

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061416\
 Data File : BF088034.D
 Acq On : 15 Jun 2016 8:42
 Operator : UM/SJ
 Sample : H3446-01MS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-50-060616MS

Quant Time: Jun 15 12:54:15 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 14:10:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	113773	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	441688	20.00	ng	-0.01
38) Acenaphthene-d10	9.83	164	204161	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	309105	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	261887	20.00	ng	-0.01
86) Perylene-d12	15.35	264	206368	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	663346	99.67	ng	0.01
7) Phenol-d6	6.43	99	786855	97.56	ng	0.00
23) Nitrobenzene-d5	7.36	82	601139	79.47	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	177250	82.22	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	985087	75.16	ng	-0.01
78) Terphenyl-d14	12.89	244	732690	63.66	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.47	88	87637	27.10	ng	# 87
3) Pyridine	3.15	79	158206	20.72	ng	93
4) n-Nitrosodimethylamine	3.07	42	110004	34.02	ng	83
6) Aniline	6.44	93	198920	17.33	ng	# 1
8) 2-Chlorophenol	6.57	128	300642	38.17	ng	95
10) Phenol	6.44	94	322292	38.33	ng	82
11) bis(2-Chloroethyl)ether	6.52	93	293019	41.43	ng	90
12) 1,3-Dichlorobenzene	6.72	146	286628	33.91	ng	98
13) 1,4-Dichlorobenzene	6.80	146	290480	34.12	ng	98
14) 1,2-Dichlorobenzene	6.96	146	286844	37.05	ng	99
15) Benzyl Alcohol	6.94	79	238709	37.83	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	374323	39.18	ng	90
17) 2-Methylphenol	7.05	107	237840	37.23	ng	98
18) Hexachloroethane	7.29	117	96567	31.96	ng	# 80
19) n-Nitroso-di-n-propylamine	7.21	70	208645	40.44	ng	# 86
20) 3+4-Methylphenols	7.21	107	295524	39.65	ng	# 80
22) Acetophenone	7.20	105	391081	39.62	ng	# 95
24) Nitrobenzene	7.37	77	294687	40.22	ng	92
25) Isophorone	7.61	82	571377	40.78	ng	99
26) 2-Nitrophenol	7.69	139	169906	43.29	ng	# 81
27) 2,4-Dimethylphenol	7.74	122	301973	41.79	ng	97
28) bis(2-Chloroethoxy)methane	7.83	93	380102	43.74	ng	98
29) 2,4-Dichlorophenol	7.93	162	247711	41.06	ng	98
30) 1,2,4-Trichlorobenzene	8.01	180	247339	37.65	ng	99
31) Naphthalene	8.09	128	853173	39.03	ng	100
32) Benzoic acid	7.87	122	169567	42.61	ng	93
33) 4-Chloroaniline	8.15	127	95090	9.74	ng	# 94
34) Hexachlorobutadiene	8.22	225	138325	39.92	ng	99
35) Caprolactam	8.52	113	72400	36.23	ng	# 82
36) 4-Chloro-3-methylphenol	8.64	107	250548	38.83	ng	99
37) 2-Methylnaphthalene	8.79	142	597277	41.46	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	236764	44.33	ng	# 1
40) Hexachlorocyclopentadiene	8.94	237	41393	12.57	ng	99
42) 2,4,6-Trichlorophenol	9.07	196	179695	44.01	ng	99

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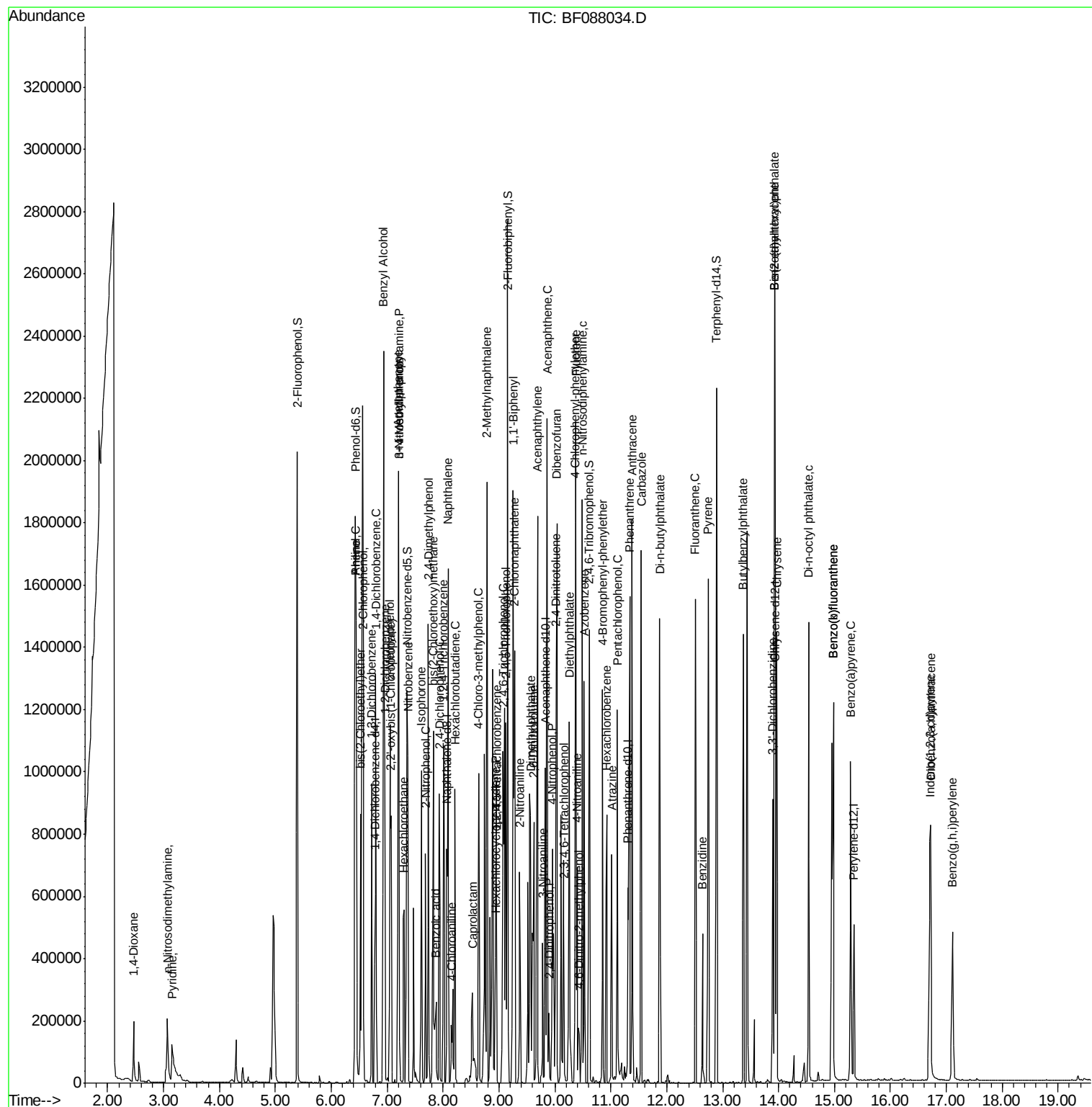
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.12	196	173084	40.75	ng	97
45) 1,1'-Biphenyl	9.26	154	726749	47.81	ng	96
46) 2-Chloronaphthalene	9.28	162	557904	42.23	ng	95
47) 2-Nitroaniline	9.37	65	144998	37.20	ng	91
48) Acenaphthylene	9.69	152	823988	39.21	ng	100
49) Dimethylphthalate	9.56	163	686469	46.42	ng	98
50) 2,6-Dinitrotoluene	9.62	165	159561	47.11	ng	99
51) Acenaphthene	9.86	154	514081	39.21	ng	98
52) 3-Nitroaniline	9.78	138	69771	17.85	ng	91
53) 2,4-Dinitrophenol	9.90	184	50865	33.33	ng	# 69
54) Dibenzofuran	10.03	168	714372	39.57	ng	92
55) 4-Nitrophenol	9.95	139	172308	56.80	ng	93
56) 2,4-Dinitrotoluene	10.02	165	172438	39.62	ng	# 73
57) Fluorene	10.38	166	536784	43.88	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	124557	37.31	ng	# 57
59) Diethylphthalate	10.26	149	665448	44.45	ng	96
60) 4-Chlorophenyl-phenylether	10.36	204	217435	36.22	ng	93
61) 4-Nitroaniline	10.40	138	131073	35.36	ng	98
62) Azobenzene	10.52	77	554889	37.48	ng	96
64) 4,6-Dinitro-2-methylphenol	10.43	198	39121	21.52	ng	# 56
65) n-Nitrosodiphenylamine	10.49	169	511837	49.90	ng	100
66) 4-Bromophenyl-phenylether	10.86	248	150093	45.26	ng	# 89
67) Hexachlorobenzene	10.92	284	159196	46.20	ng	# 79
68) Atrazine	11.02	200	80796	26.01	ng	92
69) Pentachlorophenol	11.12	266	159046	87.57	ng	98
70) Phenanthrene	11.34	178	764635	47.14	ng	99
71) Anthracene	11.38	178	673026	41.14	ng	99
72) Carbazole	11.54	167	712505	46.54	ng	99
73) Di-n-butylphthalate	11.87	149	843317	43.51	ng	100
74) Fluoranthene	12.51	202	660007	38.56	ng	97
76) Benzidine	12.64	184	171945	23.71	ng	98
77) Pyrene	12.74	202	668681	34.41	ng	99
79) Butylbenzylphthalate	13.37	149	367821	42.81	ng	96
80) Benzo(a)anthracene	13.93	228	589729	39.52	ng	100
81) 3,3'-Dichlorobenzidine	13.90	252	176742	44.04	ng	# 97
82) Chrysene	13.97	228	564369	40.20	ng	99
83) Bis(2-ethylhexyl)phthalate	13.93	149	429276	41.04	ng	100
84) Di-n-octyl phthalate	14.54	149	863494	50.81	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.71	276	469941	36.03	ng	# 100
87) Benzo(b)fluoranthene	14.98	252	1128347	78.45	ng	99
88) Benzo(k)fluoranthene	14.98	252	1128347	103.99	ng	# 95
89) Benzo(a)pyrene	15.29	252	498901	42.87	ng	98
90) Dibenzo(a,h)anthracene	16.72	278	397256	36.75	ng	99
91) Benzo(g,h,i)perylene	17.11	276	392436	35.30	ng	98

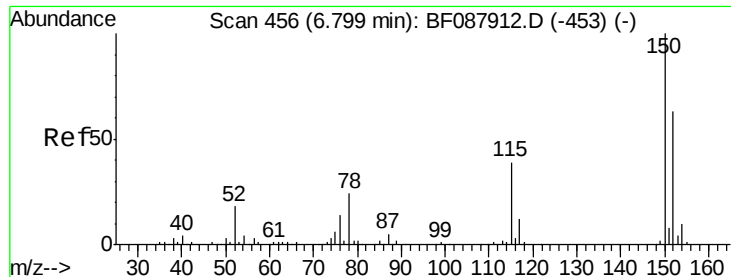
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.00 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

Instrument :

BNA_F

ClientSampleId :

HSR-WC-50-060616MS

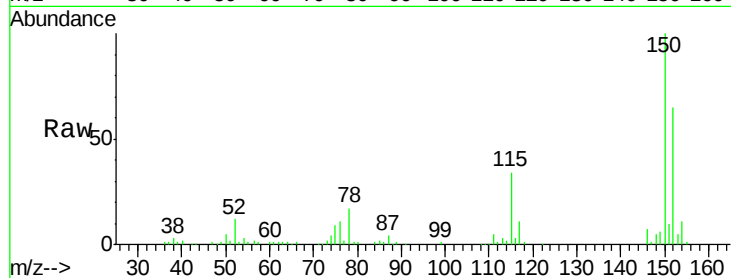
Tgt Ion:152 Resp: 113773

Ion Ratio Lower Upper

152 100

150 154.6 123.8 185.6

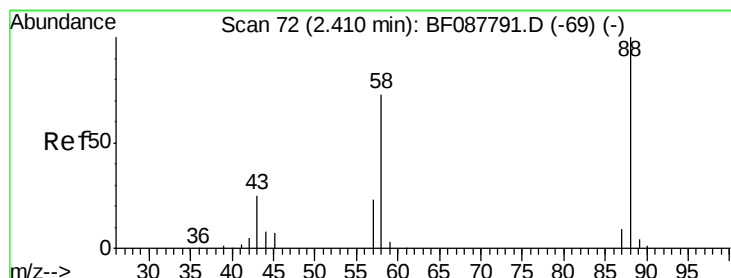
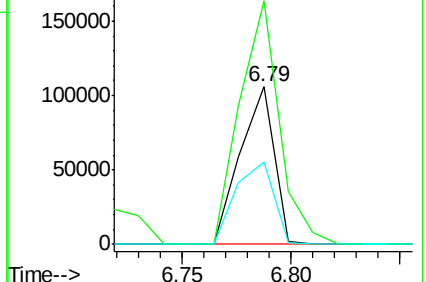
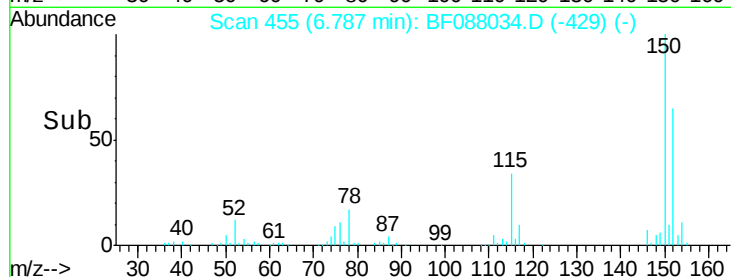
115 52.4 39.6 59.4



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: 27.10 ng

RT: 2.47 min Scan# 77

Delta R.T. 0.15 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

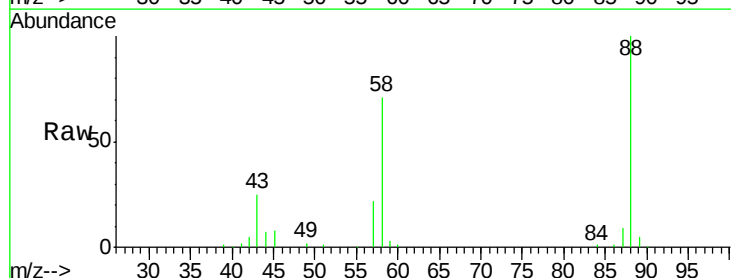
Tgt Ion: 88 Resp: 87637

Ion Ratio Lower Upper

88 100

58 74.6 0.0 0.0#

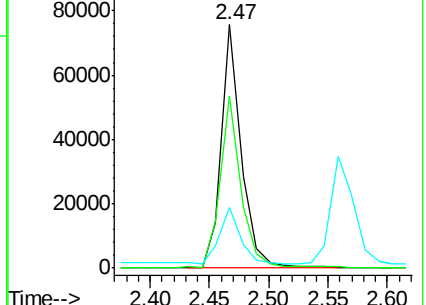
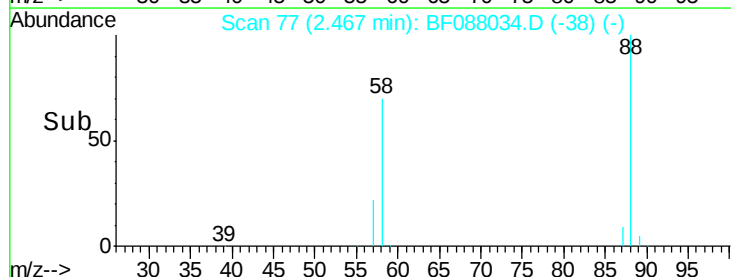
43 0.0 3.4 5.2#

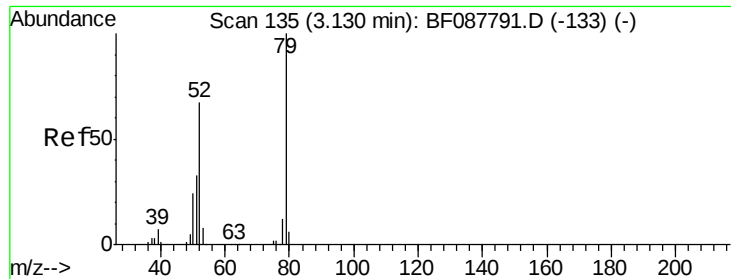


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

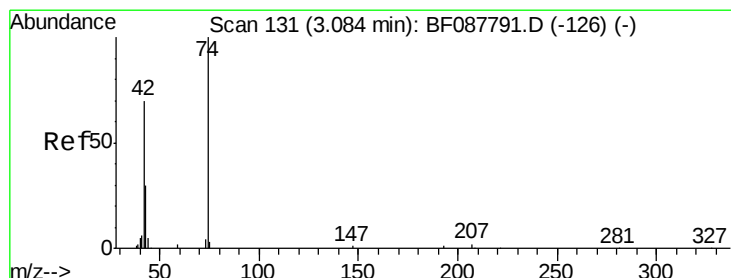
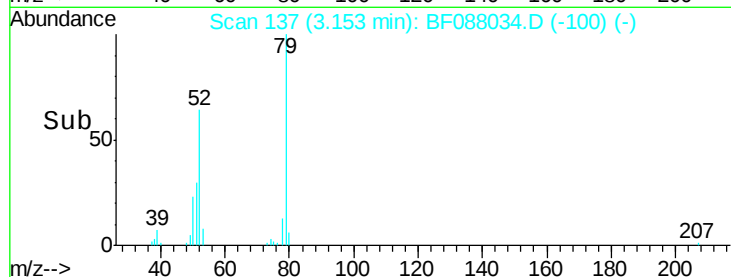
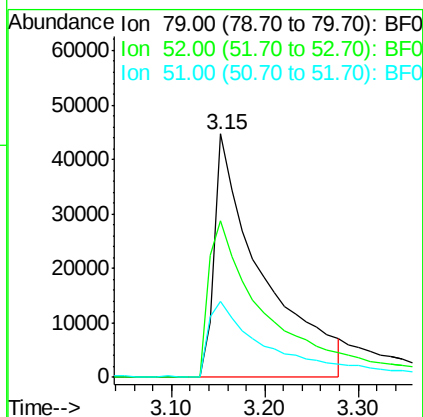
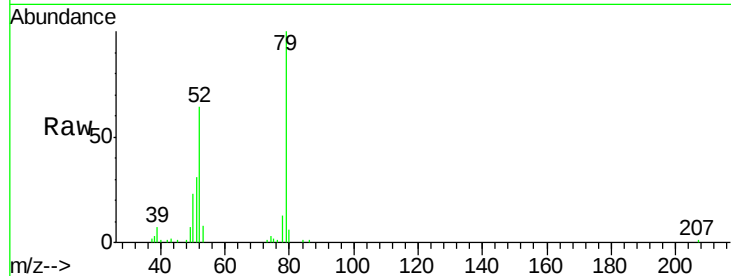




#3
 Pyridine
 Concen: 20.72 ng
 RT: 3.15 min Scan# 137
 Delta R.T. 0.13 min
 Lab File: BF088034.D
 Acq: 15 Jun 2016 8:42

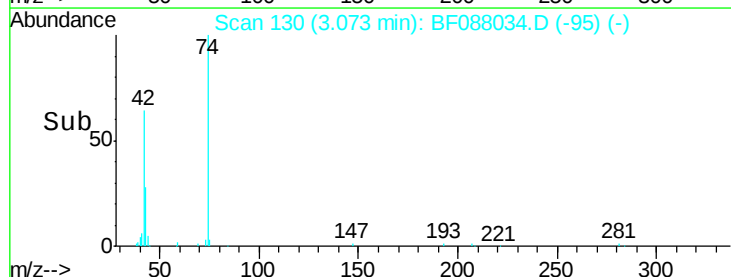
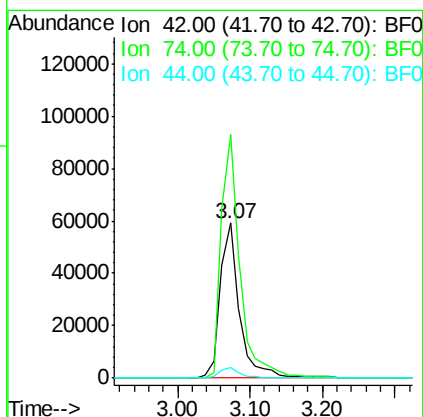
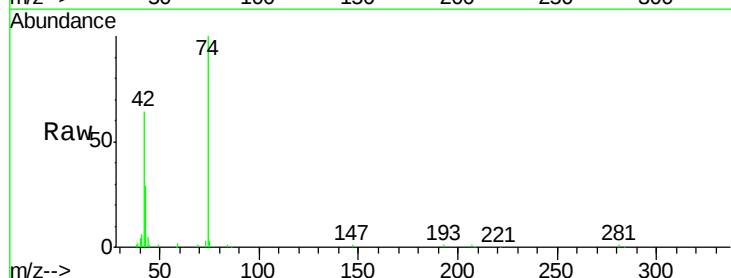
Instrument :
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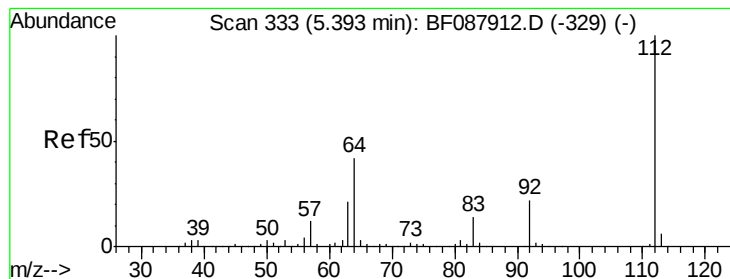
Tgt Ion: 79 Resp: 158206
 Ion Ratio Lower Upper
 79 100
 52 64.5 56.3 84.5
 51 31.1 27.4 41.2



#4
 n-Nitrosodimethylamine
 Concen: 34.02 ng
 RT: 3.07 min Scan# 130
 Delta R.T. 0.10 min
 Lab File: BF088034.D
 Acq: 15 Jun 2016 8:42

Tgt Ion: 42 Resp: 110004
 Ion Ratio Lower Upper
 42 100
 74 157.0 108.6 163.0
 44 7.1 5.5 8.3





#5

2-Fluorophenol

Concen: 99.67 ng

RT: 5.39 min Scan# 333

Delta R.T. 0.01 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

Instrument :

BNA_F

ClientSampleId :

HSR-WC-50-060616MS

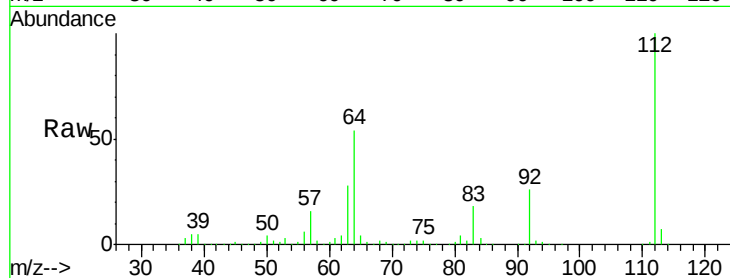
Tgt Ion: 112 Resp: 663346

Ion Ratio Lower Upper

112 100

64 54.1 42.2 63.2

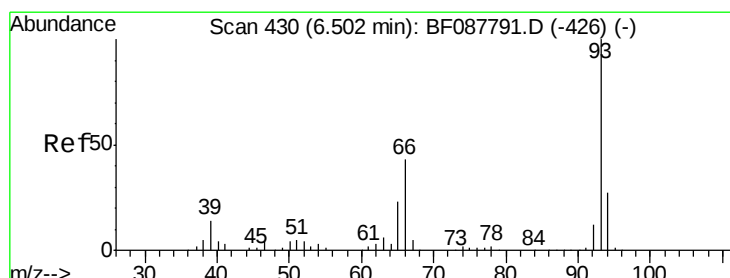
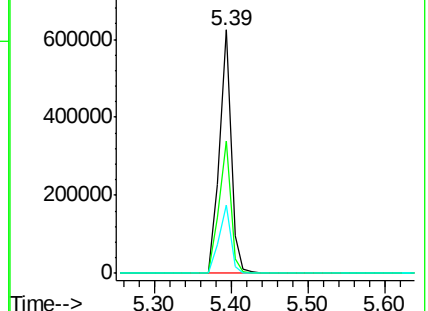
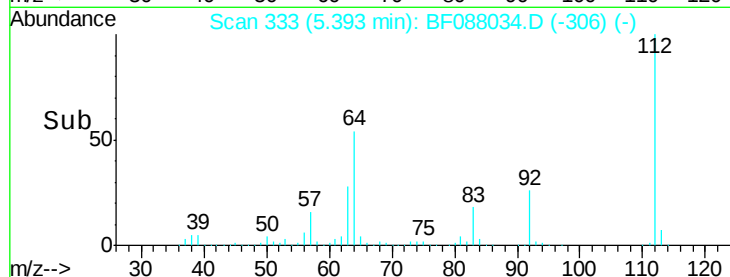
63 27.8 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 17.33 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.01 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

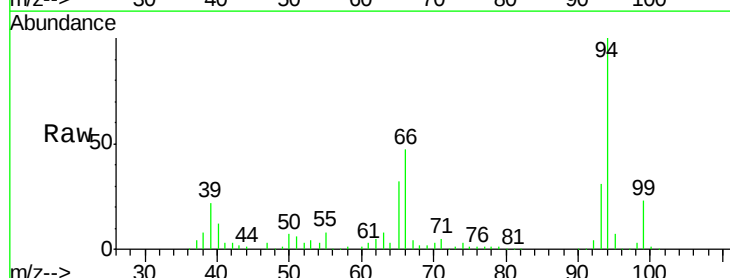
Tgt Ion: 93 Resp: 198920

Ion Ratio Lower Upper

93 100

66 148.4 29.8 44.8#

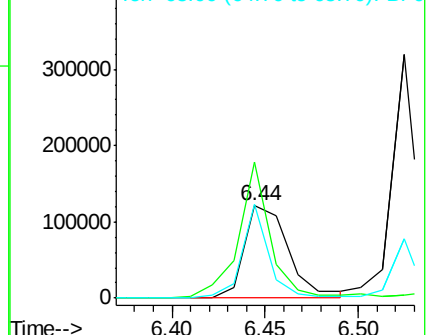
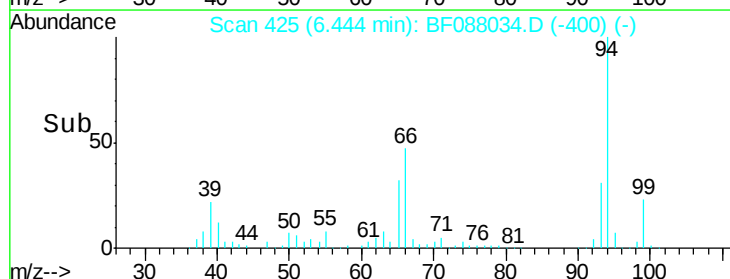
65 102.4 14.9 22.3#

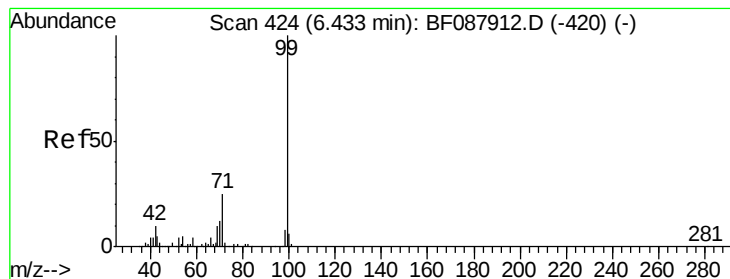


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 97.56 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF088034.D

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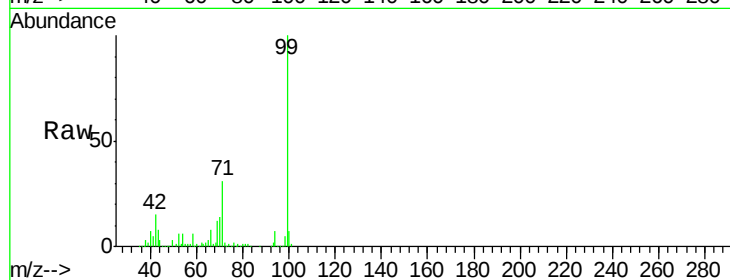
Tgt Ion: 99 Resp: 786855

Ion Ratio Lower Upper

99 100

42 14.9 12.2 18.2

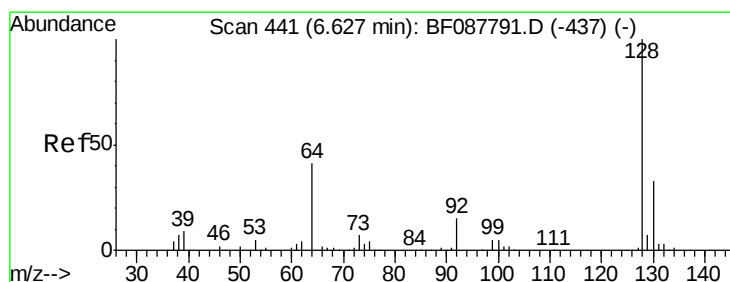
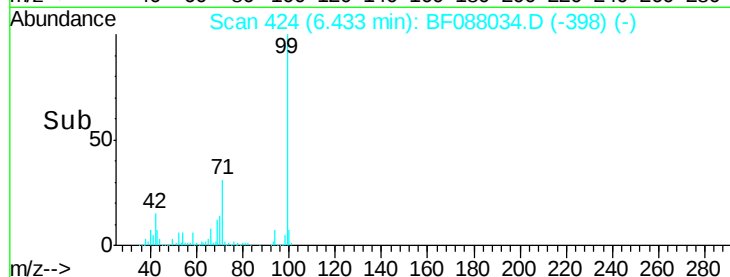
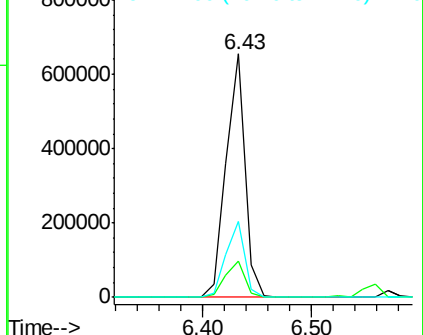
71 31.4 23.4 35.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.17 ng

RT: 6.57 min Scan# 436

Delta R.T. -0.01 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

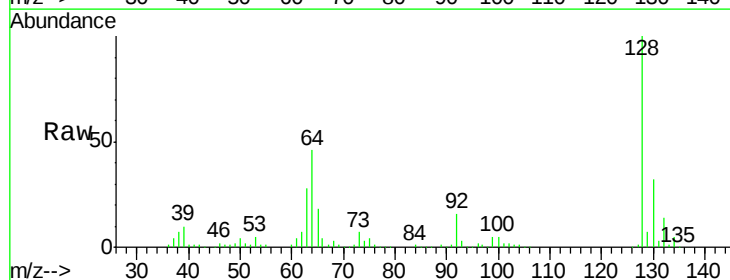
Tgt Ion: 128 Resp: 300642

Ion Ratio Lower Upper

128 100

130 31.9 12.0 52.0

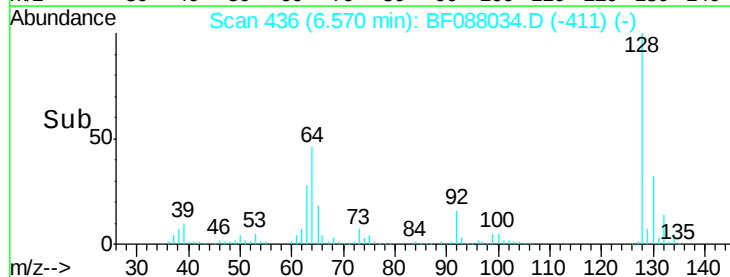
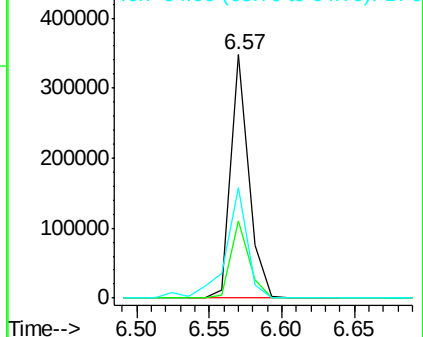
64 45.6 30.8 70.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

Concen: 38.33 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.00 min

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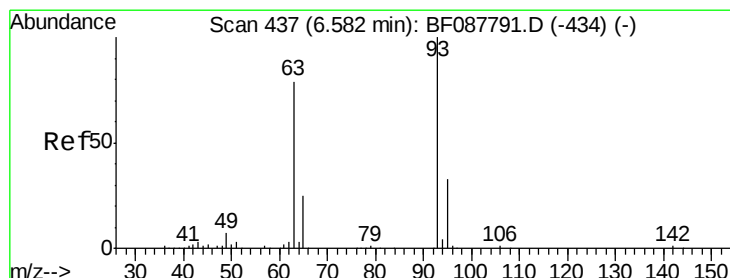
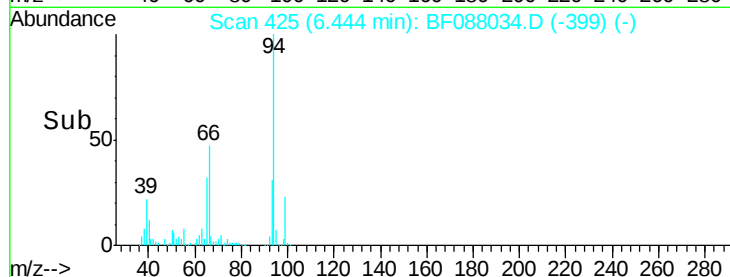
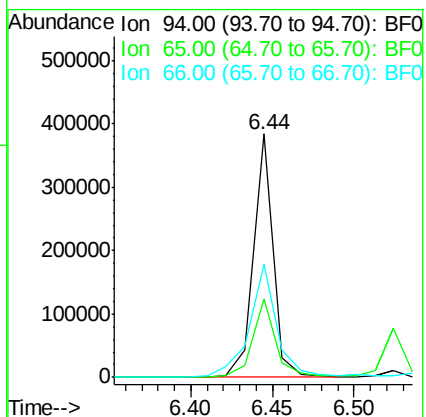
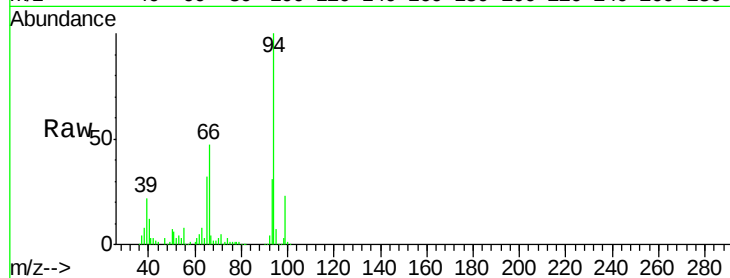
Tgt Ion: 94 Resp: 322292

Ion Ratio Lower Upper

94 100

65 32.1 5.9 45.9

66 46.6 14.0 54.0



#11

bis(2-Chloroethyl)ether

Concen: 41.43 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

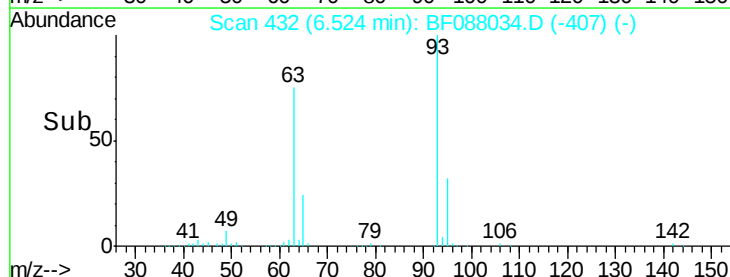
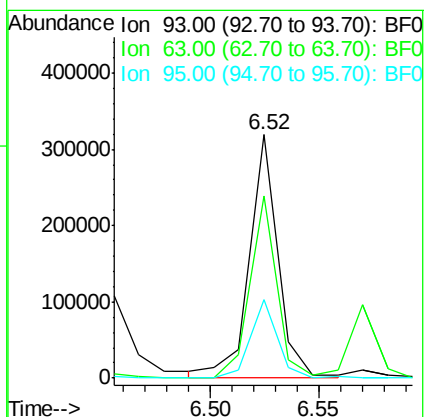
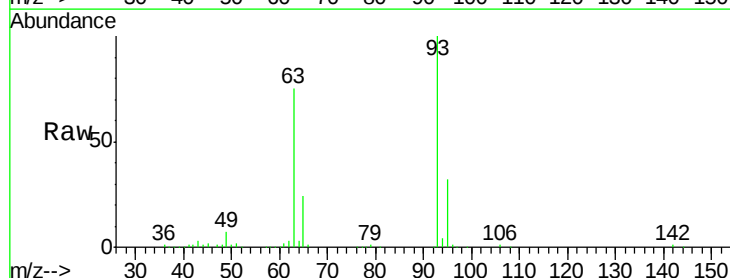
Tgt Ion: 93 Resp: 293019

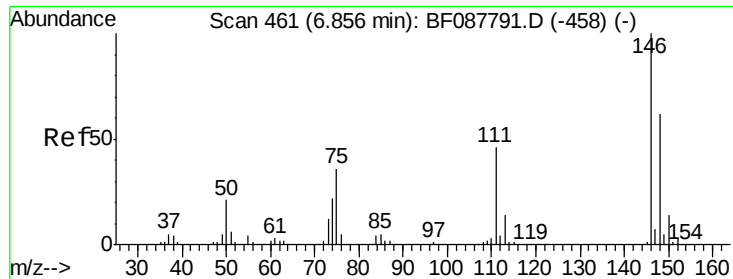
Ion Ratio Lower Upper

93 100

63 75.0 67.6 107.6

95 32.4 12.5 52.5

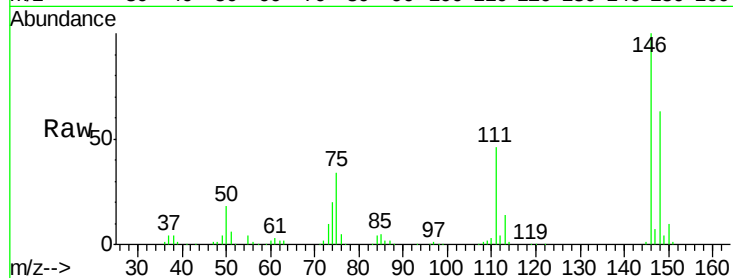




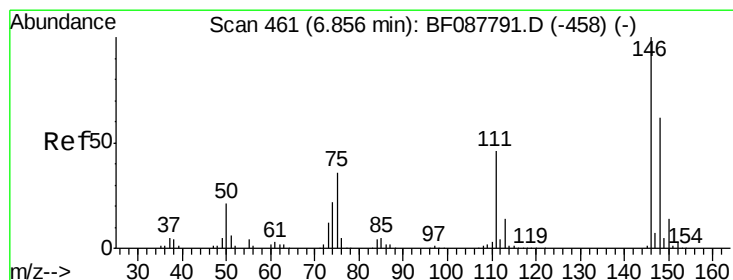
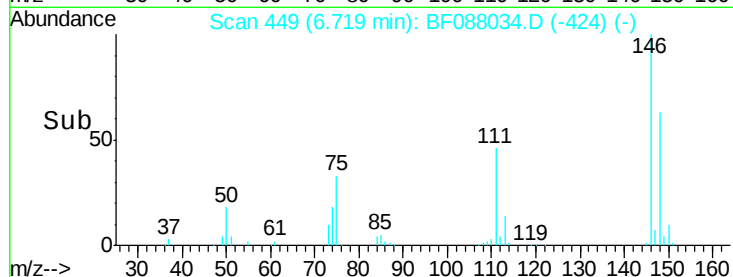
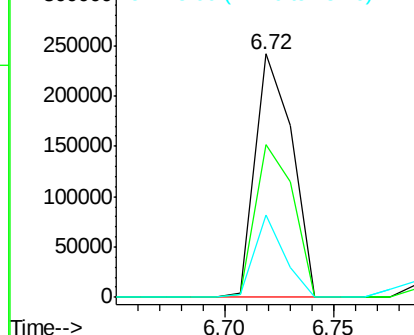
#12
 1,3-Dichlorobenzene
 Concen: 33.91 ng
 RT: 6.72 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF088034.D
 Acq: 15 Jun 2016 8:42

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-50-060616MS

Tgt Ion:146 Resp: 286628
 Ion Ratio Lower Upper
 146 100
 148 62.6 50.9 76.3
 75 33.7 25.6 38.4

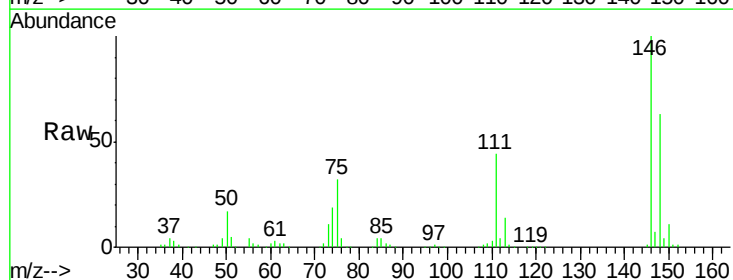


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

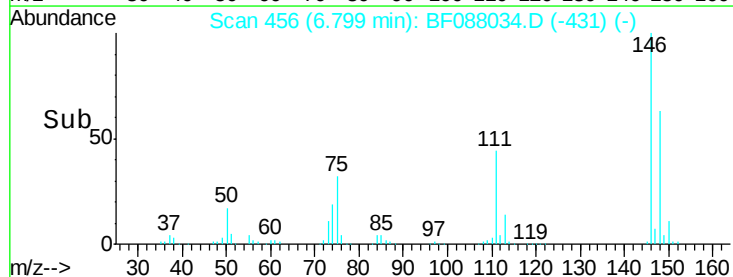
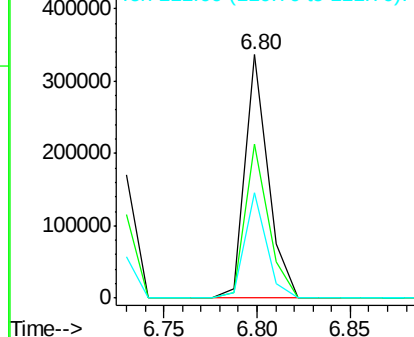


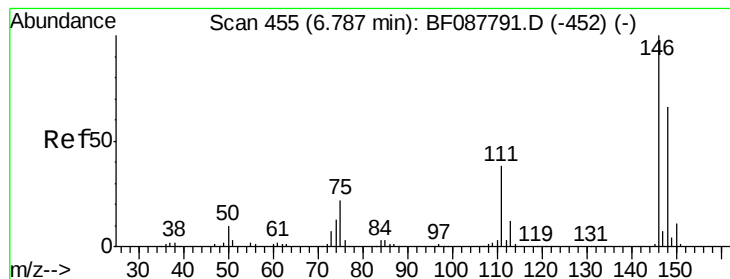
#13
 1,4-Dichlorobenzene
 Concen: 34.12 ng
 RT: 6.80 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF088034.D
 Acq: 15 Jun 2016 8:42

Tgt Ion:146 Resp: 290480
 Ion Ratio Lower Upper
 146 100
 148 63.0 52.0 78.0
 111 43.5 33.8 50.8



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: 37.05 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

Instrument :

BNA_F

ClientSampleId :

HSR-WC-50-060616MS

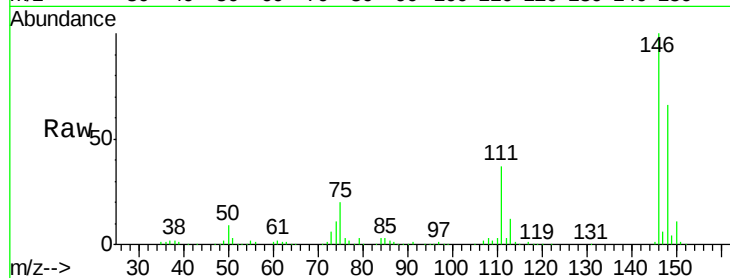
Tgt Ion: 146 Resp: 286844

Ion Ratio Lower Upper

146 100

148 65.5 52.3 78.5

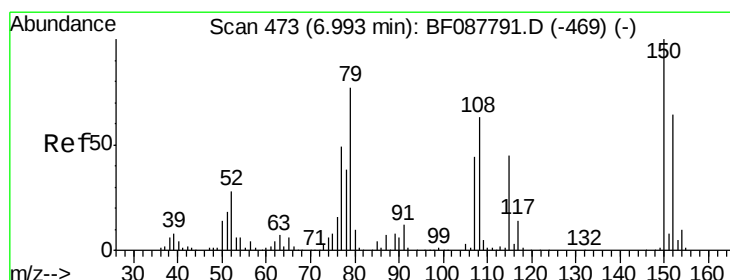
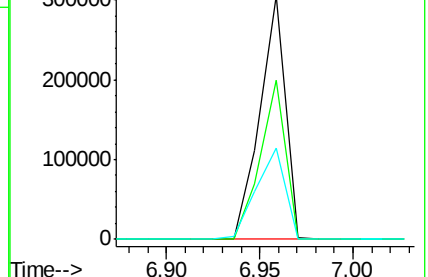
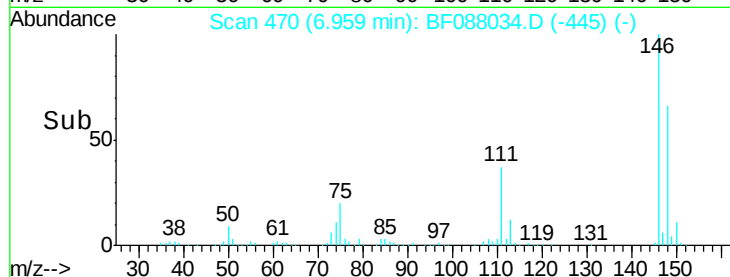
111 37.3 28.7 43.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 37.83 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.00 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

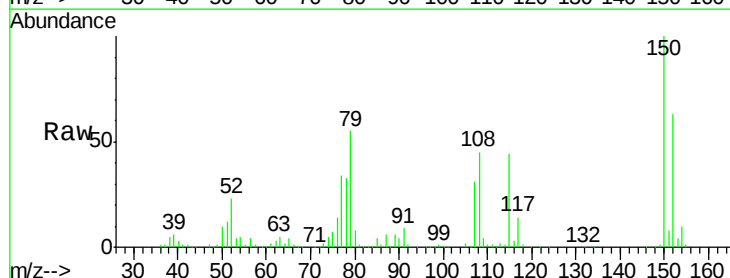
Tgt Ion: 79 Resp: 238709

Ion Ratio Lower Upper

79 100

108 82.6 65.0 97.6

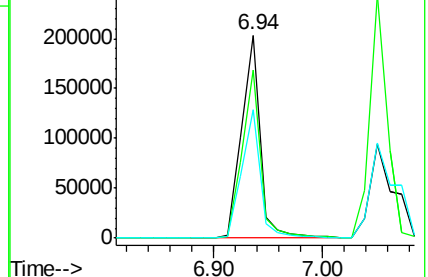
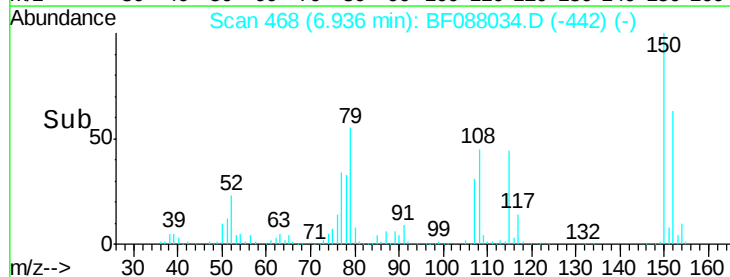
77 63.0 50.3 75.5



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

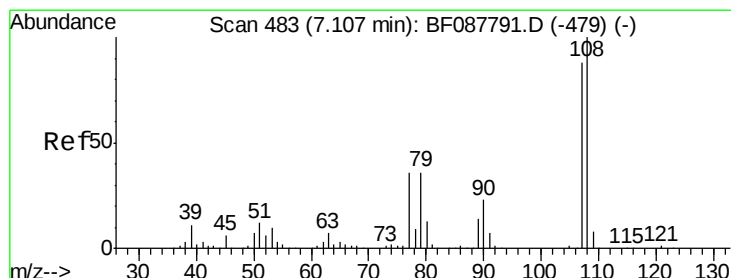
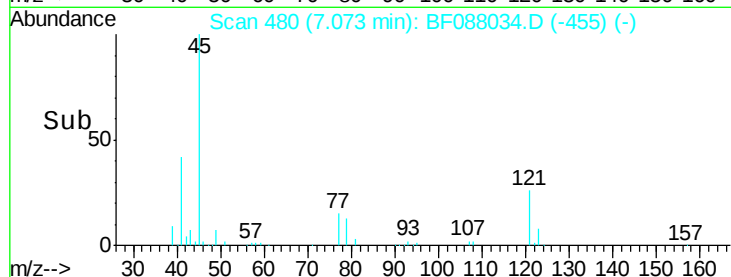
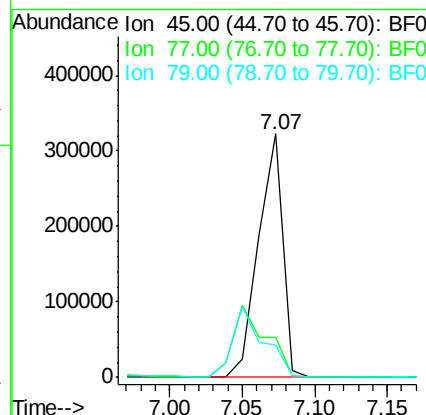
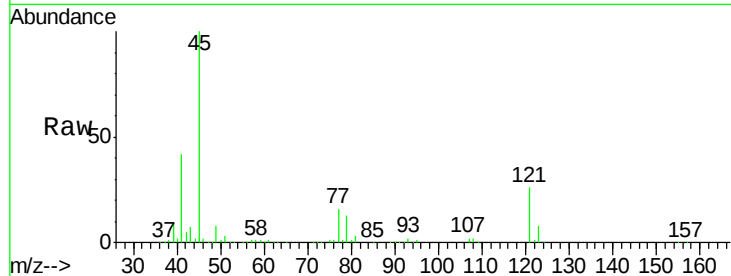




#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.18 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.01 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

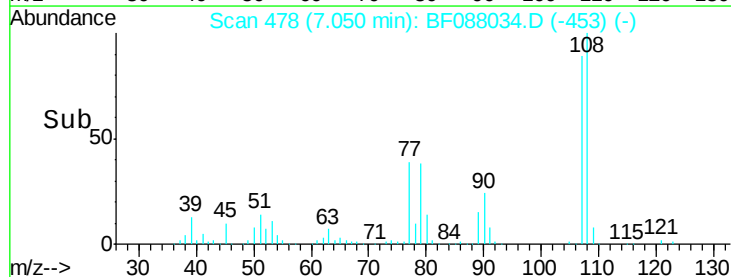
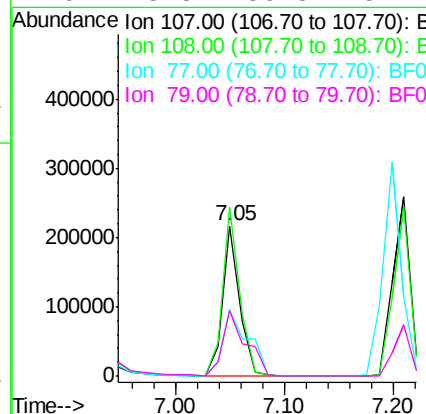
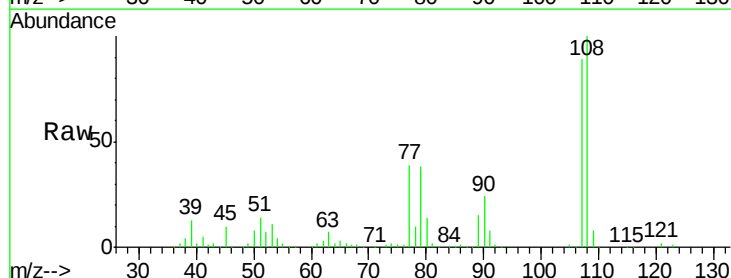
Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MS

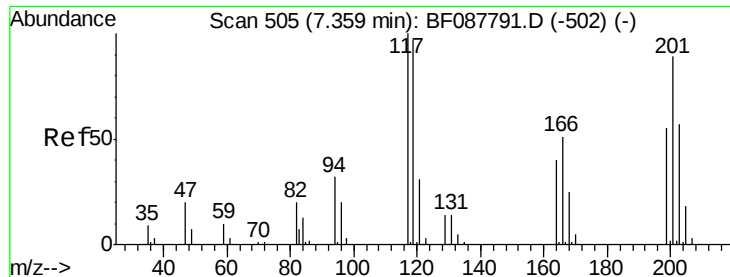
Tgt Ion: 45 Resp: 374323
Ion Ratio Lower Upper
45 100
77 16.4 0.0 32.5
79 13.5 0.0 29.5



#17
2-Methylphenol
Concen: 37.23 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Tgt Ion: 107 Resp: 237840
Ion Ratio Lower Upper
107 100
108 112.6 90.9 136.3
77 44.0 36.6 55.0
79 43.3 36.5 54.7

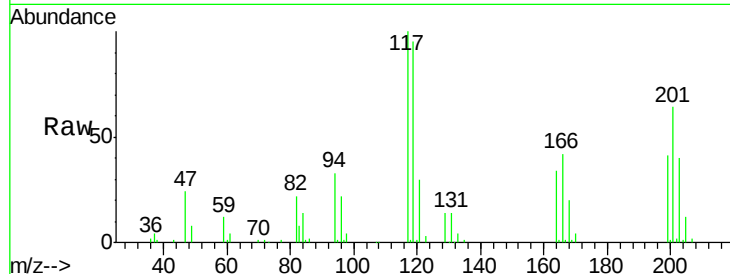




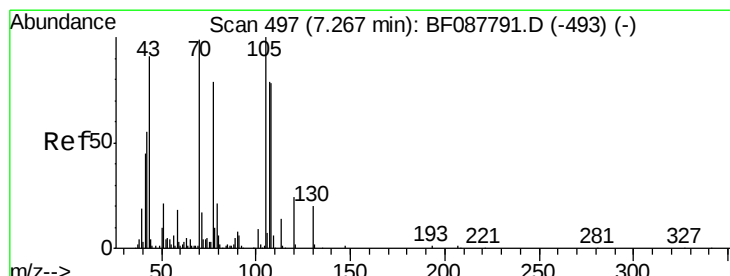
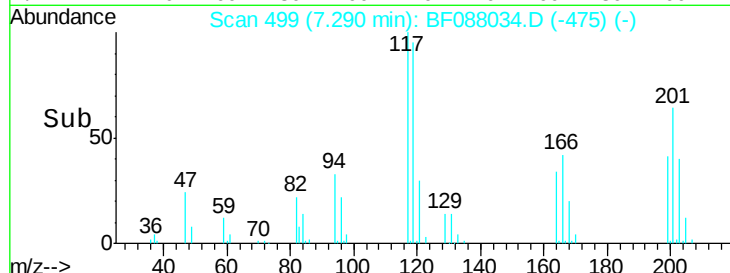
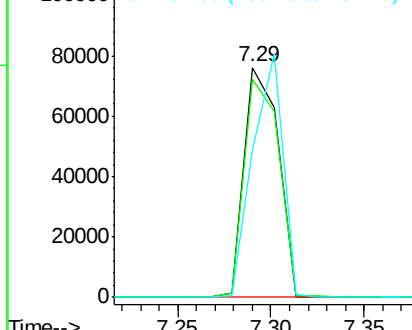
#18
Hexachloroethane
Concen: 31.96 ng
RT: 7.29 min Scan# 499
Delta R.T. -0.02 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MS

Tgt Ion: 117 Resp: 96567
Ion Ratio Lower Upper
117 100
119 94.9 77.4 116.2
201 63.9 80.4 120.6#



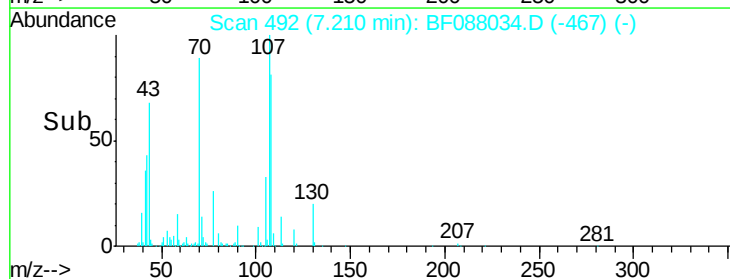
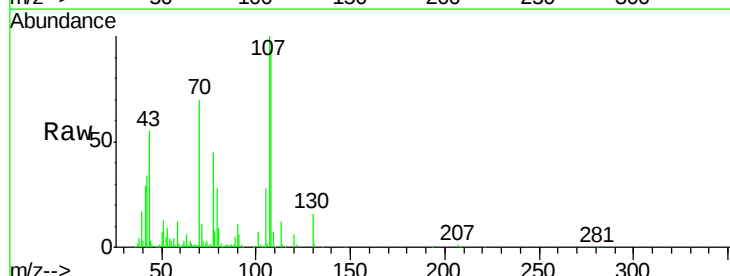
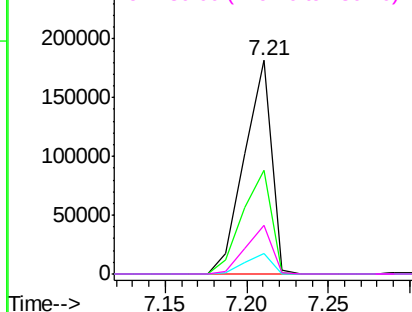
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

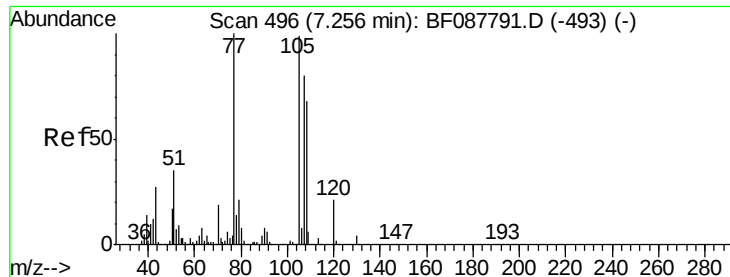


#19
n-Nitroso-di-n-propylamine
Concen: 40.44 ng
RT: 7.21 min Scan# 492
Delta R.T. -0.01 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Tgt Ion: 70 Resp: 208645
Ion Ratio Lower Upper
70 100
42 48.8 49.6 74.4#
101 9.8 7.1 10.7
130 22.8 15.4 23.2

Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

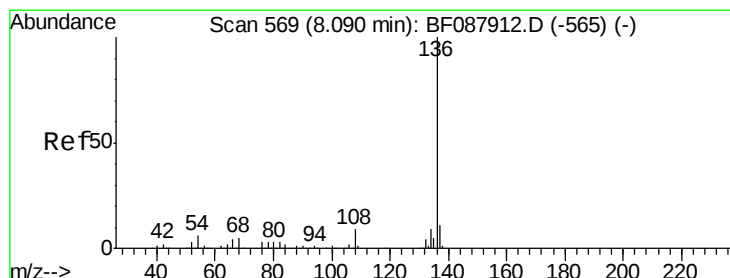
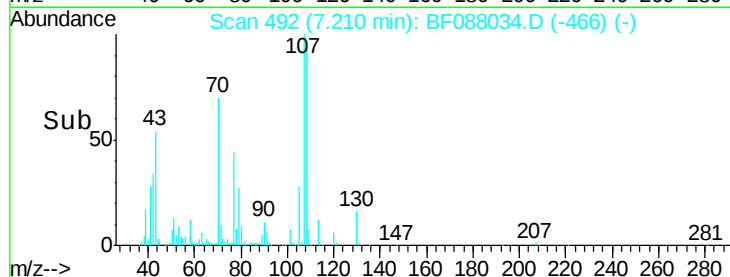
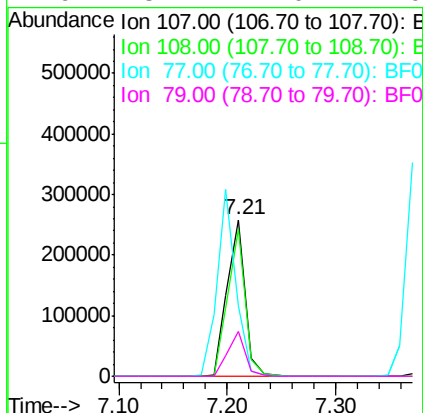
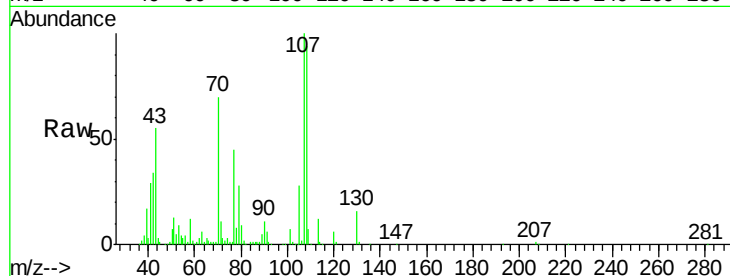




#20
3+4-Methylphenols
Concen: 39.65 ng
RT: 7.21 min Scan# 492
Delta R.T. -0.00 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

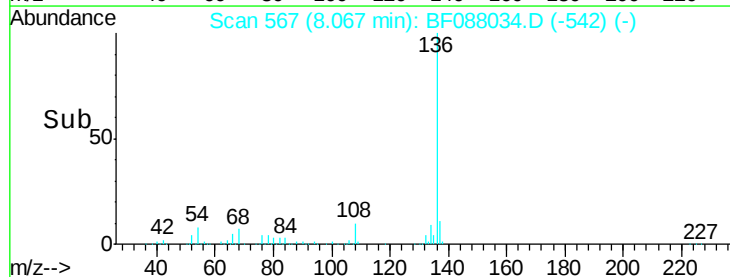
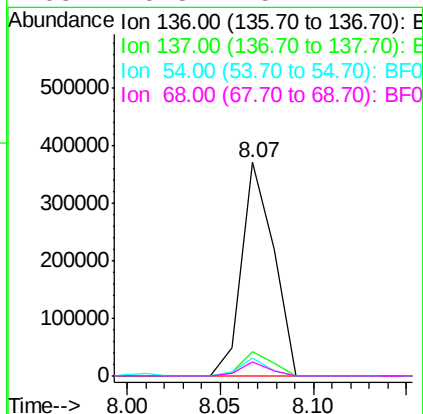
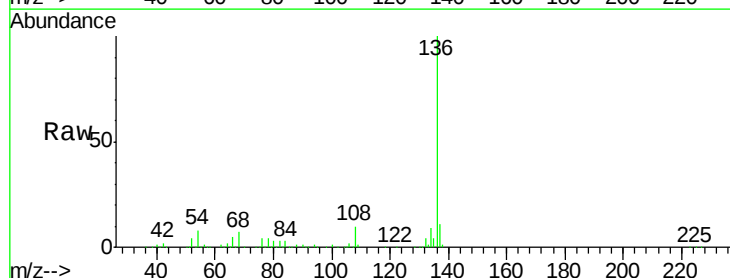
Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MS

Tgt Ion:107 Resp: 295524
Ion Ratio Lower Upper
107 100
108 94.4 67.8 107.8
77 44.7 59.3 99.3#
79 28.4 7.0 47.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 567
Delta R.T. -0.01 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Tgt Ion:136 Resp: 441688
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 8.4 6.6 10.0
68 6.8 5.1 7.7

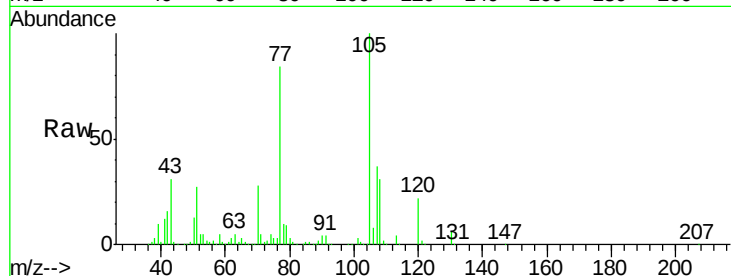




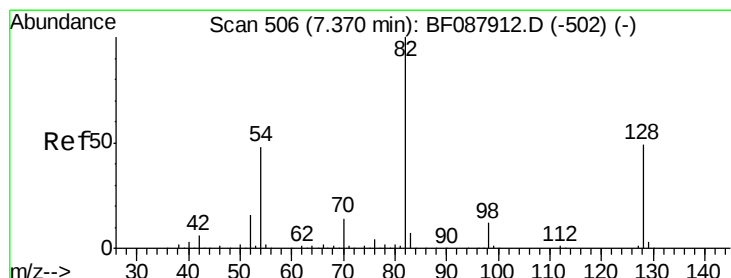
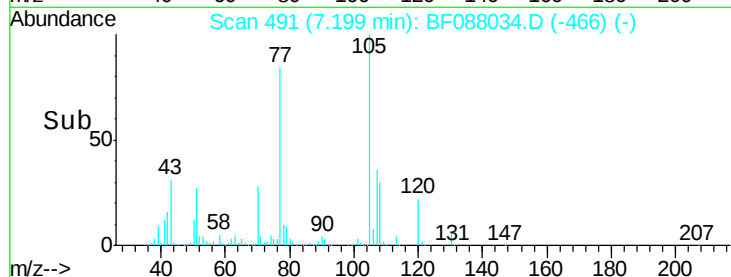
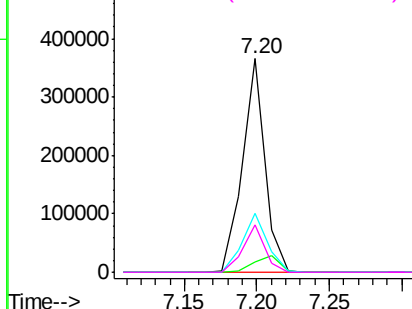
#22
Acetophenone
Concen: 39.62 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.01 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MS

Tgt Ion: 105 Resp: 391081
Ion Ratio Lower Upper
105 100
71 4.7 5.3 7.9#
51 27.3 18.2 27.4
120 22.3 18.0 27.0

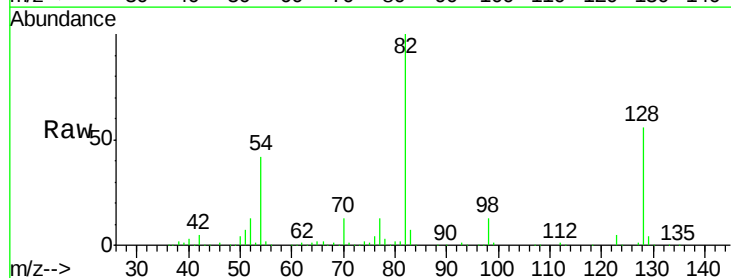


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

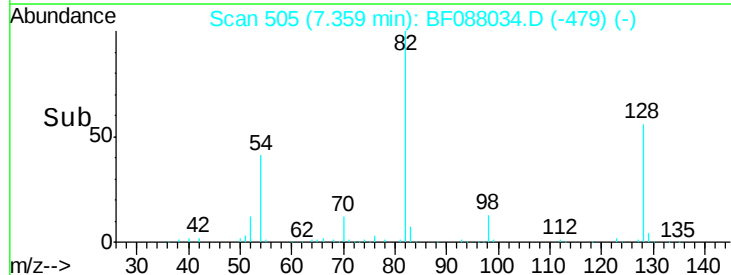
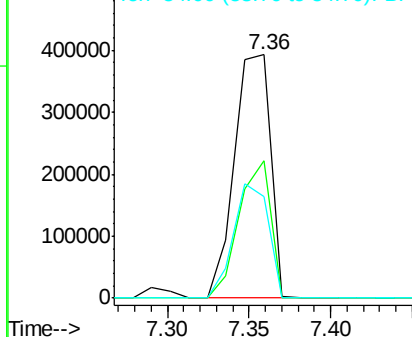


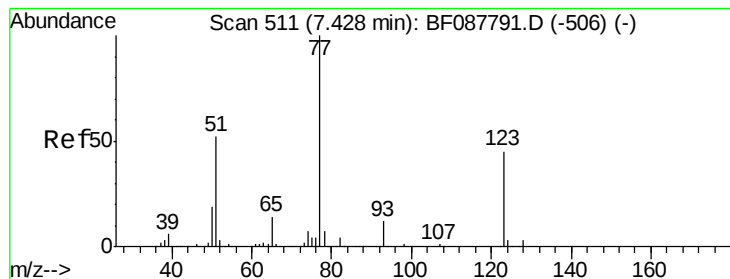
#23
Nitrobenzene-d5
Concen: 79.47 ng
RT: 7.36 min Scan# 505
Delta R.T. -0.00 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Tgt Ion: 82 Resp: 601139
Ion Ratio Lower Upper
82 100
128 56.4 35.9 53.9#
54 41.7 40.9 61.3



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





#24

Nitrobenzene

Concen: 40.22 ng

RT: 7.37 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

Instrument :

BNA_F

ClientSampleId :

HSR-WC-50-060616MS

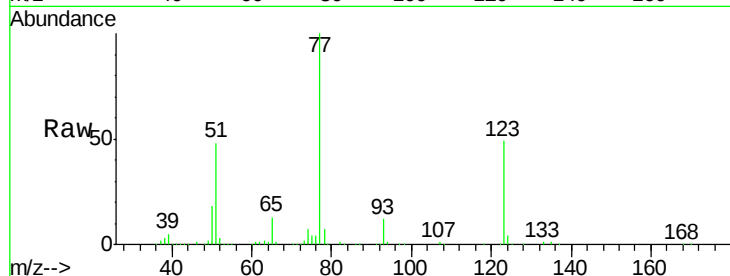
Tgt Ion: 77 Resp: 294687

Ion Ratio Lower Upper

77 100

123 49.0 45.0 67.4

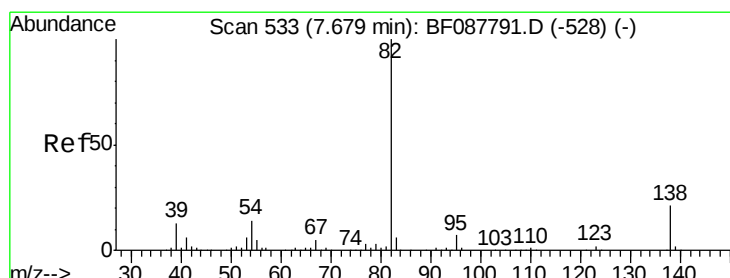
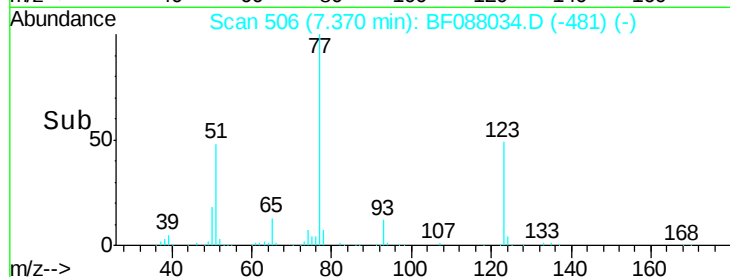
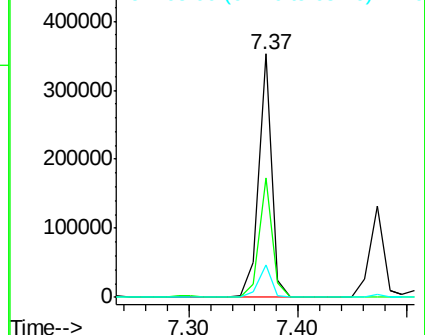
65 13.3 10.2 15.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 40.78 ng

RT: 7.61 min Scan# 527

Delta R.T. -0.01 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

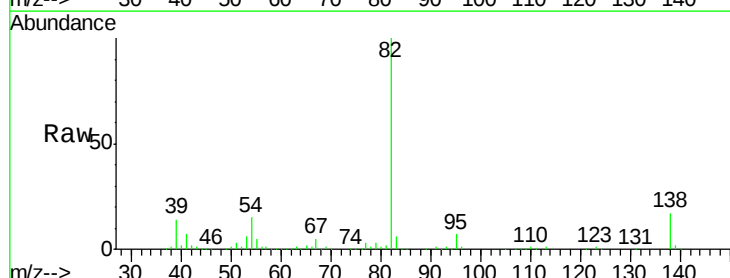
Tgt Ion: 82 Resp: 571377

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.2

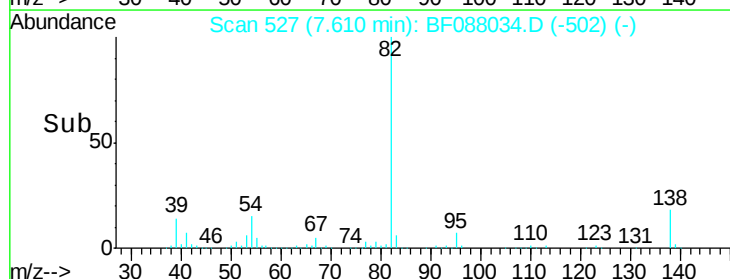
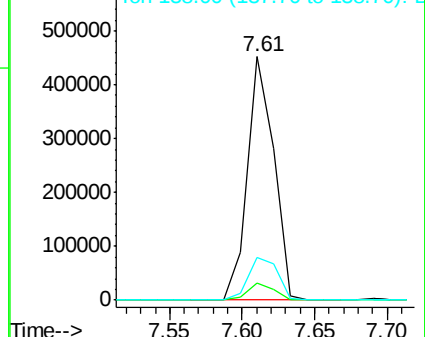
138 17.5 14.6 21.8

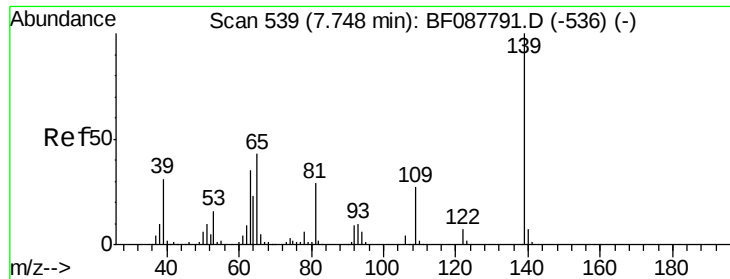


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

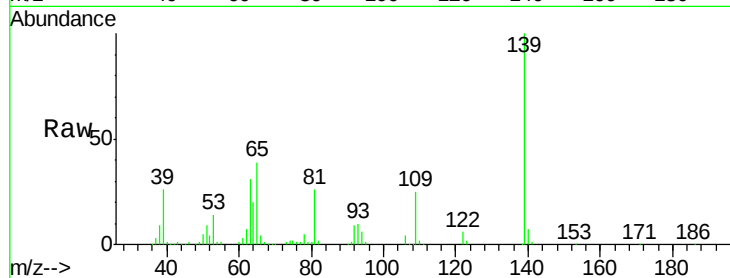




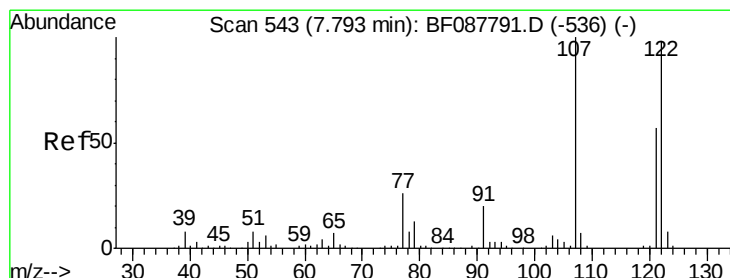
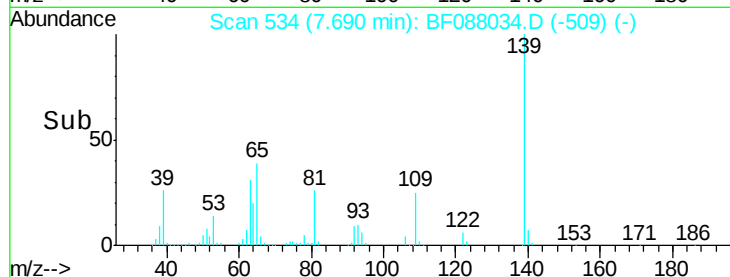
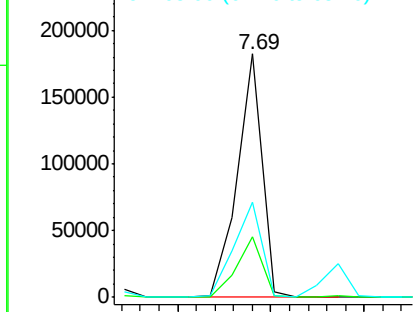
#26
2-Nitrophenol
Concen: 43.29 ng
RT: 7.69 min Scan# 534
Delta R.T. -0.01 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MS

Tgt Ion	Ratio	Lower	Upper
139	100		
109	24.8	23.0	34.4
65	38.9	45.8	68.8#

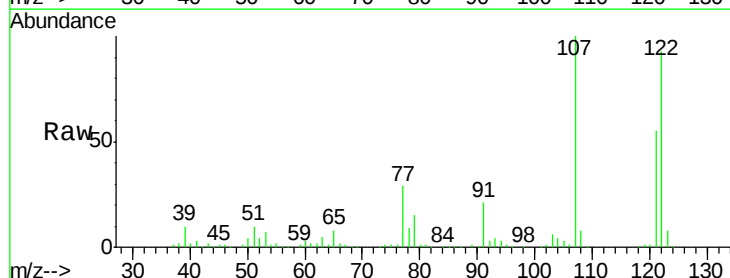


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

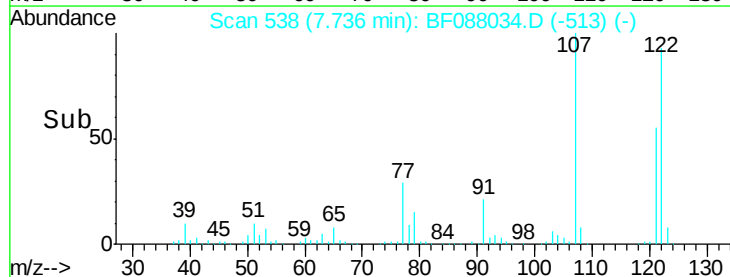
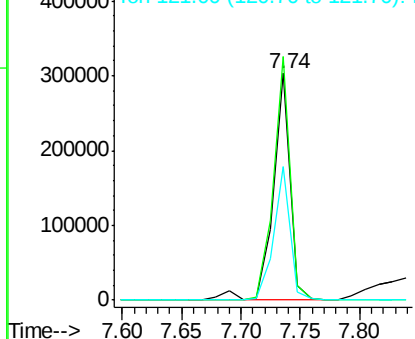


#27
2,4-Dimethylphenol
Concen: 41.79 ng
RT: 7.74 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Tgt Ion	Ratio	Lower	Upper
122	100		
107	107.4	82.4	123.6
121	58.7	46.3	69.5



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

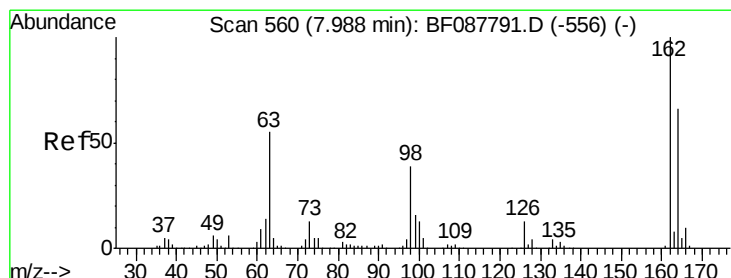
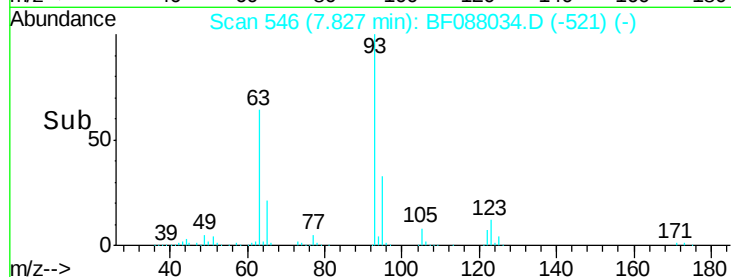
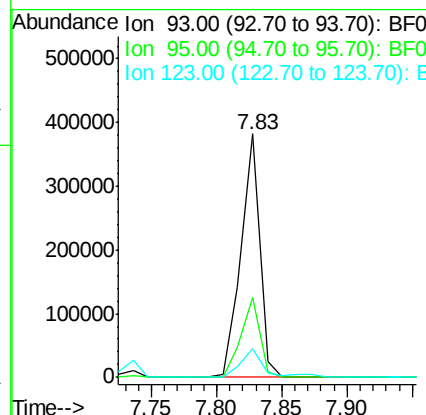
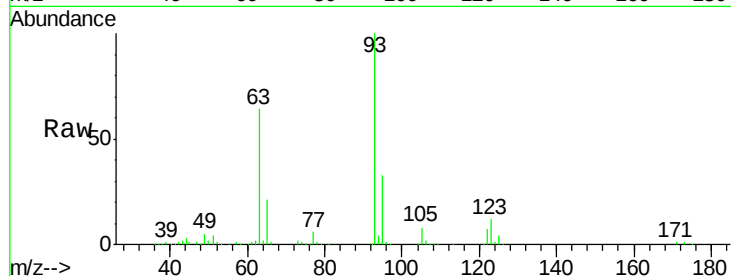




#28
bis(2-Chloroethoxy)methane
Concen: 43.74 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

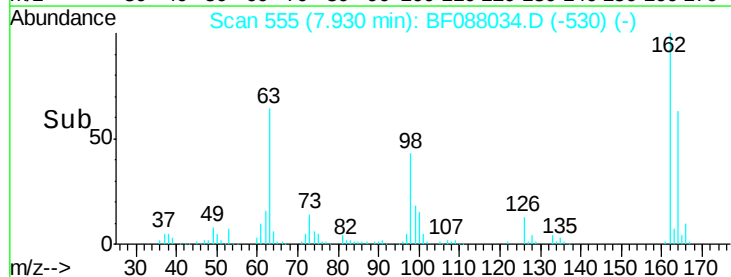
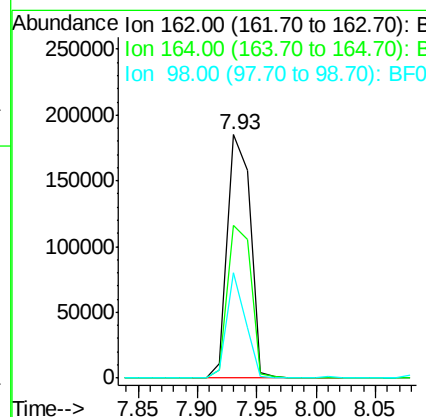
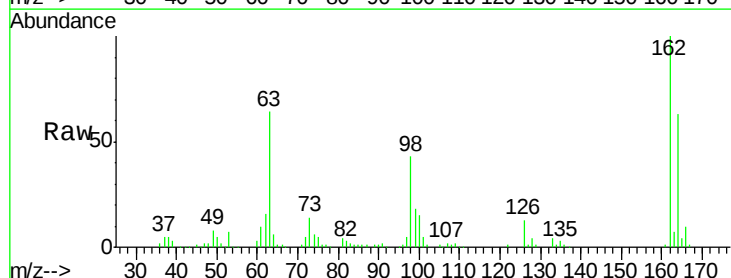
Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MS

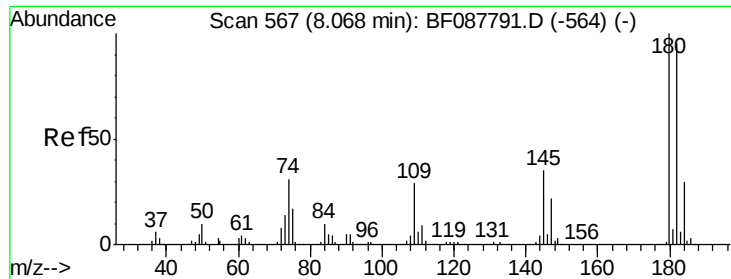
Tgt Ion: 93 Resp: 380102
Ion Ratio Lower Upper
93 100
95 32.9 26.5 39.7
123 11.7 11.6 17.4



#29
2,4-Dichlorophenol
Concen: 41.06 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Tgt Ion: 162 Resp: 247711
Ion Ratio Lower Upper
162 100
164 62.5 43.8 83.8
98 43.4 21.3 61.3

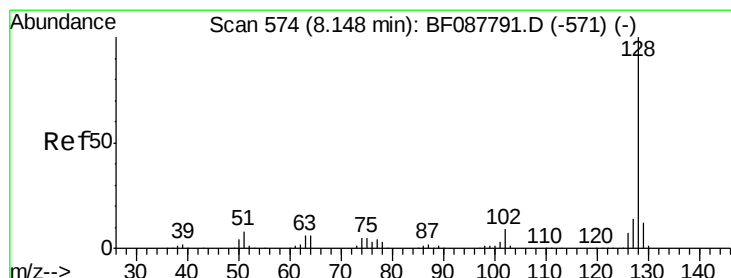
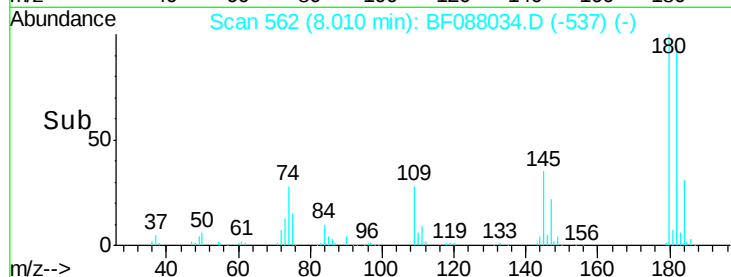
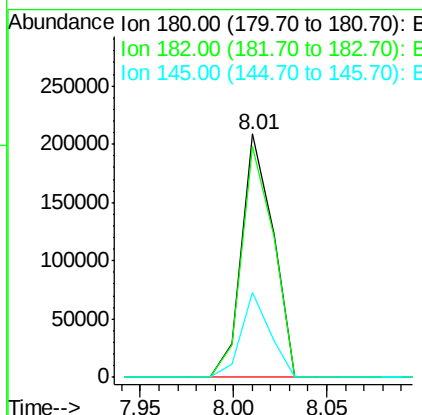
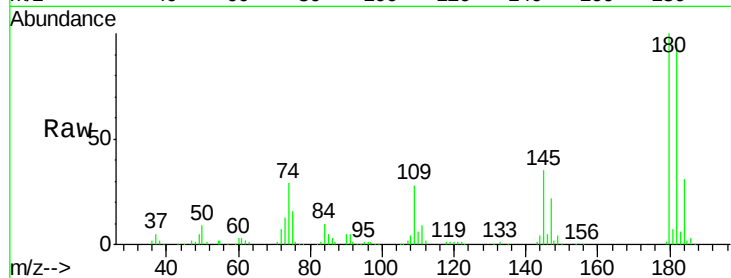




#30
1,2,4-Trichlorobenzene
Concen: 37.65 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.01 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

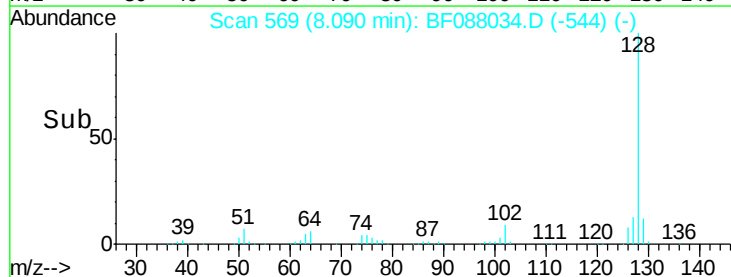
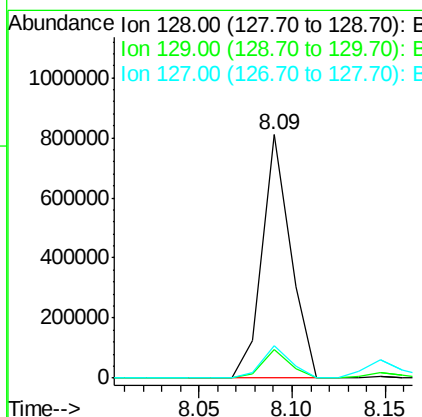
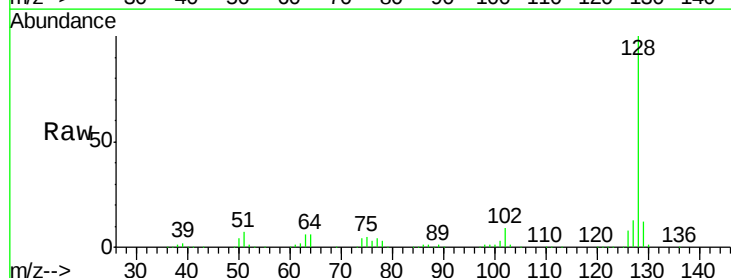
Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MS

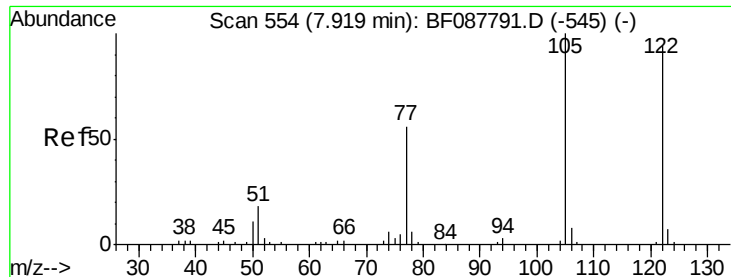
Tgt Ion:180 Resp: 247339
Ion Ratio Lower Upper
180 100
182 94.9 76.0 114.0
145 34.8 26.5 39.7



#31
Naphthalene
Concen: 39.03 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Tgt Ion:128 Resp: 853173
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.2
127 13.4 10.9 16.3





#32

Benzoic acid

Concen: 42.61 ng

RT: 7.87 min Scan# 550

Delta R.T. -0.00 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

Instrument :

BNA_F

ClientSampleId :

HSR-WC-50-060616MS

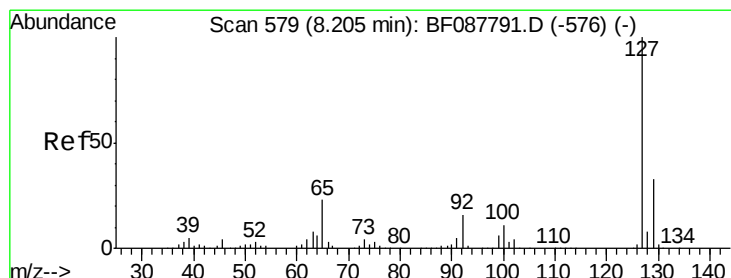
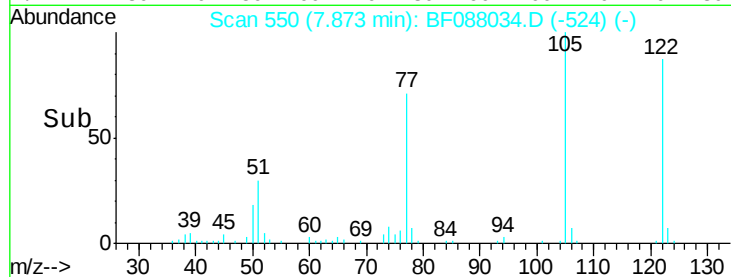
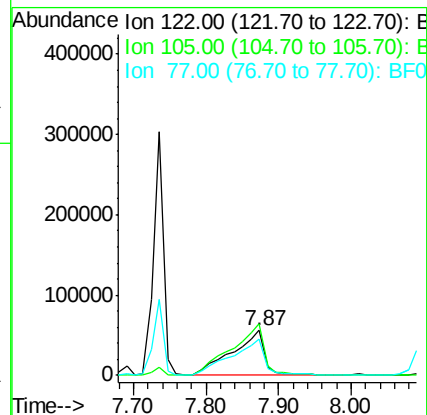
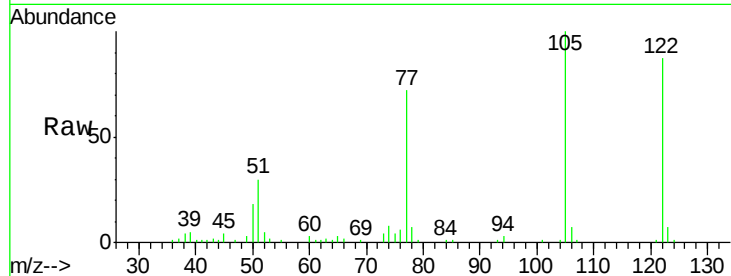
Tgt Ion:122 Resp: 169567

Ion Ratio Lower Upper

122 100

105 115.5 101.6 141.6

77 82.6 70.6 110.6



#33

4-Chloroaniline

Concen: 9.74 ng

RT: 8.15 min Scan# 574

Delta R.T. -0.01 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

Tgt Ion:127 Resp: 95090

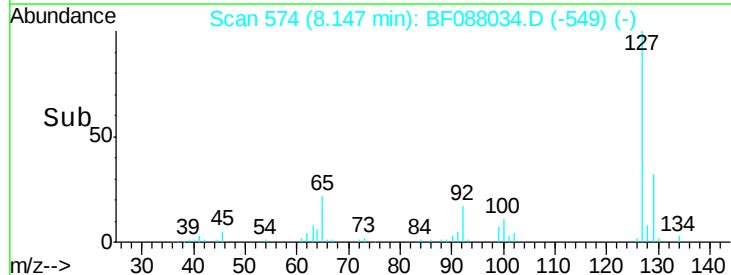
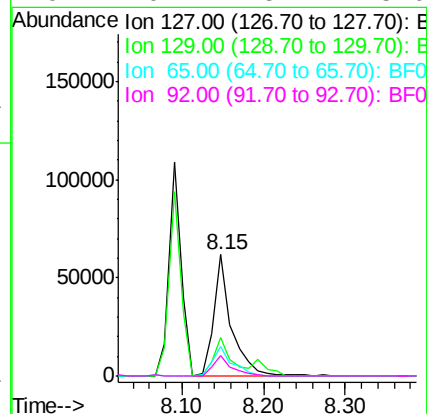
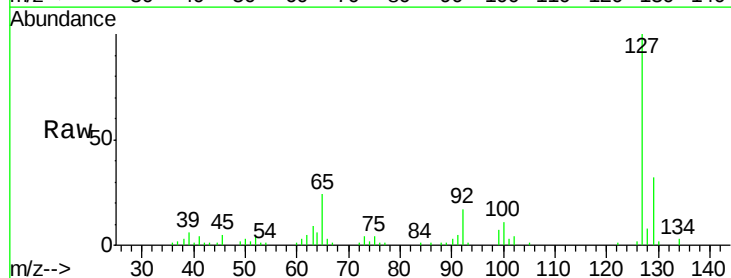
Ion Ratio Lower Upper

127 100

129 32.0 26.3 39.5

65 24.2 24.7 37.1#

92 16.7 15.4 23.0

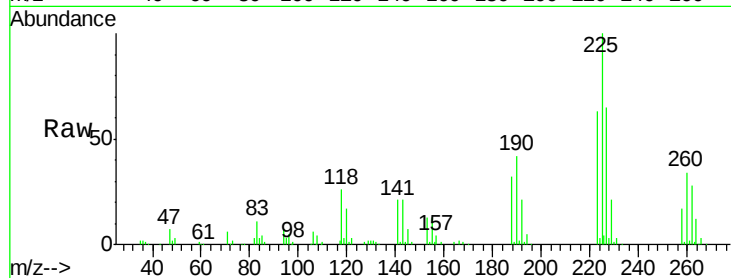




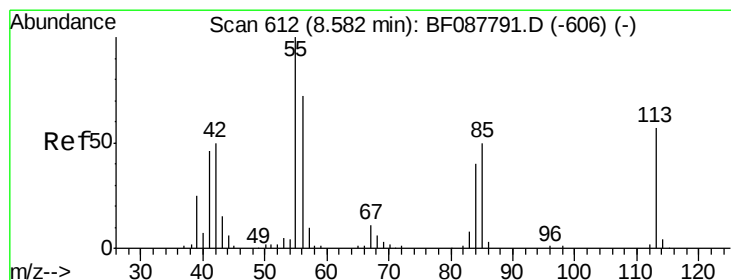
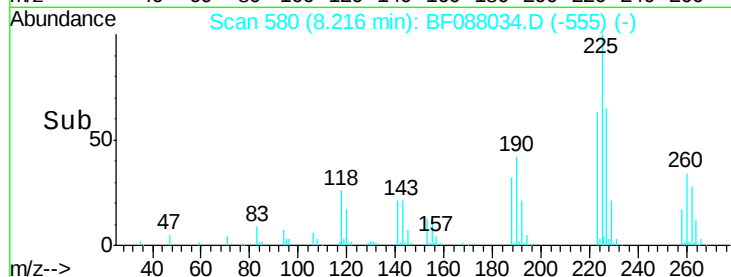
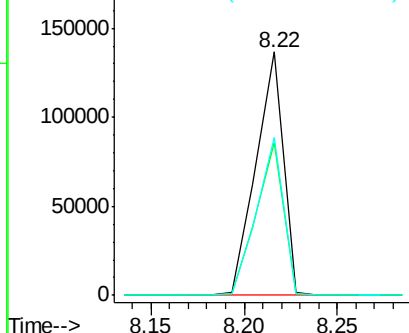
#34
Hexachlorobutadiene
Concen: 39.92 ng
RT: 8.22 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MS

Tgt Ion: 225 Resp: 138325
Ion Ratio Lower Upper
225 100
223 62.6 50.9 76.3
227 64.9 51.9 77.9

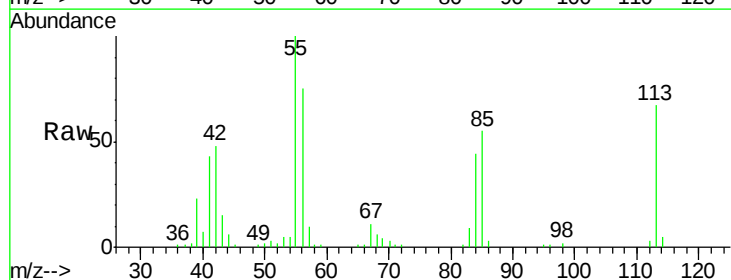


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

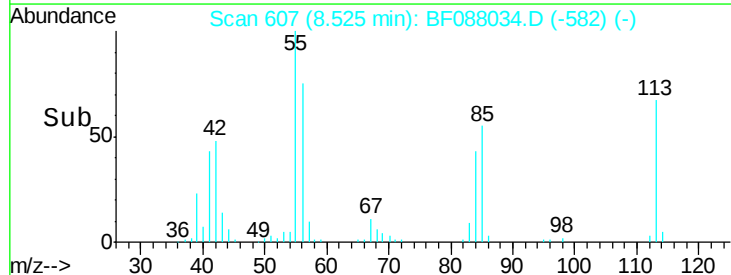
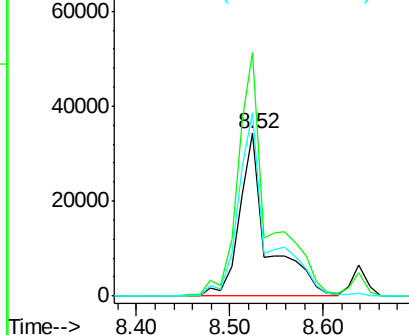


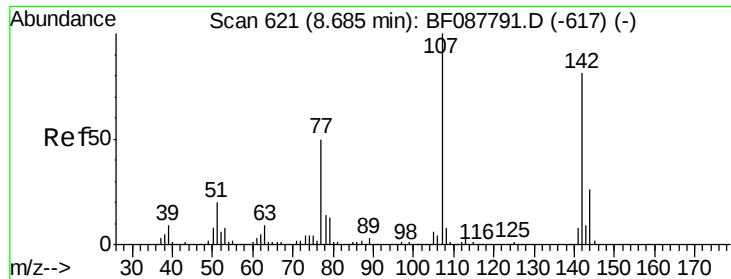
#35
Caprolactam
Concen: 36.23 ng
RT: 8.52 min Scan# 607
Delta R.T. -0.01 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Tgt Ion: 113 Resp: 72400
Ion Ratio Lower Upper
113 100
55 149.6 158.6 198.6#
56 112.5 110.6 150.6



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

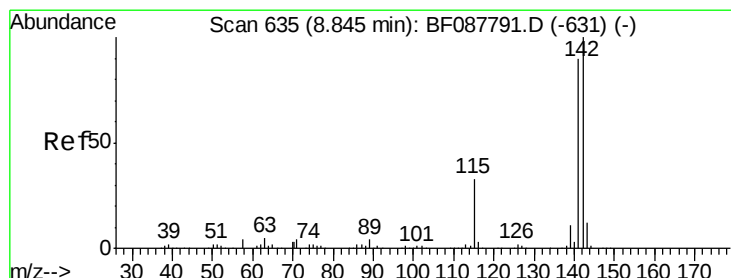
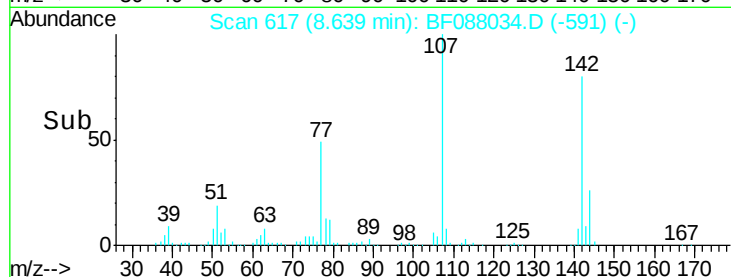
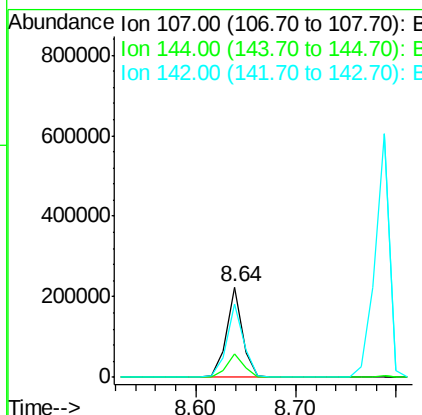
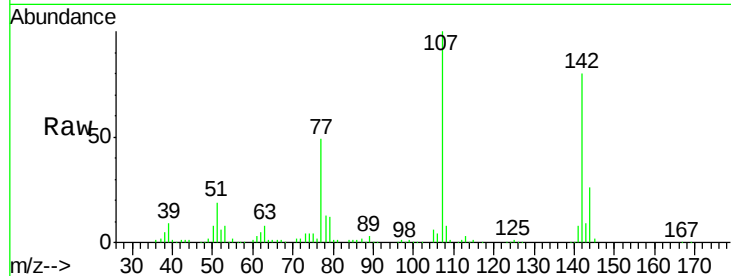




#36
4-Chloro-3-methylphenol
Concen: 38.83 ng
RT: 8.64 min Scan# 617
Delta R.T. -0.00 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

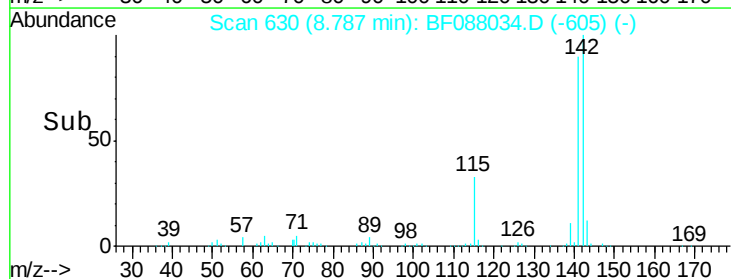
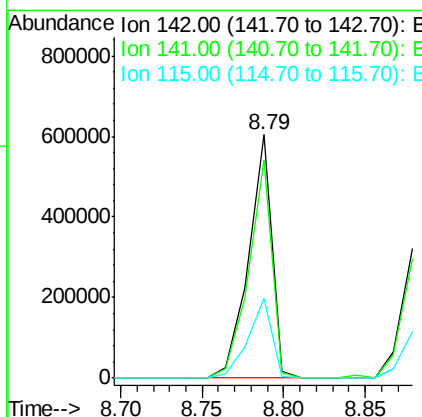
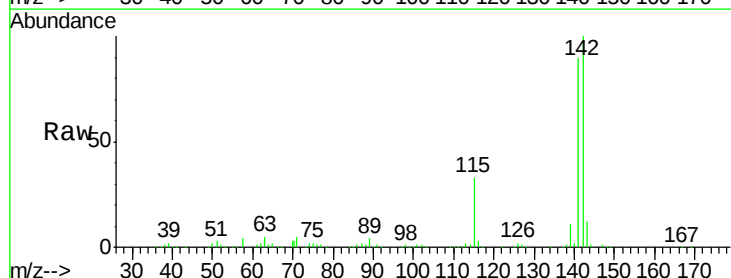
Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MS

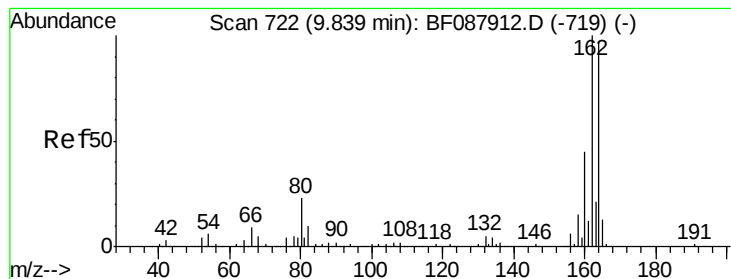
Tgt Ion:107 Resp: 250548
Ion Ratio Lower Upper
107 100
144 25.7 20.8 31.2
142 80.5 63.4 95.2



#37
2-Methylnaphthalene
Concen: 41.46 ng
RT: 8.79 min Scan# 630
Delta R.T. -0.01 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Tgt Ion:142 Resp: 597277
Ion Ratio Lower Upper
142 100
141 89.5 71.0 106.6
115 32.8 22.6 33.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.83 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

Instrument :

BNA_F

ClientSampleId :

HSR-WC-50-060616MS

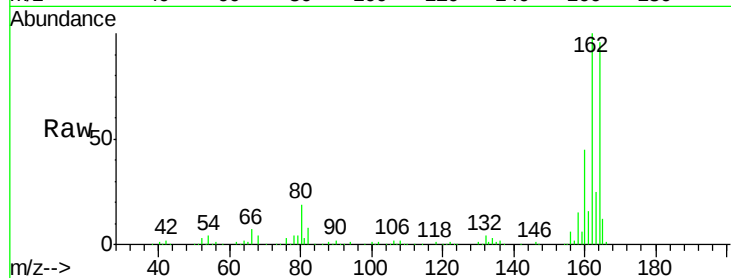
Tgt Ion:164 Resp: 204161

Ion Ratio Lower Upper

164 100

162 104.7 85.4 128.2

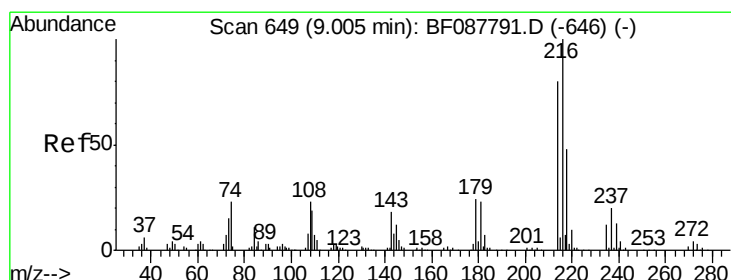
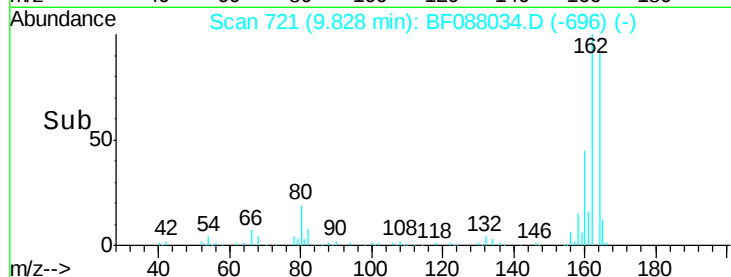
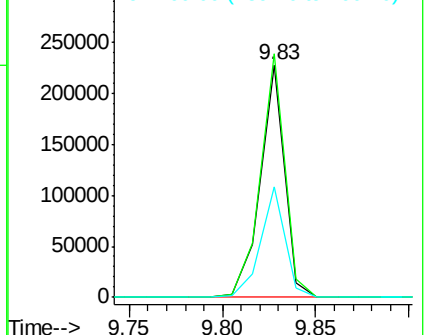
160 47.3 39.5 59.3



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: 44.33 ng

RT: 8.96 min Scan# 645

Delta R.T. -0.00 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

Tgt Ion:216 Resp: 236764

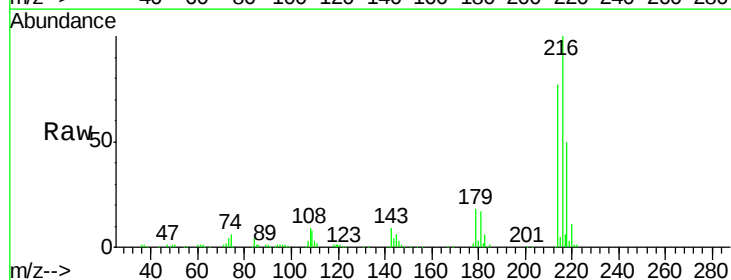
Ion Ratio Lower Upper

216 100

214 79.4 2.9 4.3#

179 21.6 0.0 0.0#

108 18.7 0.5 0.7#

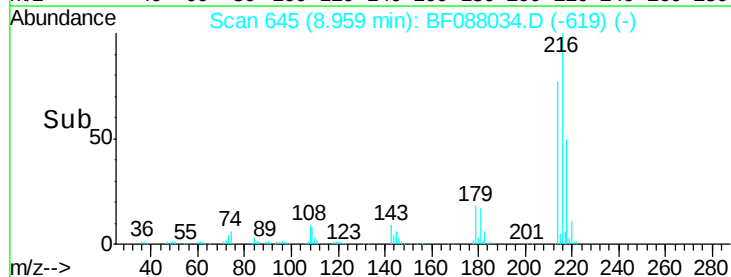
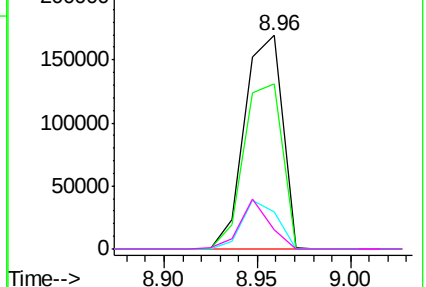


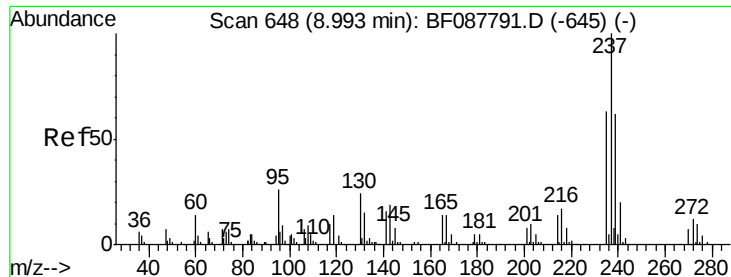
Abundance Ion 216.00 (215.70 to 216.70): E

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

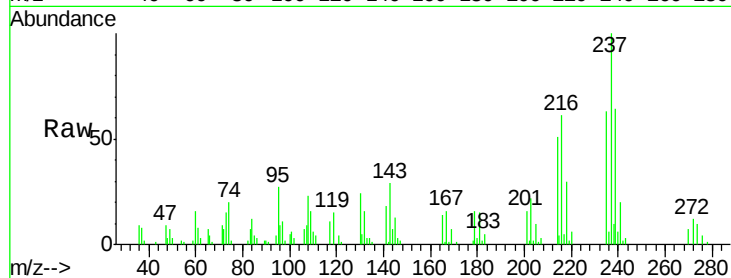




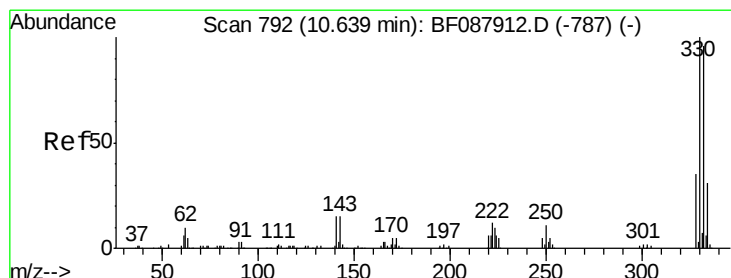
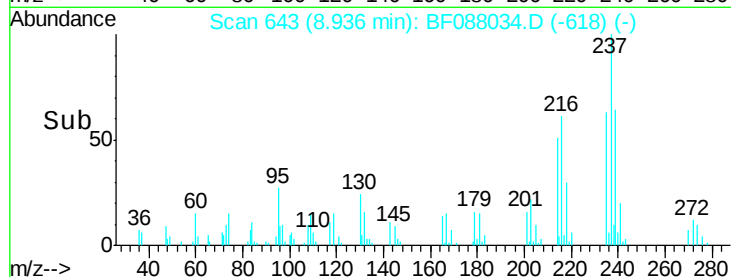
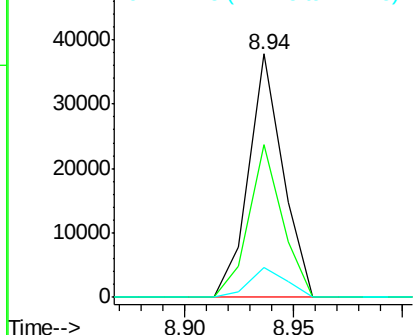
#40
Hexachlorocyclopentadiene
Concen: 12.57 ng
RT: 8.94 min Scan# 643
Delta R.T. -0.01 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MS

Tgt Ion: 237 Resp: 41393
Ion Ratio Lower Upper
237 100
235 62.8 43.4 83.4
272 12.5 0.0 32.3

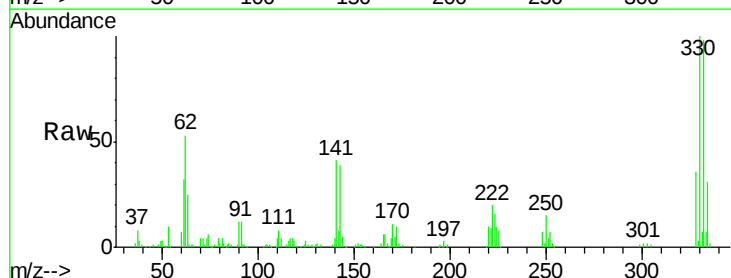


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

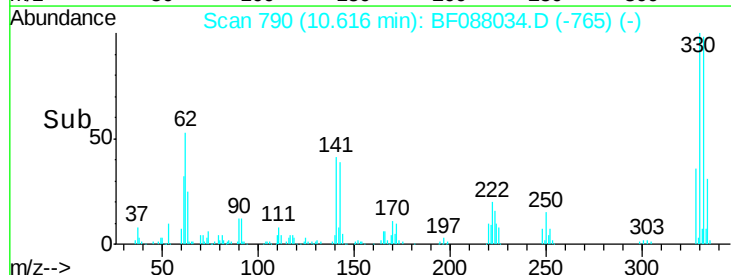
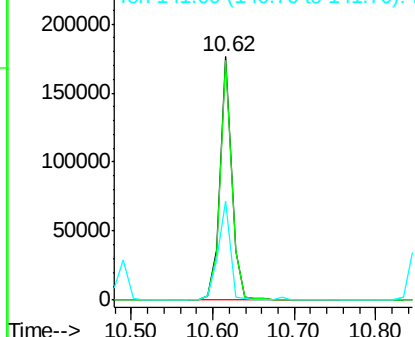


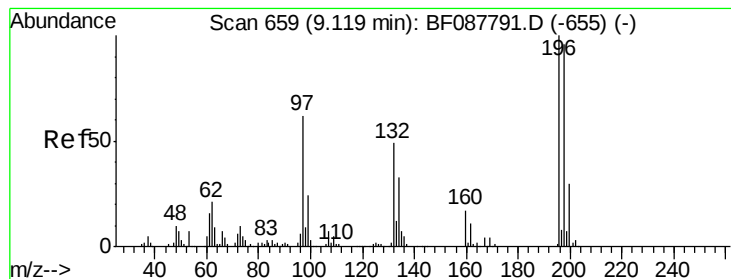
#41
2,4,6-Tribromophenol
Concen: 82.22 ng
RT: 10.62 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Tgt Ion: 330 Resp: 177250
Ion Ratio Lower Upper
330 100
332 97.6 0.0 0.0#
141 41.9 0.0 0.0#



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

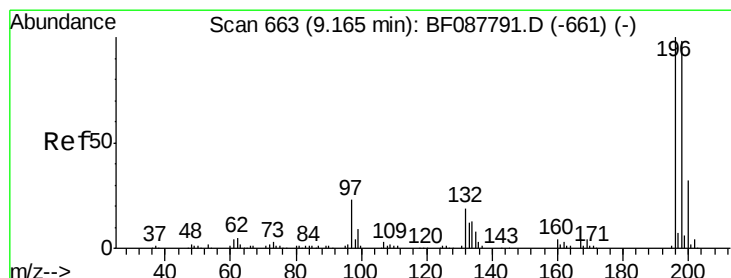
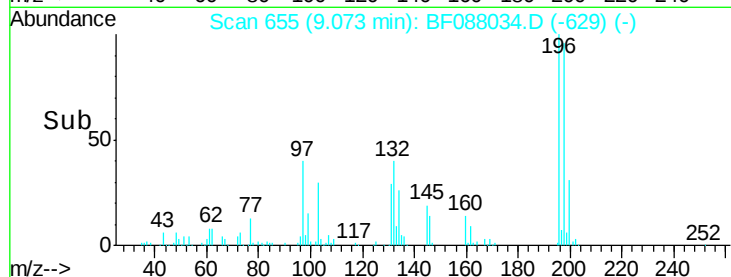
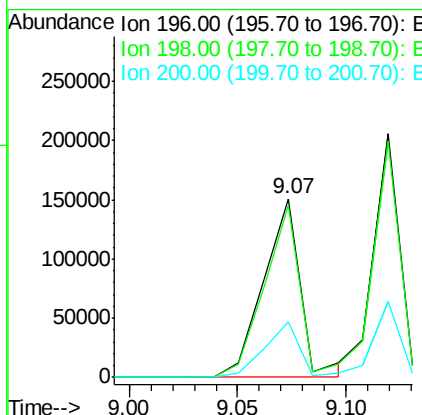
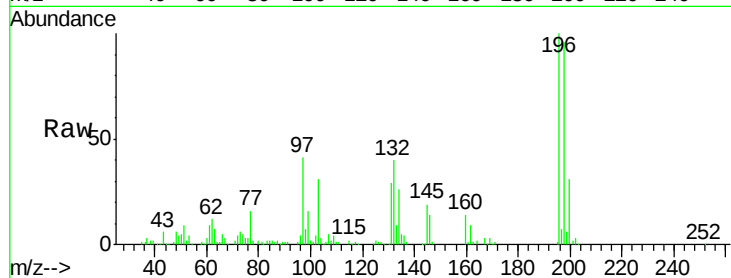




#42
 2,4,6-Trichlorophenol
 Concen: 44.01 ng
 RT: 9.07 min Scan# 655
 Delta R.T. -0.00 min
 Lab File: BF088034.D
 Acq: 15 Jun 2016 8:42

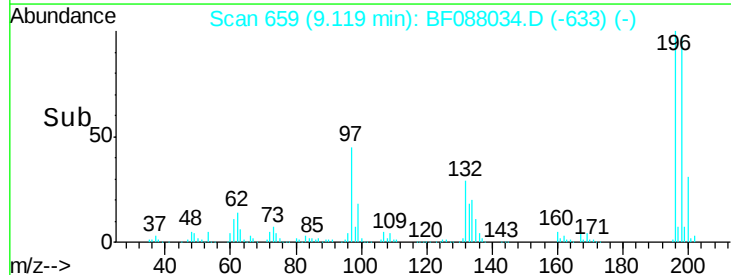
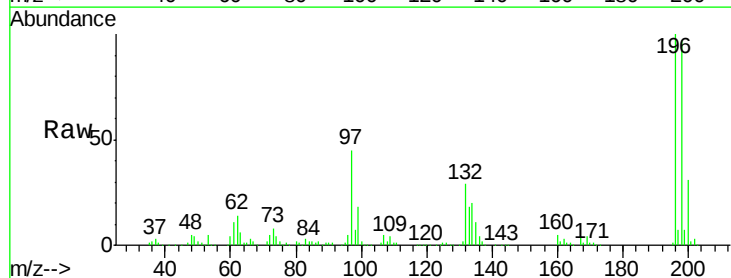
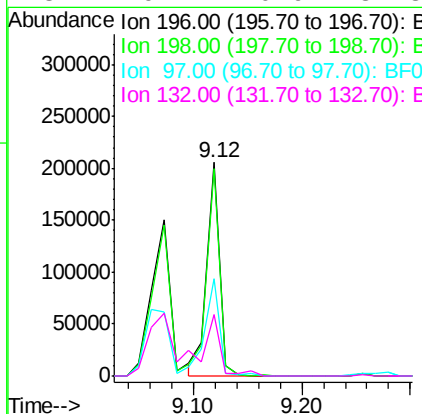
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-50-060616MS

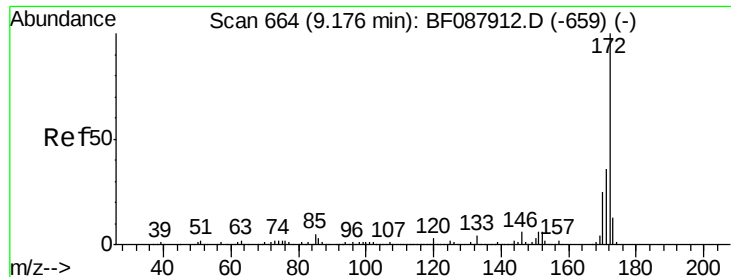
Tgt Ion:196 Resp: 179695
 Ion Ratio Lower Upper
 196 100
 198 96.2 78.0 117.0
 200 31.4 25.4 38.2



#43
 2,4,5-Trichlorophenol
 Concen: 40.75 ng
 RT: 9.12 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: BF088034.D
 Acq: 15 Jun 2016 8:42

Tgt Ion:196 Resp: 173084
 Ion Ratio Lower Upper
 196 100
 198 97.0 77.5 116.3
 97 45.3 32.0 48.0
 132 29.1 20.9 31.3





#44

2-Fluorobiphenyl

Concen: 75.16 ng

RT: 9.15 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

Instrument :

BNA_F

ClientSampleId :

HSR-WC-50-060616MS

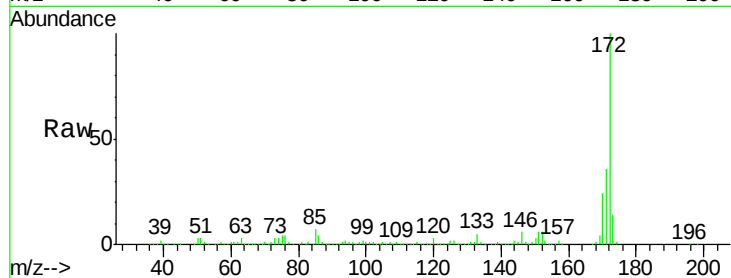
Tgt Ion:172 Resp: 985087

Ion Ratio Lower Upper

172 100

171 36.0 28.6 43.0

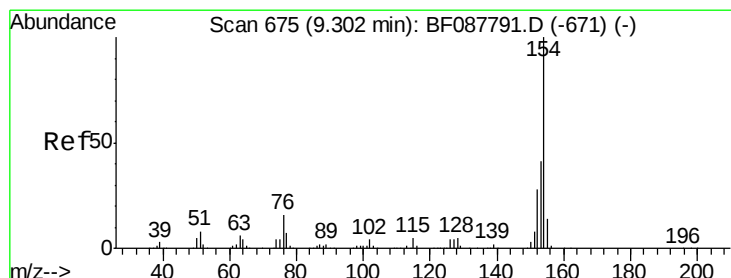
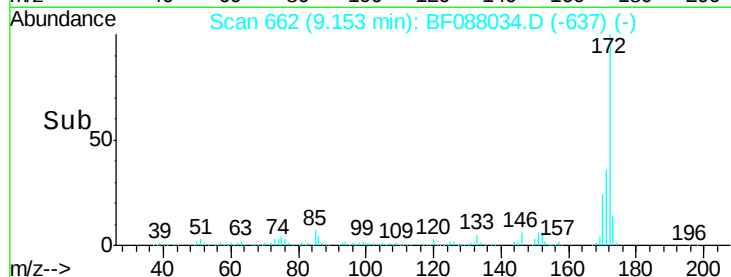
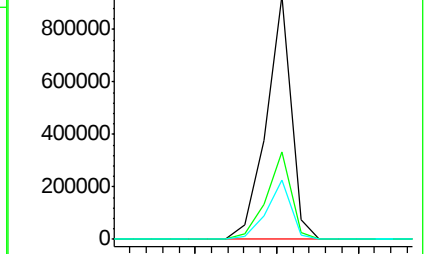
170 24.3 19.2 28.8



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: 47.81 ng

RT: 9.26 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

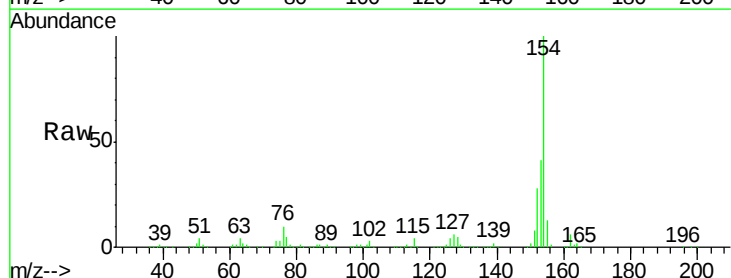
Tgt Ion:154 Resp: 726749

Ion Ratio Lower Upper

154 100

153 40.6 20.6 60.6

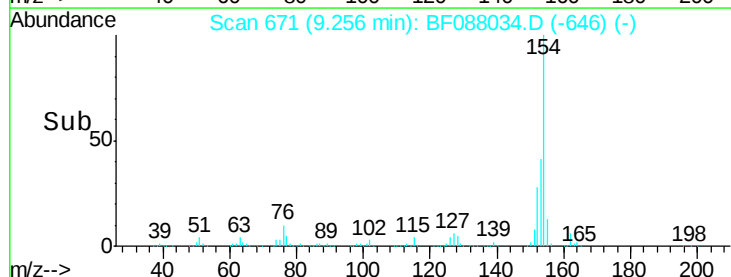
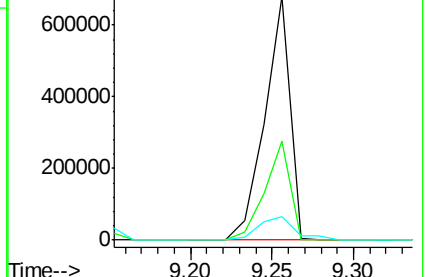
76 9.7 0.0 35.1

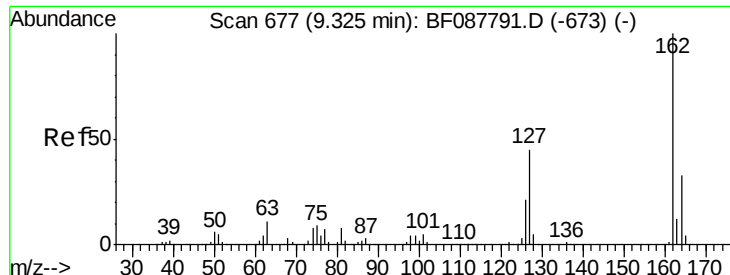


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

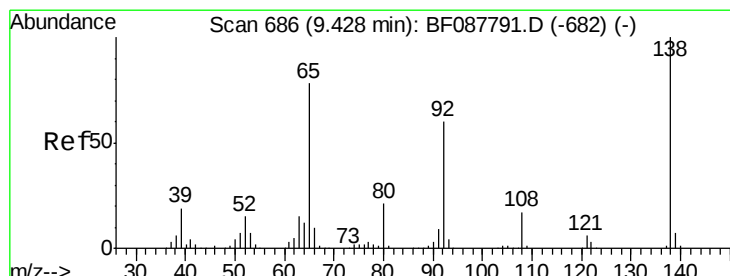
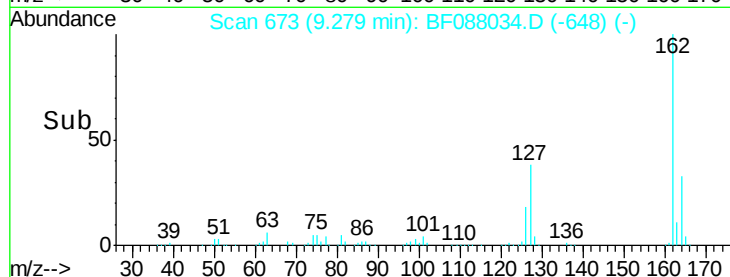
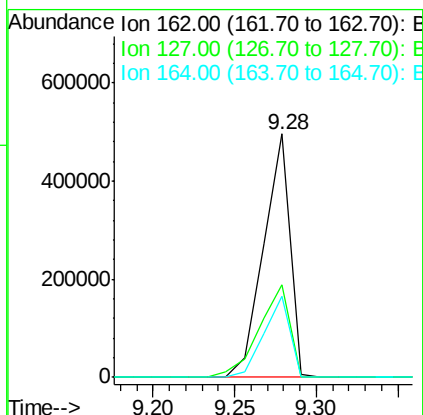
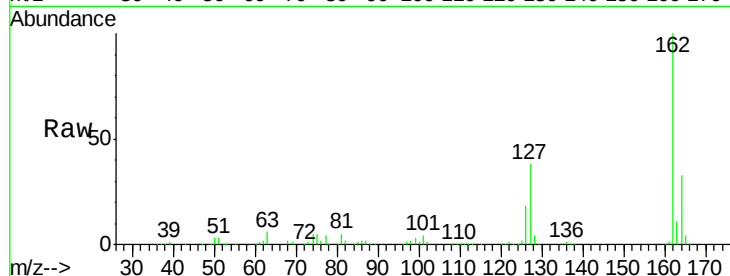




#46
 2-Chloronaphthalene
 Concen: 42.23 ng
 RT: 9.28 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF088034.D
 Acq: 15 Jun 2016 8:42

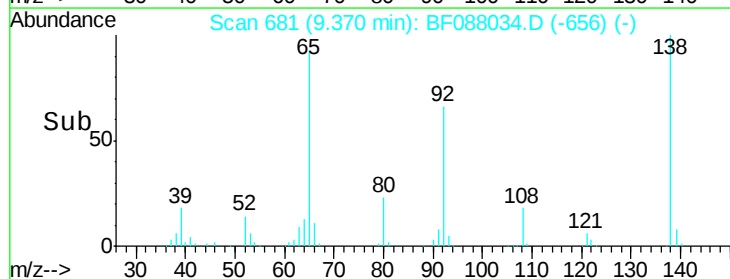
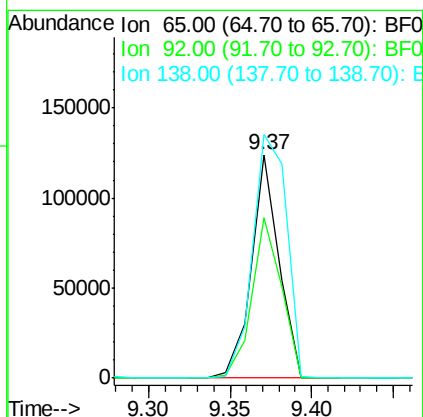
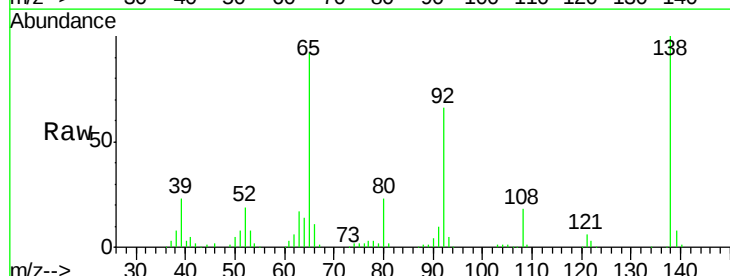
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-50-060616MS

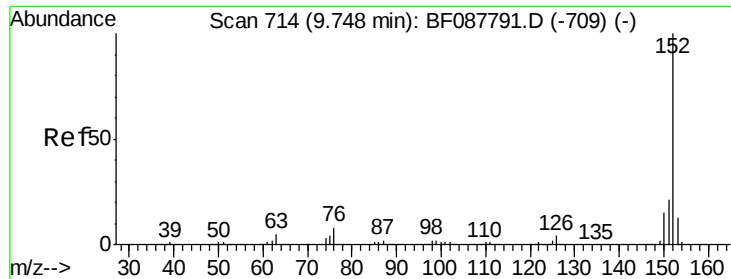
Tgt Ion: 162 Resp: 557904
 Ion Ratio Lower Upper
 162 100
 127 38.0 35.2 52.8
 164 33.4 26.6 39.8



#47
 2-Nitroaniline
 Concen: 37.20 ng
 RT: 9.37 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BF088034.D
 Acq: 15 Jun 2016 8:42

Tgt Ion: 65 Resp: 144998
 Ion Ratio Lower Upper
 65 100
 92 71.8 54.6 82.0
 138 108.9 77.0 115.4





#48

Acenaphthylene

Concen: 39.21 ng

RT: 9.69 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

Instrument :

BNA_F

ClientSampleId :

HSR-WC-50-060616MS

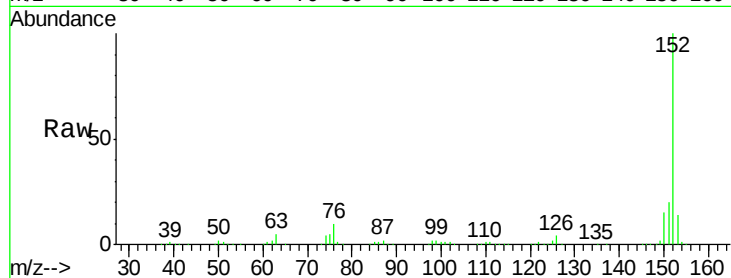
Tgt Ion:152 Resp: 823988

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

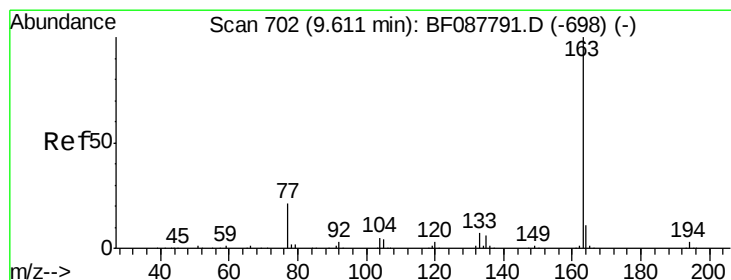
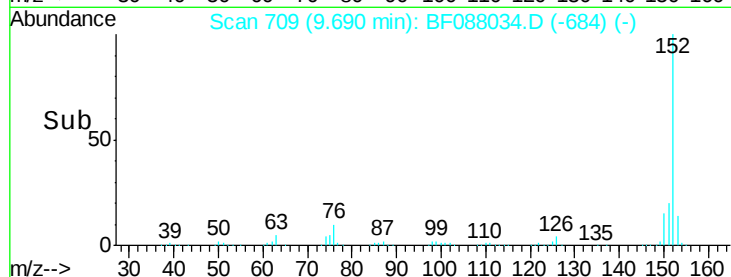
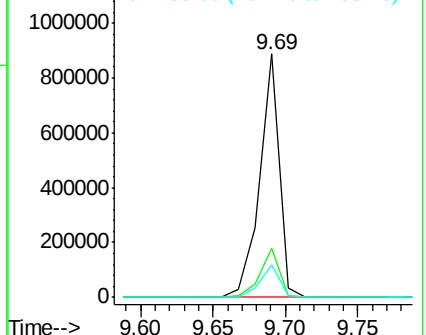
153 13.6 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 46.42 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

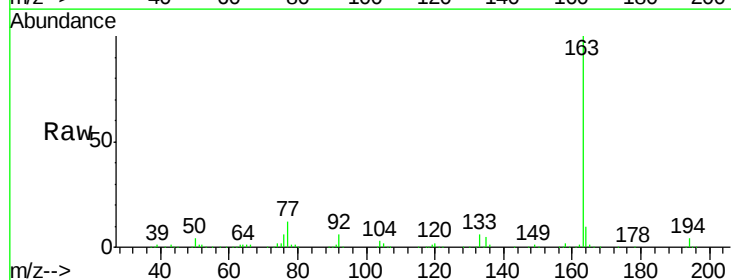
Tgt Ion:163 Resp: 686469

Ion Ratio Lower Upper

163 100

194 3.9 2.8 4.2

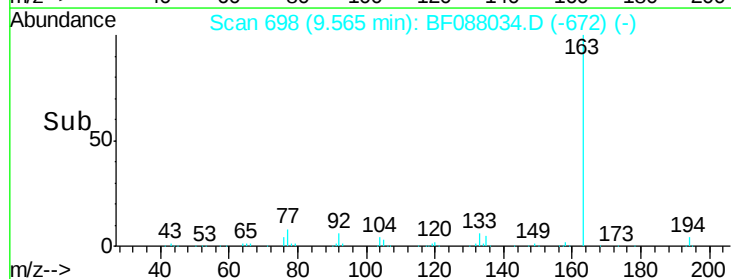
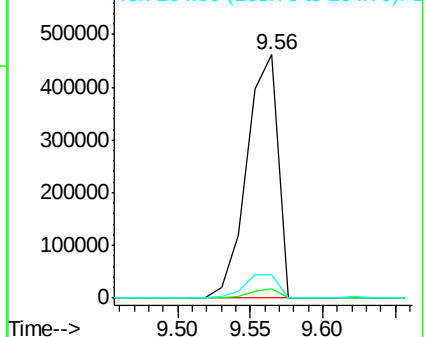
164 9.6 8.3 12.5

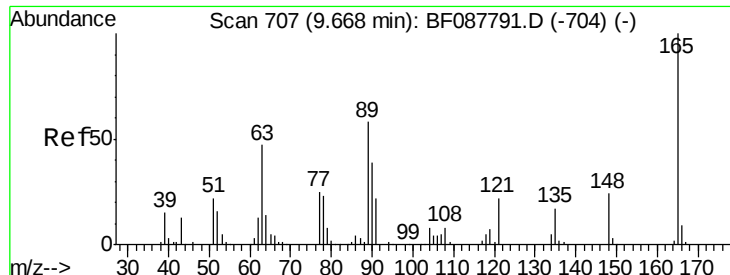


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

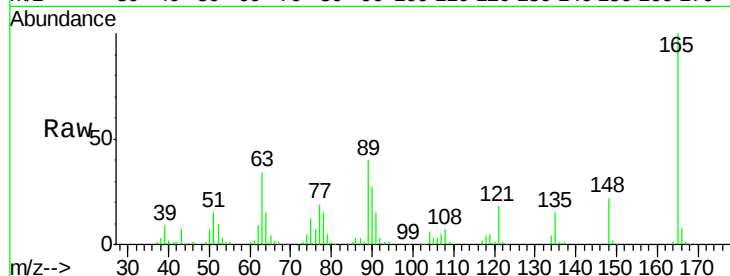




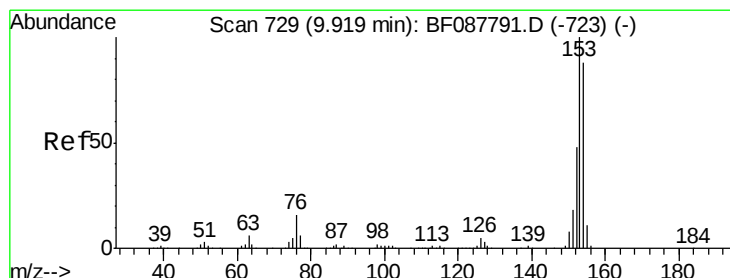
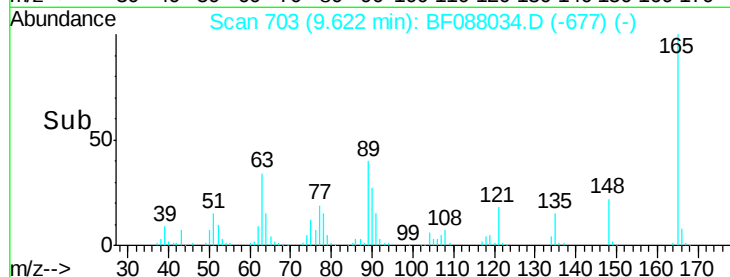
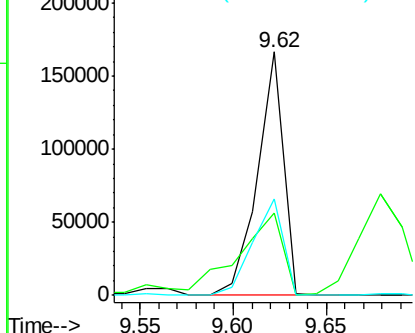
#50
2,6-Dinitrotoluene
Concen: 47.11 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.00 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MS

Tgt Ion:165 Resp: 159561
Ion Ratio Lower Upper
165 100
63 34.1 28.1 42.1
89 39.6 32.2 48.2

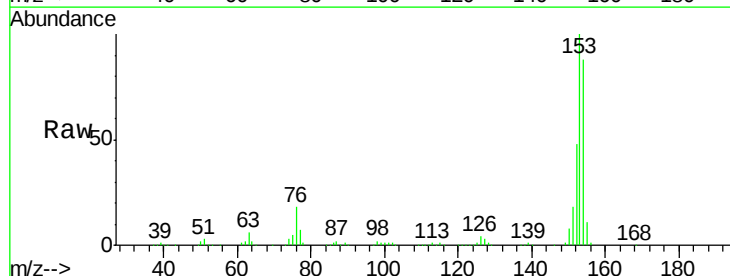


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

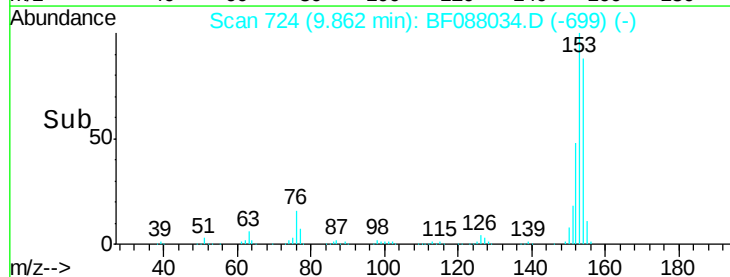
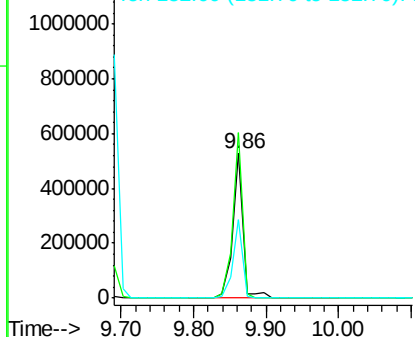


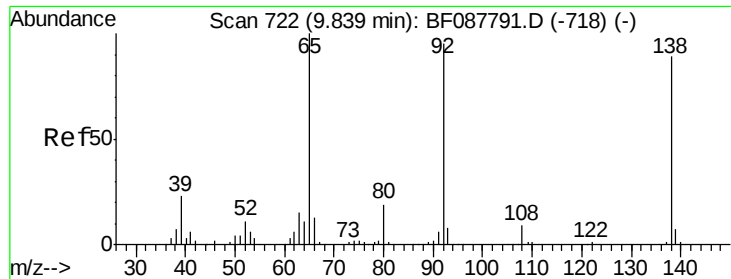
#51
Acenaphthene
Concen: 39.21 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Tgt Ion:154 Resp: 514081
Ion Ratio Lower Upper
154 100
153 114.1 89.5 134.3
152 54.5 42.7 64.1



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

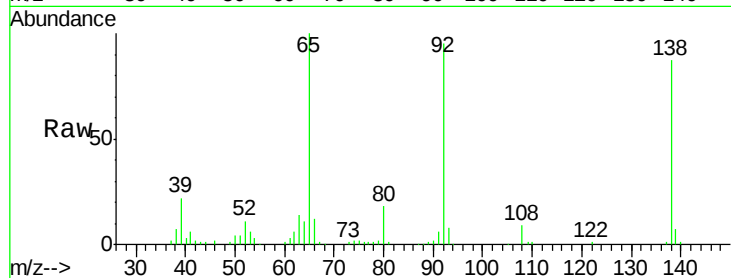




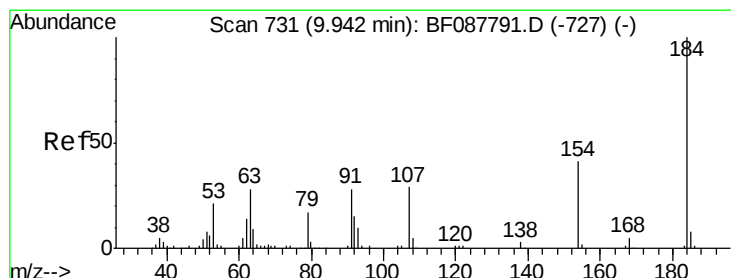
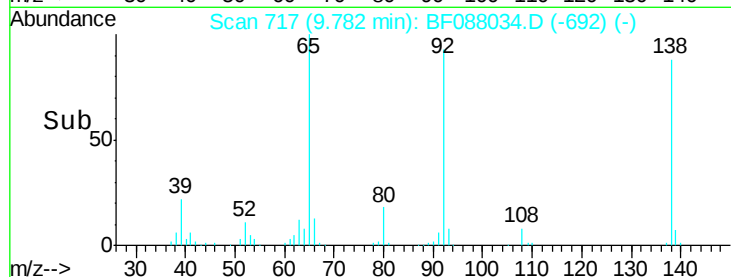
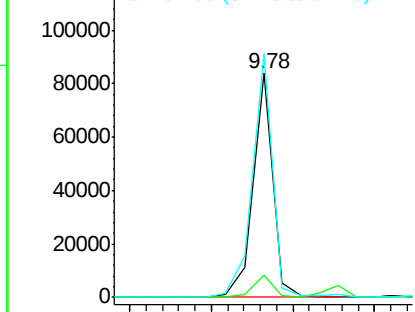
#52
 3-Nitroaniline
 Concen: 17.85 ng
 RT: 9.78 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: BF088034.D
 Acq: 15 Jun 2016 8:42

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-50-060616MS

Tgt Ion:138 Resp: 69771
 Ion Ratio Lower Upper
 138 100
 108 9.9 8.5 12.7
 92 108.7 95.7 143.5

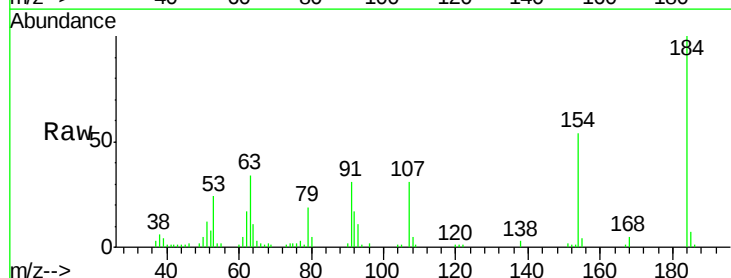


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF0

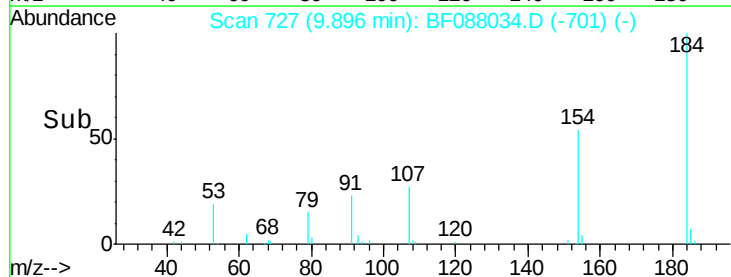
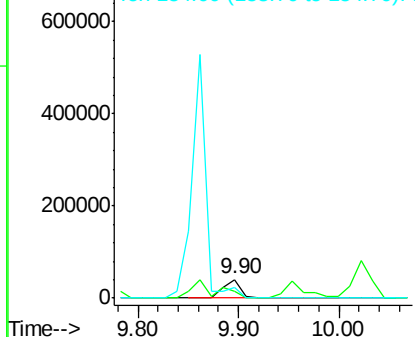


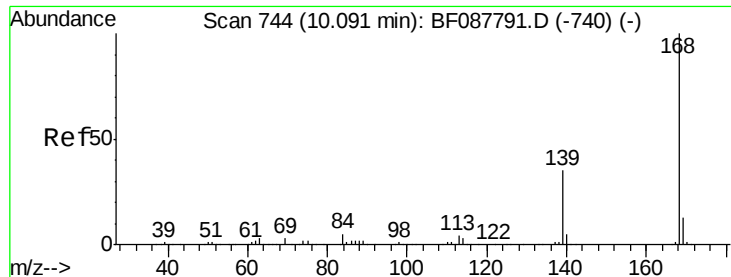
#53
 2,4-Dinitrophenol
 Concen: 33.33 ng
 RT: 9.90 min Scan# 727
 Delta R.T. -0.00 min
 Lab File: BF088034.D
 Acq: 15 Jun 2016 8:42

Tgt Ion:184 Resp: 50865
 Ion Ratio Lower Upper
 184 100
 63 33.9 57.6 86.4#
 154 54.5 53.5 80.3



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

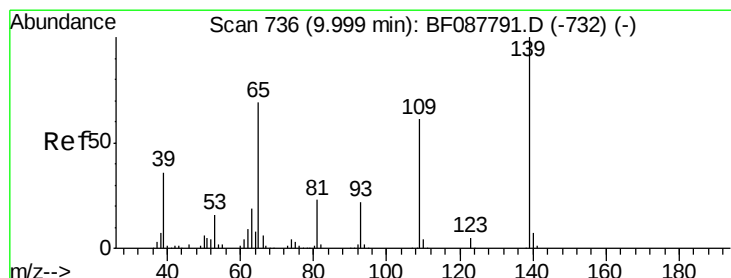
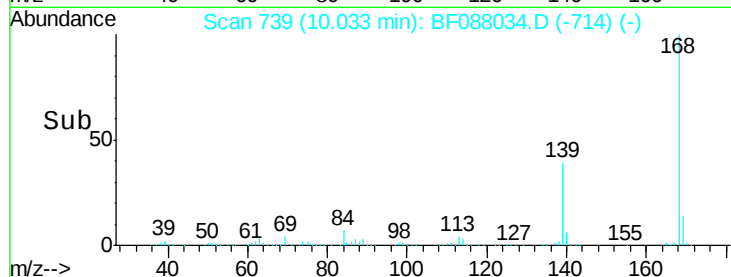
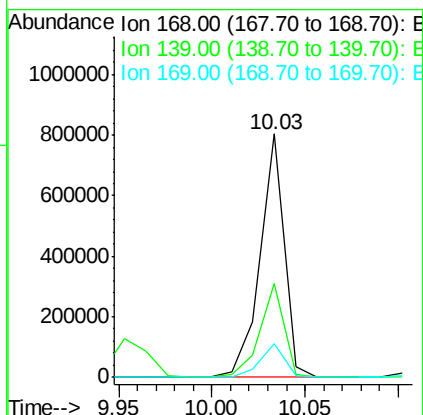
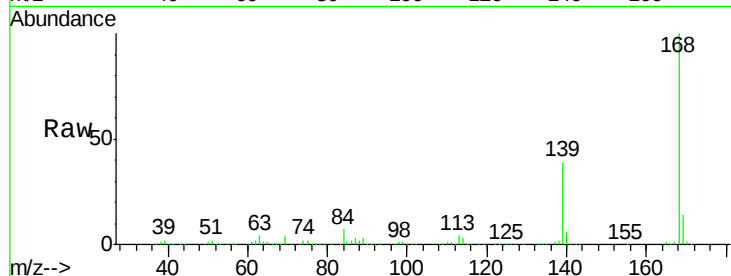




#54
Dibenzofuran
Concen: 39.57 ng
RT: 10.03 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

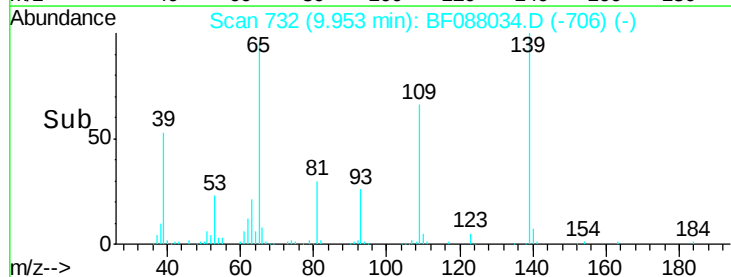
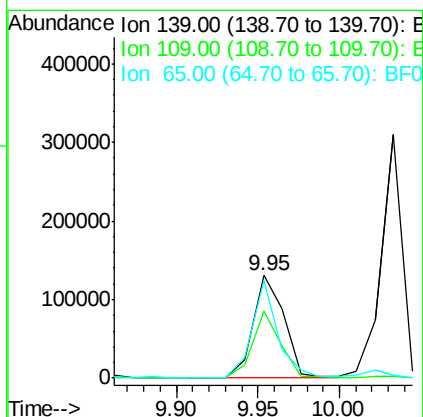
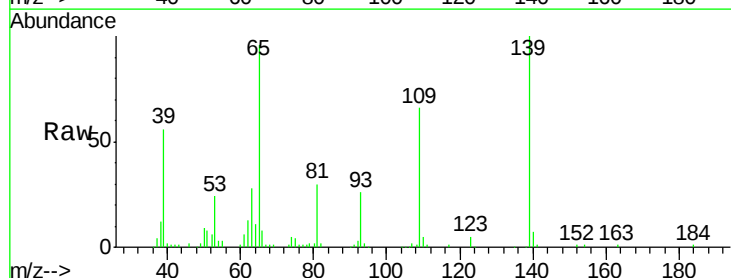
Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MS

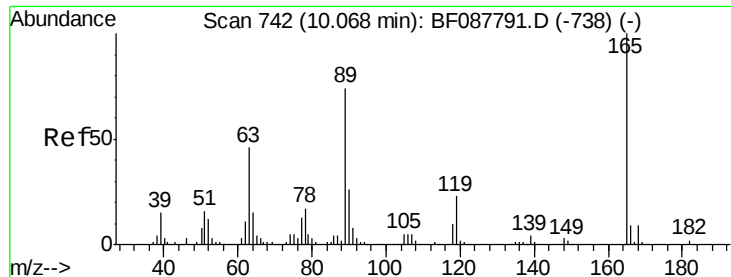
Tgt Ion:168 Resp: 714372
Ion Ratio Lower Upper
168 100
139 38.5 26.4 39.6
169 13.7 10.4 15.6



#55
4-Nitrophenol
Concen: 56.80 ng
RT: 9.95 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Tgt Ion:139 Resp: 172308
Ion Ratio Lower Upper
139 100
109 65.8 48.9 88.9
65 95.6 84.9 124.9

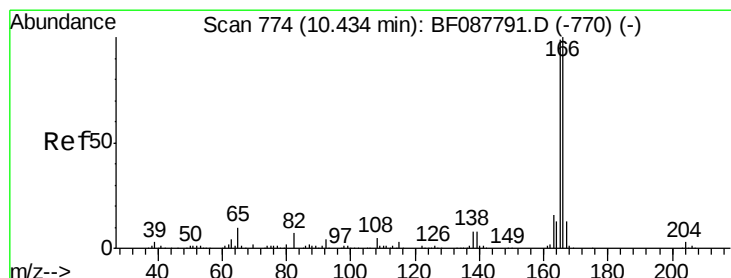
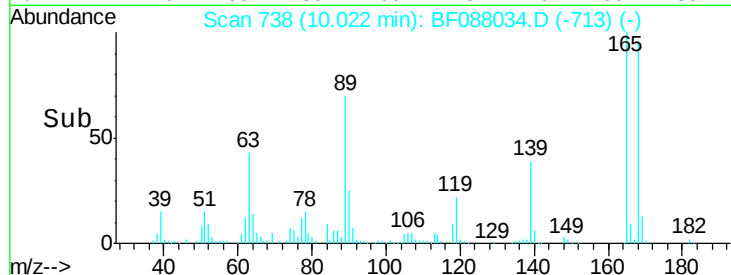
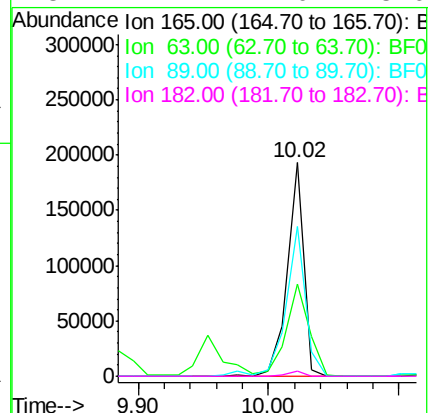
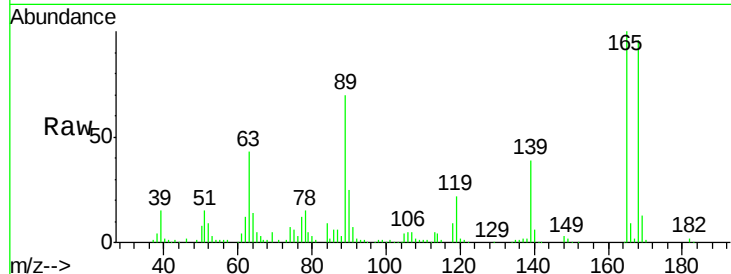




#56
2,4-Dinitrotoluene
Concen: 39.62 ng
RT: 10.02 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

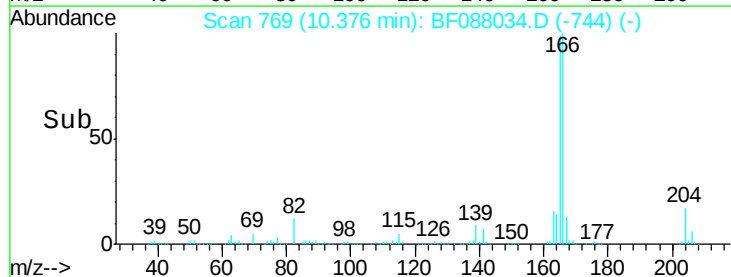
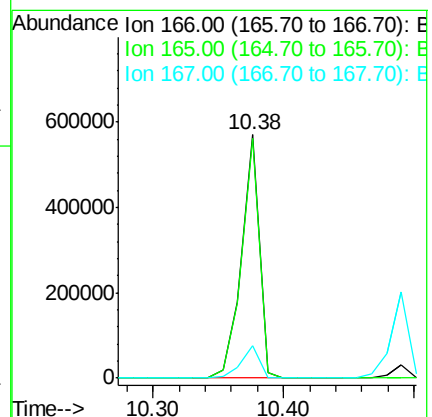
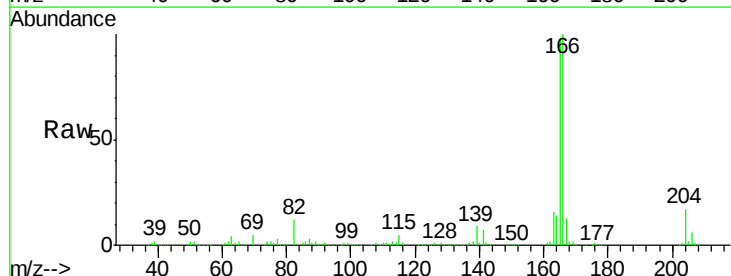
Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MS

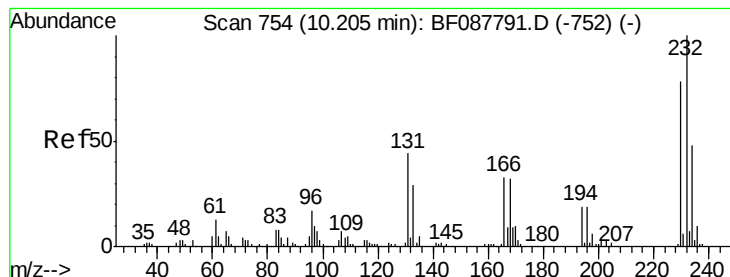
Tgt Ion	Ratio	Lower	Upper
165	100		
63	42.9	22.0	33.0#
89	70.1	41.1	61.7#
182	2.2	2.0	3.0



#57
Fluorene
Concen: 43.88 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.5	77.8	116.8
167	13.5	11.2	16.8





#58

2,3,4,6-Tetrachlorophenol

Concen: 37.31 ng

RT: 10.16 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

Instrument :

BNA_F

ClientSampleId :

HSR-WC-50-060616MS

Tgt Ion: 232 Resp: 124557

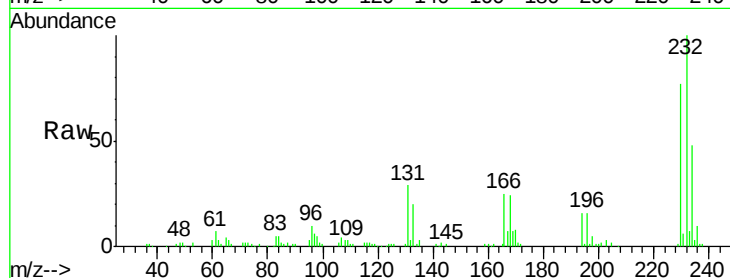
Ion Ratio Lower Upper

232 100

131 47.0 0.9 1.3#

130 2.2 1.5 2.3

166 33.3 0.5 0.7#

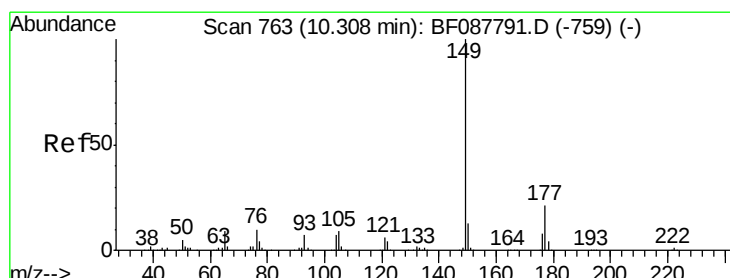
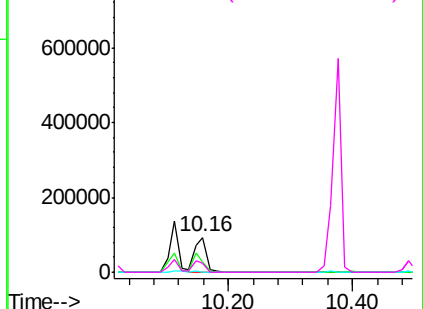
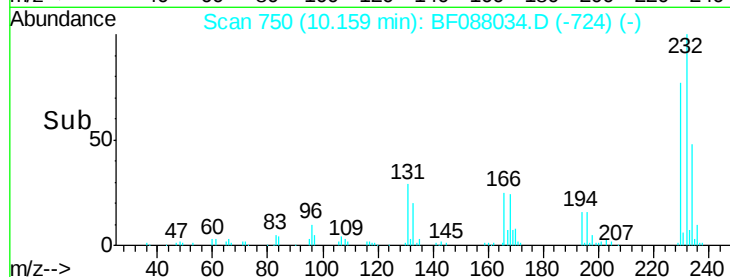


Abundance Ion 232.00 (231.70 to 232.70): E

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: 44.45 ng

RT: 10.26 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

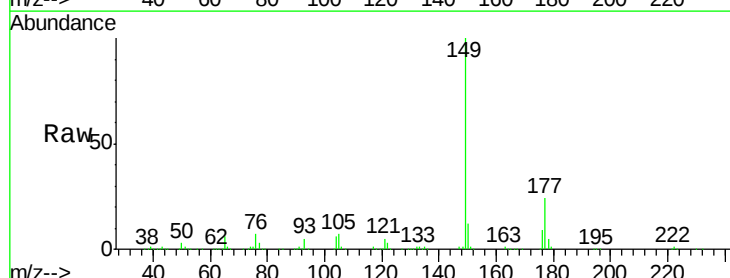
Tgt Ion: 149 Resp: 665448

Ion Ratio Lower Upper

149 100

177 23.7 16.9 25.3

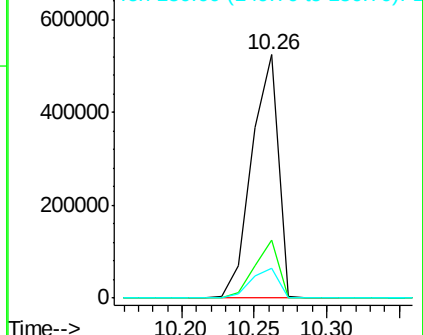
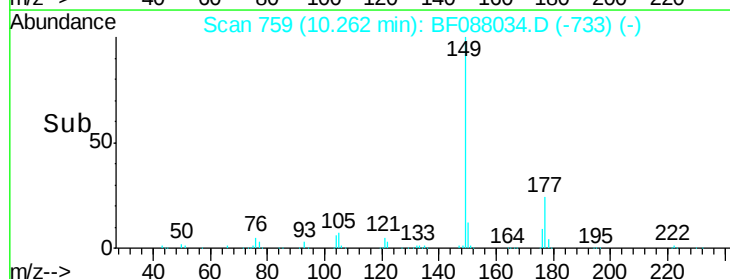
150 12.3 10.1 15.1

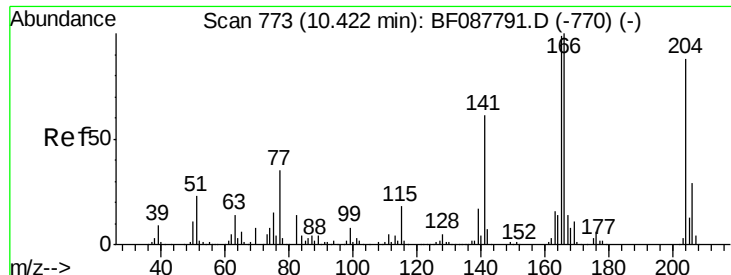


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

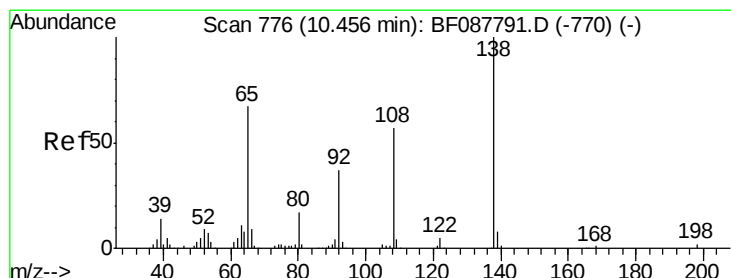
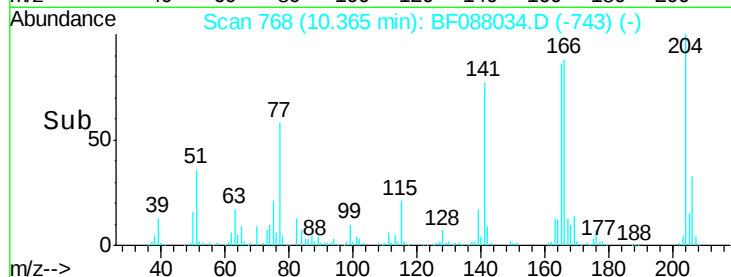
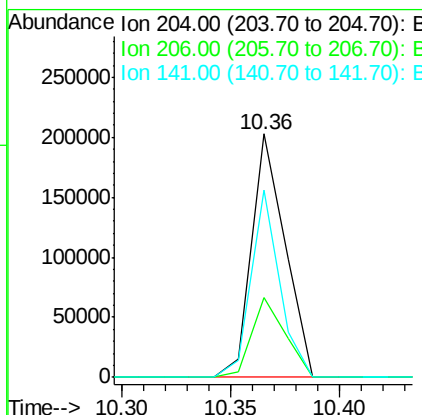
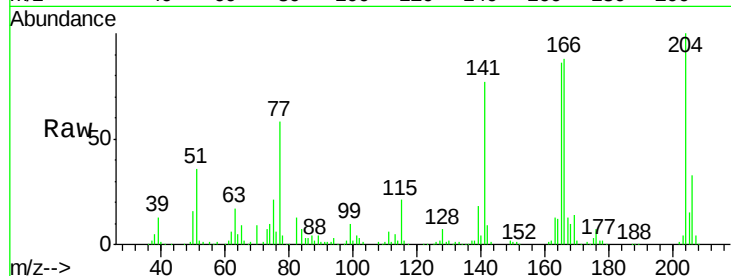




#60
 4-Chlorophenyl-phenylether
 Concen: 36.22 ng
 RT: 10.36 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BF088034.D
 Acq: 15 Jun 2016 8:42

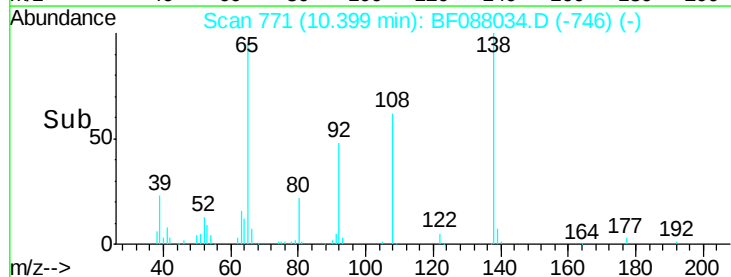
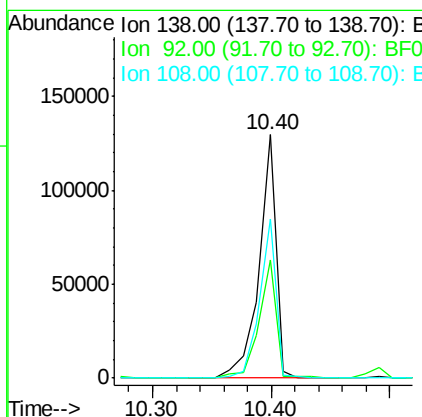
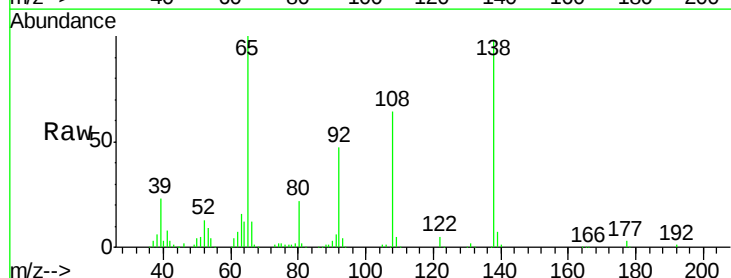
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-50-060616MS

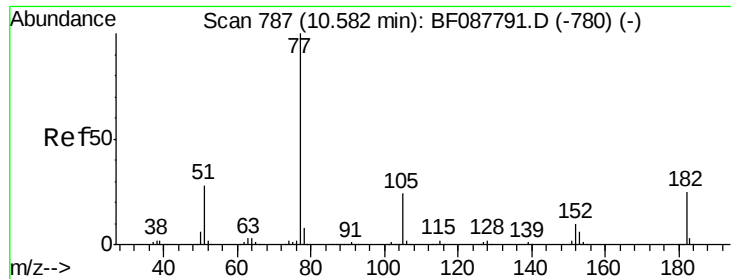
Tgt Ion: 204 Resp: 217435
 Ion Ratio Lower Upper
 204 100
 206 32.7 26.3 39.5
 141 76.9 55.0 82.6



#61
 4-Nitroaniline
 Concen: 35.36 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BF088034.D
 Acq: 15 Jun 2016 8:42

Tgt Ion: 138 Resp: 131073
 Ion Ratio Lower Upper
 138 100
 92 48.3 27.3 67.3
 108 65.2 46.7 86.7





#62

Azobenzene

Concen: 37.48 ng

RT: 10.52 min Scan# 782

Delta R.T. -0.01 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

Instrument :

BNA_F

ClientSampleId :

HSR-WC-50-060616MS

Tgt Ion: 77 Resp: 554889

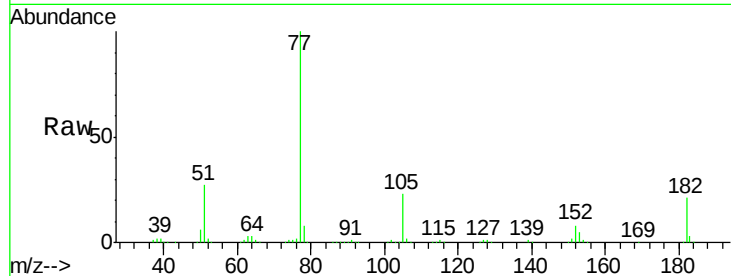
Ion Ratio Lower Upper

77 100

182 20.9 4.4 44.4

105 23.0 3.8 43.8

51 26.9 9.3 49.3

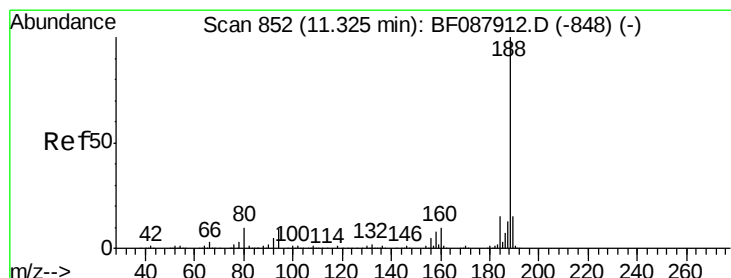
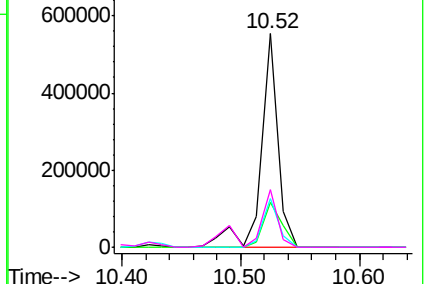
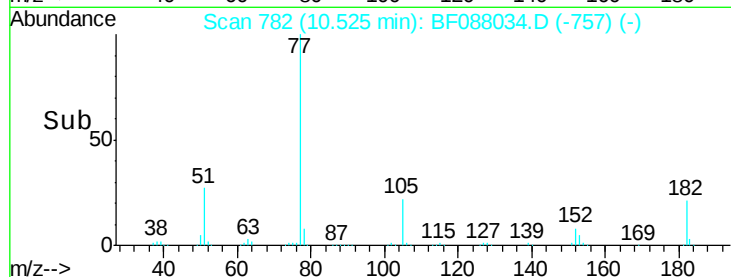


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.30 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

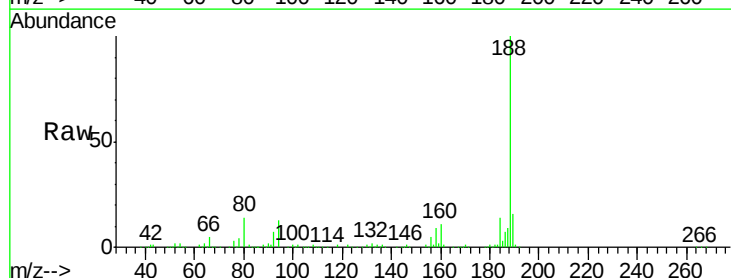
Tgt Ion: 188 Resp: 309105

Ion Ratio Lower Upper

188 100

94 13.3 9.0 13.6

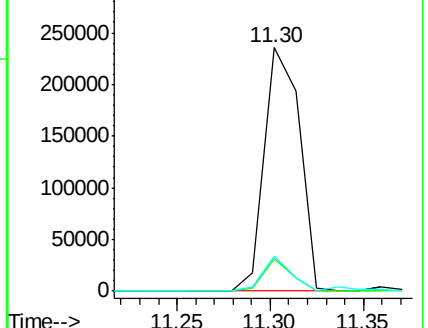
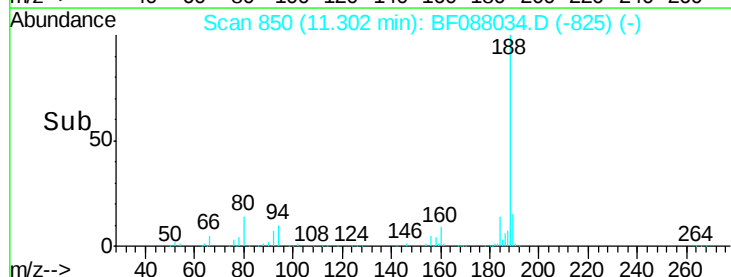
80 14.5 10.0 15.0

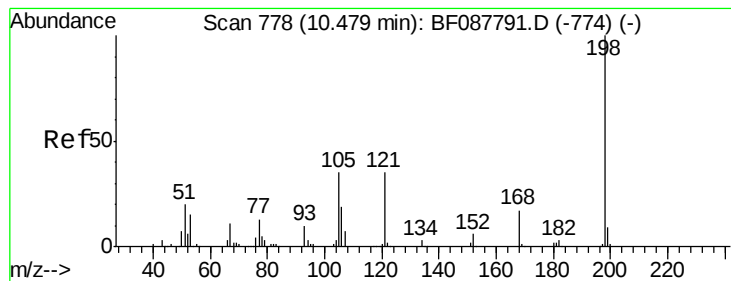


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.52 ng

RT: 10.43 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

Instrument :

BNA_F

ClientSampleId :

HSR-WC-50-060616MS

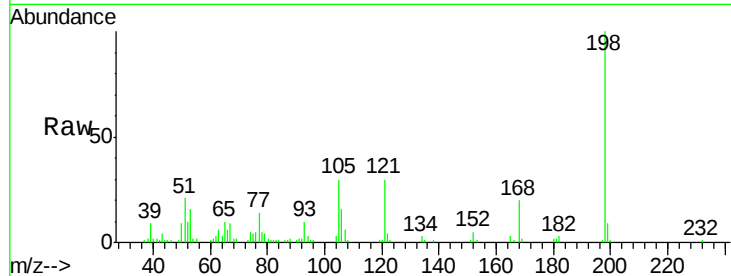
Tgt Ion:198 Resp: 39121

Ion Ratio Lower Upper

198 100

51 21.3 39.6 79.6#

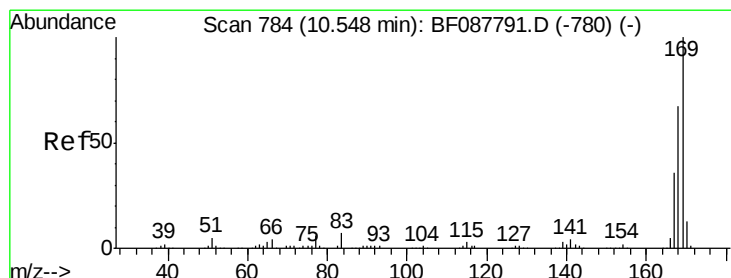
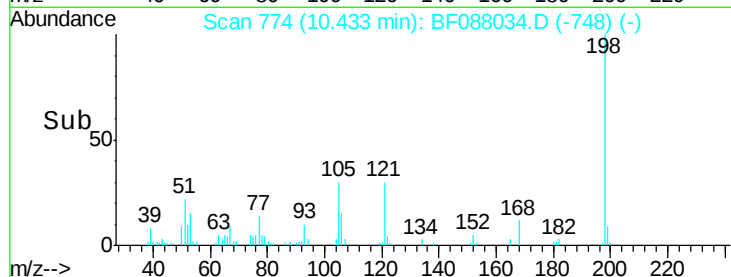
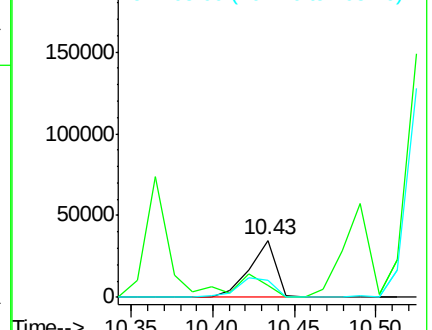
105 30.0 36.6 76.6#



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: 49.90 ng

RT: 10.49 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

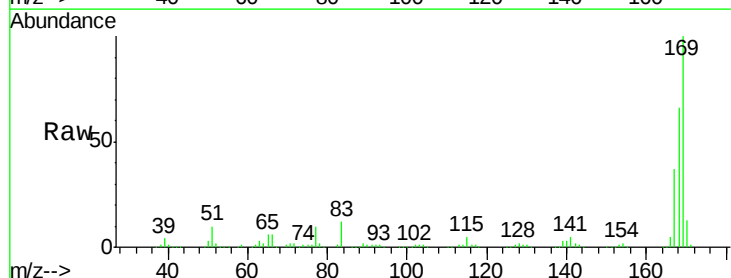
Tgt Ion:169 Resp: 511837

Ion Ratio Lower Upper

169 100

168 66.4 53.4 80.0

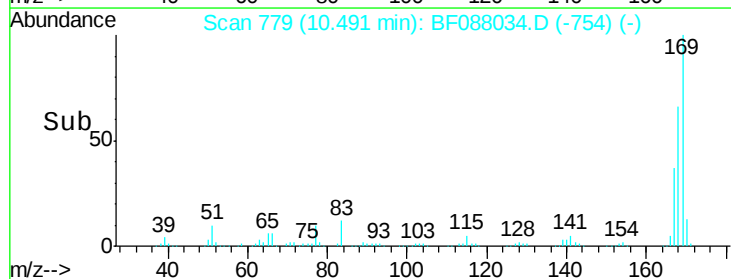
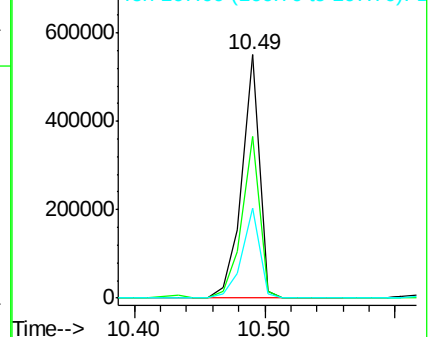
167 36.9 29.4 44.0



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

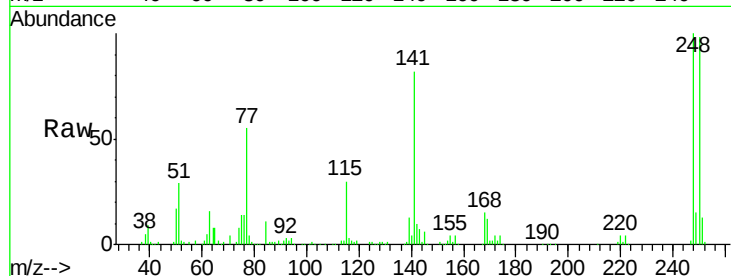




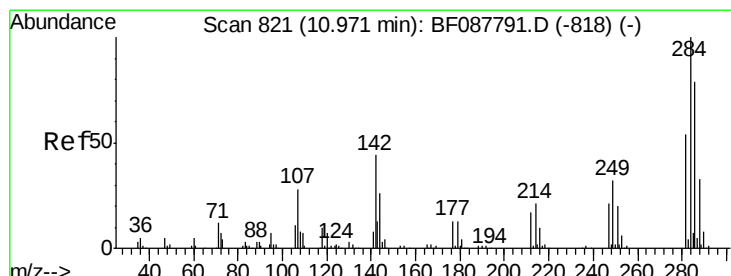
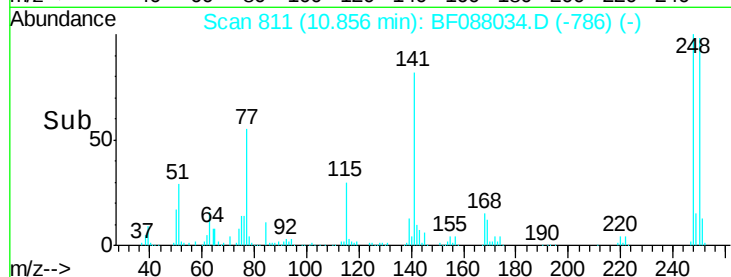
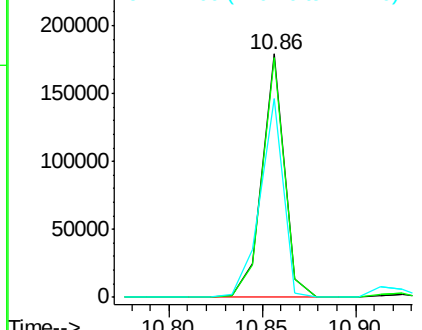
#66
 4-Bromophenyl-phenylether
 Concen: 45.26 ng
 RT: 10.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF088034.D
 Acq: 15 Jun 2016 8:42

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-50-060616MS

Tgt Ion:248 Resp: 150093
 Ion Ratio Lower Upper
 248 100
 250 98.3 77.1 115.7
 141 81.7 50.6 76.0#

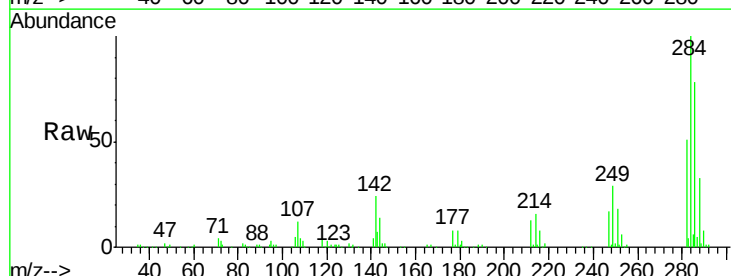


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

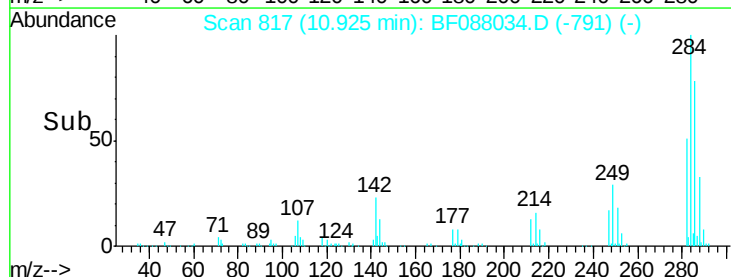
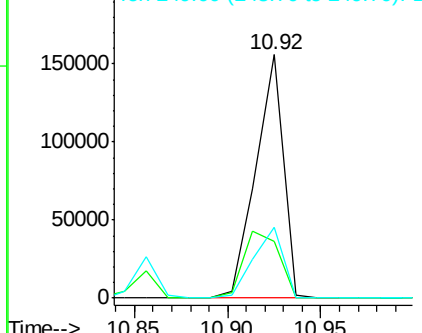


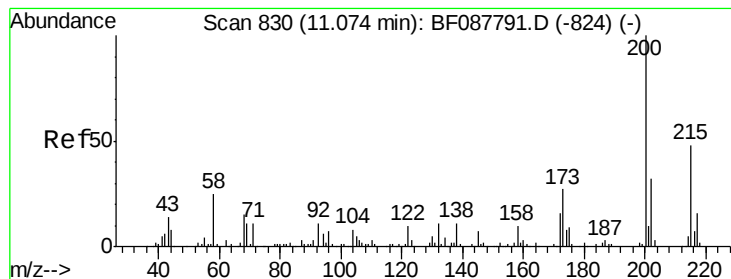
#67
 Hexachlorobenzene
 Concen: 46.20 ng
 RT: 10.92 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BF088034.D
 Acq: 15 Jun 2016 8:42

Tgt Ion:284 Resp: 159196
 Ion Ratio Lower Upper
 284 100
 142 23.5 35.8 53.8#
 249 29.0 25.8 38.6



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: 26.01 ng

RT: 11.02 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

Instrument :

BNA_F

ClientSampleId :

HSR-WC-50-060616MS

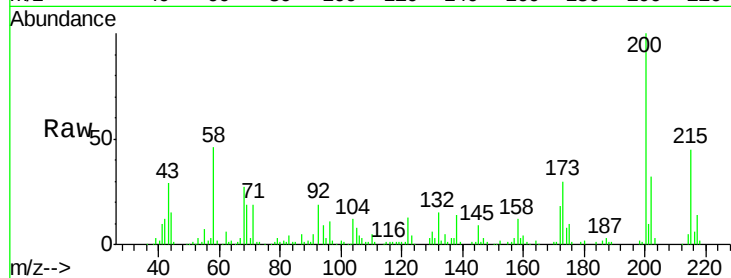
Tgt Ion:200 Resp: 80796

Ion Ratio Lower Upper

200 100

173 29.8 4.0 44.0

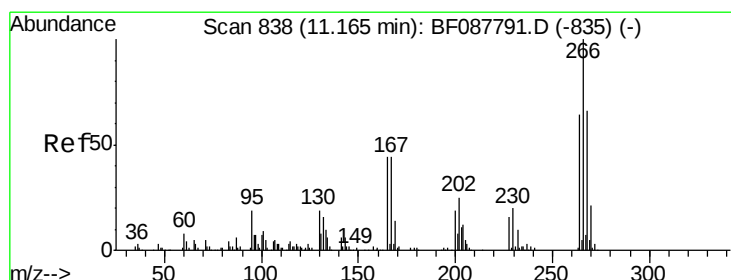
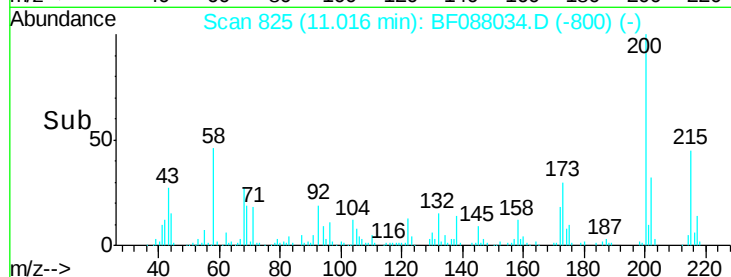
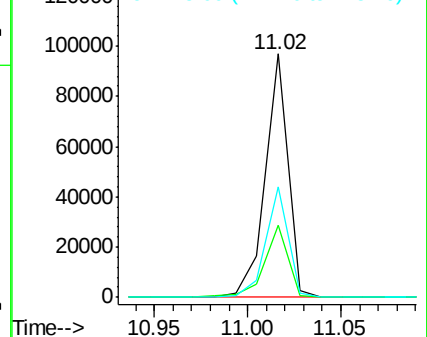
215 45.5 29.3 69.3



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: 87.57 ng

RT: 11.12 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

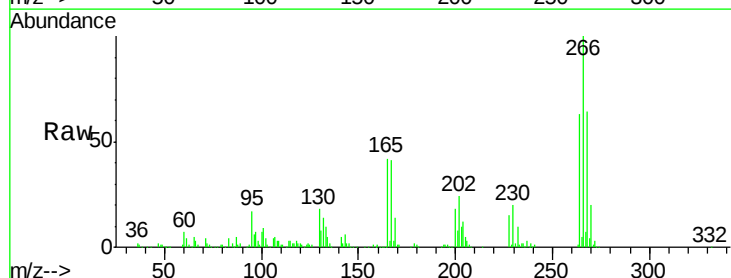
Tgt Ion:266 Resp: 159046

Ion Ratio Lower Upper

266 100

268 63.9 52.8 79.2

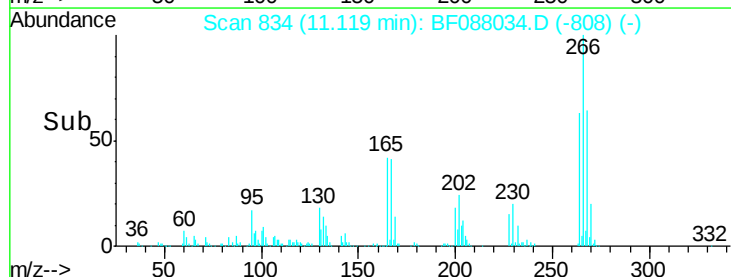
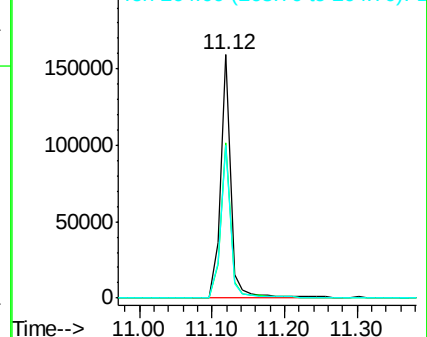
264 62.7 49.6 74.4

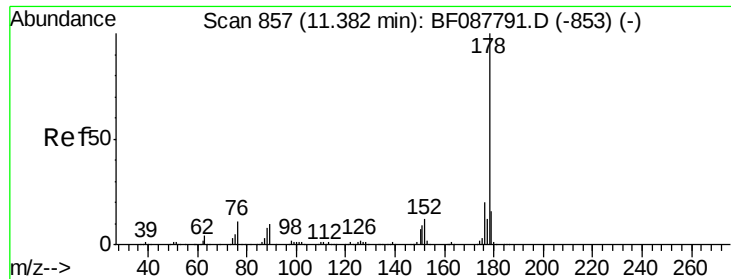


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

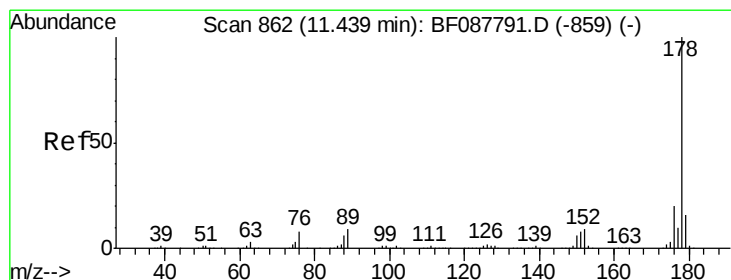
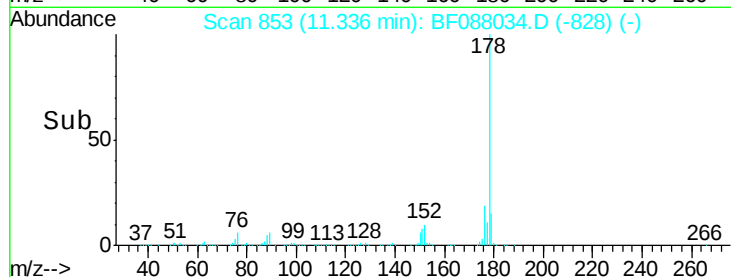
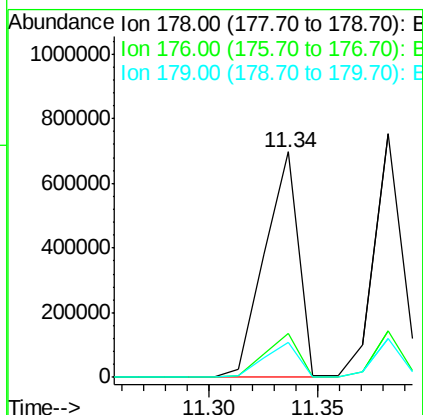
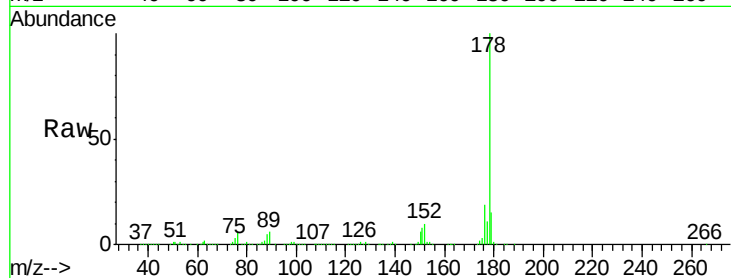




#70
Phenanthrene
Concen: 47.14 ng
RT: 11.34 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

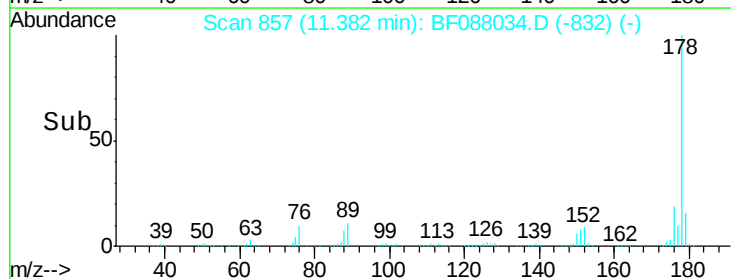
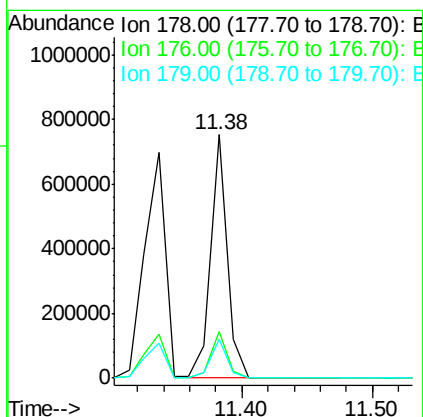
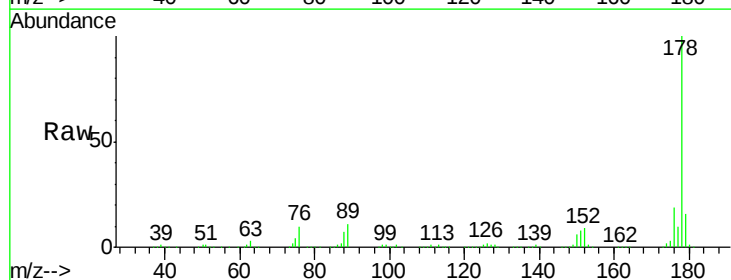
Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MS

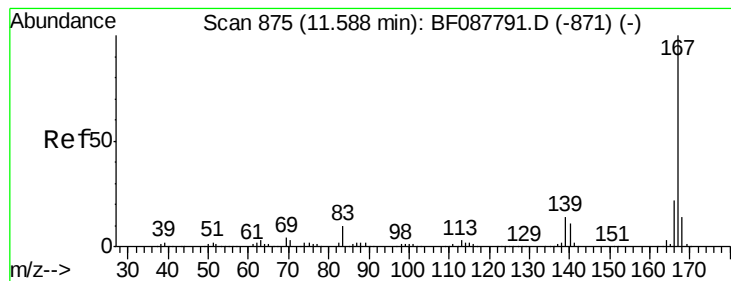
Tgt Ion:178 Resp: 764635
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.6
179 15.4 13.0 19.4



#71
Anthracene
Concen: 41.14 ng
RT: 11.38 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Tgt Ion:178 Resp: 673026
Ion Ratio Lower Upper
178 100
176 19.1 15.6 23.4
179 16.0 12.8 19.2





#72

Carbazole

Concen: 46.54 ng

RT: 11.54 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

Instrument :

BNA_F

ClientSampleId :

HSR-WC-50-060616MS

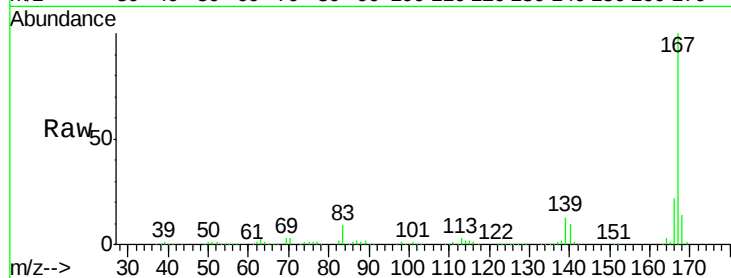
Tgt Ion:167 Resp: 712505

Ion Ratio Lower Upper

167 100

166 21.8 17.8 26.6

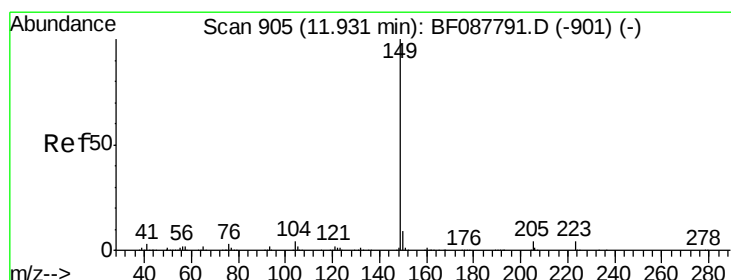
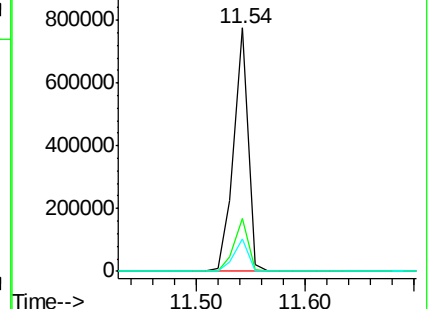
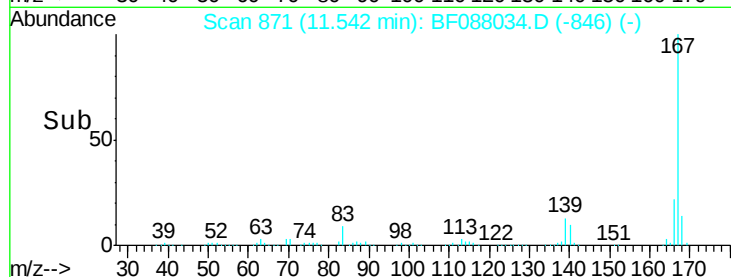
139 13.3 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 43.51 ng

RT: 11.87 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

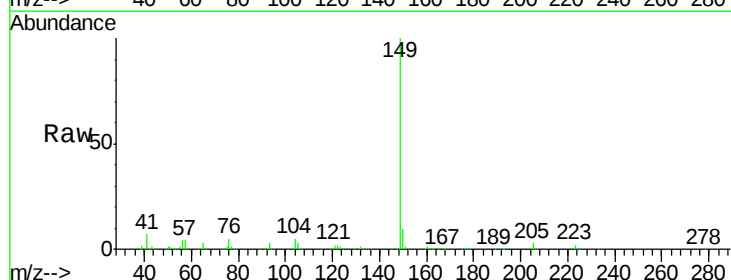
Tgt Ion:149 Resp: 843317

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

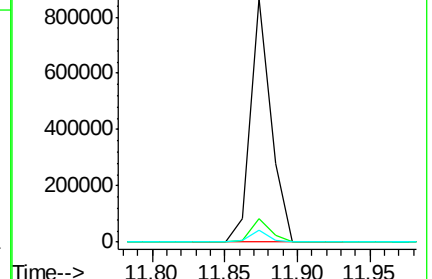
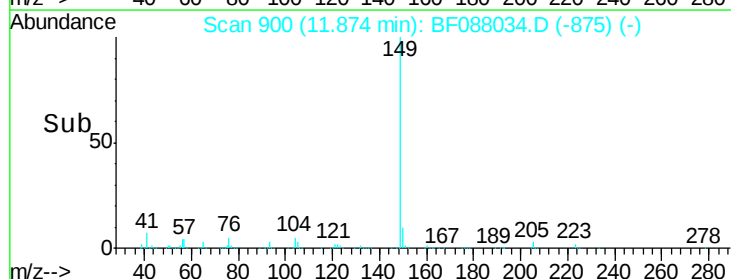
104 5.0 4.0 6.0

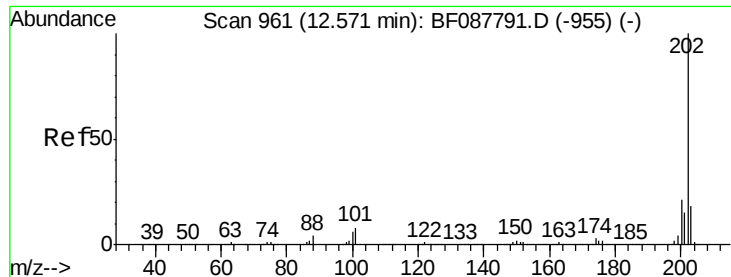


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

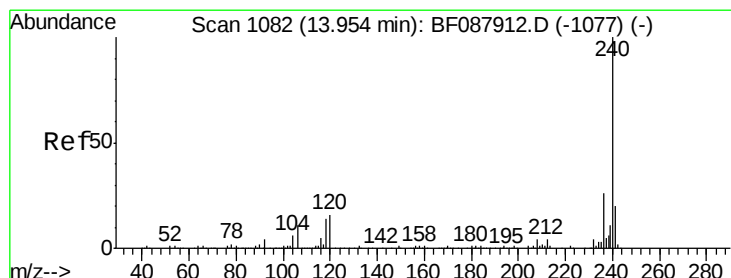
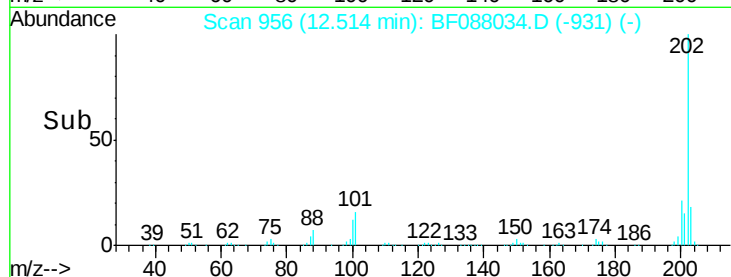
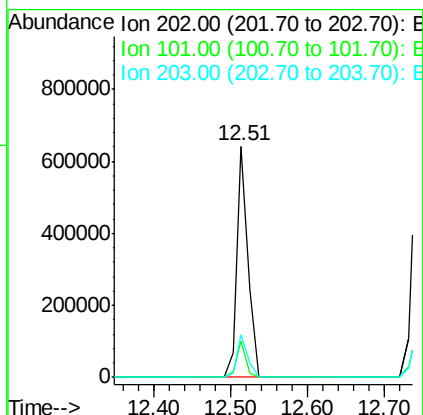
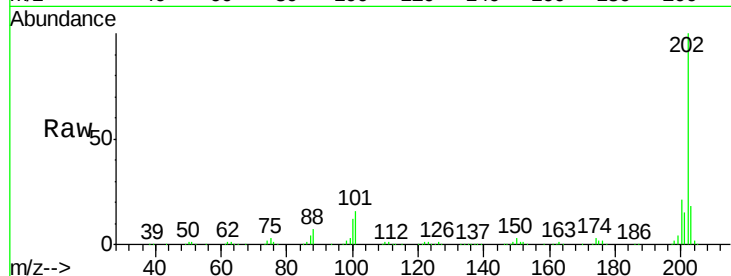




#74
 Fluoranthene
 Concen: 38.56 ng
 RT: 12.51 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF088034.D
 Acq: 15 Jun 2016 8:42

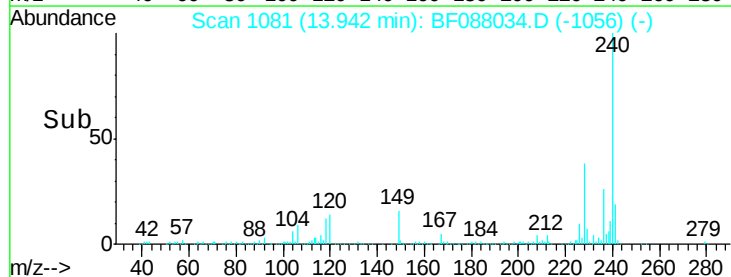
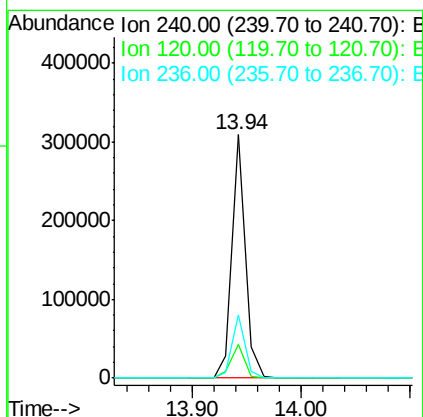
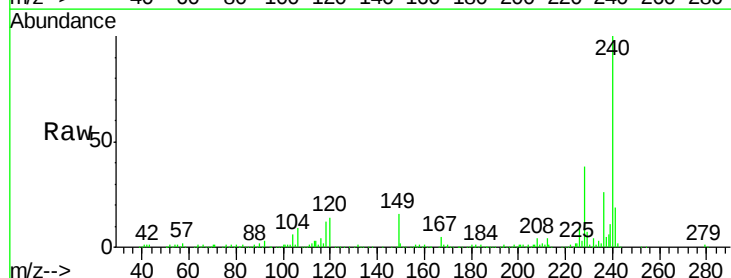
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-50-060616MS

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.7	0.0	33.1
203	18.4	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.94 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BF088034.D
 Acq: 15 Jun 2016 8:42

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.9	6.8	10.2#
236	25.8	20.2	30.2





#76

Benzidine

Concen: 23.71 ng

RT: 12.64 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

Instrument :

BNA_F

ClientSampleId :

HSR-WC-50-060616MS

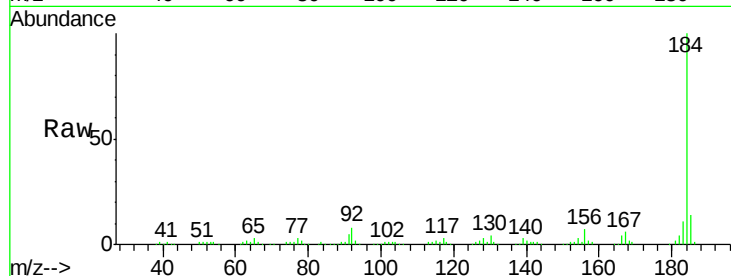
Tgt Ion:184 Resp: 171945

Ion Ratio Lower Upper

184 100

185 14.3 12.5 18.7

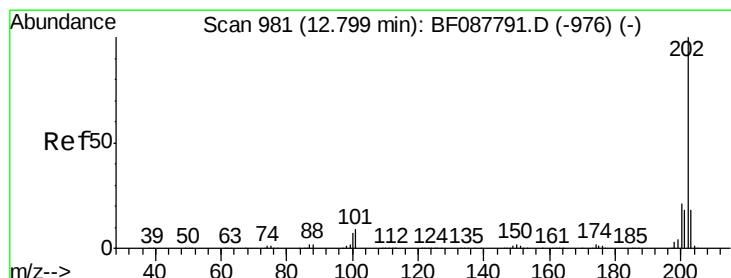
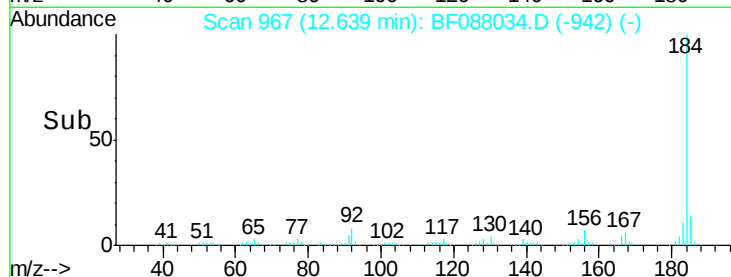
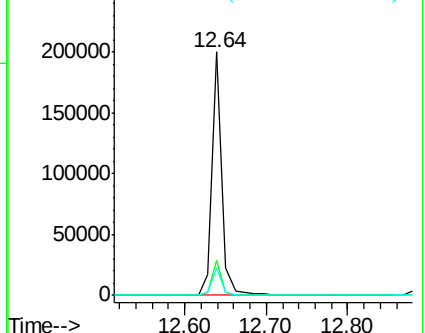
183 11.3 9.3 13.9



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

Pyrene

Concen: 34.41 ng

RT: 12.74 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

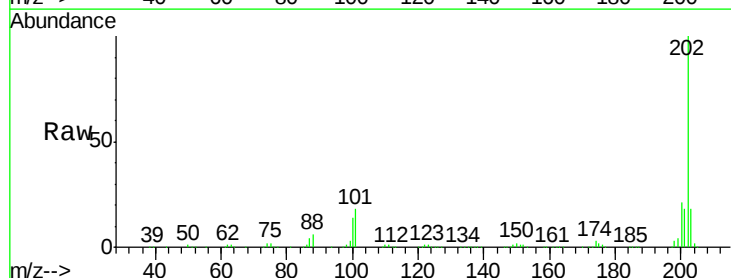
Tgt Ion:202 Resp: 668681

Ion Ratio Lower Upper

202 100

200 21.3 17.4 26.2

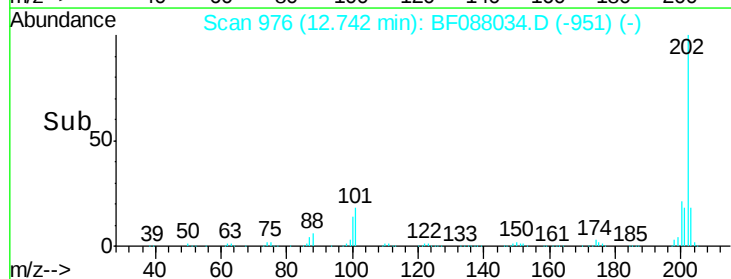
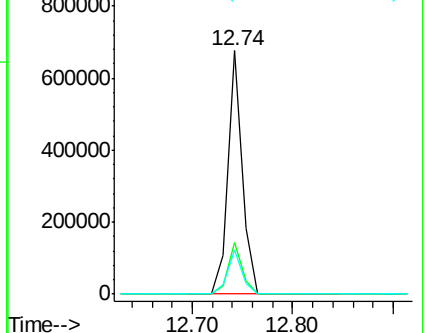
203 17.9 14.5 21.7

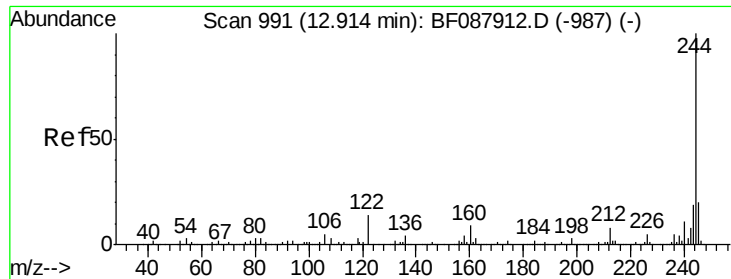


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

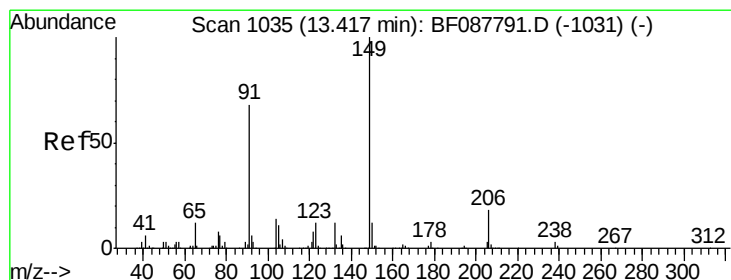
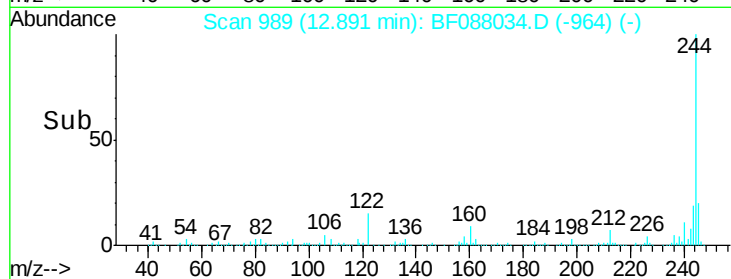
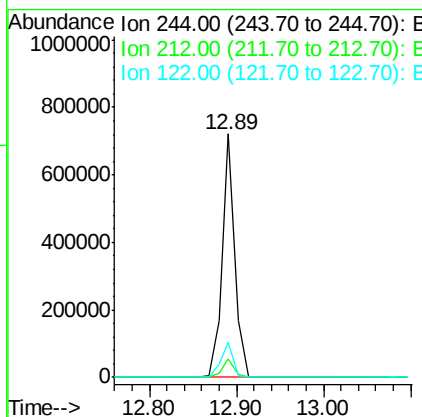
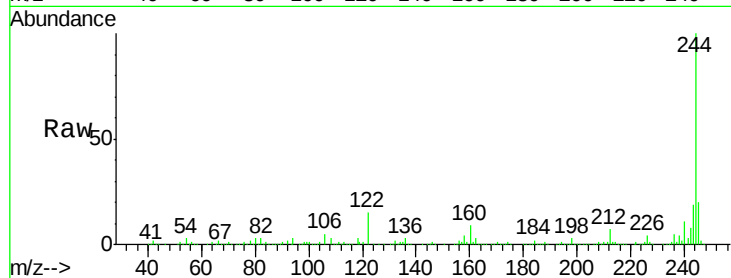




#78
 Terphenyl-d14
 Concen: 63.66 ng
 RT: 12.89 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF088034.D
 Acq: 15 Jun 2016 8:42

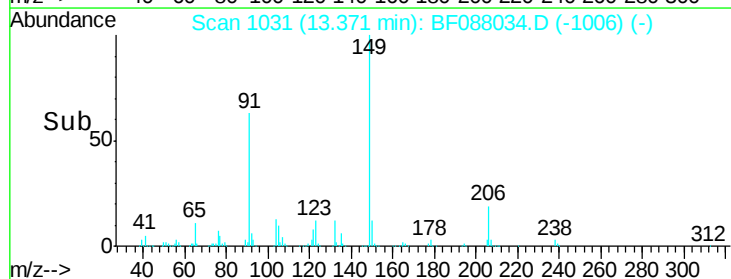
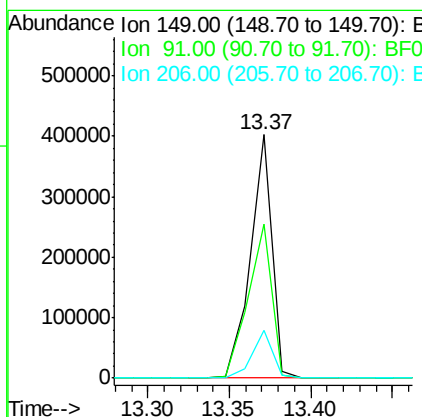
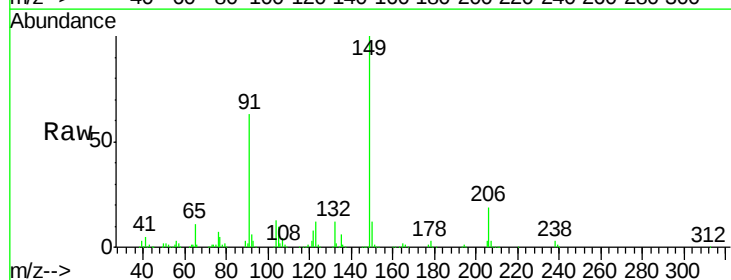
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-50-060616MS

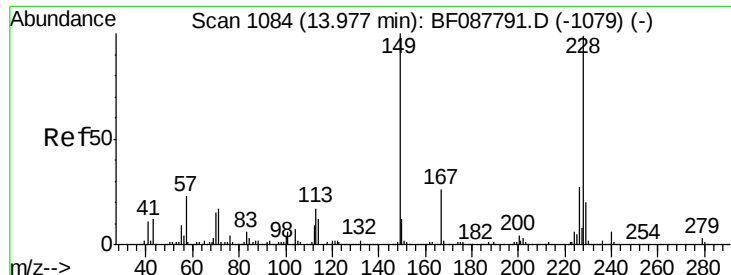
Tgt Ion: 244 Resp: 732690
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 14.6 11.2 16.8



#79
 Butylbenzylphthalate
 Concen: 42.81 ng
 RT: 13.37 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF088034.D
 Acq: 15 Jun 2016 8:42

Tgt Ion: 149 Resp: 367821
 Ion Ratio Lower Upper
 149 100
 91 63.5 48.0 72.0
 206 19.4 16.0 24.0





#80

Benzo(a)anthracene

Concen: 39.52 ng

RT: 13.93 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

Instrument :

BNA_F

ClientSampleId :

HSR-WC-50-060616MS

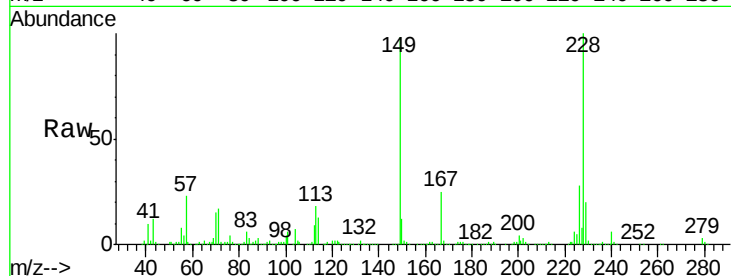
Tgt Ion:228 Resp: 589729

Ion Ratio Lower Upper

228 100

226 27.6 22.3 33.5

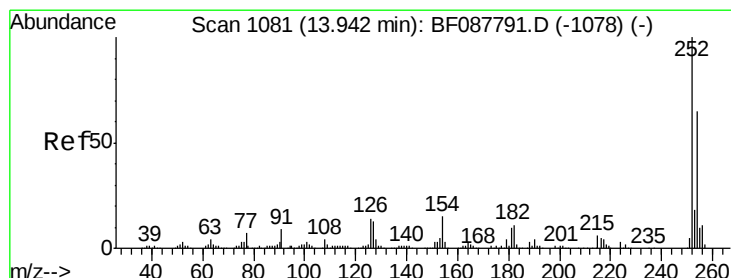
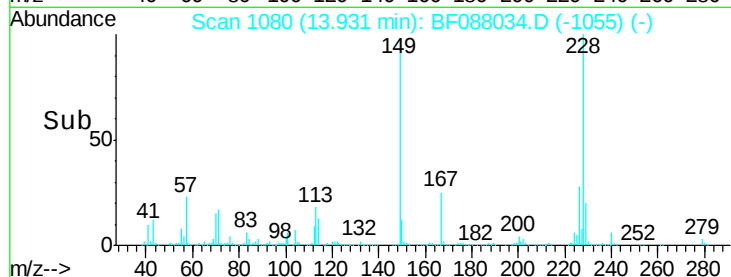
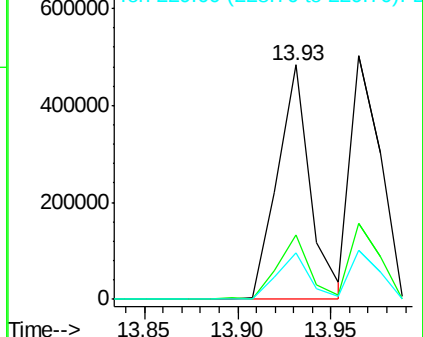
229 19.9 16.0 24.0



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: 44.04 ng

RT: 13.90 min Scan# 1077

Delta R.T. -0.01 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

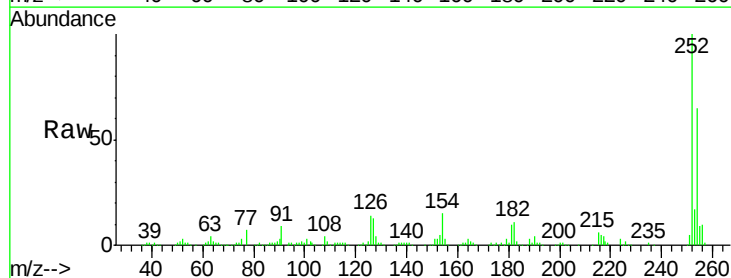
Tgt Ion:252 Resp: 176742

Ion Ratio Lower Upper

252 100

254 64.5 52.6 78.8

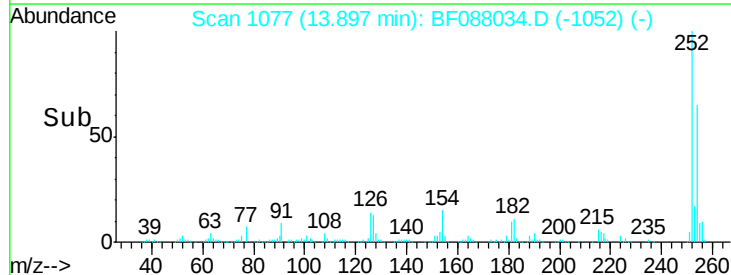
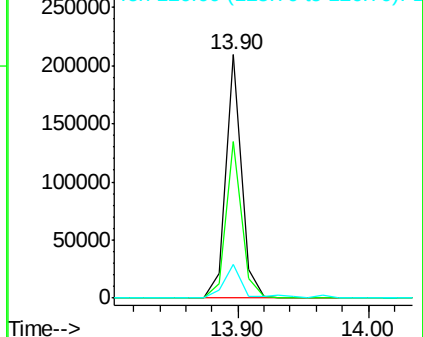
126 13.7 6.2 9.2#

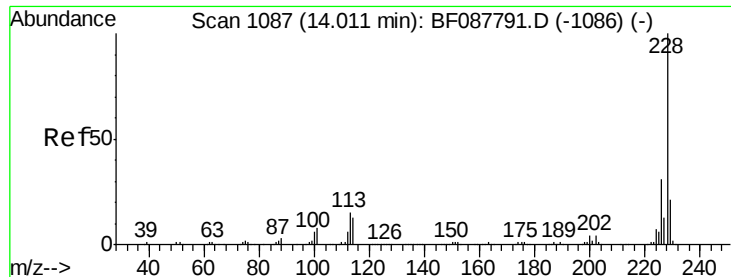


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 40.20 ng

RT: 13.97 min Scan# 1083

Delta R.T. -0.01 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

Instrument :

BNA_F

ClientSampleId :

HSR-WC-50-060616MS

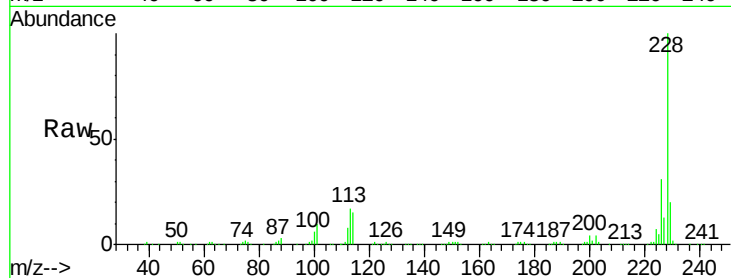
Tgt Ion: 228 Resp: 564369

Ion Ratio Lower Upper

228 100

226 31.0 25.4 38.2

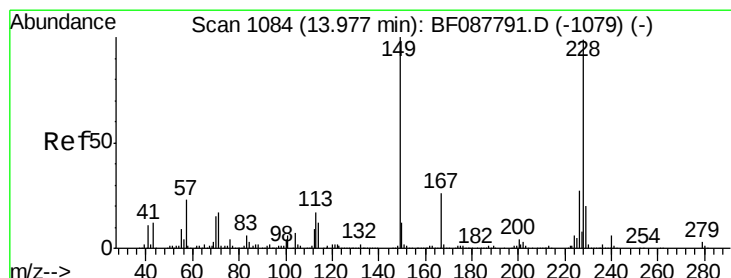
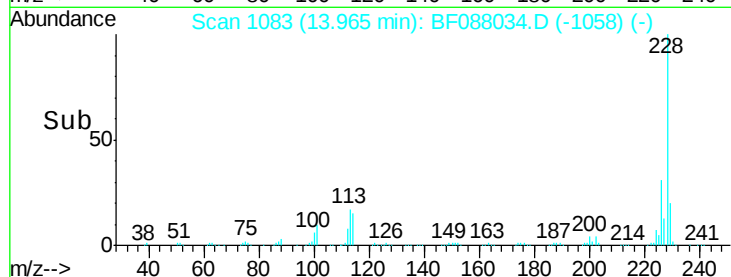
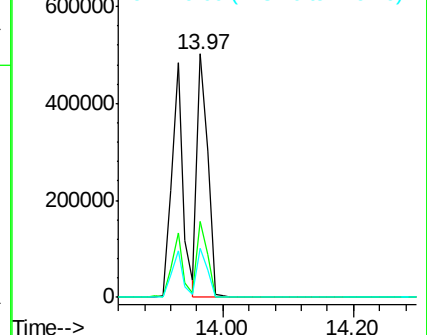
229 20.2 16.3 24.5



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: 41.04 ng

RT: 13.93 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

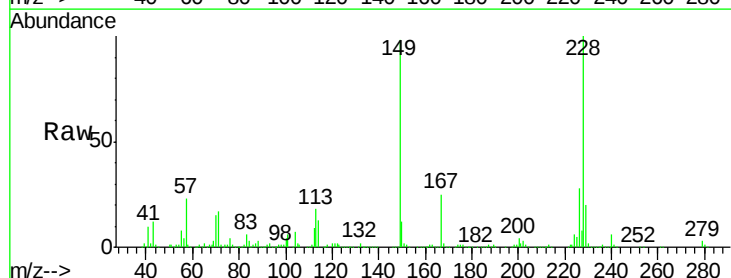
Tgt Ion: 149 Resp: 429276

Ion Ratio Lower Upper

149 100

167 25.8 20.5 30.7

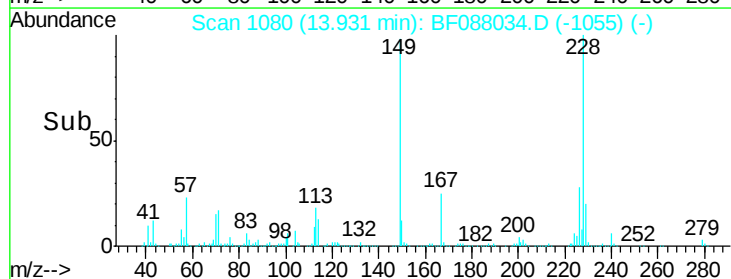
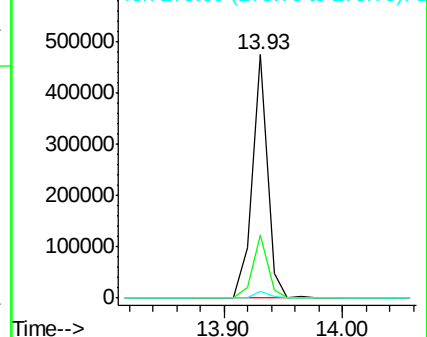
279 2.9 2.0 3.0

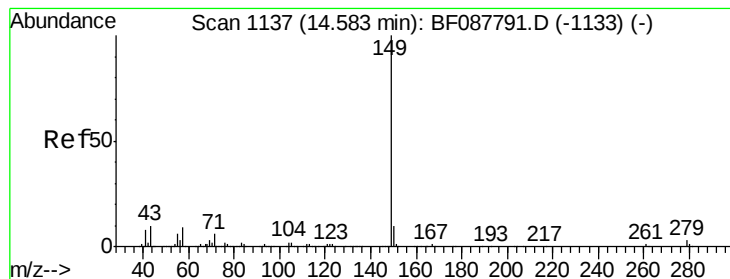


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 50.81 ng

RT: 14.54 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

Instrument :

BNA_F

ClientSampleId :

HSR-WC-50-060616MS

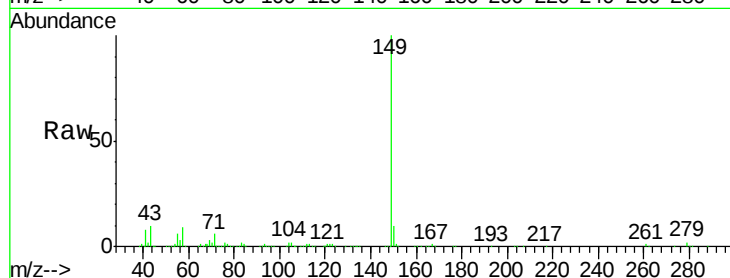
Tgt Ion:149 Resp: 863494

Ion Ratio Lower Upper

149 100

167 1.6 0.0 0.0#

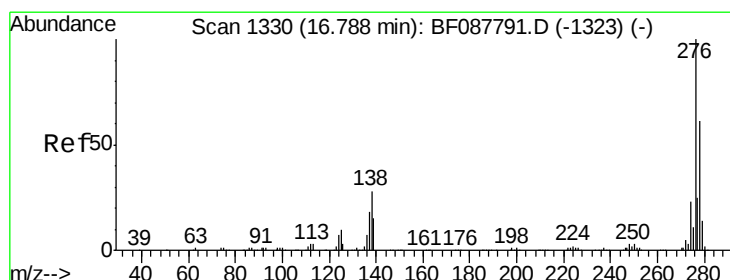
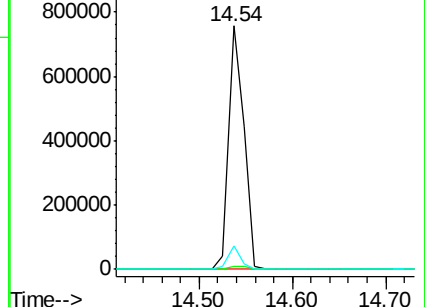
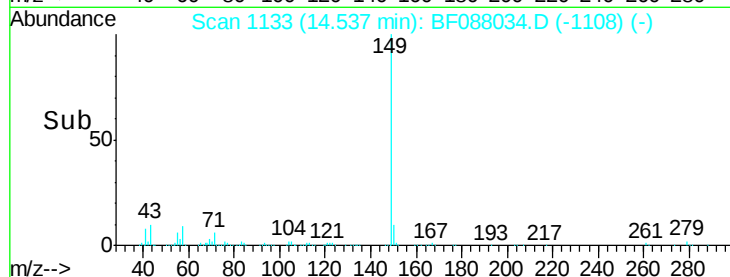
43 8.2 0.0 0.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 36.03 ng

RT: 16.71 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF088034.D

Acq: 15 Jun 2016 8:42

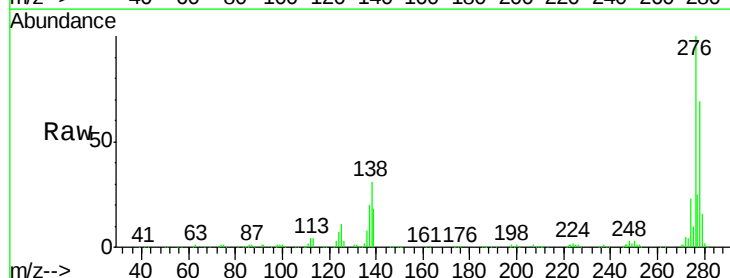
Tgt Ion:276 Resp: 469941

Ion Ratio Lower Upper

276 100

138 31.1 0.0 0.0#

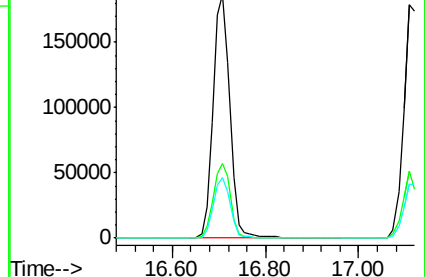
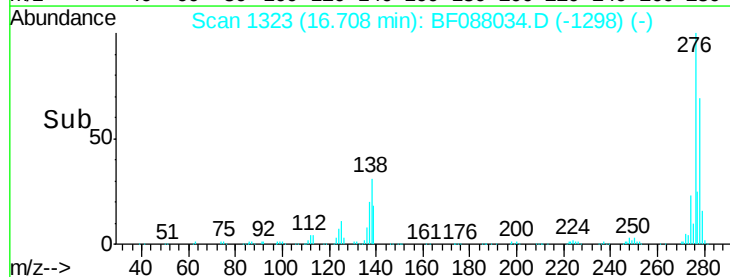
277 25.0 0.0 0.0#

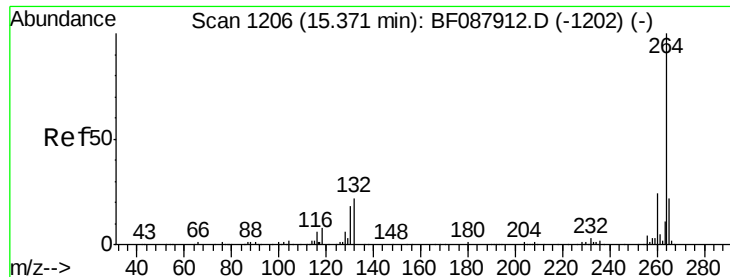


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

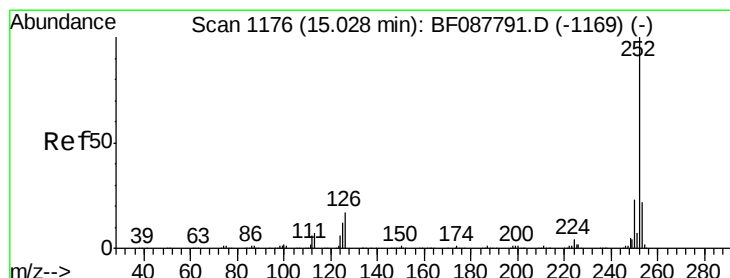
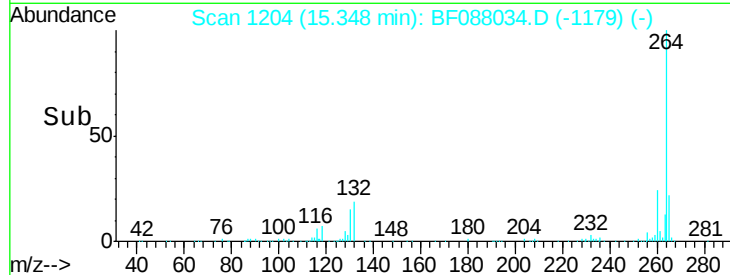
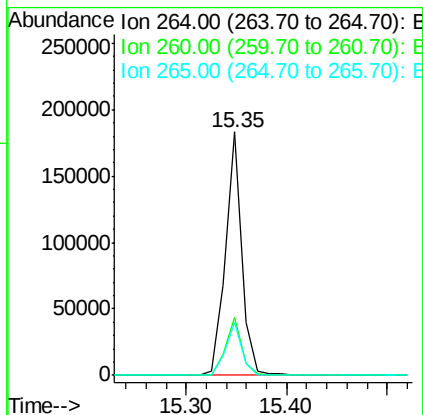
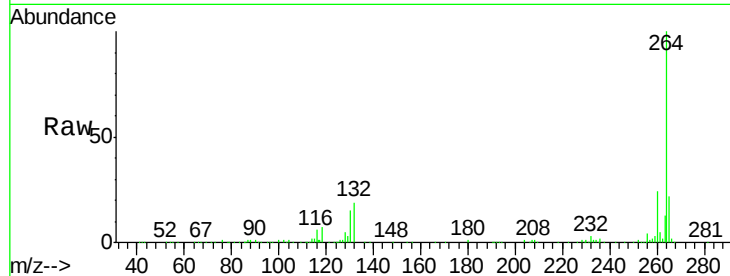




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF088034.D
 Acq: 15 Jun 2016 8:42

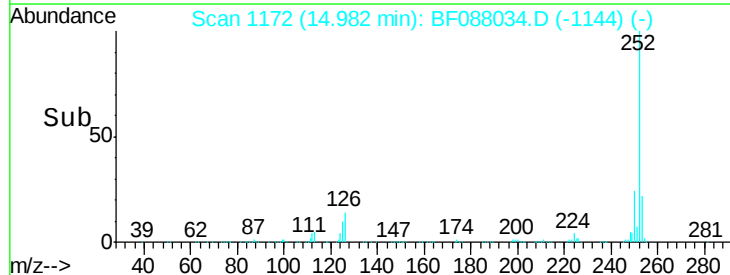
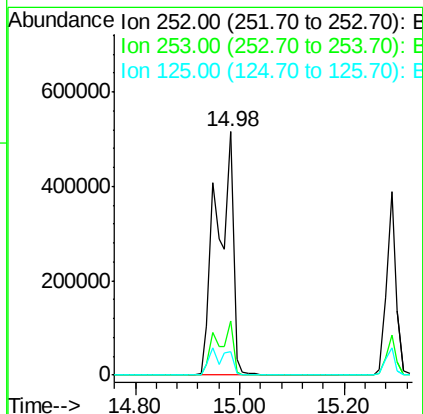
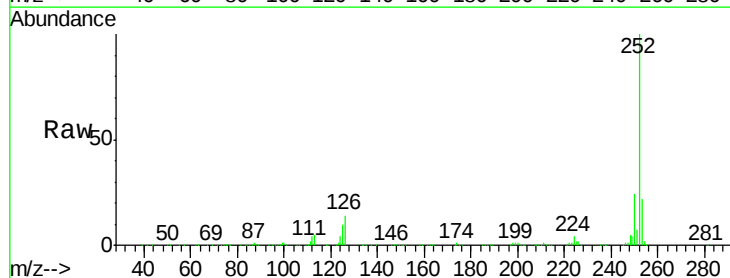
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-50-060616MS

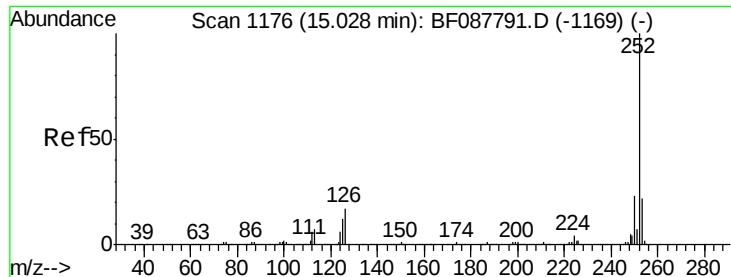
Tgt Ion: 264 Resp: 206368
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.7 16.9 25.3



#87
 Benzo(b)fluoranthene
 Concen: 78.45 ng
 RT: 14.98 min Scan# 1172
 Delta R.T. 0.02 min
 Lab File: BF088034.D
 Acq: 15 Jun 2016 8:42

Tgt Ion: 252 Resp: 1128347
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.4 26.2
 125 9.6 7.1 10.7

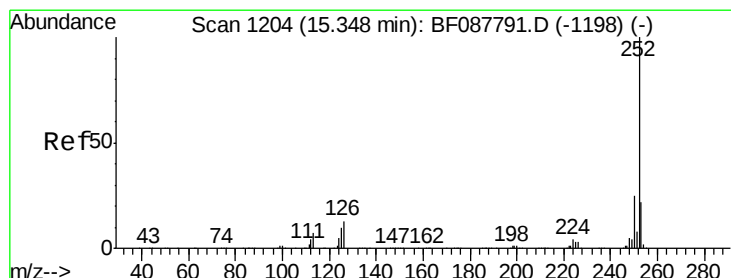
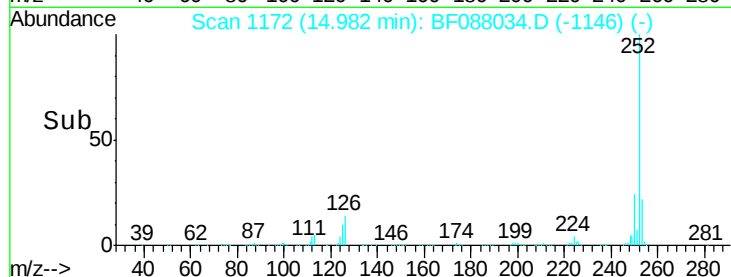
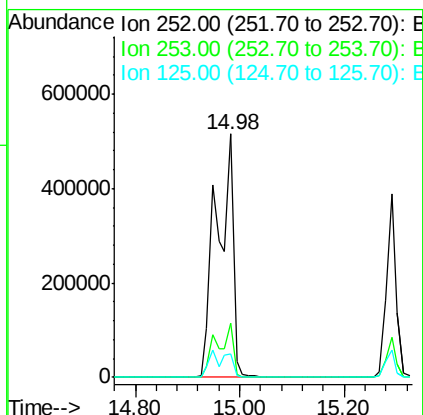
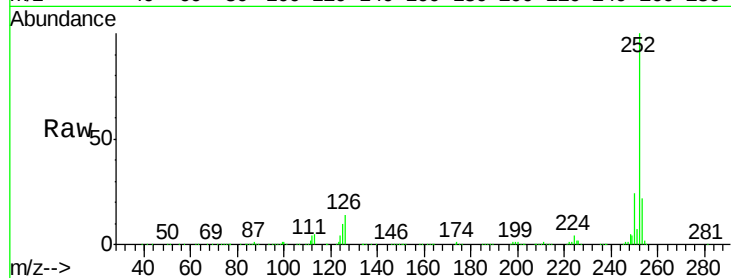




#88
Benzo(k)fluoranthene
Concen: 103.99 ng
RT: 14.98 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

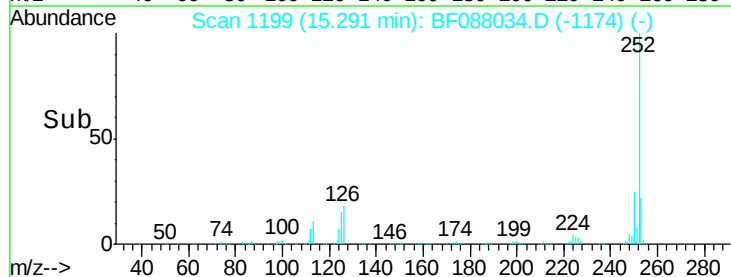
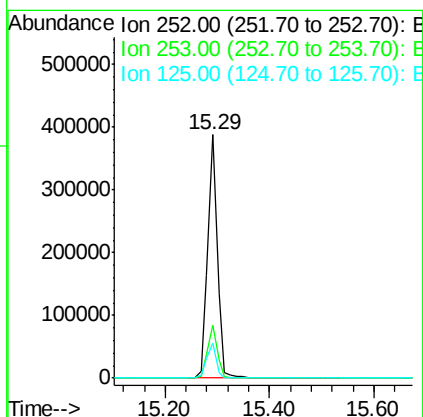
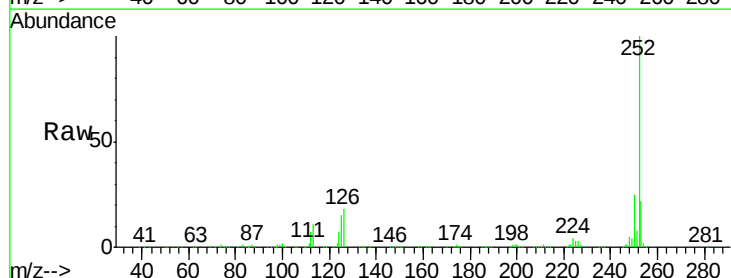
Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MS

Tgt Ion:252 Resp: 1128347
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 9.6 11.2 16.8#



#89
Benzo(a)pyrene
Concen: 42.87 ng
RT: 15.29 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Tgt Ion:252 Resp: 498901
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 14.6 12.5 18.7

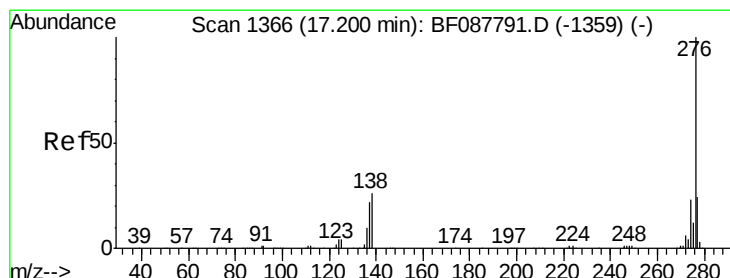
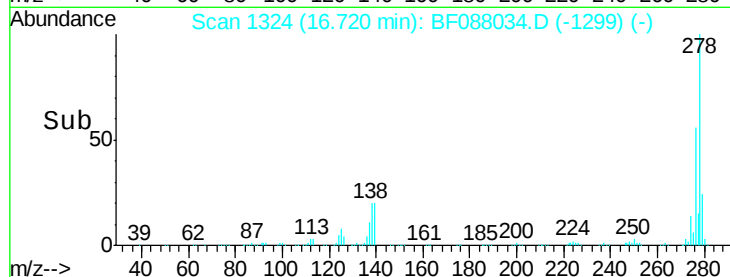
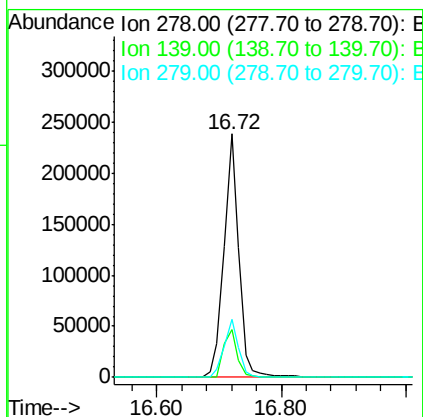
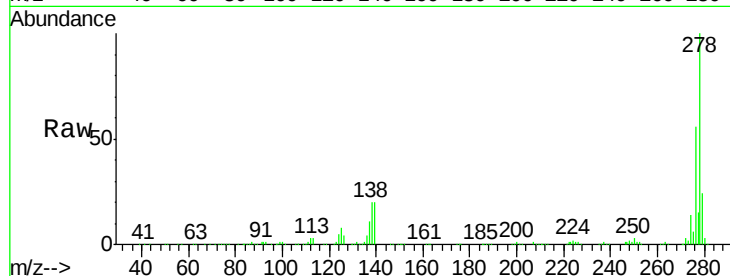




#90
Dibenzo(a,h)anthracene
Concen: 36.75 ng
RT: 16.72 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Instrument :
BNA_F
ClientSampleId :
HSR-WC-50-060616MS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.8	15.7	23.5
279	23.9	19.4	29.2



#91
Benzo(g,h,i)perylene
Concen: 35.30 ng
RT: 17.11 min Scan# 1358
Delta R.T. -0.02 min
Lab File: BF088034.D
Acq: 15 Jun 2016 8:42

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.9	28.3
138	28.7	21.4	32.2

