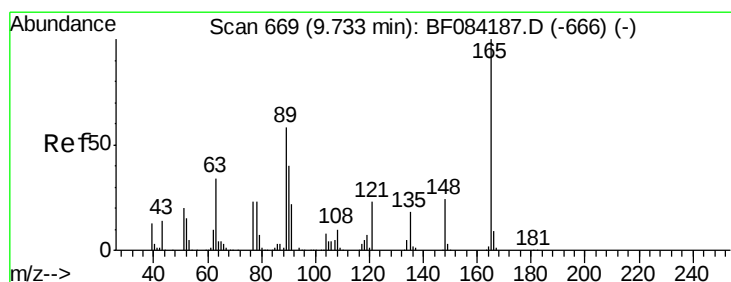
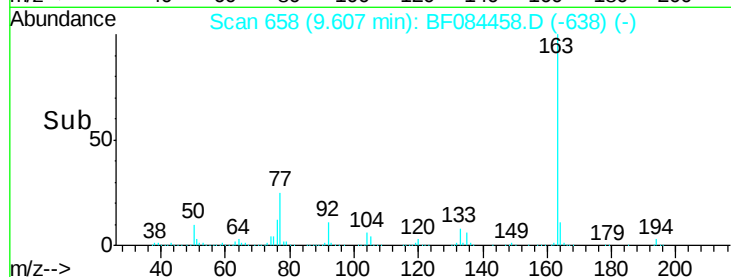
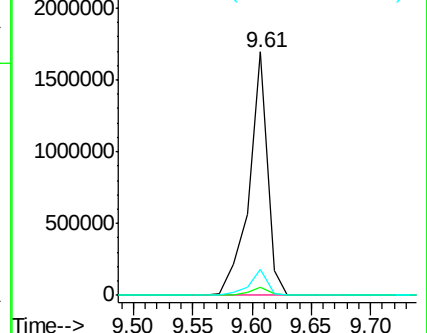
164 10.9 8.0 12.0



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: 48.14 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.07 min

Lab File: BF084458.D

Acq: 13 Jan 2016 23:00

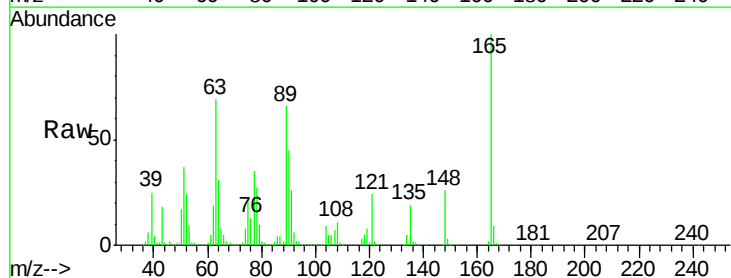
Tgt Ion:165 Resp: 396068

Ion Ratio Lower Upper

165 100

63 69.5 28.8 43.2#

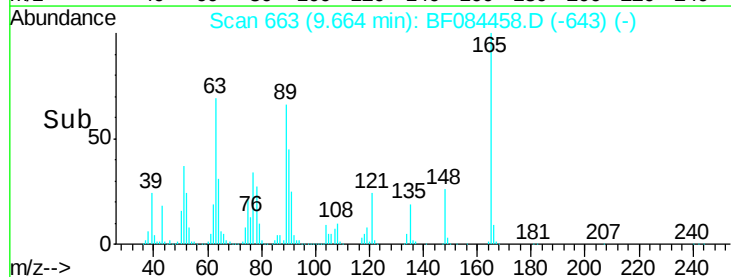
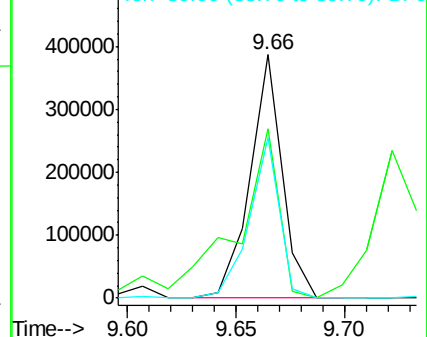
89 66.1 35.1 52.7#

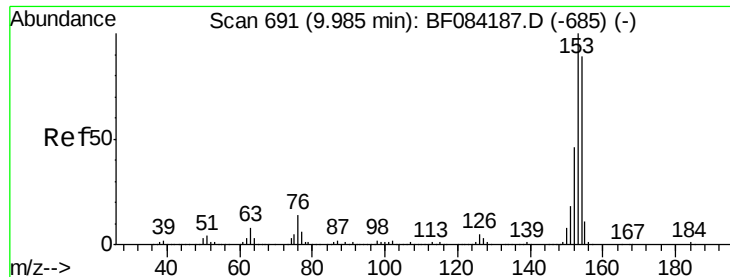


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 55.20 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.08 min

Lab File: BF084458.D

Acq: 13 Jan 2016 23:00

Instrument :

BNA_F

ClientSampleId :

HSR-WC-15-010516MS

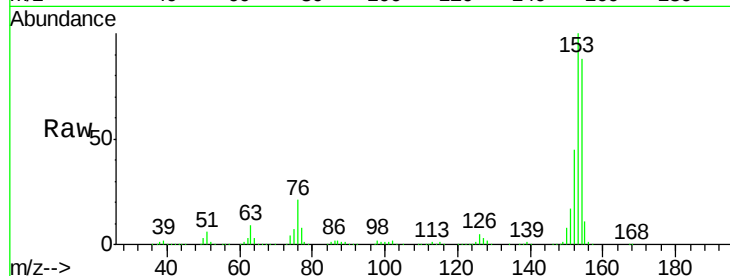
Tot Ion:154 Resp: 1791978

Ion Ratio Lower Upper

154 100

153 113.0 91.5 137.3

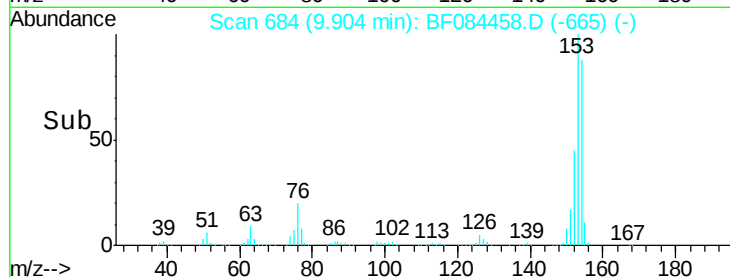
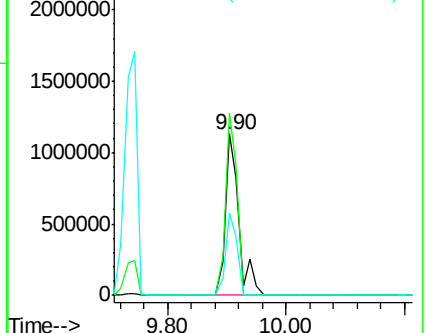
152 51.2 43.0 64.6



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: 8.90 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.07 min

Lab File: BF084458.D

Acq: 13 Jan 2016 23:00

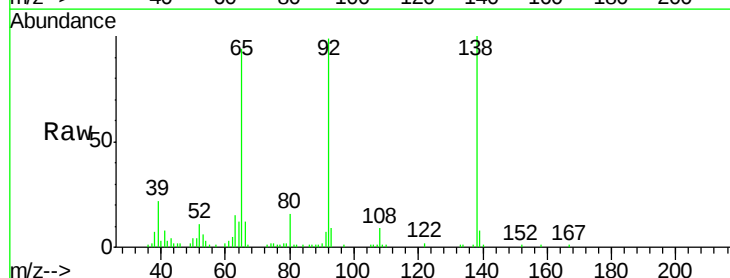
Tgt Ion:138 Resp: 90771

Ion Ratio Lower Upper

138 100

108 8.5 10.5 15.7#

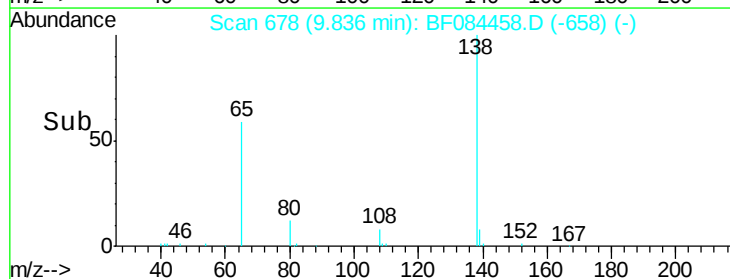
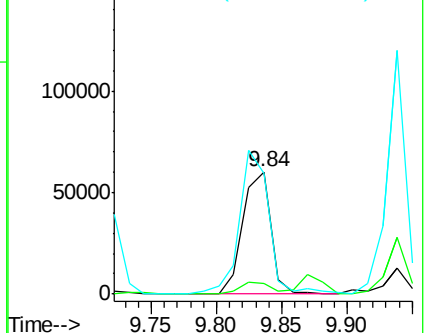
92 99.3 103.9 155.9#



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

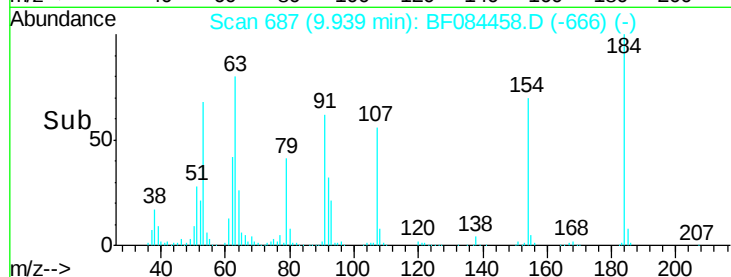
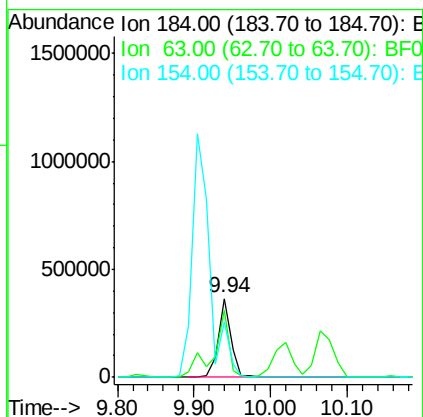
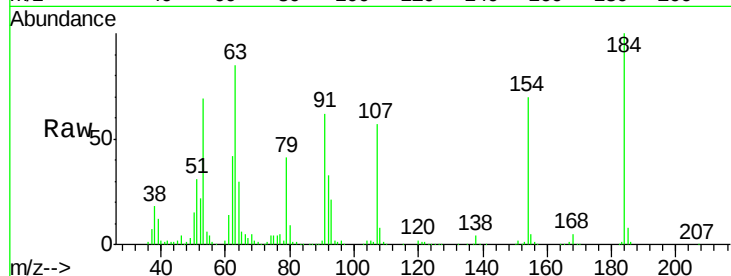




#53
2,4-Dinitrophenol
Concen: 121.01 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.06 min
Lab File: BF084458.D
Acq: 13 Jan 2016 23:00

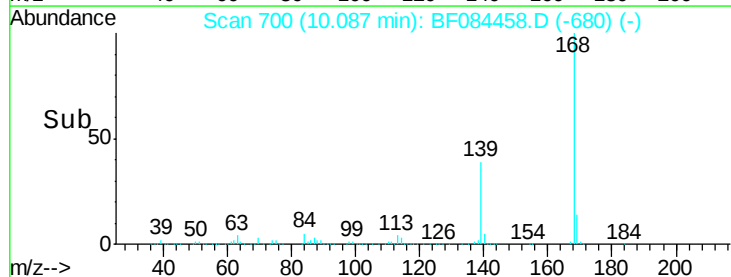
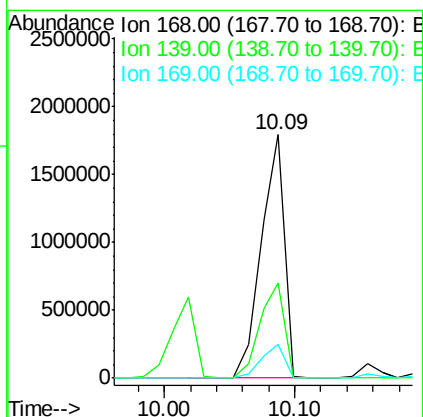
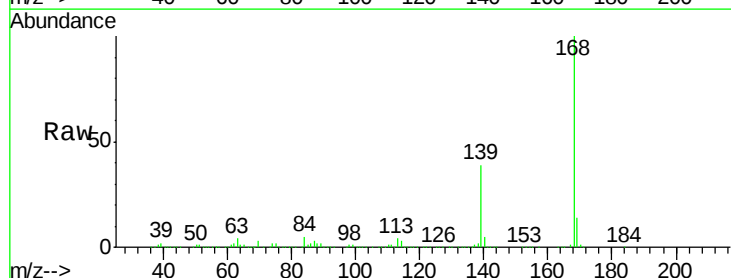
Instrument :
BNA_F
ClientSampleId :
HSR-WC-15-010516MS

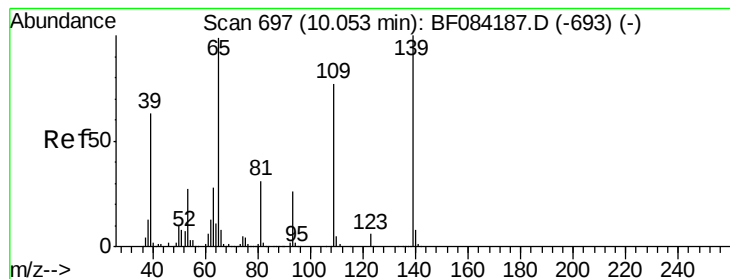
Tot Ion:184 Resp: 430793
Ion Ratio Lower Upper
184 100
63 85.1 43.1 64.7#
154 69.9 60.5 90.7



#54
Dibenzofuran
Concen: 53.12 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.07 min
Lab File: BF084458.D
Acq: 13 Jan 2016 23:00

Tgt Ion:168 Resp: 2210750
Ion Ratio Lower Upper
168 100
139 39.0 30.5 45.7
169 13.8 10.4 15.6





#55

4-Nitrophenol

Concen: 101.88 ng

RT: 10.02 min Scan# 694

Delta R.T. -0.03 min

Lab File: BF084458.D

Acq: 13 Jan 2016 23:00

Instrument :

BNA_F

ClientSampleId :

HSR-WC-15-010516MS

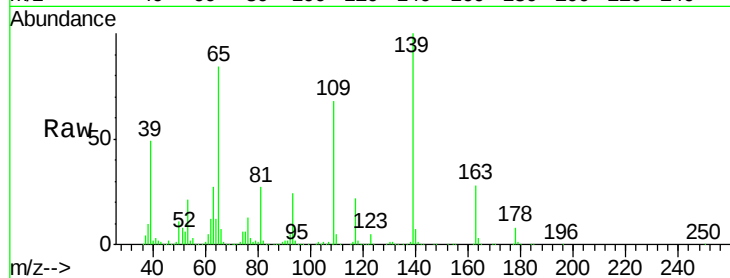
Tot Ion:139 Resp: 753905

Ion Ratio Lower Upper

139 100

109 68.1 58.5 98.5

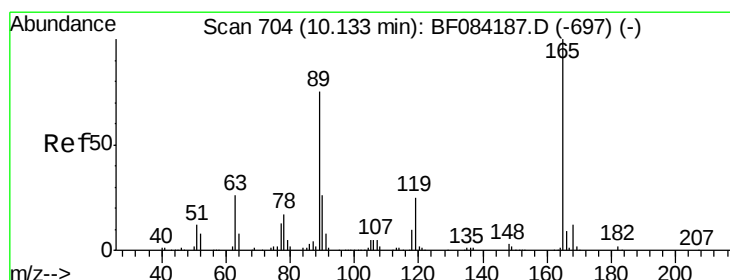
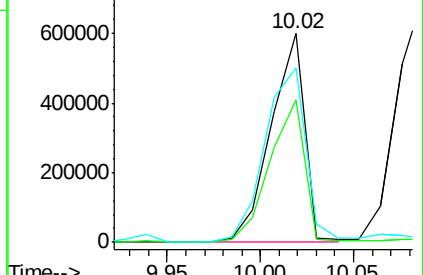
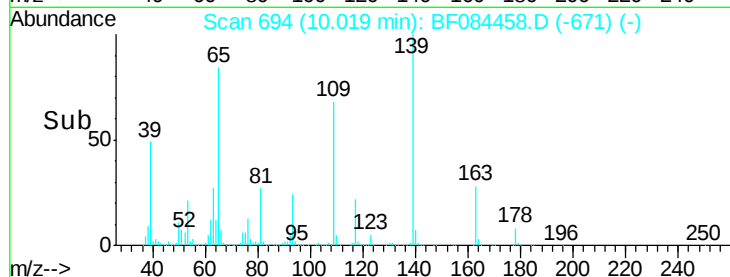
65 83.6 57.6 97.6



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): E



#56

2,4-Dinitrotoluene

Concen: 54.62 ng

RT: 10.08 min Scan# 699

Delta R.T. -0.06 min

Lab File: BF084458.D

Acq: 13 Jan 2016 23:00

Tgt Ion:165 Resp: 568727

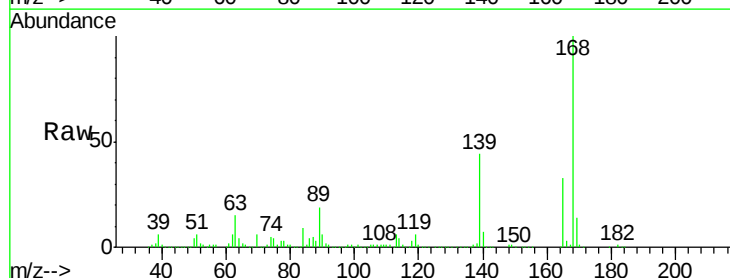
Ion Ratio Lower Upper

165 100

63 45.3 36.7 55.1

89 58.4 61.9 92.9#

182 2.6 2.0 3.0

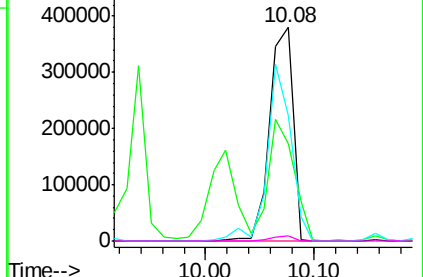
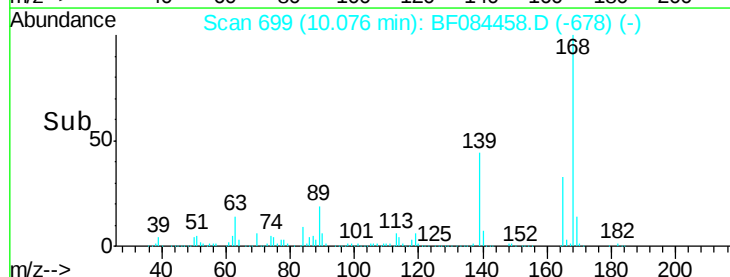


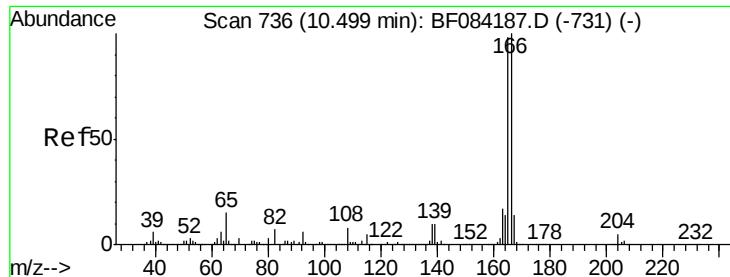
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 51.43 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.07 min

Lab File: BF084458.D

Acq: 13 Jan 2016 23:00

Instrument :

BNA_F

ClientSampleId :

HSR-WC-15-010516MS

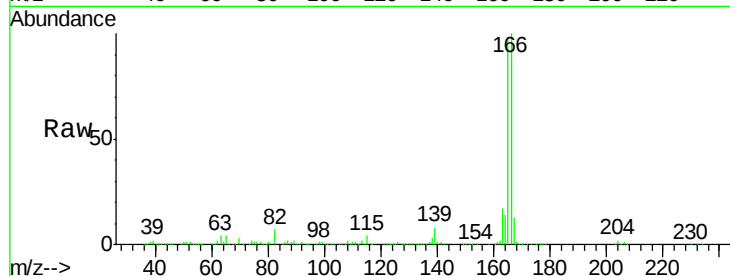
Tot Ion:166 Resp: 1660869

Ion Ratio Lower Upper

166 100

165 97.8 79.1 118.7

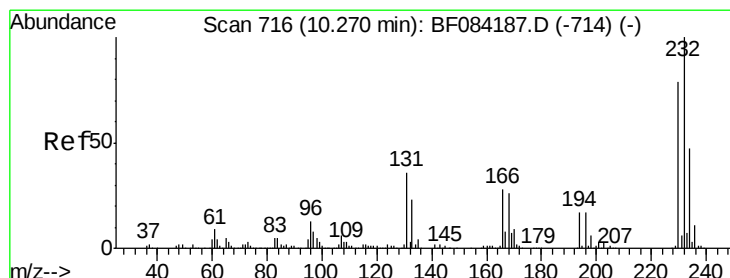
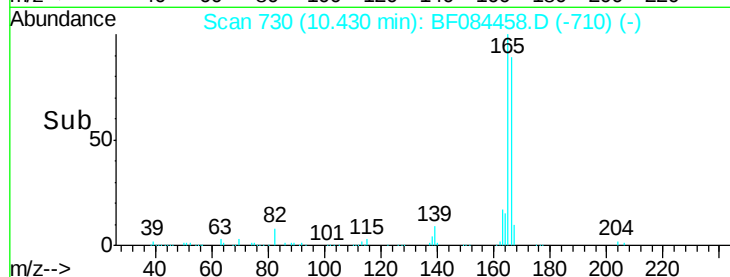
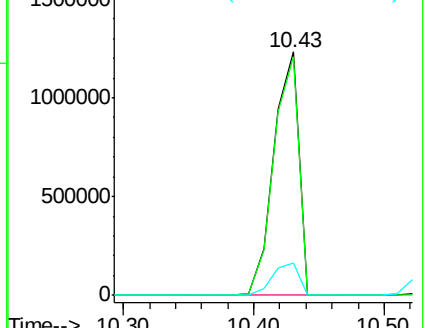
167 13.4 10.4 15.6



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: 47.72 ng

RT: 10.20 min Scan# 710

Delta R.T. -0.07 min

Lab File: BF084458.D

Acq: 13 Jan 2016 23:00

Tgt Ion:232 Resp: 440749

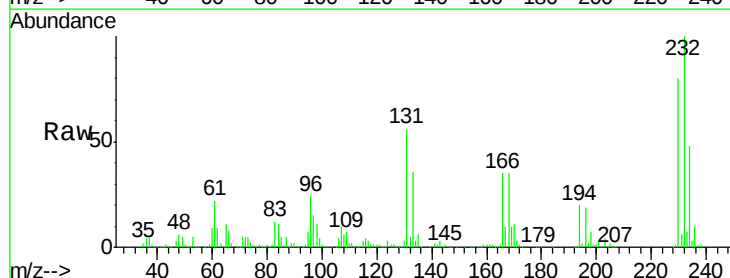
Ion Ratio Lower Upper

232 100

131 54.0 47.0 70.6

130 2.5 2.0 3.0

166 33.4 30.5 45.7

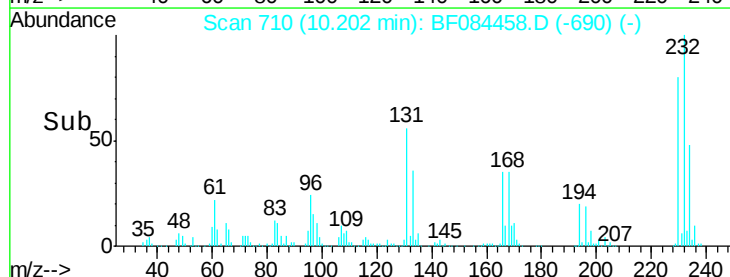
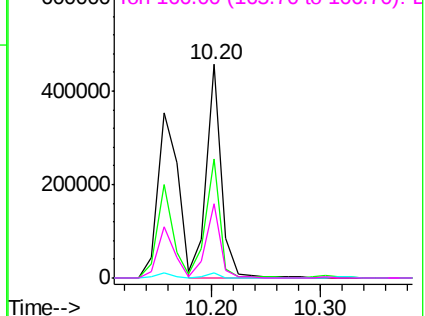


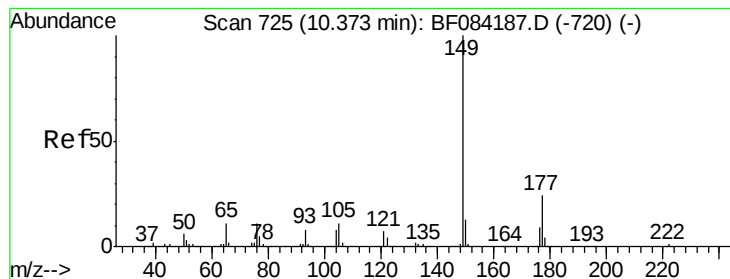
Abundance Ion 232.00 (231.70 to 232.70): E

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: 47.17 ng

RT: 10.30 min Scan# 719

Delta R.T. -0.07 min

Lab File: BF084458.D

Acq: 13 Jan 2016 23:00

Instrument :

BNA_F

ClientSampleId :

HSR-WC-15-010516MS

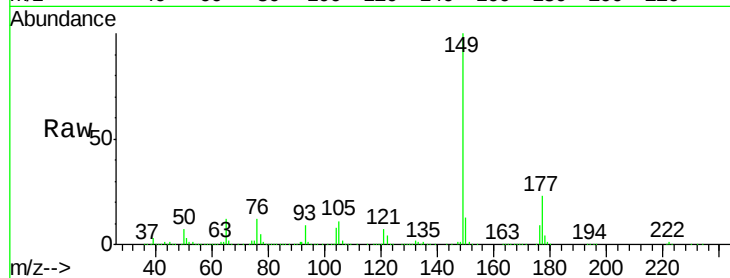
Tot Ion:149 Resp: 1744662

Ion Ratio Lower Upper

149 100

177 22.5 17.3 25.9

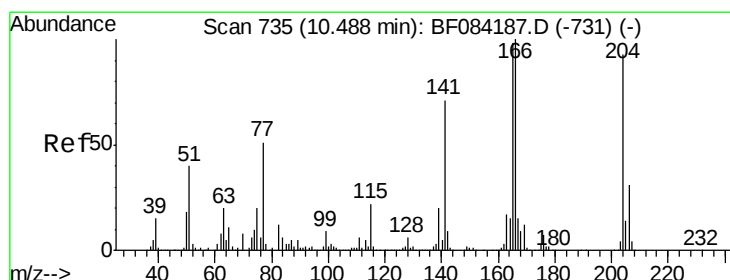
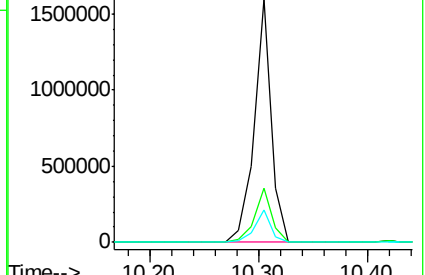
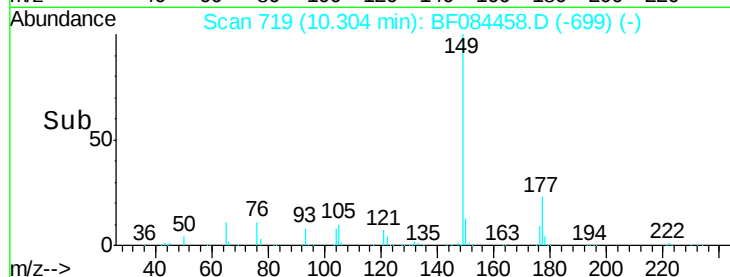
150 13.4 9.8 14.8



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: 58.47 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.07 min

Lab File: BF084458.D

Acq: 13 Jan 2016 23:00

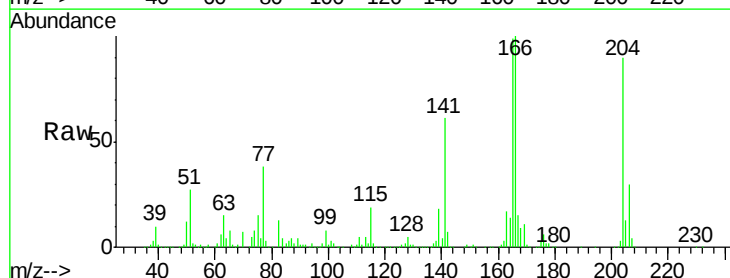
Tgt Ion:204 Resp: 769516

Ion Ratio Lower Upper

204 100

206 33.1 25.7 38.5

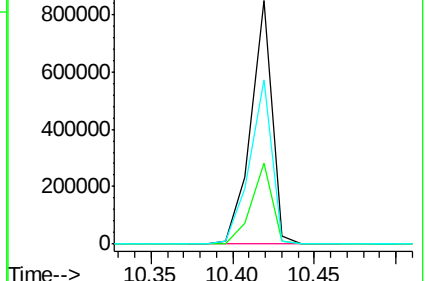
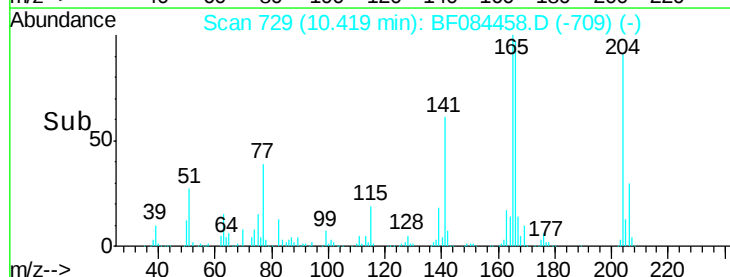
141 67.4 55.1 82.7

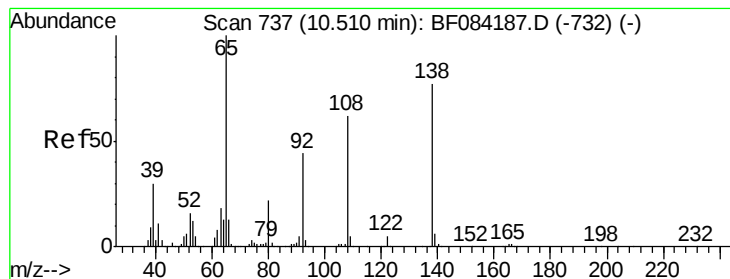


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 45.81 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.06 min

Lab File: BF084458.D

Acq: 13 Jan 2016 23:00

Instrument :

BNA_F

ClientSampleId :

HSR-WC-15-010516MS

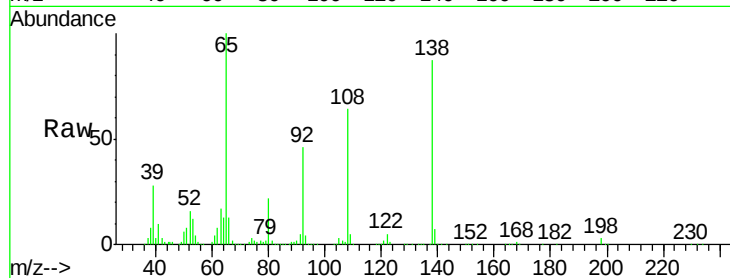
Tot Ion:138 Resp: 416252

Ion Ratio Lower Upper

138 100

92 53.5 32.6 72.6

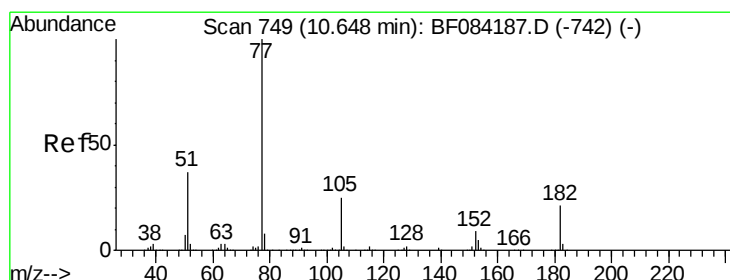
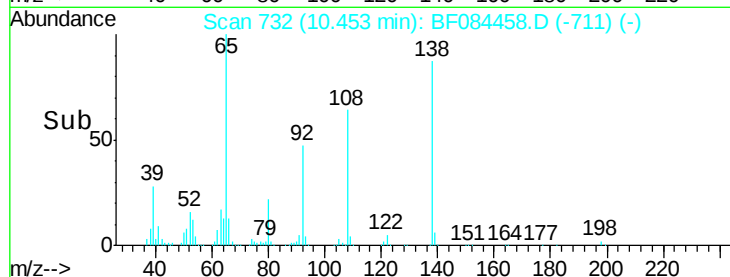
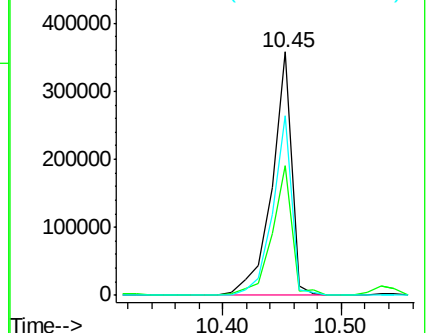
108 73.9 68.6 108.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 51.05 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.07 min

Lab File: BF084458.D

Acq: 13 Jan 2016 23:00

Tgt Ion: 77 Resp: 2070699

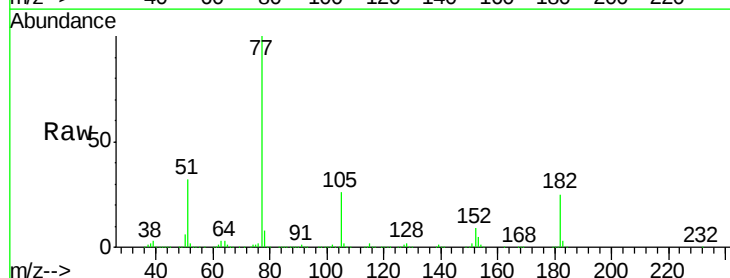
Ion Ratio Lower Upper

77 100

182 24.8 8.3 48.3

105 25.6 4.6 44.6

51 31.6 6.2 46.2

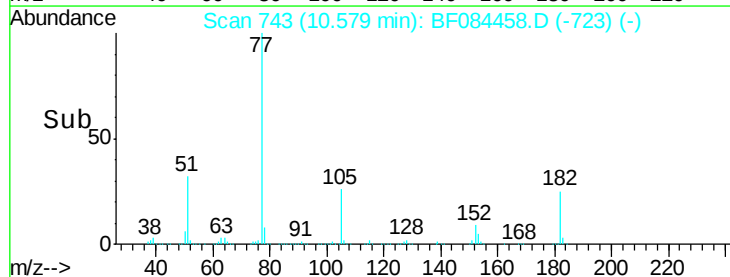
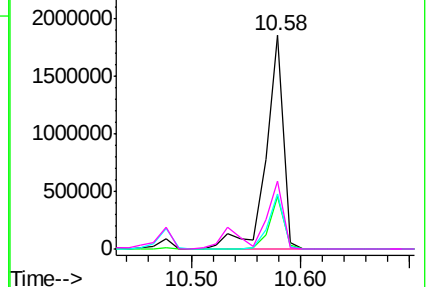


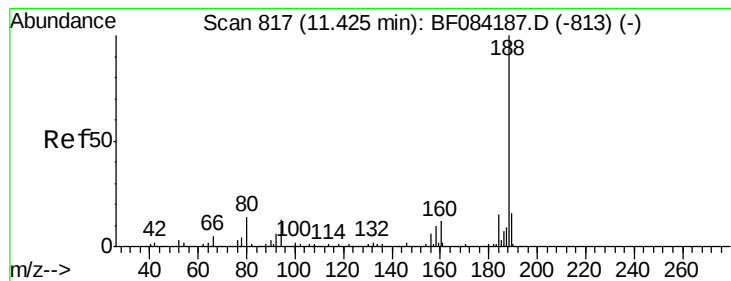
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.07 min

Lab File: BF084458.D

Acq: 13 Jan 2016 23:00

Instrument :

BNA_F

ClientSampleId :

HSR-WC-15-010516MS

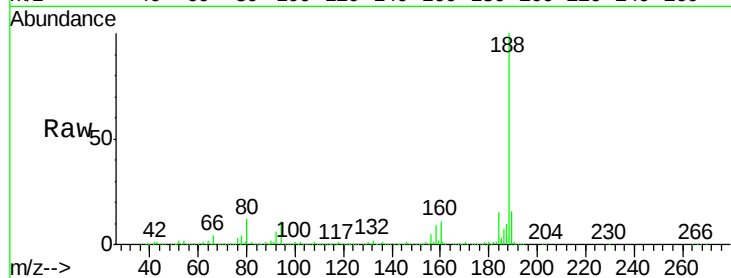
Tot Ion:188 Resp: 977044

Ion Ratio Lower Upper

188 100

94 11.1 9.0 13.4

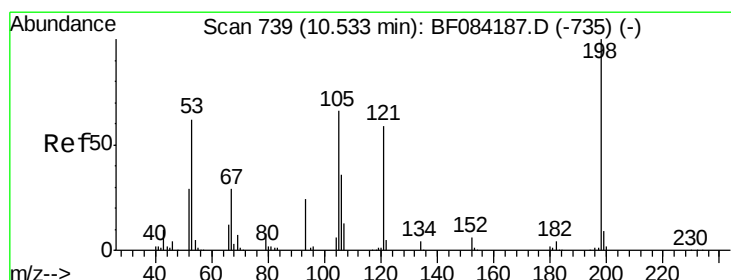
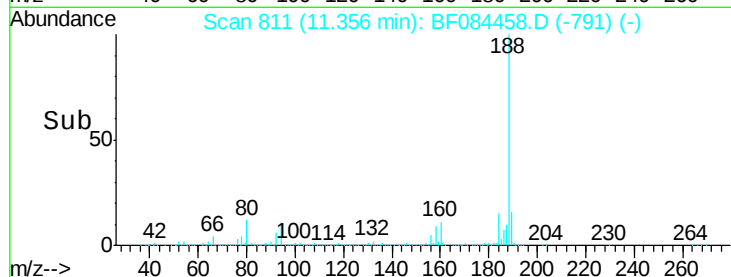
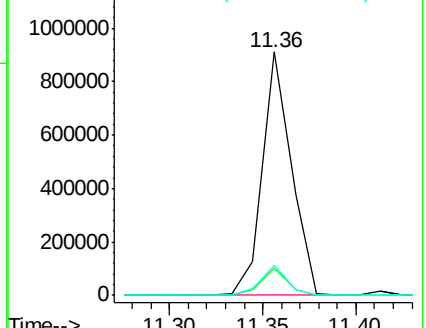
80 12.3 9.6 14.4



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: 50.70 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.06 min

Lab File: BF084458.D

Acq: 13 Jan 2016 23:00

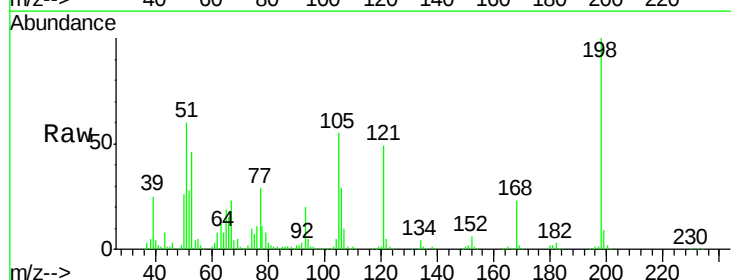
Tgt Ion:198 Resp: 298335

Ion Ratio Lower Upper

198 100

51 60.4 18.9 58.9#

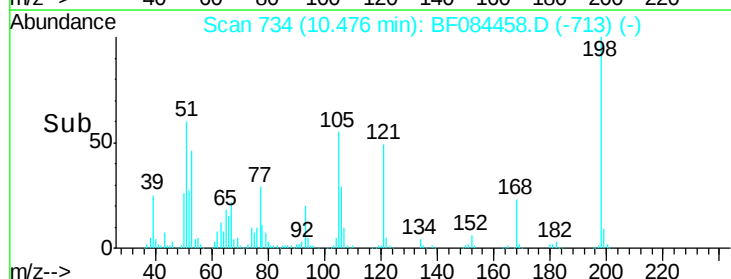
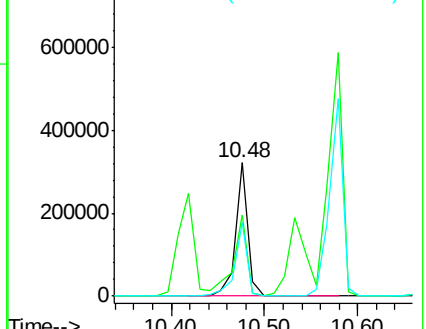
105 55.5 26.4 66.4

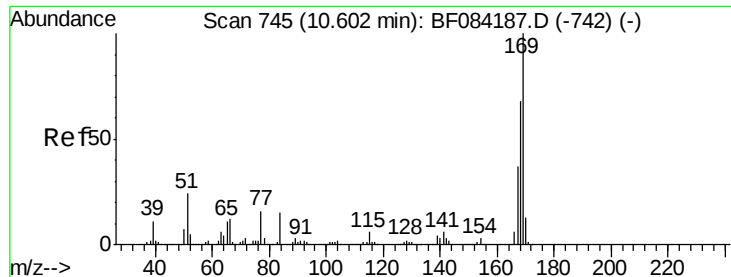


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 49.42 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.06 min

Lab File: BF084458.D

Acq: 13 Jan 2016 23:00

Instrument :

BNA_F

ClientSampleId :

HSR-WC-15-010516MS

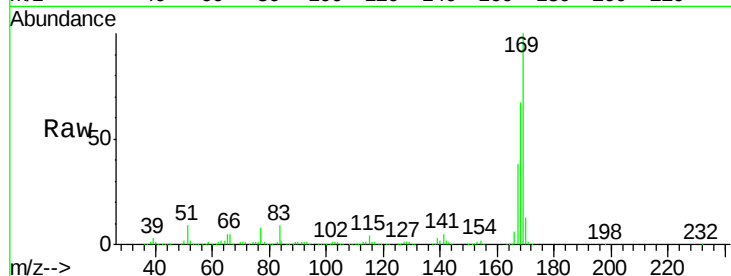
Tot Ion:169 Resp: 1543691

Ion Ratio Lower Upper

169 100

168 67.1 55.1 82.7

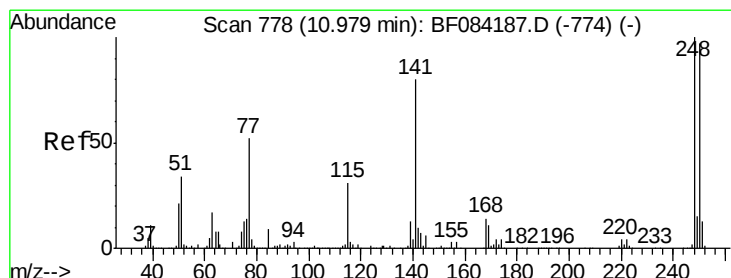
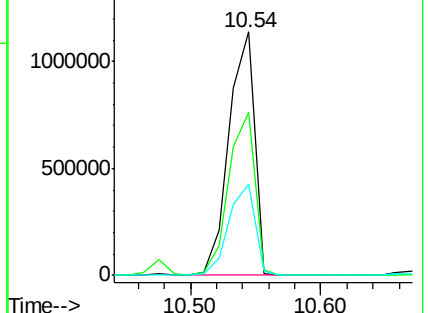
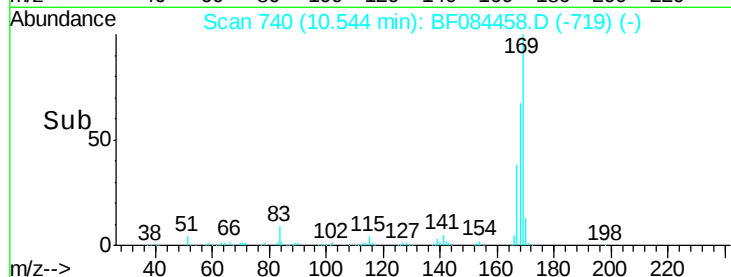
167 37.7 30.0 45.0



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: 50.54 ng

RT: 10.91 min Scan# 772

Delta R.T. -0.07 min

Lab File: BF084458.D

Acq: 13 Jan 2016 23:00

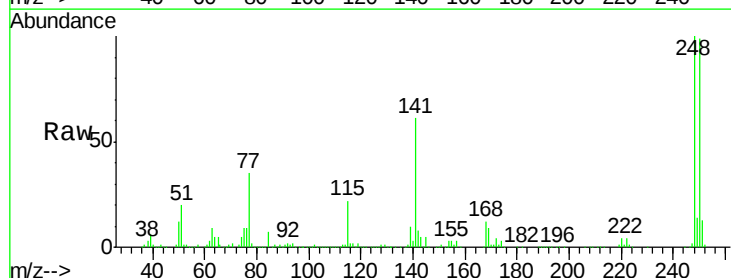
Tgt Ion:248 Resp: 531450

Ion Ratio Lower Upper

248 100

250 98.6 78.4 117.6

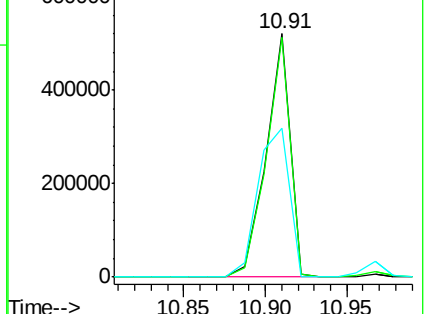
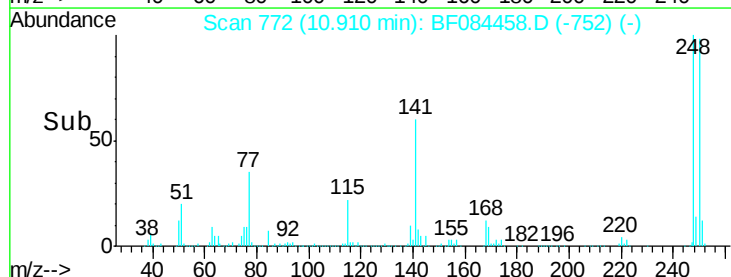
141 61.0 44.0 66.0

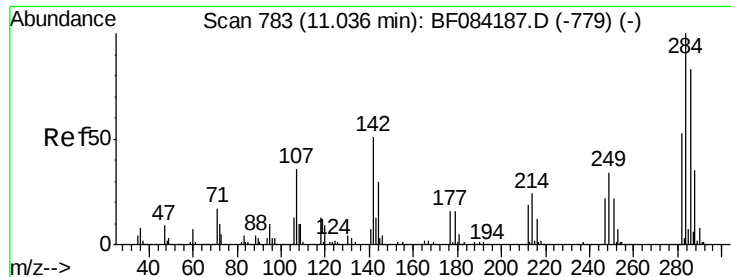


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

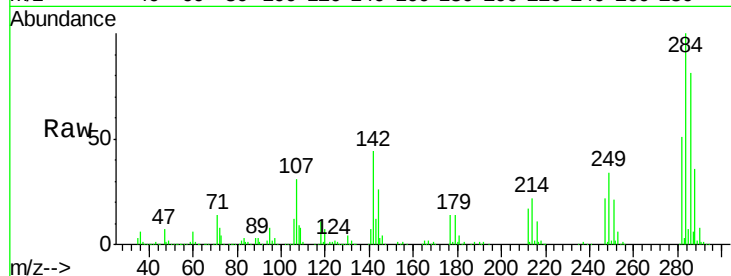




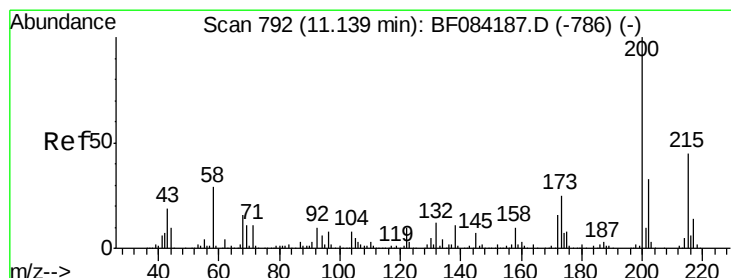
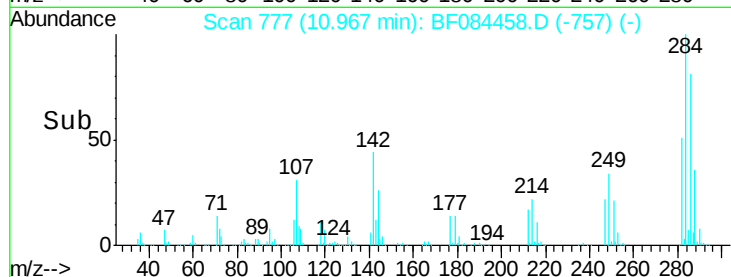
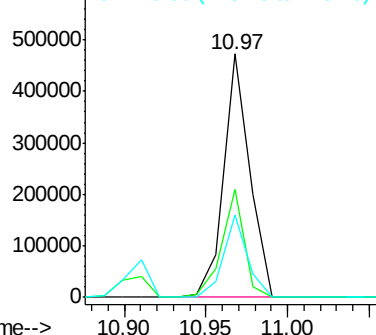
#67
Hexachlorobenzene
Concen: 44.03 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.07 min
Lab File: BF084458.D
Acq: 13 Jan 2016 23:00

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

Tot Ion:284 Resp: 521202
Ion Ratio Lower Upper
284 100
142 44.2 22.2 33.4#
249 33.7 24.6 37.0

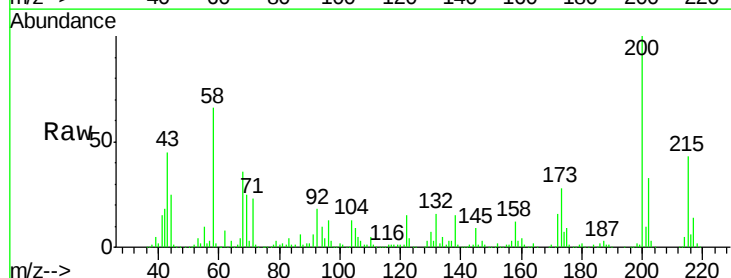


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

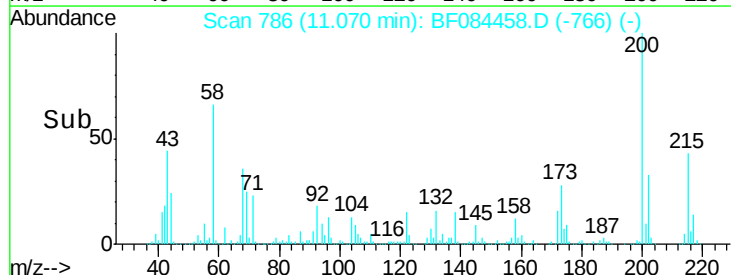
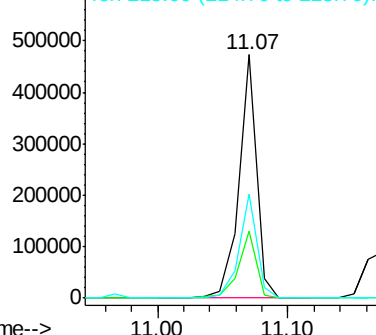


#68
Atrazine
Concen: 43.80 ng
RT: 11.07 min Scan# 786
Delta R.T. -0.07 min
Lab File: BF084458.D
Acq: 13 Jan 2016 23:00

Tgt Ion:200 Resp: 447735
Ion Ratio Lower Upper
200 100
173 27.6 9.5 49.5
215 42.9 23.8 63.8



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

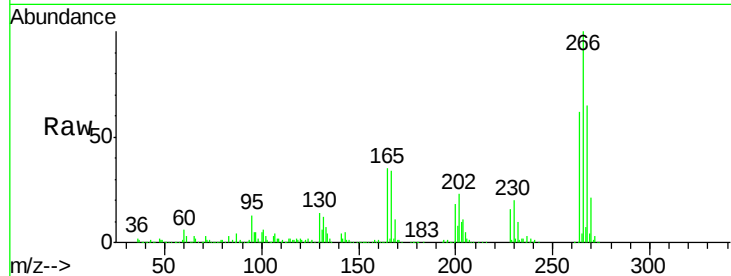




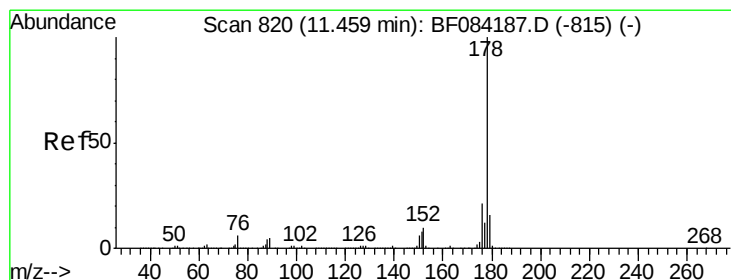
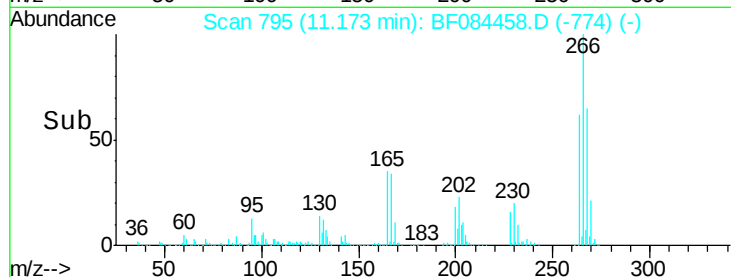
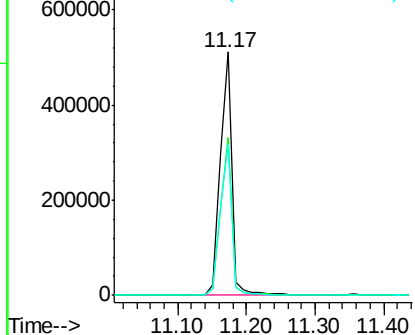
#69
 Pentachlorophenol
 Concen: 100.50 ng
 RT: 11.17 min Scan# 795
 Delta R.T. -0.06 min
 Lab File: BF084458.D
 Acq: 13 Jan 2016 23:00

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

Tot Ion:266 Resp: 616800
 Ion Ratio Lower Upper
 266 100
 268 64.6 52.4 78.6
 264 62.3 50.2 75.2

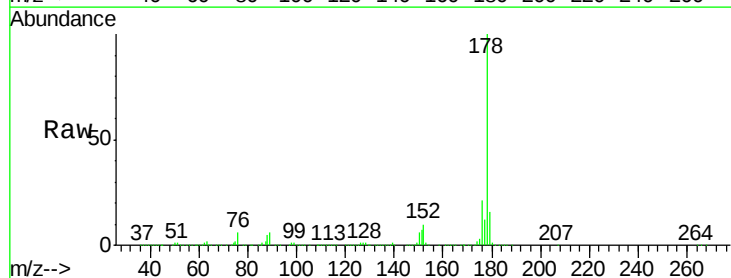


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

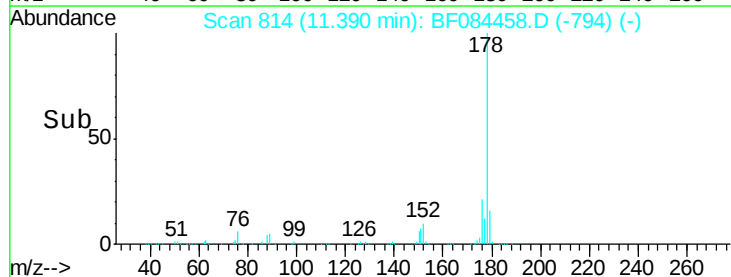
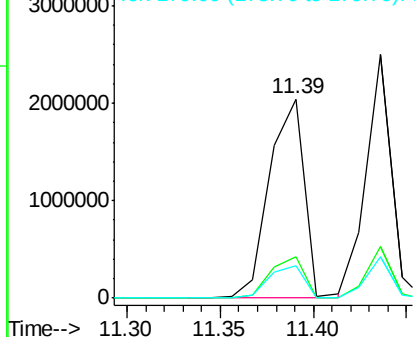


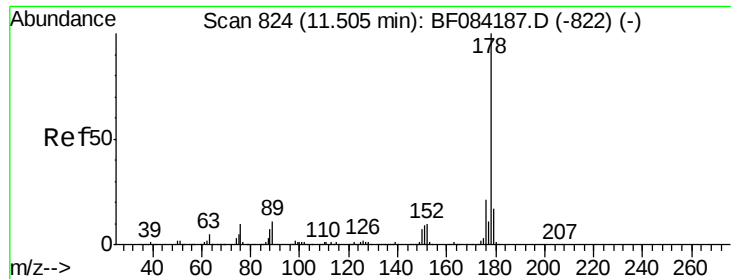
#70
 Phenanthrene
 Concen: 52.08 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.07 min
 Lab File: BF084458.D
 Acq: 13 Jan 2016 23:00

Tgt Ion:178 Resp: 2661719
 Ion Ratio Lower Upper
 178 100
 176 21.0 15.3 22.9
 179 16.1 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

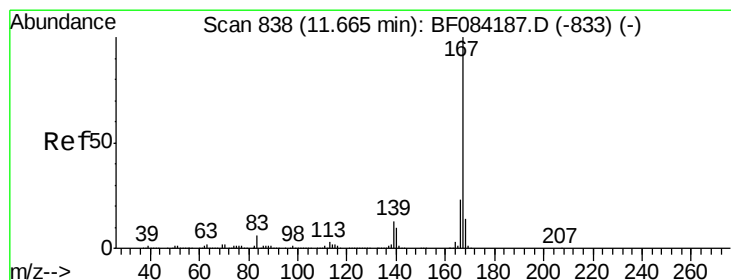
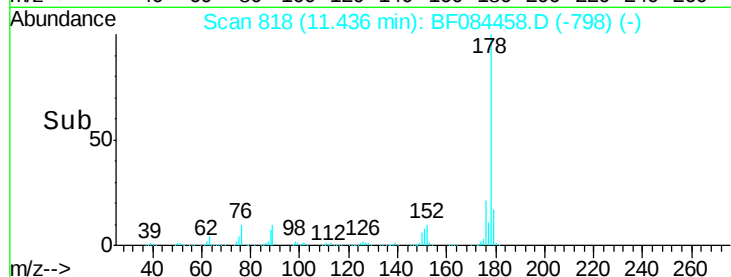
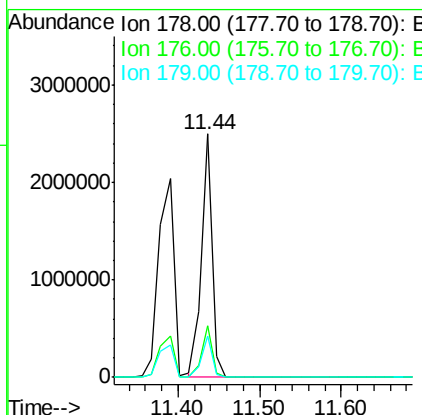
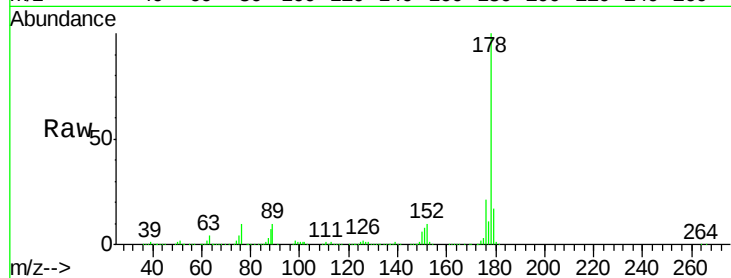




#71
 Anthracene
 Concen: 46.69 ng
 RT: 11.44 min Scan# 818
 Delta R.T. -0.07 min
 Lab File: BF084458.D
 Acq: 13 Jan 2016 23:00

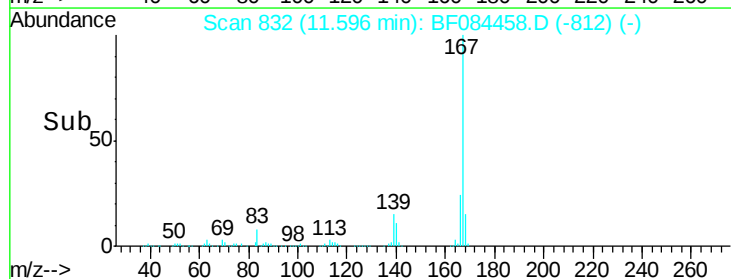
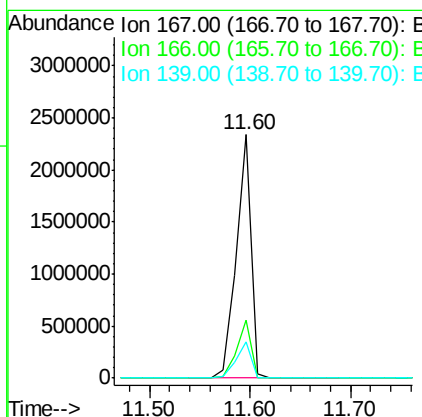
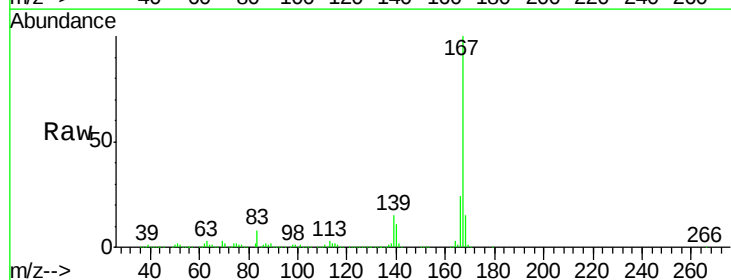
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-15-010516MS

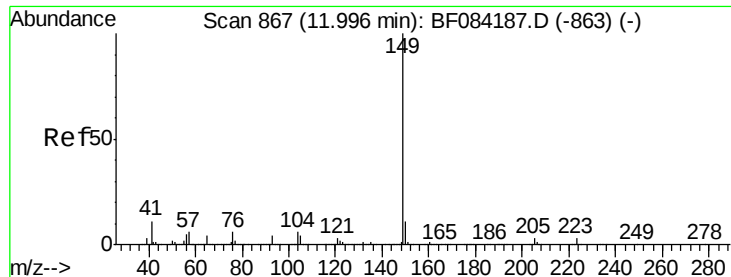
Tot Ion:178 Resp: 2339269
 Ion Ratio Lower Upper
 178 100
 176 20.9 15.4 23.0
 179 17.0 12.5 18.7



#72
 Carbazole
 Concen: 48.57 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.07 min
 Lab File: BF084458.D
 Acq: 13 Jan 2016 23:00

Tgt Ion:167 Resp: 2378868
 Ion Ratio Lower Upper
 167 100
 166 24.0 17.6 26.4
 139 15.0 11.8 17.8





#73

Di-n-butylphthalate

Concen: 54.81 ng

RT: 11.93 min Scan# 861

Delta R.T. -0.07 min

Lab File: BF084458.D

Acq: 13 Jan 2016 23:00

Instrument :

BNA_F

ClientSampleId :

HSR-WC-15-010516MS

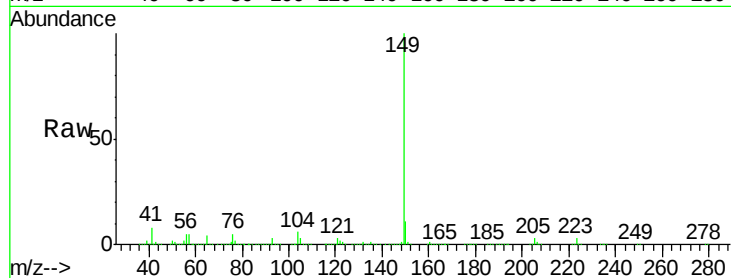
Tot Ion:149 Resp: 2703414

Ion Ratio Lower Upper

149 100

150 10.7 7.1 10.7

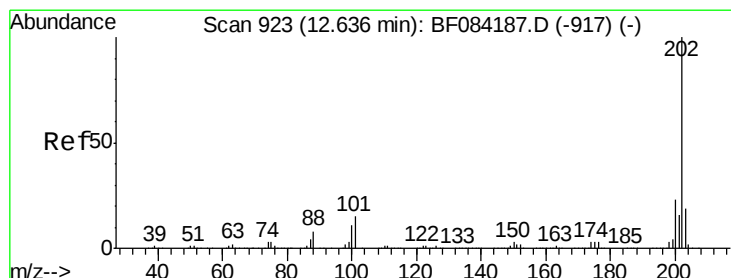
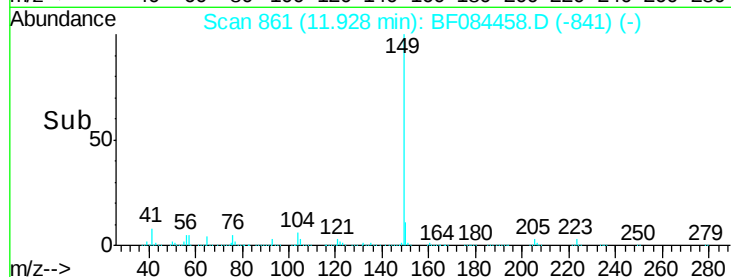
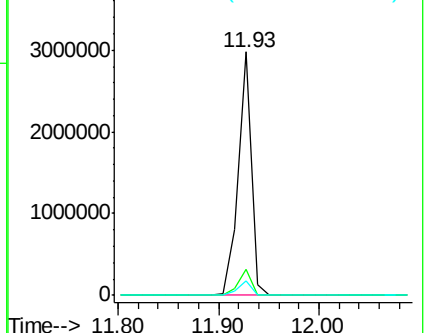
104 5.9 3.2 4.8#



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: 43.61 ng

RT: 12.57 min Scan# 917

Delta R.T. -0.07 min

Lab File: BF084458.D

Acq: 13 Jan 2016 23:00

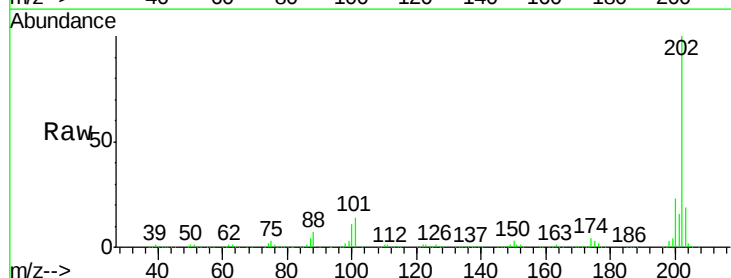
Tgt Ion:202 Resp: 2328181

Ion Ratio Lower Upper

202 100

101 14.4 0.0 32.8

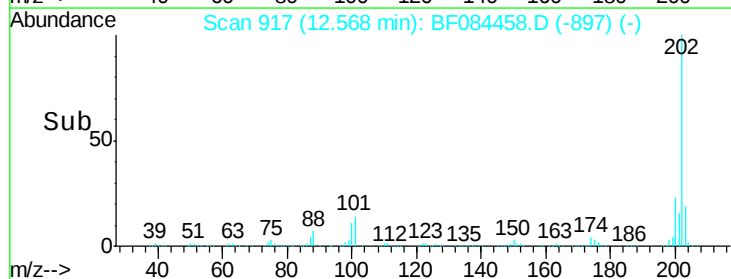
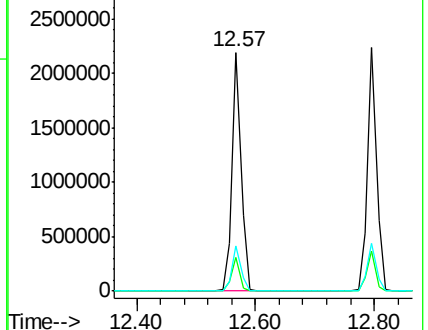
203 19.0 0.0 37.9

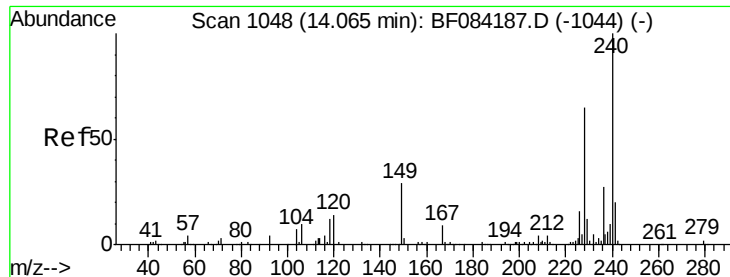


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF084458.D

Acq: 13 Jan 2016 23:00

Instrument :

BNA_F

ClientSampleId :

HSR-WC-15-010516MS

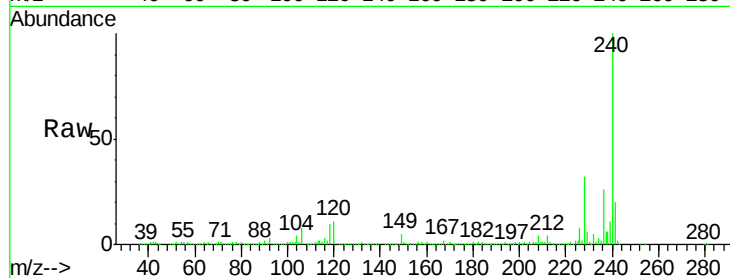
Tot Ion:240 Resp: 776018

Ion Ratio Lower Upper

240 100

120 11.1 9.5 14.3

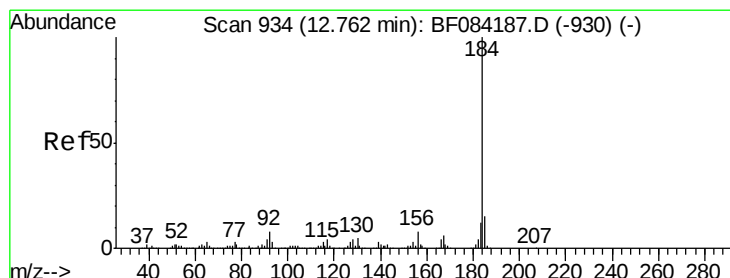
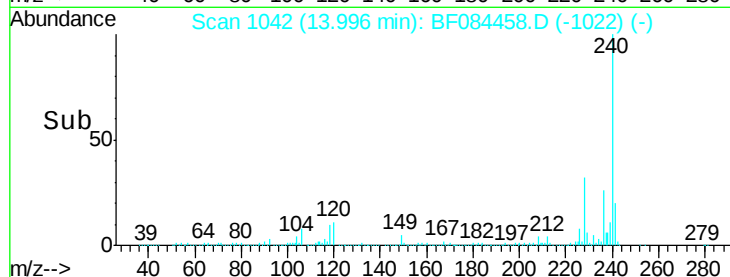
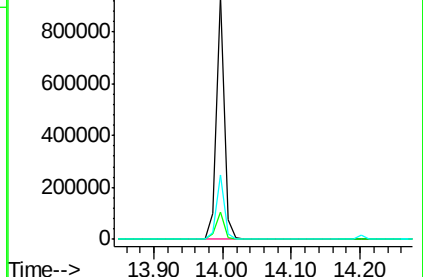
236 26.2 20.6 31.0



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: 3.87 ng

RT: 12.69 min Scan# 928

Delta R.T. -0.07 min

Lab File: BF084458.D

Acq: 13 Jan 2016 23:00

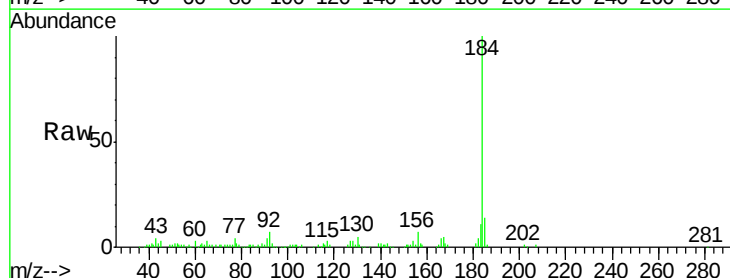
Tgt Ion:184 Resp: 107782

Ion Ratio Lower Upper

184 100

185 14.2 12.2 18.2

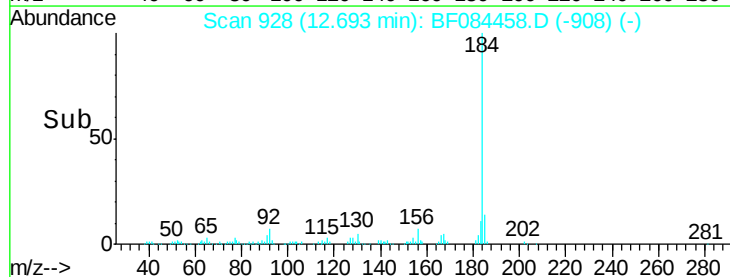
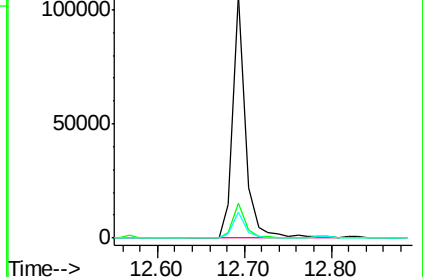
183 10.6 9.8 14.8

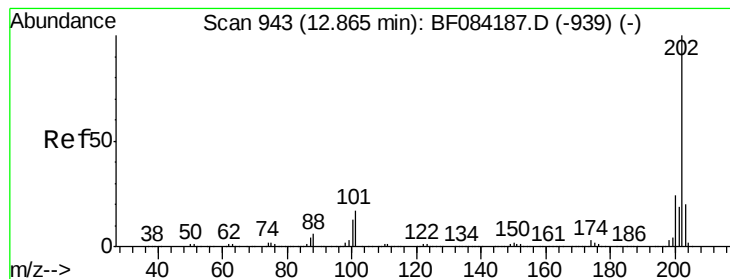


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.07 ng

RT: 12.80 min Scan# 937

Delta R.T. -0.07 min

Lab File: BF084458.D

Acq: 13 Jan 2016 23:00

Instrument :

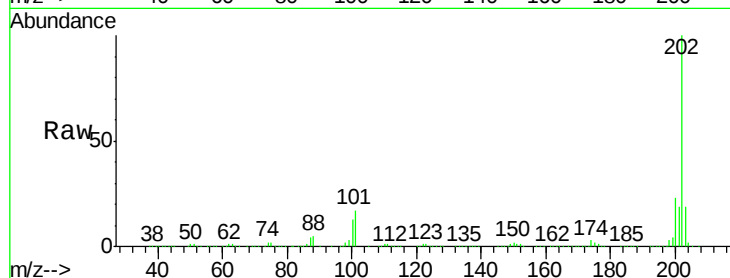
BNA_F

ClientSampleId :

HSR-WC-15-010516MS

Tot Ion:202 Resp: 2379229

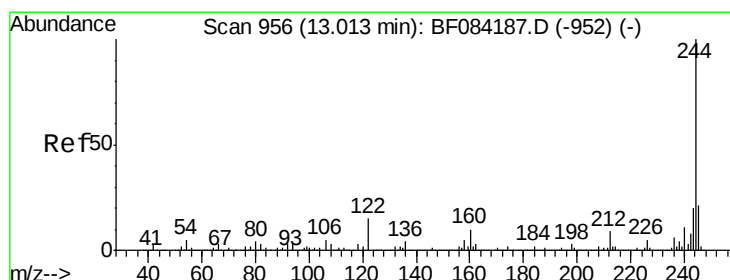
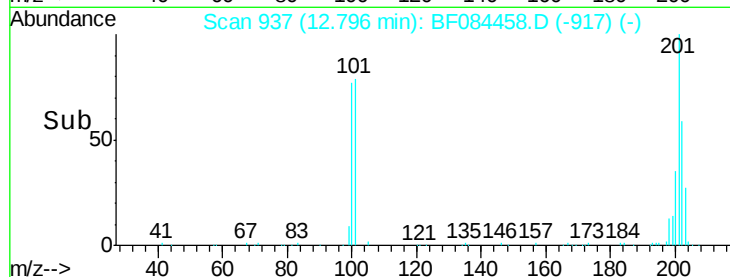
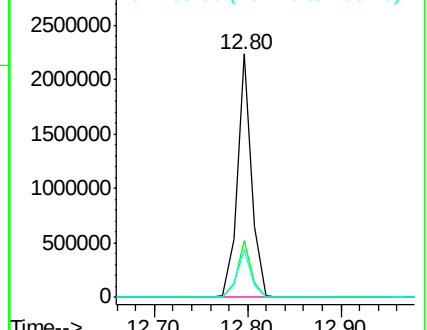
Ion	Ratio	Lower	Upper
202	100		
200	23.3	17.2	25.8
203	19.5	14.3	21.5



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: 72.61 ng

RT: 12.94 min Scan# 950

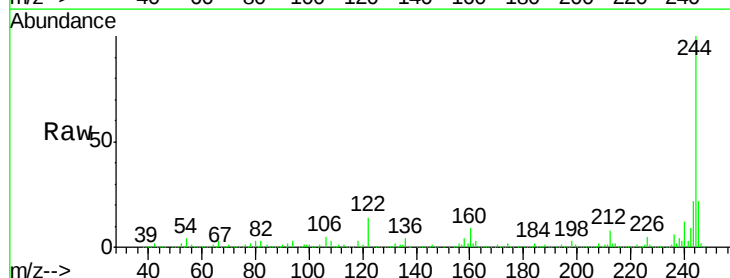
Delta R.T. -0.07 min

Lab File: BF084458.D

Acq: 13 Jan 2016 23:00

Tgt Ion:244 Resp: 2524160

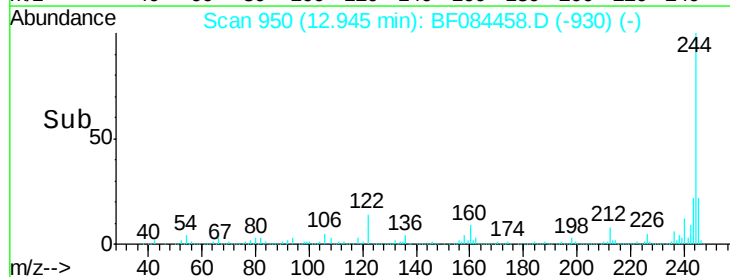
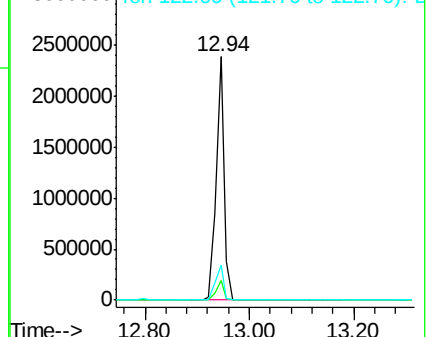
Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.7	8.5
122	14.4	7.4	11.0



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: 48.06 ng

RT: 13.42 min Scan# 992

Delta R.T. -0.07 min

Lab File: BF084458.D

Acq: 13 Jan 2016 23:00

Instrument :

BNA_F

ClientSampleId :

HSR-WC-15-010516MS

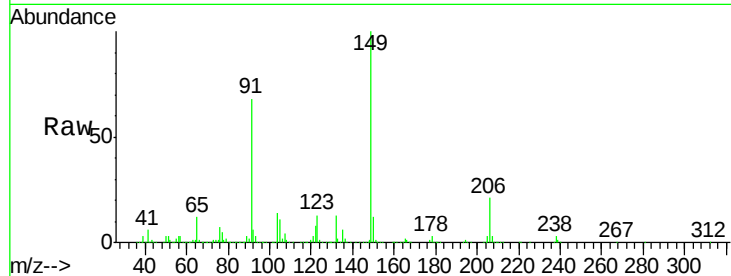
Tot Ion:149 Resp: 1266482

Ion Ratio Lower Upper

149 100

91 67.9 57.6 86.4

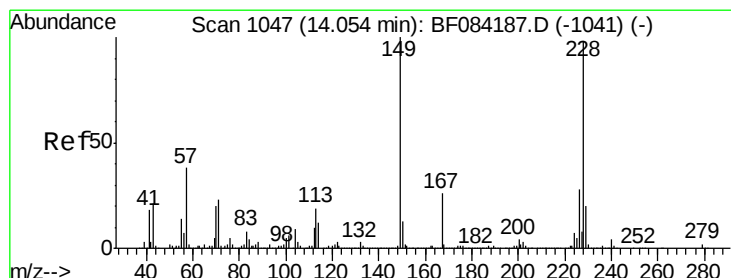
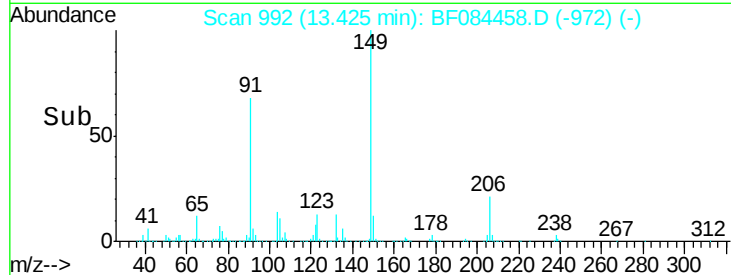
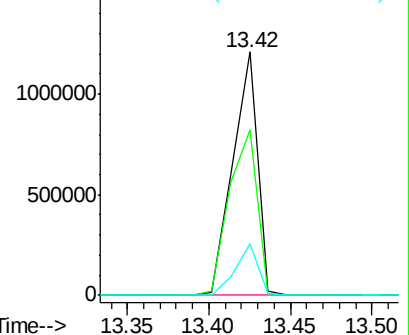
206 21.2 13.2 19.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 43.63 ng

RT: 13.98 min Scan# 1041

Delta R.T. -0.07 min

Lab File: BF084458.D

Acq: 13 Jan 2016 23:00

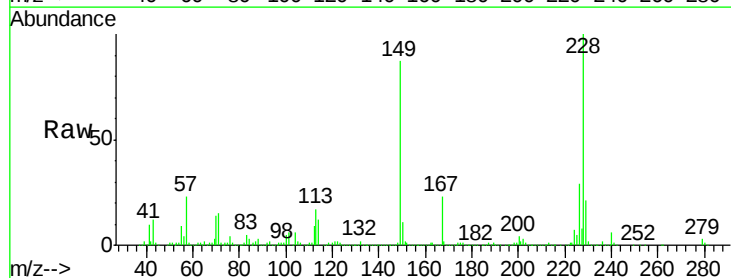
Tgt Ion:228 Resp: 1988030

Ion Ratio Lower Upper

228 100

226 28.7 21.8 32.6

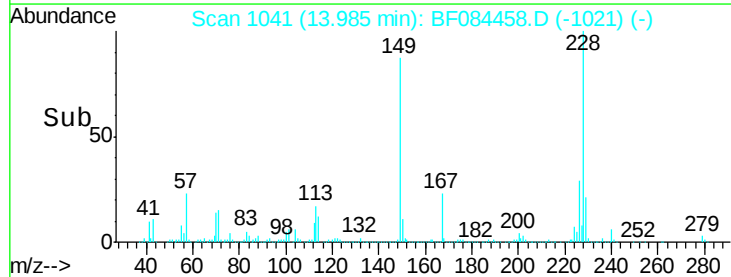
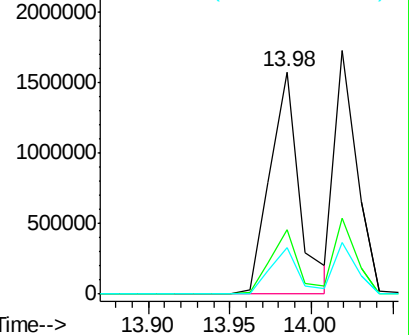
229 20.9 15.8 23.8



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

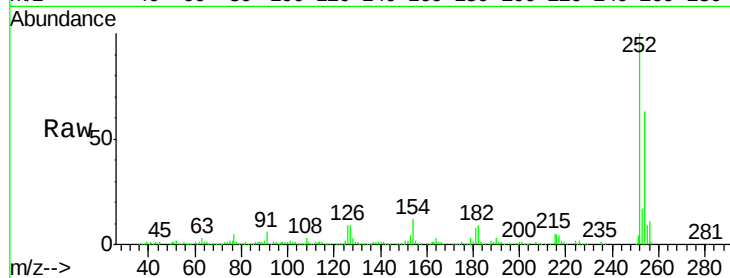




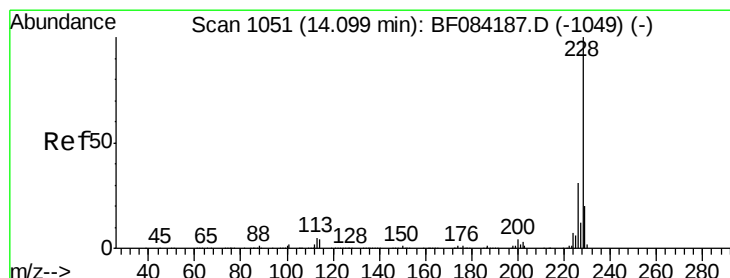
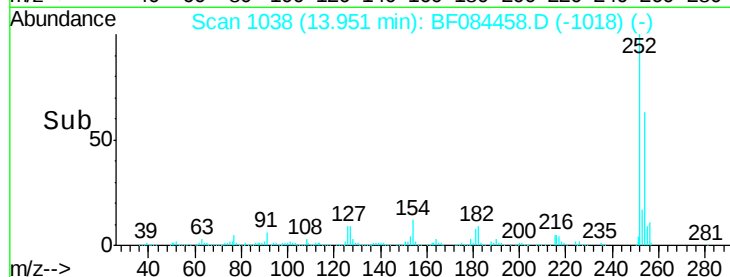
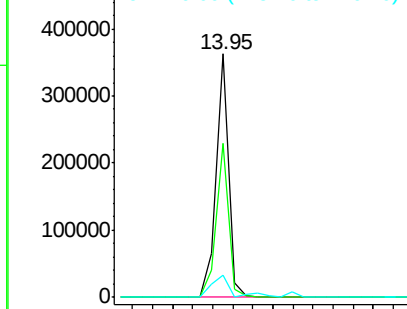
#81
 3,3'-Dichlorobenzidine
 Concen: 19.72 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.07 min
 Lab File: BF084458.D
 Acq: 13 Jan 2016 23:00

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

Tot Ion:252 Resp: 313541
 Ion Ratio Lower Upper
 252 100
 254 63.1 53.5 80.3
 126 9.3 4.9 7.3#

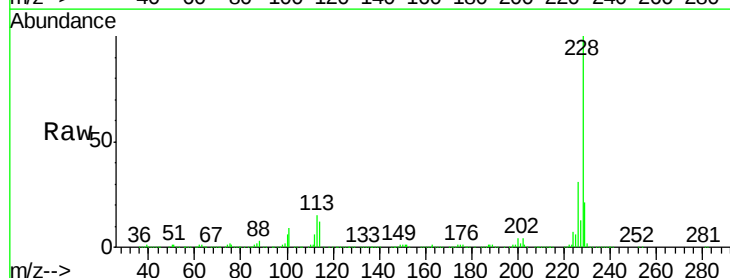


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

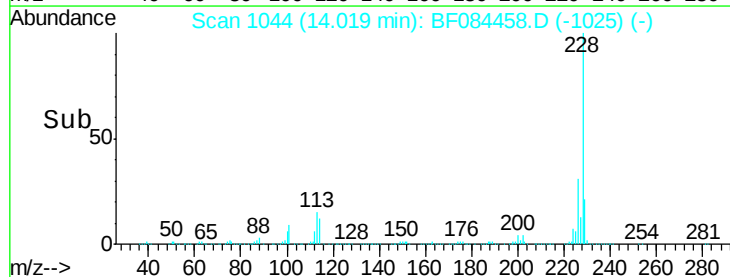
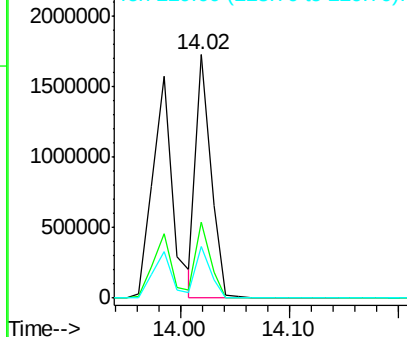


#82
 Chrysene
 Concen: 38.08 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.08 min
 Lab File: BF084458.D
 Acq: 13 Jan 2016 23:00

Tgt Ion:228 Resp: 1667371
 Ion Ratio Lower Upper
 228 100
 226 31.2 24.3 36.5
 229 21.0 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

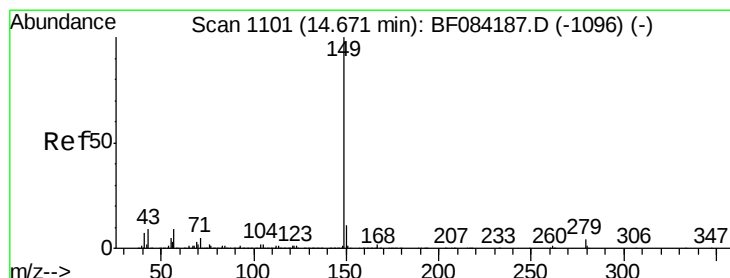
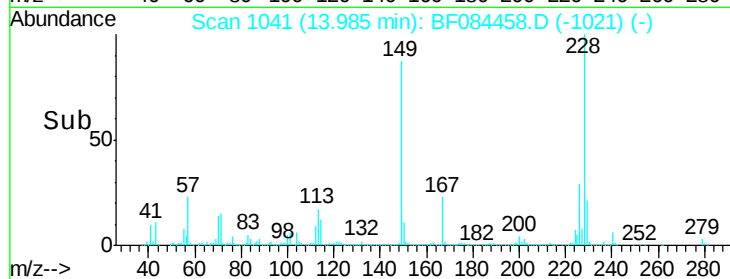
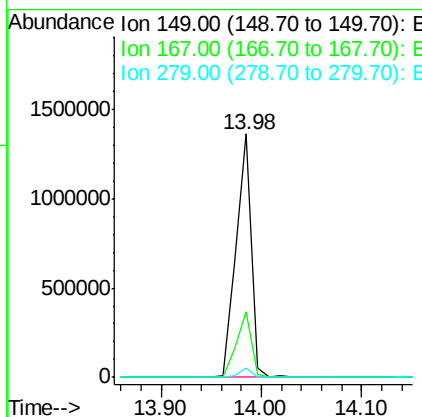
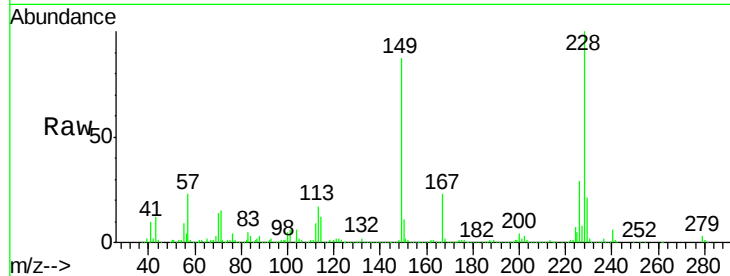




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.91 ng
 RT: 13.98 min Scan# 1041
 Delta R.T. -0.07 min
 Lab File: BF084458.D
 Acq: 13 Jan 2016 23:00

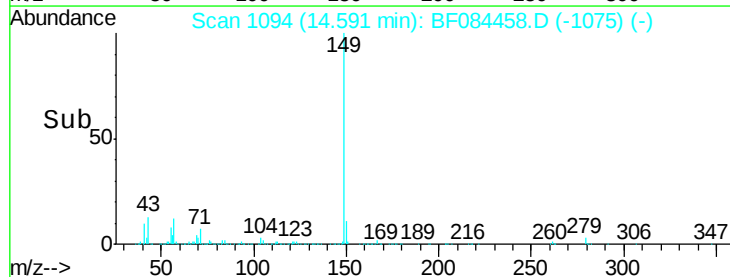
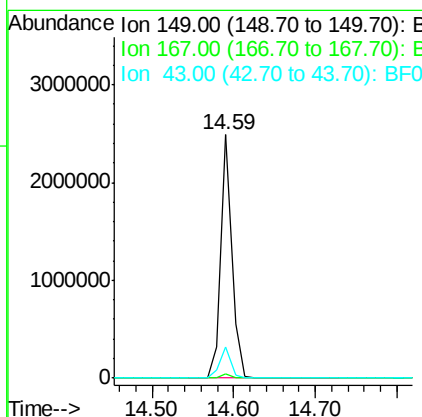
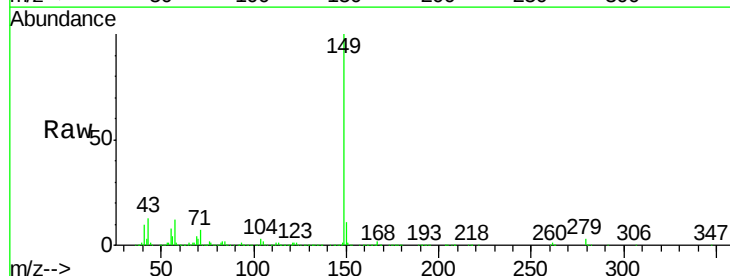
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-15-010516MS

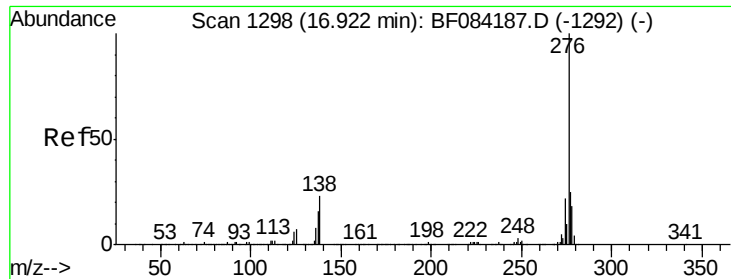
Tot Ion:149 Resp: 1428592
 Ion Ratio Lower Upper
 149 100
 167 26.8 19.7 29.5
 279 3.7 1.8 2.6#



#84
 Di-n-octyl phthalate
 Concen: 41.53 ng
 RT: 14.59 min Scan# 1094
 Delta R.T. -0.08 min
 Lab File: BF084458.D
 Acq: 13 Jan 2016 23:00

Tgt Ion:149 Resp: 2333967
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 12.5 5.6 8.4#

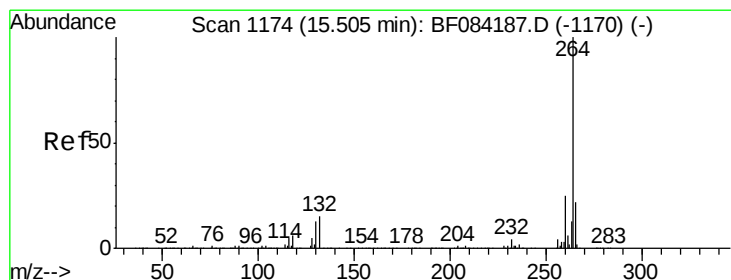
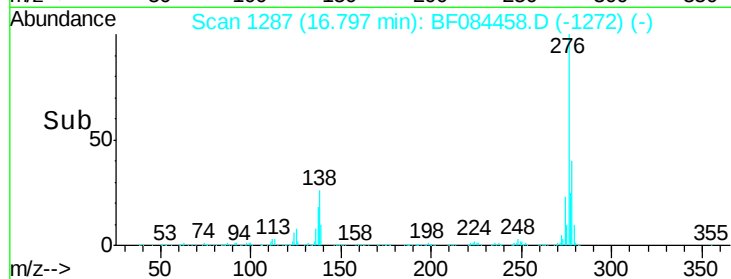
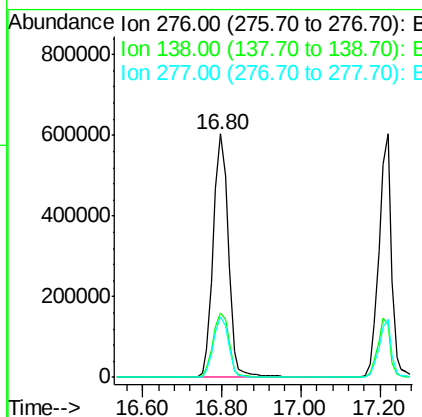
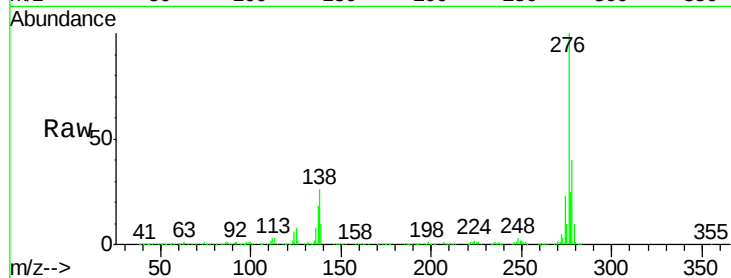




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.85 ng
 RT: 16.80 min Scan# 1287
 Delta R.T. -0.13 min
 Lab File: BF084458.D
 Acq: 13 Jan 2016 23:00

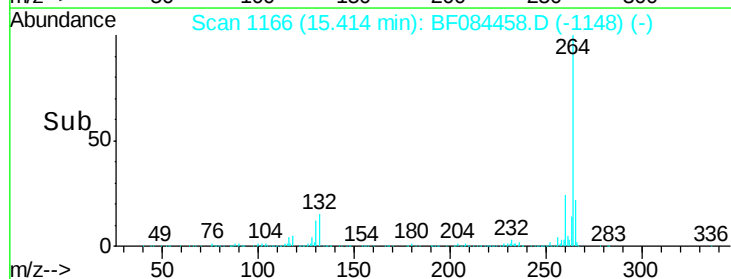
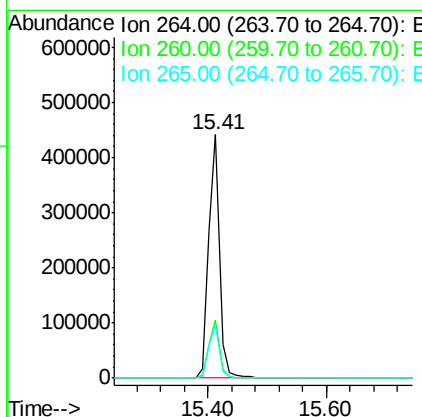
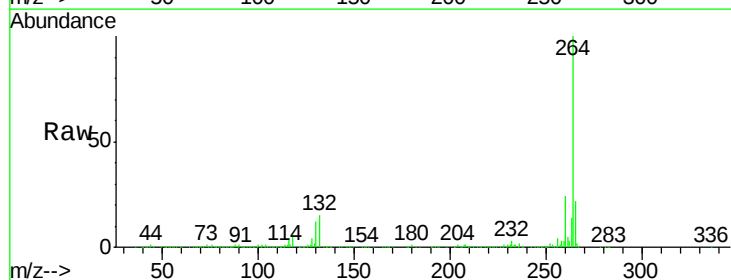
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-15-010516MS

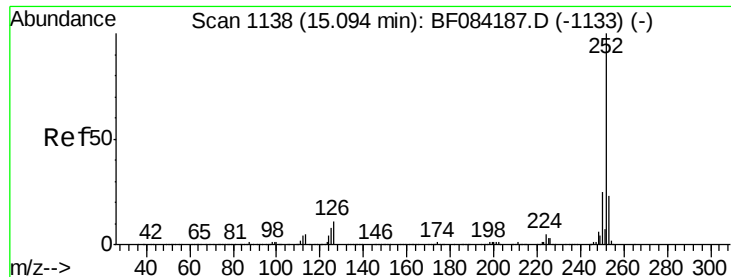
Tot Ion:276 Resp: 1591331
 Ion Ratio Lower Upper
 276 100
 138 27.9 20.6 30.8
 277 25.0 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.09 min
 Lab File: BF084458.D
 Acq: 13 Jan 2016 23:00

Tgt Ion:264 Resp: 557799
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 21.7 17.8 26.6





#87

Benzo(b)fluoranthene

Concen: 91.48 ng

RT: 15.04 min Scan# 1133

Delta R.T. -0.06 min

Lab File: BF084458.D

Acq: 13 Jan 2016 23:00

Instrument :

BNA_F

ClientSampleId :

HSR-WC-15-010516MS

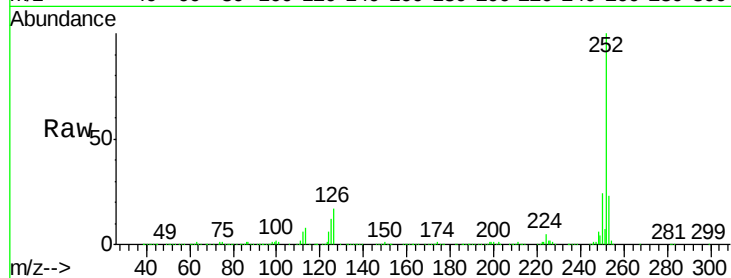
Tot Ion:252 Resp: 3338045

Ion Ratio Lower Upper

252 100

253 22.9 17.3 25.9

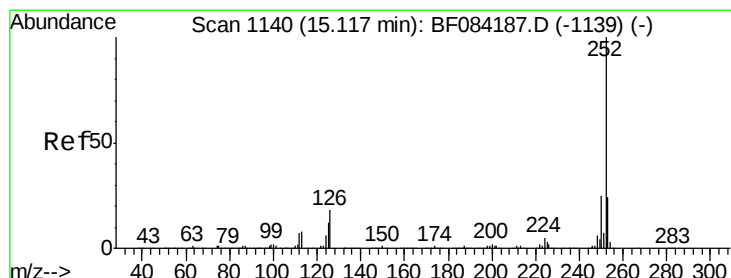
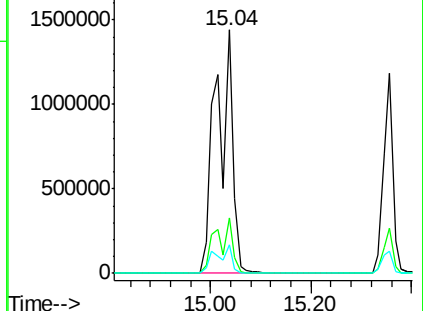
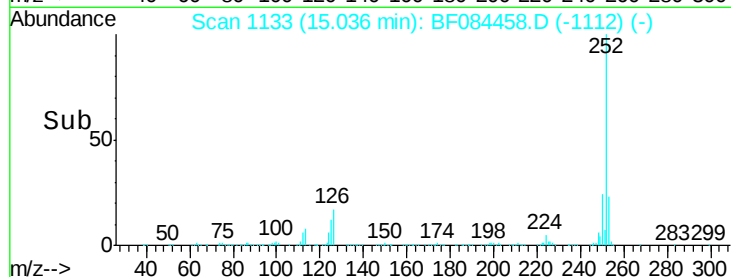
125 11.8 6.5 9.7#



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: 111.88 ng

RT: 15.04 min Scan# 1133

Delta R.T. -0.08 min

Lab File: BF084458.D

Acq: 13 Jan 2016 23:00

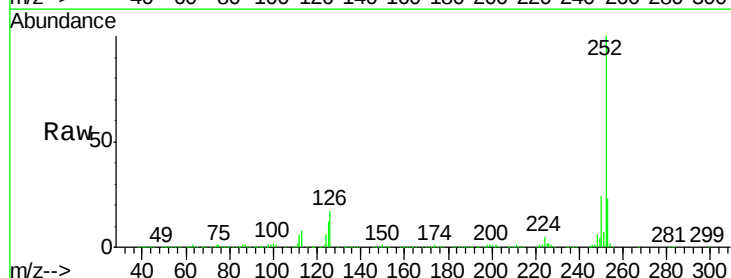
Tgt Ion:252 Resp: 3338621

Ion Ratio Lower Upper

252 100

253 22.9 18.1 27.1

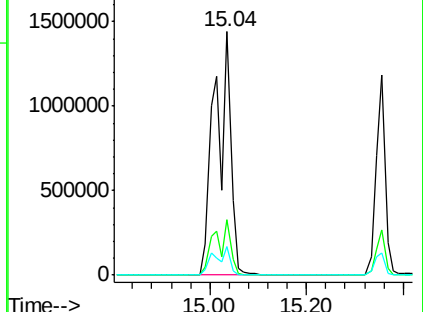
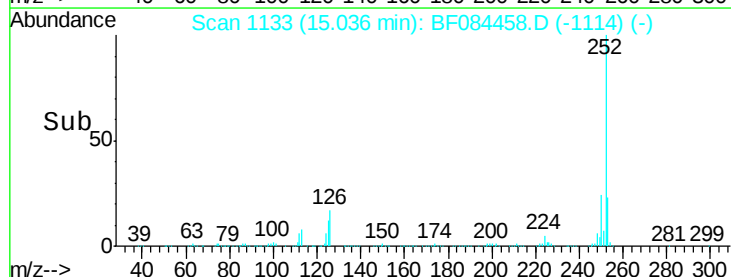
125 11.8 9.0 13.6

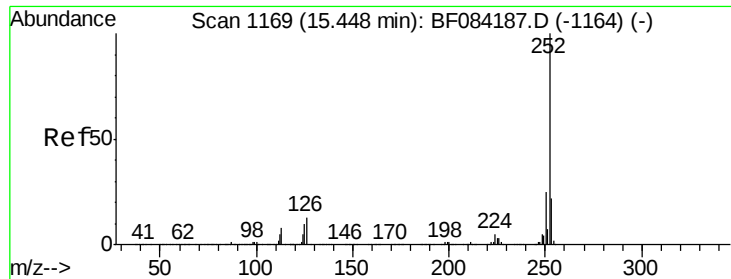


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

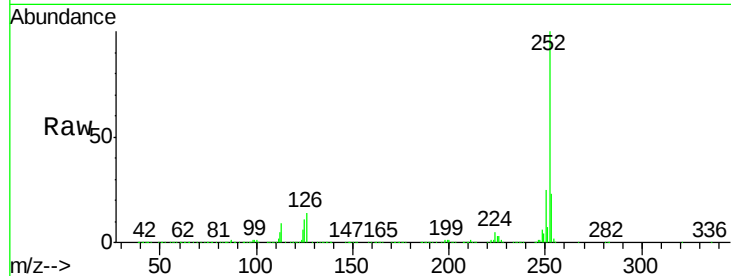




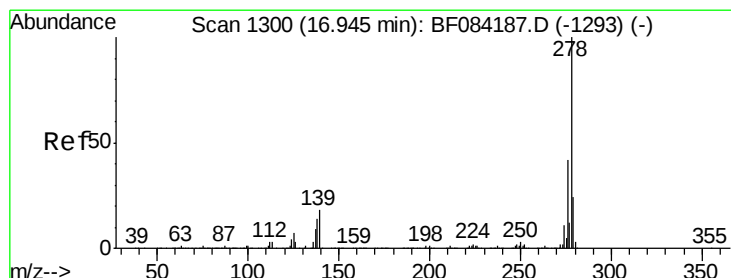
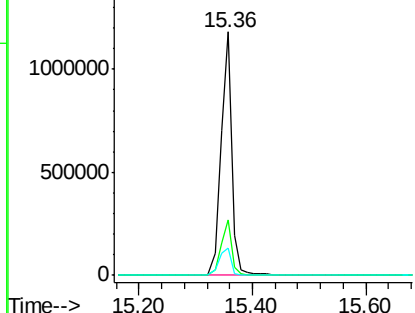
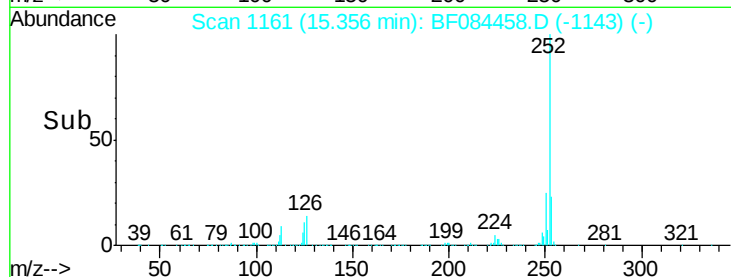
#89
Benzo(a)pyrene
Concen: 50.14 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.09 min
Lab File: BF084458.D
Acq: 13 Jan 2016 23:00

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

Tot Ion:252 Resp: 1551853
Ion Ratio Lower Upper
252 100
253 22.6 17.3 25.9
125 11.0 7.0 10.4#

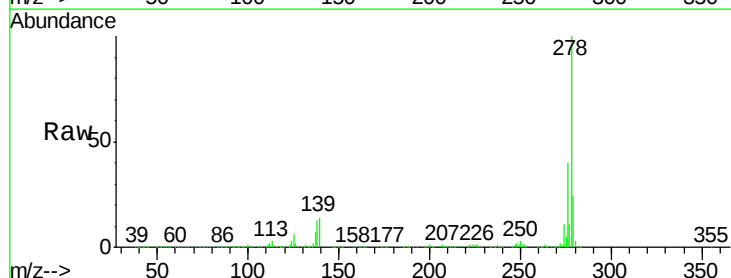


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

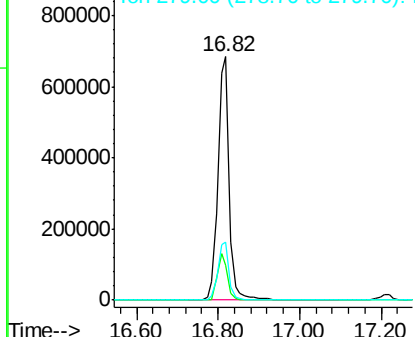
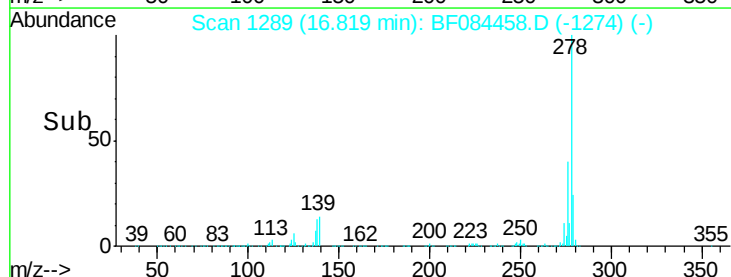


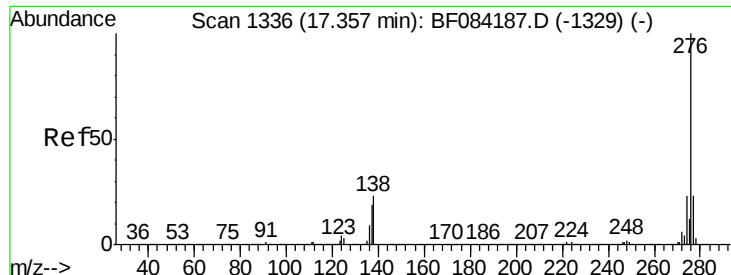
#90
Dibenzo(a,h)anthracene
Concen: 49.24 ng
RT: 16.82 min Scan# 1289
Delta R.T. -0.13 min
Lab File: BF084458.D
Acq: 13 Jan 2016 23:00

Tgt Ion:278 Resp: 1311247
Ion Ratio Lower Upper
278 100
139 14.5 15.0 22.4#
279 23.9 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

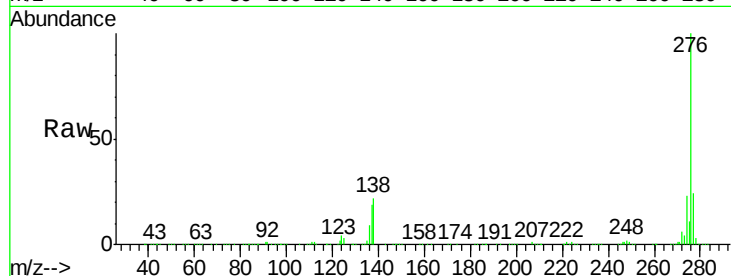




#91
 Benzo(a,h,i)perylene
 Concen: 49.12 ng
 RT: 17.22 min Scan# 1324
 Delta R.T. -0.14 min
 Lab File: BF084458.D
 Acq: 13 Jan 2016 23:00

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

Tot Ion:276 Resp: 1354578
 Ion Ratio Lower Upper
 276 100
 277 23.7 18.8 28.2
 138 21.8 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

