

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
 Data File : BF084062.D
 Acq On : 24 Dec 2015 4:45
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 24 05:09:32 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 18:54:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	49506	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	204647	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	89747	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	150856	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	97204	20.00	ng	-0.01
86) Perylene-d12	15.41	264	87465	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	234377	80.72	ng	0.00
7) Phenol-d6	6.48	99	269125	78.83	ng	0.00
23) Nitrobenzene-d5	7.39	82	261325	78.45	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	63137	73.14	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	501131	75.15	ng	-0.01
78) Terphenyl-d14	12.92	244	361527	88.70	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.37	88	44695	32.33	ng	98
3) Pyridine	3.10	79	117660	37.39	ng	99
4) n-Nitrosodimethylamine	3.05	42	50380	43.08	ng	90
6) Aniline	6.49	93	193361	40.93	ng	# 77
8) 2-Chlorophenol	6.61	128	145672	43.57	ng	94
9) Benzaldehyde	6.36	77	92140	40.41	ng	95
10) Phenol	6.49	94	148346	37.56	ng	# 55
11) bis(2-Chloroethyl)ether	6.56	93	118745	39.35	ng	97
12) 1,3-Dichlorobenzene	6.76	146	155320	41.81	ng	98
13) 1,4-Dichlorobenzene	6.84	146	160142m	44.15	ng	
14) 1,2-Dichlorobenzene	6.99	146	139623	40.26	ng	97
15) Benzyl Alcohol	6.97	79	115940	43.13	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	7.10	45	112446	38.59	ng	61
17) 2-Methylphenol	7.09	107	104016	39.05	ng	# 91
18) Hexachloroethane	7.33	117	55667	41.85	ng	99
19) n-Nitroso-di-n-propylamine	7.24	70	88783	42.92	ng	# 88
20) 3+4-Methylphenols	7.25	107	143845	43.77	ng	# 47
22) Acetophenone	7.24	105	202532	42.18	ng	# 91
24) Nitrobenzene	7.41	77	136767	39.84	ng	# 85
25) Isophorone	7.65	82	254782	40.36	ng	# 94
26) 2-Nitrophenol	7.72	139	65320	35.35	ng	# 79
27) 2,4-Dimethylphenol	7.78	122	129806	40.31	ng	94
28) bis(2-Chloroethoxy)methane	7.86	93	149031	38.12	ng	99
29) 2,4-Dichlorophenol	7.97	162	106793	37.12	ng	94
30) 1,2,4-Trichlorobenzene	8.05	180	124740	41.56	ng	97
31) Naphthalene	8.13	128	416010	39.79	ng	99
32) Benzoic acid	7.89	122	35981	26.84	ng	97
33) 4-Chloroaniline	8.18	127	159397	37.28	ng	98
34) Hexachlorobutadiene	8.25	225	67359	37.55	ng	99
35) Caprolactam	8.57	113	33591	38.85	ng	91
36) 4-Chloro-3-methylphenol	8.68	107	129371	42.04	ng	98
37) 2-Methylnaphthalene	8.82	142	265028	39.15	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	121618	45.08	ng	99
40) Hexachlorocyclopentadiene	8.98	237	8539	19.76	ng	98

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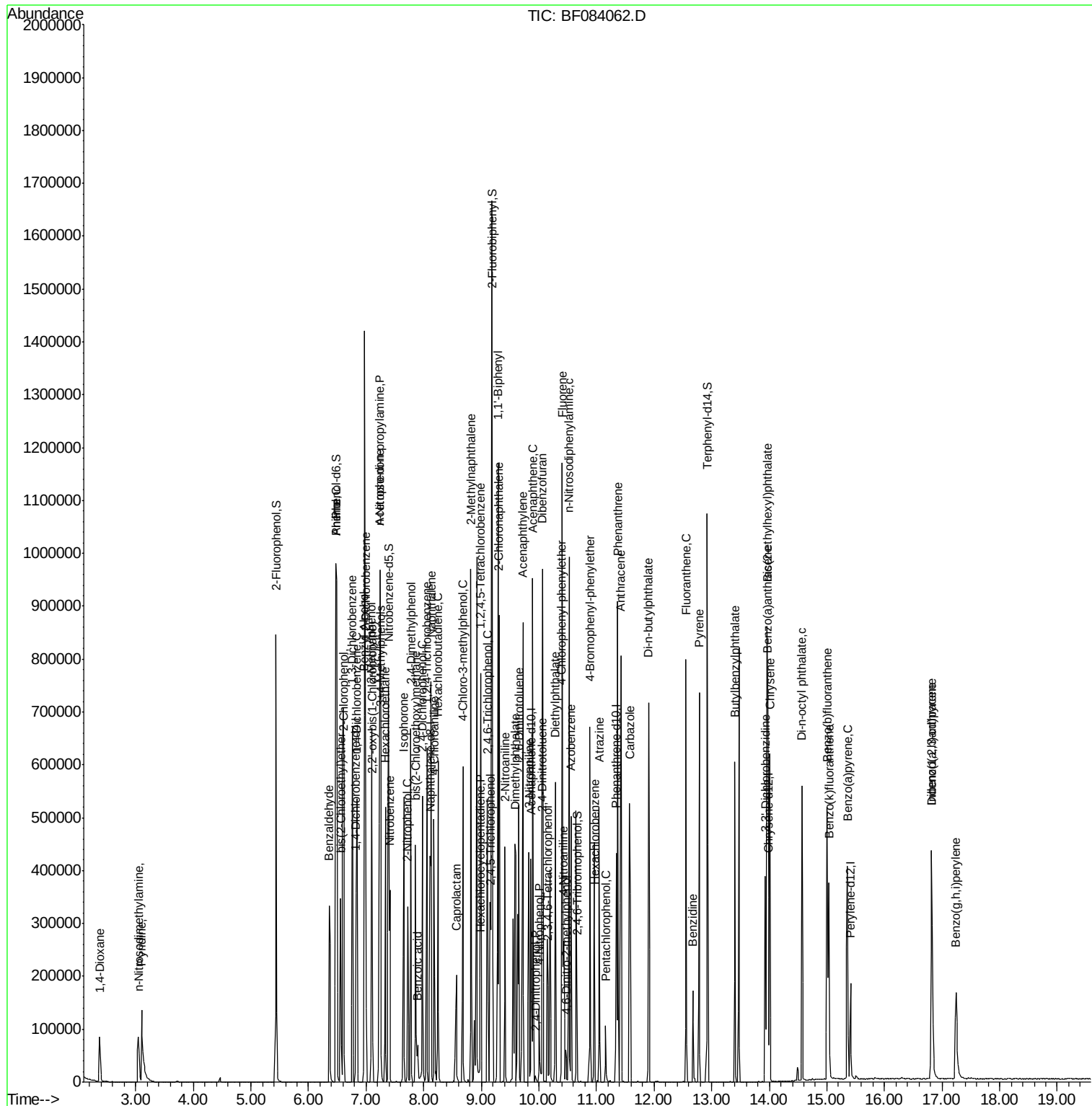
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	69749	42.93	nq	98
43) 2,4,5-Trichlorophenol	9.16	196	70523	41.71	nq	98
45) 1,1'-Biphenyl	9.29	154	352928	44.48	nq	98
46) 2-Chloronaphthalene	9.31	162	240953	42.19	nq	98
47) 2-Nitroaniline	9.41	65	73637	47.29	nq	# 68
48) Acenaphthylene	9.72	152	361425	39.96	nq	99
49) Dimethylphthalate	9.60	163	301940	42.99	nq	# 91
50) 2,6-Dinitrotoluene	9.65	165	66103	44.60	nq	# 79
51) Acenaphthene	9.89	154	207358	38.56	nq	99
52) 3-Nitroaniline	9.82	138	71571	45.47	nq	82
53) 2,4-Dinitrophenol	9.94	184	2798	11.98	nq	# 74
54) Dibenzofuran	10.06	168	313922	39.00	nq	# 89
55) 4-Nitrophenol	10.01	139	26056	28.17	nq	95
56) 2,4-Dinitrotoluene	10.05	165	72614	38.97	nq	# 83
57) Fluorene	10.41	166	247784	38.85	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	43081	32.31	nq	89
59) Diethylphthalate	10.28	149	290352	42.07	nq	94
60) 4-Chlorophenyl-phenylether	10.40	204	114524	39.18	nq	# 76
61) 4-Nitroaniline	10.43	138	55714	34.59	nq	93
62) Azobenzene	10.56	77	257526	42.26	nq	88
64) 4,6-Dinitro-2-methylphenol	10.48	198	10674	12.10	nq	83
65) n-Nitrosodiphenylamine	10.52	169	232328	41.70	nq	100
66) 4-Bromophenyl-phenylether	10.89	248	67612	39.09	nq	# 67
67) Hexachlorobenzene	10.97	284	74906	39.67	nq	# 86
68) Atrazine	11.05	200	61074	36.26	nq	99
69) Pentachlorophenol	11.16	266	15488	27.40	nq	98
70) Phenanthrene	11.37	178	325740	38.20	nq	100
71) Anthracene	11.42	178	352184	40.67	nq	99
72) Carbazole	11.57	167	281491	34.77	nq	99
73) Di-n-butylphthalate	11.90	149	408376	40.62	nq	# 98
74) Fluoranthene	12.56	202	294526	34.83	nq	97
76) Benzidine	12.67	184	85017	24.52	nq	99
77) Pyrene	12.78	202	286459	43.44	nq	99
79) Butylbenzylphthalate	13.40	149	149178	49.18	nq	90
80) Benzo(a)anthracene	13.97	228	227898	40.66	nq	100
81) 3,3'-Dichlorobenzidine	13.93	252	74990	35.58	nq	# 97
82) Chrysene	14.01	228	201439	38.71	nq	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	204884	48.71	nq	99
84) Di-n-octyl phthalate	14.57	149	295189	45.64	nq	98
85) Indeno(1,2,3-cd)pyrene	16.82	276	196531	45.66	nq	99
87) Benzo(b)fluoranthene	15.00	252	213494m	38.72	nq	
88) Benzo(k)fluoranthene	15.04	252	225960m	43.09	nq	
89) Benzo(a)pyrene	15.36	252	211643	41.44	nq	100
90) Dibenzo(a,h)anthracene	16.82	278	167792	39.65	nq	98
91) Benzo(g,h,i)perylene	17.24	276	150032	35.05	nq	98

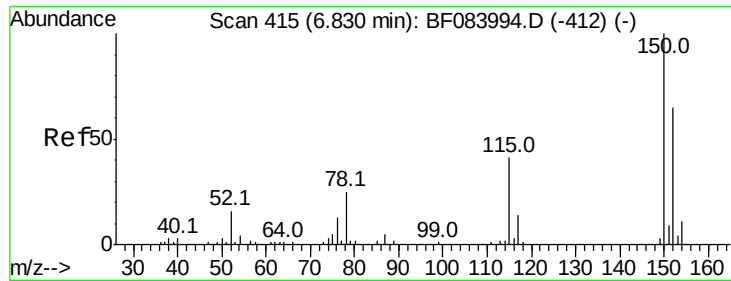
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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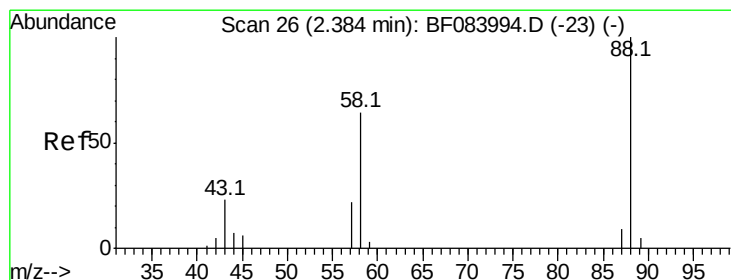
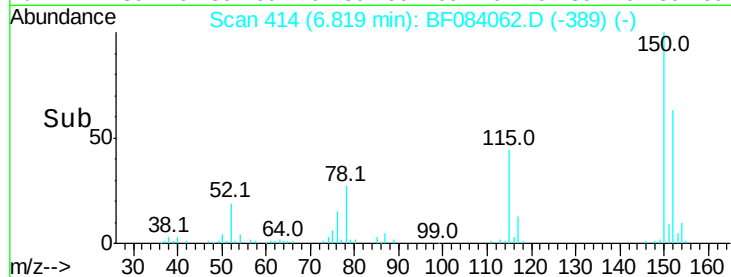
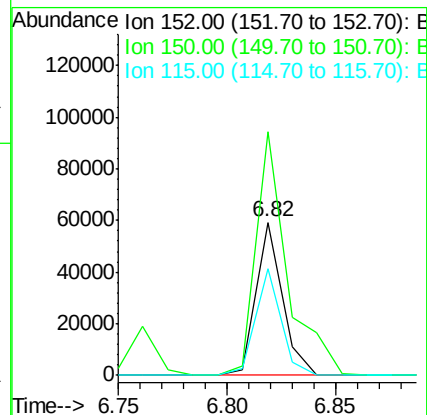
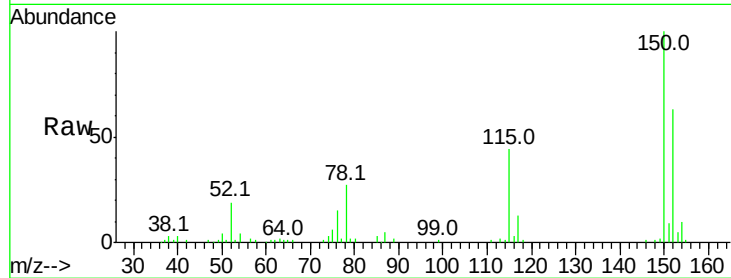


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF084062.D
Acq: 24 Dec 2015 4:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

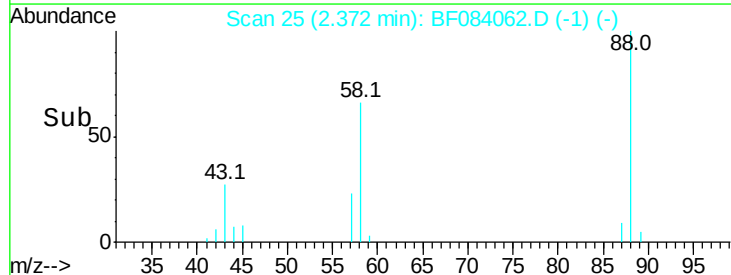
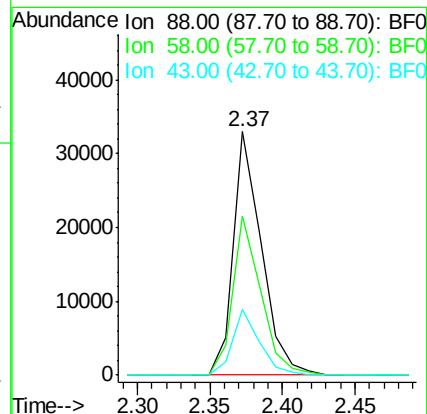
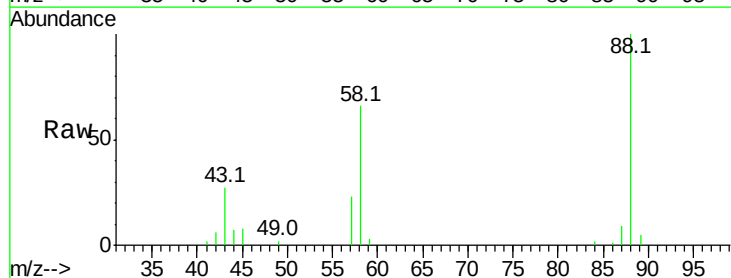
Tot Ion:152 Resp: 49506
Ion Ratio Lower Upper
152 100
150 158.8 123.0 184.4
115 69.2 51.4 77.2

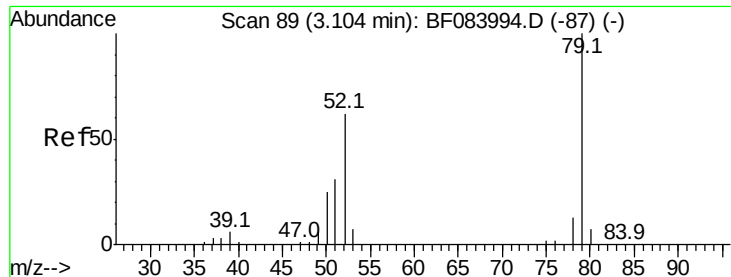


#2

1,4-Dioxane
Concen: 32.33 ng
RT: 2.37 min Scan# 25
Delta R.T. -0.01 min
Lab File: BF084062.D
Acq: 24 Dec 2015 4:45

Tgt Ion: 88 Resp: 44695
Ion Ratio Lower Upper
88 100
58 65.1 51.2 76.8
43 25.8 19.5 29.3



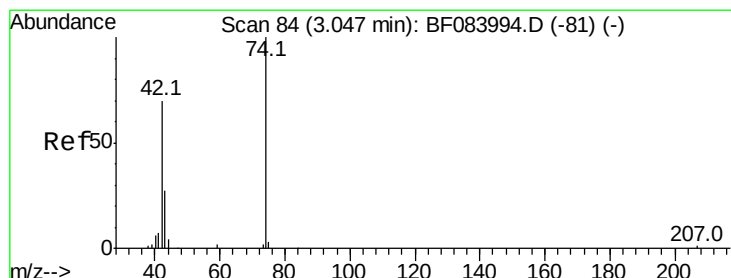
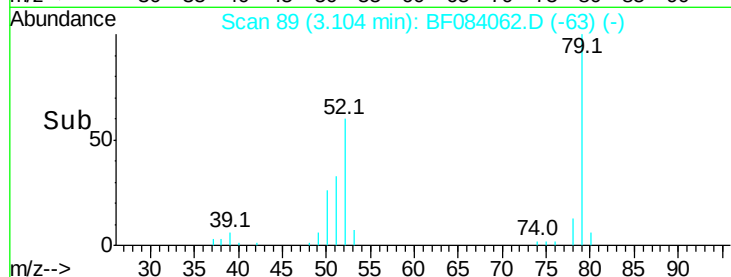
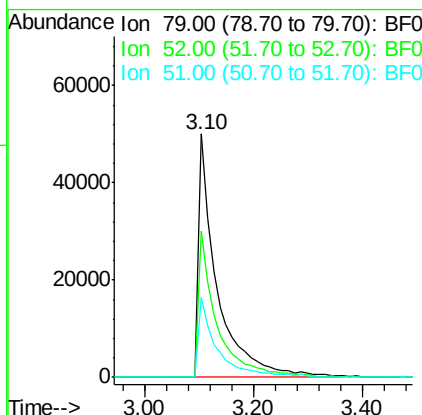
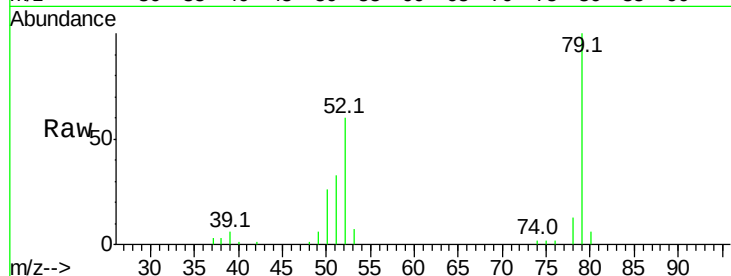


#3
 Pvridine
 Concen: 37.39 ng
 RT: 3.10 min Scan# 89
 Delta R.T. -0.00 min
 Lab File: BF084062.D
 Acq: 24 Dec 2015 4:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 79 Resp: 117660

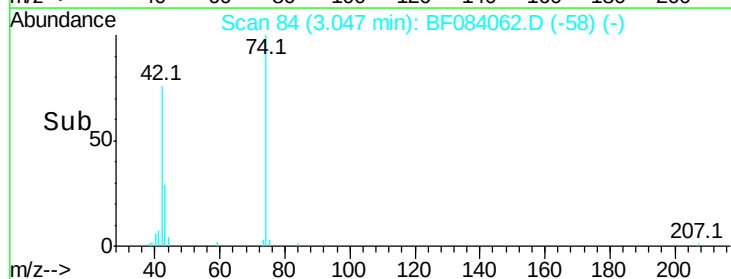
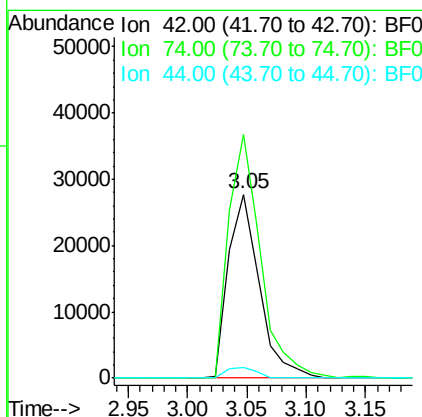
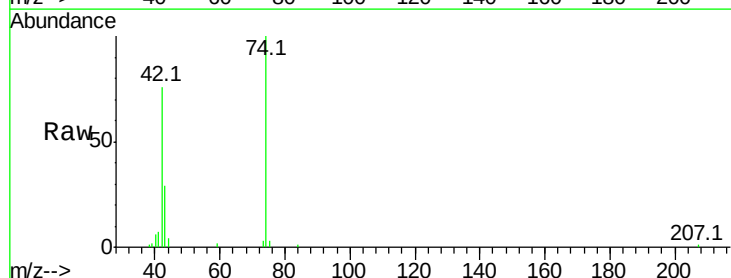
Ion	Ratio	Lower	Upper
79	100		
52	60.3	49.0	73.4
51	32.5	25.2	37.8

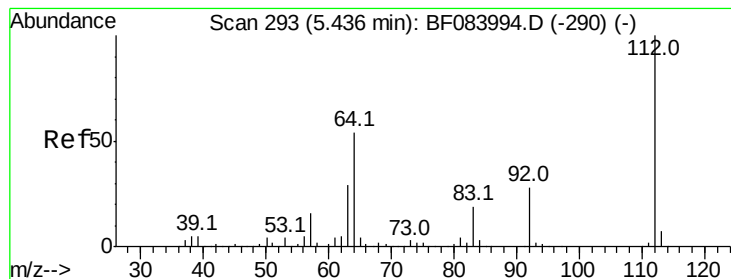


#4
 n-Nitrosodimethylamine
 Concen: 43.08 ng
 RT: 3.05 min Scan# 84
 Delta R.T. -0.00 min
 Lab File: BF084062.D
 Acq: 24 Dec 2015 4:45

Tgt Ion: 42 Resp: 50380

Ion	Ratio	Lower	Upper
42	100		
74	132.3	115.7	173.5
44	5.9	5.1	7.7





#5

2-Fluorophenol

Concen: 80.72 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.00 min

Lab File: BF084062.D

Acq: 24 Dec 2015 4:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

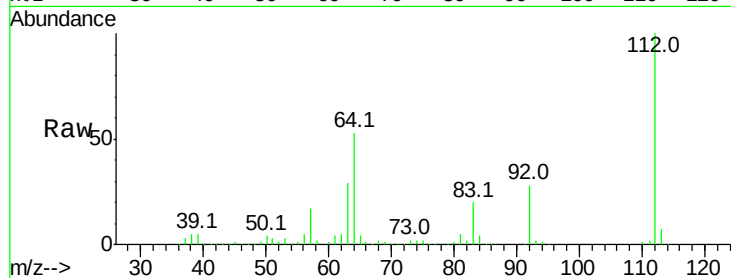
Tot Ion: 112 Resp: 234377

Ion Ratio Lower Upper

112 100

64 52.9 36.6 55.0

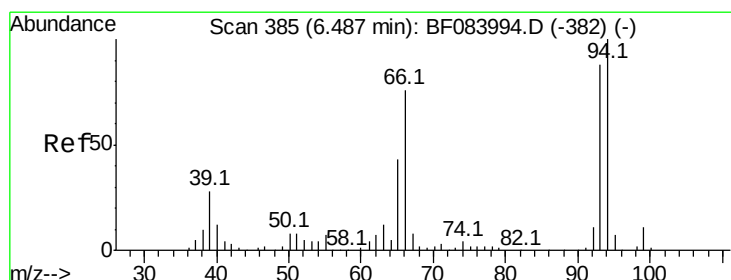
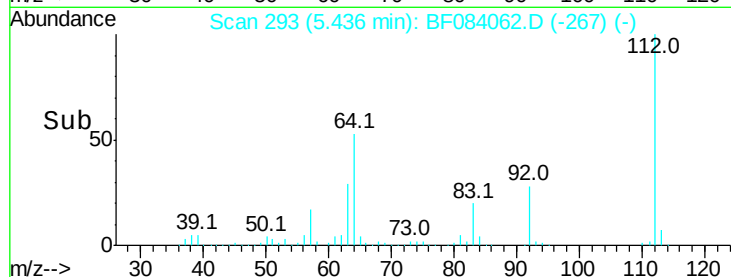
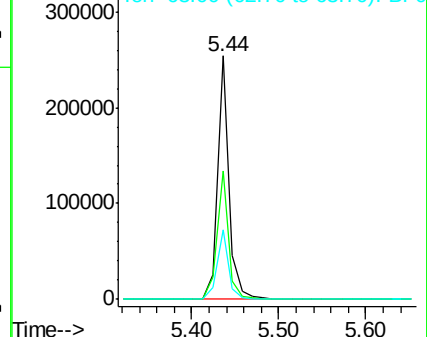
63 28.7 19.4 29.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 40.93 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF084062.D

Acq: 24 Dec 2015 4:45

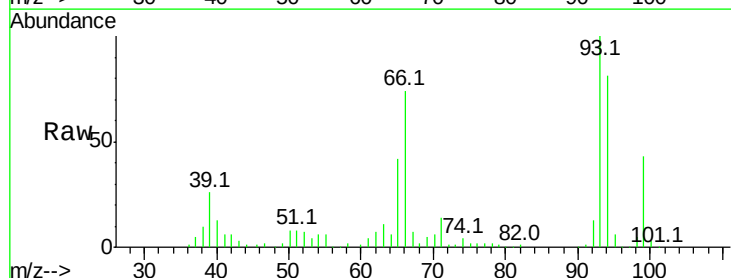
Tgt Ion: 93 Resp: 193361

Ion Ratio Lower Upper

93 100

66 73.6 44.9 67.3#

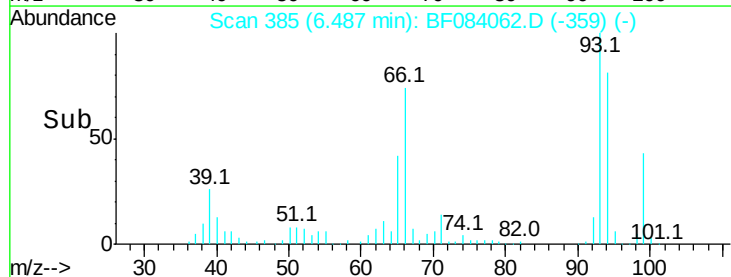
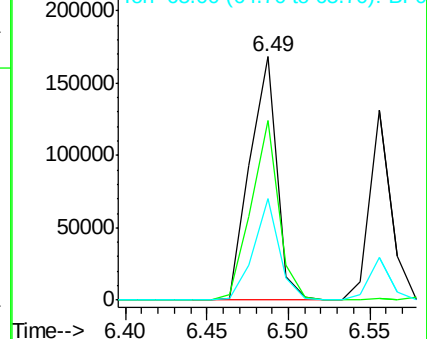
65 41.7 23.7 35.5#

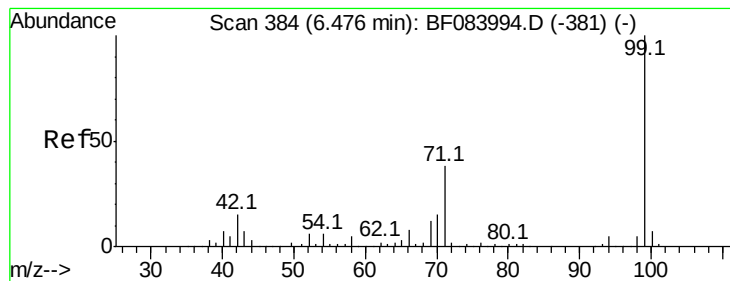


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 78.83 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

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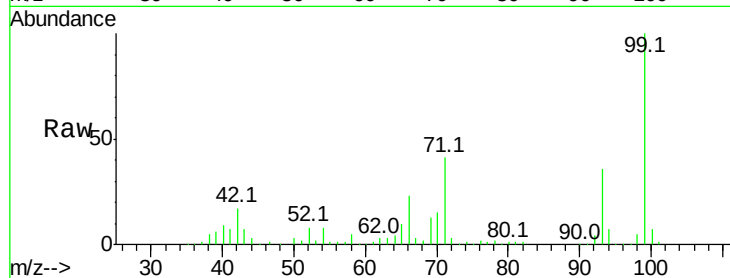
Tot Ion: 99 Resp: 269125

Ion Ratio Lower Upper

99 100

42 17.0 12.8 19.2

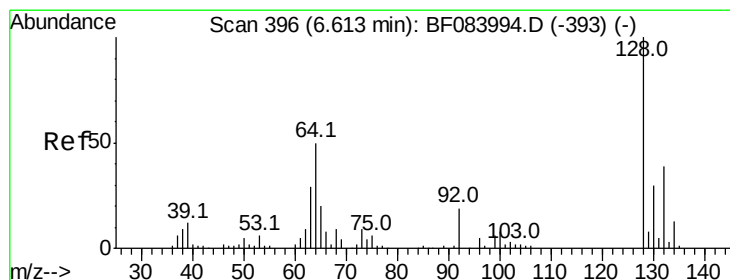
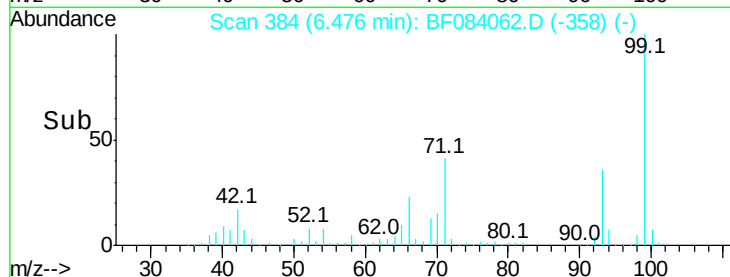
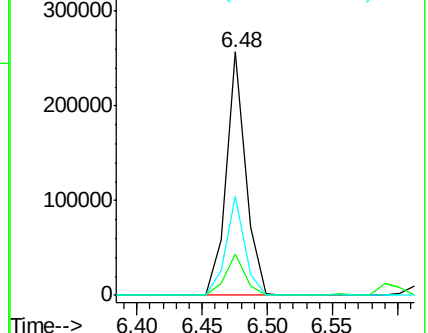
71 40.6 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 43.57 ng

RT: 6.61 min Scan# 396

Delta R.T. -0.00 min

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Acq: 24 Dec 2015 4:45

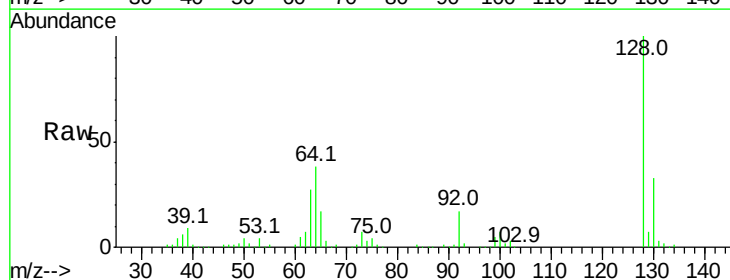
Tgt Ion:128 Resp: 145672

Ion Ratio Lower Upper

128 100

130 32.7 11.6 51.6

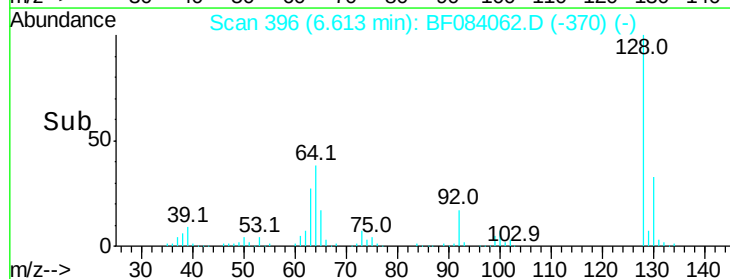
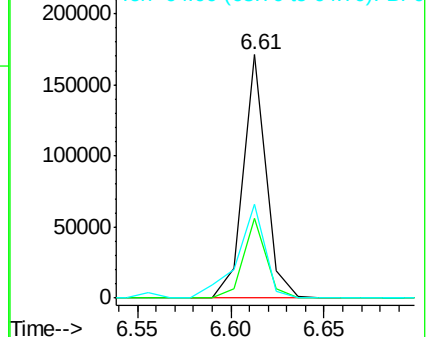
64 38.5 23.8 63.8

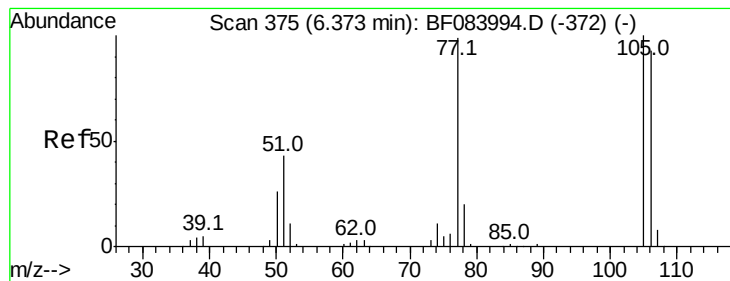


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 40.41 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

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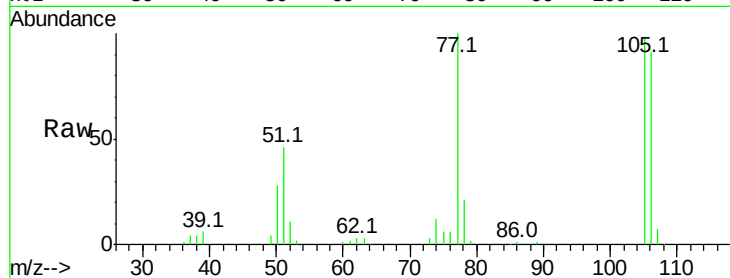
Tot Ion: 77 Resp: 92140

Ion Ratio Lower Upper

77 100

105 97.7 83.0 123.0

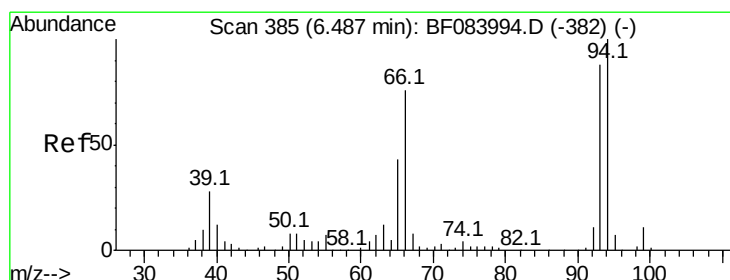
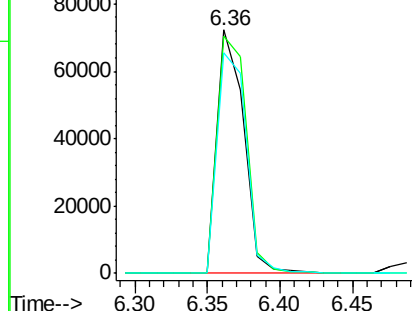
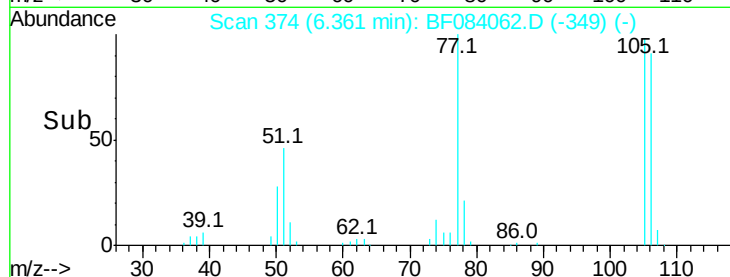
106 90.6 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 37.56 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF084062.D

Acq: 24 Dec 2015 4:45

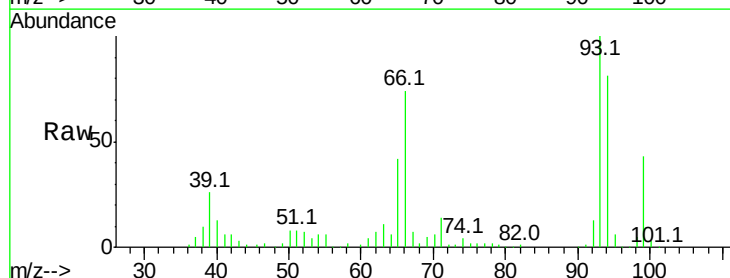
Tgt Ion: 94 Resp: 148346

Ion Ratio Lower Upper

94 100

65 51.3 12.9 52.9

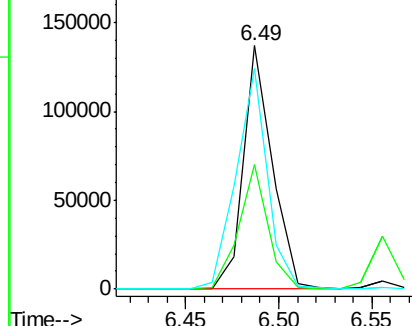
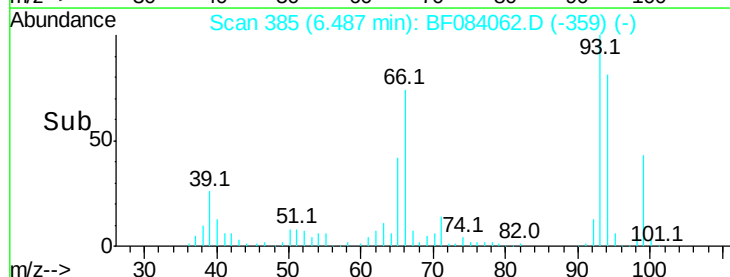
66 90.5 32.7 72.7#

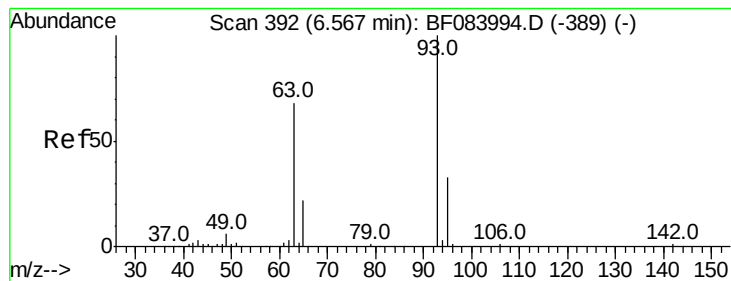


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

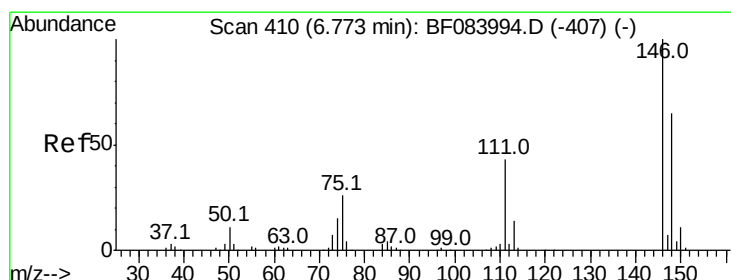
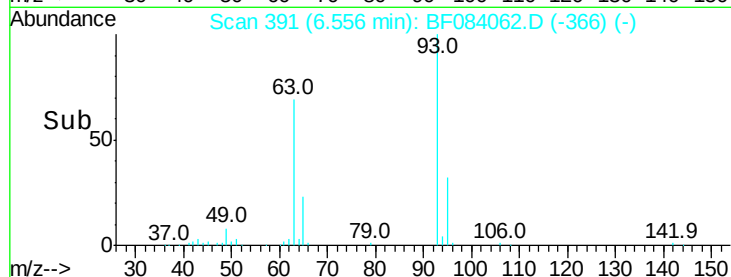
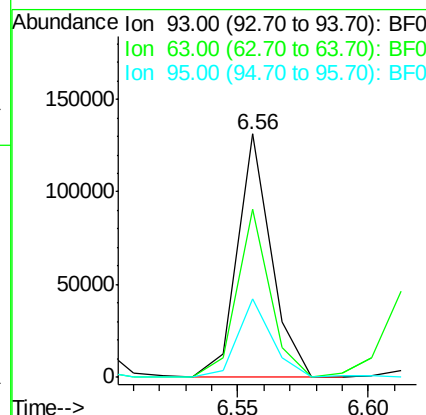
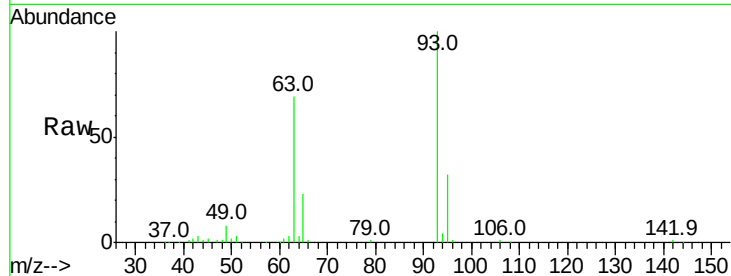




#11
bis(2-Chloroethyl)ether
Concen: 39.35 ng
RT: 6.56 min Scan# 391
Delta R.T. -0.01 min
Lab File: BF084062.D
Acq: 24 Dec 2015 4:45

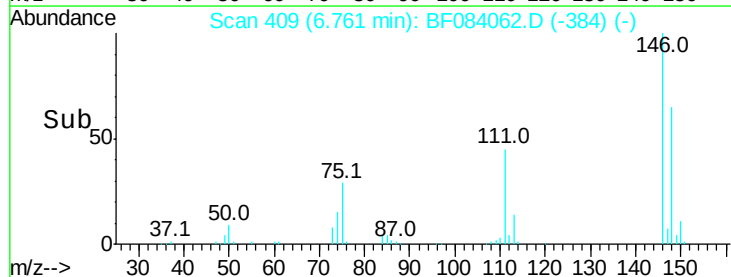
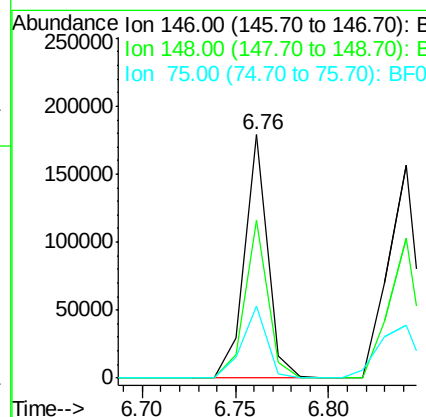
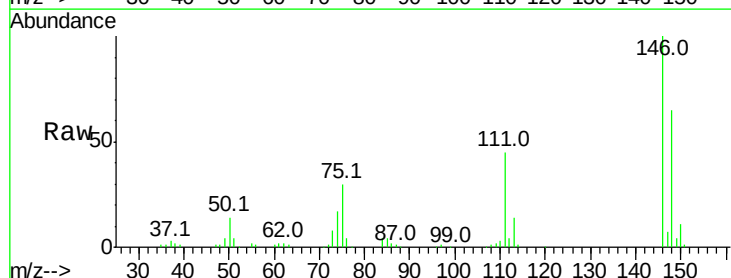
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

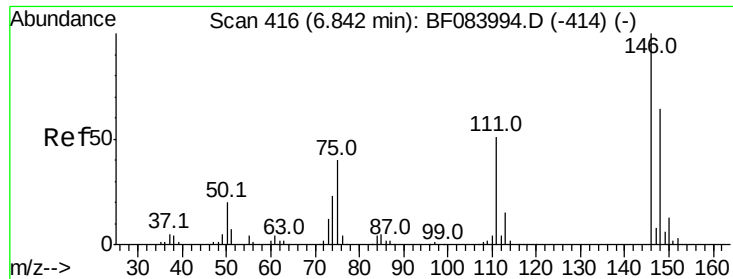
Tot Ion: 93 Resp: 118745
Ion Ratio Lower Upper
93 100
63 69.0 45.9 85.9
95 32.3 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 41.81 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF084062.D
Acq: 24 Dec 2015 4:45

Tgt Ion: 146 Resp: 155320
Ion Ratio Lower Upper
146 100
148 64.9 51.9 77.9
75 29.8 20.5 30.7

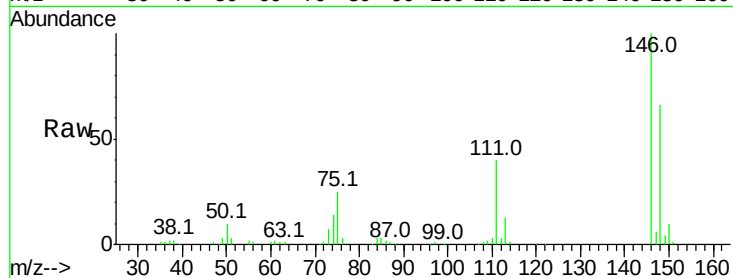




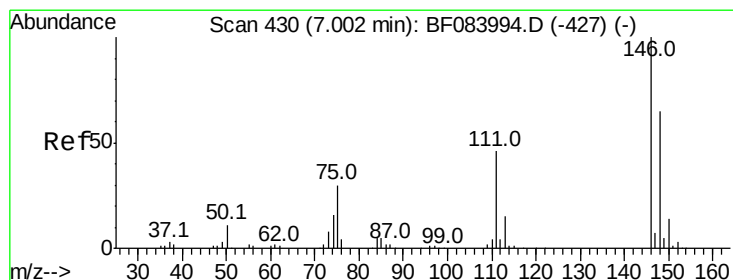
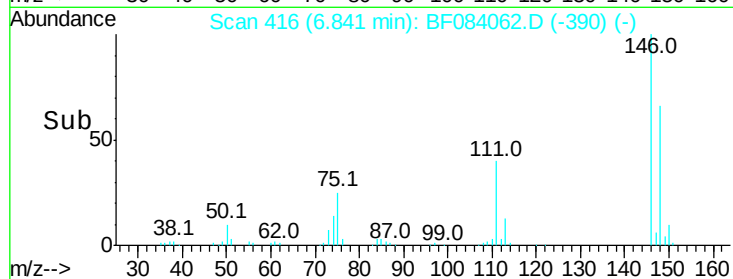
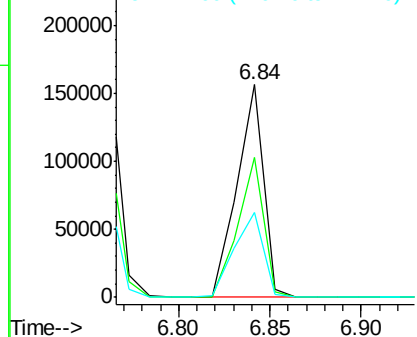
#13
1,4-Dichlorobenzene
Concen: 44.15 ng/mL
RT: 6.84 min Scan# 416
Delta R.T. -0.00 min
Lab File: BF084062.D
Acq: 24 Dec 2015 4:45

Instrument :
BNA_F
ClientSampleID :
SSTDCCC040

Tot Ion:146 Resp: 160142
Ion Ratio Lower Upper
146 100
148 65.6 51.9 77.9
111 40.1 41.6 62.4#

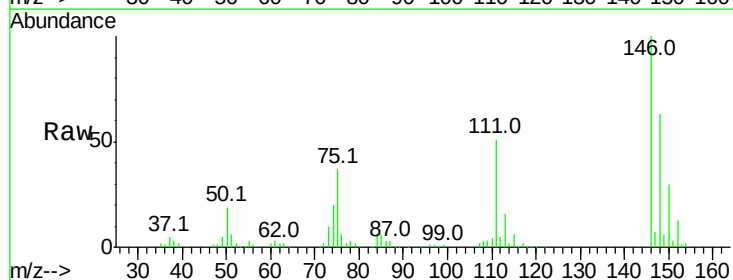


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

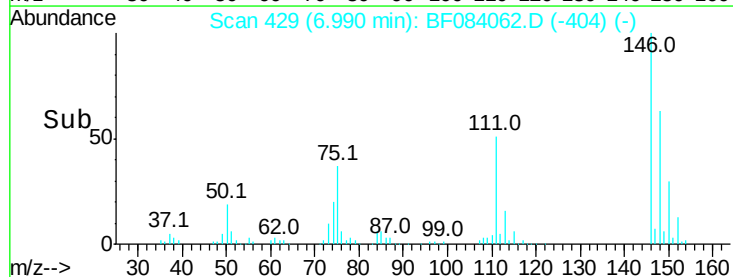
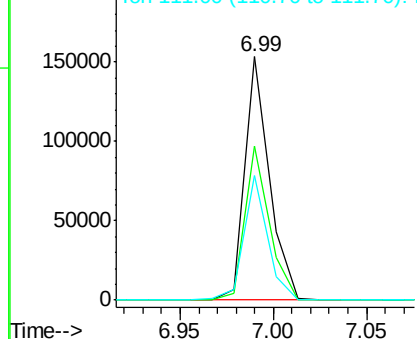


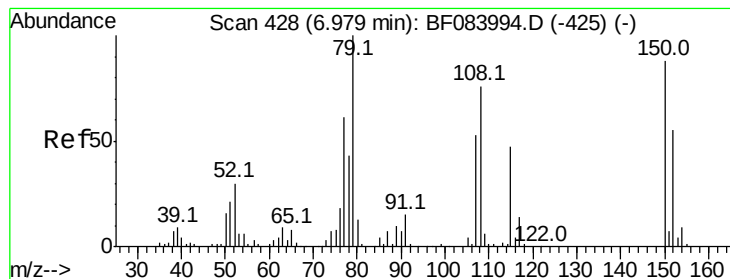
#14
1,2-Dichlorobenzene
Concen: 40.26 ng/mL
RT: 6.99 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF084062.D
Acq: 24 Dec 2015 4:45

Tgt Ion:146 Resp: 139623
Ion Ratio Lower Upper
146 100
148 63.3 51.6 77.4
111 51.2 38.0 57.0



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





#15

Benzyl Alcohol

Concen: 43.13 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.01 min

Lab File: BF084062.D

Acq: 24 Dec 2015 4:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

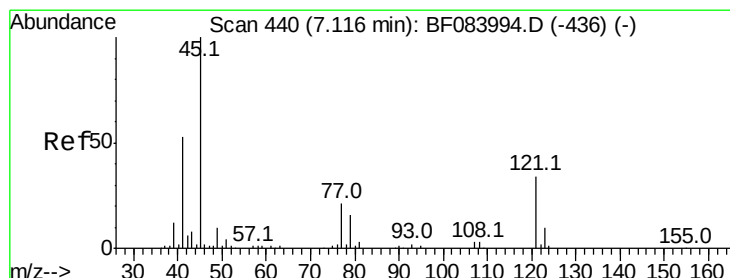
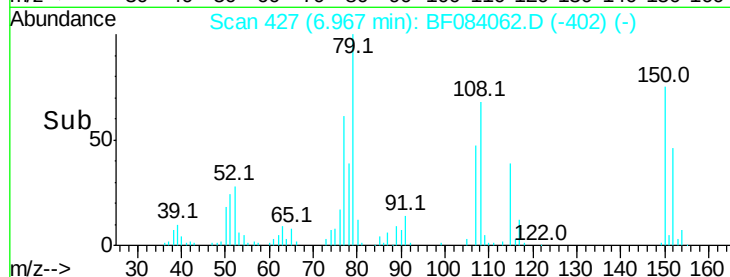
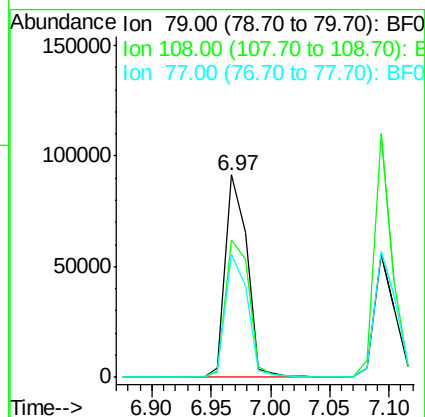
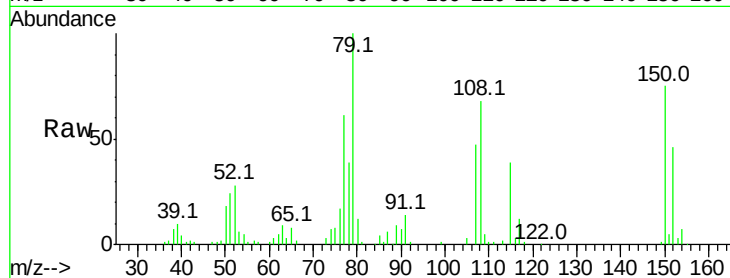
Tot Ion: 79 Resp: 115940

Ion Ratio Lower Upper

79 100

108 67.8 69.0 103.4#

77 61.2 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.59 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF084062.D

Acq: 24 Dec 2015 4:45

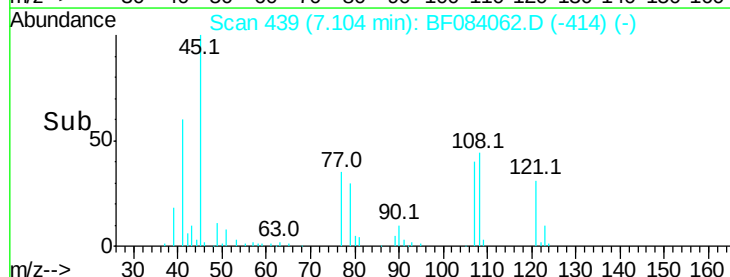
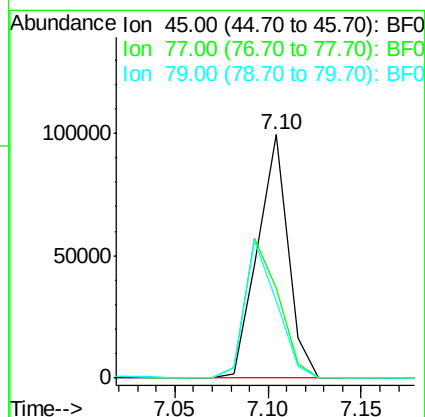
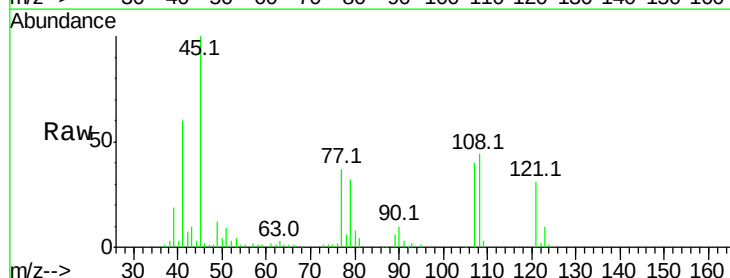
Tgt Ion: 45 Resp: 112446

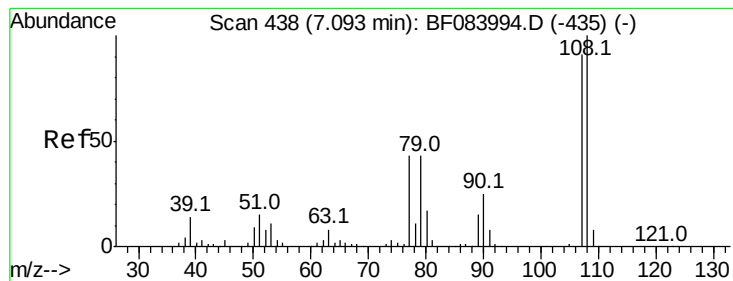
Ion Ratio Lower Upper

45 100

77 37.2 0.0 39.6

79 31.7 0.0 35.0

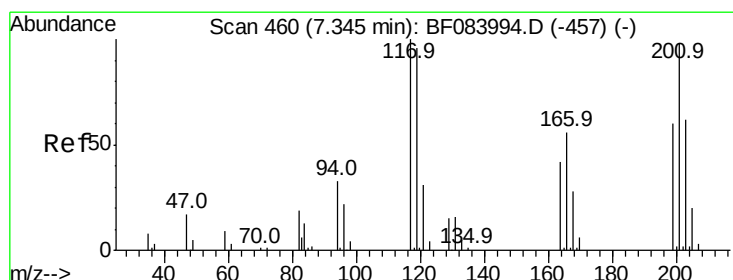
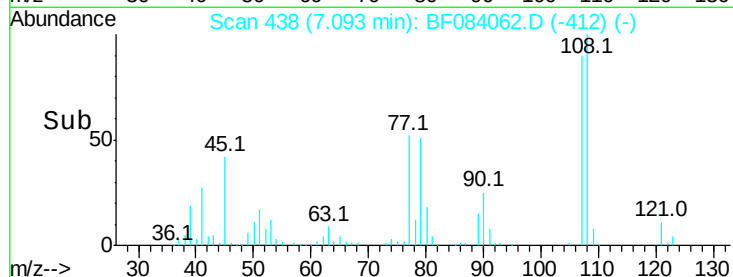
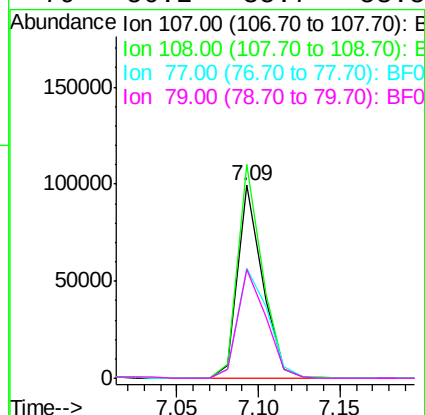
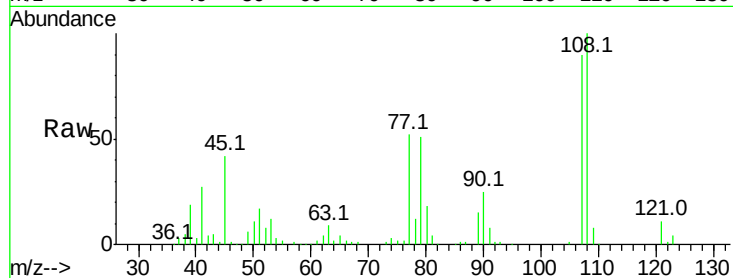




#17
2-Methylphenol
Concen: 39.05 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.00 min
Lab File: BF084062.D
Acq: 24 Dec 2015 4:45

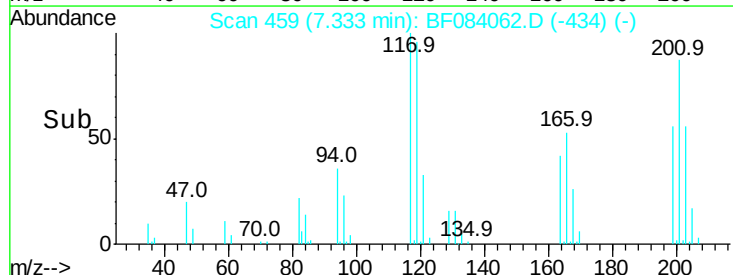
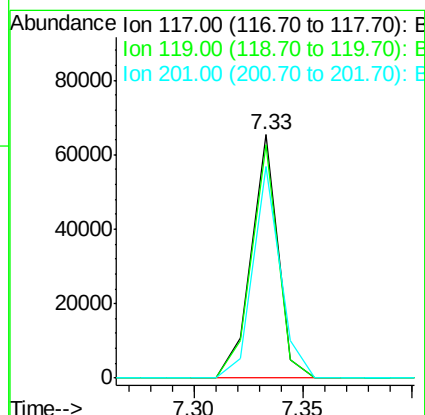
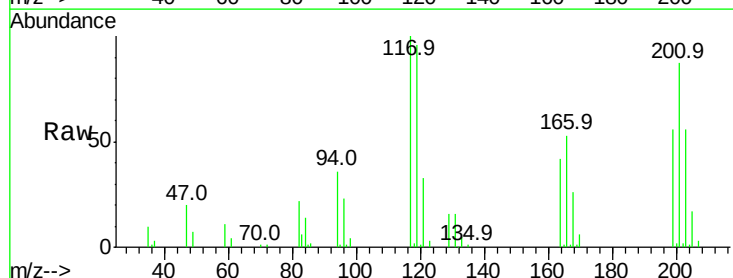
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

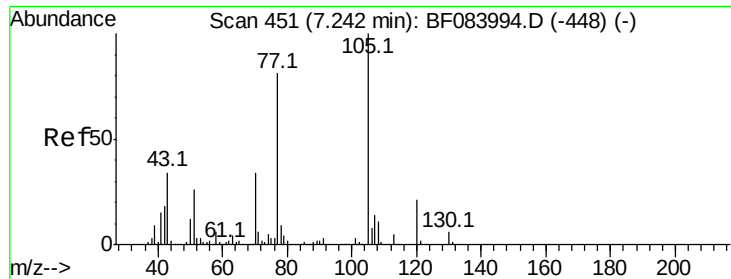
Tot Ion:107 Resp: 104016
Ion Ratio Lower Upper
107 100
108 110.5 89.8 134.6
77 57.2 35.7 53.5#
79 56.2 35.7 53.5#



#18
Hexachloroethane
Concen: 41.85 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF084062.D
Acq: 24 Dec 2015 4:45

Tgt Ion:117 Resp: 55667
Ion Ratio Lower Upper
117 100
119 96.0 77.4 116.0
201 86.8 68.6 103.0





#19

n-Nitroso-di-n-propylamine

Concen: 42.92 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF084062.D

Acq: 24 Dec 2015 4:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 88783

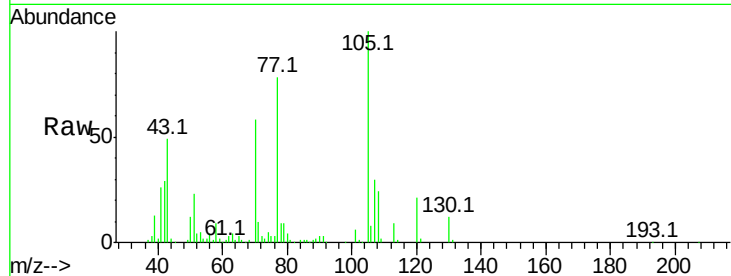
Ion Ratio Lower Upper

70 100

42 49.4 33.3 49.9

101 10.0 9.3 13.9

130 21.2 23.4 35.0#

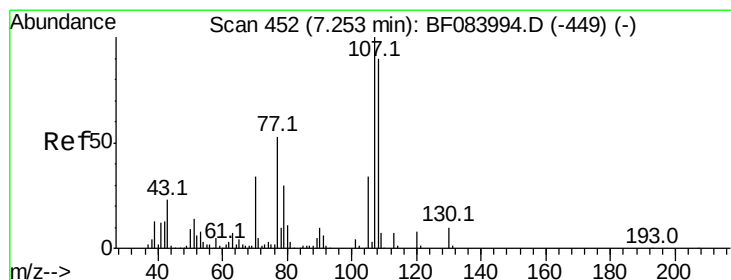
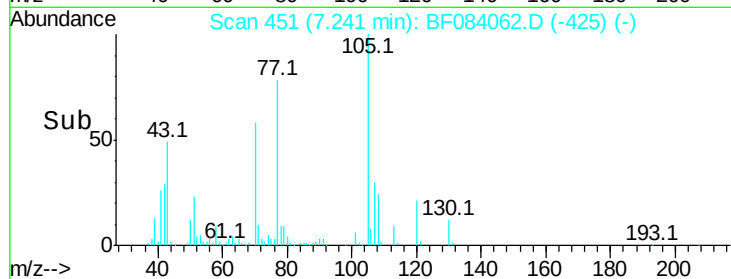
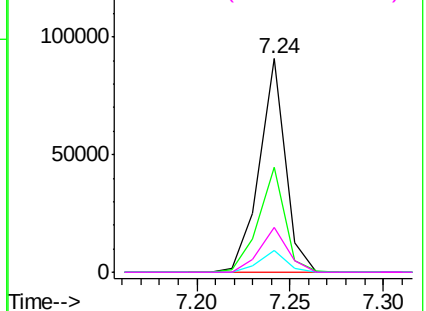


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 43.77 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF084062.D

Acq: 24 Dec 2015 4:45

Tgt Ion: 107 Resp: 143845

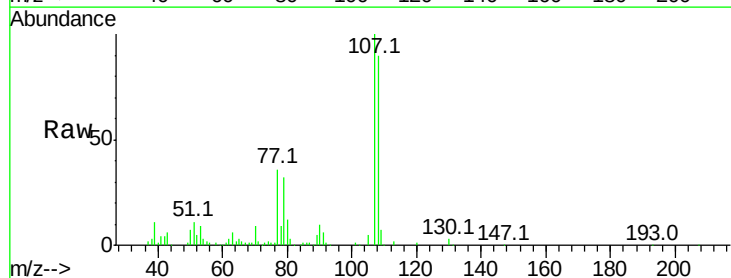
Ion Ratio Lower Upper

107 100

108 90.2 64.1 104.1

77 35.8 128.9 168.9#

79 31.8 9.6 49.6

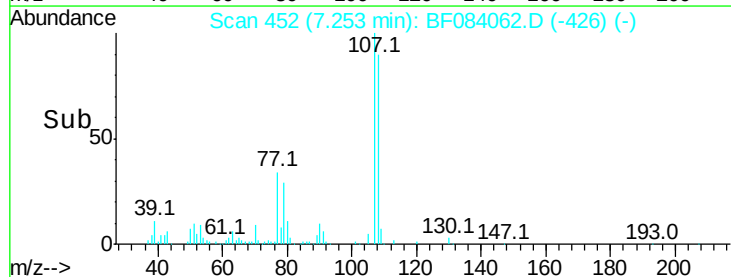
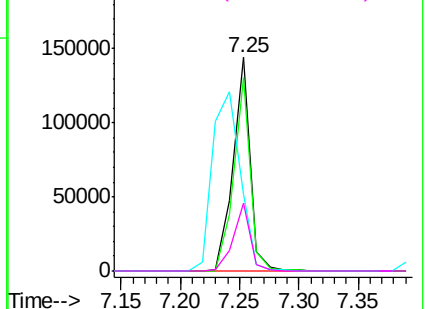


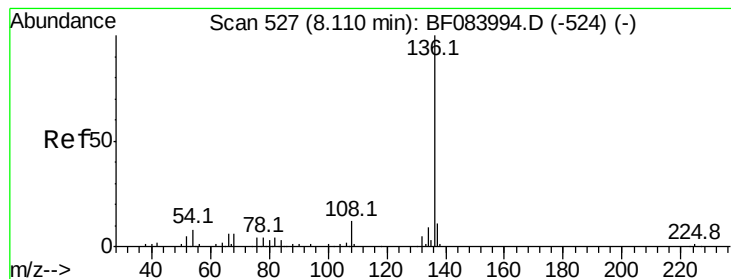
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF084062.D

Acq: 24 Dec 2015 4:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 204647

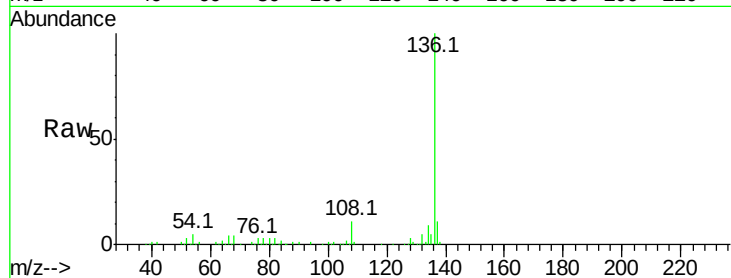
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 4.5 5.8 8.8#

68 3.5 4.2 6.2#

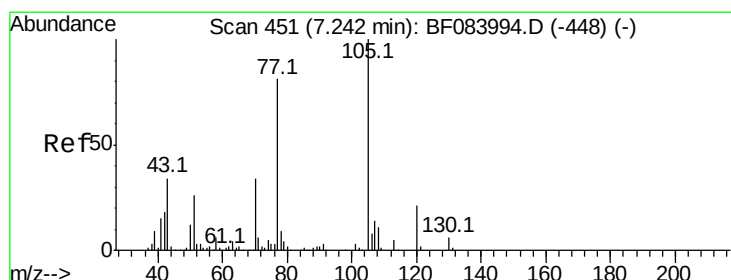
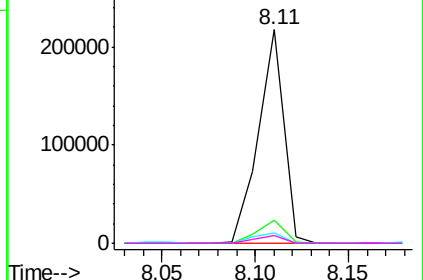
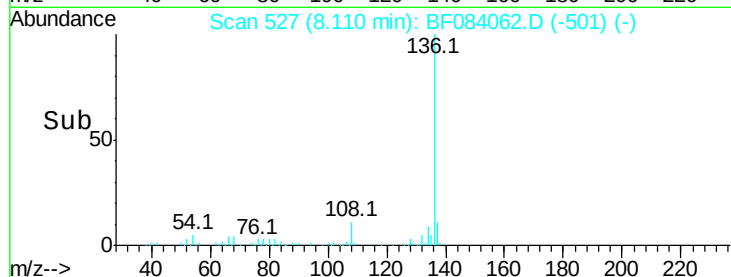


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.18 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF084062.D

Acq: 24 Dec 2015 4:45

Tgt Ion:105 Resp: 202532

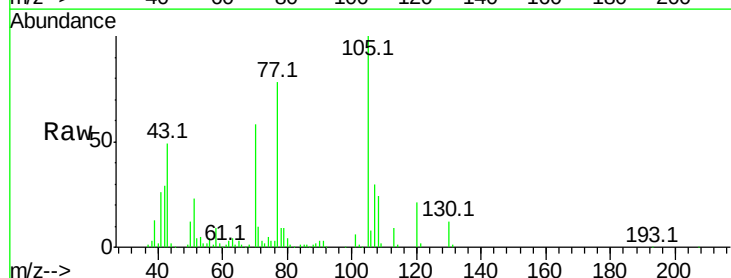
Ion Ratio Lower Upper

105 100

71 9.6 3.7 5.5#

51 23.3 25.1 37.7#

120 20.9 16.6 25.0

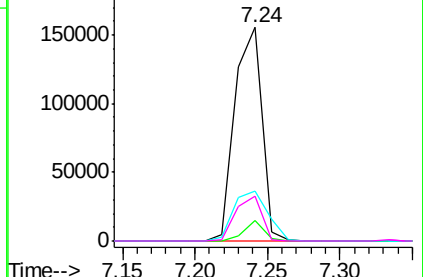
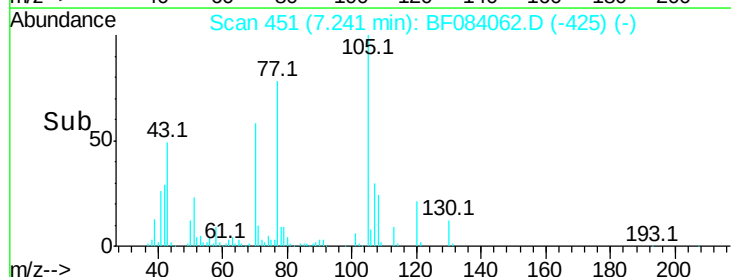


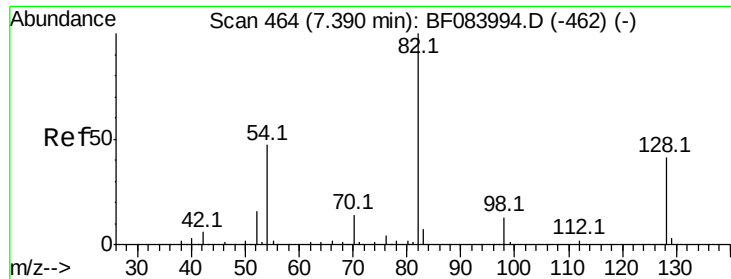
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

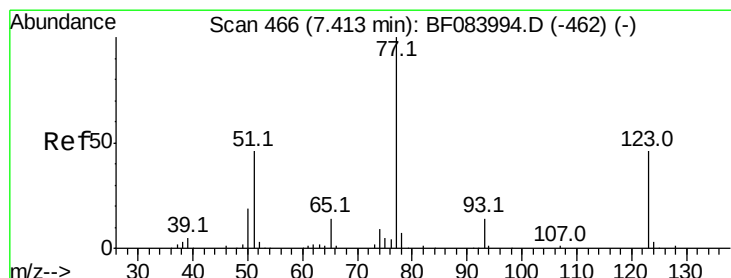
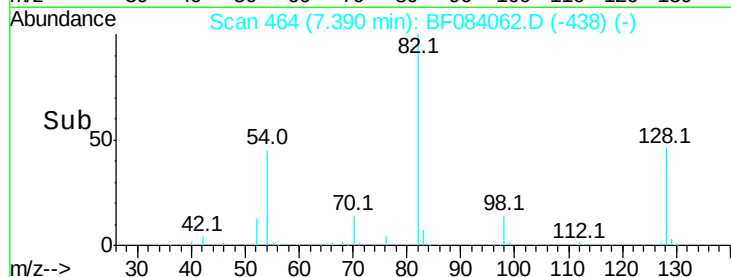
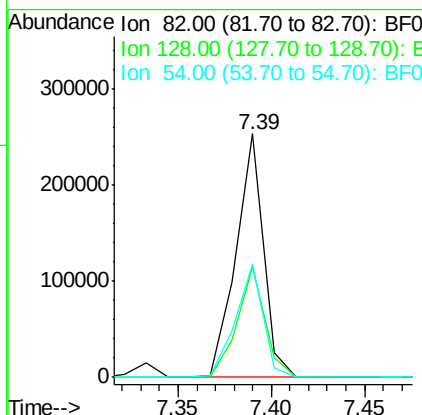
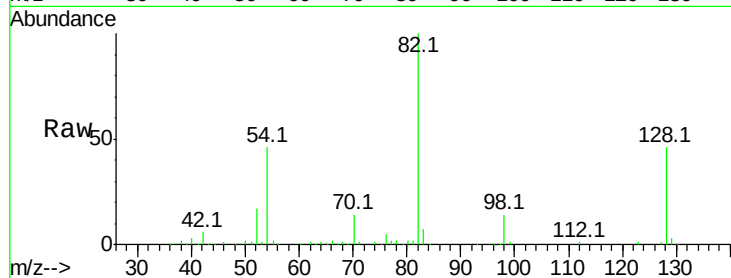




#23
 Nitrobenzene-d5
 Concen: 78.45 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.00 min
 Lab File: BF084062.D
 Acq: 24 Dec 2015 4:45

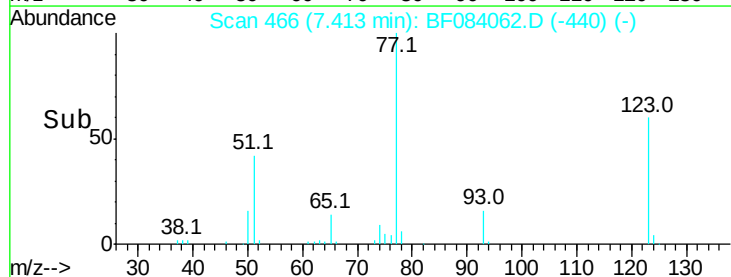
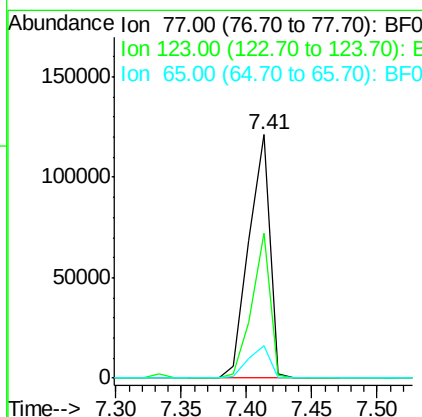
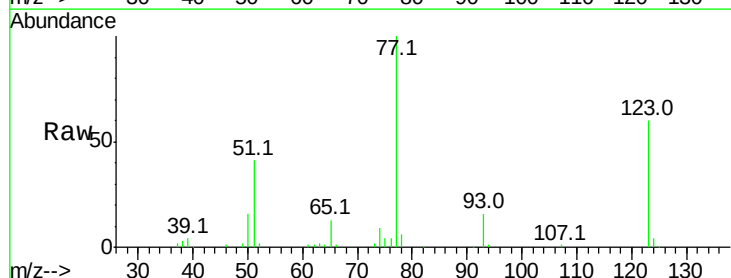
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

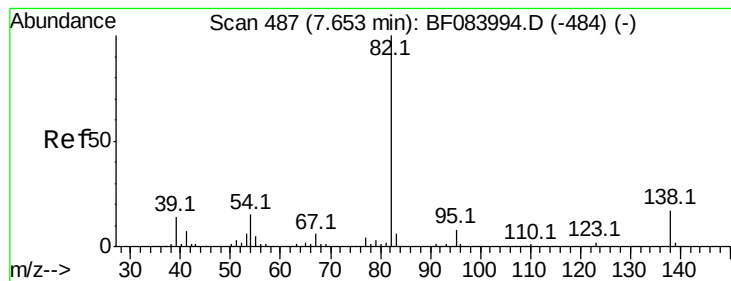
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.6	51.8
54	46.3	38.4	57.6



#24
 Nitrobenzene
 Concen: 39.84 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.00 min
 Lab File: BF084062.D
 Acq: 24 Dec 2015 4:45

Tgt Ion	Ratio	Lower	Upper
77	100		
123	59.7	37.4	56.2#
65	13.4	10.9	16.3





#25

Isophorone

Concen: 40.36 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF084062.D

Acq: 24 Dec 2015 4:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

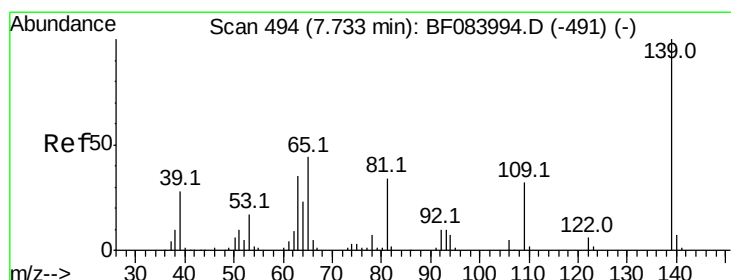
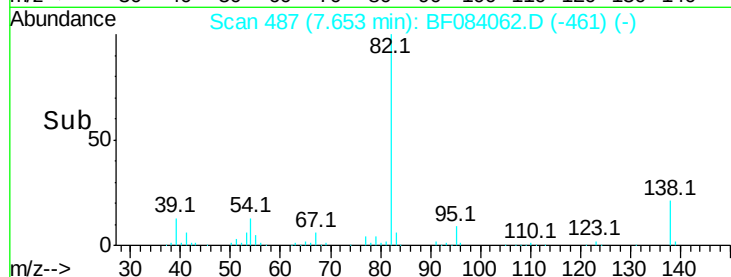
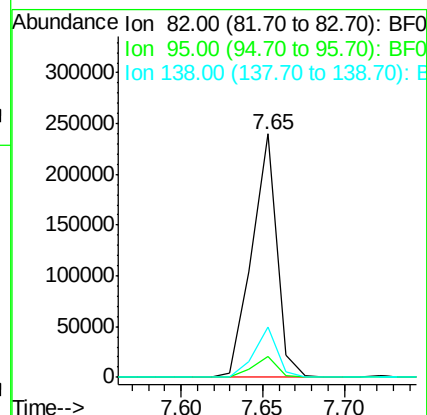
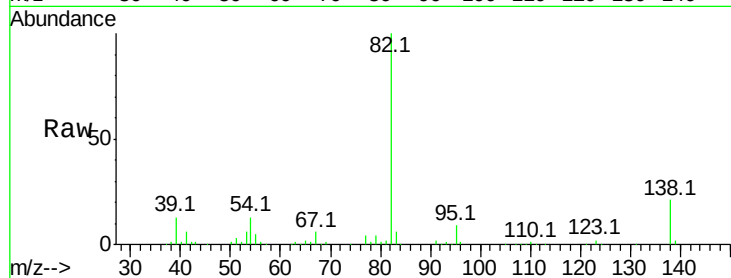
Tot Ion: 82 Resp: 254782

Ion Ratio Lower Upper

82 100

95 8.8 6.6 10.0

138 20.5 13.6 20.4#



#26

2-Nitrophenol

Concen: 35.35 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF084062.D

Acq: 24 Dec 2015 4:45

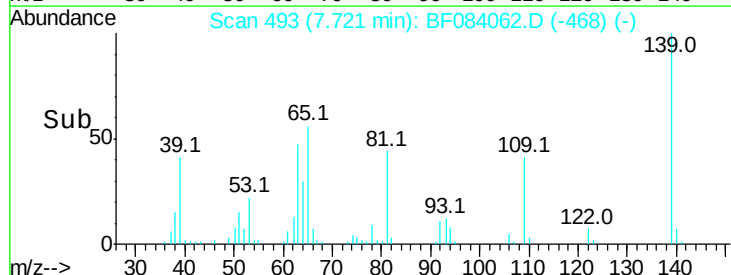
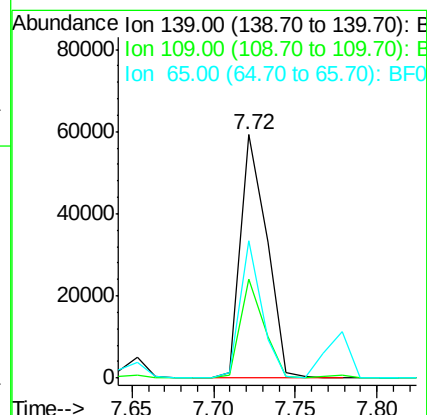
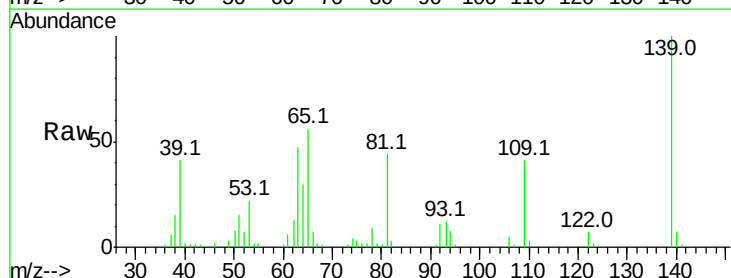
Tgt Ion: 139 Resp: 65320

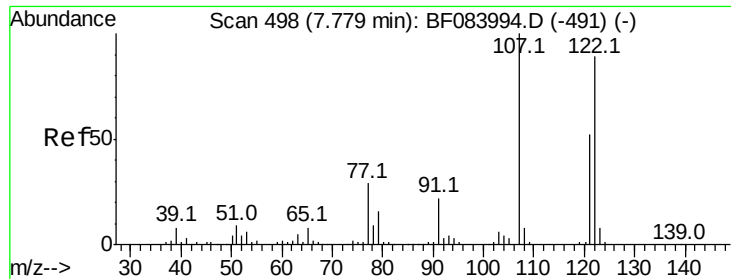
Ion Ratio Lower Upper

139 100

109 40.6 25.4 38.2#

65 56.2 32.3 48.5#

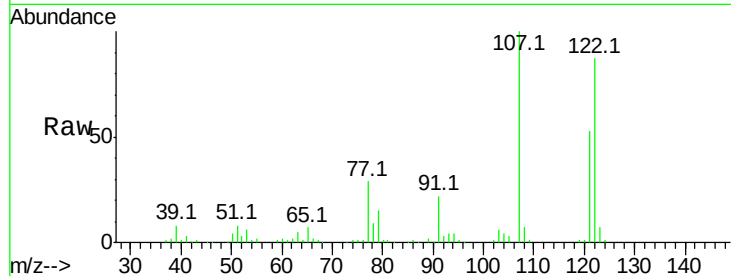




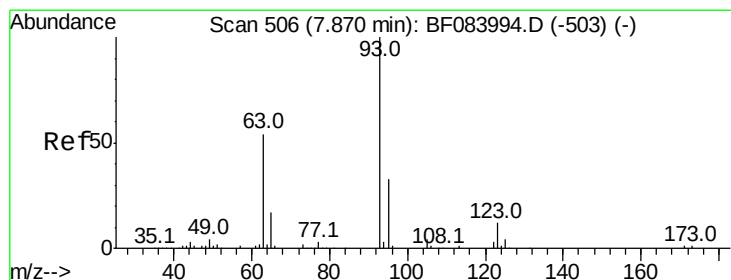
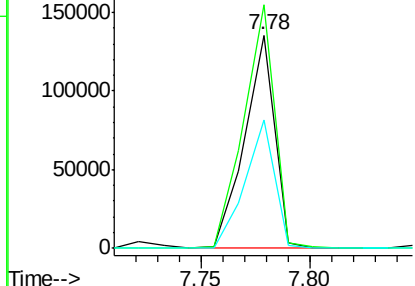
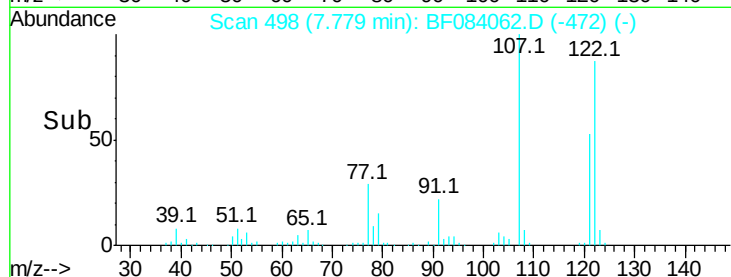
#27
2,4-Dimethylphenol
Concen: 40.31 ng
RT: 7.78 min Scan# 498
Delta R.T. -0.00 min
Lab File: BF084062.D
Acq: 24 Dec 2015 4:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:122 Resp: 129806
Ion Ratio Lower Upper
122 100
107 114.3 99.1 148.7
121 60.4 47.9 71.9

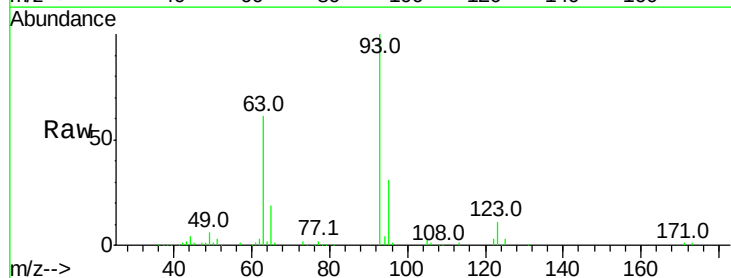


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

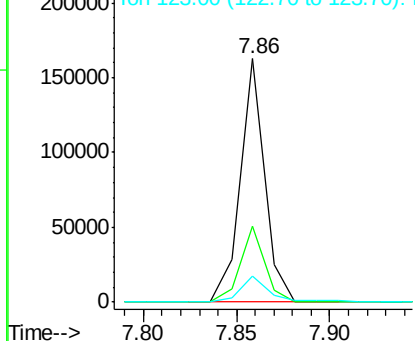
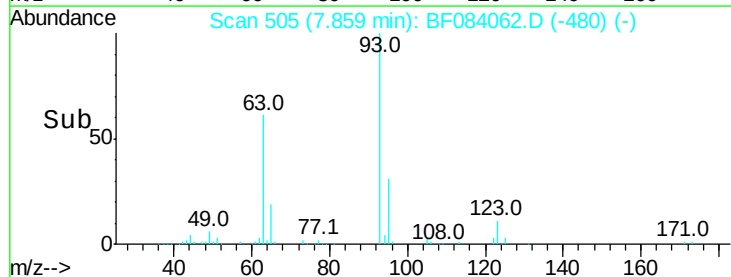


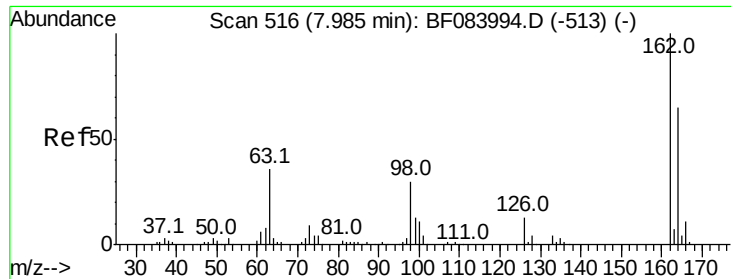
#28
bis(2-Chloroethoxy)methane
Concen: 38.12 ng
RT: 7.86 min Scan# 505
Delta R.T. -0.01 min
Lab File: BF084062.D
Acq: 24 Dec 2015 4:45

Tgt Ion: 93 Resp: 149031
Ion Ratio Lower Upper
93 100
95 31.4 25.8 38.6
123 10.6 8.6 12.8



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E

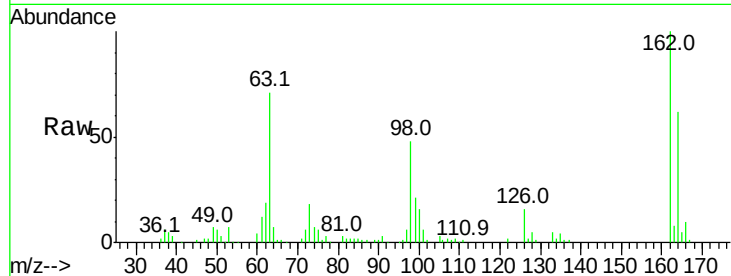




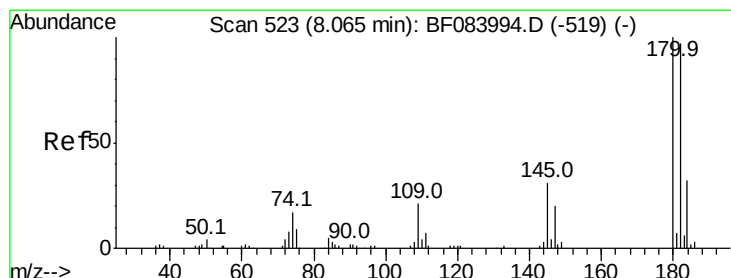
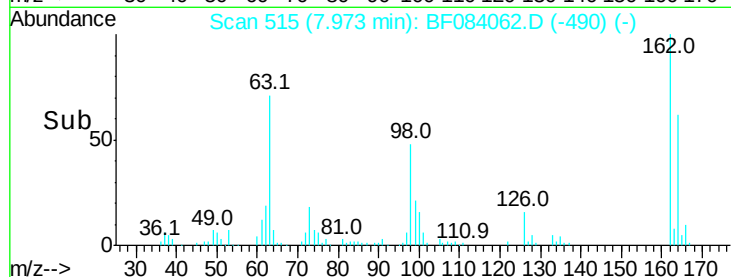
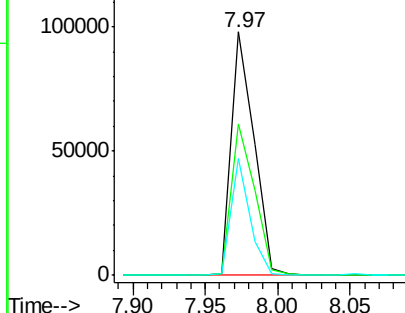
#29
 2,4-Dichlorophenol
 Concen: 37.12 ng
 RT: 7.97 min Scan# 515
 Delta R.T. -0.01 min
 Lab File: BF084062.D
 Acq: 24 Dec 2015 4:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.3	44.1	84.1
98	48.3	20.2	60.2

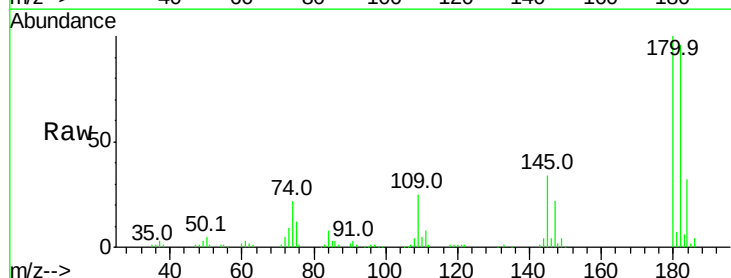


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

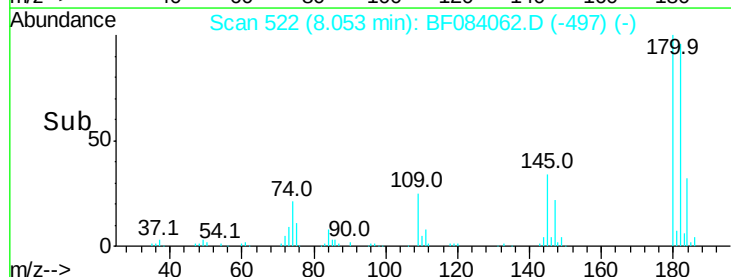
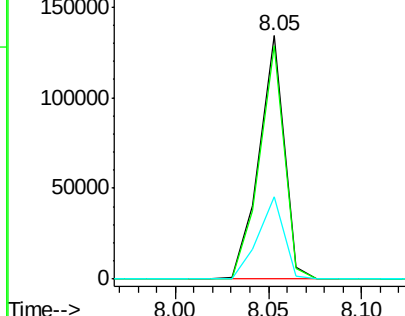


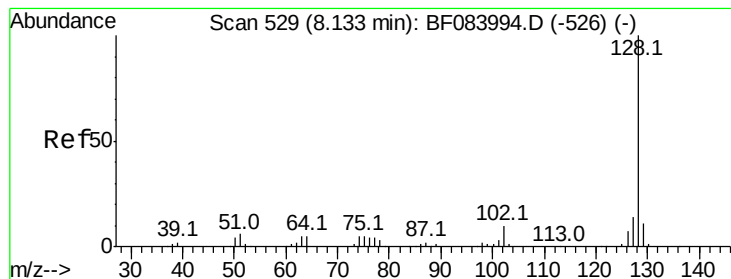
#30
 1,2,4-Trichlorobenzene
 Concen: 41.56 ng
 RT: 8.05 min Scan# 522
 Delta R.T. -0.01 min
 Lab File: BF084062.D
 Acq: 24 Dec 2015 4:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.4	114.6
145	34.0	31.6	47.4



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.79 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF084062.D

Acq: 24 Dec 2015 4:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

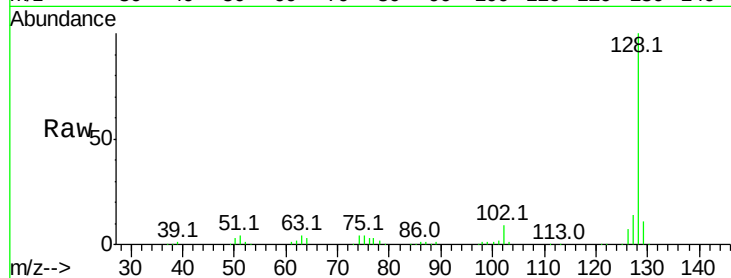
Tot Ion:128 Resp: 416010

Ion Ratio Lower Upper

128 100

129 10.9 9.1 13.7

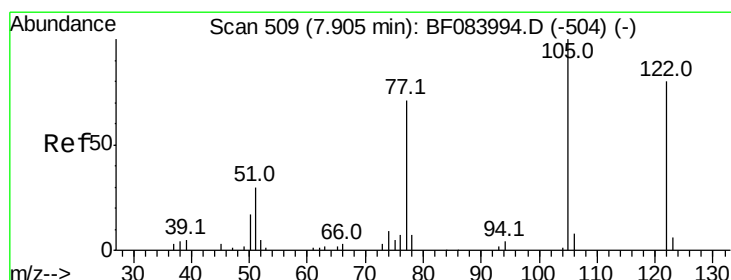
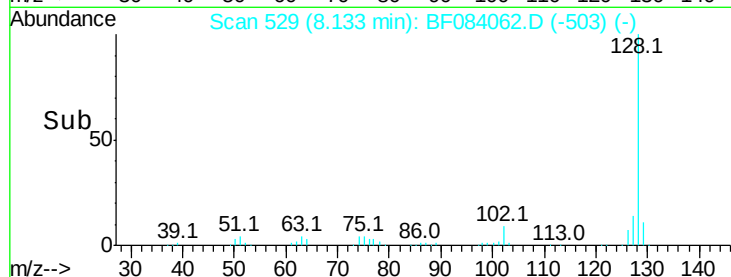
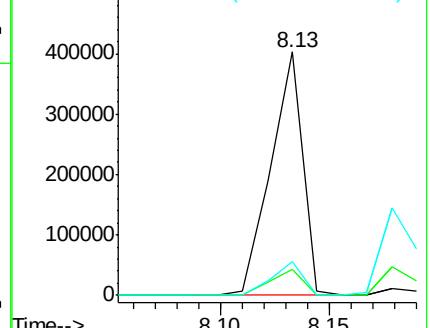
127 13.7 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 26.84 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.01 min

Lab File: BF084062.D

Acq: 24 Dec 2015 4:45

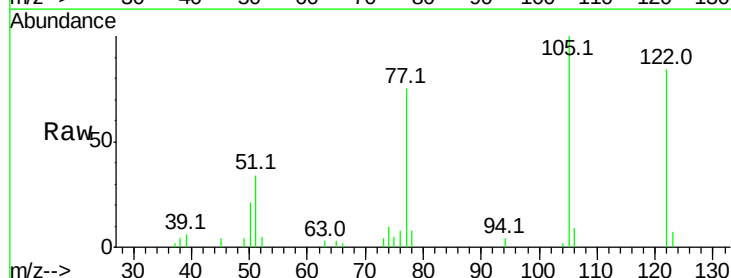
Tgt Ion:122 Resp: 35981

Ion Ratio Lower Upper

122 100

105 119.5 100.3 140.3

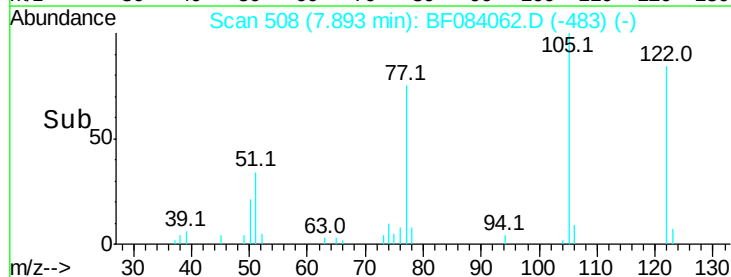
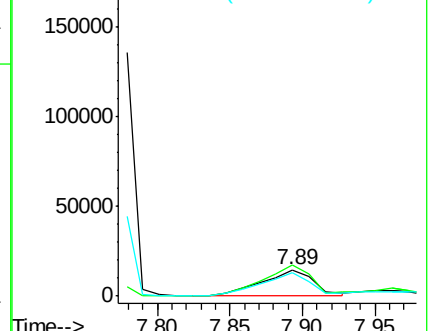
77 89.5 63.5 103.5

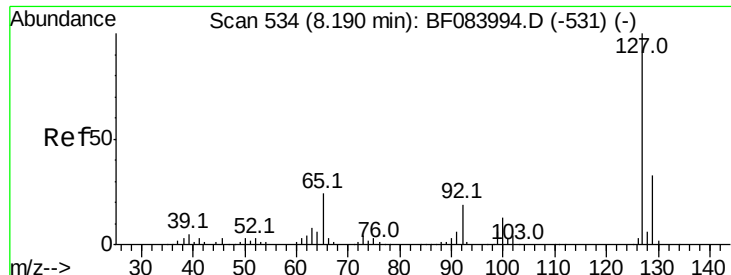


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

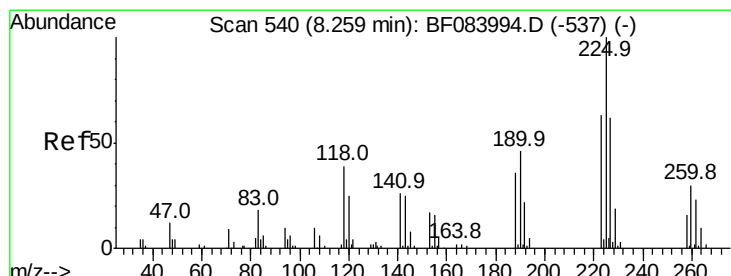
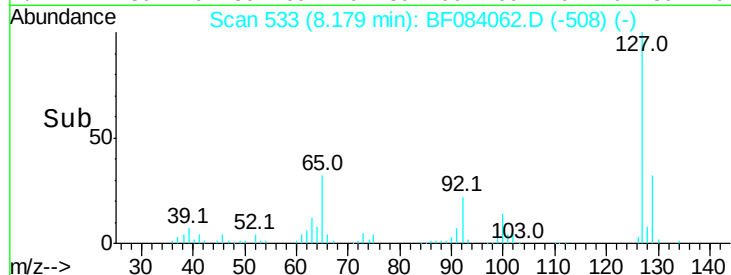
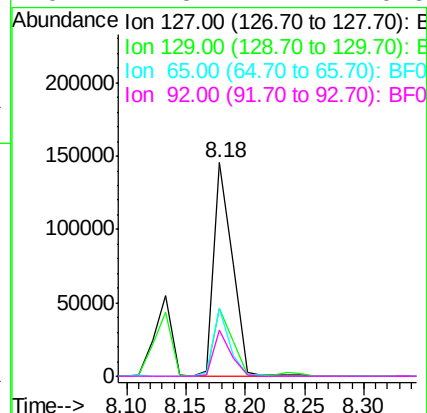
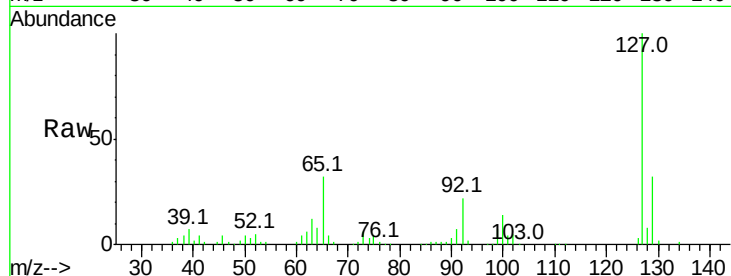




#33
4-Chloroaniline
Concen: 37.28 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF084062.D
Acq: 24 Dec 2015 4:45

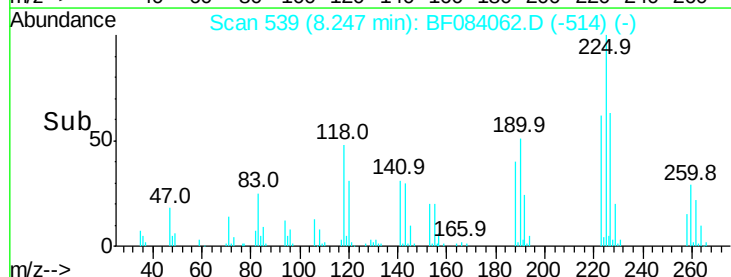
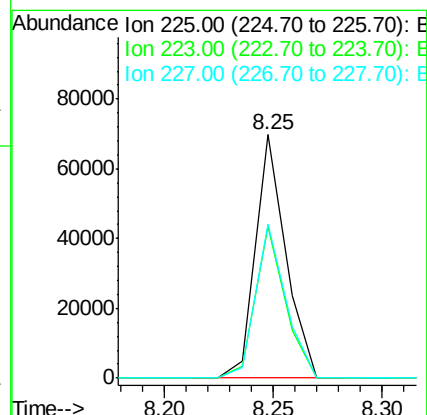
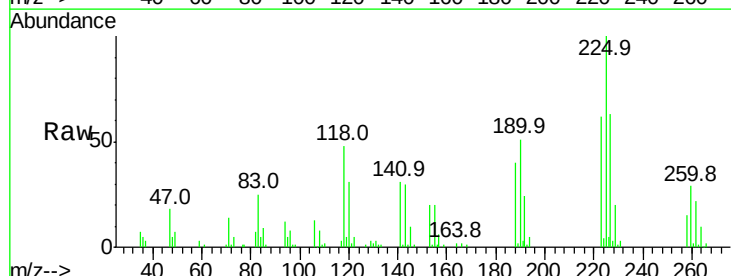
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

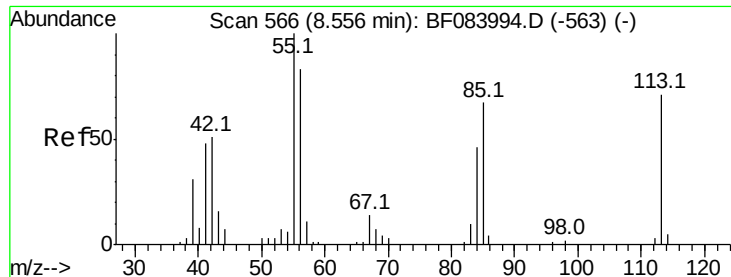
Tot Ion:	127	Resp:	159397
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.5	39.7
65	31.9	27.2	40.8
92	21.8	17.7	26.5



#34
Hexachlorobutadiene
Concen: 37.55 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF084062.D
Acq: 24 Dec 2015 4:45

Tgt Ion:	225	Resp:	67359
Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.4	74.0
227	63.0	50.8	76.2





#35

Caprolactam

Concen: 38.85 ng

RT: 8.57 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF084062.D

Acq: 24 Dec 2015 4:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

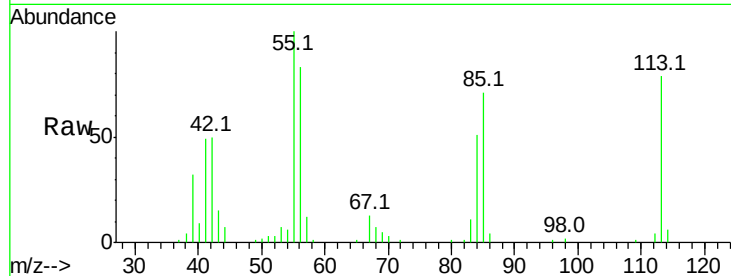
Tot Ion:113 Resp: 33591

Ion Ratio Lower Upper

113 100

55 126.5 116.9 156.9

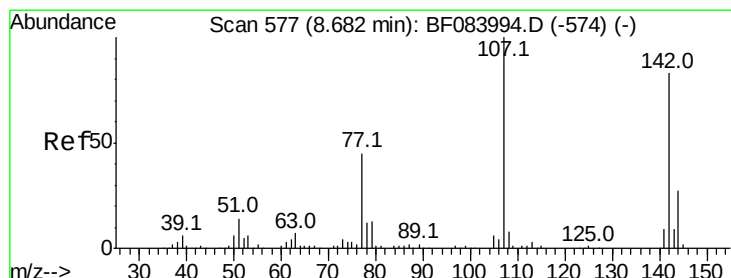
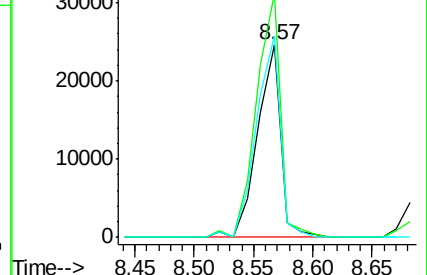
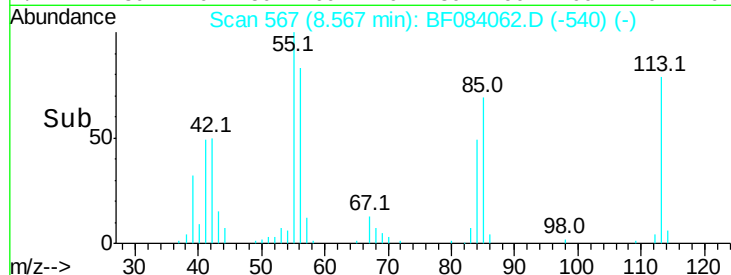
56 104.7 93.8 133.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 42.04 ng

RT: 8.68 min Scan# 577

Delta R.T. -0.00 min

Lab File: BF084062.D

Acq: 24 Dec 2015 4:45

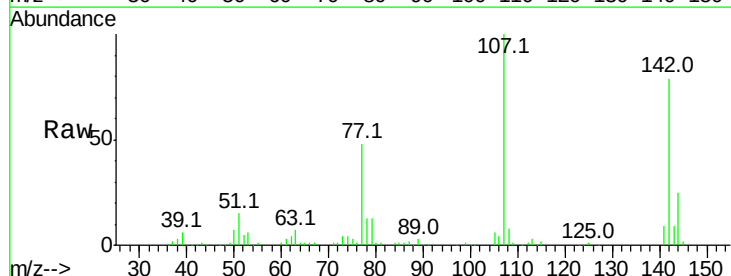
Tgt Ion:107 Resp: 129371

Ion Ratio Lower Upper

107 100

144 24.9 19.7 29.5

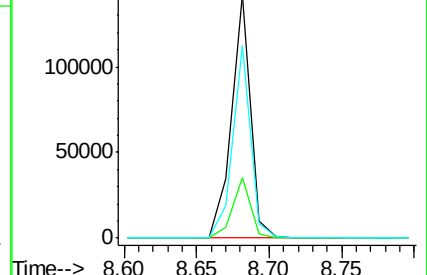
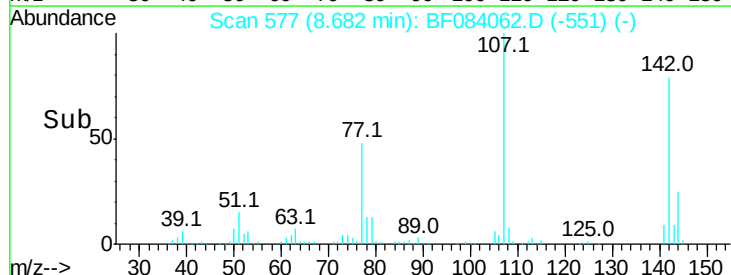
142 79.0 61.8 92.6

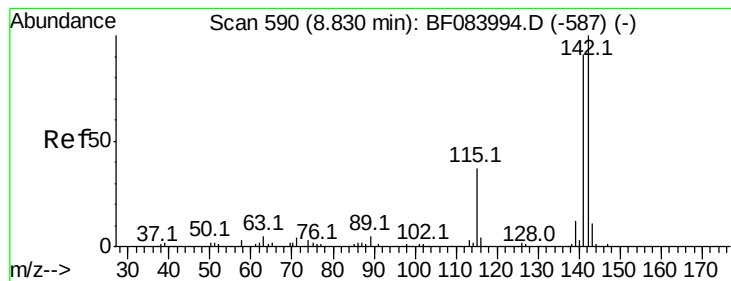


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.15 ng

RT: 8.82 min Scan# 589

Delta R.T. -0.01 min

Lab File: BF084062.D

Acq: 24 Dec 2015 4:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

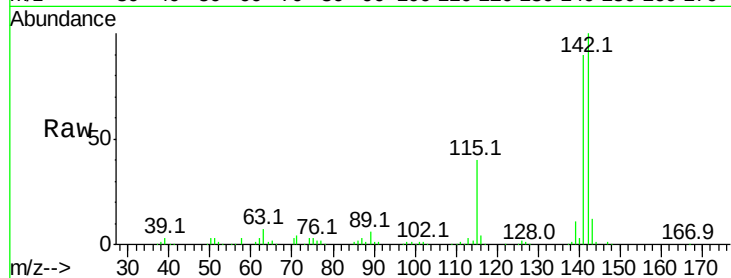
Tot Ion:142 Resp: 265028

Ion Ratio Lower Upper

142 100

141 89.8 72.4 108.6

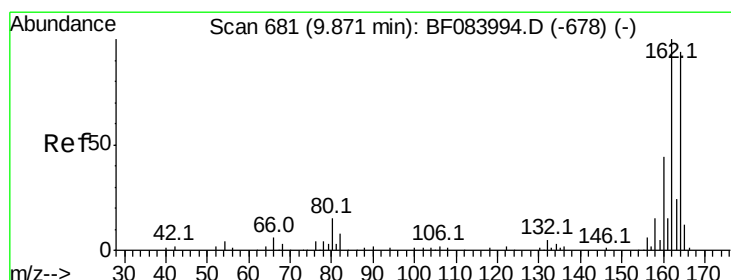
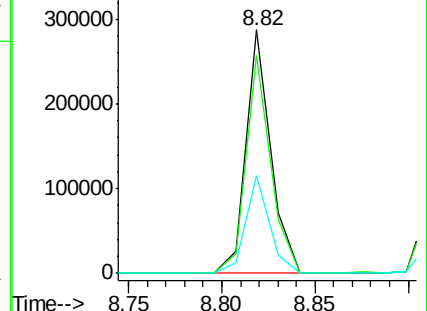
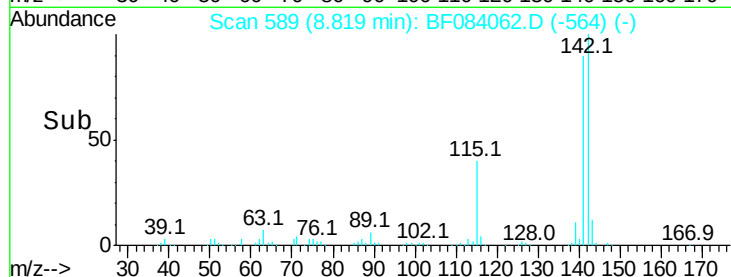
115 40.1 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF084062.D

Acq: 24 Dec 2015 4:45

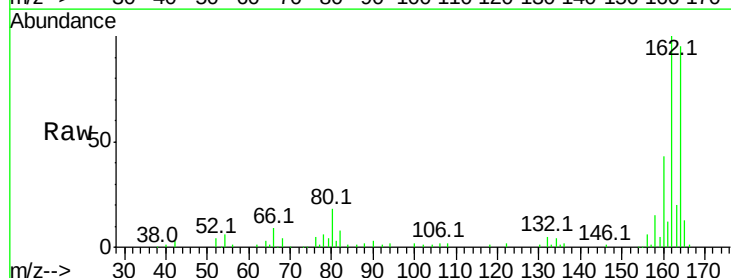
Tgt Ion:164 Resp: 89747

Ion Ratio Lower Upper

164 100

162 105.6 85.1 127.7

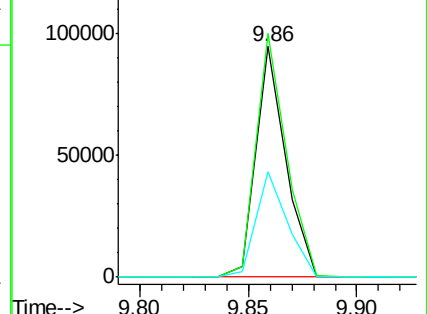
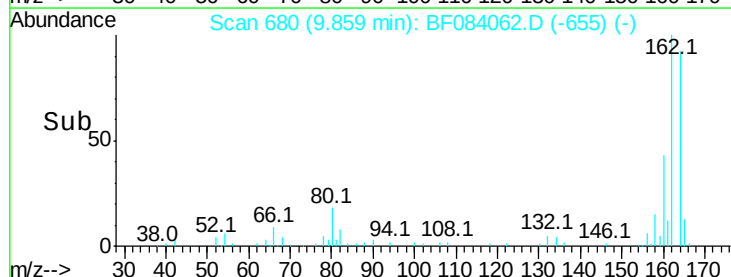
160 45.8 37.5 56.3

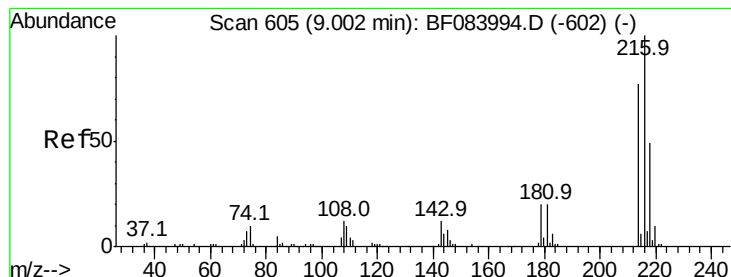


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.08 ng

RT: 8.99 min Scan# 604

Delta R.T. -0.01 min

Lab File: BF084062.D

Acq: 24 Dec 2015 4:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 121618

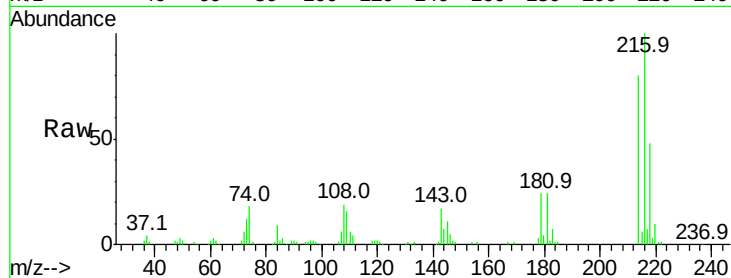
Ion Ratio Lower Upper

216 100

214 79.9 64.2 96.2

179 24.3 18.7 28.1

108 20.6 16.8 25.2

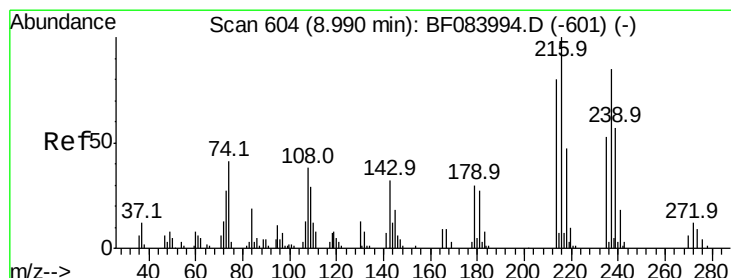
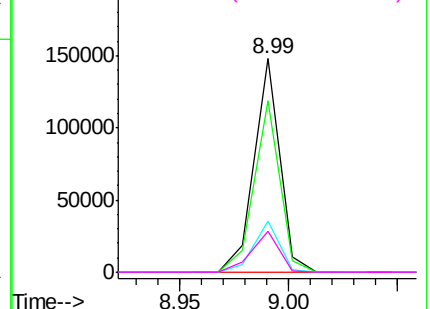
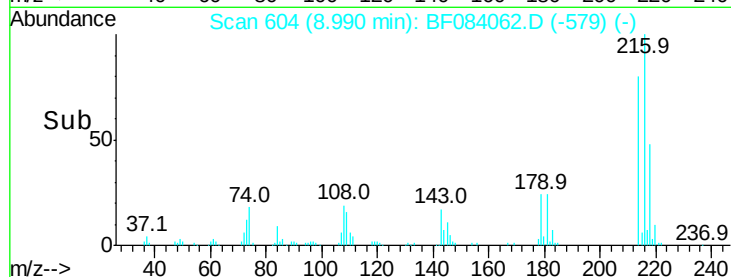


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 19.76 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.01 min

Lab File: BF084062.D

Acq: 24 Dec 2015 4:45

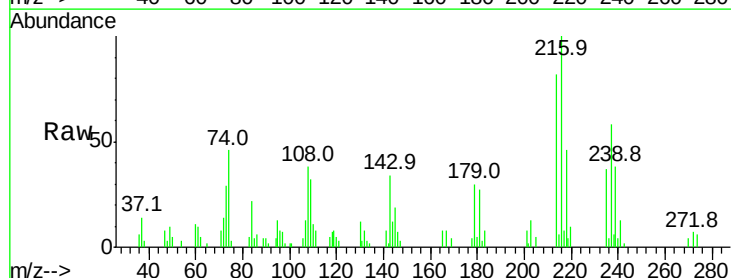
Tgt Ion:237 Resp: 8539

Ion Ratio Lower Upper

237 100

235 63.4 43.1 83.1

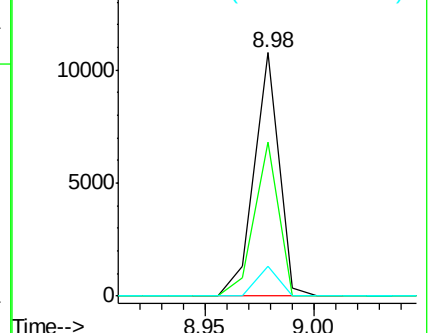
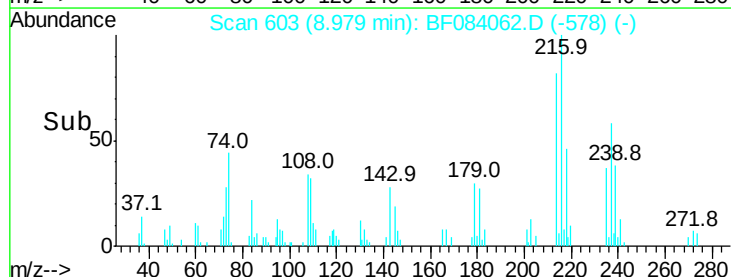
272 12.3 0.0 35.1

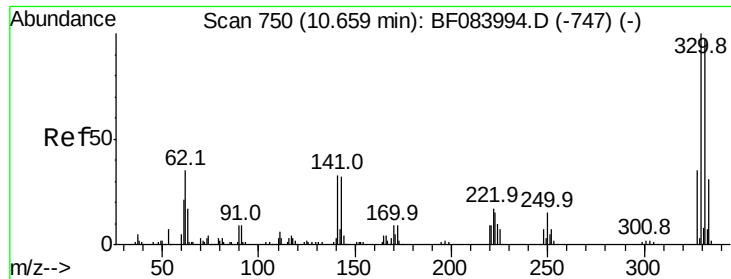


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

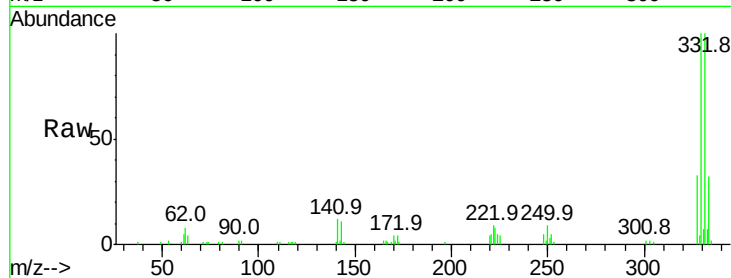




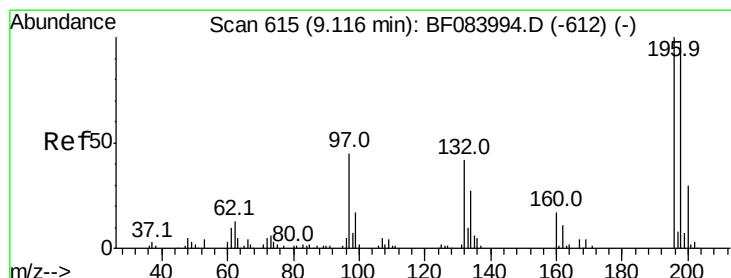
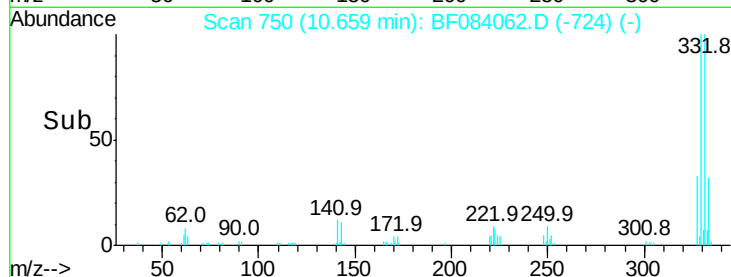
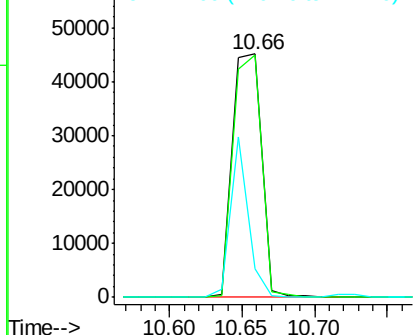
#41
 2,4,6-Tribromophenol
 Concen: 73.14 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF084062.D
 Acq: 24 Dec 2015 4:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:330 Resp: 63137
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 114.8
 141 40.0 27.8 41.6

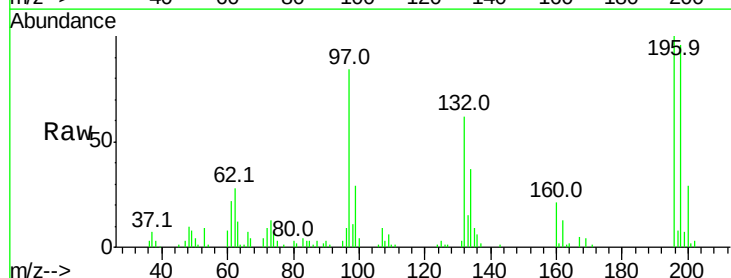


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

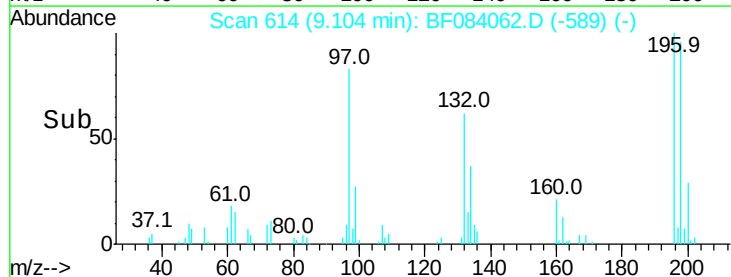
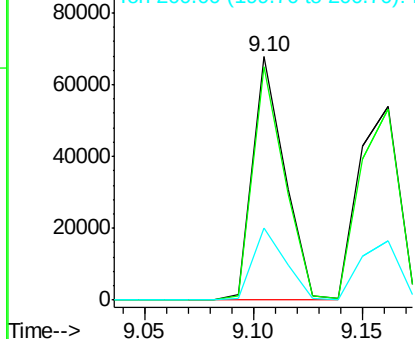


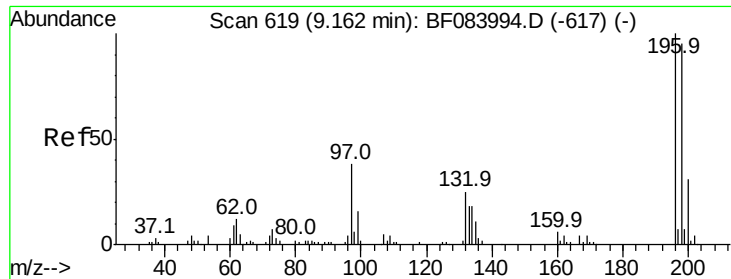
#42
 2,4,6-Trichlorophenol
 Concen: 42.93 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF084062.D
 Acq: 24 Dec 2015 4:45

Tgt Ion:196 Resp: 69749
 Ion Ratio Lower Upper
 196 100
 198 95.9 77.7 116.5
 200 29.5 24.6 37.0



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

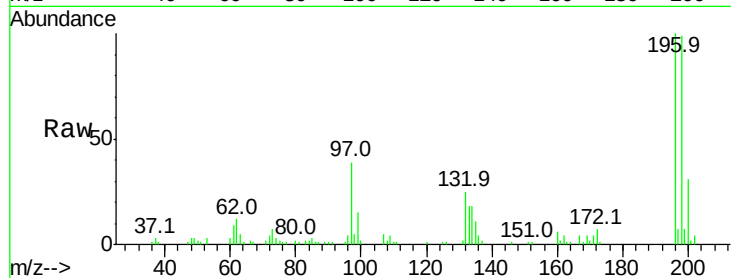




#43
 2,4,5-Trichlorophenol
 Concen: 41.71 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF084062.D
 Acq: 24 Dec 2015 4:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	70523
Ion	Ratio	Lower	Upper
196	100		
198	98.6	79.0	118.6
97	38.9	33.0	49.6
132	24.7	21.1	31.7



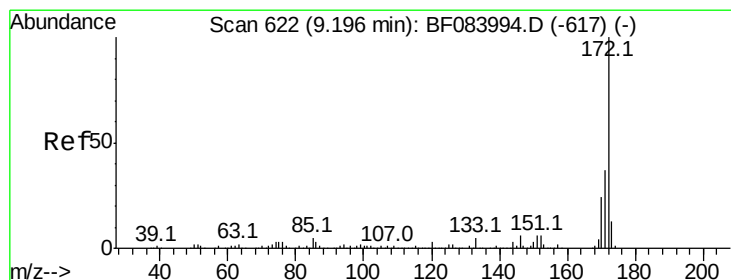
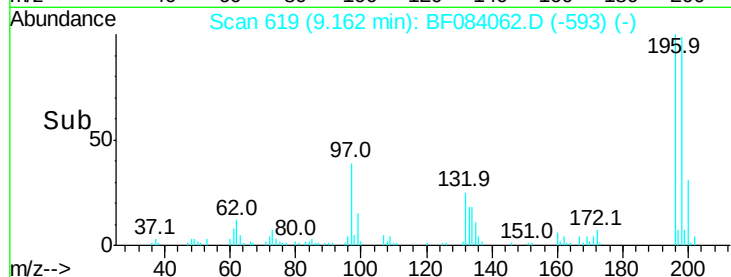
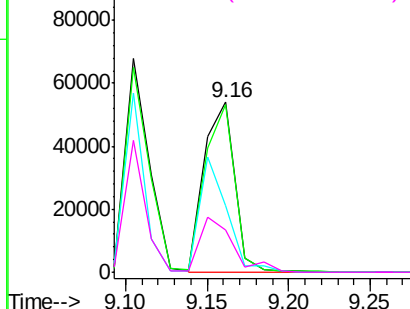
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

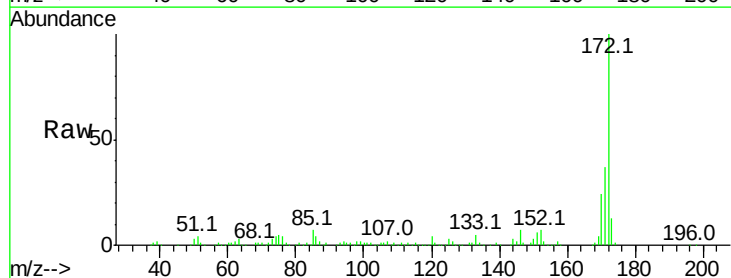
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 75.15 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF084062.D
 Acq: 24 Dec 2015 4:45

Tgt Ion:	172	Resp:	501131
Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.9	43.3
170	24.4	18.6	27.8

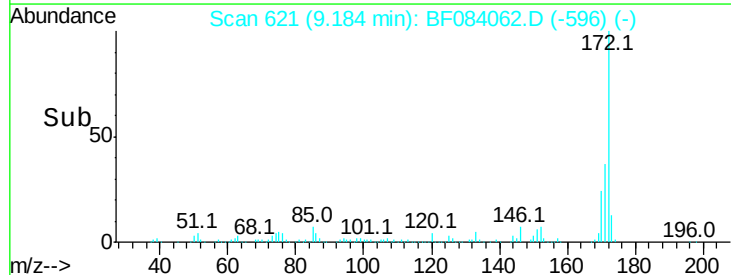
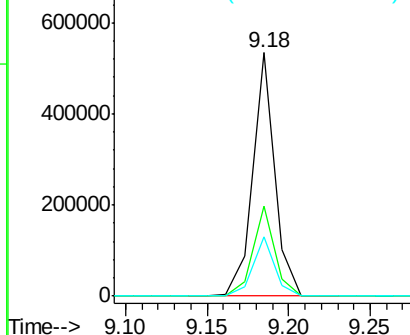


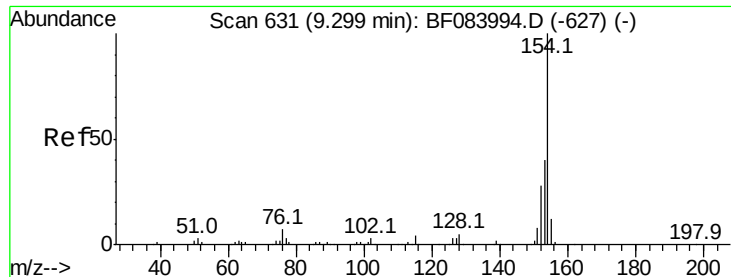
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 44.48 ng

RT: 9.29 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF084062.D

Acq: 24 Dec 2015 4:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

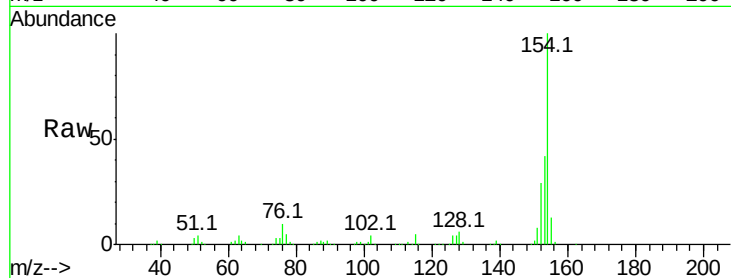
Tot Ion:154 Resp: 352928

Ion Ratio Lower Upper

154 100

153 41.7 21.6 61.6

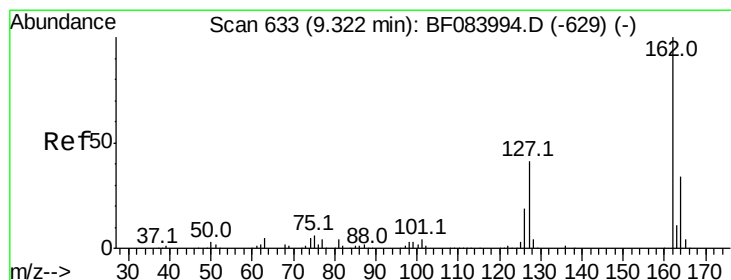
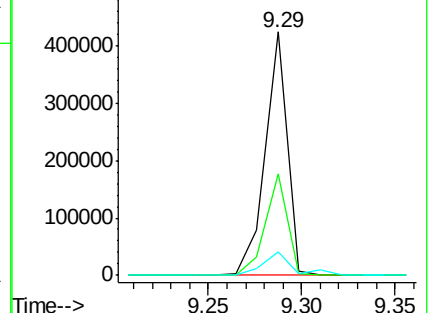
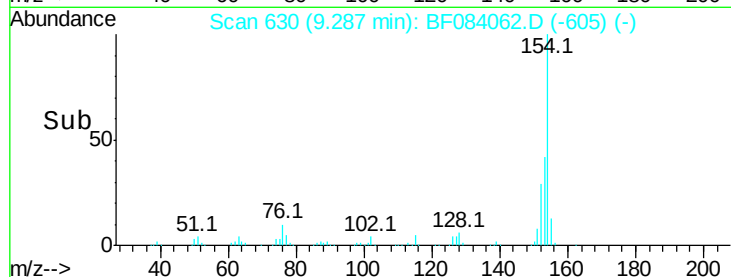
76 9.8 0.0 32.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 42.19 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF084062.D

Acq: 24 Dec 2015 4:45

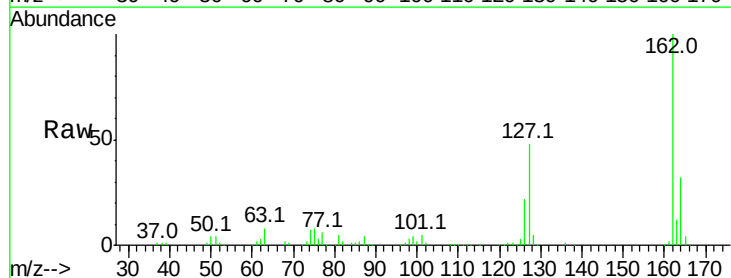
Tgt Ion:162 Resp: 240953

Ion Ratio Lower Upper

162 100

127 48.0 40.2 60.4

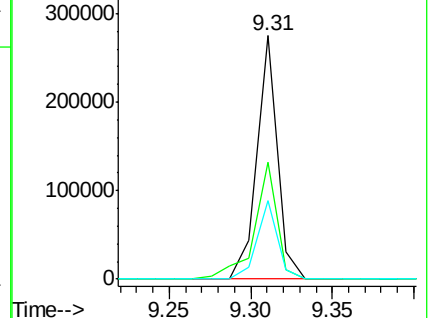
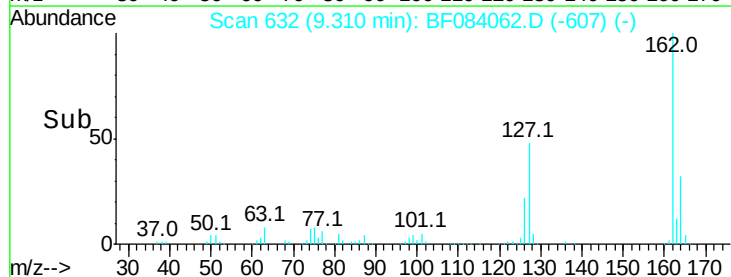
164 32.4 25.7 38.5

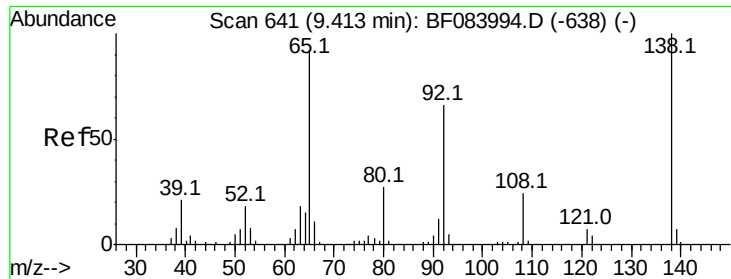


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

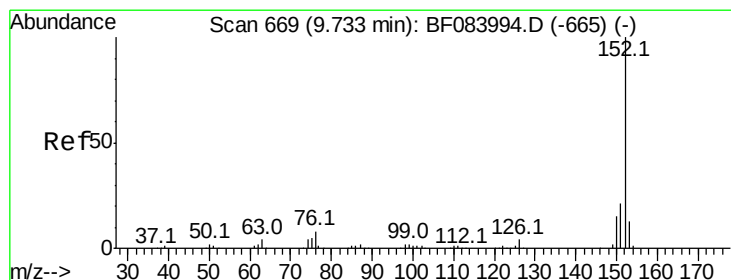
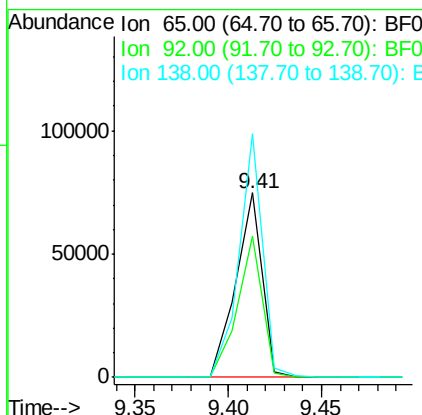
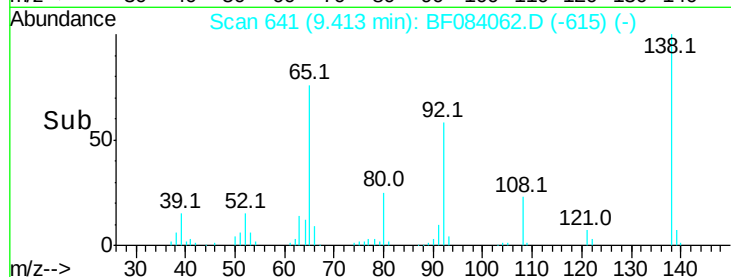
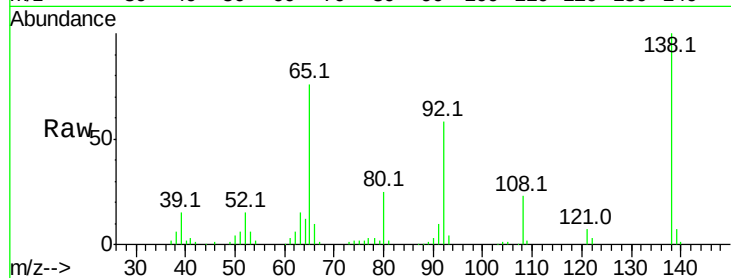




#47
 2-Nitroaniline
 Concen: 47.29 ng
 RT: 9.41 min Scan# 641
 Delta R.T. -0.00 min
 Lab File: BF084062.D
 Acq: 24 Dec 2015 4:45

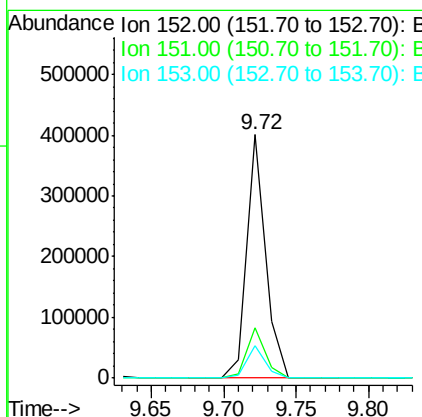
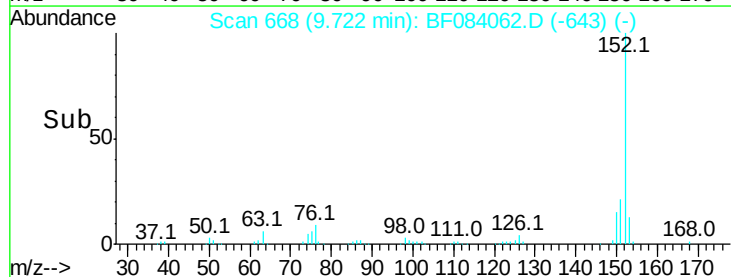
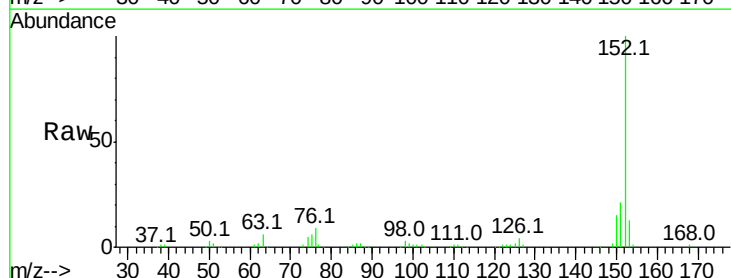
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

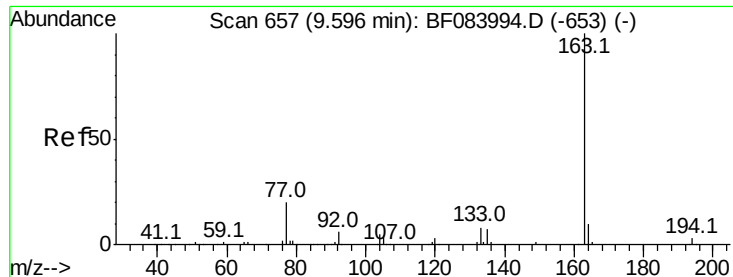
Tot Ion: 65 Resp: 73637
 Ion Ratio Lower Upper
 65 100
 92 76.8 53.4 80.2
 138 131.9 71.1 106.7#



#48
 Acenaphthylene
 Concen: 39.96 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF084062.D
 Acq: 24 Dec 2015 4:45

Tgt Ion:152 Resp: 361425
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.3 24.5
 153 13.4 10.4 15.6

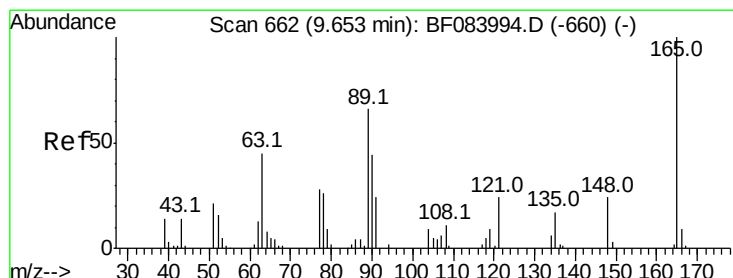
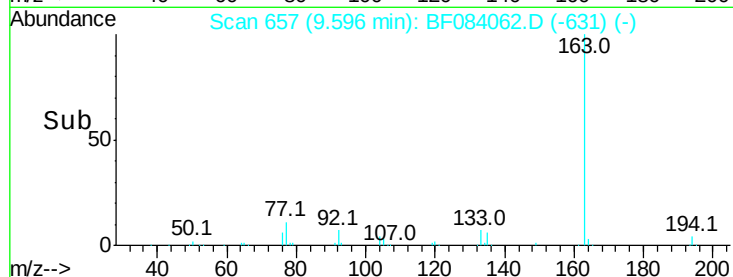
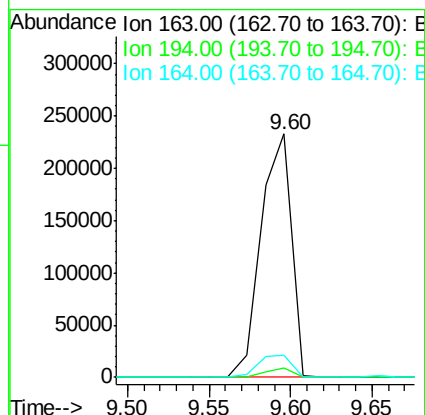
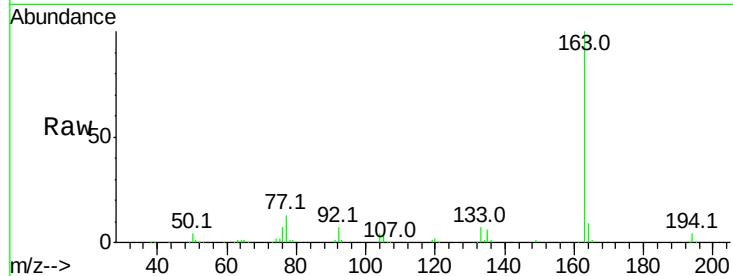




#49
Dimethylphthalate
Concen: 42.99 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.00 min
Lab File: BF084062.D
Acq: 24 Dec 2015 4:45

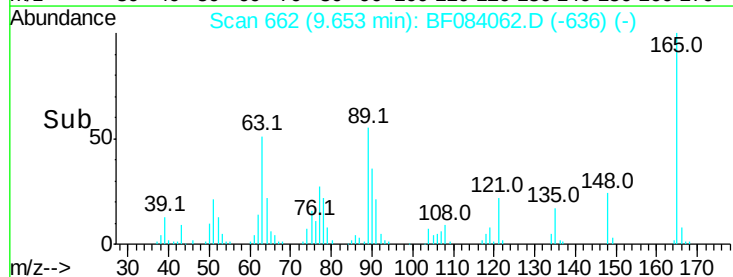
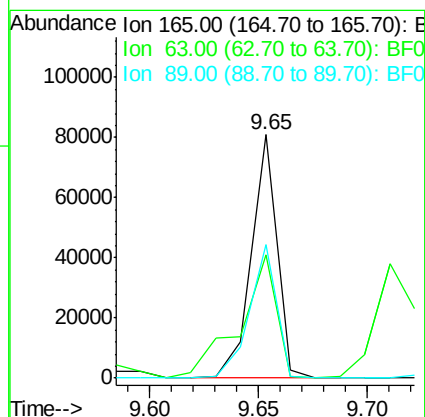
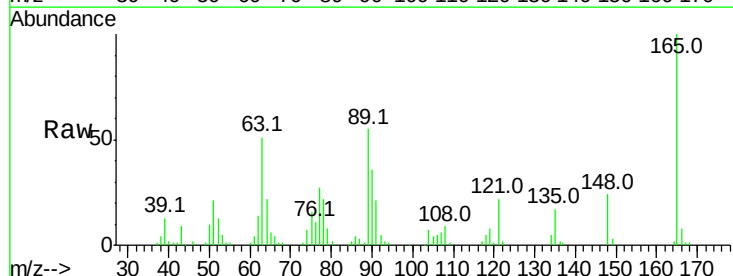
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

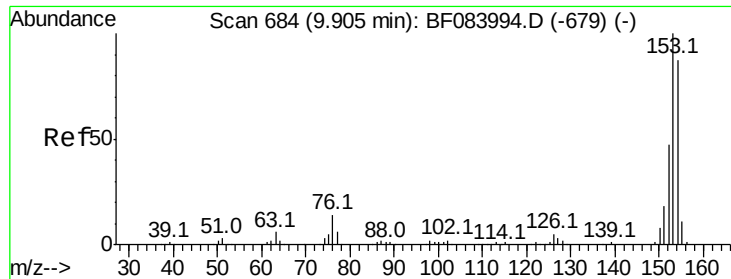
Tot Ion:163 Resp: 301940
Ion Ratio Lower Upper
163 100
194 3.9 8.0 12.0#
164 9.4 8.0 12.0



#50
2,6-Dinitrotoluene
Concen: 44.60 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.00 min
Lab File: BF084062.D
Acq: 24 Dec 2015 4:45

Tgt Ion:165 Resp: 66103
Ion Ratio Lower Upper
165 100
63 50.8 28.8 43.2#
89 54.9 35.1 52.7#

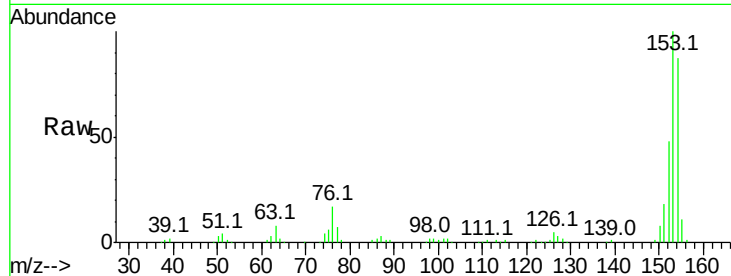




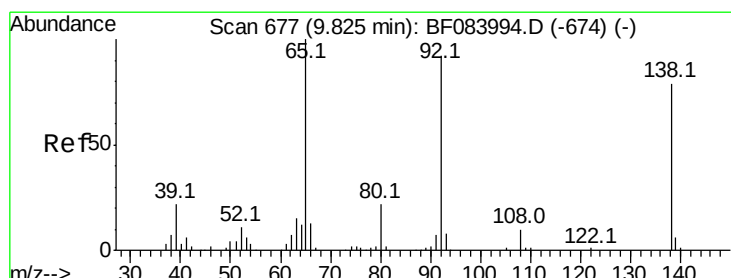
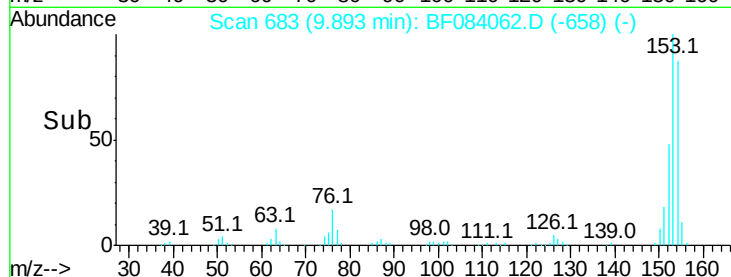
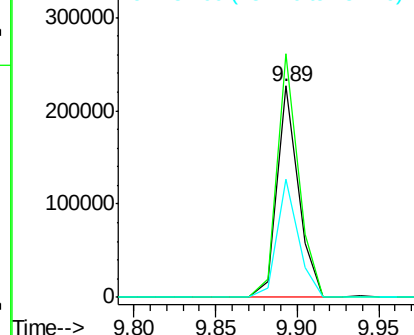
#51
Acenaphthene
Concen: 38.56 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF084062.D
Acq: 24 Dec 2015 4:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:154 Resp: 207358
Ion Ratio Lower Upper
154 100
153 115.3 91.5 137.3
152 55.7 43.0 64.6

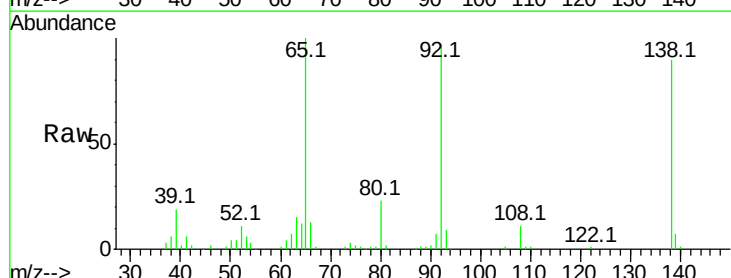


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

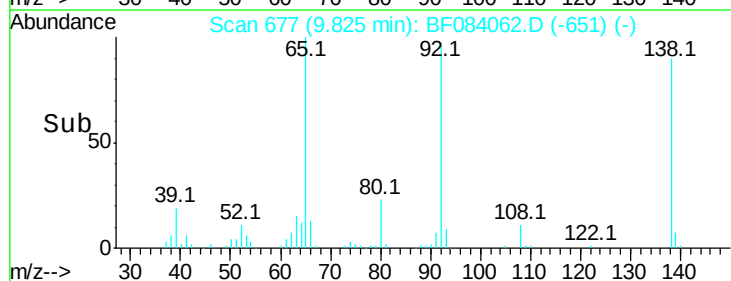
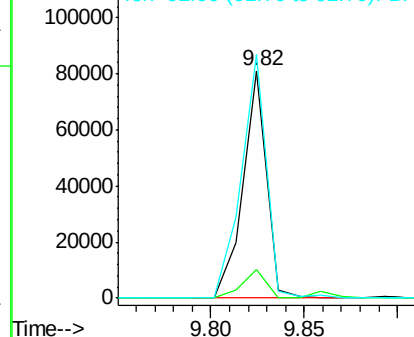


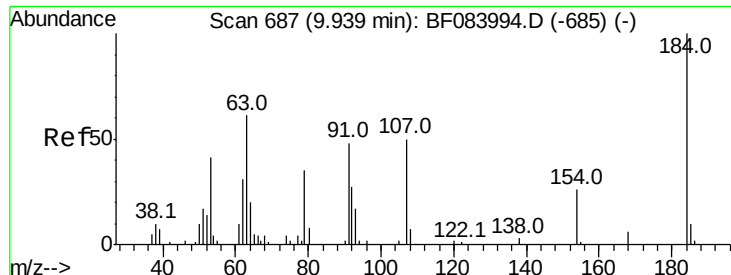
#52
3-Nitroaniline
Concen: 45.47 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF084062.D
Acq: 24 Dec 2015 4:45

Tgt Ion:138 Resp: 71571
Ion Ratio Lower Upper
138 100
108 12.3 10.5 15.7
92 107.0 103.9 155.9



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

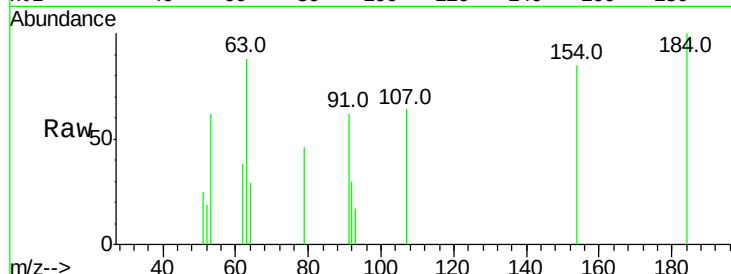




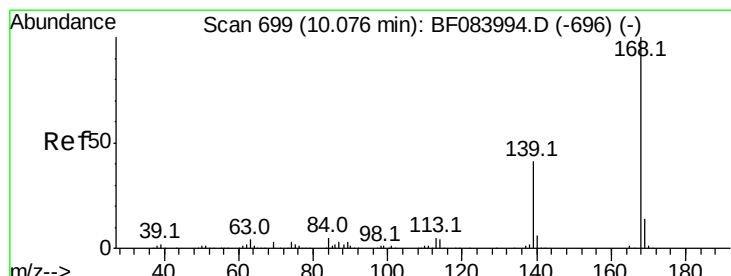
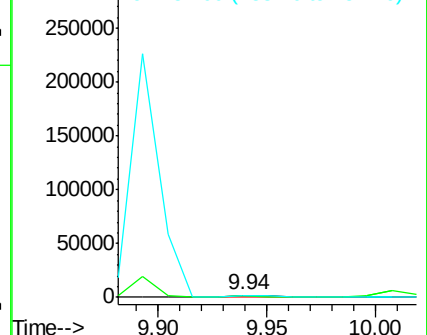
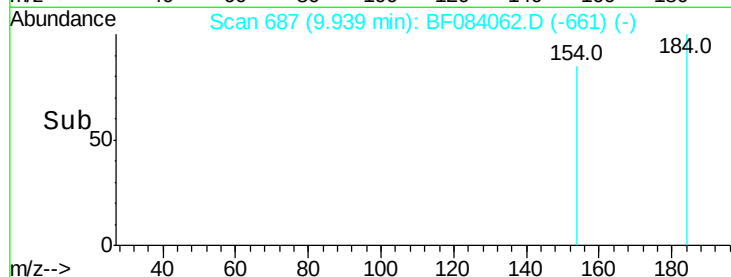
#53
 2,4-Dinitrophenol
 Concen: 11.98 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.00 min
 Lab File: BF084062.D
 Acq: 24 Dec 2015 4:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:184 Resp: 2798
 Ion Ratio Lower Upper
 184 100
 63 88.0 43.1 64.7#
 154 84.9 60.5 90.7

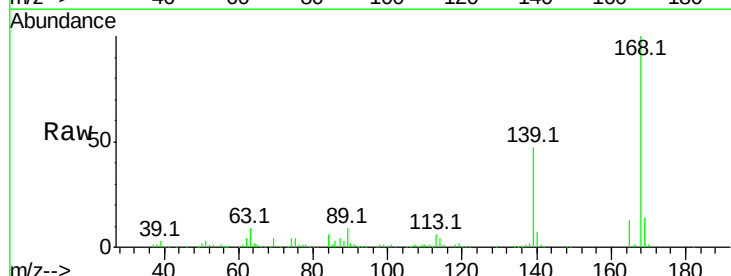


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

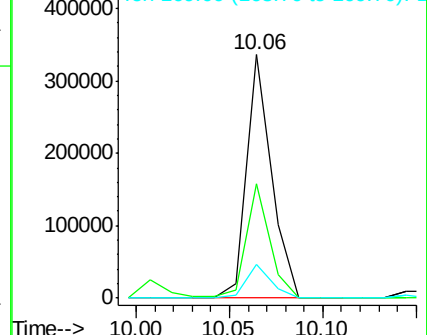
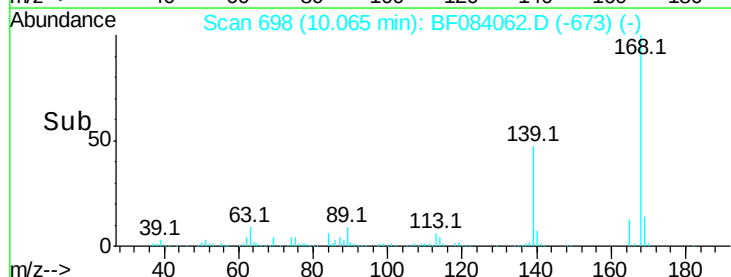


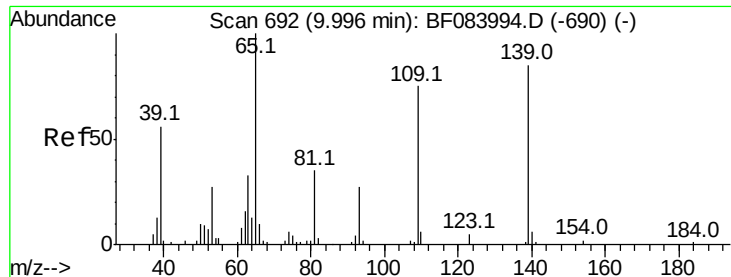
#54
 Dibenzofuran
 Concen: 39.00 ng
 RT: 10.06 min Scan# 698
 Delta R.T. -0.01 min
 Lab File: BF084062.D
 Acq: 24 Dec 2015 4:45

Tgt Ion:168 Resp: 313922
 Ion Ratio Lower Upper
 168 100
 139 46.8 30.5 45.7#
 169 13.7 10.4 15.6



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

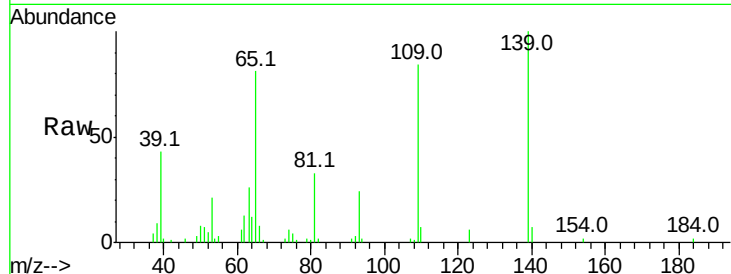




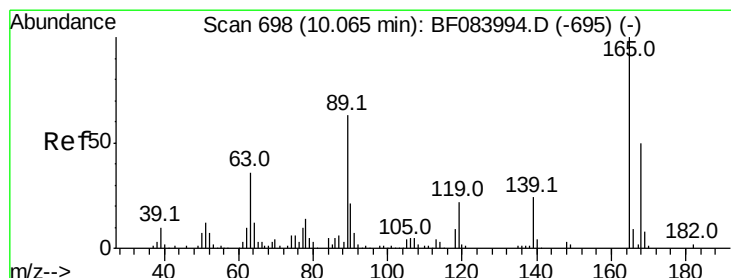
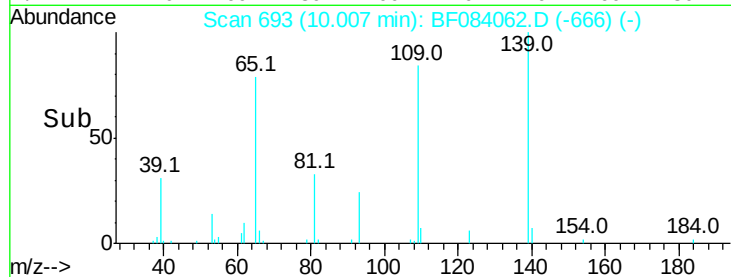
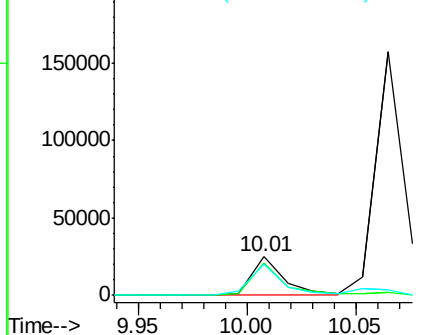
#55
4-Nitrophenol
Concen: 28.17 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF084062.D
Acq: 24 Dec 2015 4:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:139 Resp: 26056
Ion Ratio Lower Upper
139 100
109 83.7 58.5 98.5
65 80.8 57.6 97.6

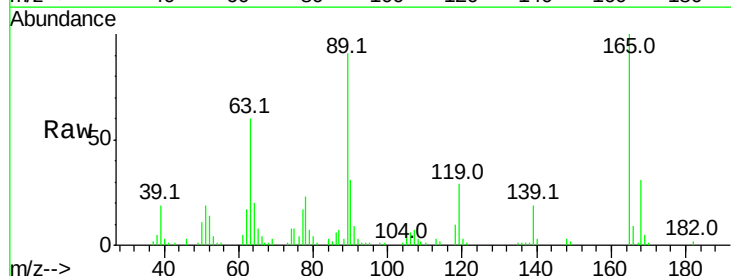


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

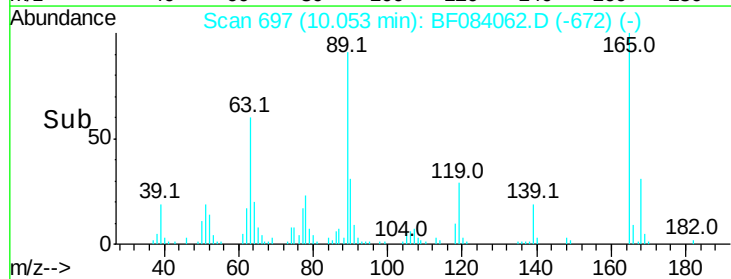
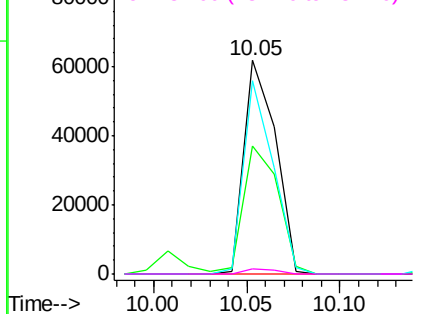


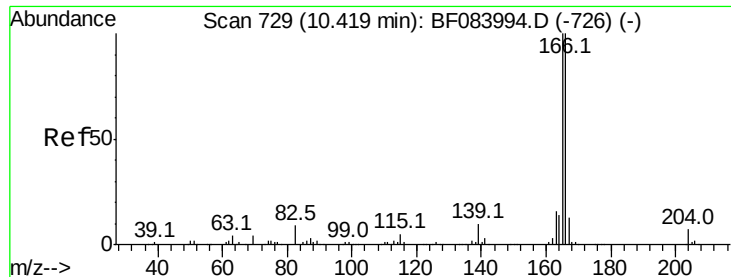
#56
2,4-Dinitrotoluene
Concen: 38.97 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.01 min
Lab File: BF084062.D
Acq: 24 Dec 2015 4:45

Tgt Ion:165 Resp: 72614
Ion Ratio Lower Upper
165 100
63 59.8 36.7 55.1#
89 90.6 61.9 92.9
182 2.4 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

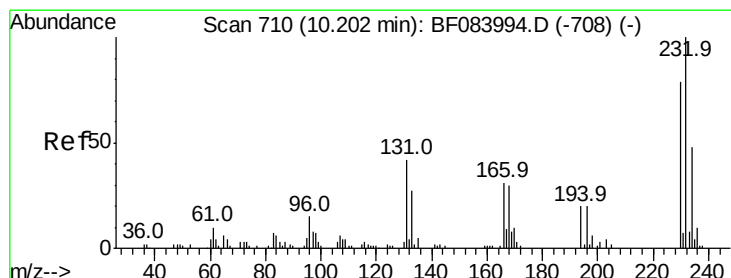
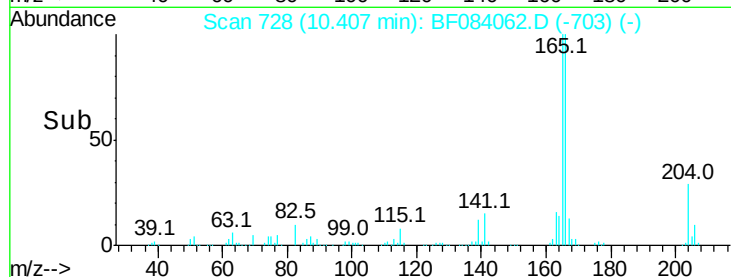
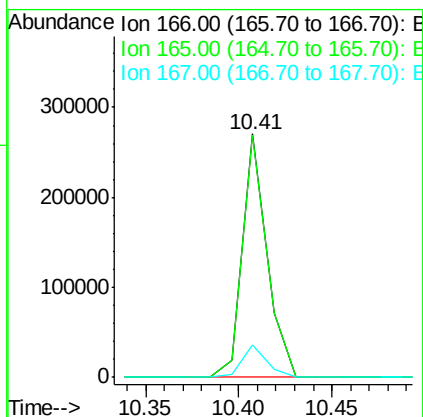
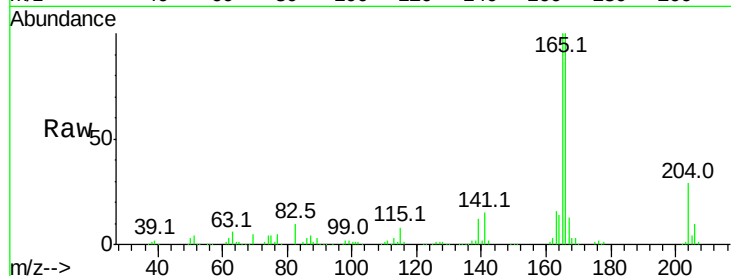




#57
 Fluorene
 Concen: 38.85 ng
 RT: 10.41 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: BF084062.D
 Acq: 24 Dec 2015 4:45

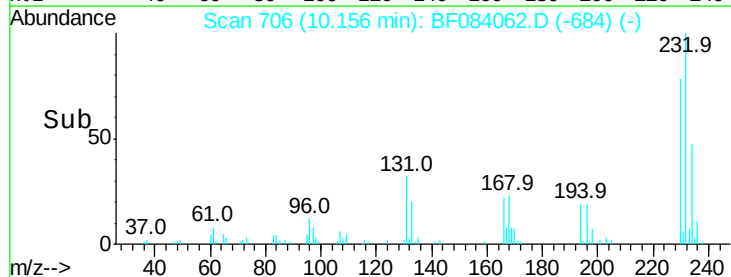
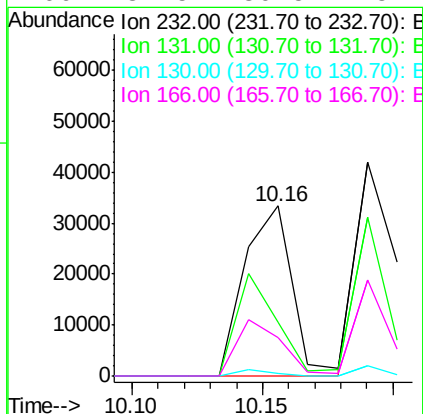
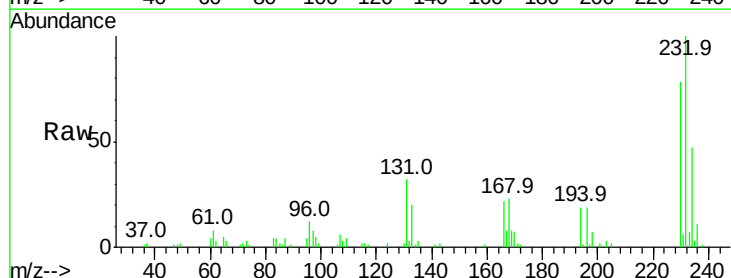
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

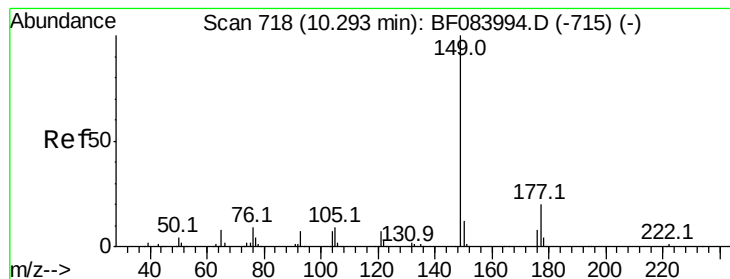
Tot Ion:166 Resp: 247784
 Ion Ratio Lower Upper
 166 100
 165 99.5 79.1 118.7
 167 13.5 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 32.31 ng
 RT: 10.16 min Scan# 706
 Delta R.T. -0.05 min
 Lab File: BF084062.D
 Acq: 24 Dec 2015 4:45

Tgt Ion:232 Resp: 43081
 Ion Ratio Lower Upper
 232 100
 131 50.7 47.0 70.6
 130 2.8 2.0 3.0
 166 31.5 30.5 45.7





#59

Diethylphthalate

Concen: 42.07 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF084062.D

Acq: 24 Dec 2015 4:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

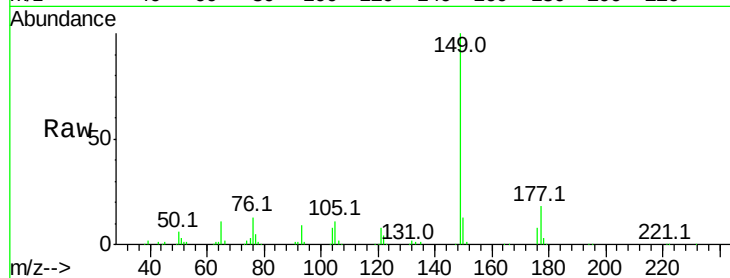
Tot Ion:149 Resp: 290352

Ion Ratio Lower Upper

149 100

177 18.2 17.3 25.9

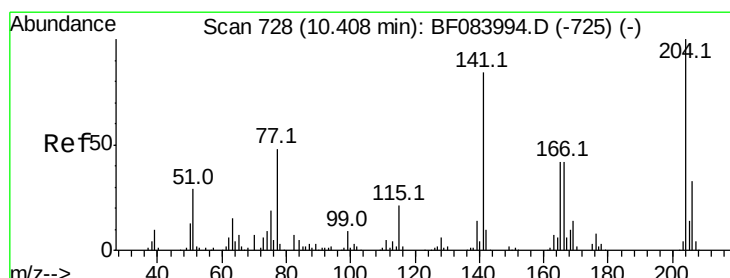
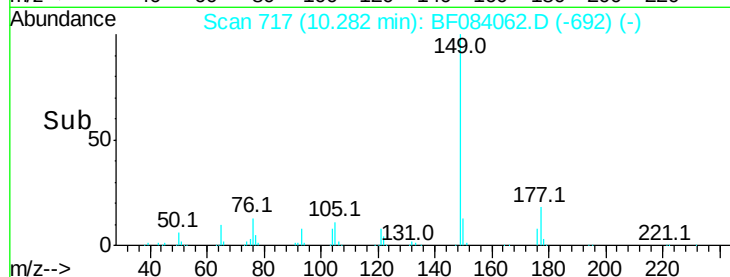
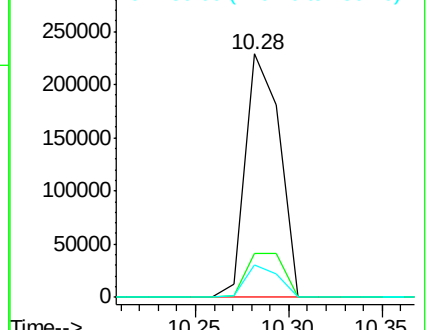
150 13.5 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.18 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF084062.D

Acq: 24 Dec 2015 4:45

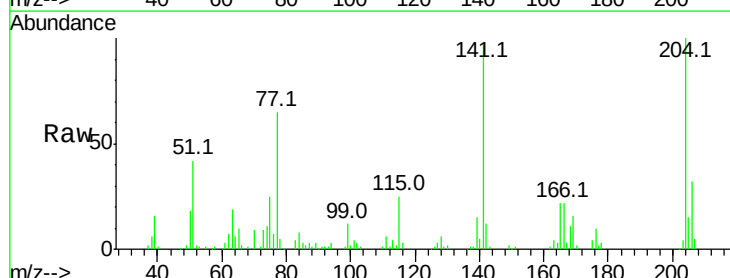
Tgt Ion:204 Resp: 114524

Ion Ratio Lower Upper

204 100

206 32.4 25.7 38.5

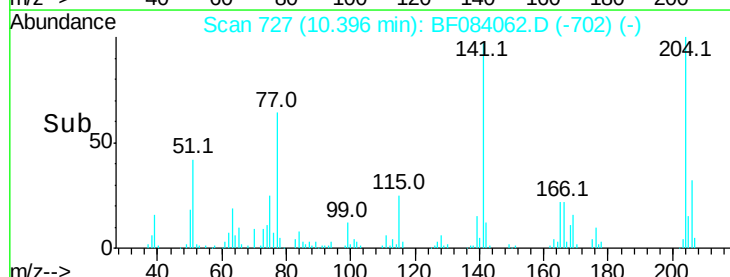
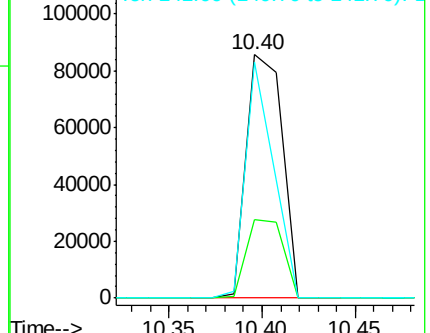
141 97.1 55.1 82.7#

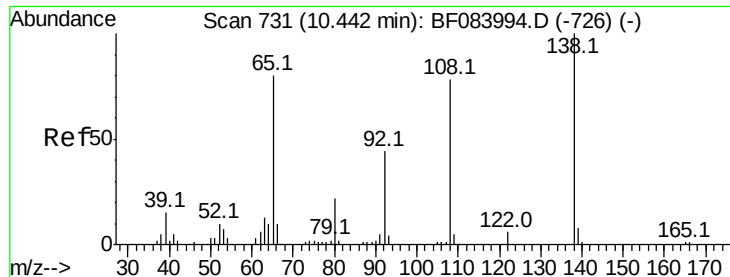


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

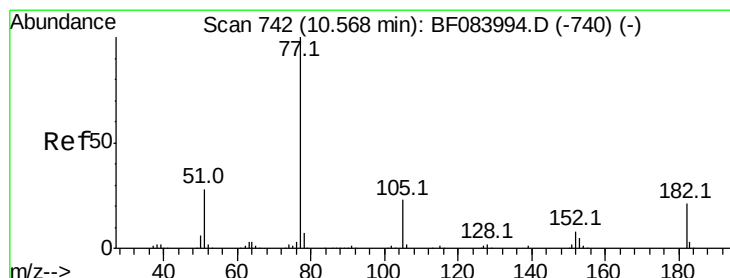
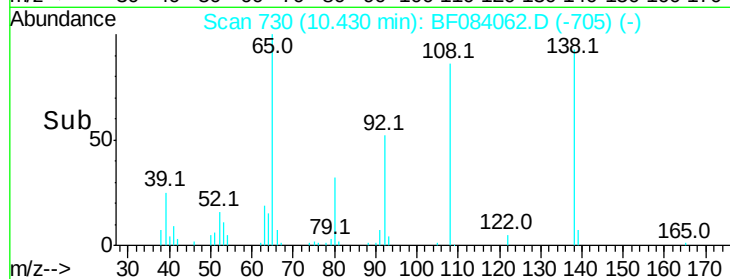
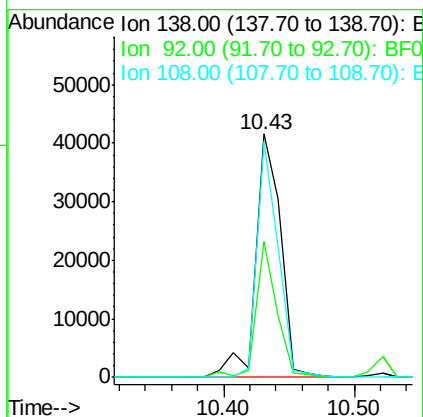
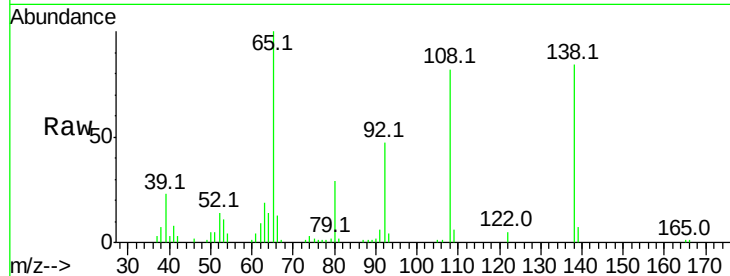




#61
4-Nitroaniline
Concen: 34.59 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF084062.D
Acq: 24 Dec 2015 4:45

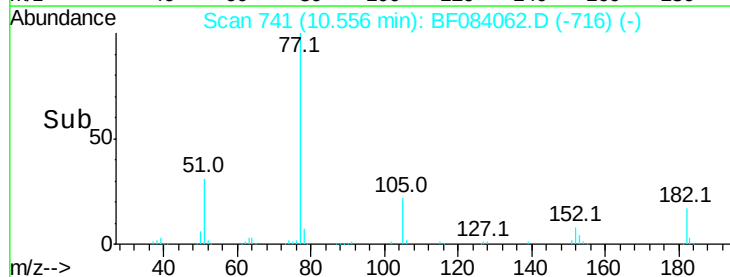
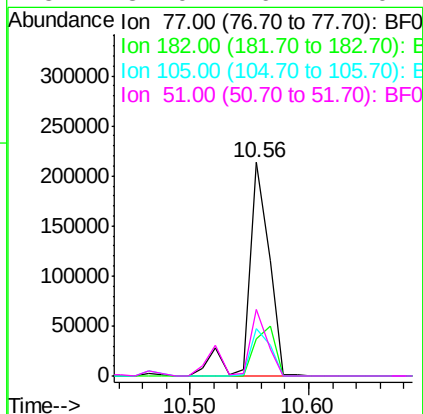
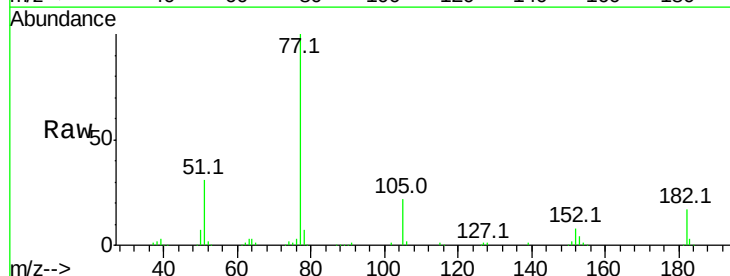
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

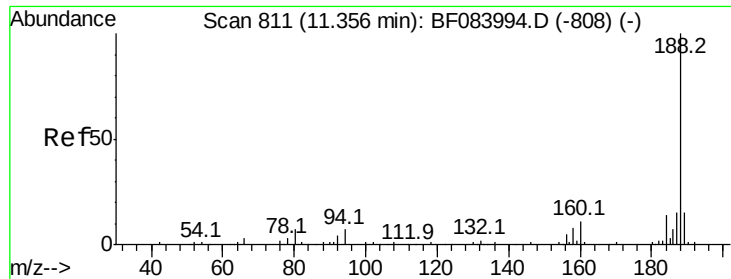
Tot Ion:138 Resp: 55714
Ion Ratio Lower Upper
138 100
92 55.9 32.6 72.6
108 97.1 68.6 108.6



#62
Azobenzene
Concen: 42.26 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF084062.D
Acq: 24 Dec 2015 4:45

Tgt Ion: 77 Resp: 257526
Ion Ratio Lower Upper
77 100
182 17.1 8.3 48.3
105 22.2 4.6 44.6
51 31.0 6.2 46.2

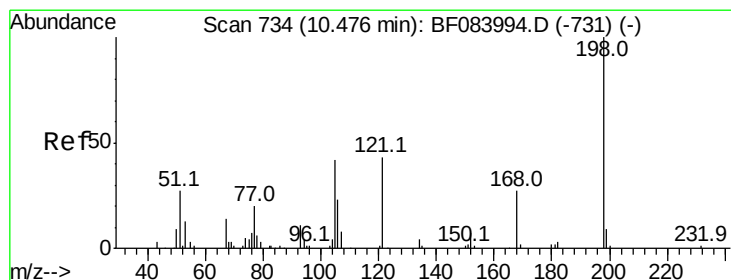
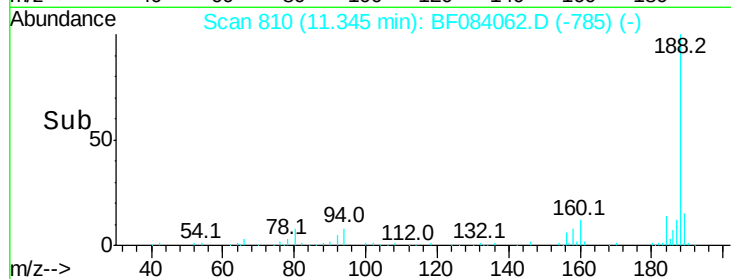
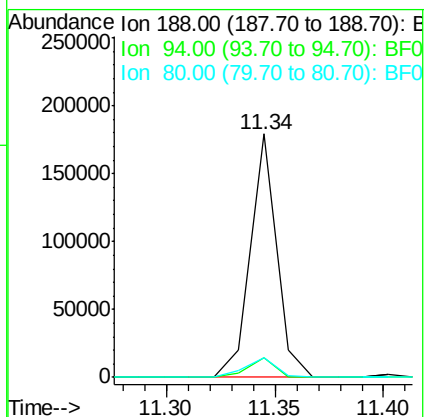
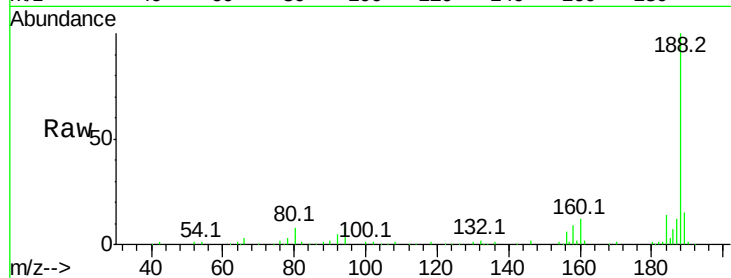




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF084062.D
Acq: 24 Dec 2015 4:45

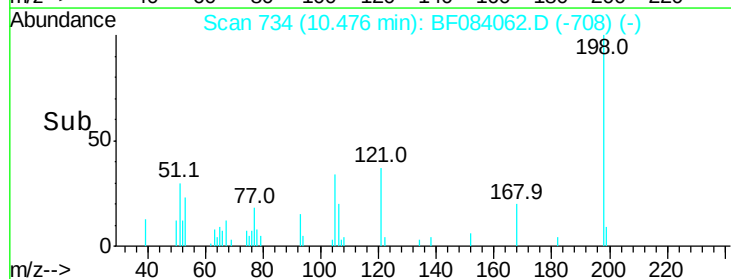
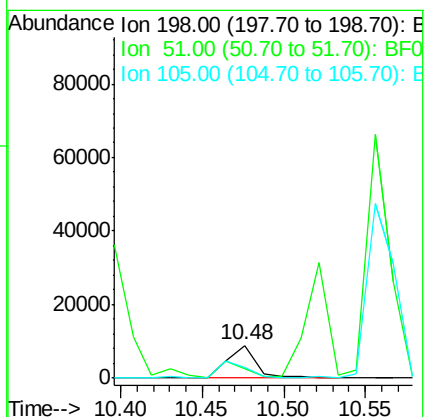
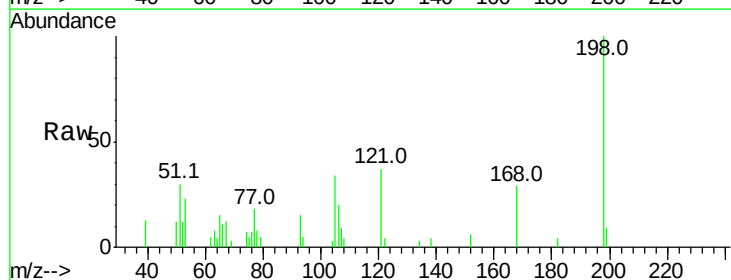
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

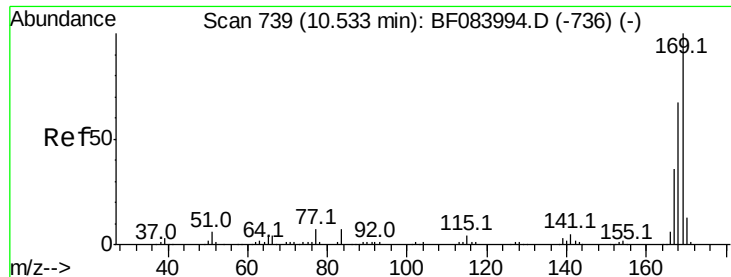
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.9	9.0	13.4#
80	8.3	9.6	14.4#



#64
4,6-Dinitro-2-methylphenol
Concen: 12.10 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF084062.D
Acq: 24 Dec 2015 4:45

Tgt Ion	Ratio	Lower	Upper
198	100		
51	29.5	18.9	58.9
105	34.5	26.4	66.4

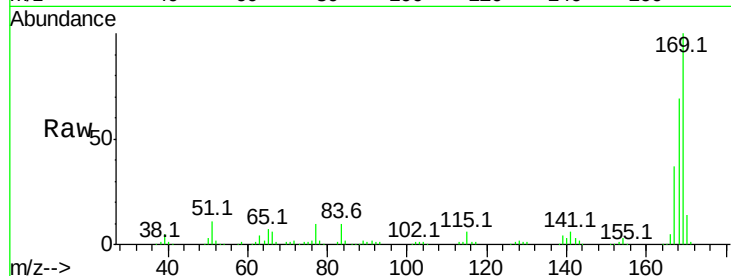




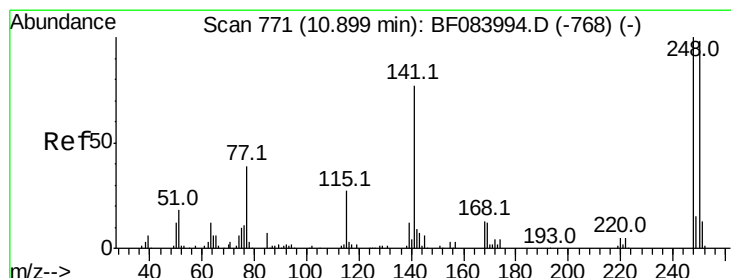
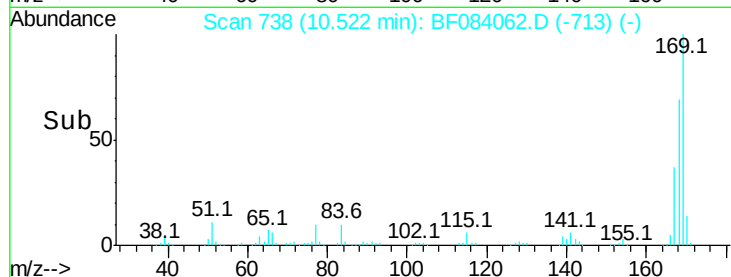
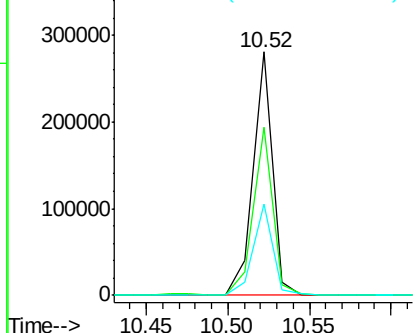
#65
 n-Nitrosodiphenylamine
 Concen: 41.70 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.01 min
 Lab File: BF084062.D
 Acq: 24 Dec 2015 4:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:169 Resp: 232328
 Ion Ratio Lower Upper
 169 100
 168 69.0 55.1 82.7
 167 37.4 30.0 45.0

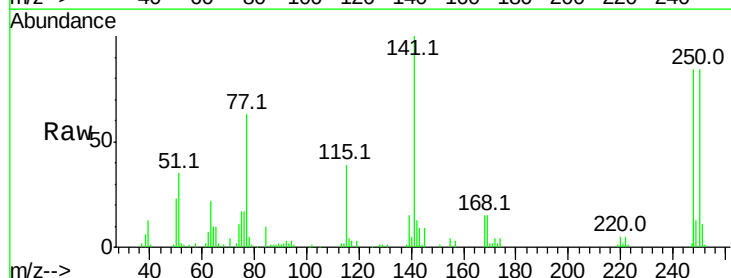


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

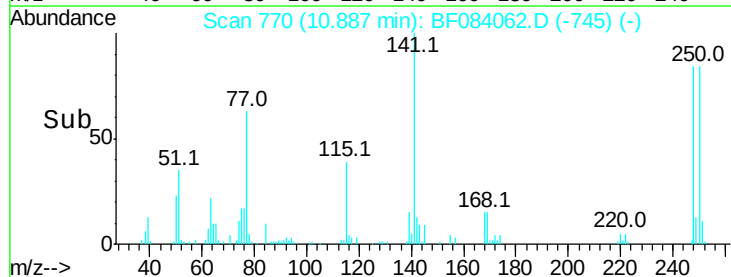
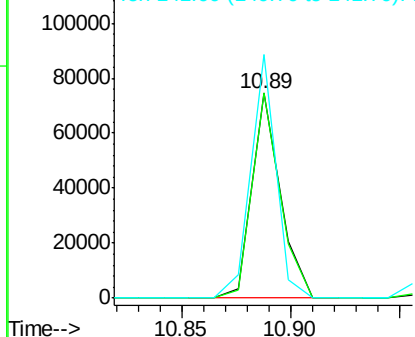


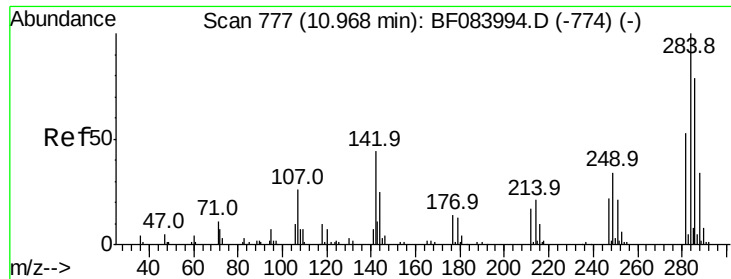
#66
 4-Bromophenyl-phenylether
 Concen: 39.09 ng
 RT: 10.89 min Scan# 770
 Delta R.T. -0.01 min
 Lab File: BF084062.D
 Acq: 24 Dec 2015 4:45

Tgt Ion:248 Resp: 67612
 Ion Ratio Lower Upper
 248 100
 250 99.8 78.4 117.6
 141 118.7 44.0 66.0#



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

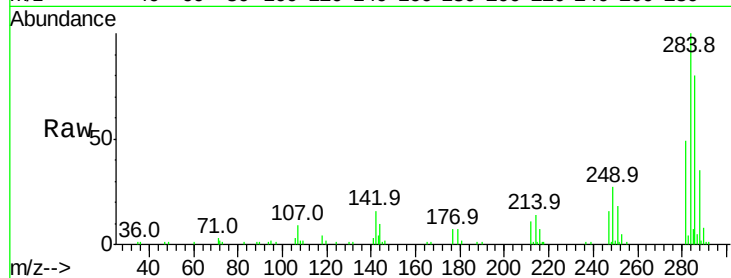




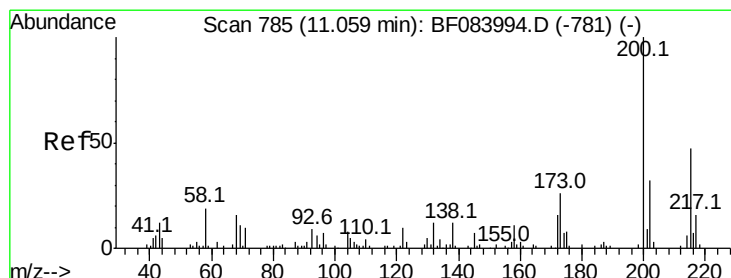
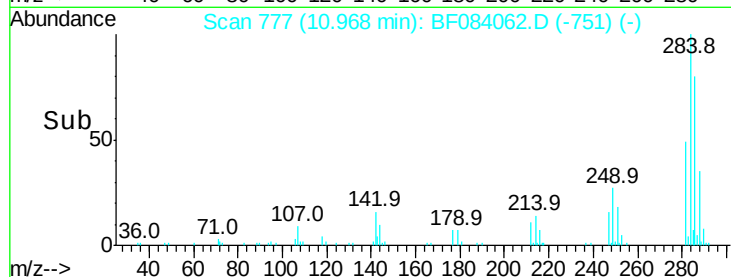
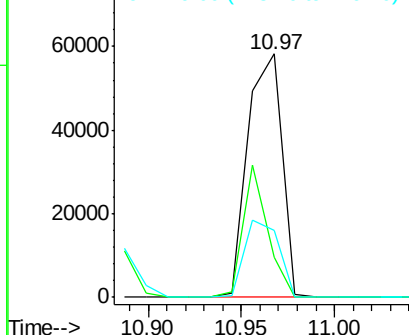
#67
Hexachlorobenzene
Concen: 39.67 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF084062.D
Acq: 24 Dec 2015 4:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:284 Resp: 74906
Ion Ratio Lower Upper
284 100
142 16.4 22.2 33.4#
249 27.3 24.6 37.0

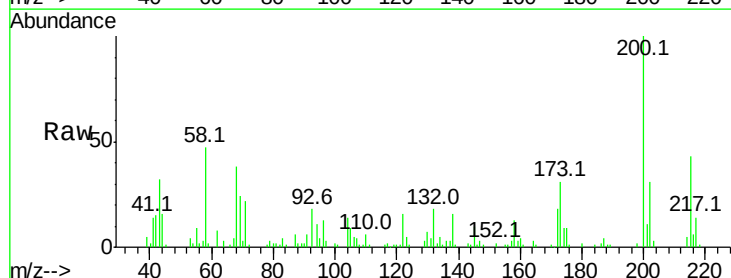


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

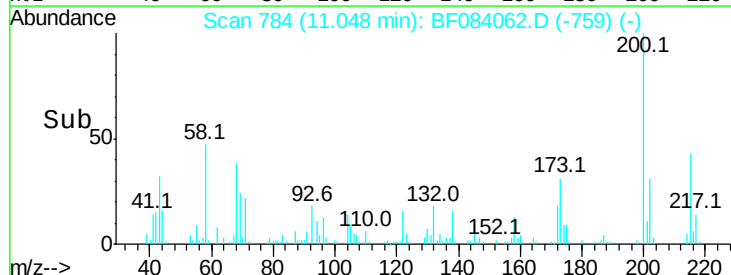
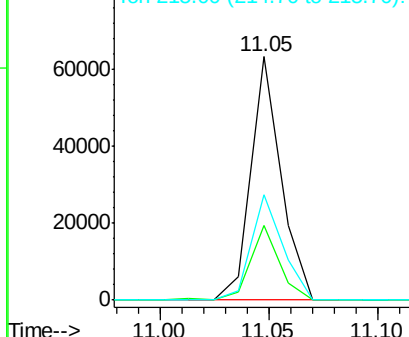


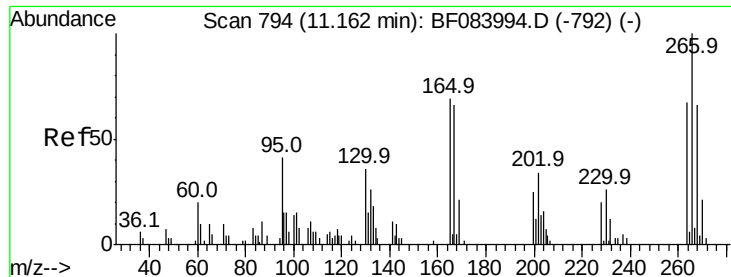
#68
Atrazine
Concen: 36.26 ng
RT: 11.05 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF084062.D
Acq: 24 Dec 2015 4:45

Tgt Ion:200 Resp: 61074
Ion Ratio Lower Upper
200 100
173 30.7 9.5 49.5
215 43.4 23.8 63.8



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

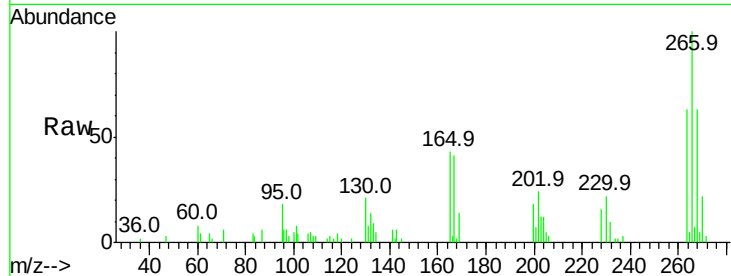




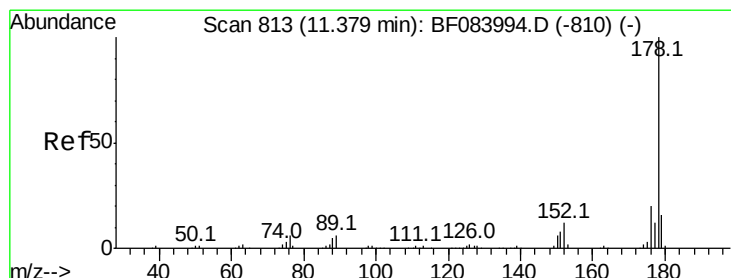
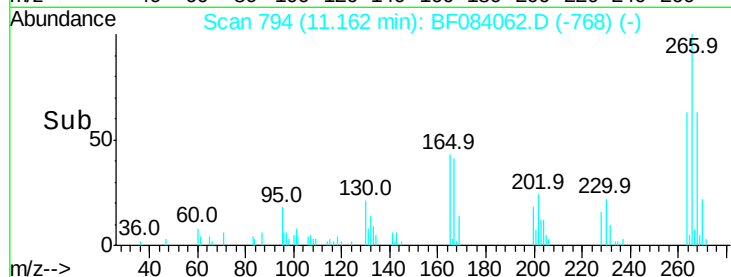
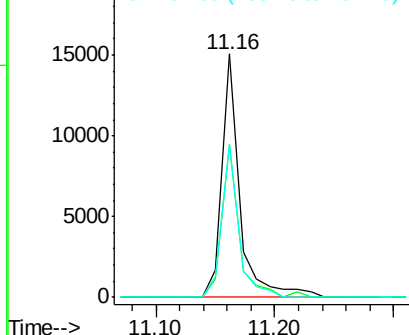
#69
 Pentachlorophenol
 Concen: 27.40 ng
 RT: 11.16 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BF084062.D
 Acq: 24 Dec 2015 4:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 15488
 Ion Ratio Lower Upper
 266 100
 268 62.7 52.4 78.6
 264 62.8 50.2 75.2

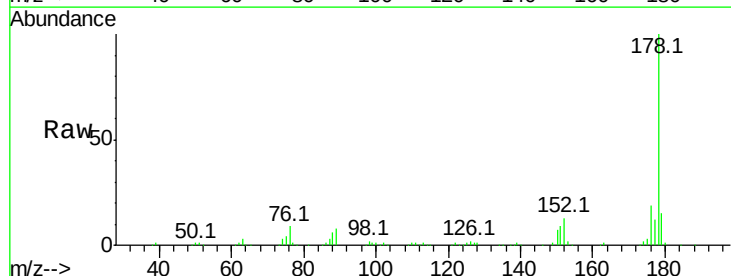


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

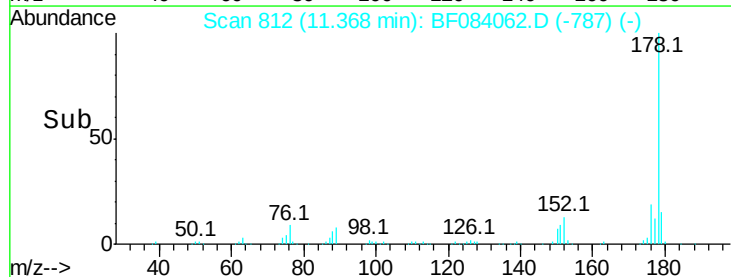
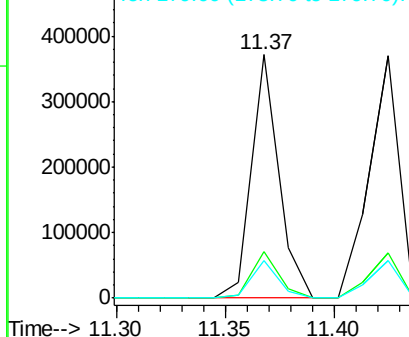


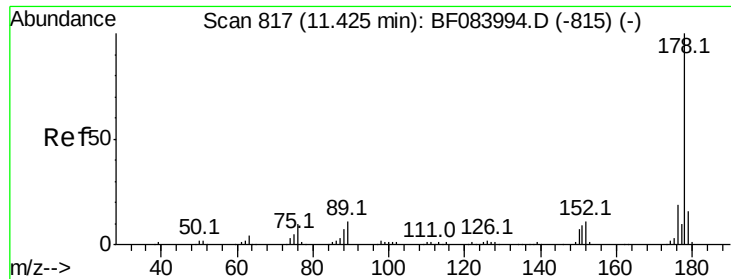
#70
 Phenanthrene
 Concen: 38.20 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF084062.D
 Acq: 24 Dec 2015 4:45

Tgt Ion:178 Resp: 325740
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.3 22.9
 179 15.4 12.0 18.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

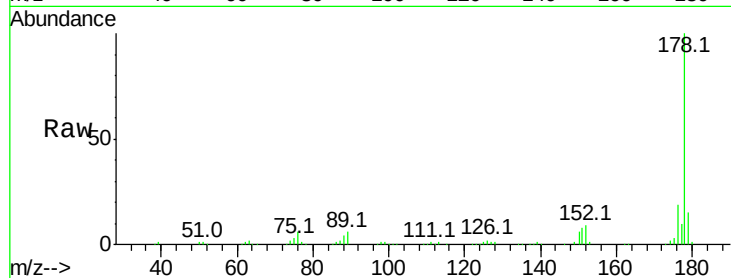




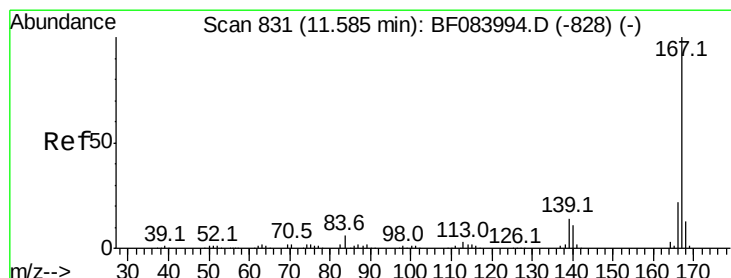
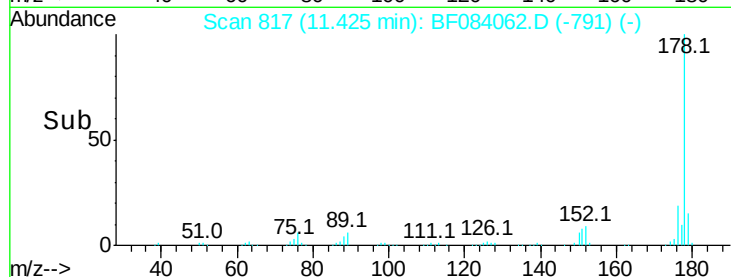
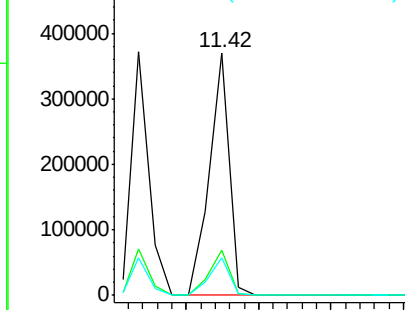
#71
 Anthracene
 Concen: 40.67 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BF084062.D
 Acq: 24 Dec 2015 4:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 352184
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.4 23.0
 179 15.3 12.5 18.7

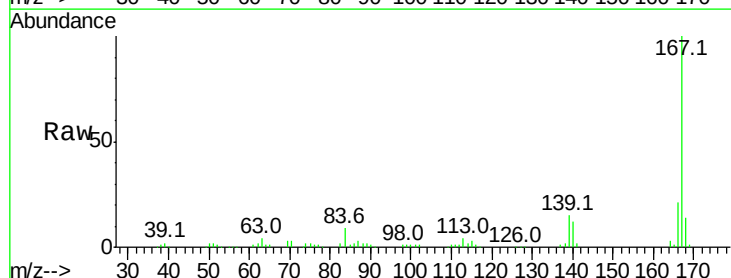


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

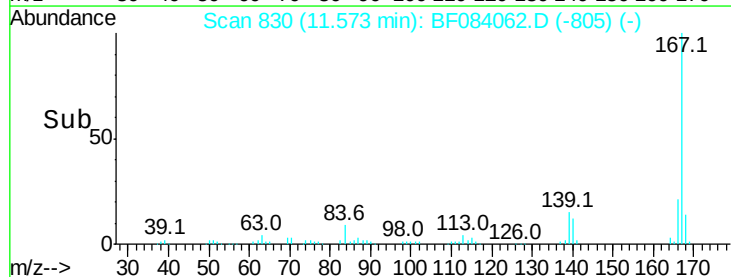
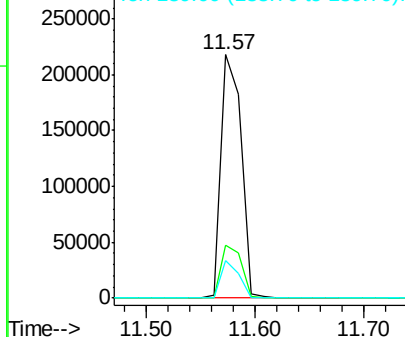


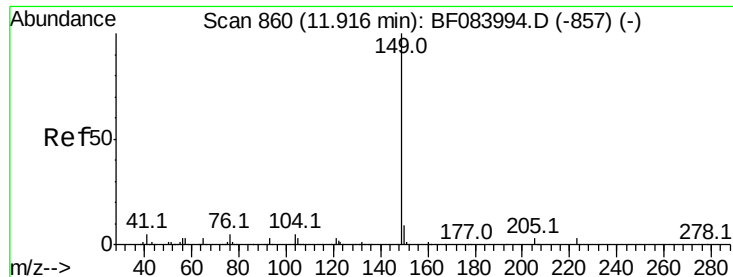
#72
 Carbazole
 Concen: 34.77 ng
 RT: 11.57 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF084062.D
 Acq: 24 Dec 2015 4:45

Tgt Ion:167 Resp: 281491
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.6 26.4
 139 15.5 11.8 17.8



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.62 ng

RT: 11.90 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF084062.D

Acq: 24 Dec 2015 4:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

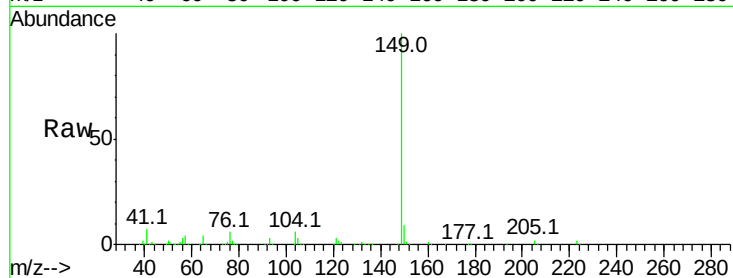
Tot Ion:149 Resp: 408376

Ion Ratio Lower Upper

149 100

150 9.4 7.1 10.7

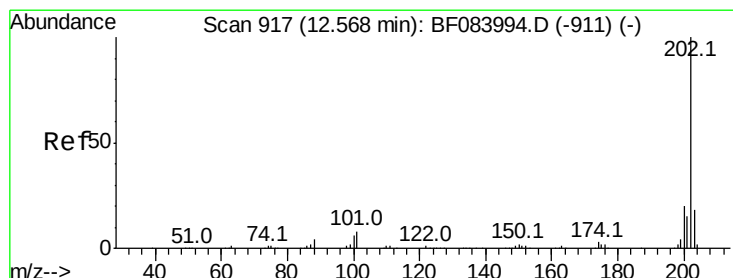
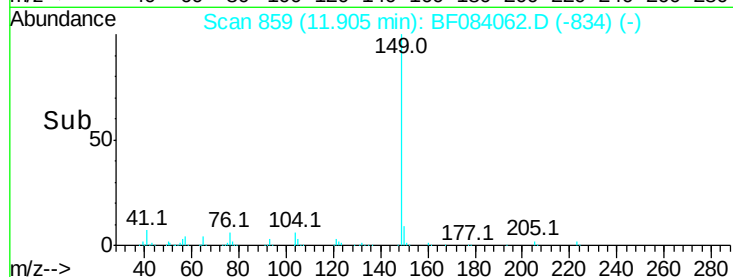
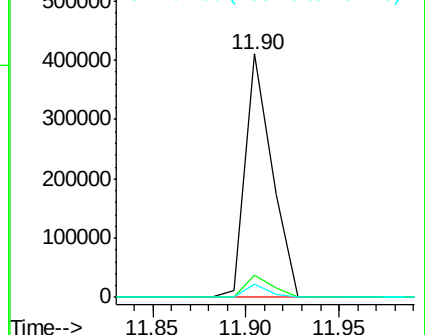
104 5.7 3.2 4.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 34.83 ng

RT: 12.56 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF084062.D

Acq: 24 Dec 2015 4:45

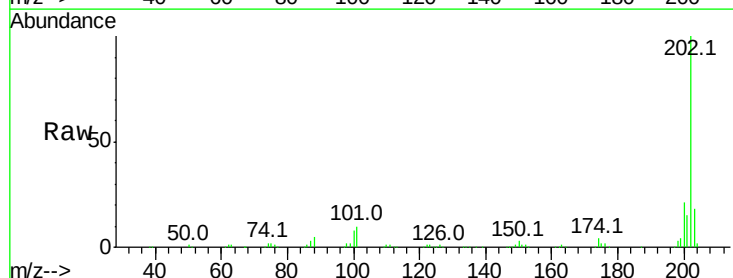
Tgt Ion:202 Resp: 294526

Ion Ratio Lower Upper

202 100

101 10.3 0.0 32.8

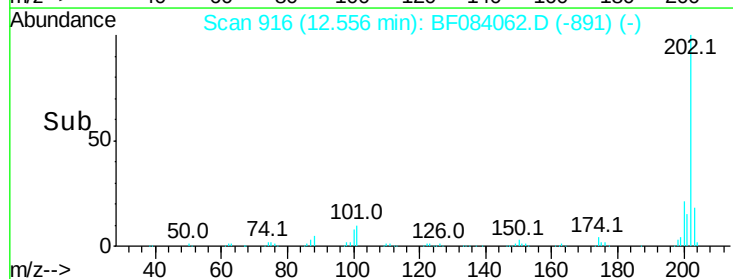
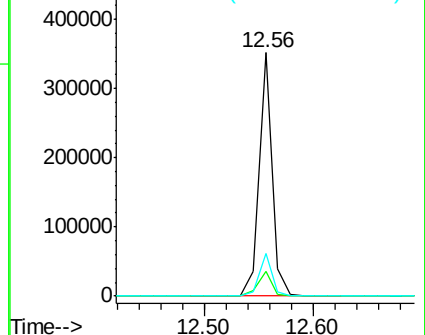
203 17.6 0.0 37.9

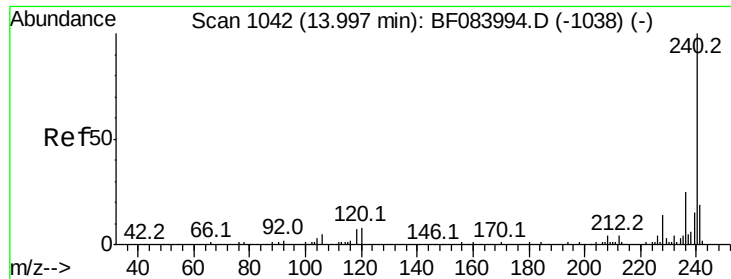


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

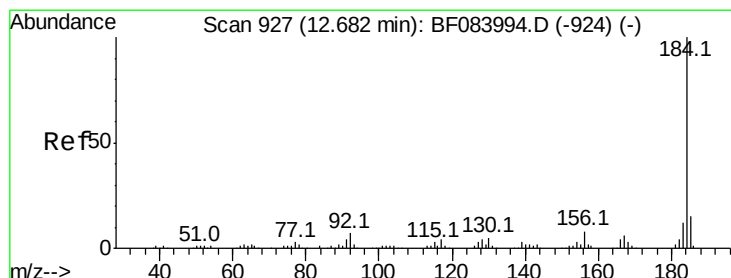
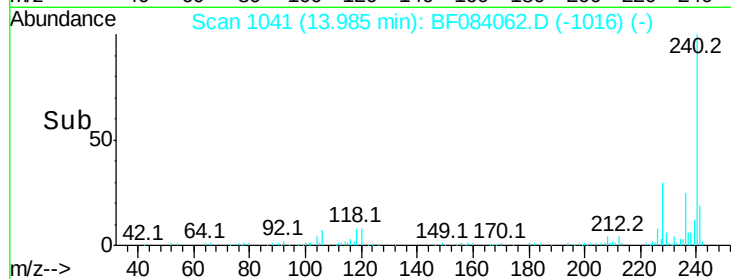
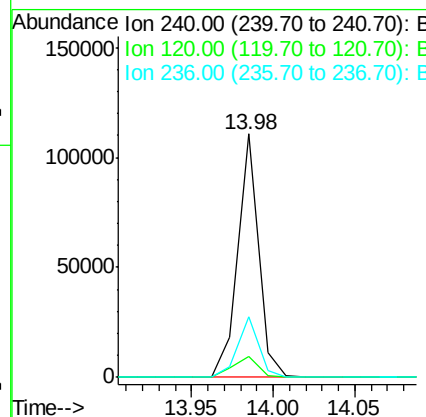
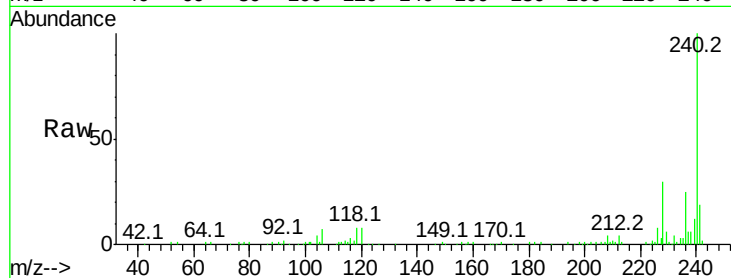




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.98 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF084062.D
 Acq: 24 Dec 2015 4:45

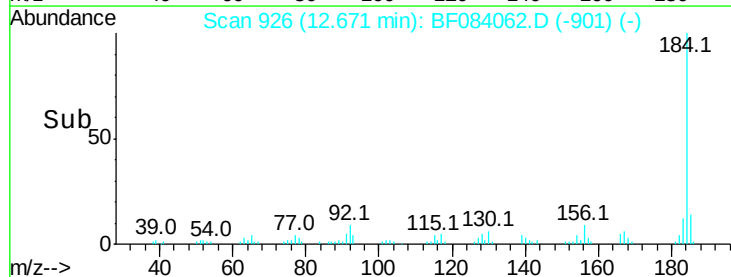
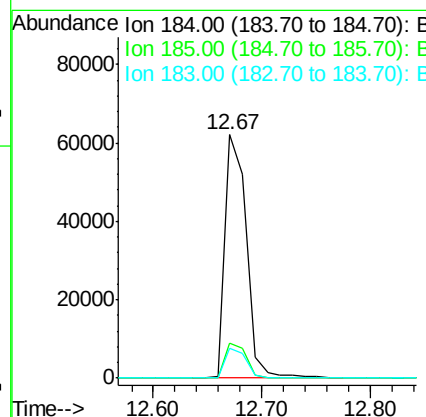
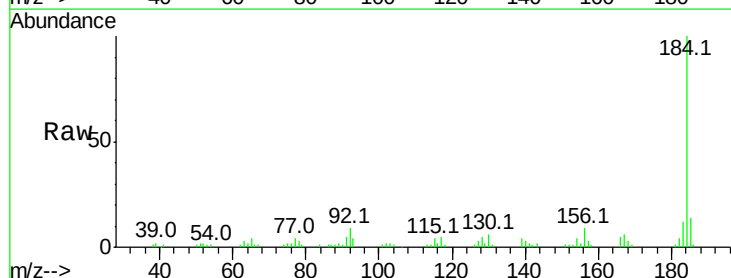
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

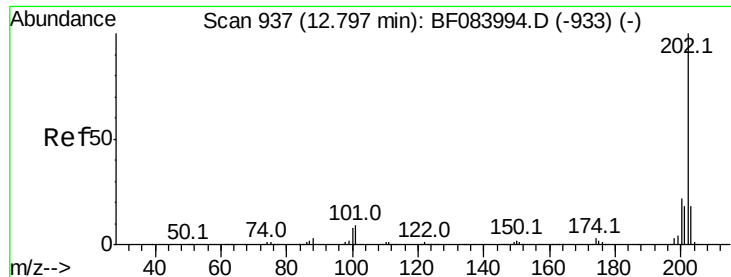
Tot Ion:240 Resp: 97204
 Ion Ratio Lower Upper
 240 100
 120 8.5 9.5 14.3#
 236 24.8 20.6 31.0



#76
 Benzidine
 Concen: 24.52 ng
 RT: 12.67 min Scan# 926
 Delta R.T. -0.01 min
 Lab File: BF084062.D
 Acq: 24 Dec 2015 4:45

Tgt Ion:184 Resp: 85017
 Ion Ratio Lower Upper
 184 100
 185 14.4 12.2 18.2
 183 12.5 9.8 14.8

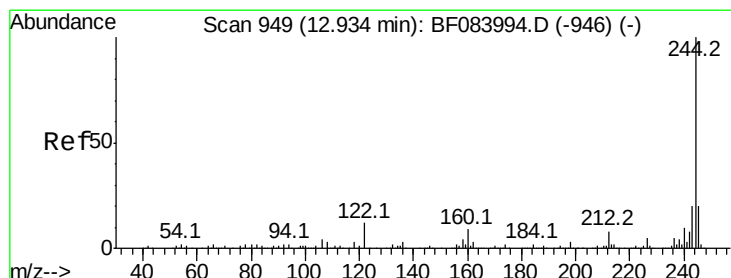
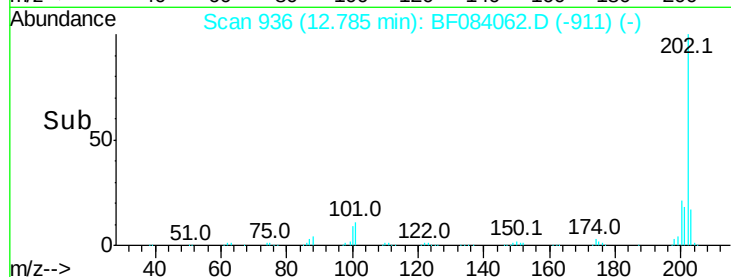
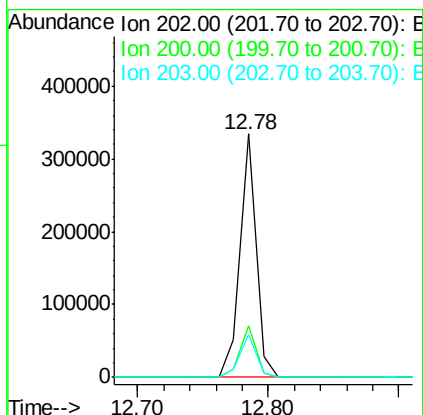
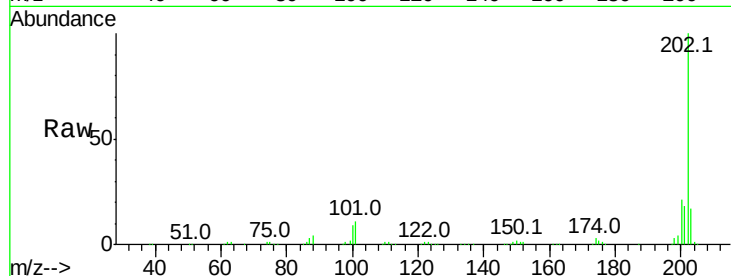




#77
 Pvrene
 Concen: 43.44 ng
 RT: 12.78 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BF084062.D
 Acq: 24 Dec 2015 4:45

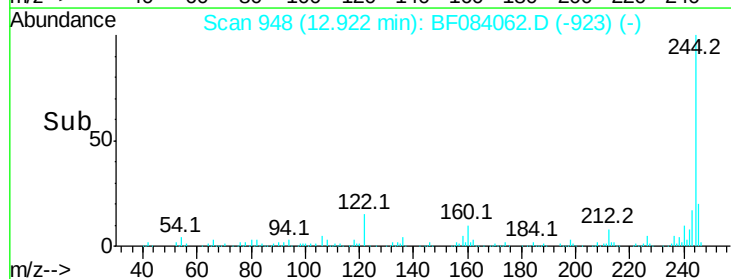
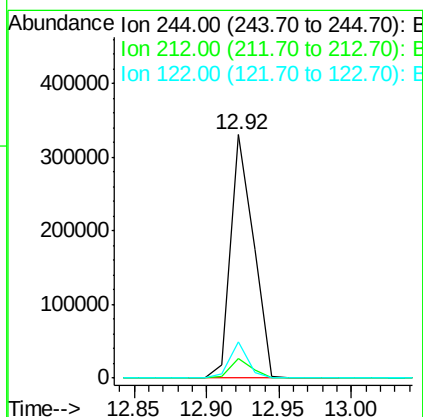
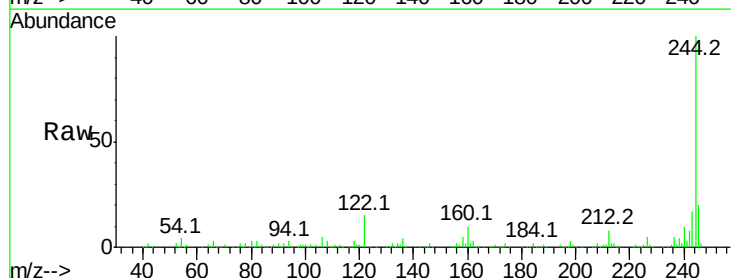
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

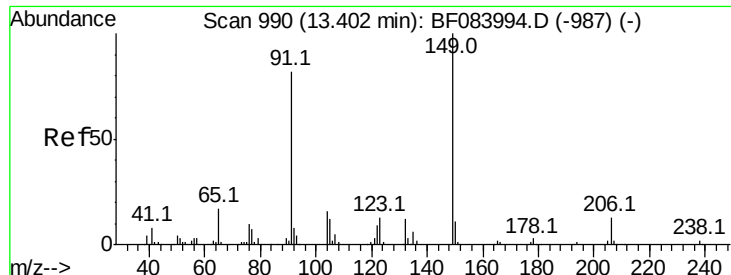
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.2	25.8
203	17.4	14.3	21.5



#78
 Terphenyl-d14
 Concen: 88.70 ng
 RT: 12.92 min Scan# 948
 Delta R.T. -0.01 min
 Lab File: BF084062.D
 Acq: 24 Dec 2015 4:45

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.7	8.5
122	14.8	7.4	11.0

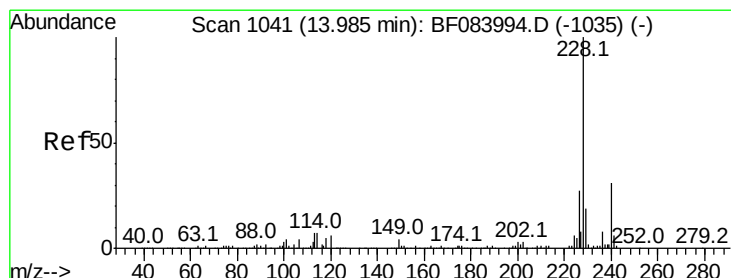
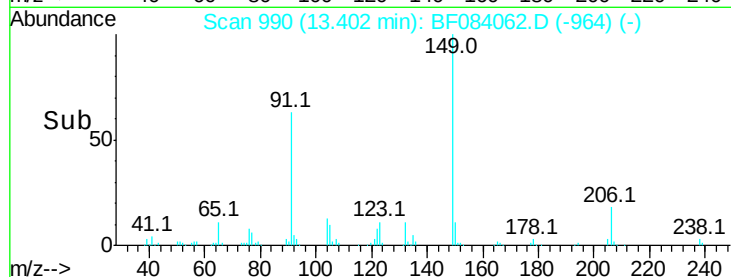
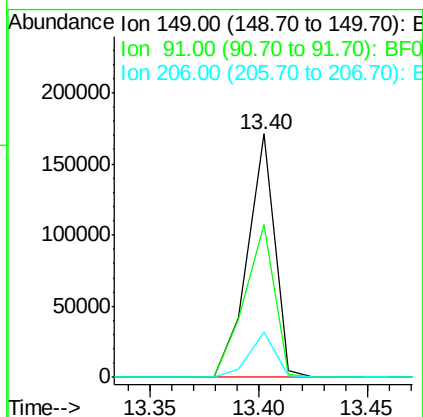
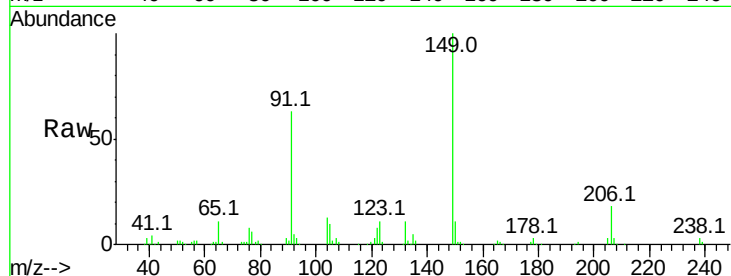




#79
Butylbenzylphthalate
Concen: 49.18 ng
RT: 13.40 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF084062.D
Acq: 24 Dec 2015 4:45

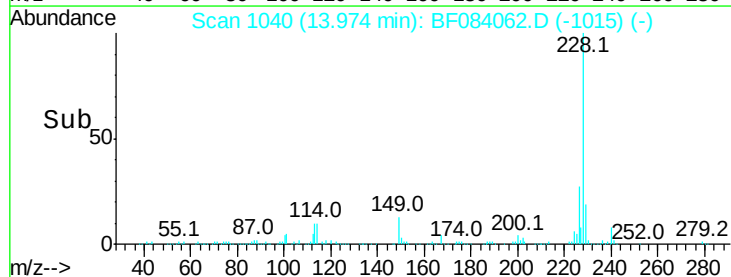
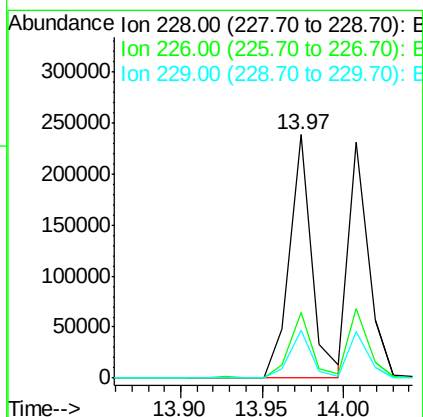
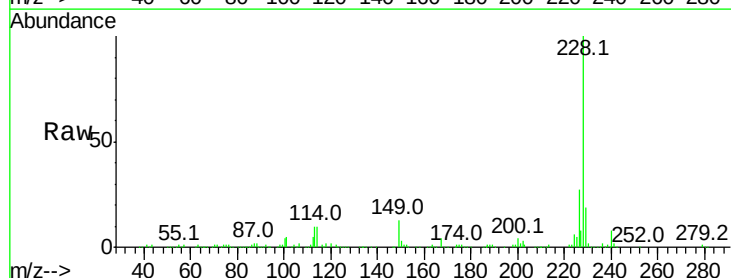
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

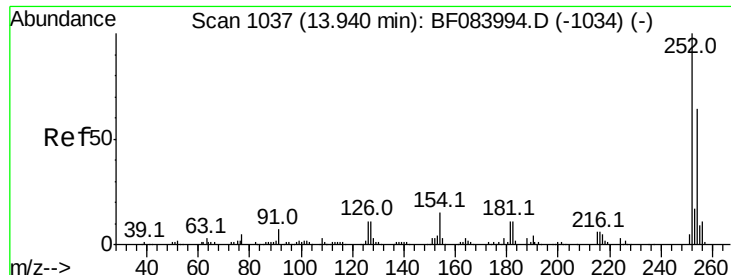
Tot Ion:149 Resp: 149178
Ion Ratio Lower Upper
149 100
91 62.7 57.6 86.4
206 18.4 13.2 19.8



#80
Benzo(a)anthracene
Concen: 40.66 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF084062.D
Acq: 24 Dec 2015 4:45

Tgt Ion:228 Resp: 227898
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.6
229 19.5 15.8 23.8

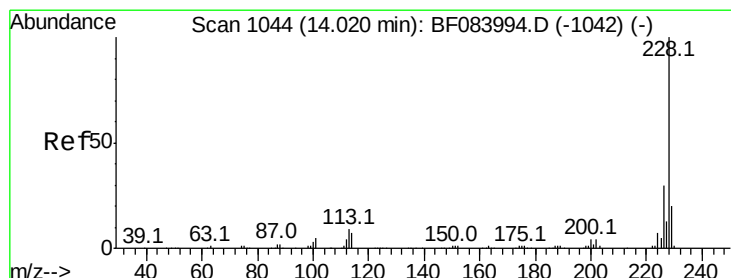
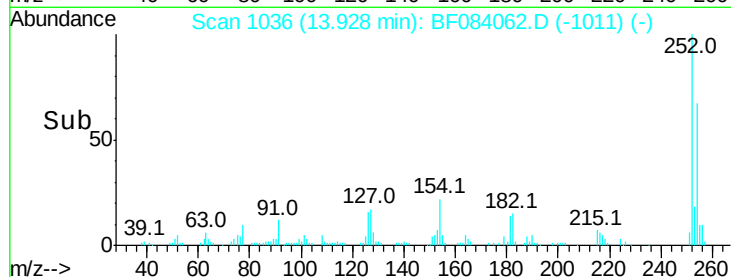
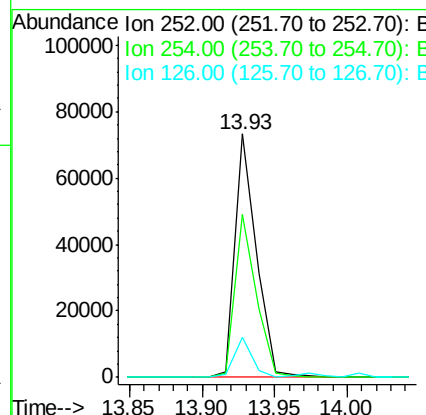
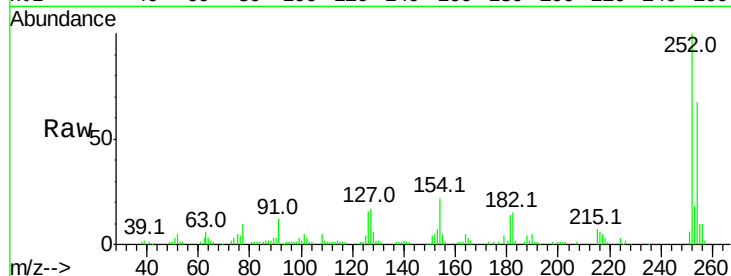




#81
 3,3'-Dichlorobenzidine
 Concen: 35.58 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BF084062.D
 Acq: 24 Dec 2015 4:45

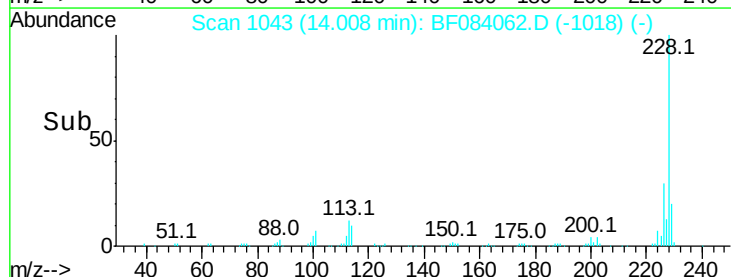
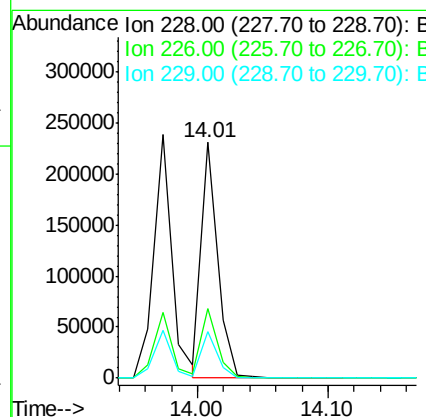
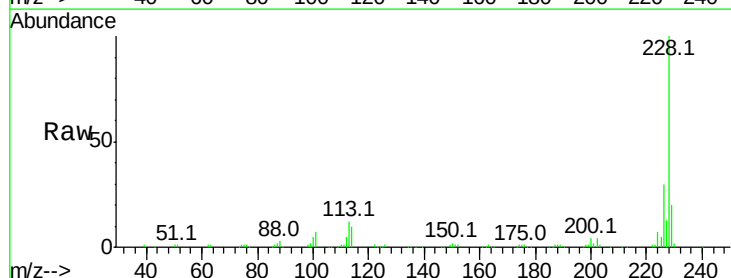
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

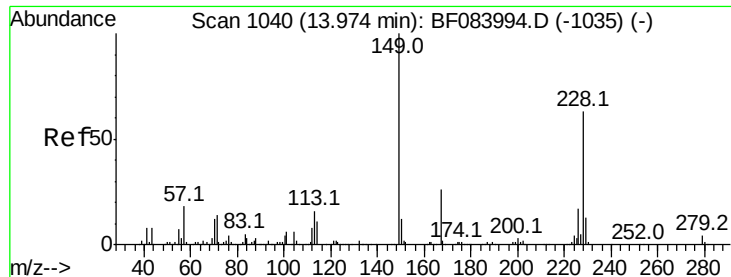
Tot Ion:252 Resp: 74990
 Ion Ratio Lower Upper
 252 100
 254 66.9 53.5 80.3
 126 16.2 4.9 7.3#



#82
 Chrysene
 Concen: 38.71 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF084062.D
 Acq: 24 Dec 2015 4:45

Tgt Ion:228 Resp: 201439
 Ion Ratio Lower Upper
 228 100
 226 29.6 24.3 36.5
 229 19.9 16.1 24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.71 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF084062.D

Acq: 24 Dec 2015 4:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

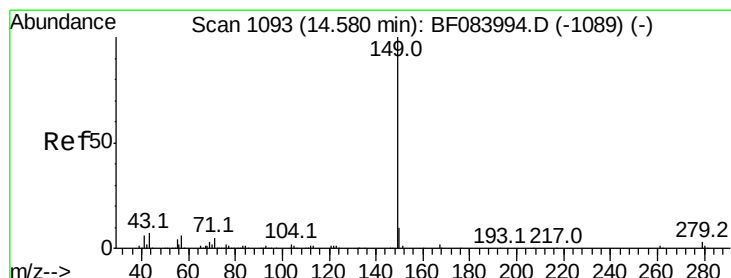
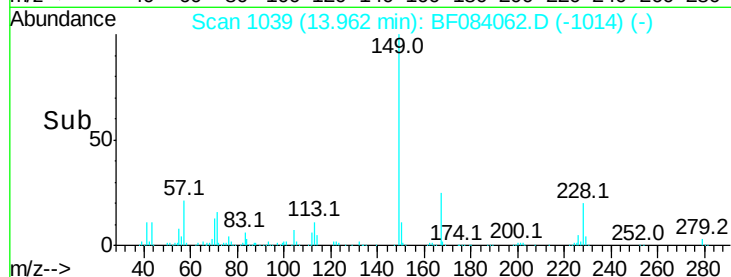
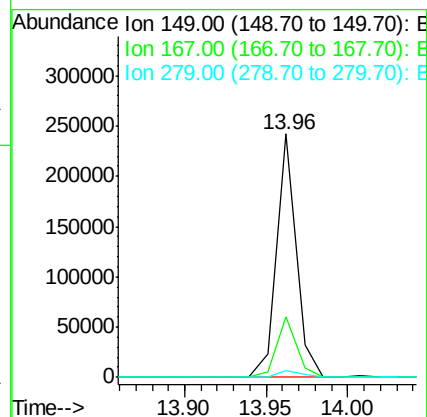
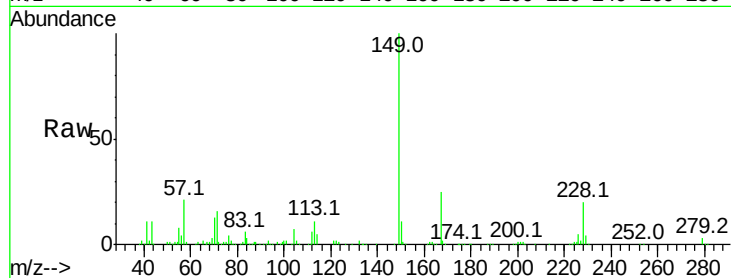
Tot Ion:149 Resp: 204884

Ion Ratio Lower Upper

149 100

167 25.0 19.7 29.5

279 2.6 1.8 2.6



#84

Di-n-octyl phthalate

Concen: 45.64 ng

RT: 14.57 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BF084062.D

Acq: 24 Dec 2015 4:45

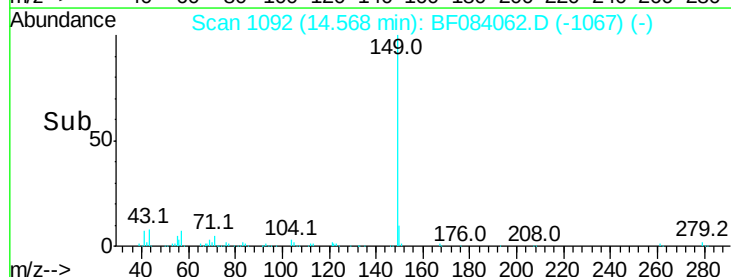
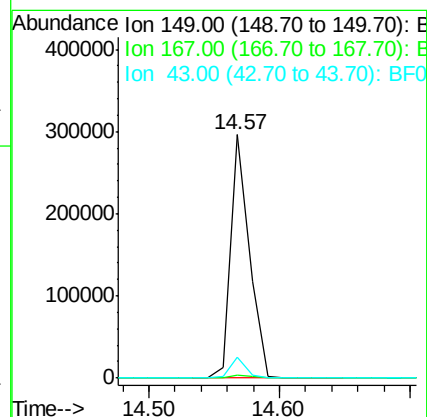
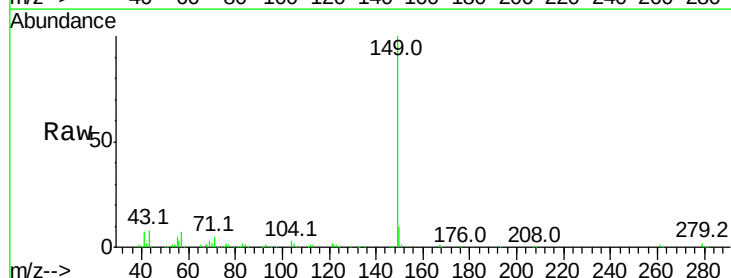
Tgt Ion:149 Resp: 295189

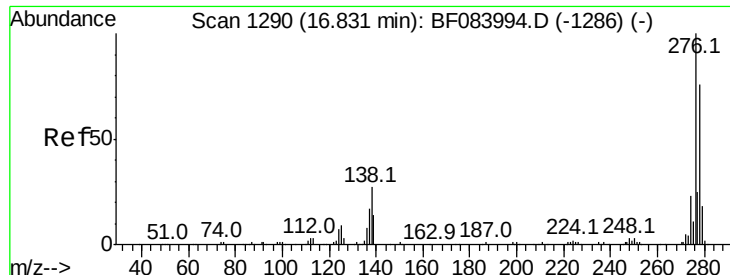
Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

43 7.7 5.6 8.4

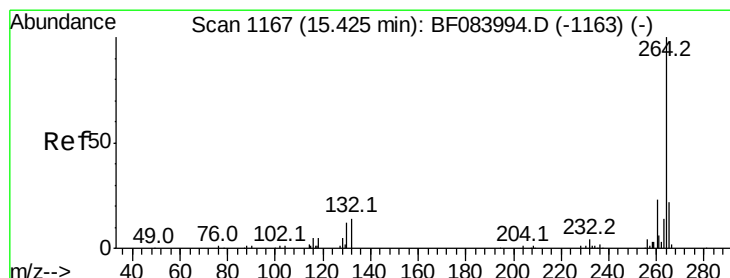
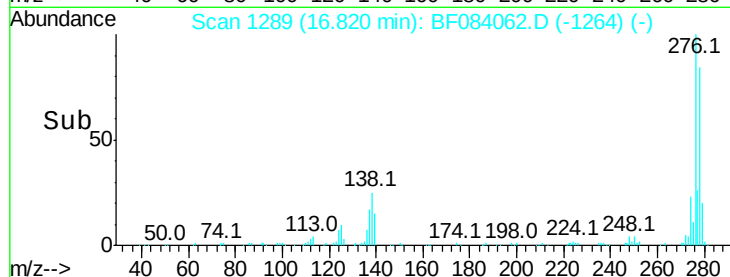
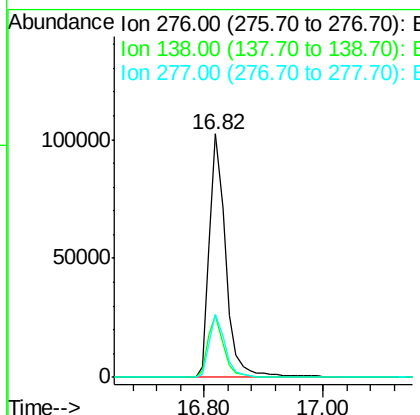
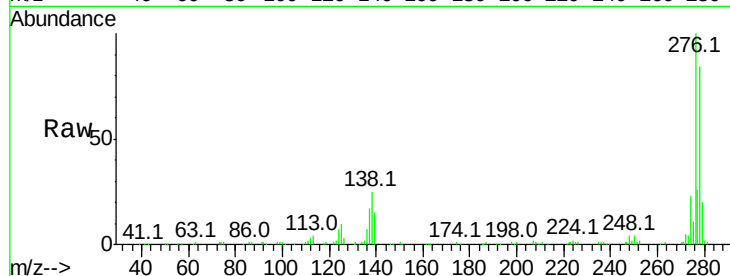




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.66 ng
 RT: 16.82 min Scan# 1289
 Delta R.T. -0.01 min
 Lab File: BF084062.D
 Acq: 24 Dec 2015 4:45

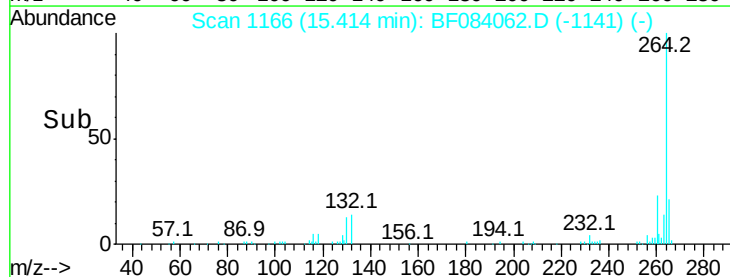
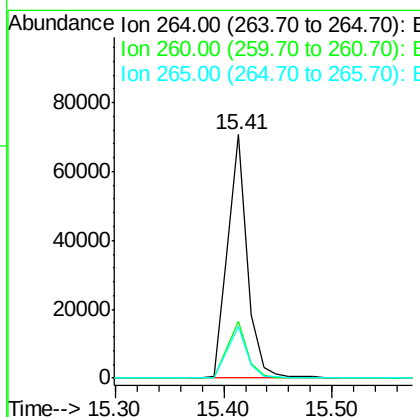
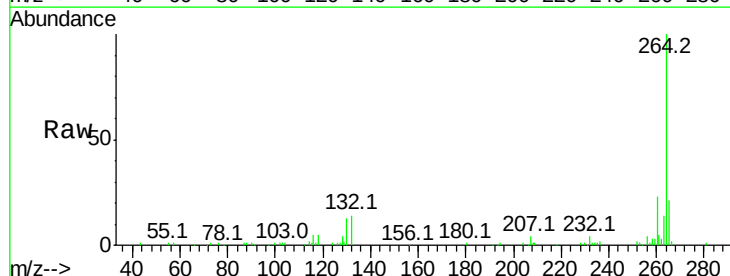
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

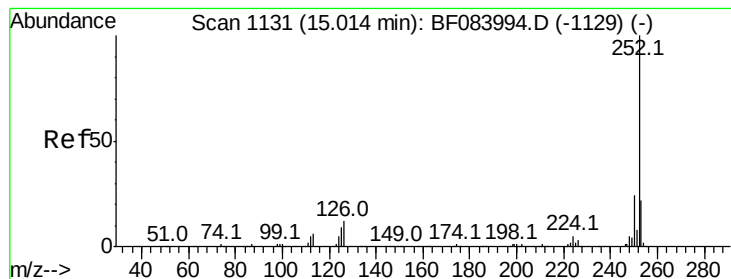
Tot Ion:276 Resp: 196531
 Ion Ratio Lower Upper
 276 100
 138 24.8 20.6 30.8
 277 24.8 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF084062.D
 Acq: 24 Dec 2015 4:45

Tgt Ion:264 Resp: 87465
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.4 29.2
 265 21.4 17.8 26.6





#87

Benzo(b)fluoranthene

Concen: 38.72 ng m

RT: 15.00 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BF084062.D

Acq: 24 Dec 2015 4:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

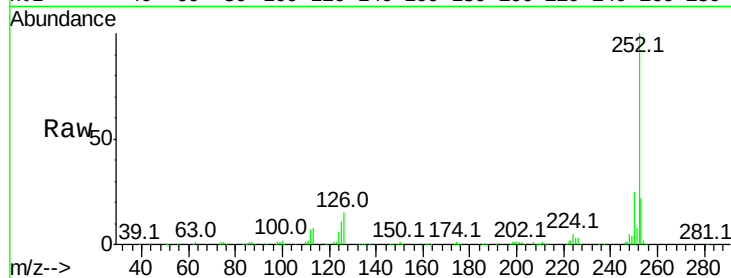
Tot Ion:252 Resp: 213494

Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

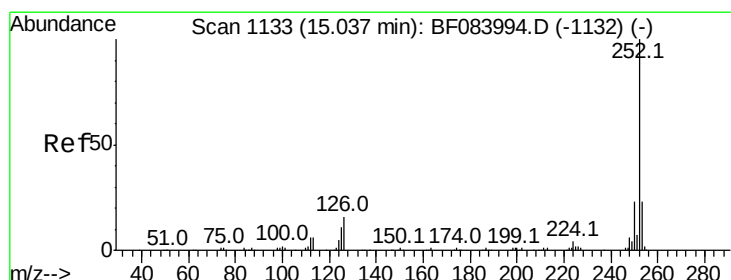
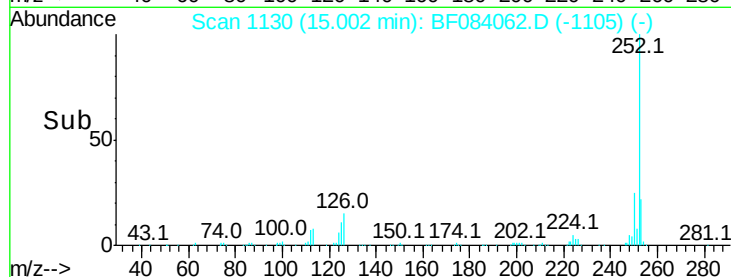
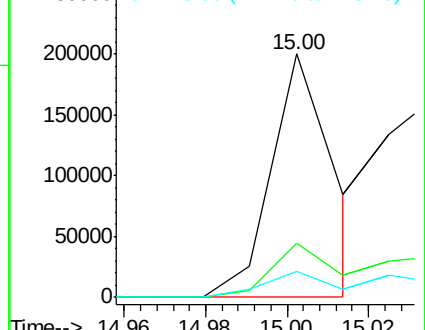
125 10.8 6.5 9.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 43.09 ng m

RT: 15.04 min Scan# 1133

Delta R.T. -0.00 min

Lab File: BF084062.D

Acq: 24 Dec 2015 4:45

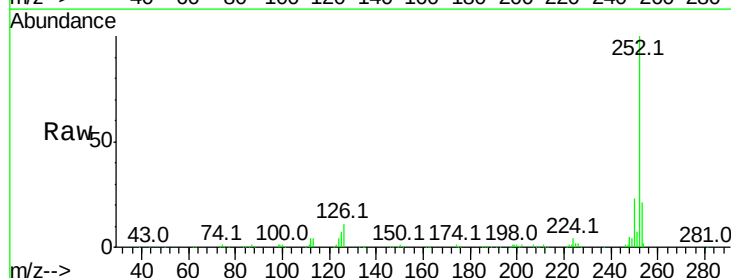
Tgt Ion:252 Resp: 225960

Ion Ratio Lower Upper

252 100

253 20.9 18.1 27.1

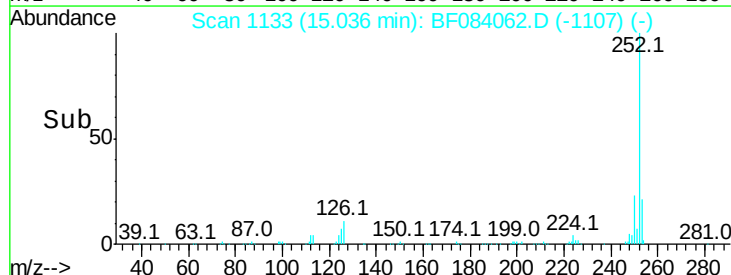
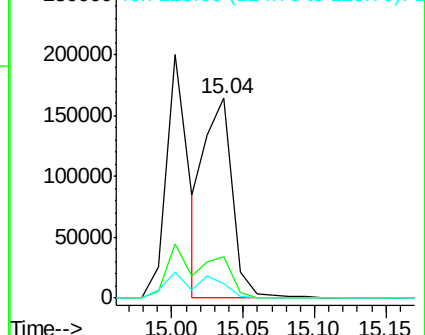
125 7.3 9.0 13.6#

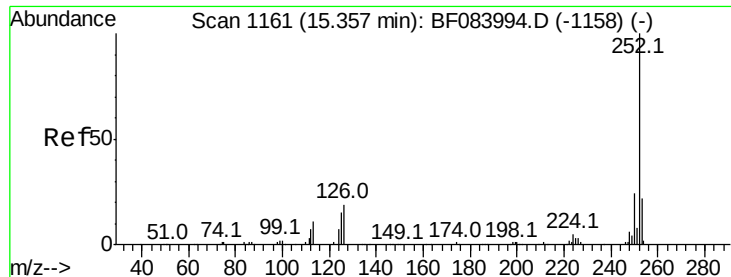


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.44 ng

RT: 15.36 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BF084062.D

Acq: 24 Dec 2015 4:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

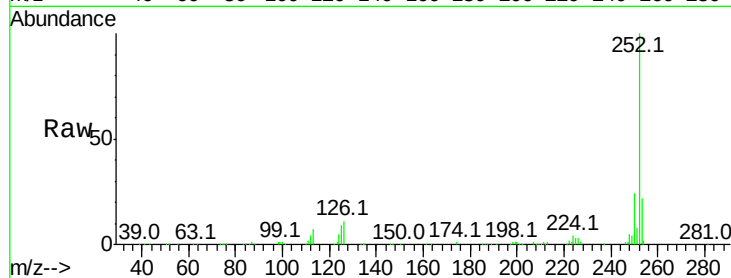
Tot Ion:252 Resp: 211643

Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

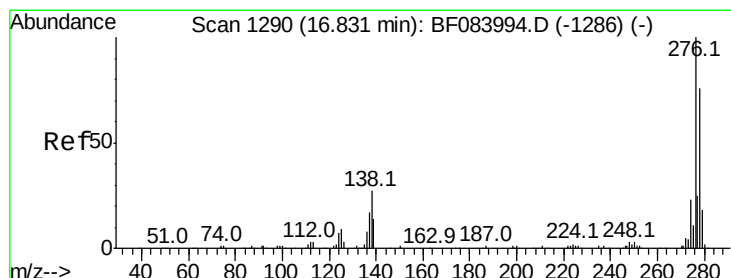
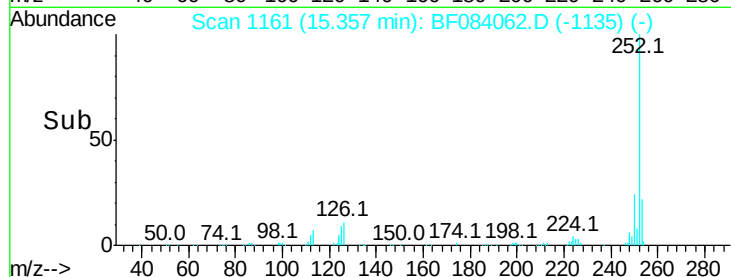
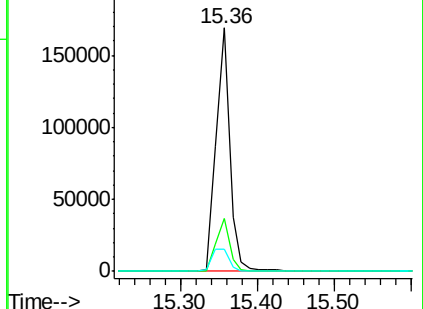
125 9.0 7.0 10.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.65 ng

RT: 16.82 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BF084062.D

Acq: 24 Dec 2015 4:45

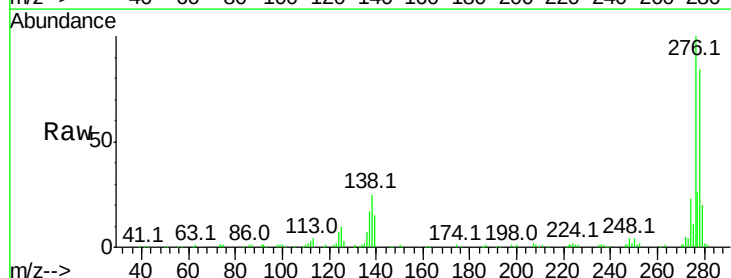
Tgt Ion:278 Resp: 167792

Ion Ratio Lower Upper

278 100

139 17.3 15.0 22.4

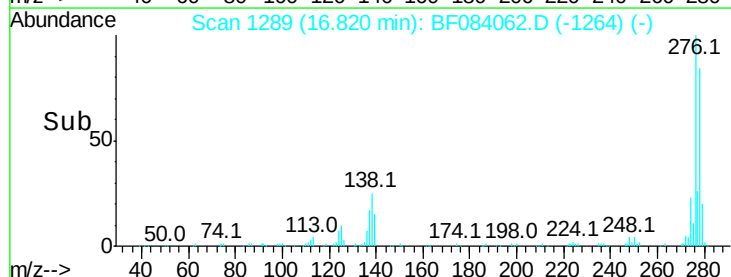
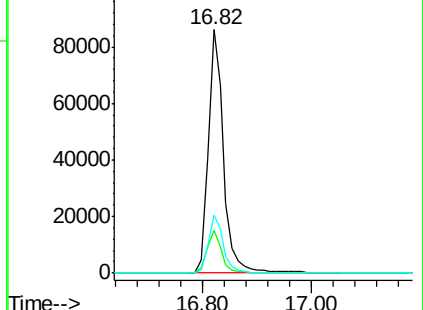
279 23.7 18.9 28.3

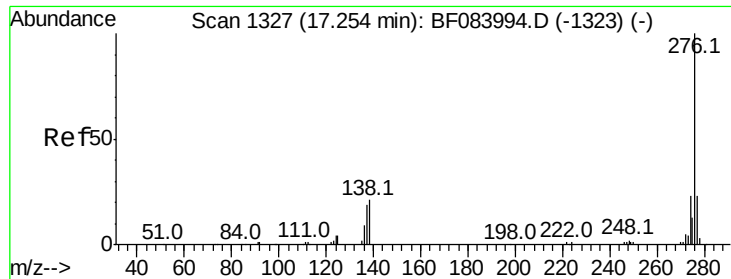


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 35.05 ng
 RT: 17.24 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF084062.D
 Acq: 24 Dec 2015 4:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	276	Resp:	150032
Ion Ratio	Lower	Upper	
276	100		
277	23.7	18.8	28.2
138	20.2	17.8	26.6

