

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061516\
 Data File : BF088053.D
 Acq On : 16 Jun 2016 00:31
 Operator : UM/SJ
 Sample : H3510-01MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-52-060916MS

Quant Time: Jun 16 03:11:14 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	6.74	152	112257	20.00	ng	-0.05
21) Naphthalene-d8	8.03	136	463094	20.00	ng	-0.05
38) Acenaphthene-d10	9.78	164	195789	20.00	ng	-0.06
63) Phenanthrene-d10	11.27	188	324129	20.00	ng	-0.05
75) Chrysene-d12	13.90	240	221058	20.00	ng	-0.06
86) Perylene-d12	15.29	264	224211	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	711650	108.38	ng	-0.02
7) Phenol-d6	6.40	99	880852	110.69	ng	-0.03
23) Nitrobenzene-d5	7.31	82	610234	76.95	ng	-0.05
41) 2,4,6-Tribromophenol	10.58	330	212248	102.67	ng	-0.05
44) 2-Fluorobiphenyl	9.12	172	1150963	92.86	ng	-0.05
78) Terphenyl-d14	12.85	244	695729	71.62	ng	-0.06

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	108202	33.91	ng	# 87
3) Pyridine	3.13	79	165482	21.97	ng	93
4) n-Nitrosodimethylamine	3.06	42	127270	39.89	ng	80
6) Aniline	6.41	93	143205	12.64	ng	# 1
8) 2-Chlorophenol	6.54	128	326896	42.06	ng	88
10) Phenol	6.41	94	355940	43.22	ng	89
11) bis(2-Chloroethyl)ether	6.49	93	305958	43.85	ng	88
12) 1,3-Dichlorobenzene	6.68	146	324368	38.90	ng	97
13) 1,4-Dichlorobenzene	6.76	146	349360	41.59	ng	98
14) 1,2-Dichlorobenzene	6.76	146	349360	45.73	ng	98
15) Benzyl Alcohol	6.90	79	236031	37.91	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.04	45	374535	39.73	ng	87
17) 2-Methylphenol	7.02	107	253981	40.29	ng	99
18) Hexachloroethane	7.26	117	117635	39.46	ng	93
19) n-Nitroso-di-n-propylamine	7.18	70	210438	41.34	ng	# 84
20) 3+4-Methylphenols	7.18	107	307711	41.84	ng	# 79
22) Acetophenone	7.16	105	412830	39.89	ng	# 95
24) Nitrobenzene	7.34	77	350985	45.69	ng	95
25) Isophorone	7.58	82	579658	39.46	ng	100
26) 2-Nitrophenol	7.66	139	177208	43.06	ng	# 72
27) 2,4-Dimethylphenol	7.70	122	319112	42.12	ng	96
28) bis(2-Chloroethoxy)methane	7.79	93	404569	44.41	ng	97
29) 2,4-Dichlorophenol	7.90	162	256184	40.50	ng	100
30) 1,2,4-Trichlorobenzene	7.98	180	271420	39.40	ng	99
31) Naphthalene	8.06	128	971233	42.38	ng	99
32) Benzoic acid	7.85	122	196774	47.16	ng	95
33) 4-Chloroaniline	8.11	127	53869	5.26	ng	96
34) Hexachlorobutadiene	8.17	225	136997	37.71	ng	98
35) Caprolactam	8.49	113	55313	26.40	ng	86
36) 4-Chloro-3-methylphenol	8.60	107	268221	39.65	ng	96
37) 2-Methylnaphthalene	8.74	142	588355	38.95	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	243849	49.55	ng	# 1
40) Hexachlorocyclopentadiene	8.90	237	103517	32.78	ng	99
42) 2,4,6-Trichlorophenol	9.03	196	168931	43.15	ng	96

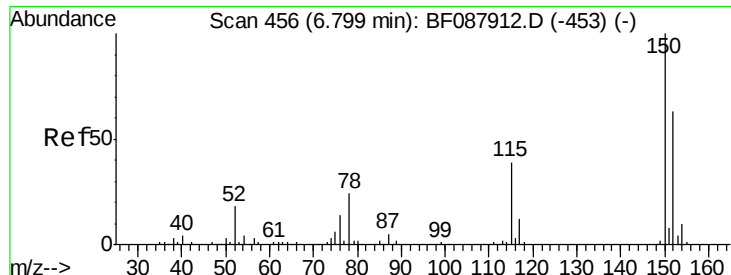
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061516\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.08	196	174125	42.75	ng	# 93
45) 1,1'-Biphenyl	9.21	154	658081	44.74	ng	99
46) 2-Chloronaphthalene	9.23	162	516762	40.79	ng	100
47) 2-Nitroaniline	9.34	65	170709	45.68	ng	# 83
48) Acenaphthylene	9.64	152	807567	40.07	ng	100
49) Dimethylphthalate	9.52	163	611089	43.09	ng	100
50) 2,6-Dinitrotoluene	9.58	165	134081	41.28	ng	# 65
51) Acenaphthene	9.82	154	513426	40.84	ng	98
52) 3-Nitroaniline	9.75	138	39716	10.60	ng	# 70
53) 2,4-Dinitrophenol	9.85	184	98827	59.63	ng	# 90
54) Dibenzofuran	9.99	168	667912	38.58	ng	# 89
55) 4-Nitrophenol	9.92	139	174152	59.87	ng	89
56) 2,4-Dinitrotoluene	9.99	165	178447	42.75	ng	# 88
57) Fluorene	10.33	166	476520	40.21	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.11	232	137204	42.86	ng	# 54
59) Diethylphthalate	10.22	149	611852	42.62	ng	100
60) 4-Chlorophenyl-phenylether	10.33	204	236929	41.15	ng	# 87
61) 4-Nitroaniline	10.36	138	130776	36.79	ng	81
62) Azobenzene	10.49	77	590952	41.63	ng	86
64) 4,6-Dinitro-2-methylphenol	10.39	198	72924	36.58	ng	92
65) n-Nitrosodiphenylamine	10.44	169	479097	44.55	ng	99
66) 4-Bromophenyl-phenylether	10.81	248	147950	42.55	ng	# 81
67) Hexachlorobenzene	10.88	284	157384	43.56	ng	# 90
68) Atrazine	10.98	200	141096	43.32	ng	96
69) Pentachlorophenol	11.07	266	150936	79.25	ng	98
70) Phenanthrene	11.29	178	753249	44.29	ng	99
71) Anthracene	11.34	178	698323	40.70	ng	99
72) Carbazole	11.50	167	636337	39.63	ng	100
73) Di-n-butylphthalate	11.84	149	904462	44.50	ng	# 97
74) Fluoranthene	12.47	202	647043	36.05	ng	97
76) Benzidine	12.59	184	95199	15.55	ng	98
77) Pyrene	12.70	202	621948	37.91	ng	100
79) Butylbenzylphthalate	13.33	149	335997	46.33	ng	91
80) Benzo(a)anthracene	13.89	228	520078	41.29	ng	100
81) 3,3'-Dichlorobenzidine	13.85	252	143754	42.44	ng	# 96
82) Chrysene	13.92	228	500053	42.19	ng	99
83) Bis(2-ethylhexyl)phthalate	13.89	149	379072	42.94	ng	100
84) Di-n-octyl phthalate	14.49	149	751919	52.41	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.63	276	521715	47.38	ng	# 100
87) Benzo(b)fluoranthene	14.90	252	1120227	71.68	ng	# 97
88) Benzo(k)fluoranthene	14.90	252	1120239	95.03	ng	98
89) Benzo(a)pyrene	15.23	252	535147	42.33	ng	100
90) Dibenzo(a,h)anthracene	16.64	278	439344	37.41	ng	99
91) Benzo(g,h,i)perylene	17.03	276	434933	36.01	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 451

Delta R.T. -0.05 min

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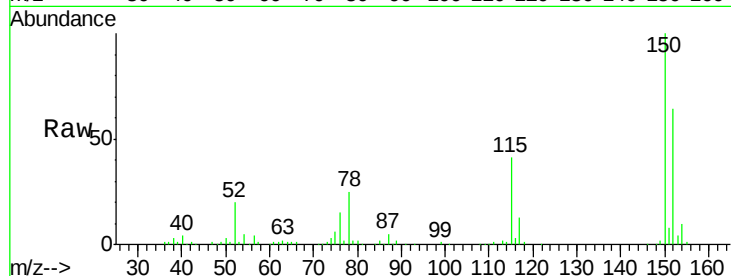
Tgt Ion:152 Resp: 112257

Ion Ratio Lower Upper

152 100

150 156.8 123.8 185.6

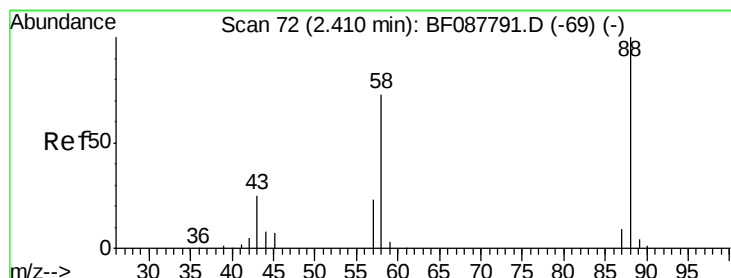
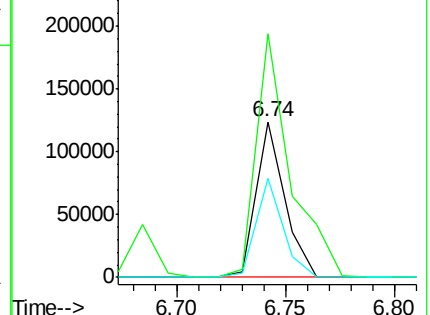
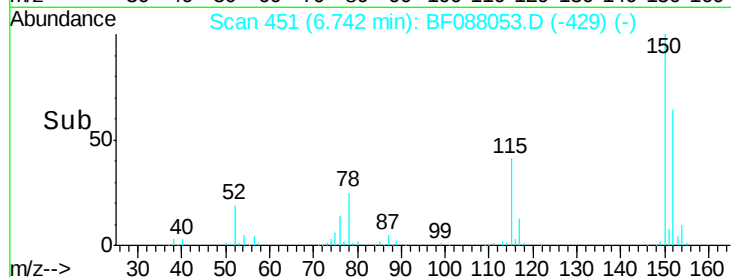
115 64.0 39.6 59.4#



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: 33.91 ng

RT: 2.48 min Scan# 78

Delta R.T. 0.16 min

Lab File: BF088053.D

Acq: 16 Jun 2016 00:31

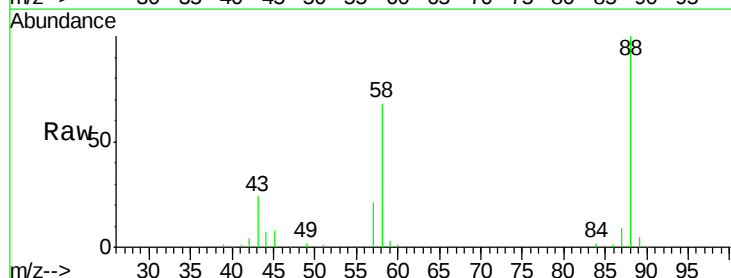
Tgt Ion: 88 Resp: 108202

Ion Ratio Lower Upper

88 100

58 70.6 0.0 0.0#

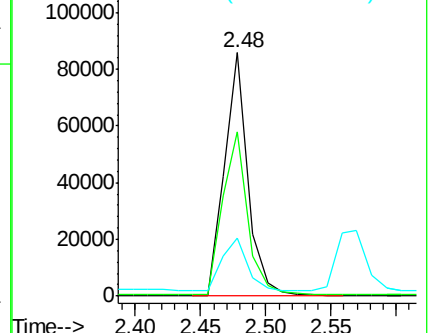
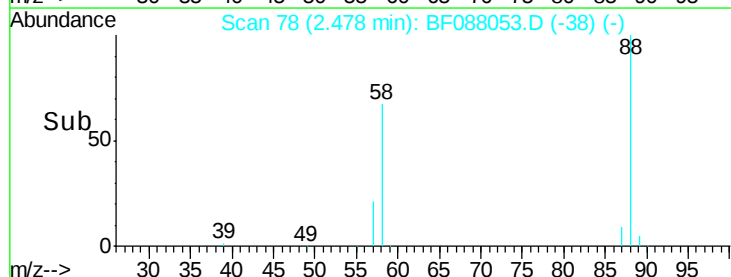
43 0.0 3.4 5.2#

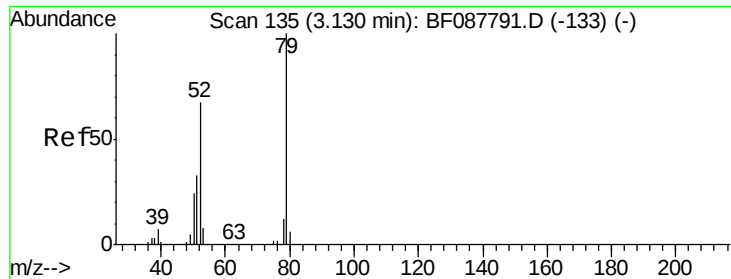


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 21.97 ng

RT: 3.13 min Scan# 135

Delta R.T. 0.10 min

Lab File: BF088053.D

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Instrument :

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ClientSampleId :

HSR-WC-52-060916MS

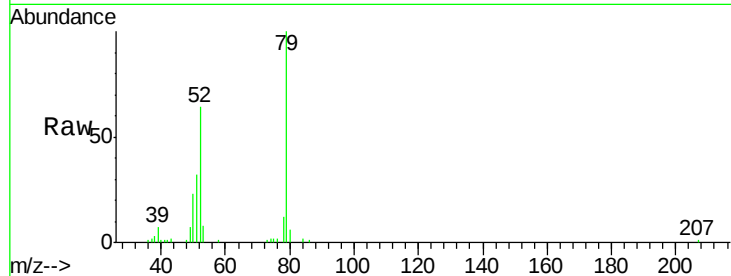
Tgt Ion: 79 Resp: 165482

Ion Ratio Lower Upper

79 100

52 63.8 56.3 84.5

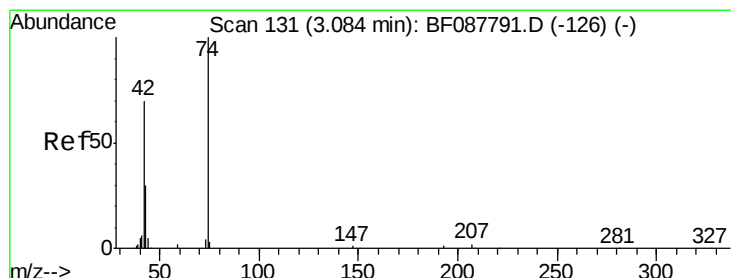
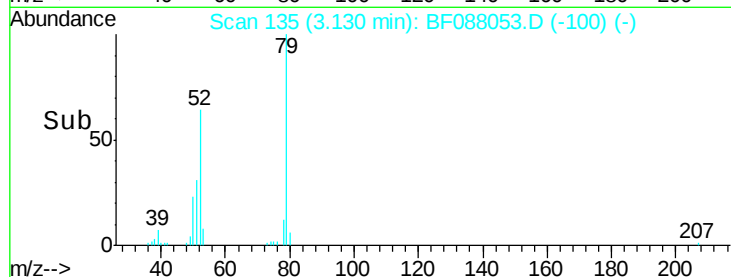
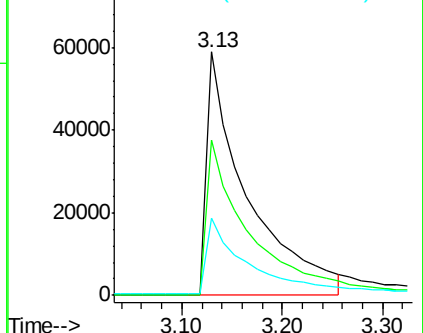
51 31.8 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 39.89 ng

RT: 3.06 min Scan# 129

Delta R.T. 0.09 min

Lab File: BF088053.D

Acq: 16 Jun 2016 00:31

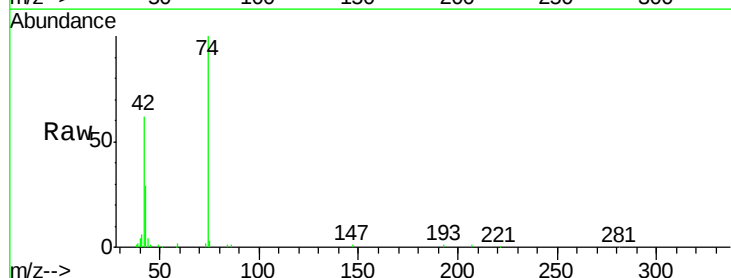
Tgt Ion: 42 Resp: 127270

Ion Ratio Lower Upper

42 100

74 160.7 108.6 163.0

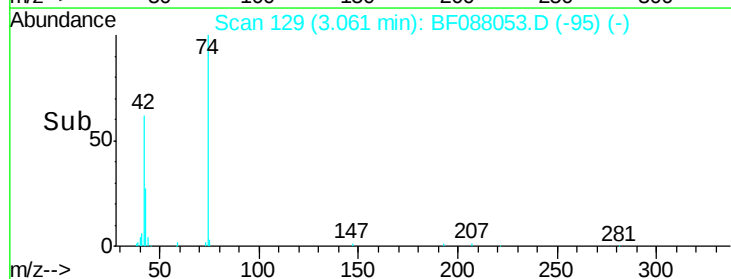
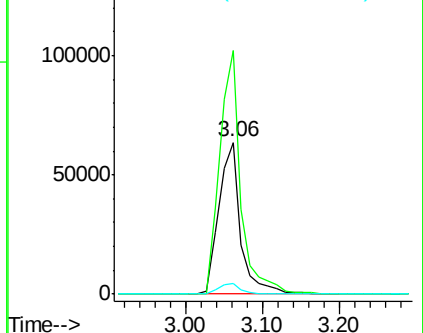
44 7.1 5.5 8.3

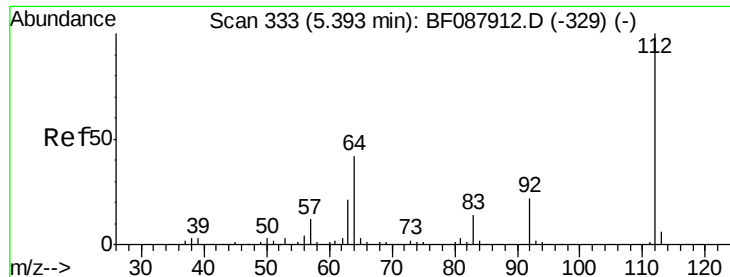


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 108.38 ng

RT: 5.36 min Scan# 330

Delta R.T. -0.02 min

Lab File: BF088053.D

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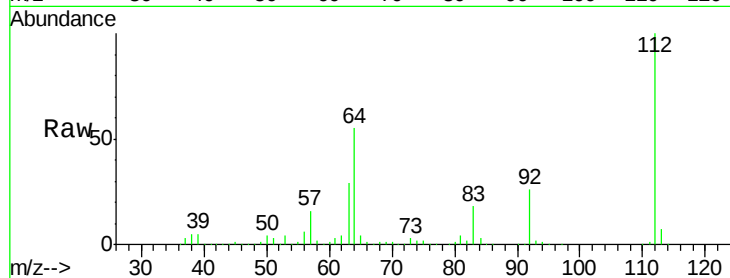
Tgt Ion: 112 Resp: 711650

Ion Ratio Lower Upper

112 100

64 55.0 42.2 63.2

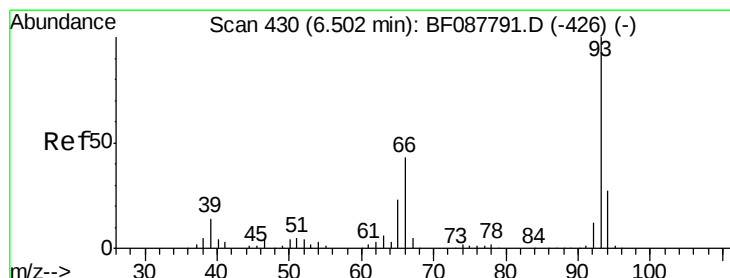
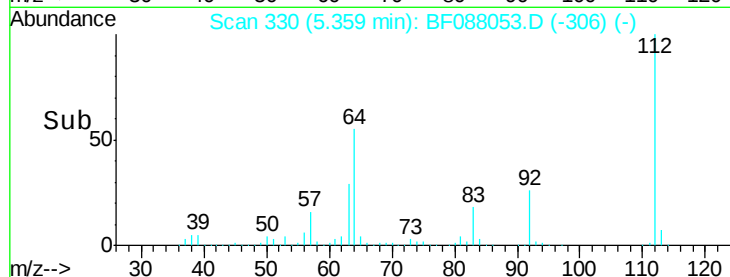
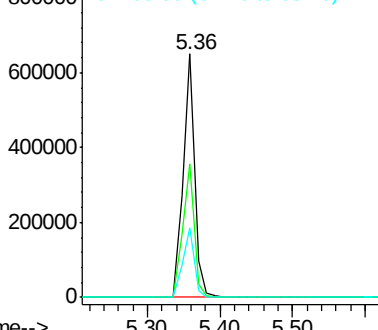
63 28.6 21.8 32.8



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: 12.64 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.05 min

Lab File: BF088053.D

Acq: 16 Jun 2016 00:31

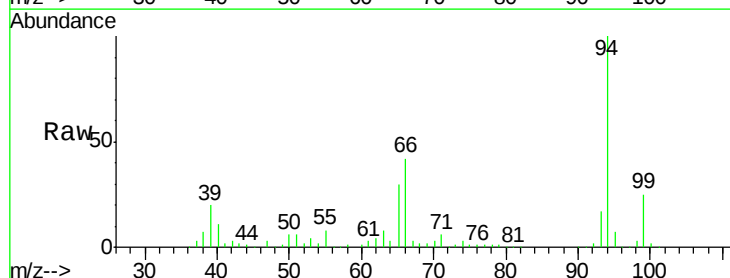
Tgt Ion: 93 Resp: 143205

Ion Ratio Lower Upper

93 100

66 246.5 29.8 44.8#

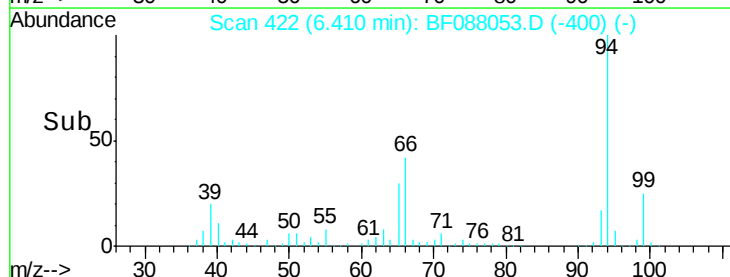
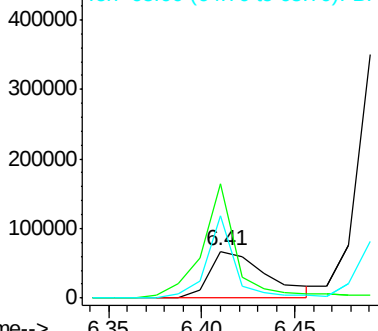
65 177.1 14.9 22.3#

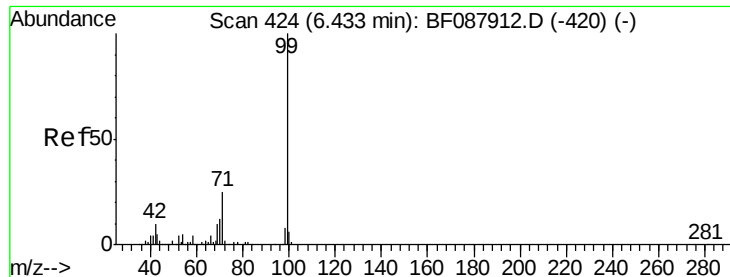


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 110.69 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.03 min

Lab File: BF088053.D

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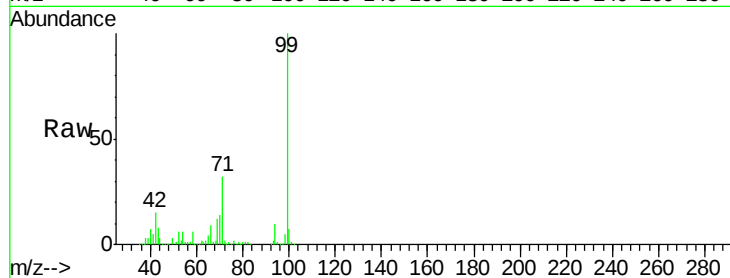
Tgt Ion: 99 Resp: 880852

Ion Ratio Lower Upper

99 100

42 15.0 12.2 18.2

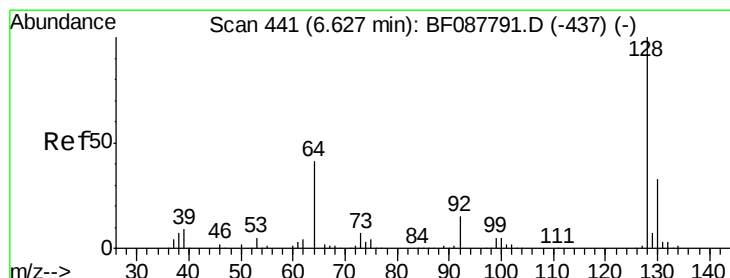
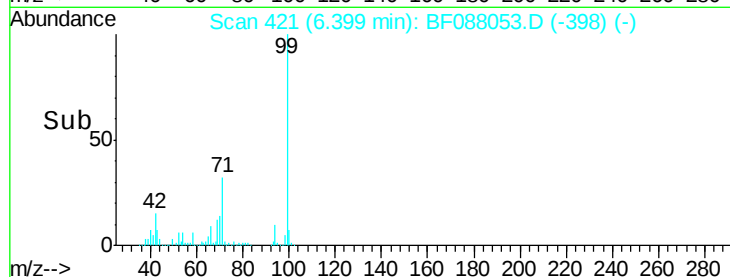
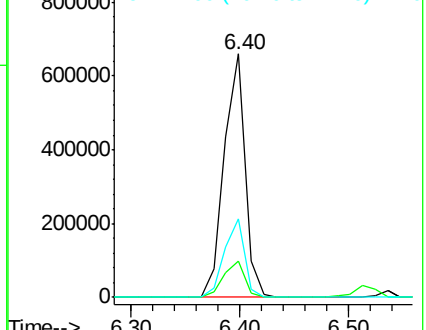
71 32.4 23.4 35.0



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: 42.06 ng

RT: 6.54 min Scan# 433

Delta R.T. -0.05 min

Lab File: BF088053.D

Acq: 16 Jun 2016 00:31

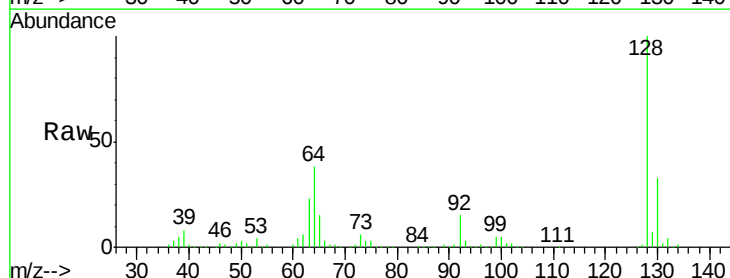
Tgt Ion: 128 Resp: 326896

Ion Ratio Lower Upper

128 100

130 33.3 12.0 52.0

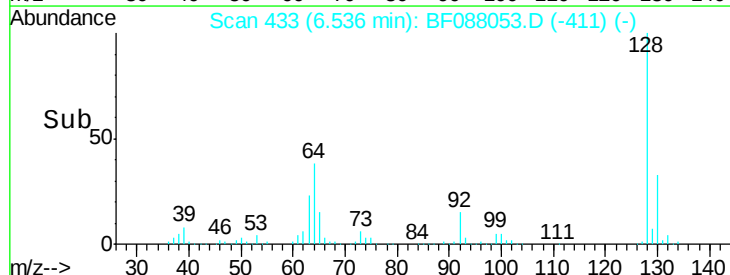
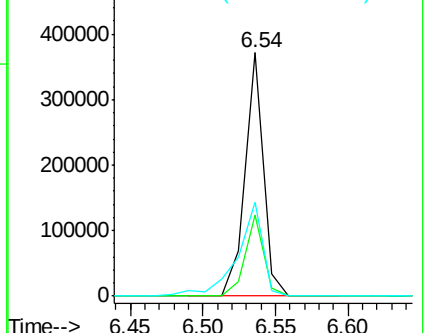
64 38.4 30.8 70.8



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: 43.22 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.03 min

Lab File: BF088053.D

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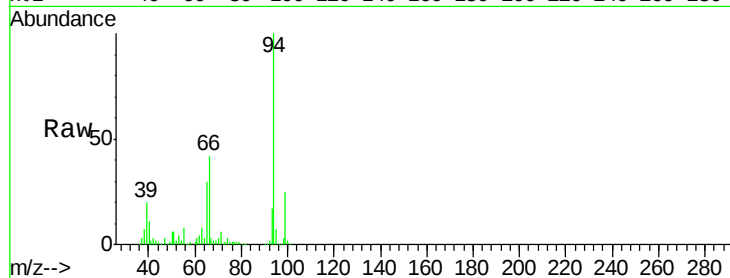
Tgt Ion: 94 Resp: 355940

Ion Ratio Lower Upper

94 100

65 29.8 5.9 45.9

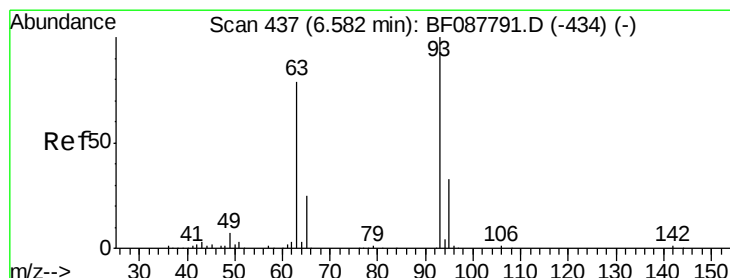
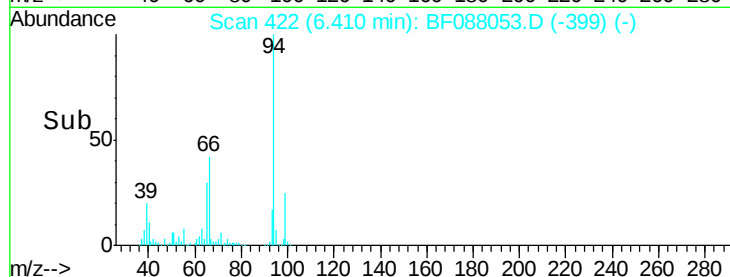
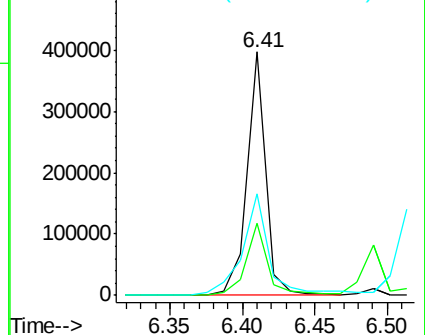
66 41.5 14.0 54.0



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 43.85 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.05 min

Lab File: BF088053.D

Acq: 16 Jun 2016 00:31

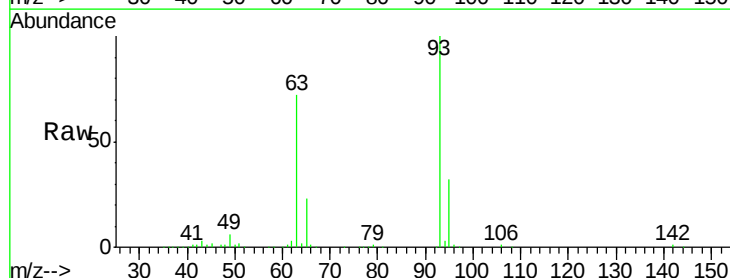
Tgt Ion: 93 Resp: 305958

Ion Ratio Lower Upper

93 100

63 72.0 67.6 107.6

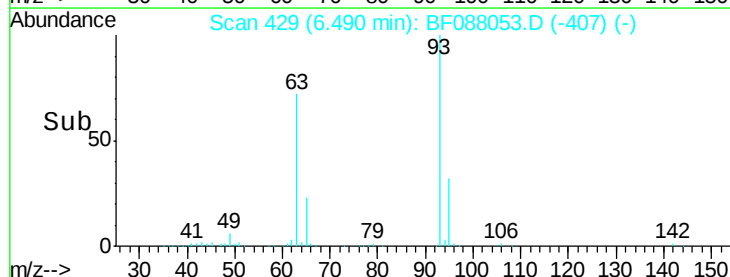
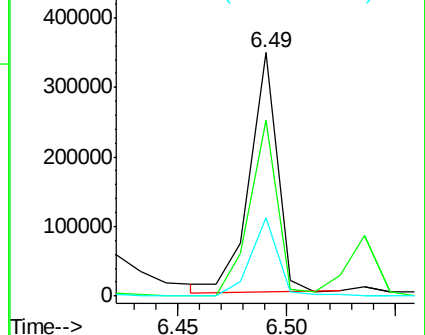
95 32.1 12.5 52.5

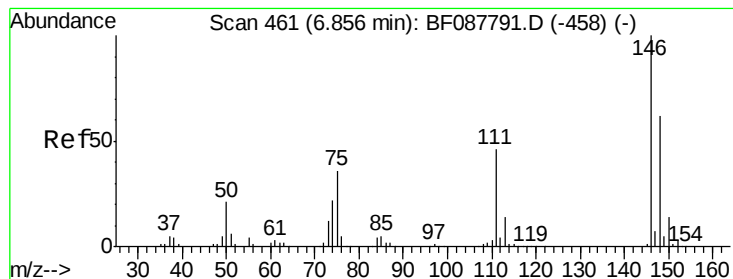


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#12

1,3-Dichlorobenzene

Concen: 38.90 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.05 min

Lab File: BF088053.D

Acq: 16 Jun 2016 00:31

Instrument :

BNA_F

ClientSampleId :

HSR-WC-52-060916MS

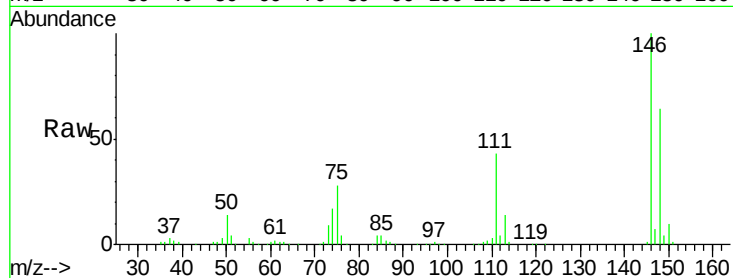
Tgt Ion:146 Resp: 324368

Ion Ratio Lower Upper

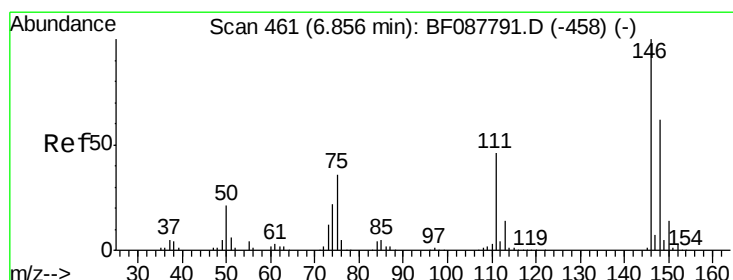
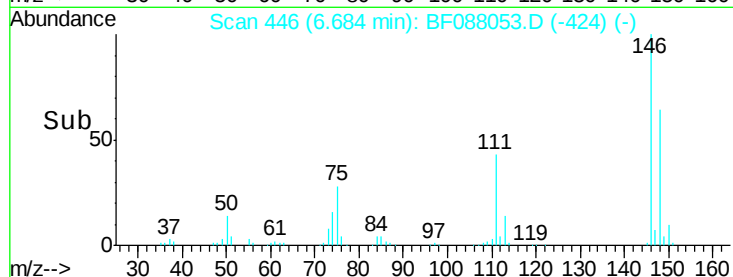
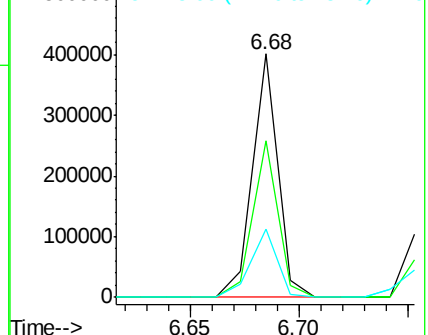
146 100

148 64.3 50.9 76.3

75 27.9 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: 41.59 ng

RT: 6.76 min Scan# 453

Delta R.T. -0.05 min

Lab File: BF088053.D

Acq: 16 Jun 2016 00:31

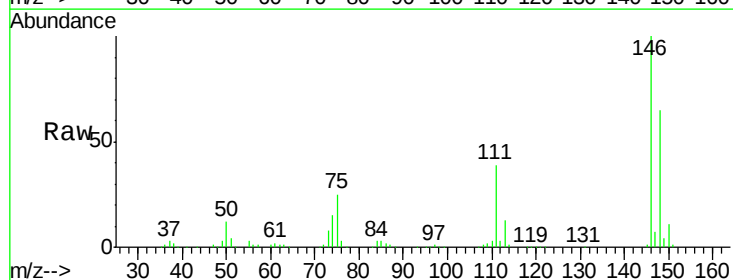
Tgt Ion:146 Resp: 349360

Ion Ratio Lower Upper

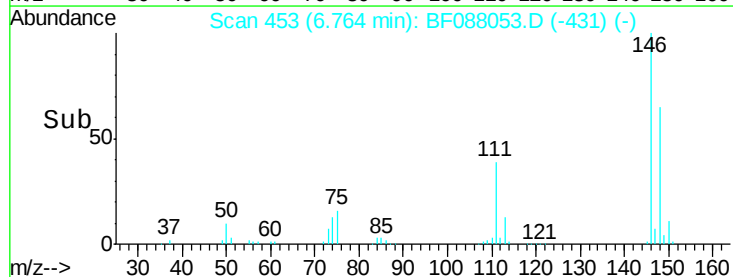
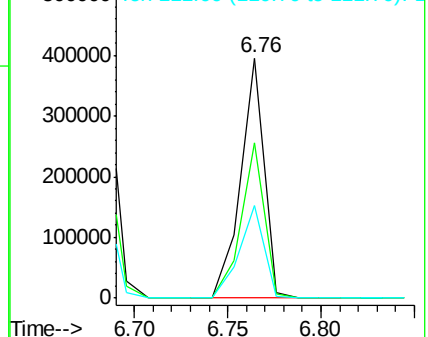
146 100

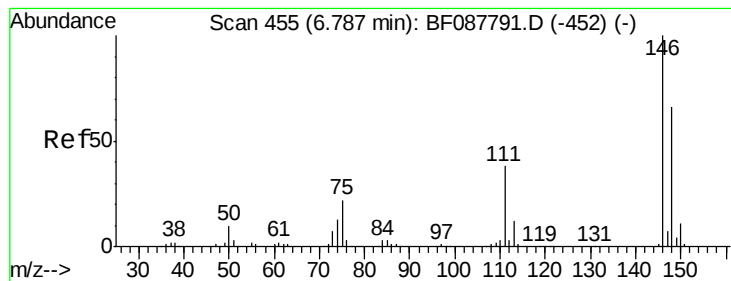
148 65.0 52.0 78.0

111 38.7 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

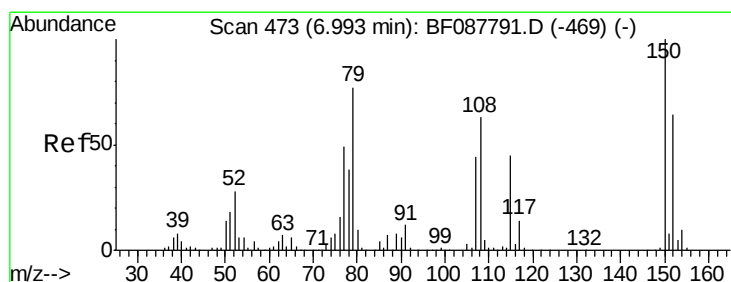
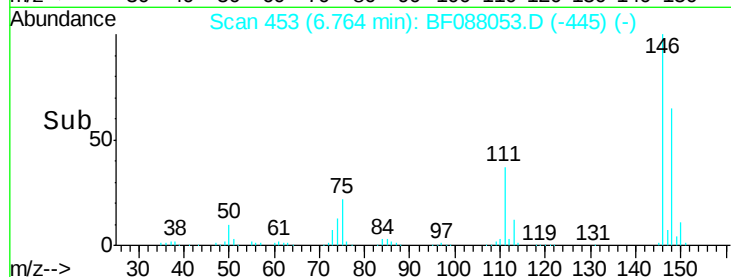
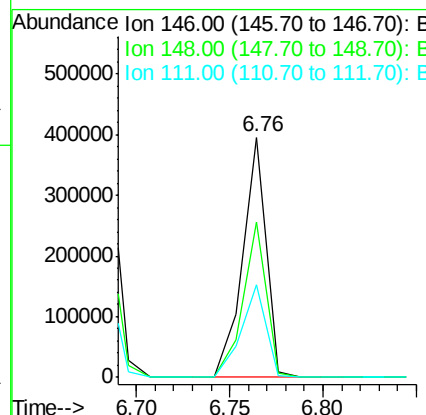
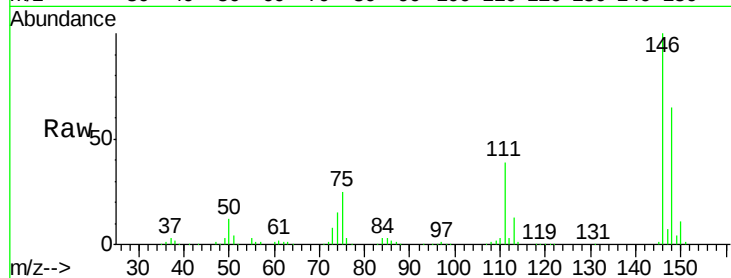




#14
1,2-Dichlorobenzene
Concen: 45.73 ng
RT: 6.76 min Scan# 453
Delta R.T. -0.21 min
Lab File: BF088053.D
Acq: 16 Jun 2016 00:31

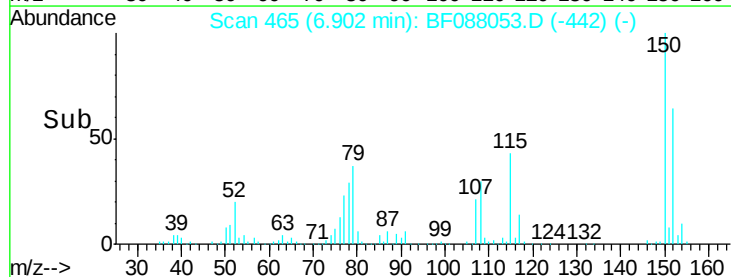
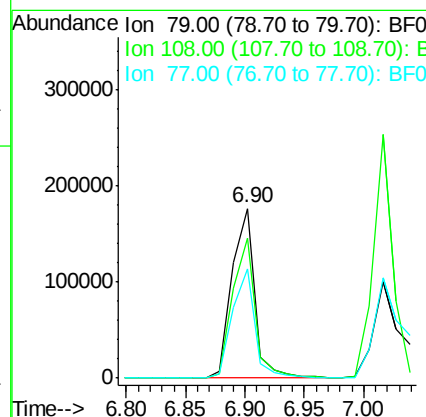
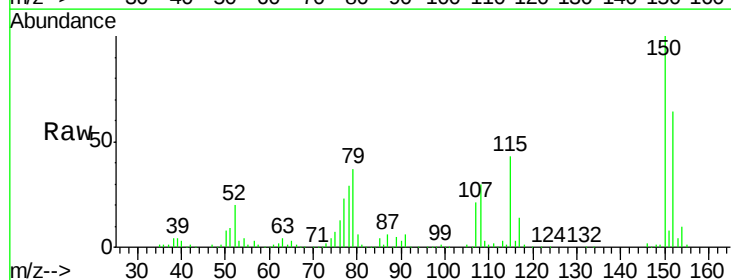
Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MS

Tgt Ion: 146 Resp: 349360
Ion Ratio Lower Upper
146 100
148 65.0 52.3 78.5
111 38.7 28.7 43.1



#15
Benzyl Alcohol
Concen: 37.91 ng
RT: 6.90 min Scan# 465
Delta R.T. -0.03 min
Lab File: BF088053.D
Acq: 16 Jun 2016 00:31

Tgt Ion: 79 Resp: 236031
Ion Ratio Lower Upper
79 100
108 82.2 65.0 97.6
77 64.3 50.3 75.5

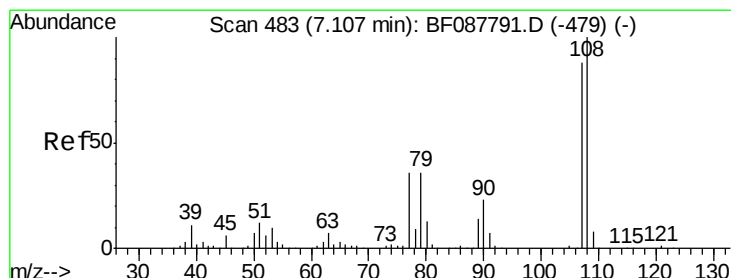
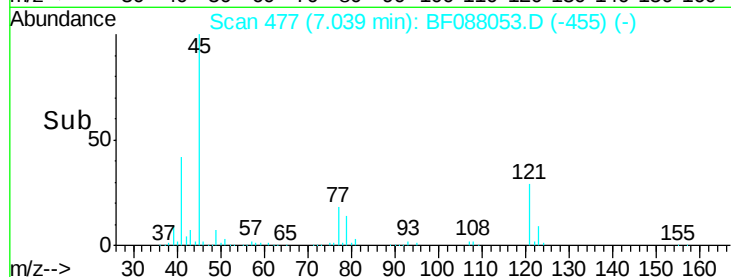
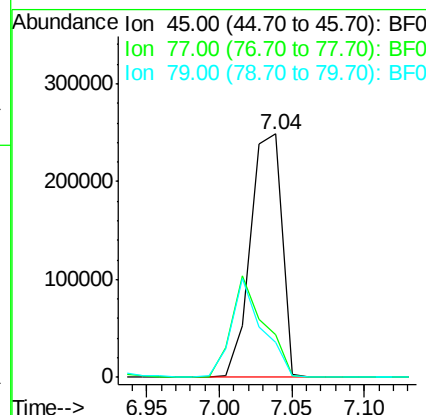
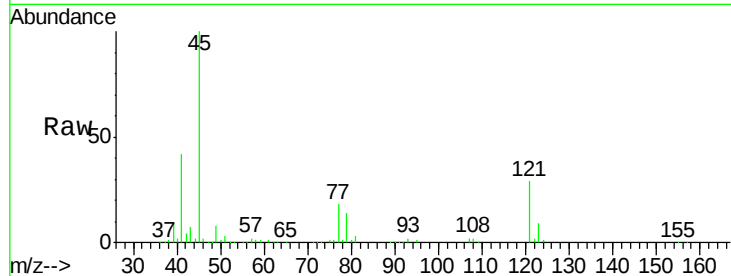




#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.73 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.05 min
Lab File: BF088053.D
Acq: 16 Jun 2016 00:31

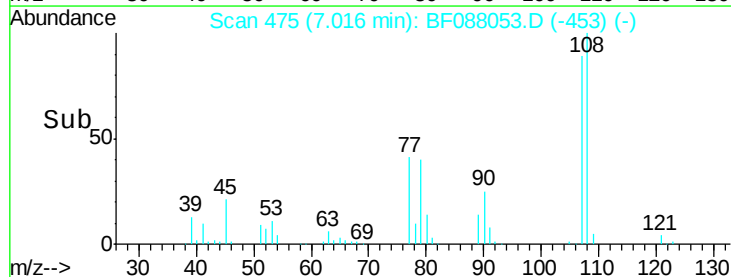
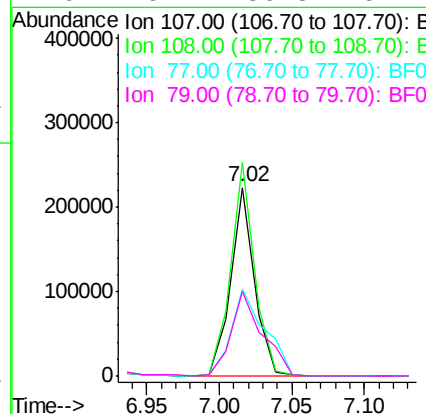
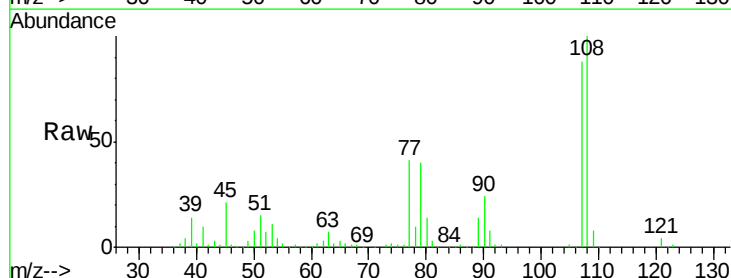
Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MS

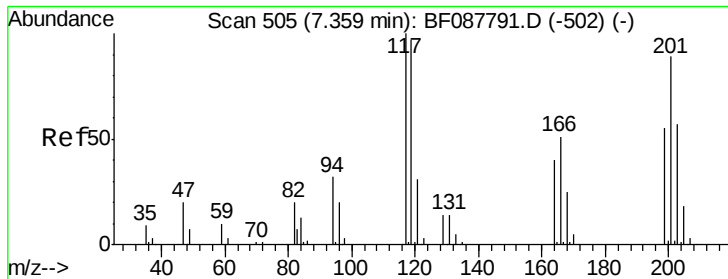
Tgt Ion: 45 Resp: 374535
Ion Ratio Lower Upper
45 100
77 17.6 0.0 32.5
79 14.1 0.0 29.5



#17
2-Methylphenol
Concen: 40.29 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.05 min
Lab File: BF088053.D
Acq: 16 Jun 2016 00:31

Tgt Ion: 107 Resp: 253981
Ion Ratio Lower Upper
107 100
108 113.1 90.9 136.3
77 46.4 36.6 55.0
79 45.1 36.5 54.7

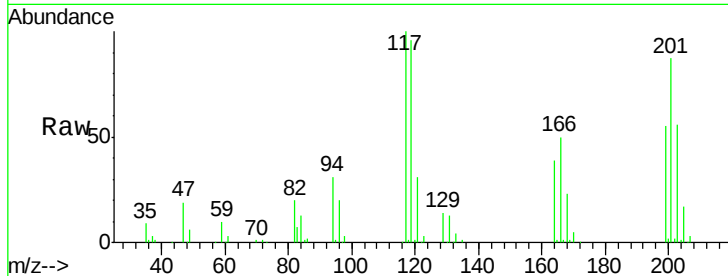




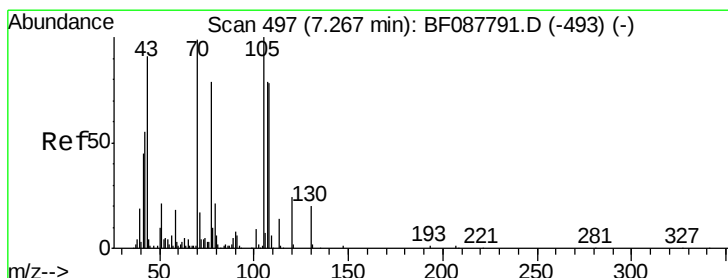
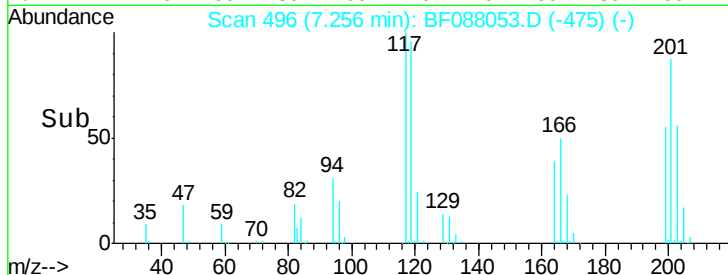
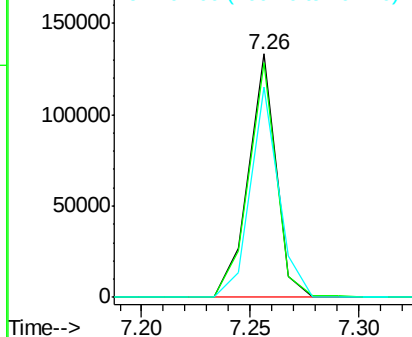
#18
Hexachloroethane
Concen: 39.46 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.06 min
Lab File: BF088053.D
Acq: 16 Jun 2016 00:31

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MS

Tgt Ion: 117 Resp: 117635
Ion Ratio Lower Upper
117 100
119 96.3 77.4 116.2
201 86.6 80.4 120.6

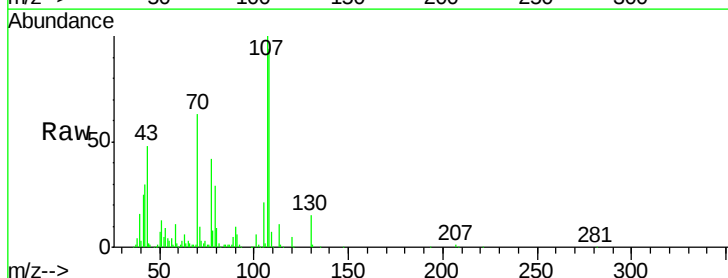


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

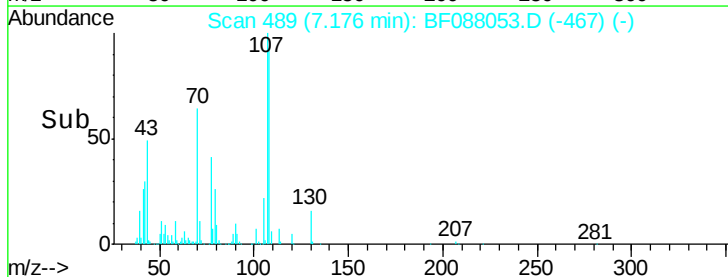
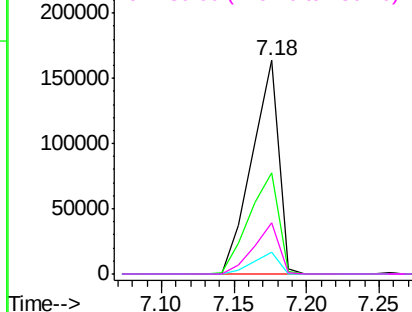


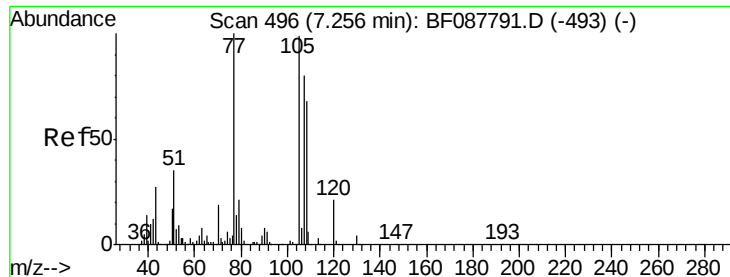
#19
n-Nitroso-di-n-propylamine
Concen: 41.34 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.05 min
Lab File: BF088053.D
Acq: 16 Jun 2016 00:31

Tgt Ion: 70 Resp: 210438
Ion Ratio Lower Upper
70 100
42 47.3 49.6 74.4#
101 10.1 7.1 10.7
130 24.2 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

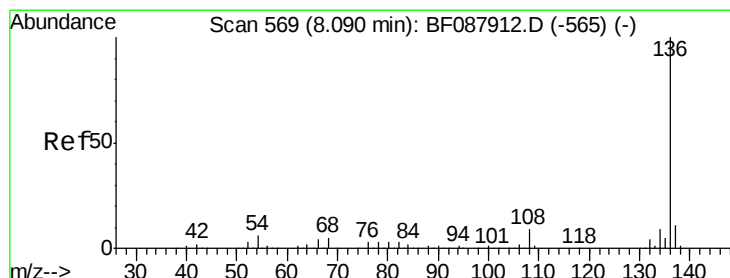
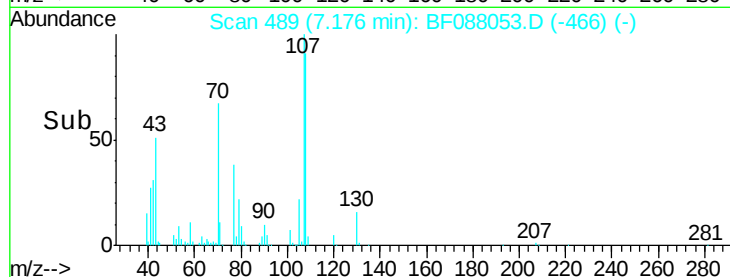
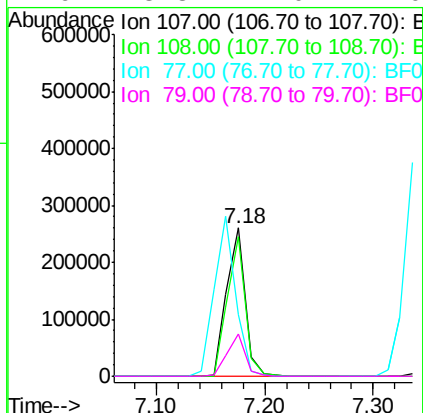
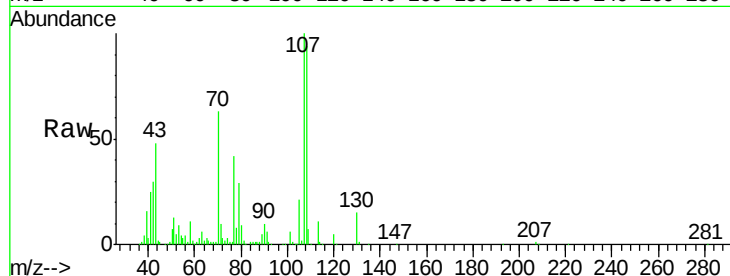




#20
 3+4-Methylphenols
 Concen: 41.84 ng
 RT: 7.18 min Scan# 489
 Delta R.T. -0.03 min
 Lab File: BF088053.D
 Acq: 16 Jun 2016 00:31

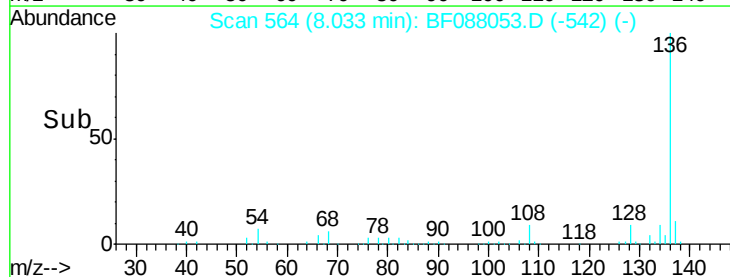
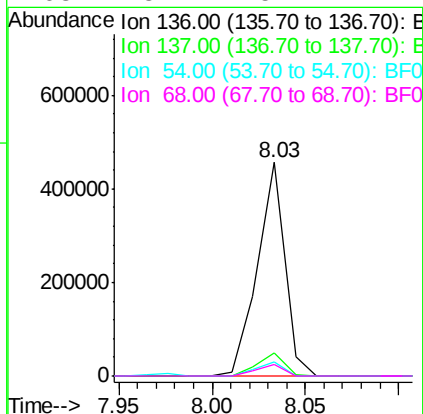
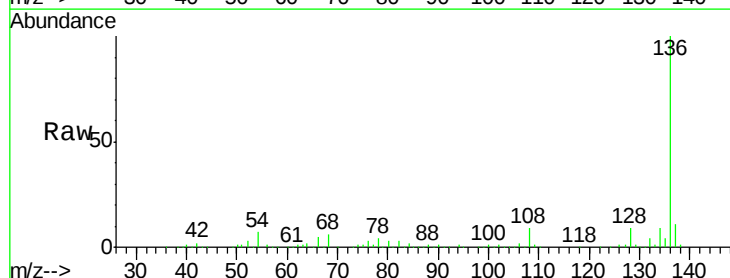
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-52-060916MS

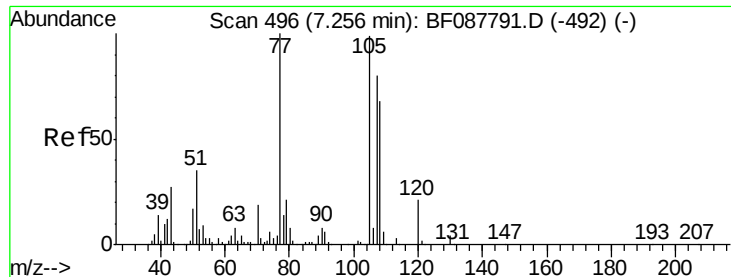
Tgt Ion:107 Resp: 307711
 Ion Ratio Lower Upper
 107 100
 108 94.5 67.8 107.8
 77 41.8 59.3 99.3#
 79 28.8 7.0 47.0



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.03 min Scan# 564
 Delta R.T. -0.05 min
 Lab File: BF088053.D
 Acq: 16 Jun 2016 00:31

Tgt Ion:136 Resp: 463094
 Ion Ratio Lower Upper
 136 100
 137 11.0 9.1 13.7
 54 6.6 6.6 10.0#
 68 5.7 5.1 7.7





#22

Acetophenone

Concen: 39.89 ng

RT: 7.16 min Scan# 488

Delta R.T. -0.05 min

Lab File: BF088053.D

Acq: 16 Jun 2016 00:31

Instrument :

BNA_F

ClientSampleId :

HSR-WC-52-060916MS

Tgt Ion: 105 Resp: 412830

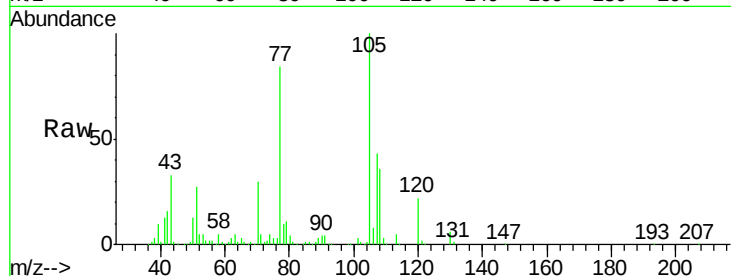
Ion Ratio Lower Upper

105 100

71 5.1 5.3 7.9#

51 27.0 18.2 27.4

120 22.0 18.0 27.0



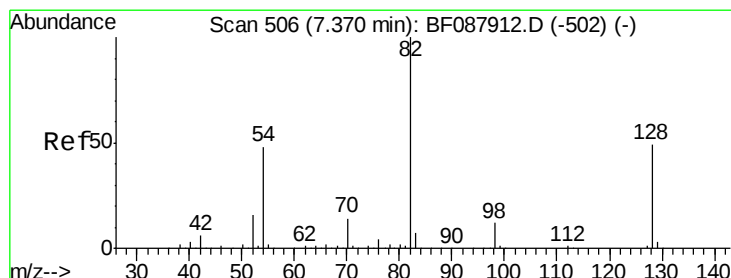
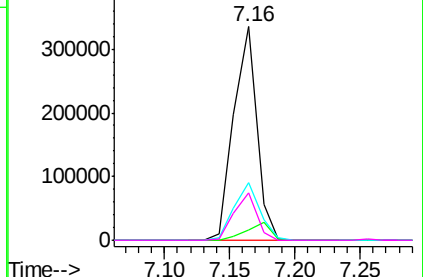
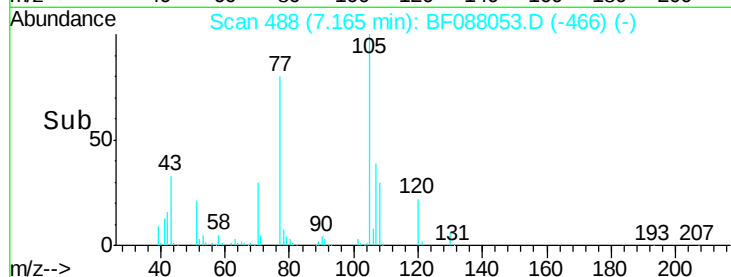
Abundance Ion 105.00 (104.70 to 105.70): E

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

Time-->



#23

Nitrobenzene-d5

Concen: 76.95 ng

RT: 7.31 min Scan# 501

Delta R.T. -0.05 min

Lab File: BF088053.D

Acq: 16 Jun 2016 00:31

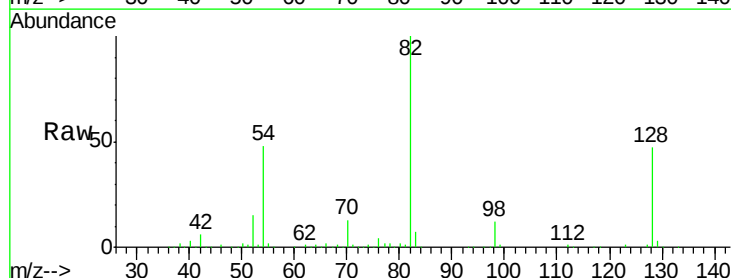
Tgt Ion: 82 Resp: 610234

Ion Ratio Lower Upper

82 100

128 47.0 35.9 53.9

54 47.9 40.9 61.3

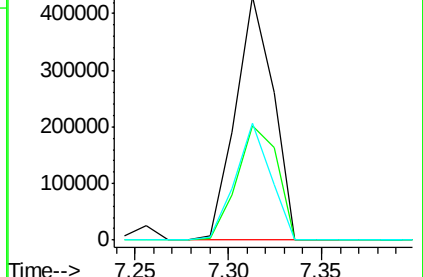
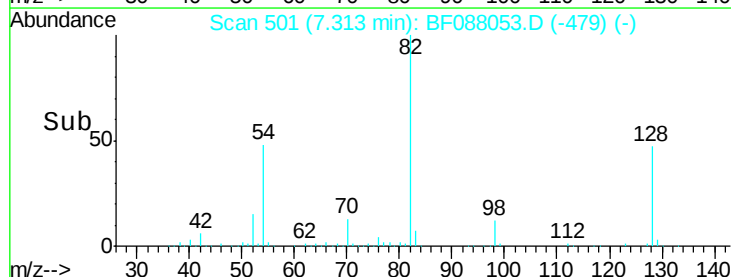


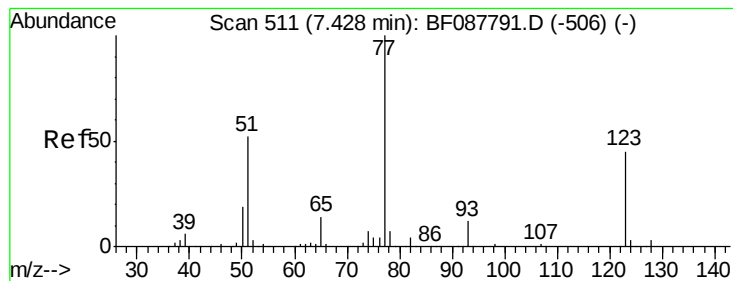
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

Time-->





#24

Nitrobenzene

Concen: 45.69 ng

RT: 7.34 min Scan# 503

Delta R.T. -0.05 min

Lab File: BF088053.D

Acq: 16 Jun 2016 00:31

Instrument :

BNA_F

ClientSampleId :

HSR-WC-52-060916MS

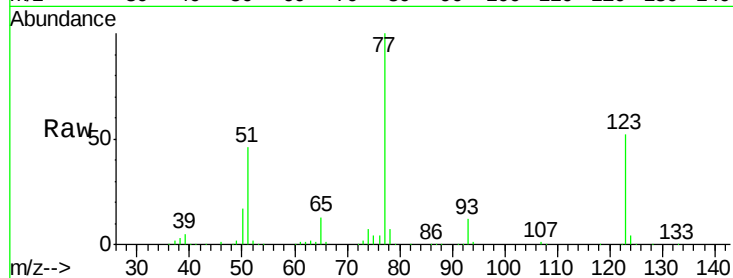
Tgt Ion: 77 Resp: 350985

Ion Ratio Lower Upper

77 100

123 51.9 45.0 67.4

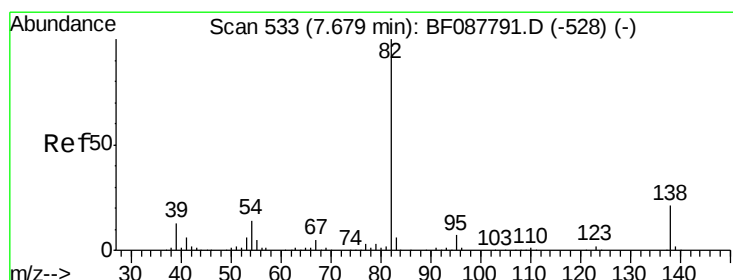
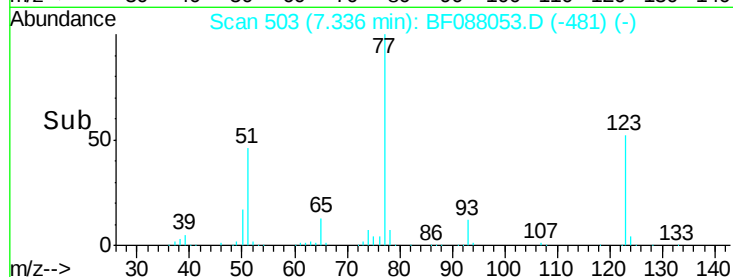
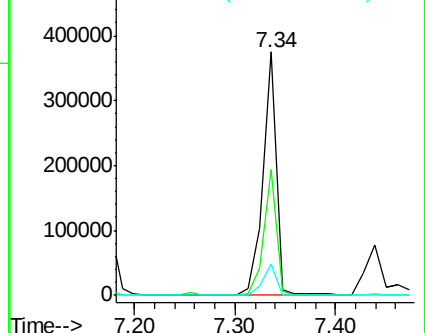
65 13.0 10.2 15.2



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: 39.46 ng

RT: 7.58 min Scan# 524

Delta R.T. -0.05 min

Lab File: BF088053.D

Acq: 16 Jun 2016 00:31

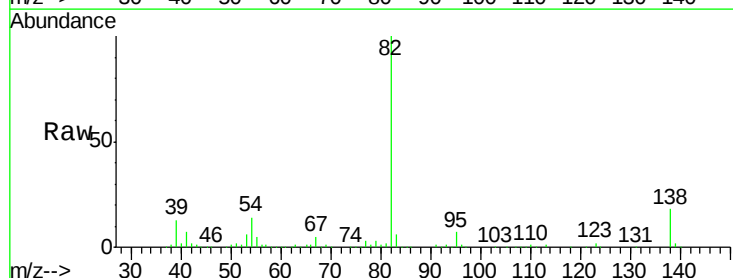
Tgt Ion: 82 Resp: 579658

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

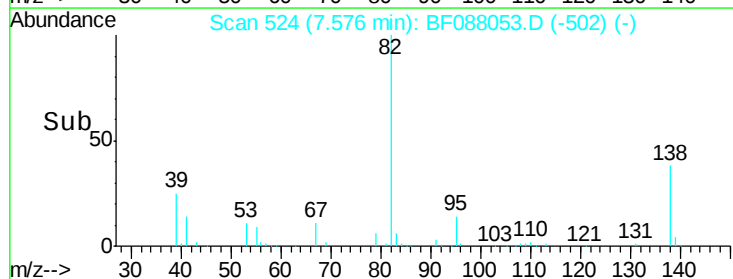
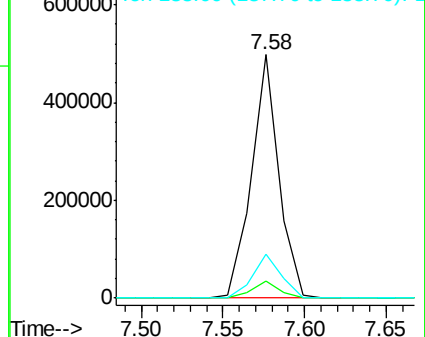
138 18.3 14.6 21.8



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

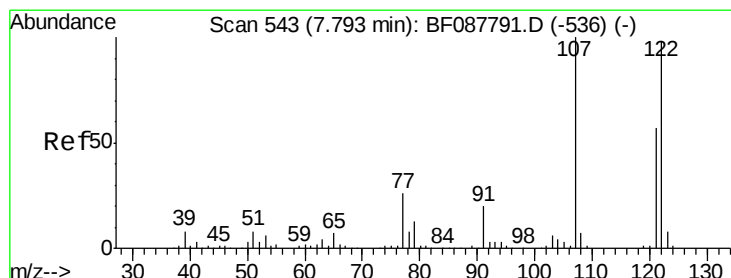
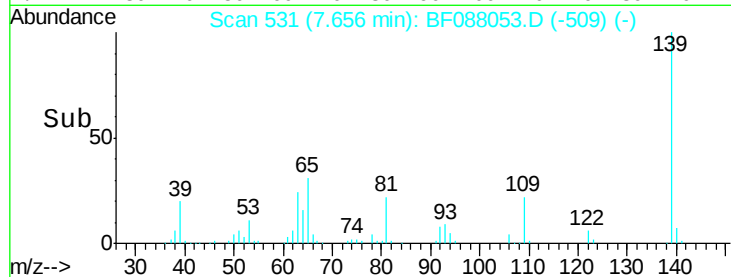
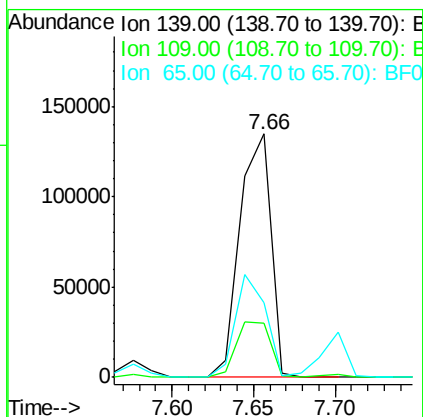
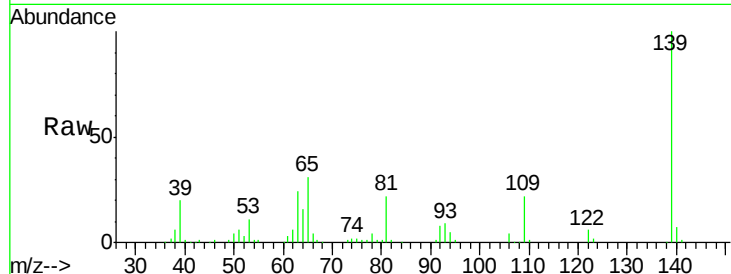




#26
2-Nitrophenol
Concen: 43.06 ng
RT: 7.66 min Scan# 531
Delta R.T. -0.05 min
Lab File: BF088053.D
Acq: 16 Jun 2016 00:31

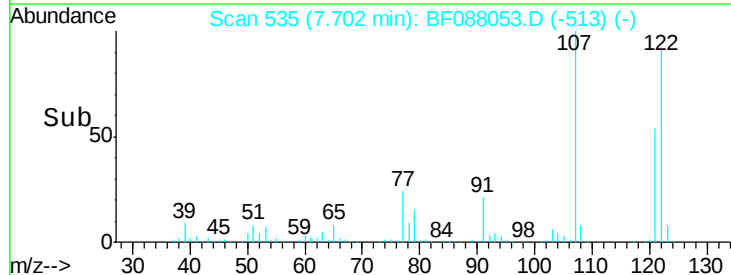
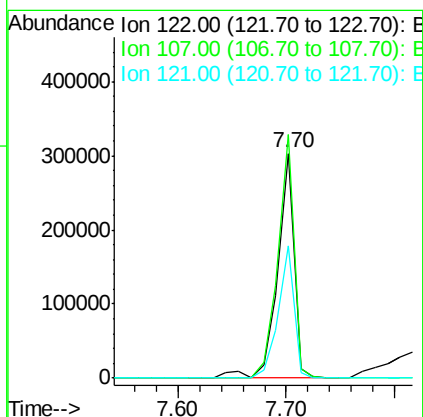
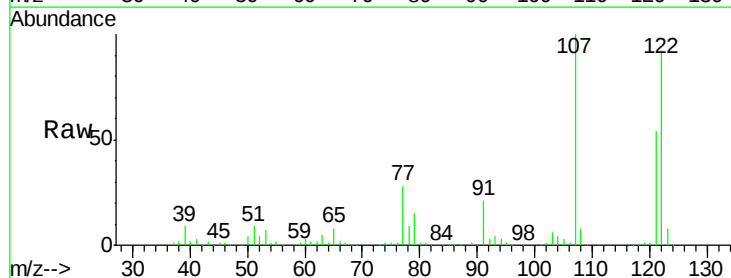
Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MS

Tgt Ion:139 Resp: 177208
Ion Ratio Lower Upper
139 100
109 22.1 23.0 34.4#
65 30.7 45.8 68.8#



#27
2,4-Dimethylphenol
Concen: 42.12 ng
RT: 7.70 min Scan# 535
Delta R.T. -0.05 min
Lab File: BF088053.D
Acq: 16 Jun 2016 00:31

Tgt Ion:122 Resp: 319112
Ion Ratio Lower Upper
122 100
107 108.2 82.4 123.6
121 58.7 46.3 69.5

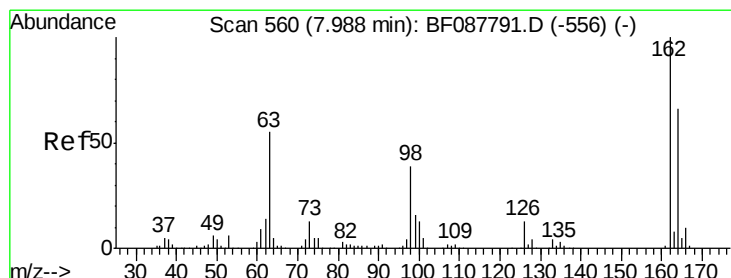
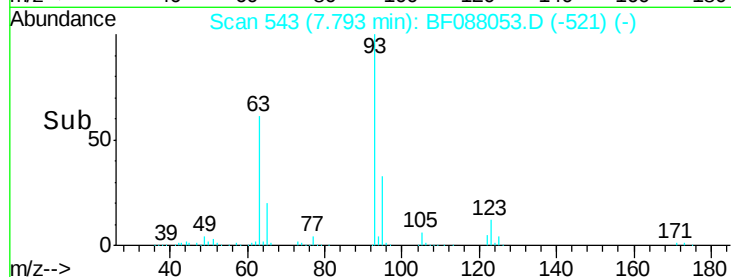
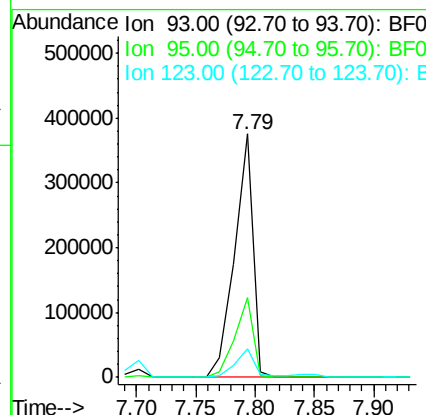
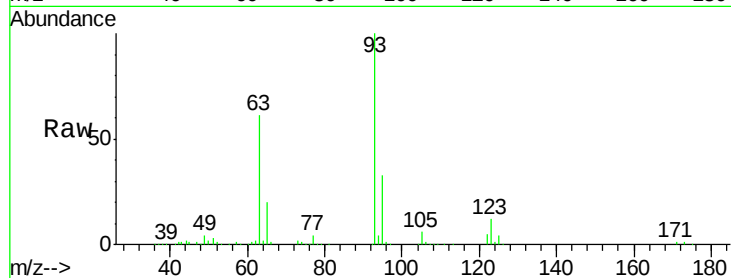




#28
bis(2-Chloroethoxy)methane
Concen: 44.41 ng
RT: 7.79 min Scan# 543
Delta R.T. -0.05 min
Lab File: BF088053.D
Acq: 16 Jun 2016 00:31

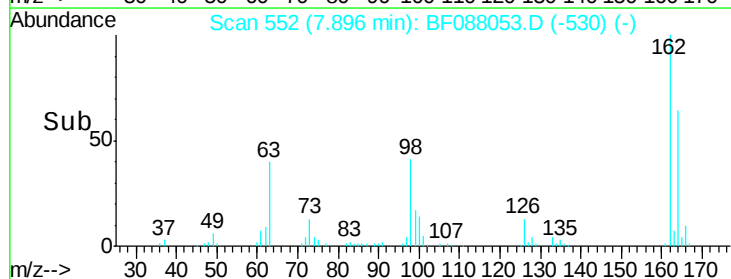
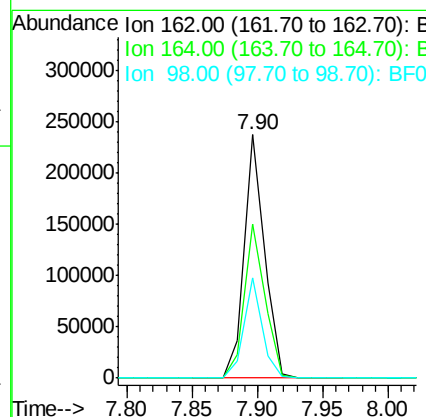
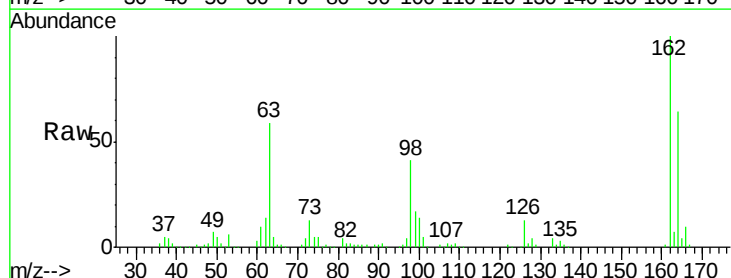
Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MS

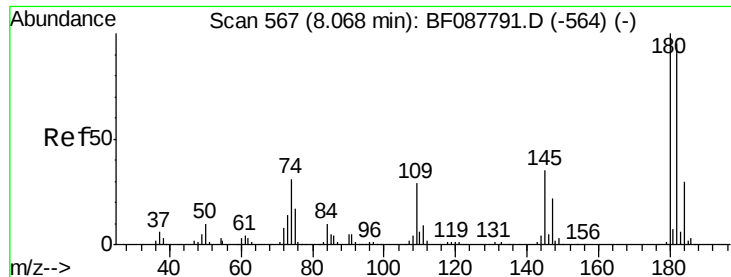
Tgt Ion: 93 Resp: 404569
Ion Ratio Lower Upper
93 100
95 32.6 26.5 39.7
123 11.9 11.6 17.4



#29
2,4-Dichlorophenol
Concen: 40.50 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.05 min
Lab File: BF088053.D
Acq: 16 Jun 2016 00:31

Tgt Ion: 162 Resp: 256184
Ion Ratio Lower Upper
162 100
164 63.5 43.8 83.8
98 41.3 21.3 61.3

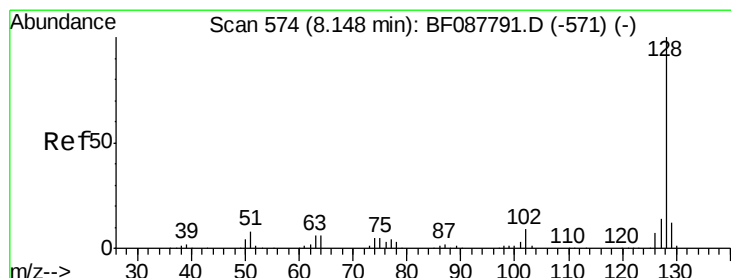
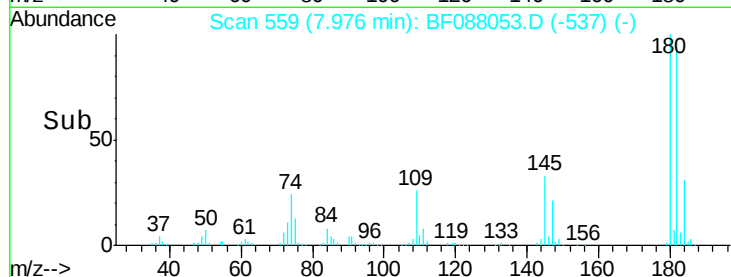
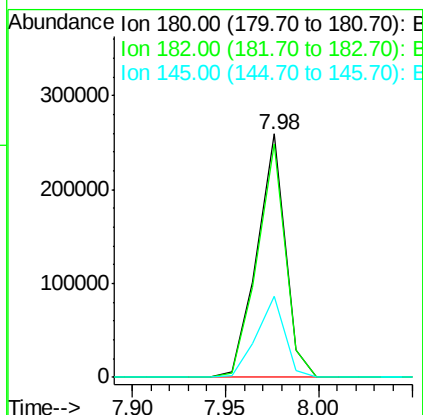
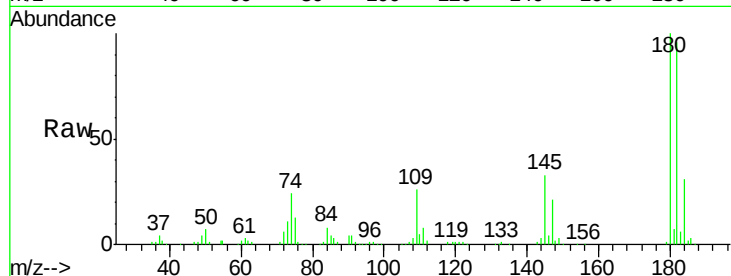




#30
 1,2,4-Trichlorobenzene
 Concen: 39.40 ng
 RT: 7.98 min Scan# 559
 Delta R.T. -0.05 min
 Lab File: BF088053.D
 Acq: 16 Jun 2016 00:31

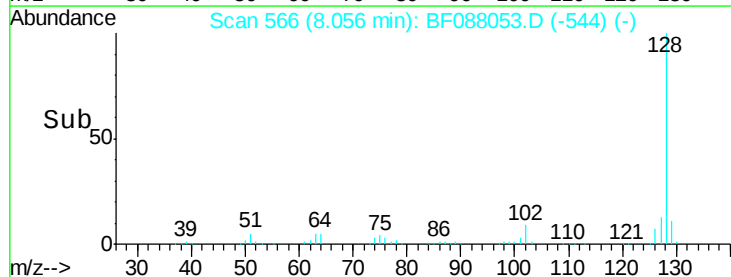
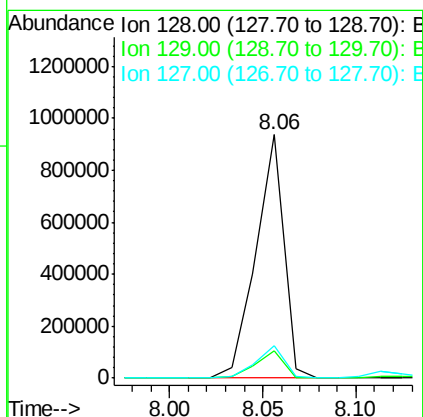
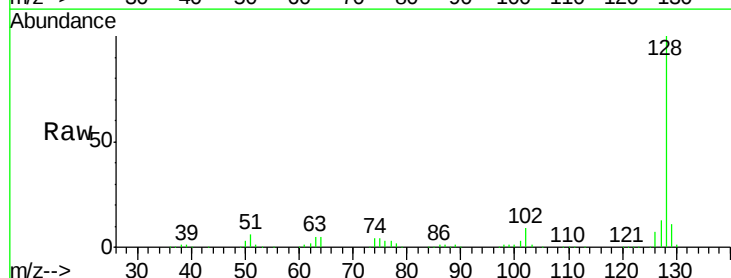
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-52-060916MS

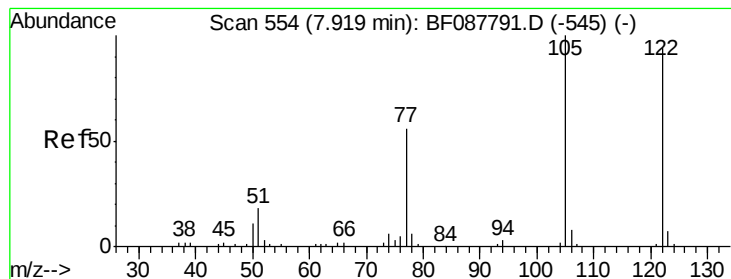
Tgt Ion:180 Resp: 271420
 Ion Ratio Lower Upper
 180 100
 182 95.8 76.0 114.0
 145 33.2 26.5 39.7



#31
 Naphthalene
 Concen: 42.38 ng
 RT: 8.06 min Scan# 566
 Delta R.T. -0.05 min
 Lab File: BF088053.D
 Acq: 16 Jun 2016 00:31

Tgt Ion:128 Resp: 971233
 Ion Ratio Lower Upper
 128 100
 129 11.3 9.4 14.2
 127 13.4 10.9 16.3





#32

Benzoic acid

Concen: 47.16 ng

RT: 7.85 min Scan# 548

Delta R.T. -0.02 min

Lab File: BF088053.D

Acq: 16 Jun 2016 00:31

Instrument :

BNA_F

ClientSampleId :

HSR-WC-52-060916MS

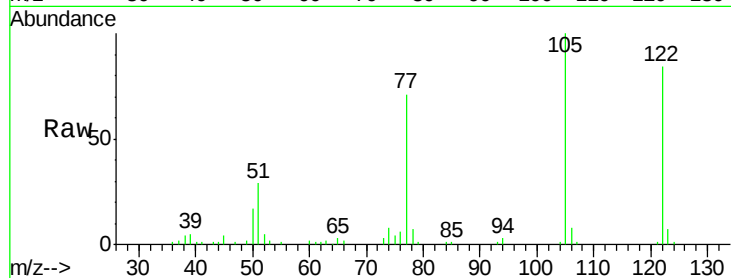
Tgt Ion:122 Resp: 196774

Ion Ratio Lower Upper

122 100

105 118.4 101.6 141.6

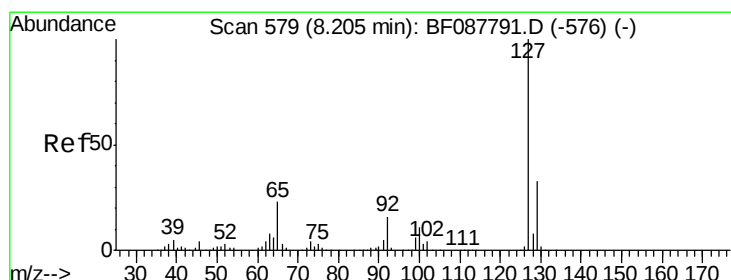
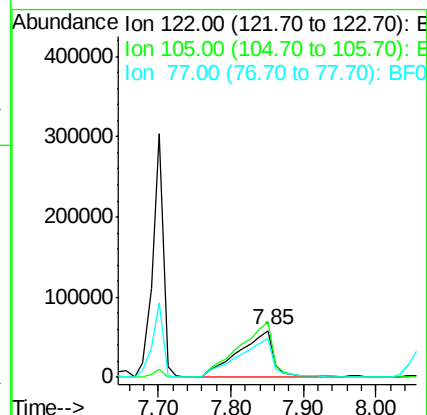
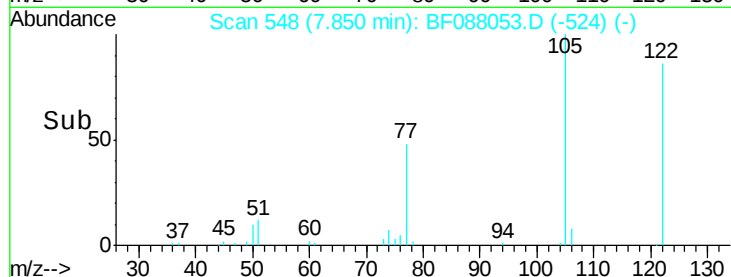
77 83.8 70.6 110.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 5.26 ng

RT: 8.11 min Scan# 571

Delta R.T. -0.05 min

Lab File: BF088053.D

Acq: 16 Jun 2016 00:31

Tgt Ion:127 Resp: 53869

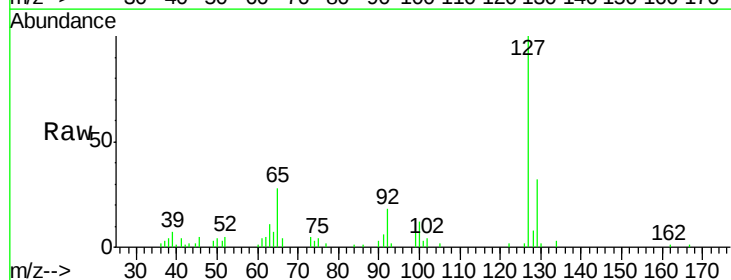
Ion Ratio Lower Upper

127 100

129 31.7 26.3 39.5

65 27.8 24.7 37.1

92 17.8 15.4 23.0

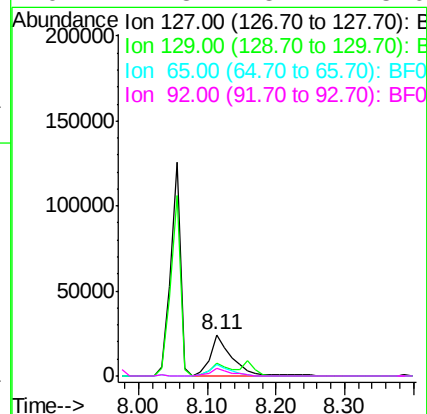
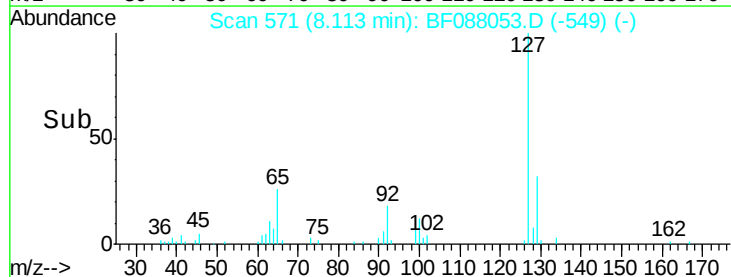


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

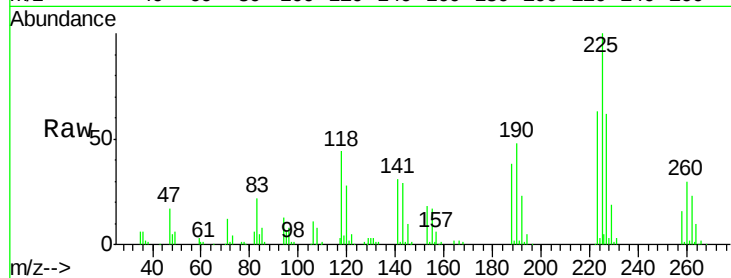




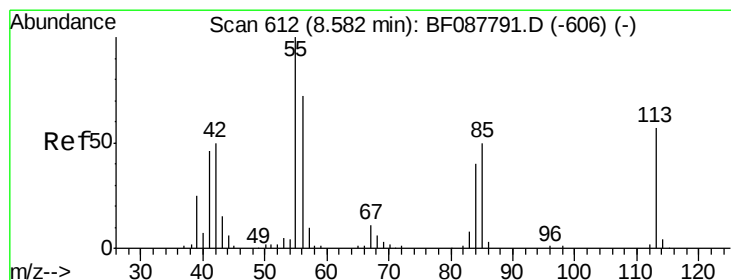
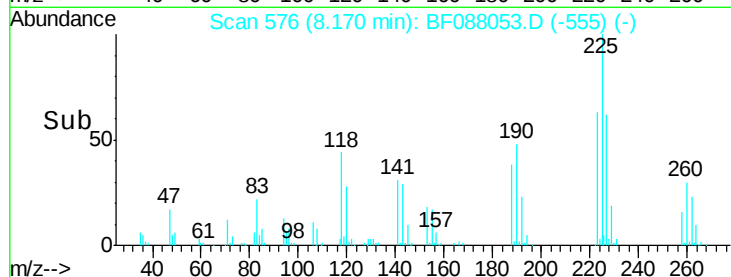
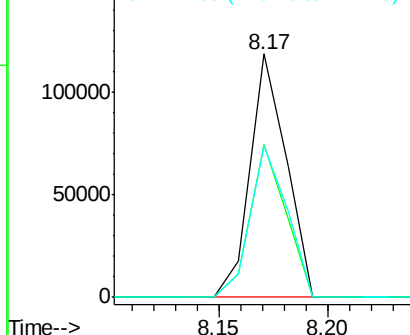
#34
Hexachlorobutadiene
Concen: 37.71 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.06 min
Lab File: BF088053.D
Acq: 16 Jun 2016 00:31

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MS

Tgt Ion:225 Resp: 136997
Ion Ratio Lower Upper
225 100
223 62.5 50.9 76.3
227 62.5 51.9 77.9

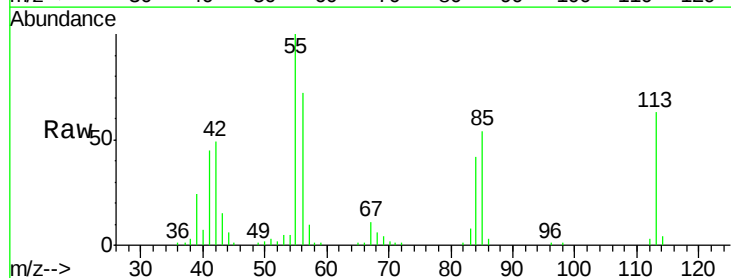


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

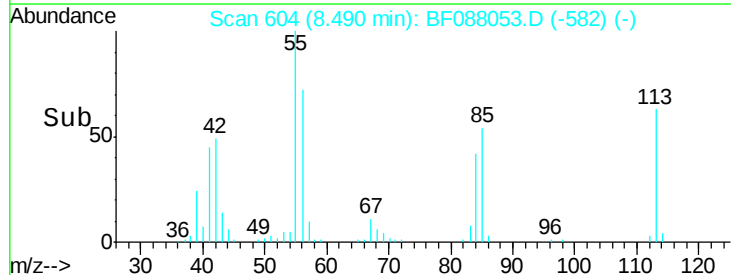
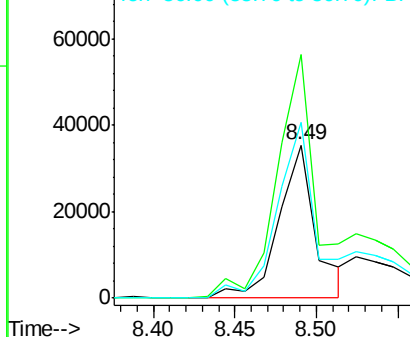


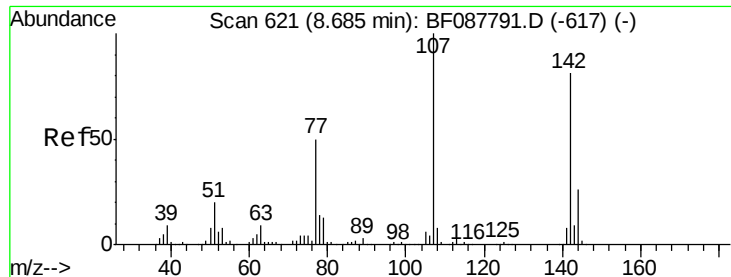
#35
Caprolactam
Concen: 26.40 ng
RT: 8.49 min Scan# 604
Delta R.T. -0.05 min
Lab File: BF088053.D
Acq: 16 Jun 2016 00:31

Tgt Ion:113 Resp: 55313
Ion Ratio Lower Upper
113 100
55 159.3 158.6 198.6
56 114.9 110.6 150.6



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

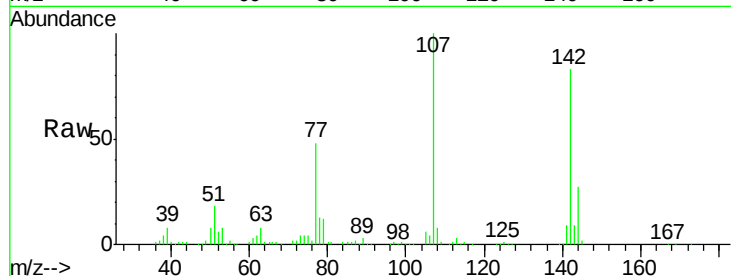




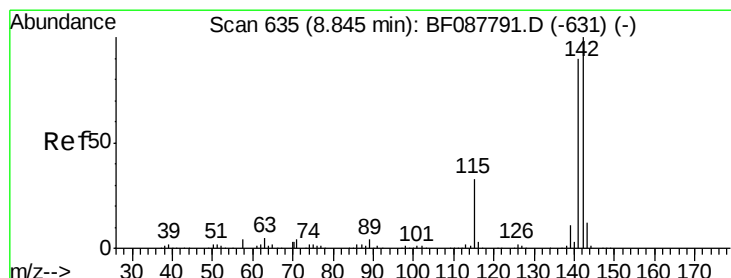
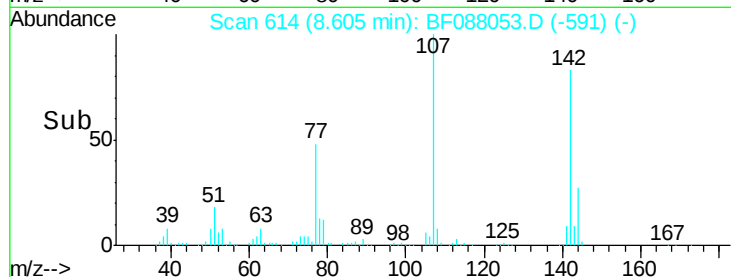
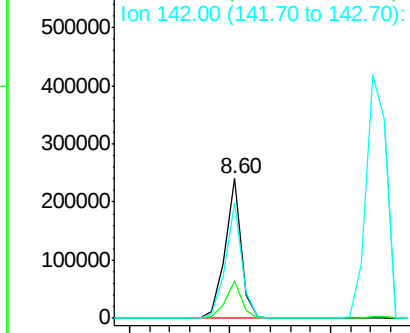
#36
4-Chloro-3-methylphenol
Concen: 39.65 ng
RT: 8.60 min Scan# 614
Delta R.T. -0.03 min
Lab File: BF088053.D
Acq: 16 Jun 2016 00:31

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MS

Tgt Ion: 107 Resp: 268221
Ion Ratio Lower Upper
107 100
144 27.0 20.8 31.2
142 82.9 63.4 95.2

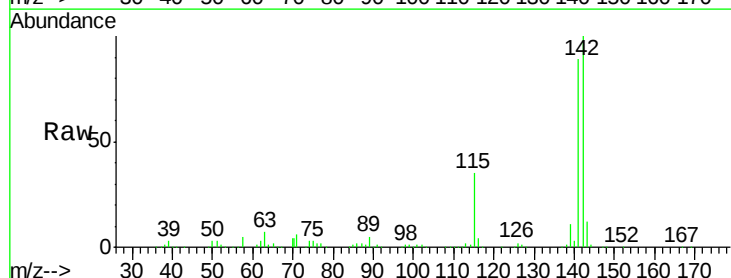


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

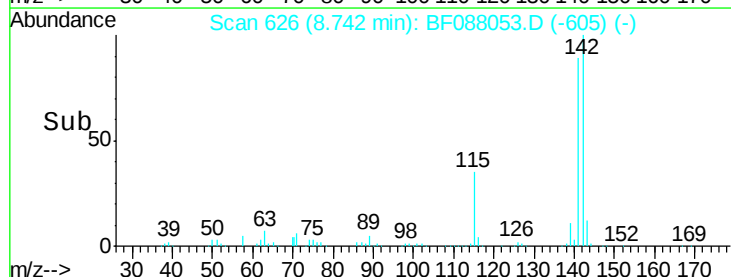
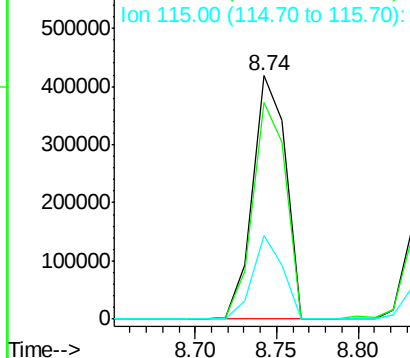


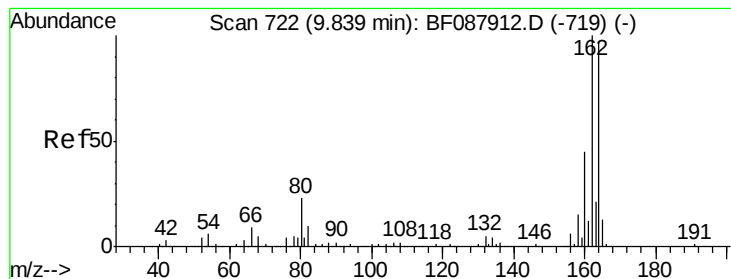
#37
2-Methylnaphthalene
Concen: 38.95 ng
RT: 8.74 min Scan# 626
Delta R.T. -0.06 min
Lab File: BF088053.D
Acq: 16 Jun 2016 00:31

Tgt Ion: 142 Resp: 588355
Ion Ratio Lower Upper
142 100
141 88.8 71.0 106.6
115 34.6 22.6 33.8#



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.06 min

Lab File: BF088053.D

Acq: 16 Jun 2016 00:31

Instrument :

BNA_F

ClientSampleId :

HSR-WC-52-060916MS

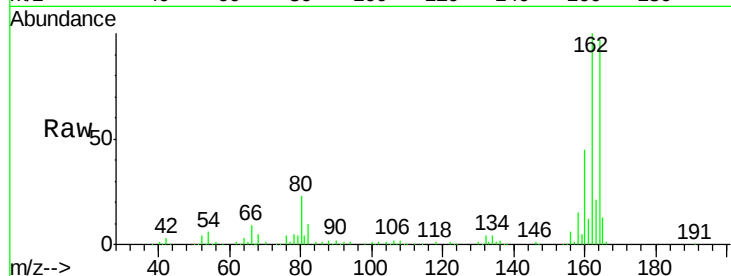
Tgt Ion:164 Resp: 195789

Ion Ratio Lower Upper

164 100

162 103.5 85.4 128.2

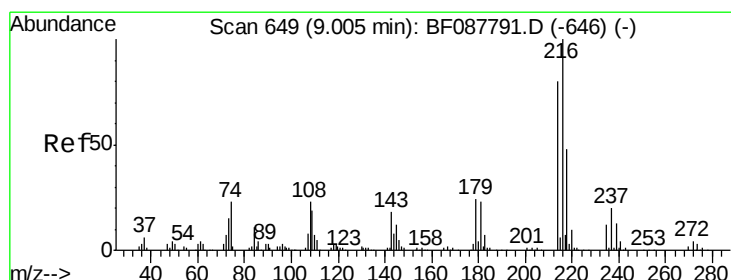
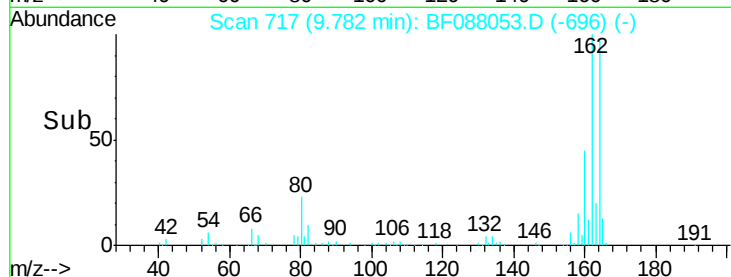
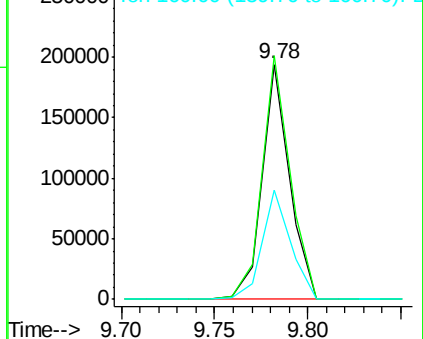
160 46.6 39.5 59.3



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: 49.55 ng

RT: 8.91 min Scan# 641

Delta R.T. -0.05 min

Lab File: BF088053.D

Acq: 16 Jun 2016 00:31

Tgt Ion:216 Resp: 243849

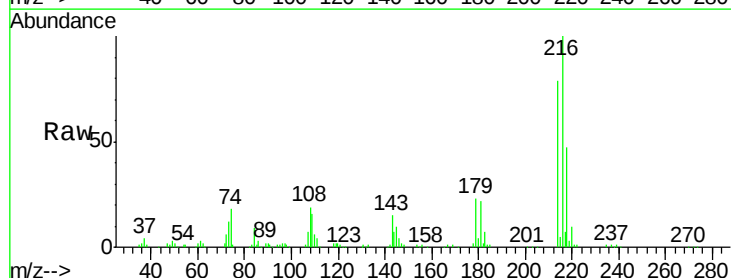
Ion Ratio Lower Upper

216 100

214 79.0 2.9 4.3#

179 22.8 0.0 0.0#

108 21.2 0.5 0.7#

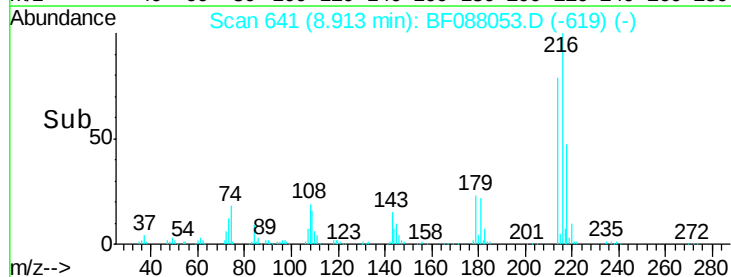
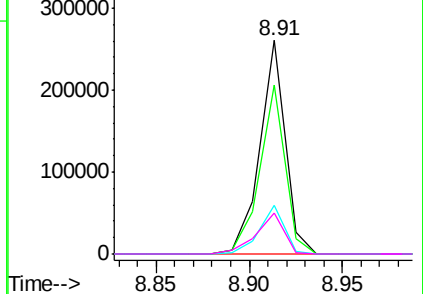


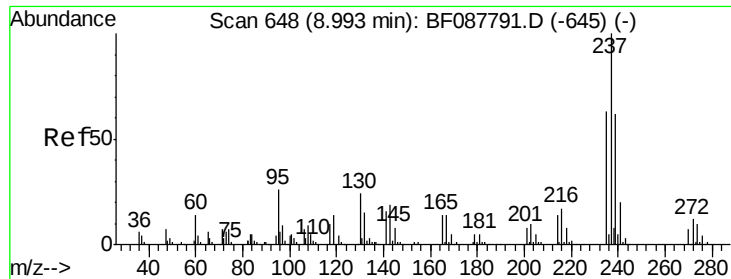
Abundance Ion 216.00 (215.70 to 216.70): E

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

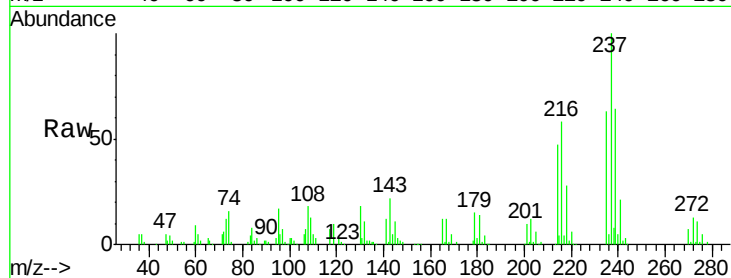




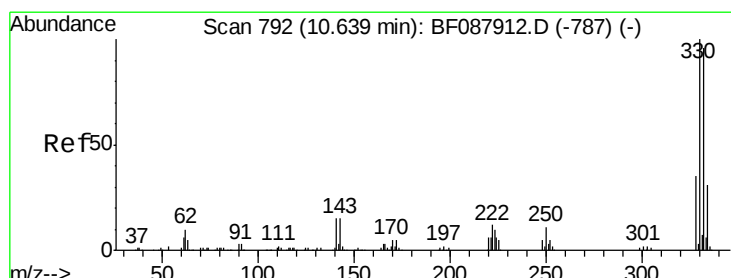
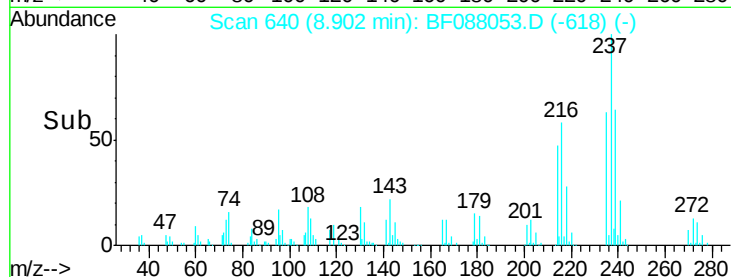
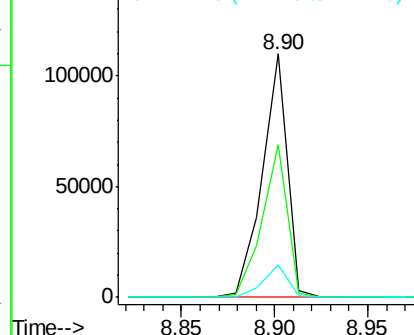
#40
Hexachlorocyclopentadiene
Concen: 32.78 ng
RT: 8.90 min Scan# 640
Delta R.T. -0.05 min
Lab File: BF088053.D
Acq: 16 Jun 2016 00:31

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MS

Tgt Ion: 237 Resp: 103517
Ion Ratio Lower Upper
237 100
235 62.9 43.4 83.4
272 13.1 0.0 32.3

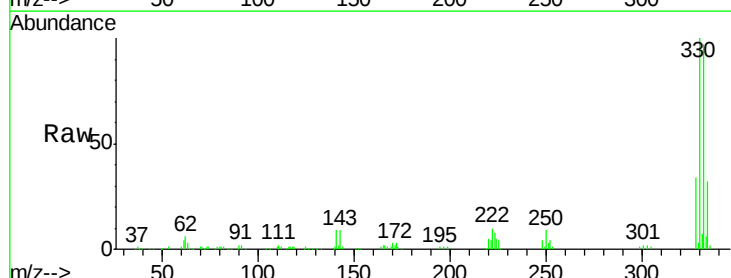


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

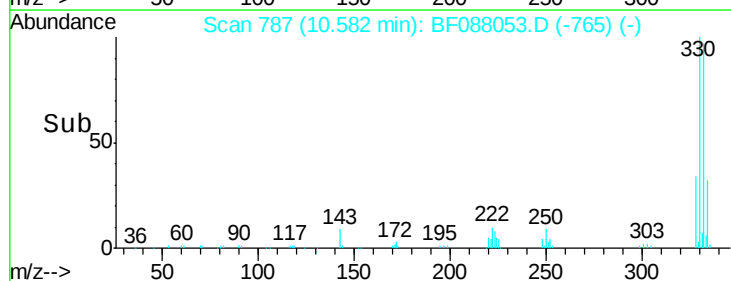
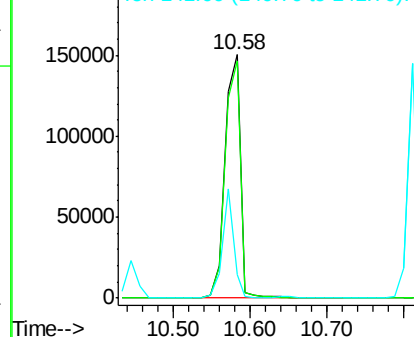


#41
2,4,6-Tribromophenol
Concen: 102.67 ng
RT: 10.58 min Scan# 787
Delta R.T. -0.05 min
Lab File: BF088053.D
Acq: 16 Jun 2016 00:31

Tgt Ion: 330 Resp: 212248
Ion Ratio Lower Upper
330 100
332 96.8 0.0 0.0#
141 32.7 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

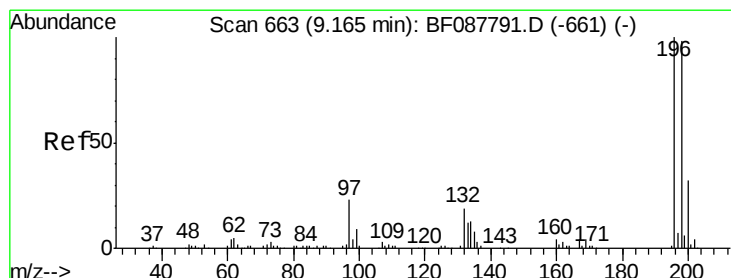
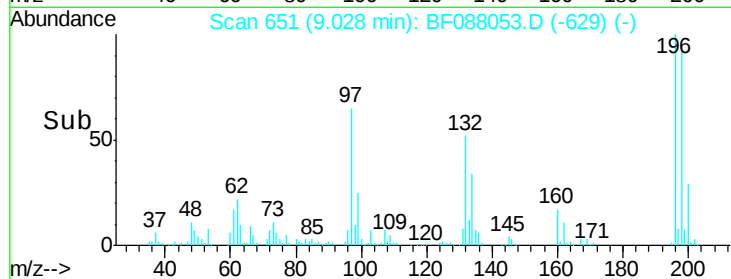
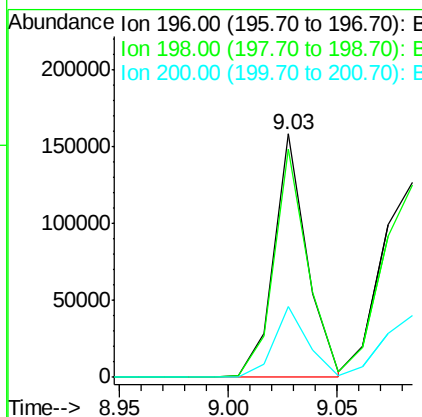
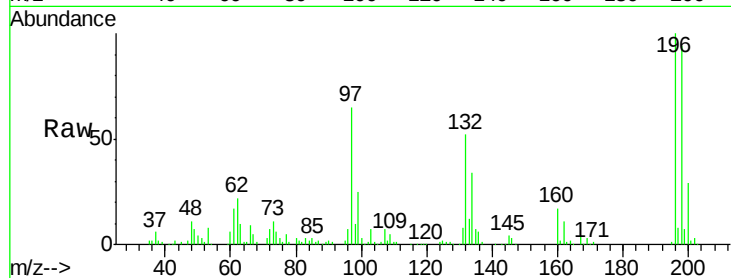




#42
 2,4,6-Trichlorophenol
 Concen: 43.15 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.05 min
 Lab File: BF088053.D
 Acq: 16 Jun 2016 00:31

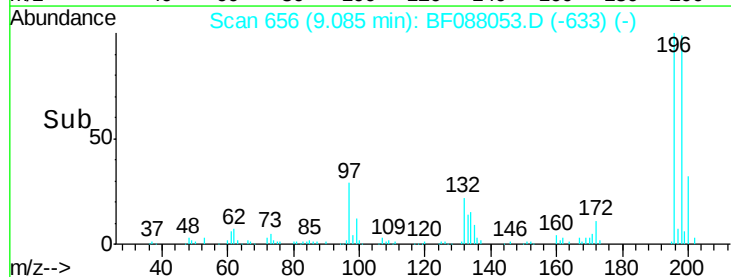
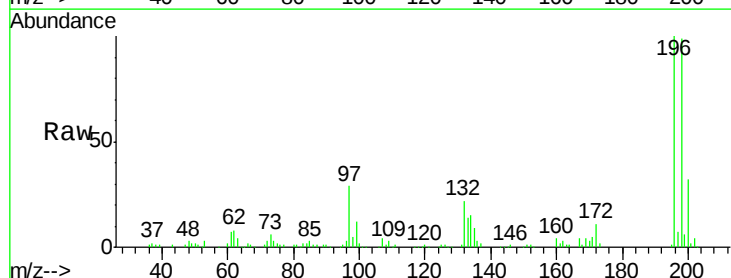
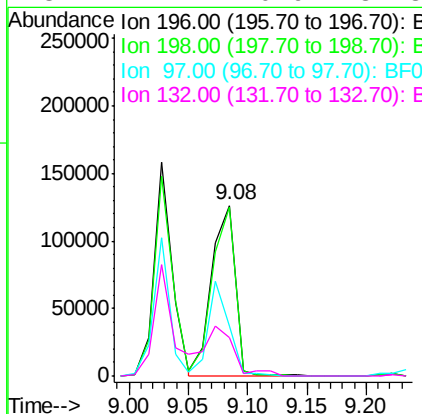
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-52-060916MS

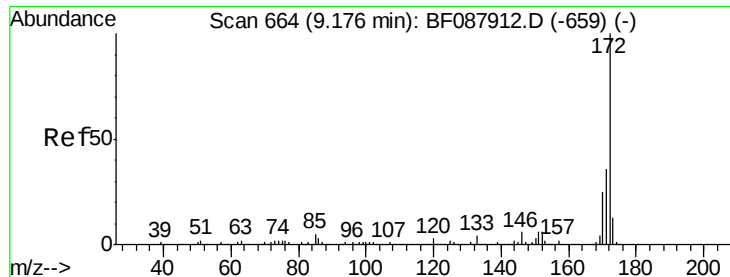
Tgt Ion:196 Resp: 168931
 Ion Ratio Lower Upper
 196 100
 198 93.6 78.0 117.0
 200 29.1 25.4 38.2



#43
 2,4,5-Trichlorophenol
 Concen: 42.75 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.03 min
 Lab File: BF088053.D
 Acq: 16 Jun 2016 00:31

Tgt Ion:196 Resp: 174125
 Ion Ratio Lower Upper
 196 100
 198 98.8 77.5 116.3
 97 29.0 32.0 48.0#
 132 22.2 20.9 31.3

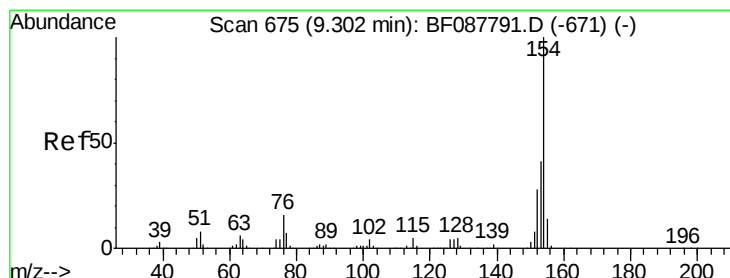
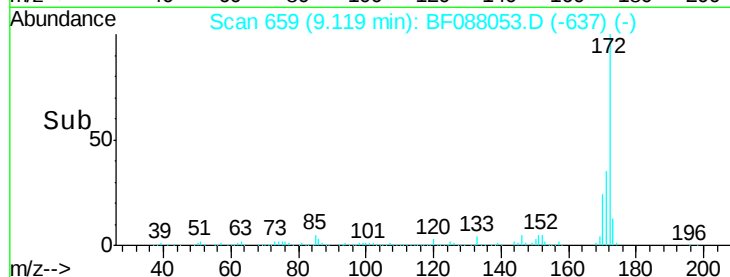
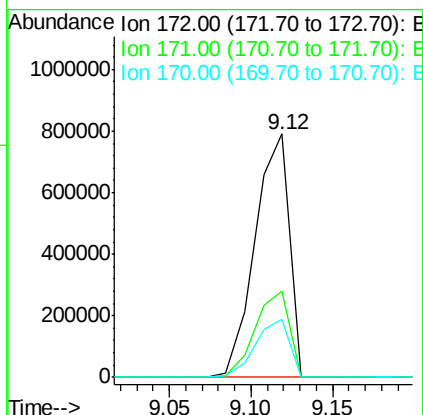
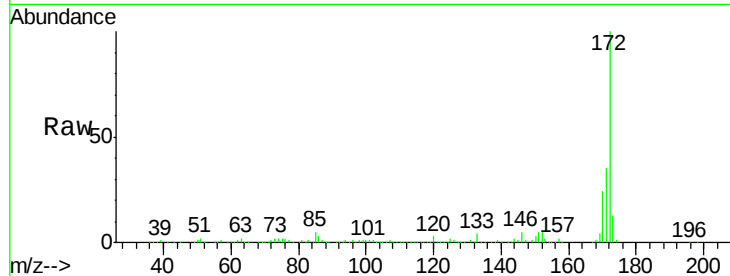




#44
 2-Fluorobiphenyl
 Concen: 92.86 ng
 RT: 9.12 min Scan# 659
 Delta R.T. -0.05 min
 Lab File: BF088053.D
 Acq: 16 Jun 2016 00:31

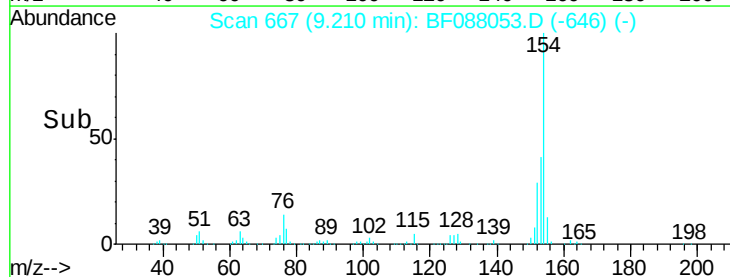
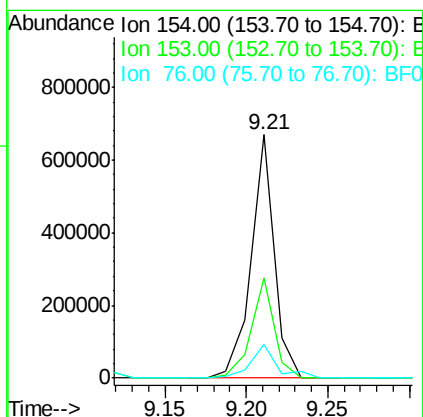
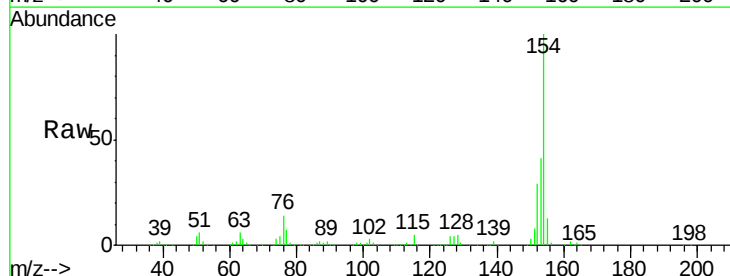
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-52-060916MS

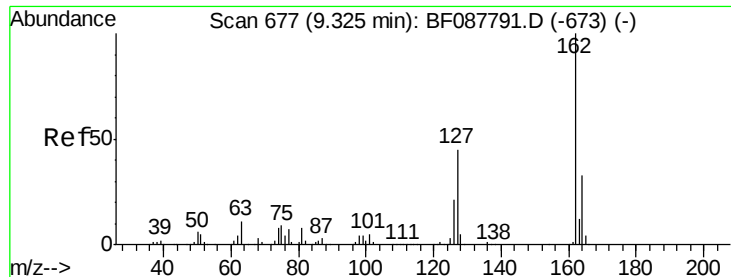
Tgt Ion:172 Resp: 1150963
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.6 43.0
 170 24.0 19.2 28.8



#45
 1,1'-Biphenyl
 Concen: 44.74 ng
 RT: 9.21 min Scan# 667
 Delta R.T. -0.06 min
 Lab File: BF088053.D
 Acq: 16 Jun 2016 00:31

Tgt Ion:154 Resp: 658081
 Ion Ratio Lower Upper
 154 100
 153 41.1 20.6 60.6
 76 14.0 0.0 35.1

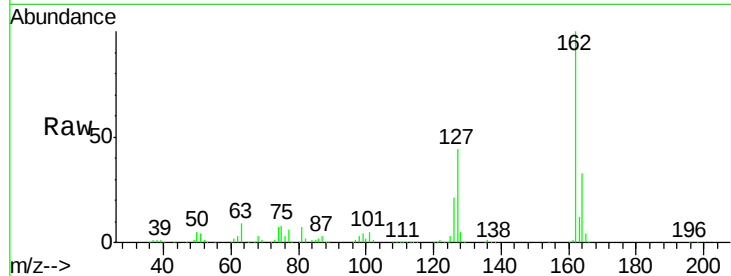




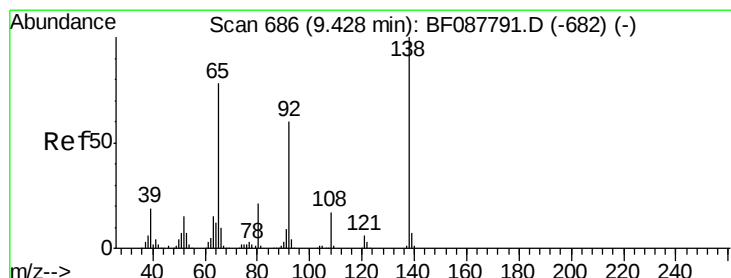
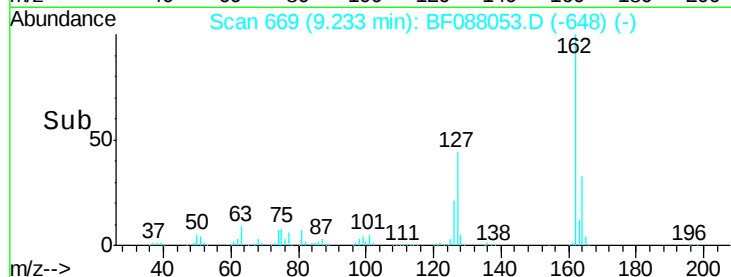
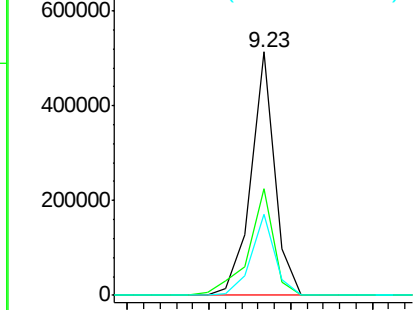
#46
 2-Chloronaphthalene
 Concen: 40.79 ng
 RT: 9.23 min Scan# 669
 Delta R.T. -0.06 min
 Lab File: BF088053.D
 Acq: 16 Jun 2016 00:31

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-52-060916MS

Tgt Ion: 162 Resp: 516762
 Ion Ratio Lower Upper
 162 100
 127 43.9 35.2 52.8
 164 33.2 26.6 39.8

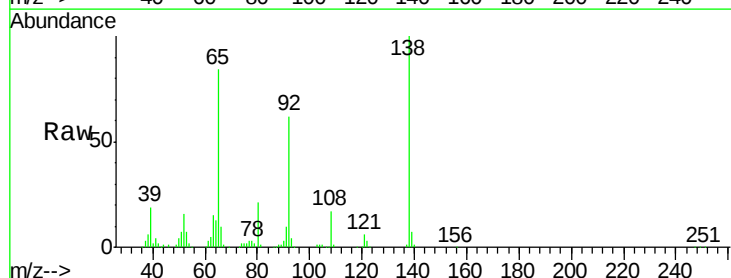


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

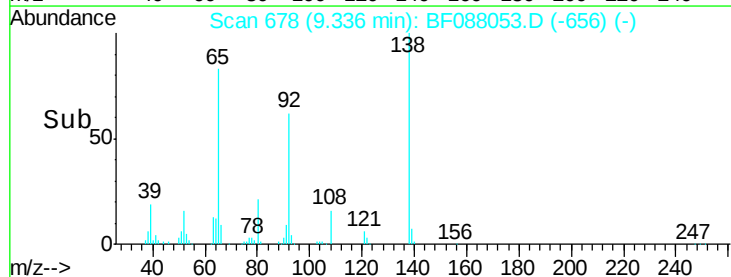
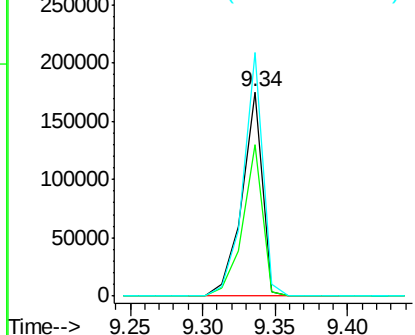


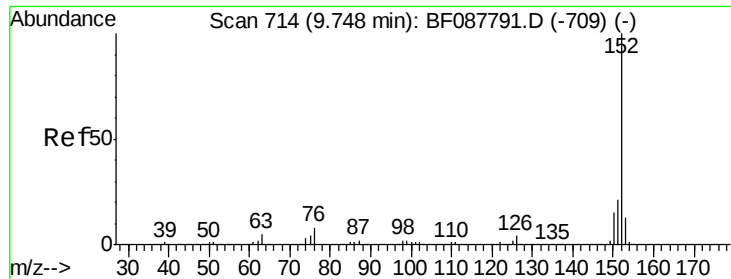
#47
 2-Nitroaniline
 Concen: 45.68 ng
 RT: 9.34 min Scan# 678
 Delta R.T. -0.05 min
 Lab File: BF088053.D
 Acq: 16 Jun 2016 00:31

Tgt Ion: 65 Resp: 170709
 Ion Ratio Lower Upper
 65 100
 92 74.4 54.6 82.0
 138 119.4 77.0 115.4#



Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 40.07 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.06 min

Lab File: BF088053.D

Acq: 16 Jun 2016 00:31

Instrument :

BNA_F

ClientSampleId :

HSR-WC-52-060916MS

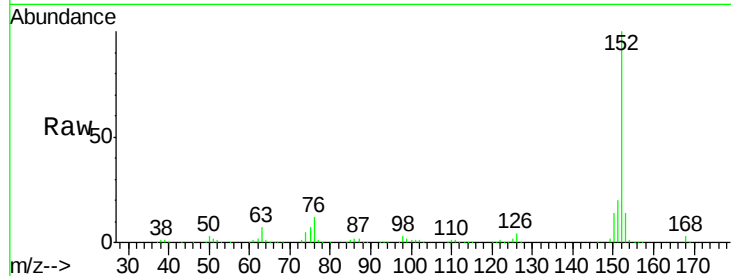
Tgt Ion:152 Resp: 807567

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

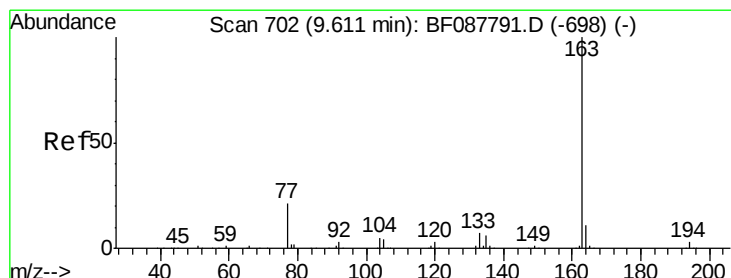
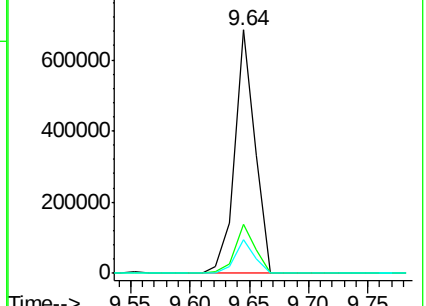
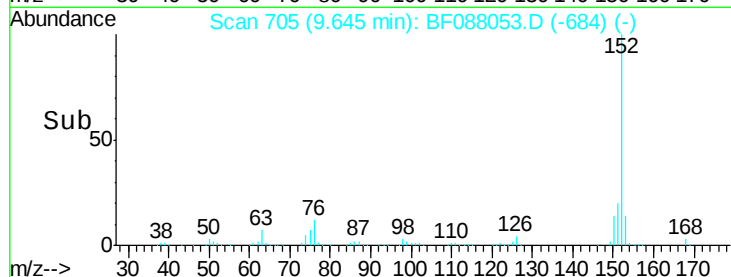
153 13.7 11.0 16.6



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: 43.09 ng

RT: 9.52 min Scan# 694

Delta R.T. -0.05 min

Lab File: BF088053.D

Acq: 16 Jun 2016 00:31

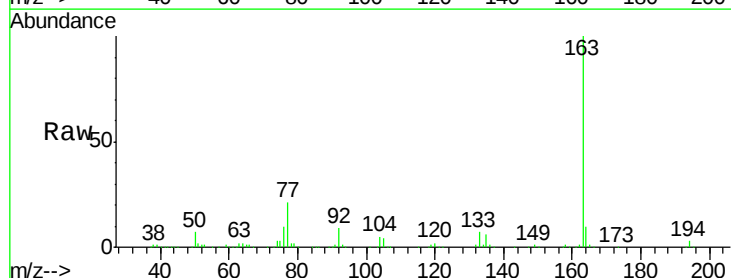
Tgt Ion:163 Resp: 611089

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

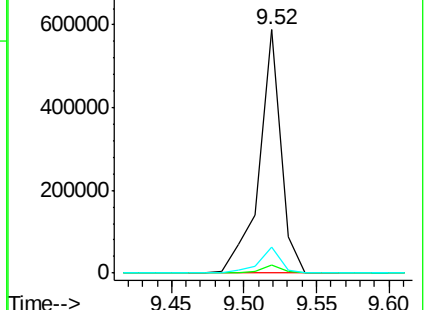
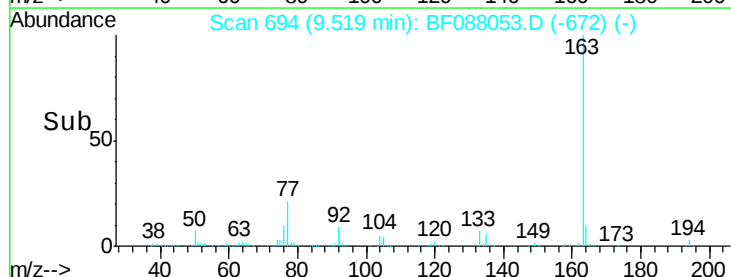
164 10.5 8.3 12.5

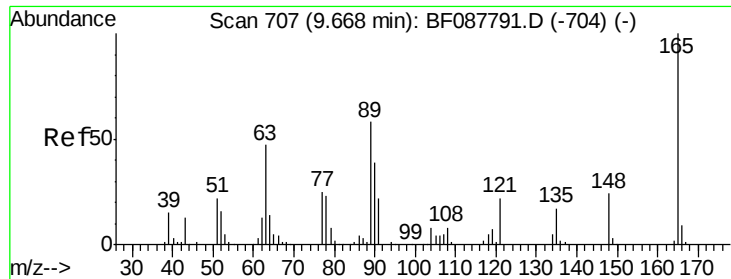


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

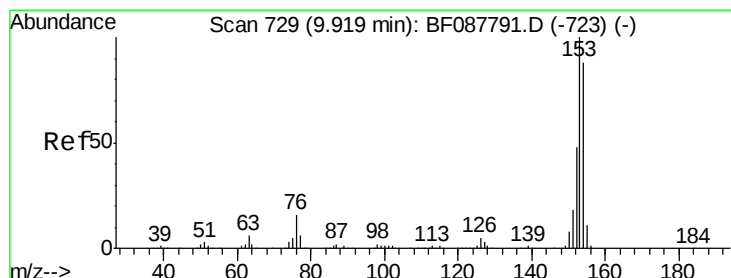
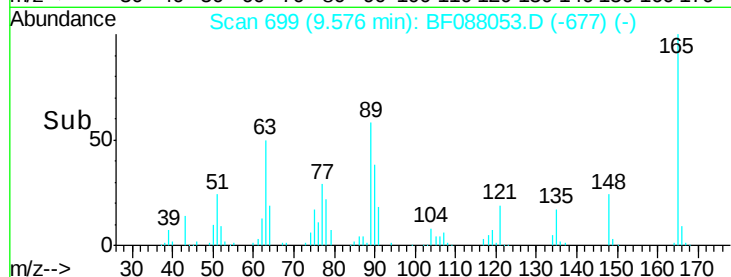
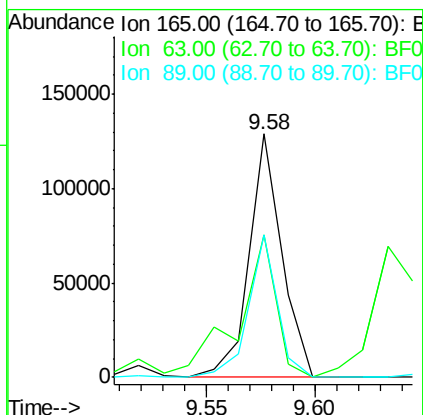
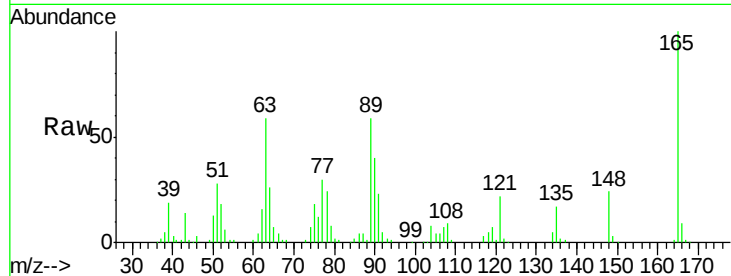




#50
 2,6-Dinitrotoluene
 Concen: 41.28 ng
 RT: 9.58 min Scan# 699
 Delta R.T. -0.05 min
 Lab File: BF088053.D
 Acq: 16 Jun 2016 00:31

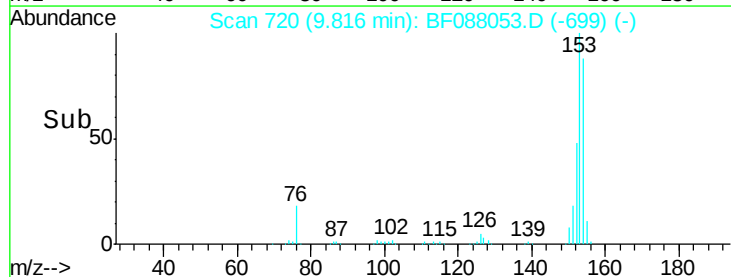
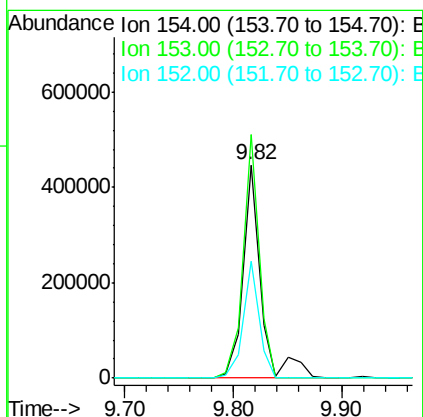
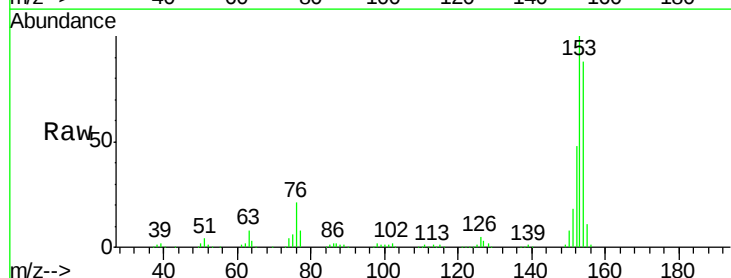
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-52-060916MS

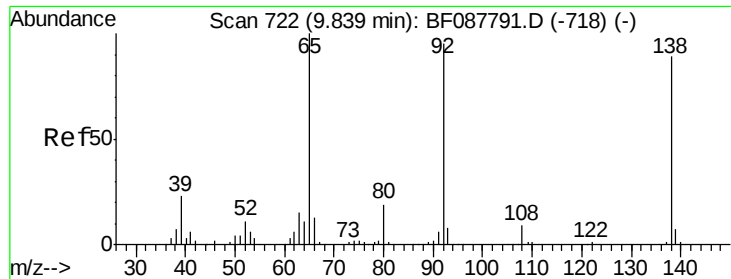
Tgt Ion:165 Resp: 134081
 Ion Ratio Lower Upper
 165 100
 63 58.5 28.1 42.1#
 89 58.5 32.2 48.2#



#51
 Acenaphthene
 Concen: 40.84 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.06 min
 Lab File: BF088053.D
 Acq: 16 Jun 2016 00:31

Tgt Ion:154 Resp: 513426
 Ion Ratio Lower Upper
 154 100
 153 114.2 89.5 134.3
 152 54.6 42.7 64.1

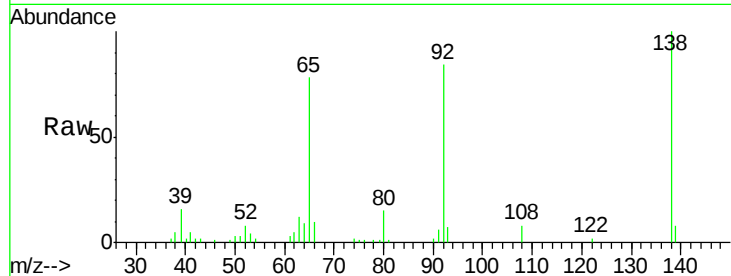




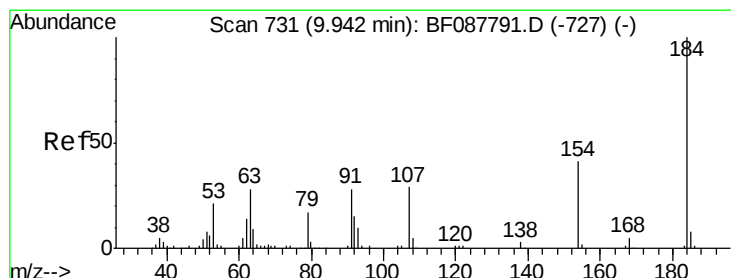
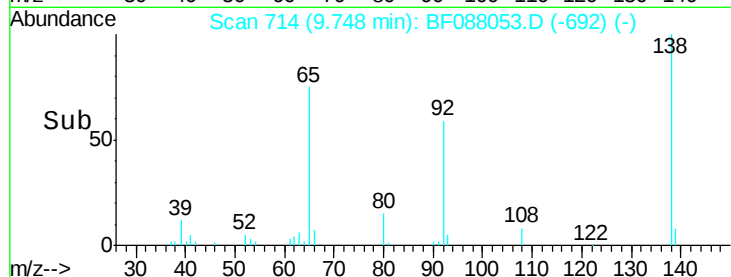
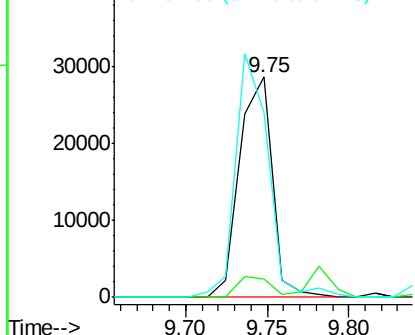
#52
 3-Nitroaniline
 Concen: 10.60 ng
 RT: 9.75 min Scan# 714
 Delta R.T. -0.05 min
 Lab File: BF088053.D
 Acq: 16 Jun 2016 00:31

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-52-060916MS

Tgt Ion:138 Resp: 39716
 Ion Ratio Lower Upper
 138 100
 108 8.2 8.5 12.7#
 92 84.1 95.7 143.5#

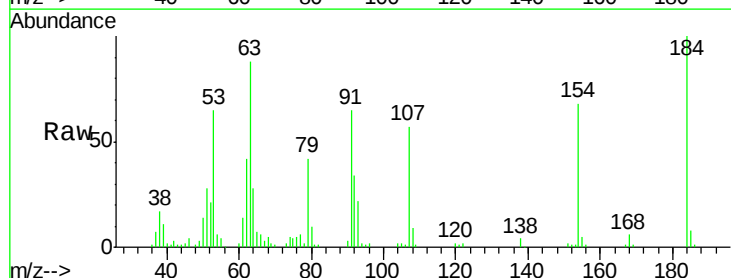


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF0

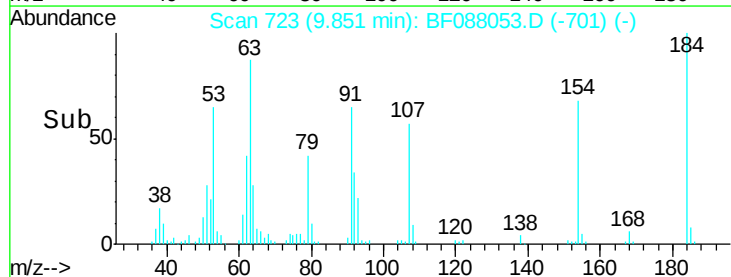
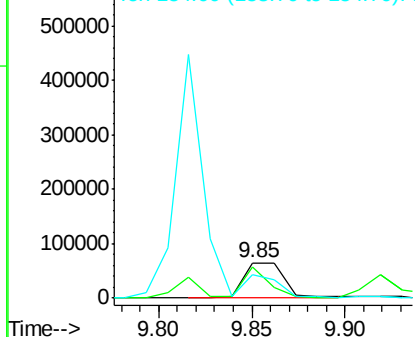


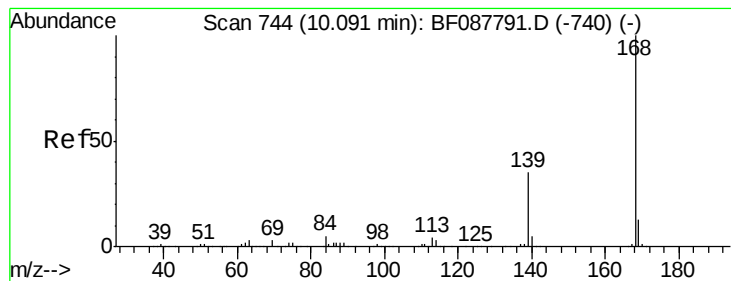
#53
 2,4-Dinitrophenol
 Concen: 59.63 ng
 RT: 9.85 min Scan# 723
 Delta R.T. -0.05 min
 Lab File: BF088053.D
 Acq: 16 Jun 2016 00:31

Tgt Ion:184 Resp: 98827
 Ion Ratio Lower Upper
 184 100
 63 87.6 57.6 86.4#
 154 67.8 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: 38.58 ng

RT: 9.99 min Scan# 735

Delta R.T. -0.06 min

Lab File: BF088053.D

Acq: 16 Jun 2016 00:31

Instrument :

BNA_F

ClientSampleId :

HSR-WC-52-060916MS

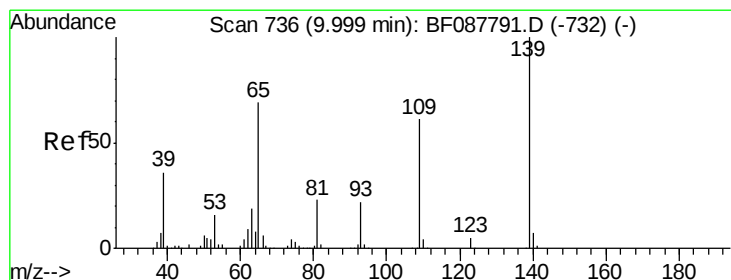
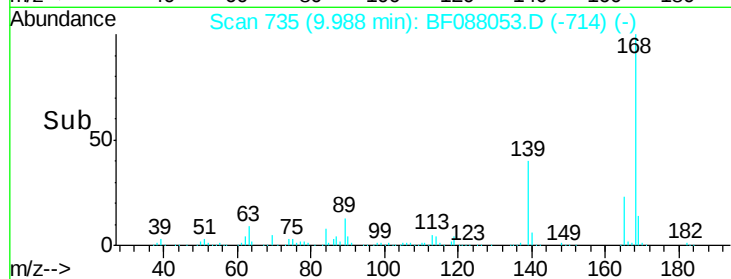
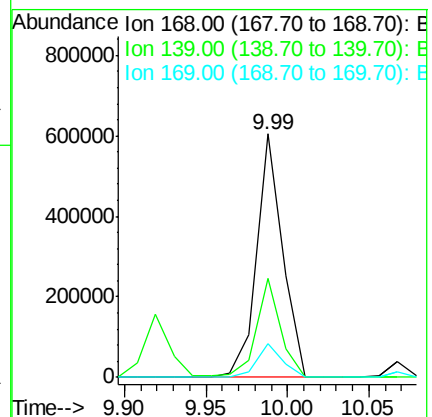
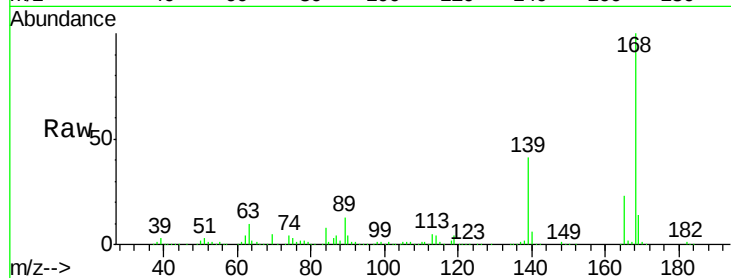
Tgt Ion:168 Resp: 667912

Ion Ratio Lower Upper

168 100

139 40.8 26.4 39.6#

169 13.9 10.4 15.6



#55

4-Nitrophenol

Concen: 59.87 ng

RT: 9.92 min Scan# 729

Delta R.T. -0.03 min

Lab File: BF088053.D

Acq: 16 Jun 2016 00:31

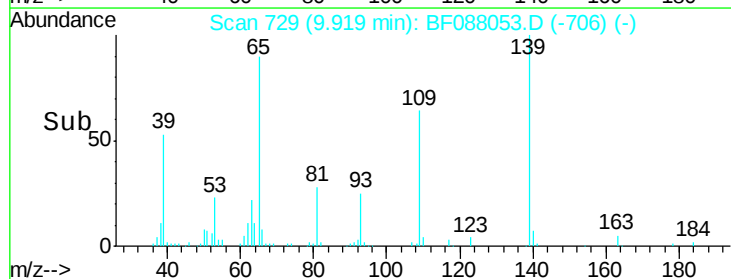
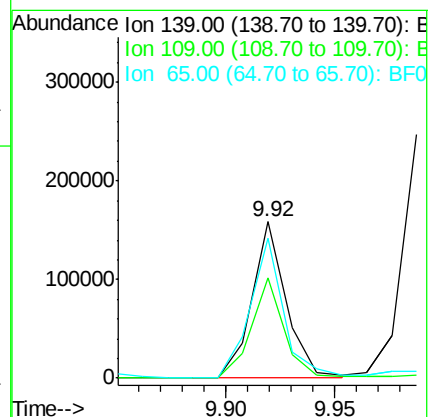
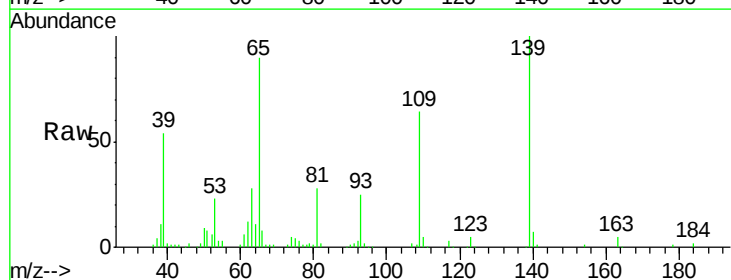
Tgt Ion:139 Resp: 174152

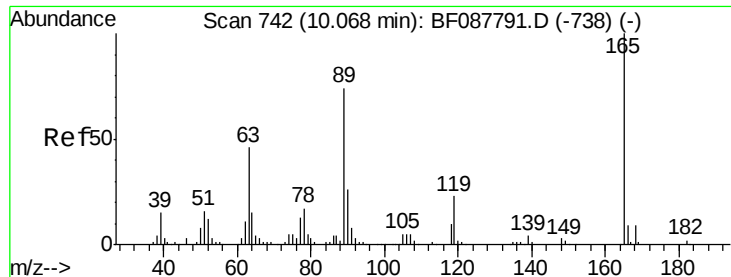
Ion Ratio Lower Upper

139 100

109 64.0 48.9 88.9

65 89.9 84.9 124.9

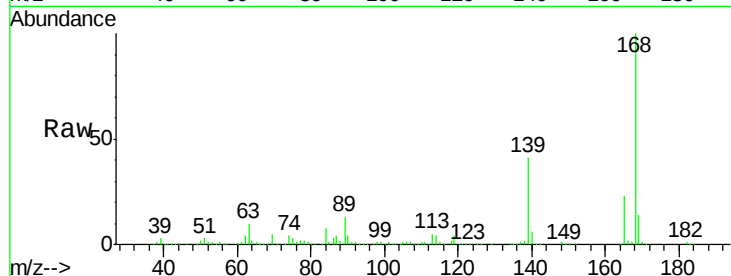




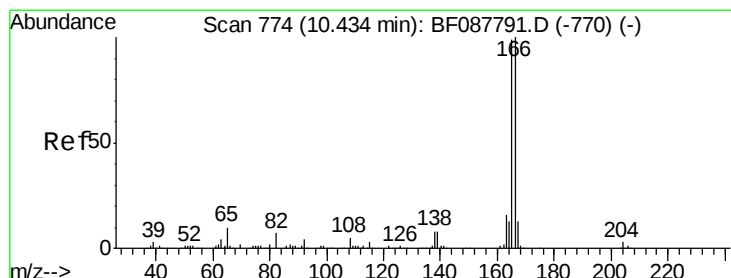
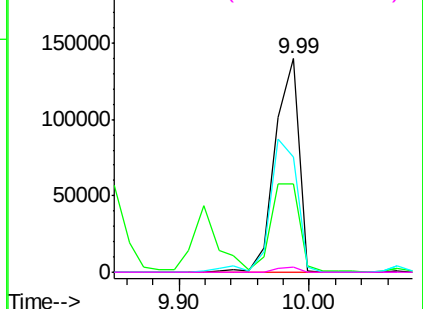
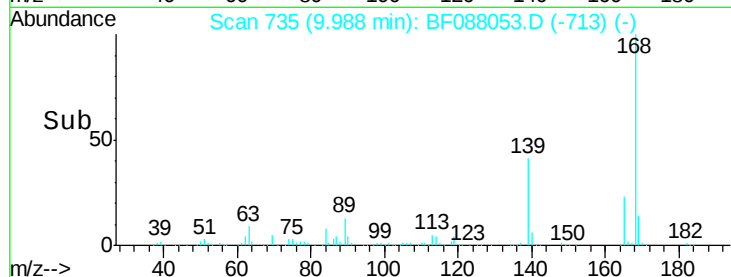
#56
2,4-Dinitrotoluene
Concen: 42.75 ng
RT: 9.99 min Scan# 735
Delta R.T. -0.05 min
Lab File: BF088053.D
Acq: 16 Jun 2016 00:31

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MS

Tgt Ion:165 Resp: 178447
Ion Ratio Lower Upper
165 100
63 41.6 22.0 33.0#
89 54.1 41.1 61.7
182 2.5 2.0 3.0

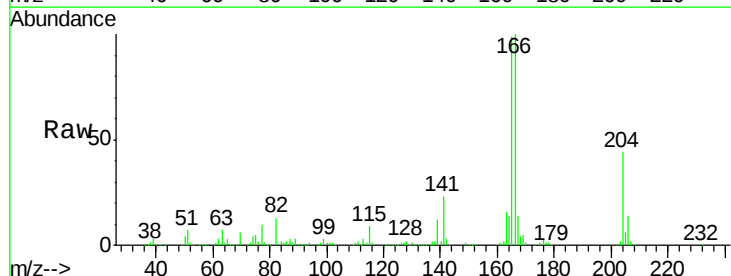


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

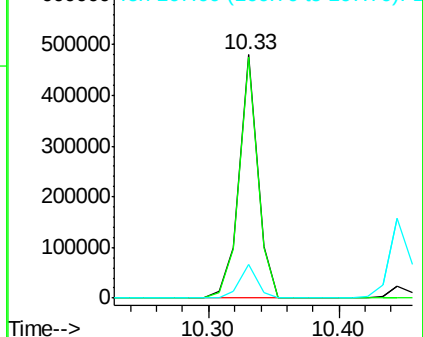
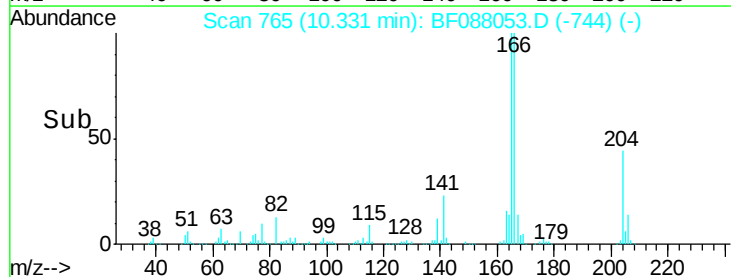


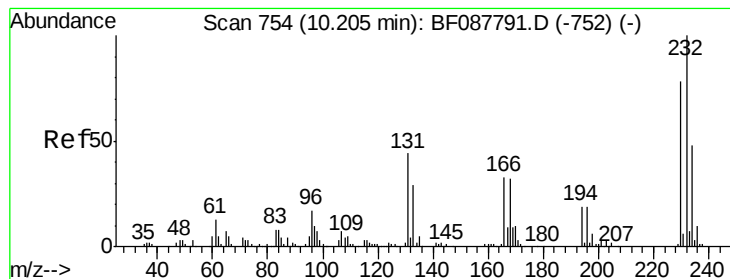
#57
Fluorene
Concen: 40.21 ng
RT: 10.33 min Scan# 765
Delta R.T. -0.06 min
Lab File: BF088053.D
Acq: 16 Jun 2016 00:31

Tgt Ion:166 Resp: 476520
Ion Ratio Lower Upper
166 100
165 99.2 77.8 116.8
167 14.0 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#58

2,3,4,6-Tetrachlorophenol

Concen: 42.86 ng

RT: 10.11 min Scan# 746

Delta R.T. -0.05 min

Lab File: BF088053.D

Acq: 16 Jun 2016 00:31

Instrument :

BNA_F

ClientSampleId :

HSR-WC-52-060916MS

Tgt Ion:232 Resp: 137204

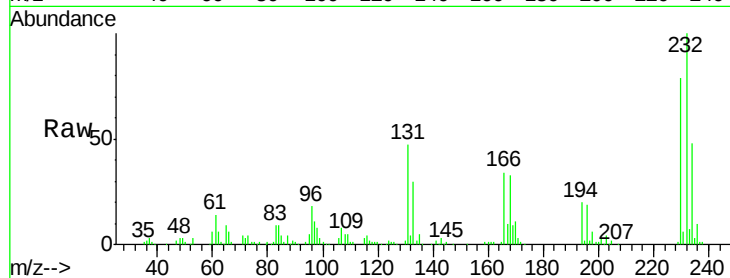
Ion Ratio Lower Upper

232 100

131 50.8 0.9 1.3#

130 2.3 1.5 2.3#

166 33.8 0.5 0.7#

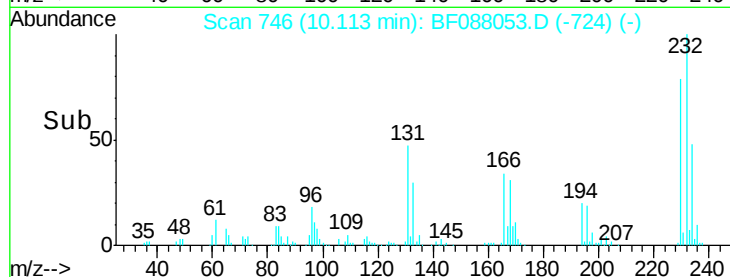


Abundance Ion 232.00 (231.70 to 232.70): E

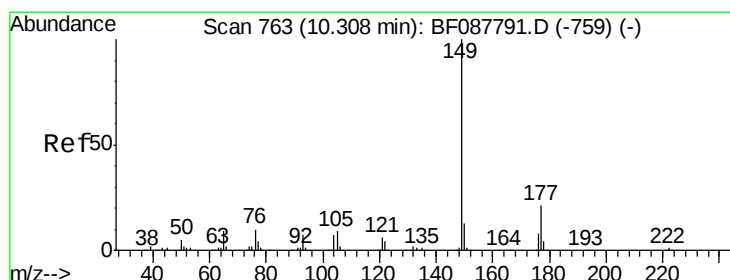
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->



#59

Diethylphthalate

Concen: 42.62 ng

RT: 10.22 min Scan# 755

Delta R.T. -0.05 min

Lab File: BF088053.D

Acq: 16 Jun 2016 00:31

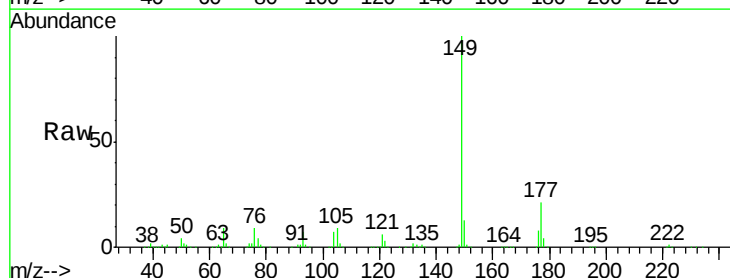
Tgt Ion:149 Resp: 611852

Ion Ratio Lower Upper

149 100

177 21.1 16.9 25.3

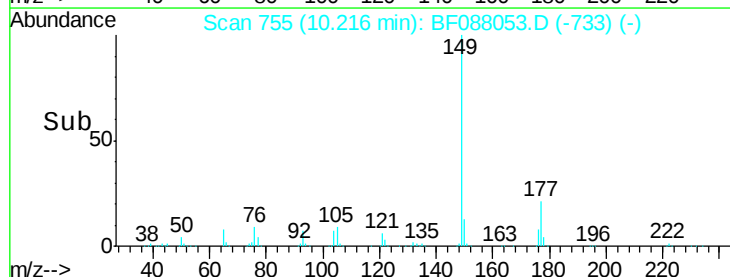
150 12.6 10.1 15.1



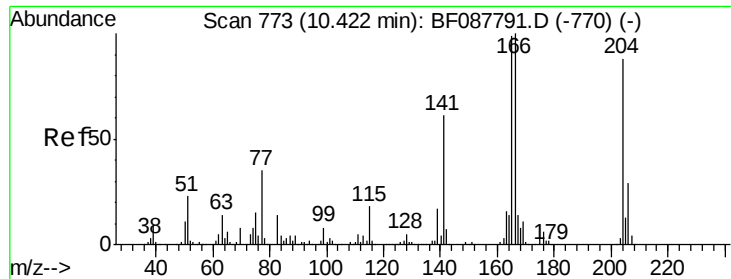
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



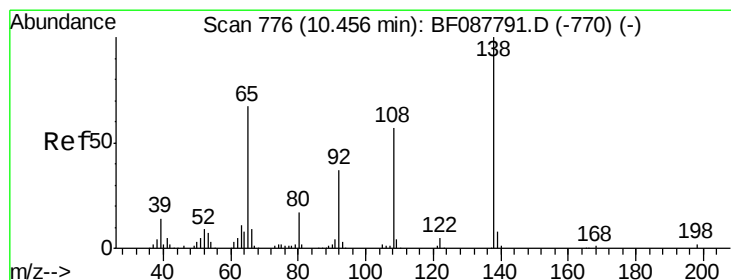
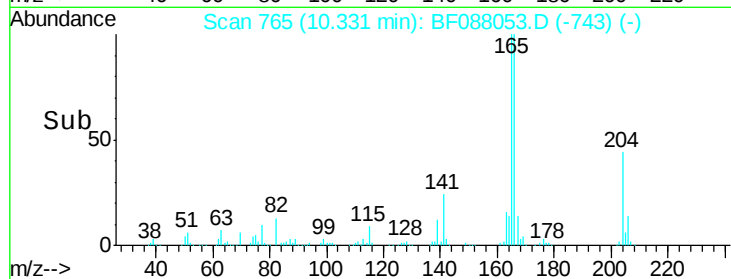
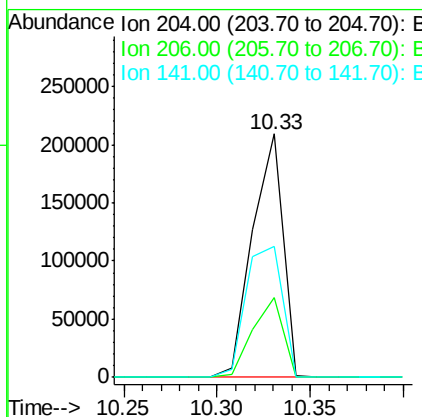
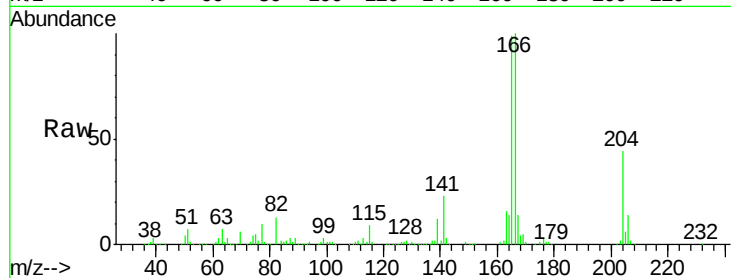
Time-->



#60
 4-Chlorophenyl-phenylether
 Concen: 41.15 ng
 RT: 10.33 min Scan# 765
 Delta R.T. -0.05 min
 Lab File: BF088053.D
 Acq: 16 Jun 2016 00:31

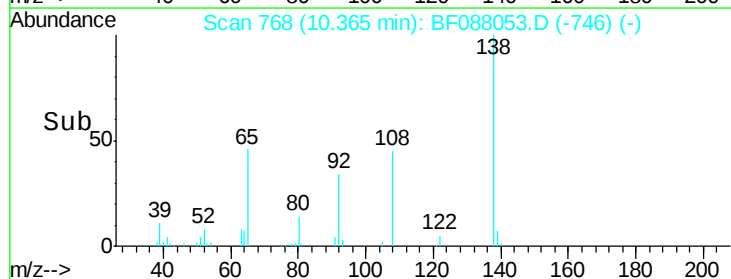
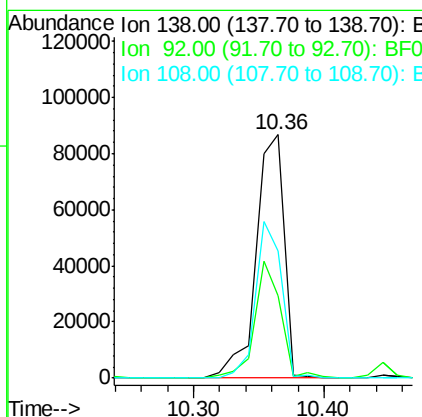
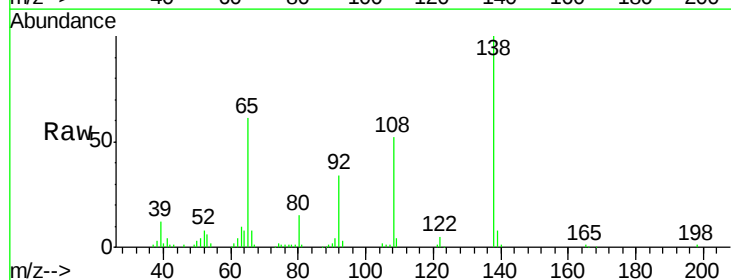
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-52-060916MS

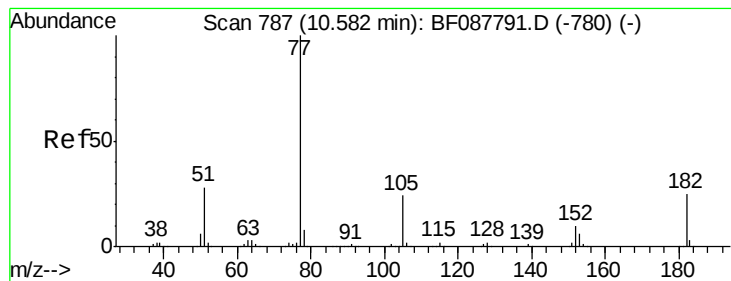
Tgt Ion: 204 Resp: 236929
 Ion Ratio Lower Upper
 204 100
 206 32.9 26.3 39.5
 141 53.6 55.0 82.6#



#61
 4-Nitroaniline
 Concen: 36.79 ng
 RT: 10.36 min Scan# 768
 Delta R.T. -0.05 min
 Lab File: BF088053.D
 Acq: 16 Jun 2016 00:31

Tgt Ion: 138 Resp: 130776
 Ion Ratio Lower Upper
 138 100
 92 33.9 27.3 67.3
 108 52.5 46.7 86.7





#62

Azobenzene

Concen: 41.63 ng

RT: 10.49 min Scan# 779

Delta R.T. -0.05 min

Lab File: BF088053.D

Acq: 16 Jun 2016 00:31

Instrument :

BNA_F

ClientSampleId :

HSR-WC-52-060916MS

Tgt Ion: 77 Resp: 590952

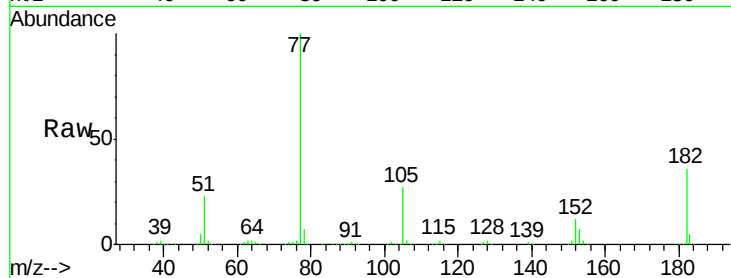
Ion Ratio Lower Upper

77 100

182 36.5 4.4 44.4

105 27.3 3.8 43.8

51 22.9 9.3 49.3

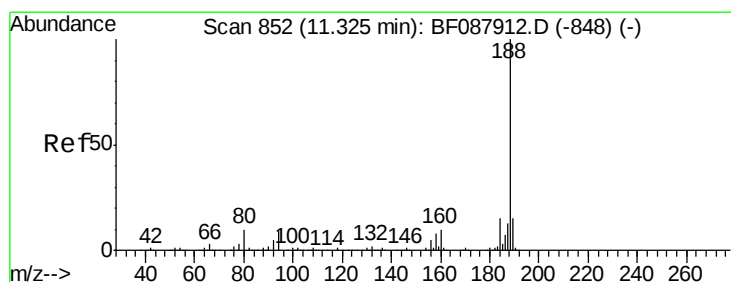
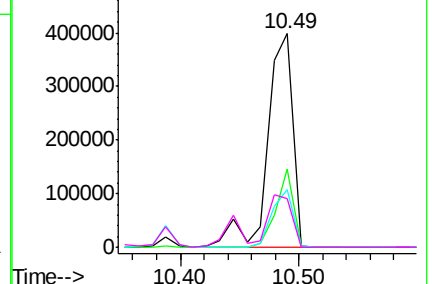
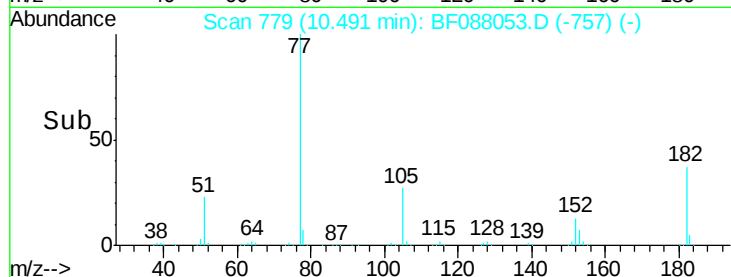


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.27 min Scan# 847

Delta R.T. -0.05 min

Lab File: BF088053.D

Acq: 16 Jun 2016 00:31

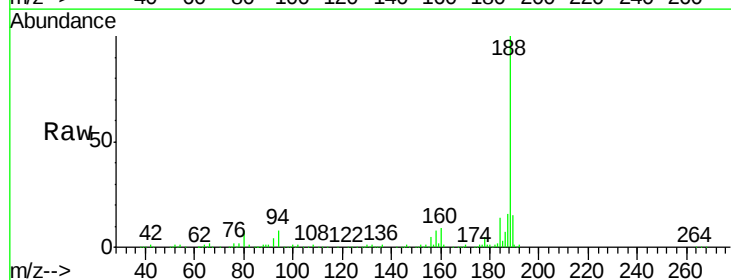
Tgt Ion: 188 Resp: 324129

Ion Ratio Lower Upper

188 100

94 7.8 9.0 13.6#

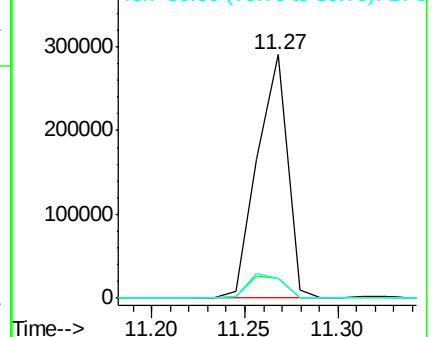
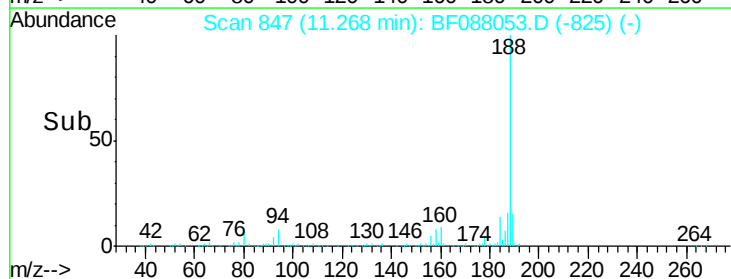
80 7.8 10.0 15.0#

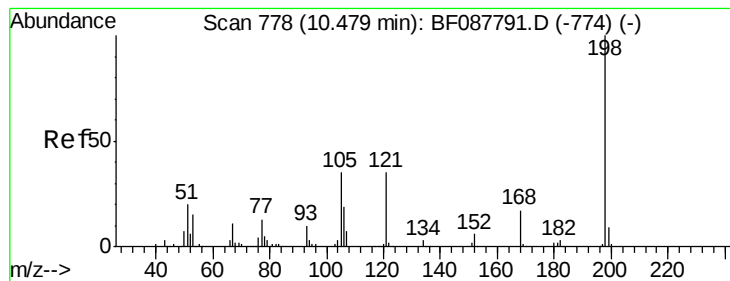


Abundance Ion 188.00 (187.70 to 188.70): E

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: 36.58 ng

RT: 10.39 min Scan# 770

Delta R.T. -0.05 min

Lab File: BF088053.D

Acq: 16 Jun 2016 00:31

Instrument :

BNA_F

ClientSampleId :

HSR-WC-52-060916MS

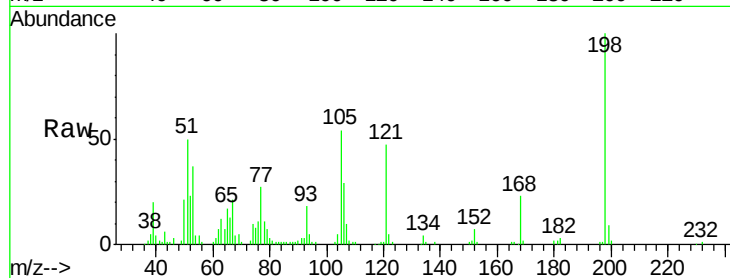
Tgt Ion:198 Resp: 72924

Ion Ratio Lower Upper

198 100

51 50.0 39.6 79.6

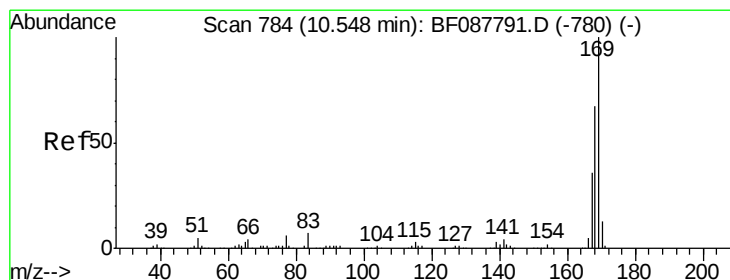
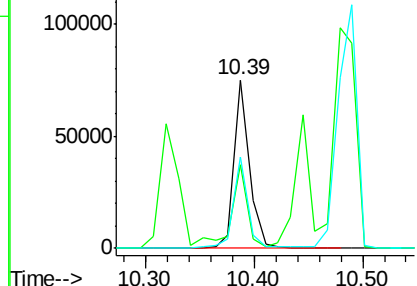
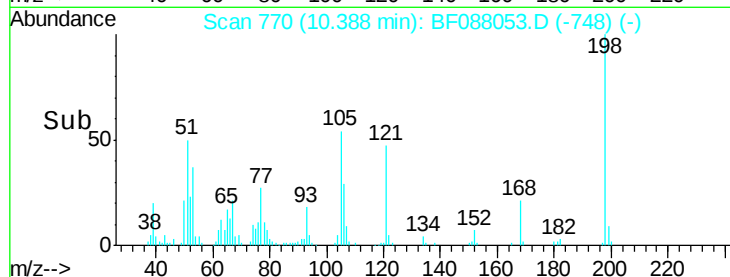
105 54.1 36.6 76.6



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: 44.55 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.06 min

Lab File: BF088053.D

Acq: 16 Jun 2016 00:31

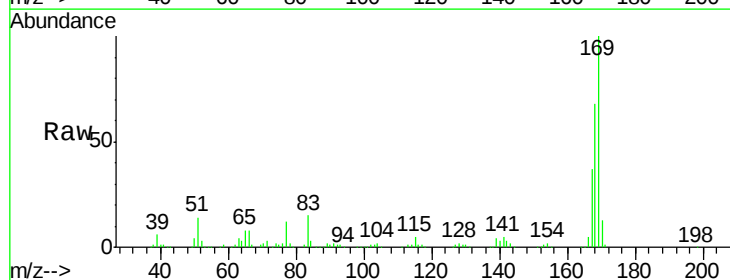
Tgt Ion:169 Resp: 479097

Ion Ratio Lower Upper

169 100

168 67.7 53.4 80.0

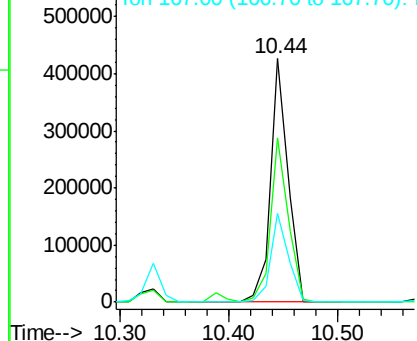
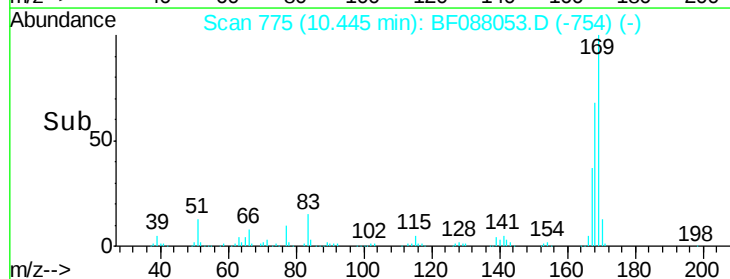
167 36.7 29.4 44.0



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

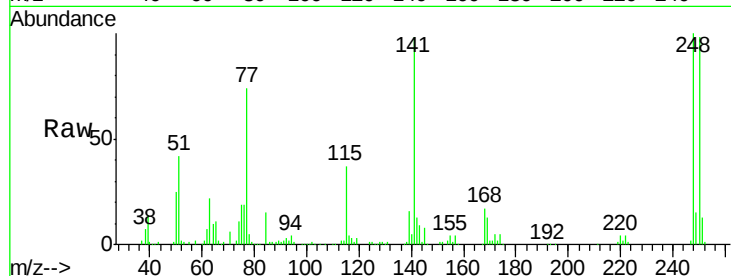




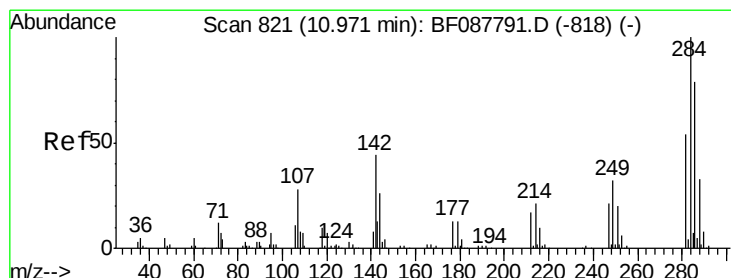
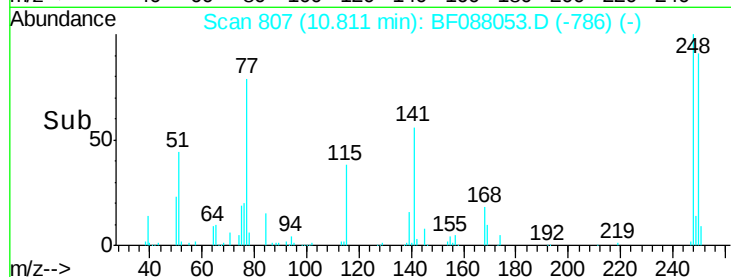
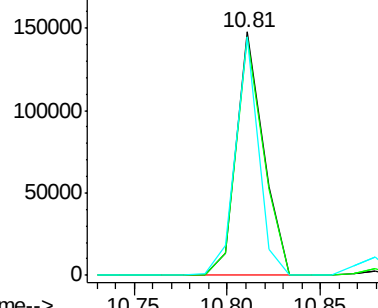
#66
 4-Bromophenyl-phenylether
 Concen: 42.55 ng
 RT: 10.81 min Scan# 807
 Delta R.T. -0.06 min
 Lab File: BF088053.D
 Acq: 16 Jun 2016 00:31

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-52-060916MS

Tgt Ion:248 Resp: 147950
 Ion Ratio Lower Upper
 248 100
 250 97.8 77.1 115.7
 141 98.1 50.6 76.0#

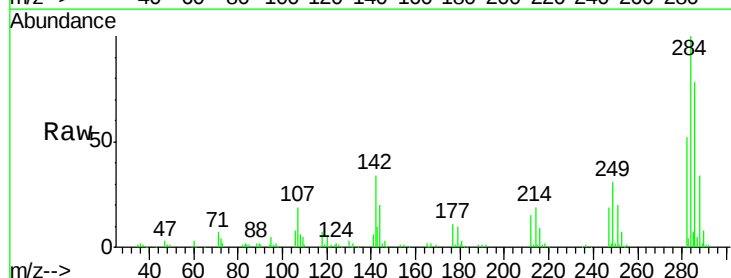


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

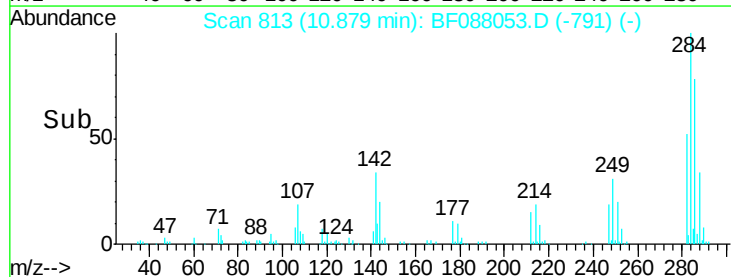
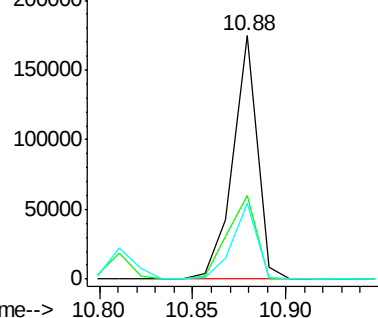


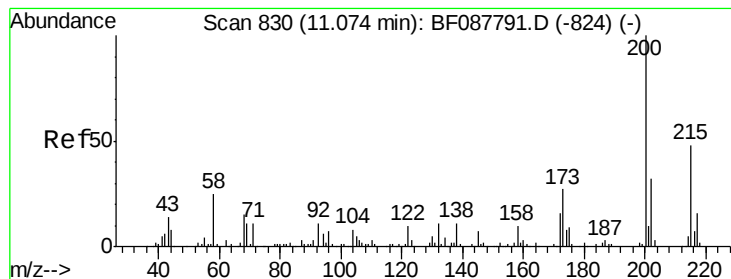
#67
 Hexachlorobenzene
 Concen: 43.56 ng
 RT: 10.88 min Scan# 813
 Delta R.T. -0.05 min
 Lab File: BF088053.D
 Acq: 16 Jun 2016 00:31

Tgt Ion:284 Resp: 157384
 Ion Ratio Lower Upper
 284 100
 142 34.2 35.8 53.8#
 249 30.9 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: 43.32 ng

RT: 10.98 min Scan# 822

Delta R.T. -0.05 min

Lab File: BF088053.D

Acq: 16 Jun 2016 00:31

Instrument :

BNA_F

ClientSampleId :

HSR-WC-52-060916MS

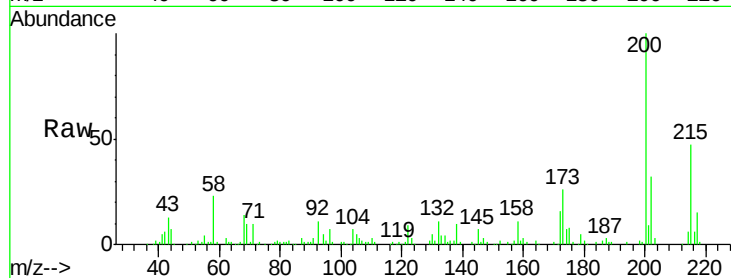
Tgt Ion:200 Resp: 141096

Ion Ratio Lower Upper

200 100

173 26.2 4.0 44.0

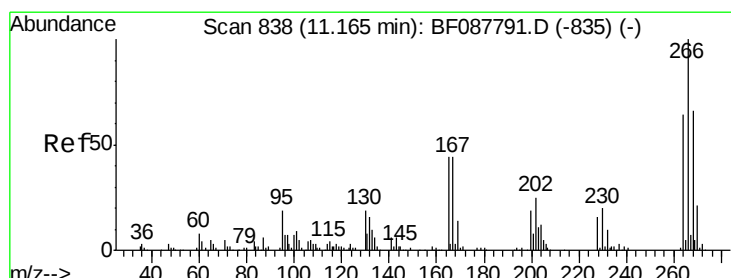
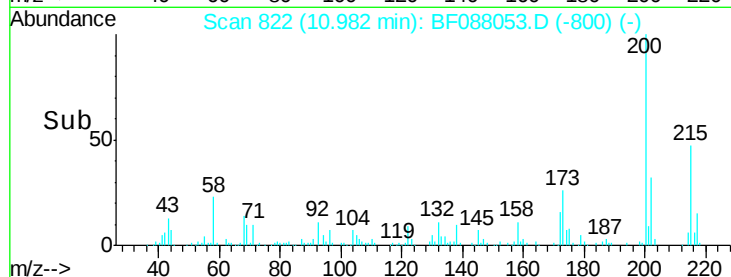
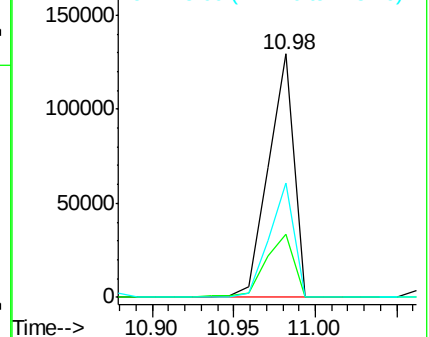
215 46.8 29.3 69.3



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: 79.25 ng

RT: 11.07 min Scan# 830

Delta R.T. -0.05 min

Lab File: BF088053.D

Acq: 16 Jun 2016 00:31

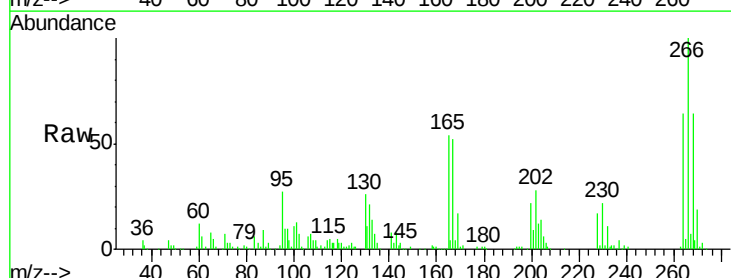
Tgt Ion:266 Resp: 150936

Ion Ratio Lower Upper

266 100

268 64.1 52.8 79.2

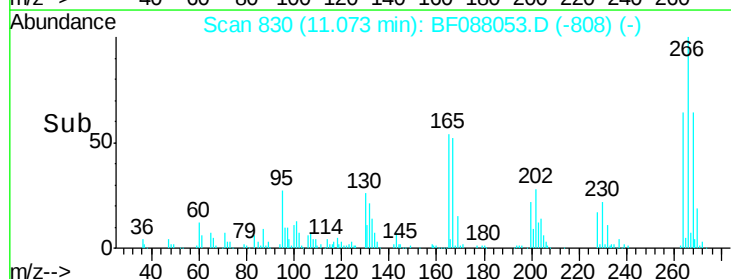
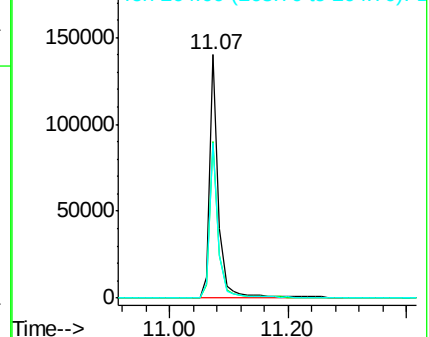
264 64.0 49.6 74.4

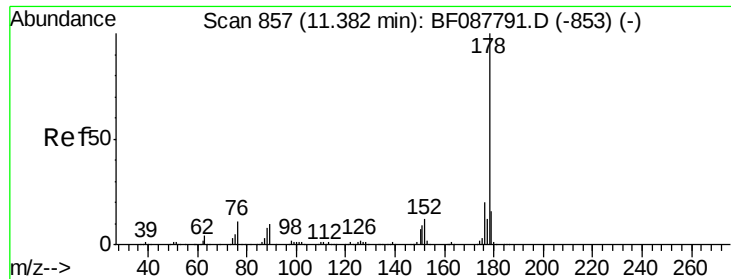


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

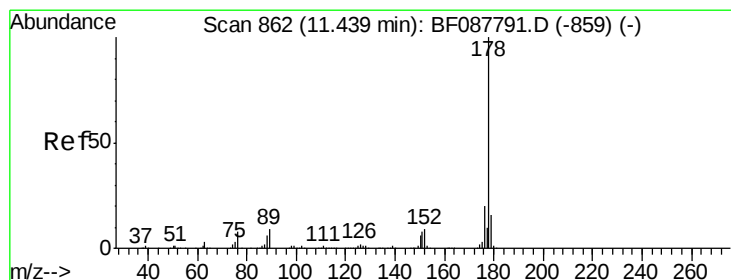
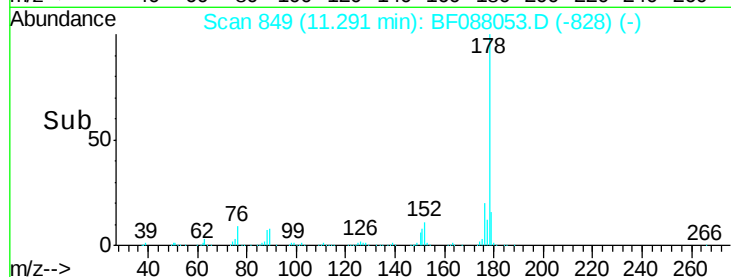
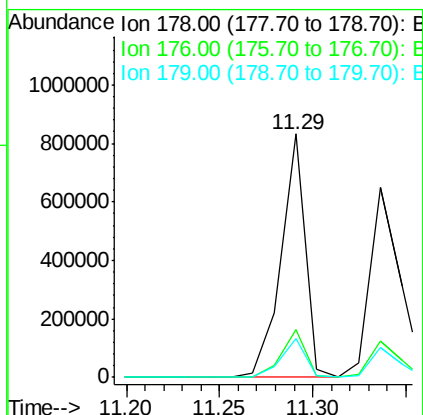
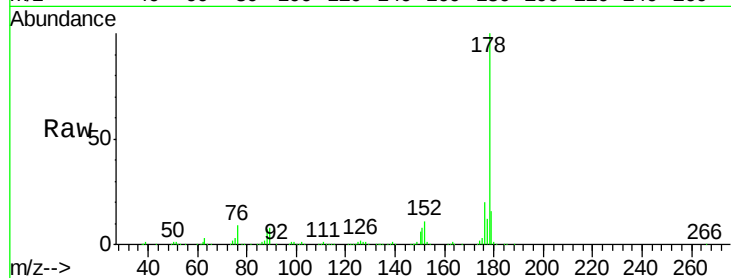




#70
Phenanthrene
Concen: 44.29 ng
RT: 11.29 min Scan# 849
Delta R.T. -0.06 min
Lab File: BF088053.D
Acq: 16 Jun 2016 00:31

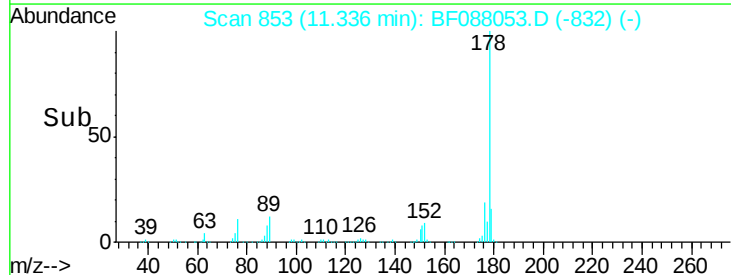
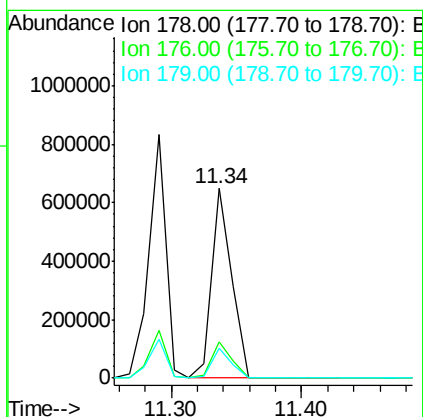
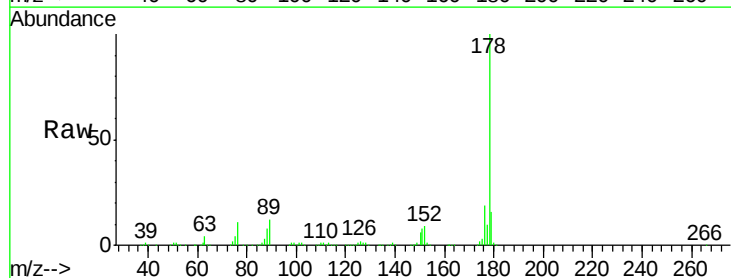
Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MS

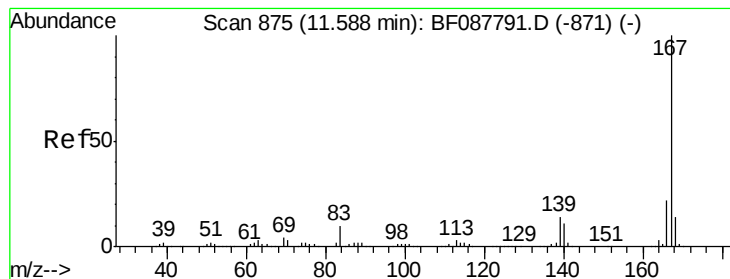
Tgt Ion:178 Resp: 753249
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.6
179 15.7 13.0 19.4



#71
Anthracene
Concen: 40.70 ng
RT: 11.34 min Scan# 853
Delta R.T. -0.06 min
Lab File: BF088053.D
Acq: 16 Jun 2016 00:31

Tgt Ion:178 Resp: 698323
Ion Ratio Lower Upper
178 100
176 19.0 15.6 23.4
179 16.0 12.8 19.2





#72

Carbazole

Concen: 39.63 ng

RT: 11.50 min Scan# 867

Delta R.T. -0.06 min

Lab File: BF088053.D

Acq: 16 Jun 2016 00:31

Instrument :

BNA_F

ClientSampleId :

HSR-WC-52-060916MS

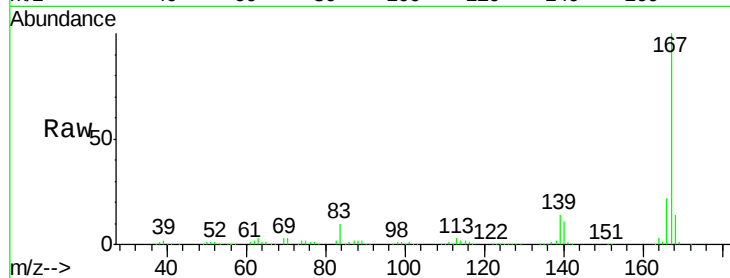
Tgt Ion:167 Resp: 636337

Ion Ratio Lower Upper

167 100

166 22.1 17.8 26.6

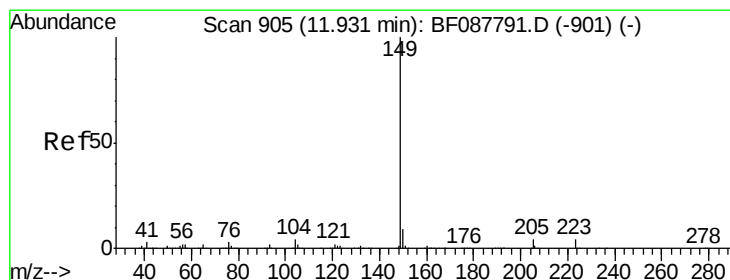
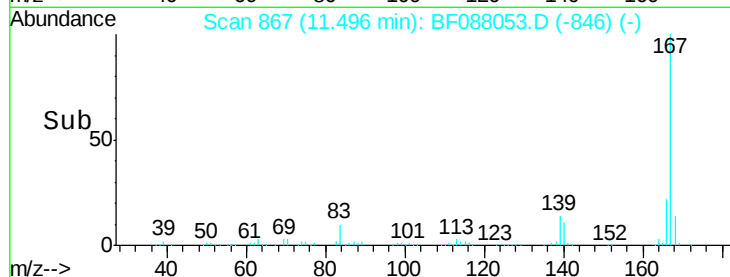
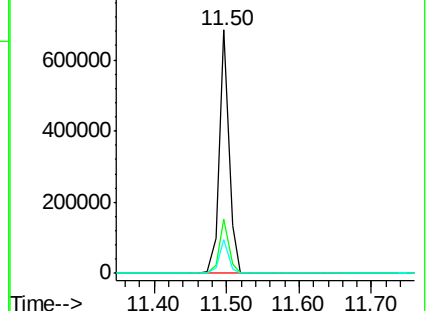
139 14.0 11.2 16.8



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: 44.50 ng

RT: 11.84 min Scan# 897

Delta R.T. -0.05 min

Lab File: BF088053.D

Acq: 16 Jun 2016 00:31

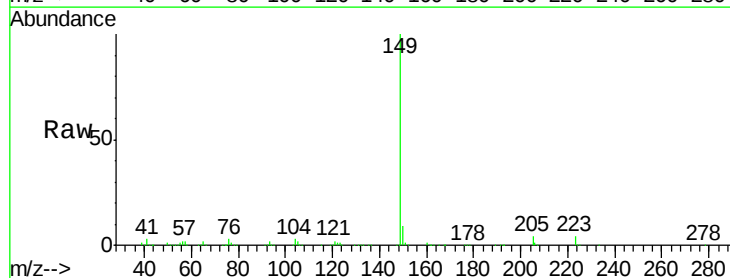
Tgt Ion:149 Resp: 904462

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

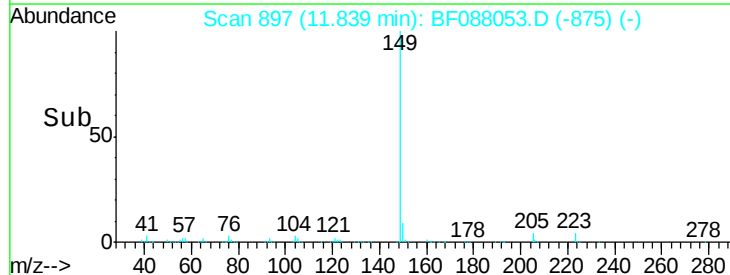
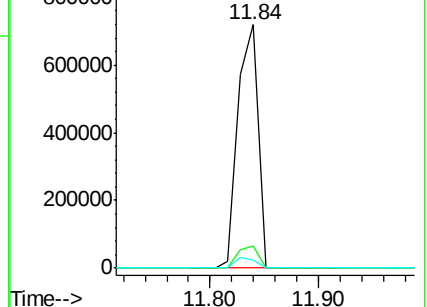
104 3.5 4.0 6.0#

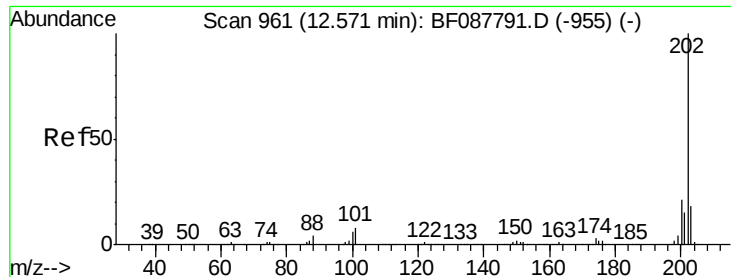


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

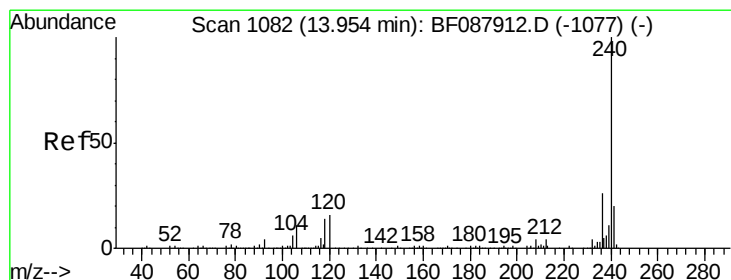
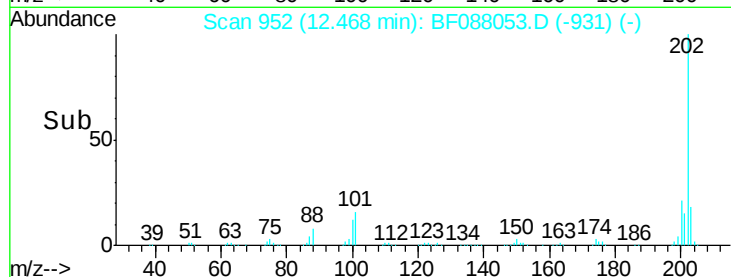
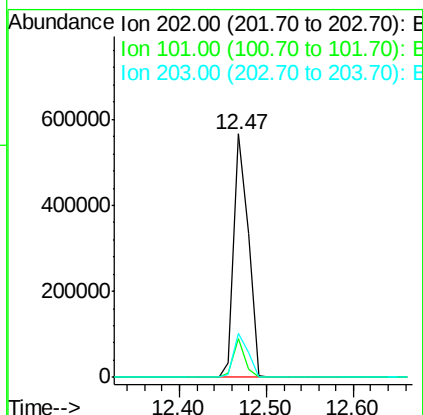
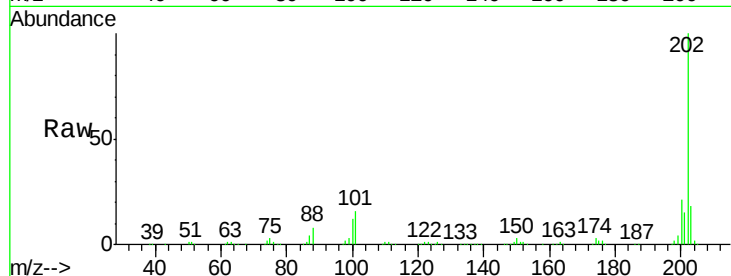




#74
 Fluoranthene
 Concen: 36.05 ng
 RT: 12.47 min Scan# 952
 Delta R.T. -0.06 min
 Lab File: BF088053.D
 Acq: 16 Jun 2016 00:31

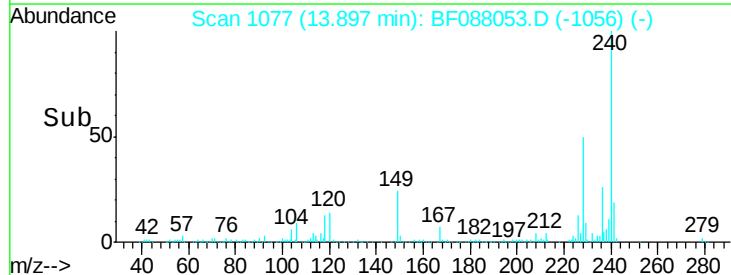
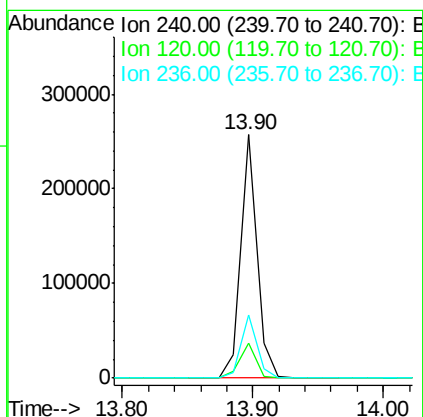
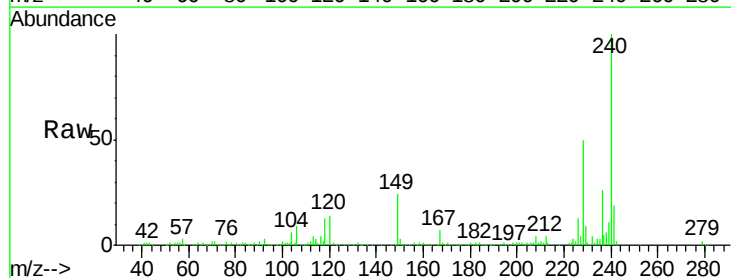
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-52-060916MS

Tgt Ion: 202 Resp: 647043
 Ion Ratio Lower Upper
 202 100
 101 16.2 0.0 33.1
 203 17.9 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.90 min Scan# 1077
 Delta R.T. -0.06 min
 Lab File: BF088053.D
 Acq: 16 Jun 2016 00:31

Tgt Ion: 240 Resp: 221058
 Ion Ratio Lower Upper
 240 100
 120 14.2 6.8 10.2#
 236 25.8 20.2 30.2

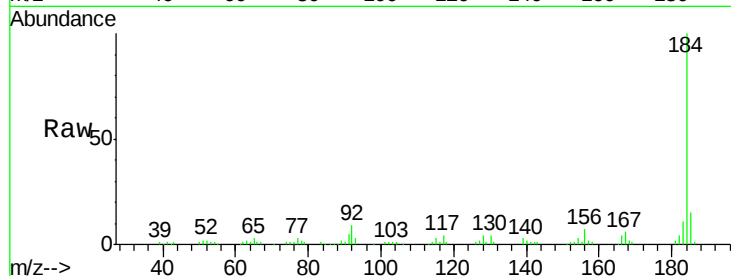




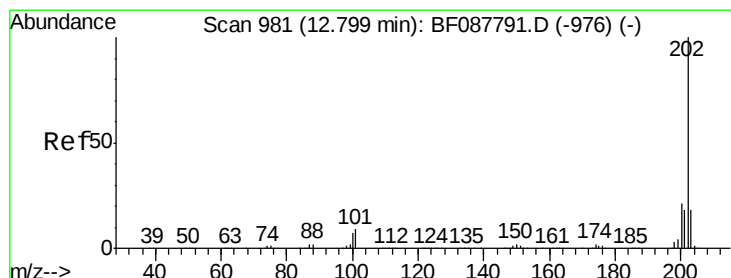
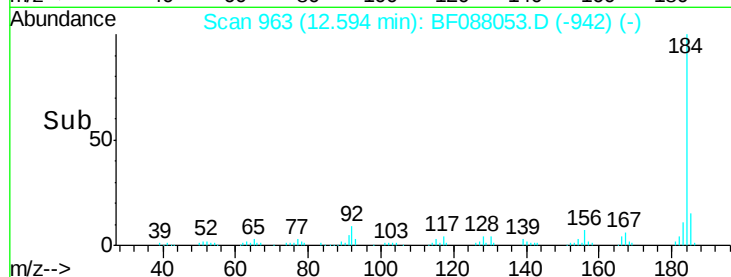
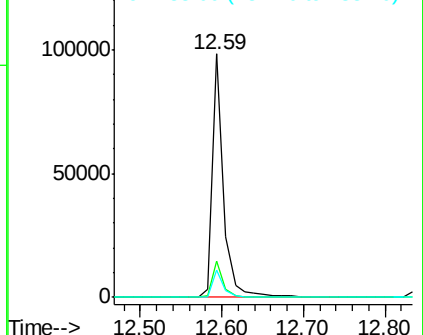
#76
Benzidine
Concen: 15.55 ng
RT: 12.59 min Scan# 963
Delta R.T. -0.06 min
Lab File: BF088053.D
Acq: 16 Jun 2016 00:31

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MS

Tgt Ion:184 Resp: 95199
Ion Ratio Lower Upper
184 100
185 14.8 12.5 18.7
183 11.2 9.3 13.9

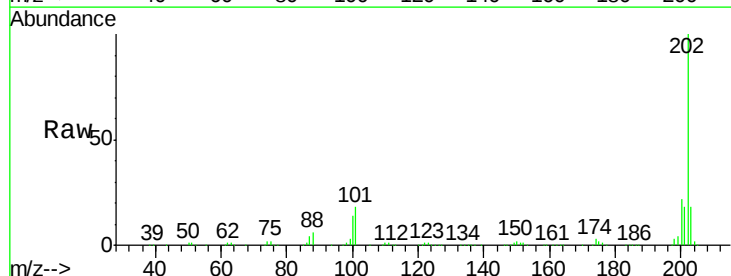


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

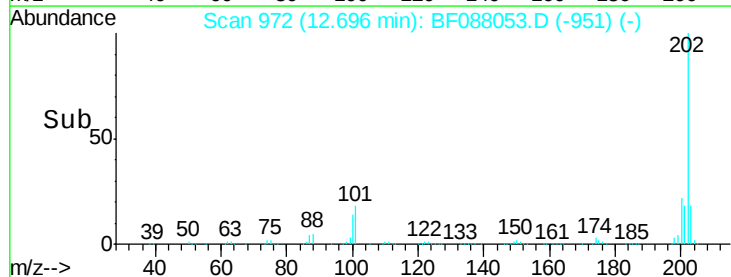
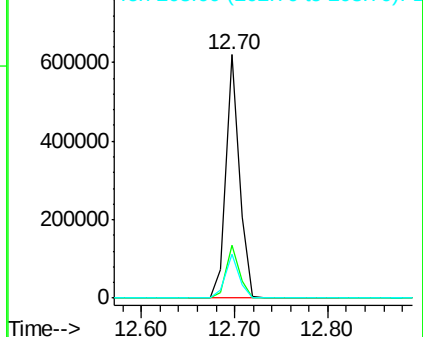


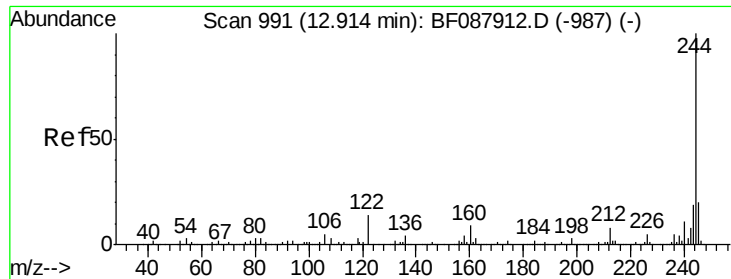
#77
Pyrene
Concen: 37.91 ng
RT: 12.70 min Scan# 972
Delta R.T. -0.06 min
Lab File: BF088053.D
Acq: 16 Jun 2016 00:31

Tgt Ion:202 Resp: 621948
Ion Ratio Lower Upper
202 100
200 21.6 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

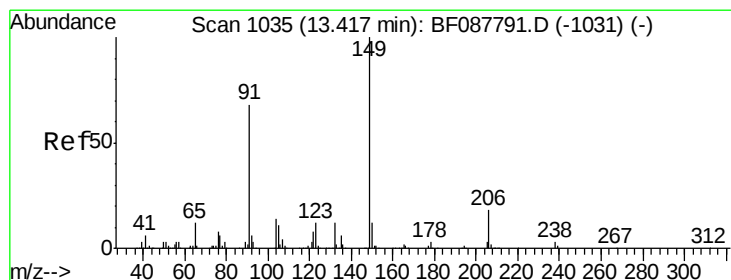
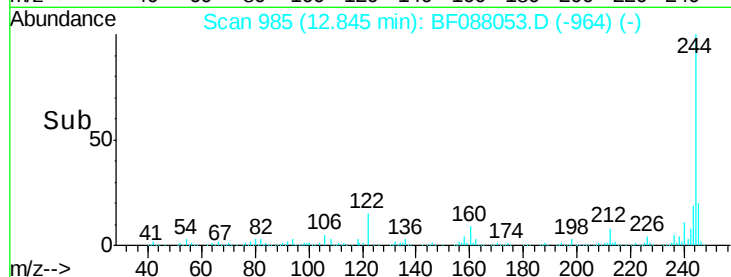
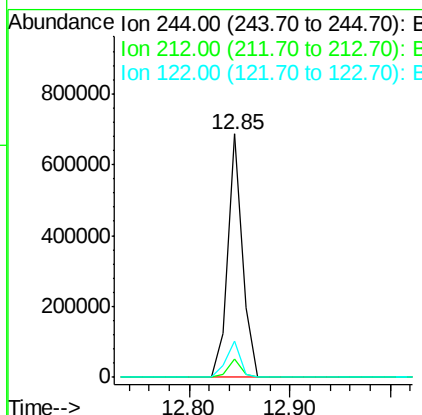
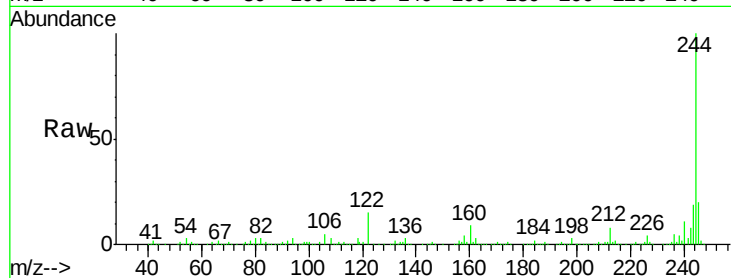




#78
 Terphenyl-d14
 Concen: 71.62 ng
 RT: 12.85 min Scan# 985
 Delta R.T. -0.06 min
 Lab File: BF088053.D
 Acq: 16 Jun 2016 00:31

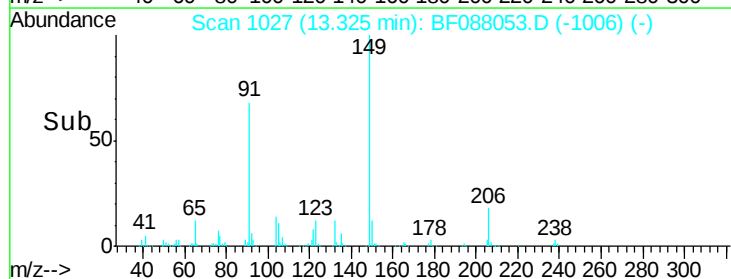
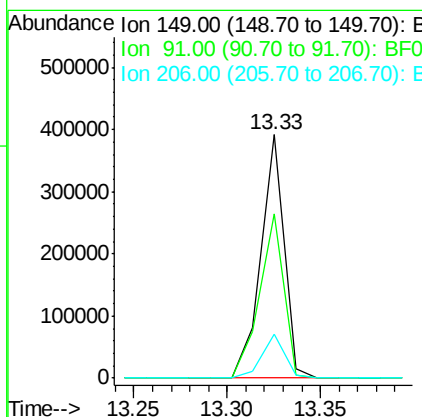
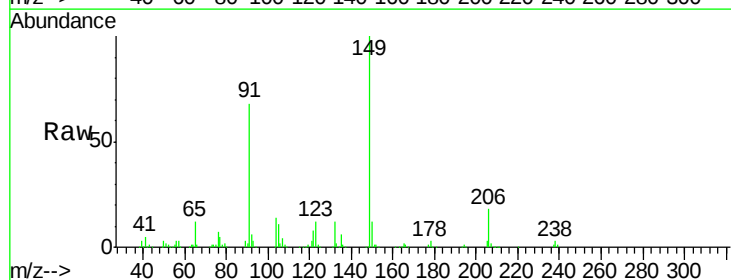
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-52-060916MS

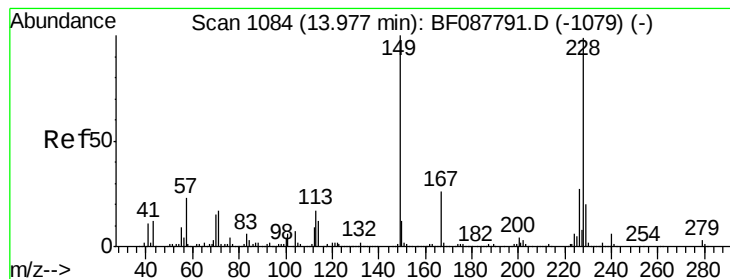
Tgt Ion: 244 Resp: 695729
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 14.7 11.2 16.8



#79
 Butylbenzylphthalate
 Concen: 46.33 ng
 RT: 13.33 min Scan# 1027
 Delta R.T. -0.06 min
 Lab File: BF088053.D
 Acq: 16 Jun 2016 00:31

Tgt Ion: 149 Resp: 335997
 Ion Ratio Lower Upper
 149 100
 91 67.7 48.0 72.0
 206 17.9 16.0 24.0

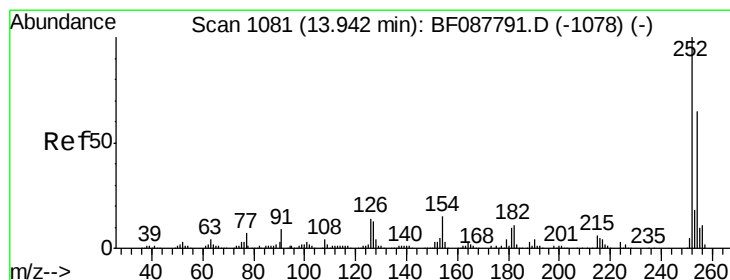
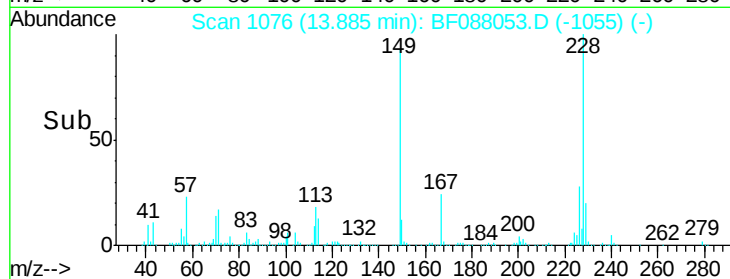
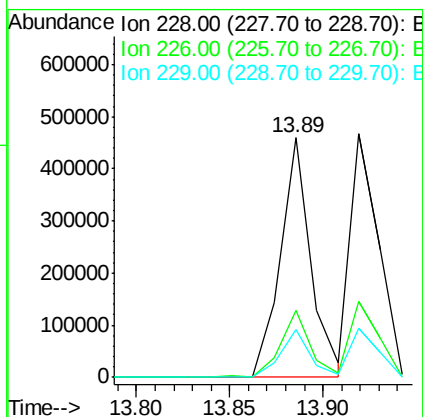
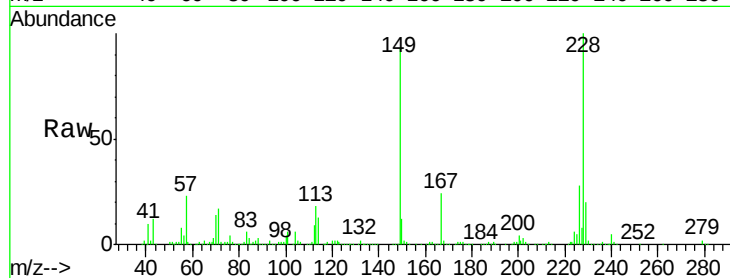




#80
Benzo(a)anthracene
Concen: 41.29 ng
RT: 13.89 min Scan# 1076
Delta R.T. -0.06 min
Lab File: BF088053.D
Acq: 16 Jun 2016 00:31

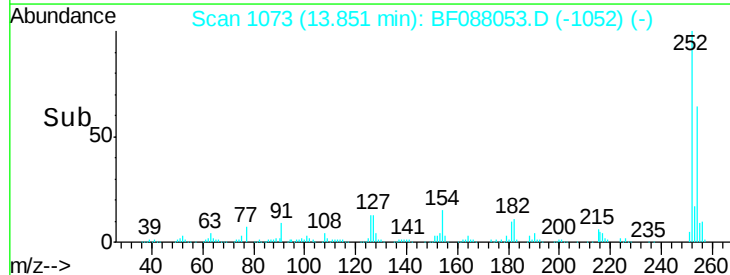
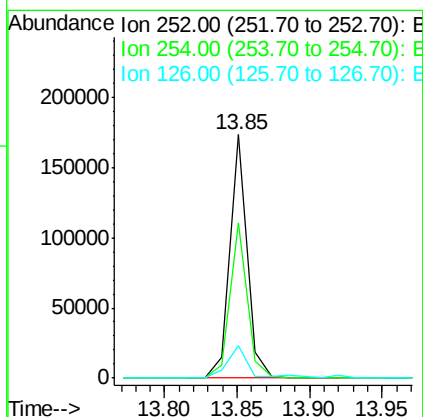
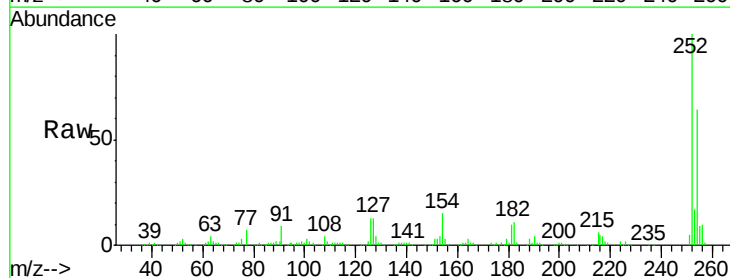
Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MS

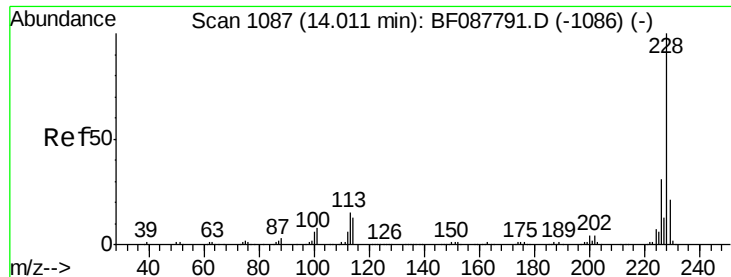
Tgt Ion: 228 Resp: 520078
Ion Ratio Lower Upper
228 100
226 28.1 22.3 33.5
229 20.1 16.0 24.0



#81
3,3'-Dichlorobenzidine
Concen: 42.44 ng
RT: 13.85 min Scan# 1073
Delta R.T. -0.06 min
Lab File: BF088053.D
Acq: 16 Jun 2016 00:31

Tgt Ion: 252 Resp: 143754
Ion Ratio Lower Upper
252 100
254 63.5 52.6 78.8
126 13.4 6.2 9.2#

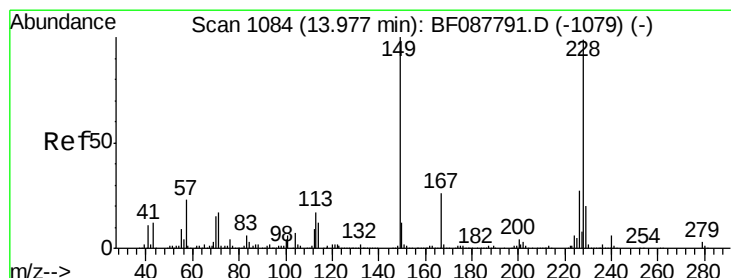
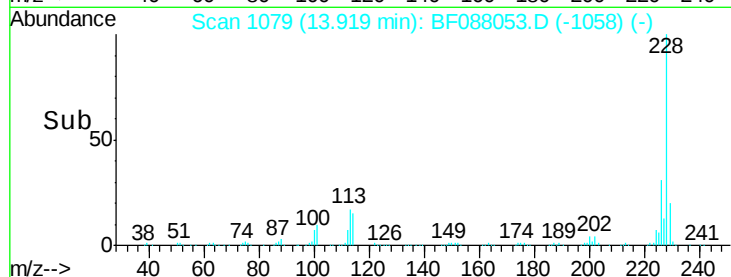
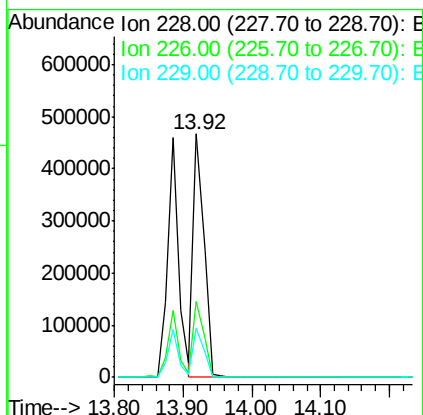
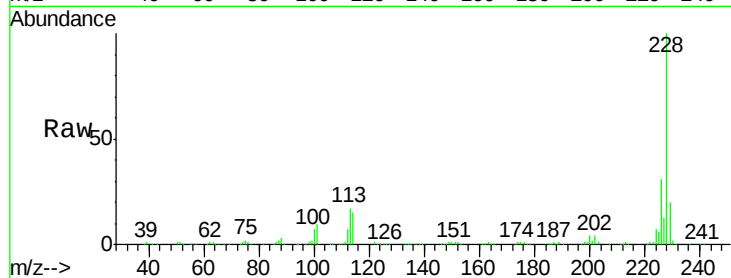




#82
Chrysene
Concen: 42.19 ng
RT: 13.92 min Scan# 1079
Delta R.T. -0.06 min
Lab File: BF088053.D
Acq: 16 Jun 2016 00:31

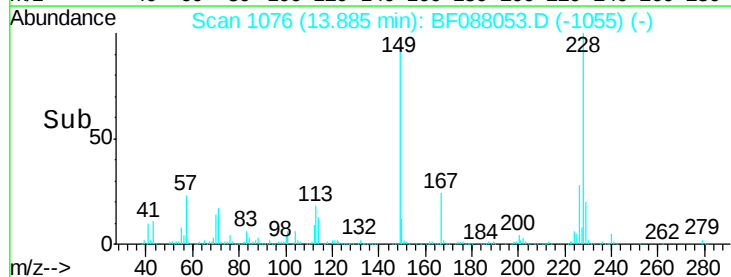
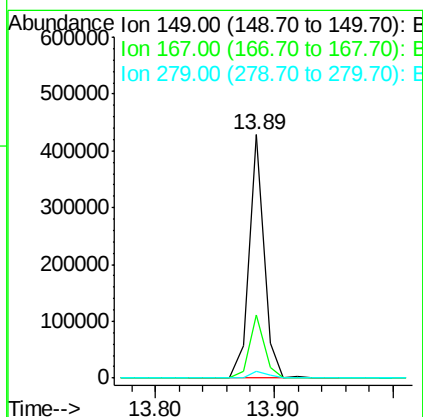
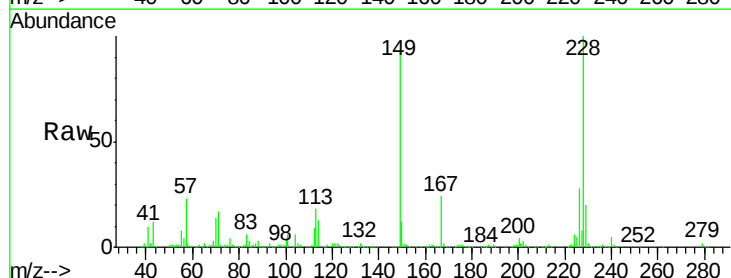
Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MS

Tgt Ion: 228 Resp: 500053
Ion Ratio Lower Upper
228 100
226 31.0 25.4 38.2
229 20.4 16.3 24.5



#83
Bis(2-ethylhexyl)phthalate
Concen: 42.94 ng
RT: 13.89 min Scan# 1076
Delta R.T. -0.06 min
Lab File: BF088053.D
Acq: 16 Jun 2016 00:31

Tgt Ion: 149 Resp: 379072
Ion Ratio Lower Upper
149 100
167 25.7 20.5 30.7
279 2.6 2.0 3.0

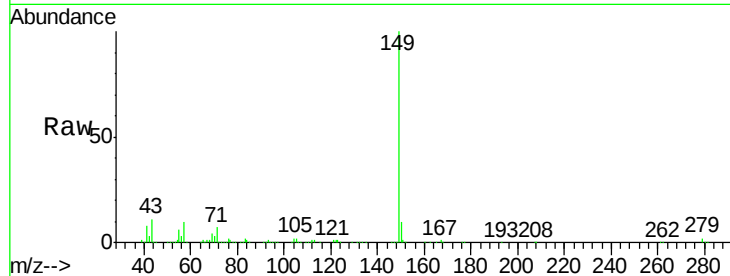




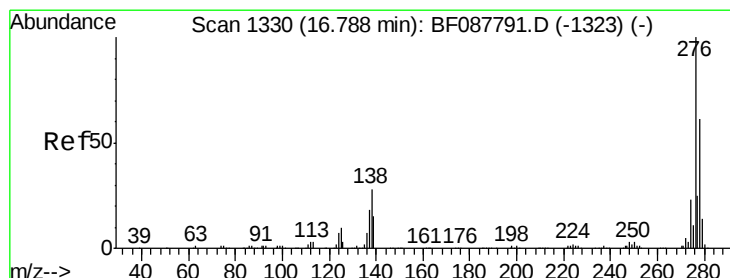
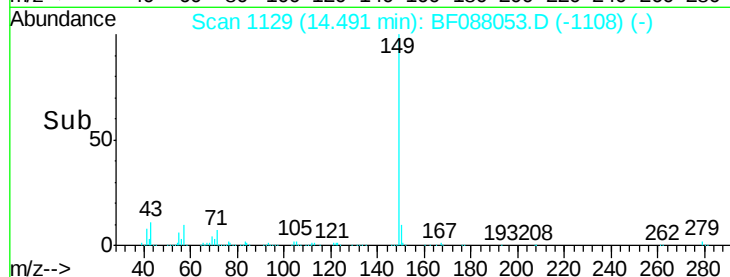
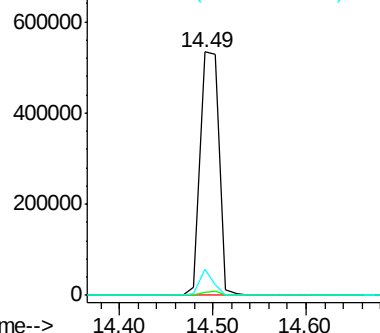
#84
Di-n-octyl phthalate
Concen: 52.41 ng
RT: 14.49 min Scan# 1129
Delta R.T. -0.06 min
Lab File: BF088053.D
Acq: 16 Jun 2016 00:31

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MS

Tgt Ion:149 Resp: 751919
Ion Ratio Lower Upper
149 100
167 1.6 0.0 0.0#
43 7.9 0.0 0.0#

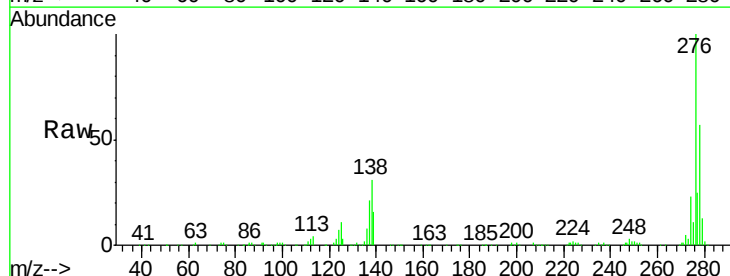


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

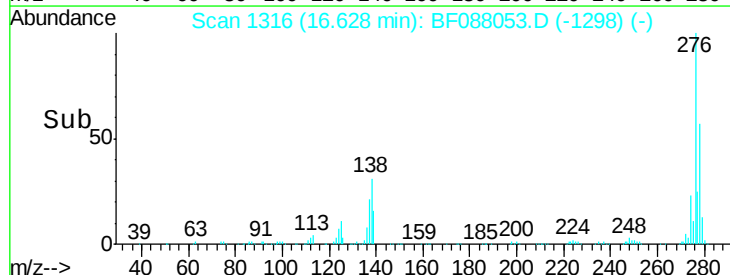
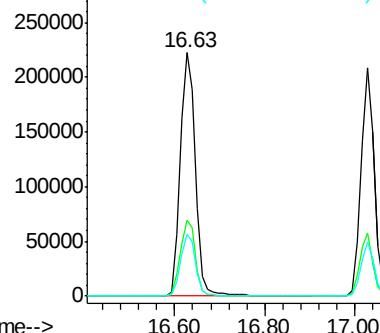


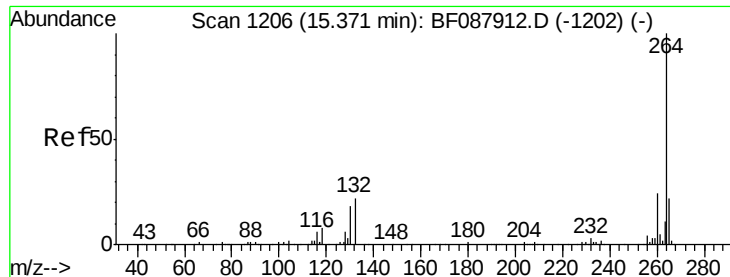
#85
Indeno(1,2,3-cd)pyrene
Concen: 47.38 ng
RT: 16.63 min Scan# 1316
Delta R.T. -0.09 min
Lab File: BF088053.D
Acq: 16 Jun 2016 00:31

Tgt Ion:276 Resp: 521715
Ion Ratio Lower Upper
276 100
138 31.2 0.0 0.0#
277 25.1 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

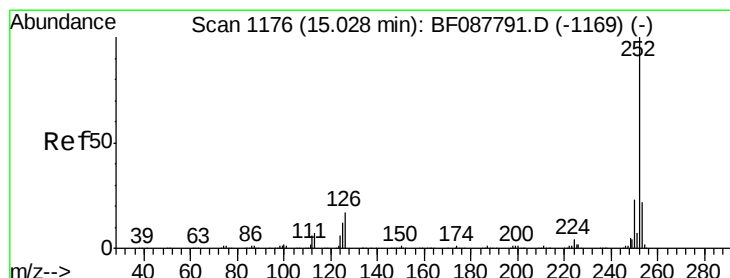
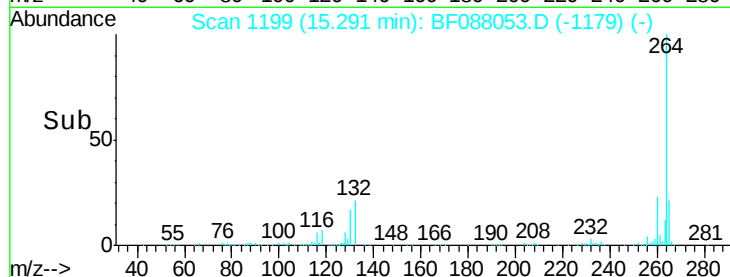
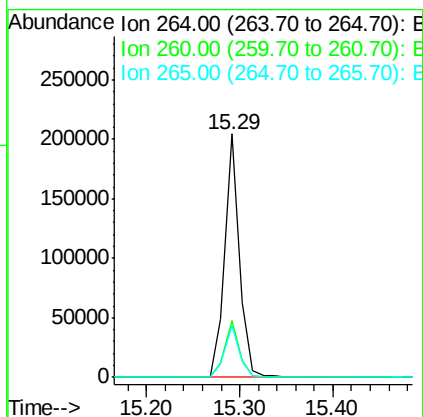
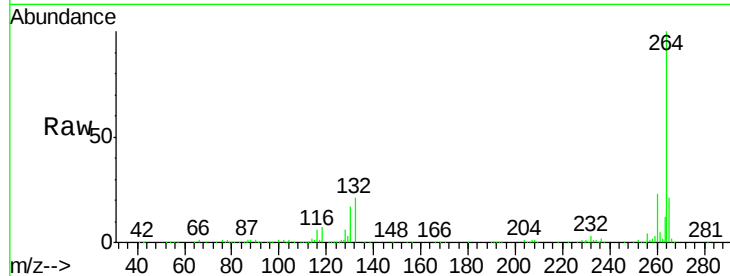




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1199
Delta R.T. -0.07 min
Lab File: BF088053.D
Acq: 16 Jun 2016 00:31

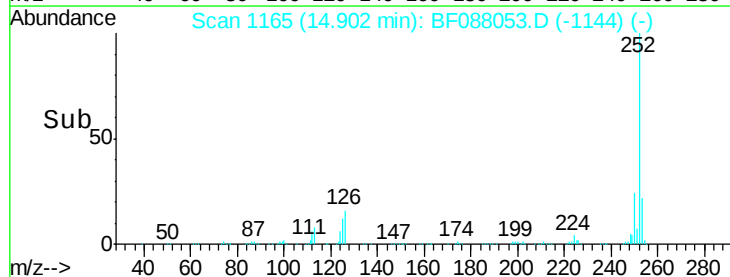
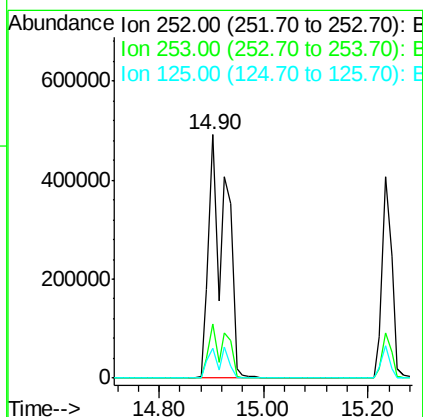
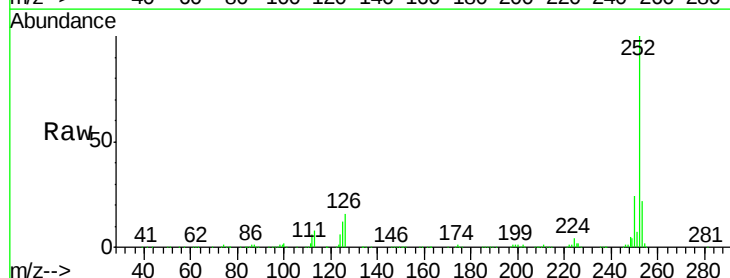
Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MS

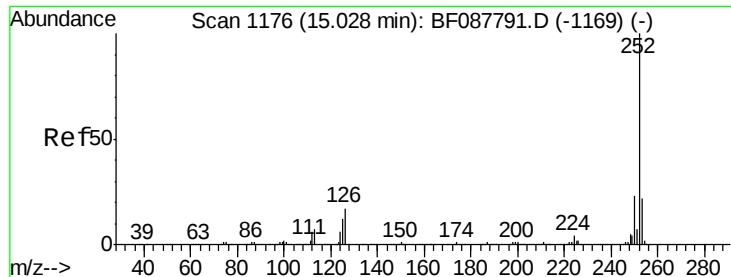
Tgt Ion: 264 Resp: 224211
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 21.3 16.9 25.3



#87
Benzo(b)fluoranthene
Concen: 71.68 ng
RT: 14.90 min Scan# 1165
Delta R.T. -0.06 min
Lab File: BF088053.D
Acq: 16 Jun 2016 00:31

Tgt Ion: 252 Resp: 1120227
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 12.2 7.1 10.7#

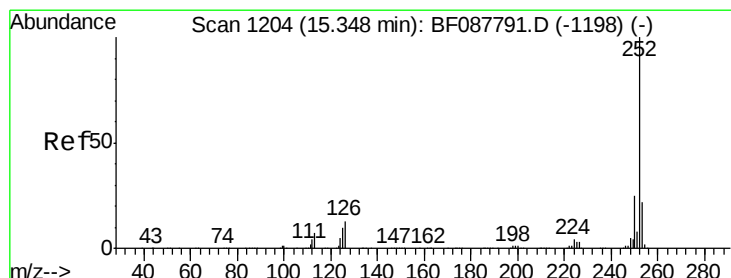
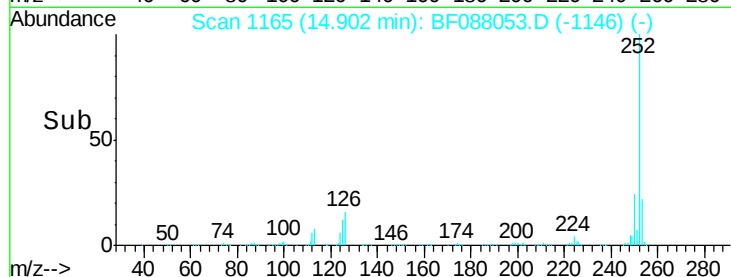
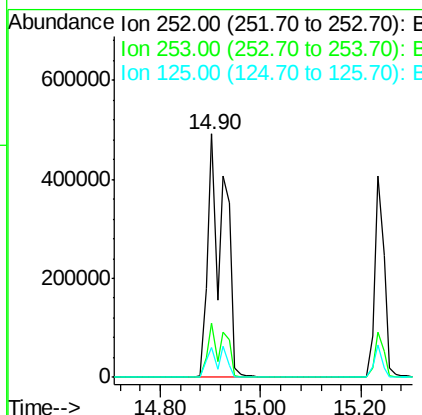
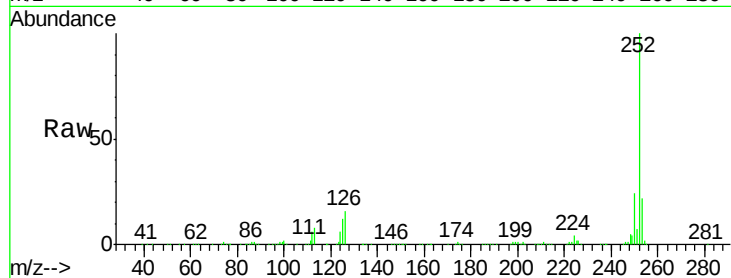




#88
Benzo(k)fluoranthene
Concen: 95.03 ng
RT: 14.90 min Scan# 1165
Delta R.T. -0.08 min
Lab File: BF088053.D
Acq: 16 Jun 2016 00:31

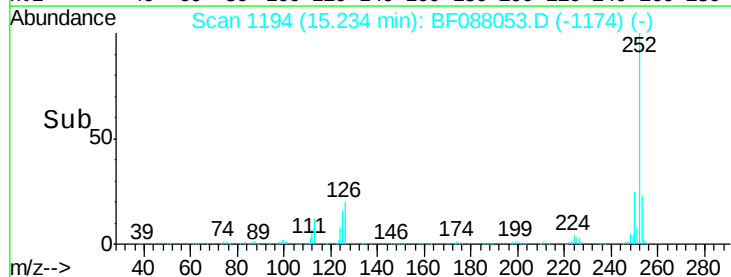
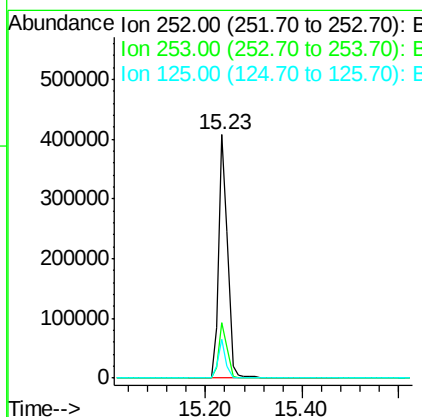
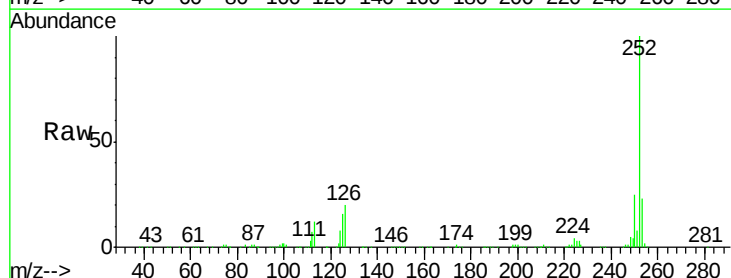
Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MS

Tgt Ion:252 Resp: 1120239
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 12.2 11.2 16.8



#89
Benzo(a)pyrene
Concen: 42.33 ng
RT: 15.23 min Scan# 1194
Delta R.T. -0.07 min
Lab File: BF088053.D
Acq: 16 Jun 2016 00:31

Tgt Ion:252 Resp: 535147
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 15.8 12.5 18.7



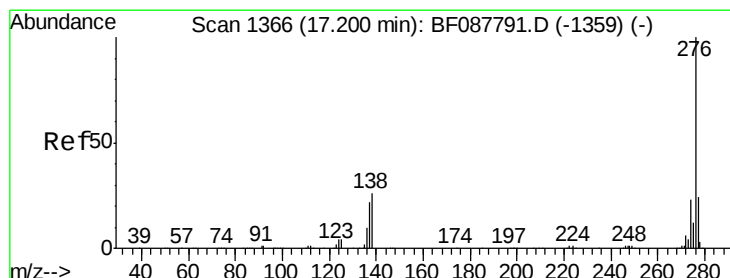
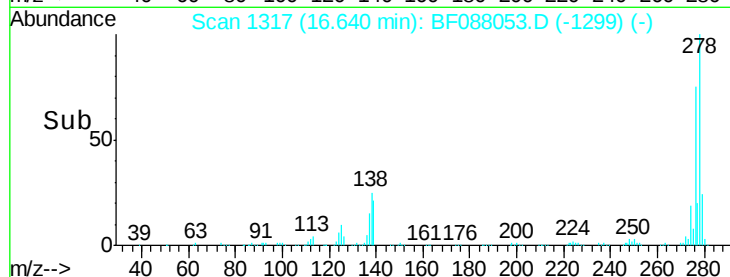
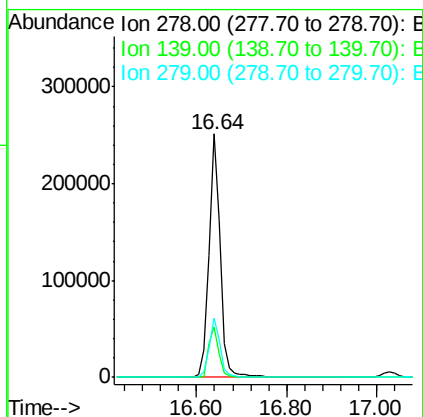
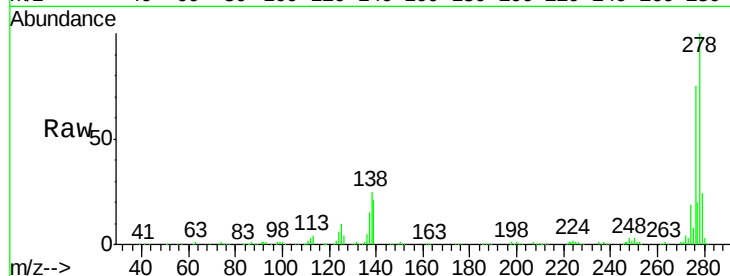


#90
Dibenzo(a,h)anthracene
Concen: 37.41 ng
RT: 16.64 min Scan# 1317
Delta R.T. -0.09 min
Lab File: BF088053.D
Acq: 16 Jun 2016 00:31

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916MS

Tgt Ion:278 Resp: 439344

Ion	Ratio	Lower	Upper
278	100		
139	20.7	15.7	23.5
279	24.3	19.4	29.2



#91
Benzo(g,h,i)perylene
Concen: 36.01 ng
RT: 17.03 min Scan# 1351
Delta R.T. -0.10 min
Lab File: BF088053.D
Acq: 16 Jun 2016 00:31

Tgt Ion:276 Resp: 434933

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.9	28.3
138	27.5	21.4	32.2

