

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
 Data File : BF083911.D
 Acq On : 18 Dec 2015 14:25
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 19 04:14:02 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 14:23:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	55127	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	230585	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	103800	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	205837	20.00	ng	0.00
75) Chrysene-d12	14.03	240	164273	20.00	ng	0.00
86) Perylene-d12	15.47	264	121659	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	281870	80.02	ng	0.00
7) Phenol-d6	6.51	99	323824	75.10	ng	0.00
23) Nitrobenzene-d5	7.44	82	308615	76.39	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	95938	83.90	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	553452	73.25	ng	-0.01
78) Terphenyl-d14	12.98	244	666646	95.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	53416	34.96	ng	99
3) Pyridine	3.20	79	133415	35.31	ng	99
4) n-Nitrosodimethylamine	3.14	42	56772	39.39	ng	98
6) Aniline	6.53	93	209562	37.74	ng	91
8) 2-Chlorophenol	6.66	128	163678	39.04	ng	92
9) Benzaldehyde	6.41	77	92954	35.78	ng	96
10) Phenol	6.53	94	170008	35.34	ng	# 69
11) bis(2-Chloroethyl)ether	6.60	93	130437	35.69	ng	95
12) 1,3-Dichlorobenzene	6.89	146	181000	40.14	ng	99
13) 1,4-Dichlorobenzene	6.81	146	169852	36.90	ng	96
14) 1,2-Dichlorobenzene	7.04	146	150396	40.14	ng	94
15) Benzyl Alcohol	7.01	79	120450	36.91	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.15	45	137133	36.39	ng	98
17) 2-Methylphenol	7.14	107	121917	37.07	ng	94
18) Hexachloroethane	7.38	117	62336	36.90	ng	# 90
19) n-Nitroso-di-n-propylamine	7.29	70	97389	38.75	ng	# 88
20) 3+4-Methylphenols	7.29	107	145850	37.74	ng	# 71
22) Acetophenone	7.28	105	208628	37.58	ng	# 96
24) Nitrobenzene	7.45	77	144400	34.56	ng	93
25) Isophorone	7.70	82	290580	38.23	ng	95
26) 2-Nitrophenol	7.77	139	78040	36.08	ng	# 80
27) 2,4-Dimethylphenol	7.81	122	134356	36.06	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	170240	37.86	ng	99
29) 2,4-Dichlorophenol	8.02	162	132894	39.32	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	138629	38.19	ng	97
31) Naphthalene	8.18	128	474353	40.62	ng	99
32) Benzoic acid	7.94	122	68250	49.21	ng	93
33) 4-Chloroaniline	8.22	127	181219	34.62	ng	97
34) Hexachlorobutadiene	8.29	225	74374	32.81	ng	98
35) Caprolactam	8.60	113	36928	33.07	ng	98
36) 4-Chloro-3-methylphenol	8.72	107	148027	38.55	ng	95
37) 2-Methylnaphthalene	8.86	142	276812	34.54	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	129781	39.65	ng	99
40) Hexachlorocyclopentadiene	9.02	237	23914	34.11	ng	97

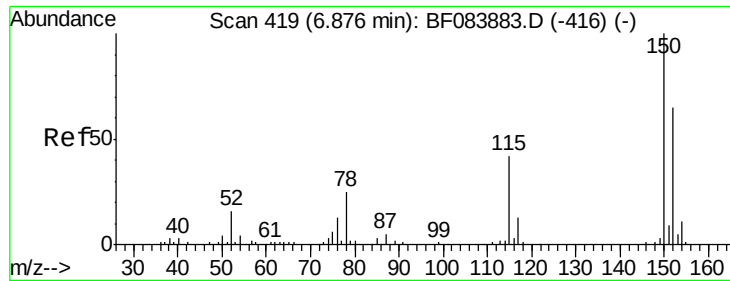
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	90663	41.96	ng	98
43) 2,4,5-Trichlorophenol	9.20	196	90371	42.26	ng	96
45) 1,1'-Biphenyl	9.33	154	392971	45.12	ng	98
46) 2-Chloronaphthalene	9.36	162	277486	40.51	ng	97
47) 2-Nitroaniline	9.45	65	71351	34.76	ng	93
48) Acenaphthylene	9.77	152	450226	37.20	ng	100
49) Dimethylphthalate	9.63	163	330092	37.90	ng	# 90
50) 2,6-Dinitrotoluene	9.70	165	77789	40.94	ng	90
51) Acenaphthene	9.94	154	275238	36.99	ng	99
52) 3-Nitroaniline	9.86	138	73843	36.87	ng	96
53) 2,4-Dinitrophenol	9.97	184	28574	46.79	ng	91
54) Dibenzofuran	10.11	168	352915	36.52	ng	# 89
55) 4-Nitrophenol	10.03	139	49847	39.87	ng	# 76
56) 2,4-Dinitrotoluene	10.10	165	96826	39.76	ng	100
57) Fluorene	10.45	166	291729	39.31	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	65967	41.69	ng	99
59) Diethylphthalate	10.33	149	337501	37.48	ng	95
60) 4-Chlorophenyl-phenylether	10.45	204	143911	38.86	ng	89
61) 4-Nitroaniline	10.48	138	73254	35.35	ng	98
62) Azobenzene	10.60	77	302665	40.10	ng	86
64) 4,6-Dinitro-2-methylphenol	10.51	198	47780	38.61	ng	88
65) n-Nitrosodiphenylamine	10.57	169	270416	36.10	ng	99
66) 4-Bromophenyl-phenylether	10.93	248	84803	33.70	ng	# 62
67) Hexachlorobenzene	11.01	284	101169	38.18	ng	96
68) Atrazine	11.09	200	80009	33.72	ng	98
69) Pentachlorophenol	11.21	266	41230	39.22	ng	98
70) Phenanthrene	11.41	178	418879	33.68	ng	98
71) Anthracene	11.47	178	471481	39.22	ng	99
72) Carbazole	11.62	167	400190	33.69	ng	99
73) Di-n-butylphthalate	11.95	149	544009	38.98	ng	# 97
74) Fluoranthene	12.60	202	436614	35.18	ng	100
76) Benzidine	12.73	184	244613	37.19	ng	98
77) Pyrene	12.83	202	451318	43.32	ng	100
79) Butylbenzylphthalate	13.45	149	226852	41.48	ng	99
80) Benzo(a)anthracene	14.02	228	382282	37.85	ng	100
81) 3,3'-Dichlorobenzidine	13.99	252	151249	40.07	ng	# 97
82) Chrysene	14.07	228	387257	39.69	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	316745	43.38	ng	98
84) Di-n-octyl phthalate	14.63	149	508435	44.50	ng	100
85) Indeno(1,2,3-cd)pyrene	16.91	276	282592	38.73	ng	99
87) Benzo(b)fluoranthene	15.06	252	328096	36.99	ng	98
88) Benzo(k)fluoranthene	15.06	252	328096	44.84	ng	98
89) Benzo(a)pyrene	15.41	252	288880	39.44	ng	# 98
90) Dibenzo(a,h)anthracene	16.91	278	234223	41.11	ng	99
91) Benzo(g,h,i)perylene	17.33	276	230519	41.28	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

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SSTDCCC040

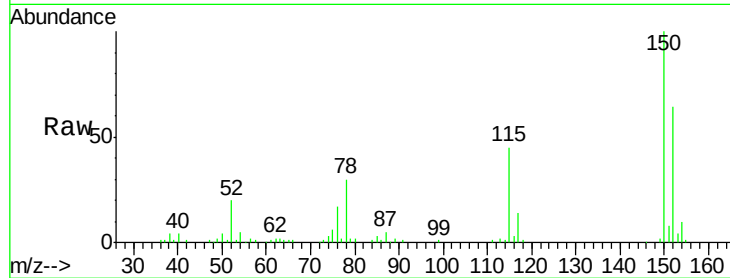
Tgt Ion:152 Resp: 55127

Ion Ratio Lower Upper

152 100

150 156.8 123.0 184.4

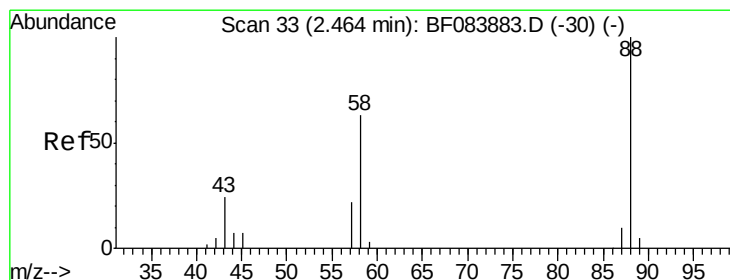
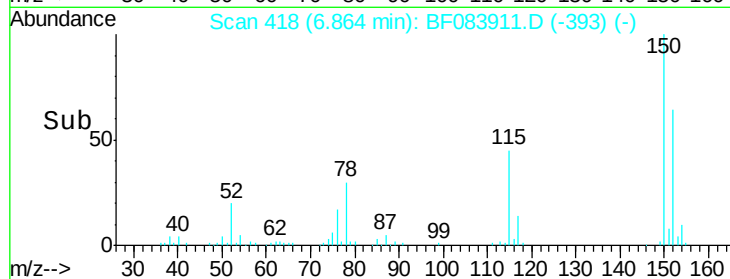
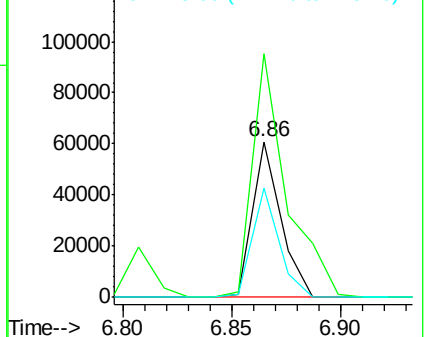
115 70.0 51.4 77.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 34.96 ng

RT: 2.45 min Scan# 32

Delta R.T. -0.01 min

Lab File: BF083911.D

Acq: 18 Dec 2015 14:25

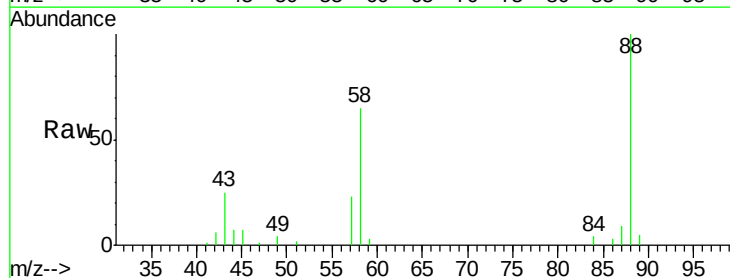
Tgt Ion: 88 Resp: 53416

Ion Ratio Lower Upper

88 100

58 63.6 51.2 76.8

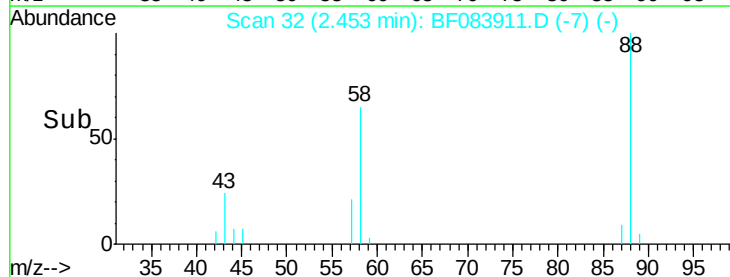
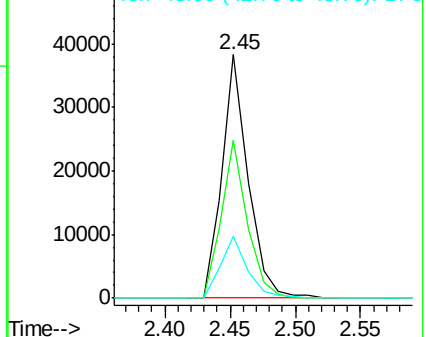
43 25.8 19.5 29.3

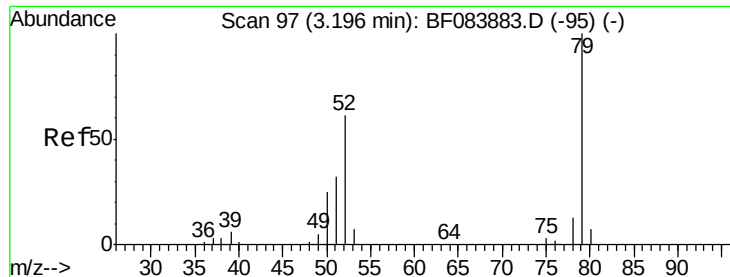


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 35.31 ng

RT: 3.20 min Scan# 97

Delta R.T. 0.00 min

Lab File: BF083911.D

Acq: 18 Dec 2015 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

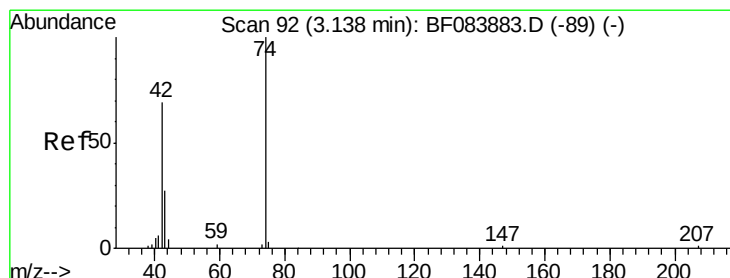
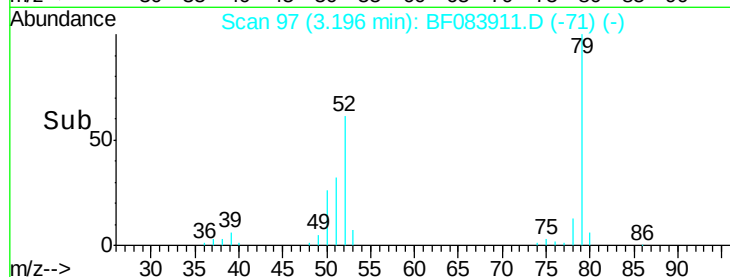
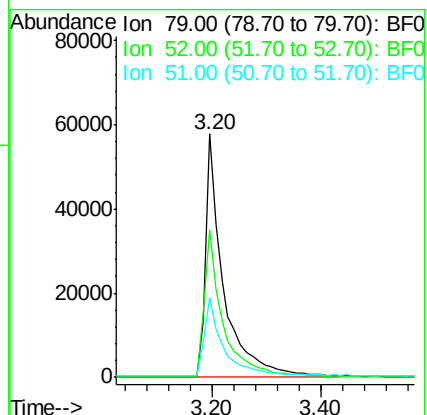
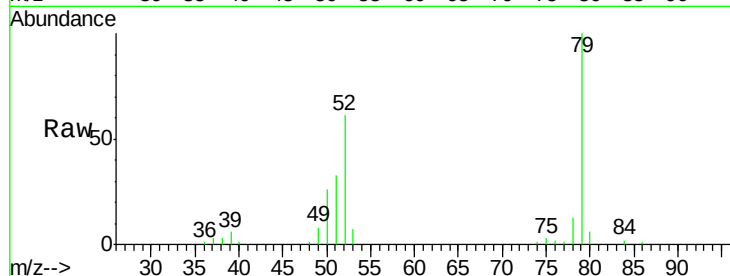
Tgt Ion: 79 Resp: 133415

Ion Ratio Lower Upper

79 100

52 60.9 49.0 73.4

51 32.7 25.2 37.8



#4

n-Nitrosodimethylamine

Concen: 39.39 ng

RT: 3.14 min Scan# 92

Delta R.T. 0.00 min

Lab File: BF083911.D

Acq: 18 Dec 2015 14:25

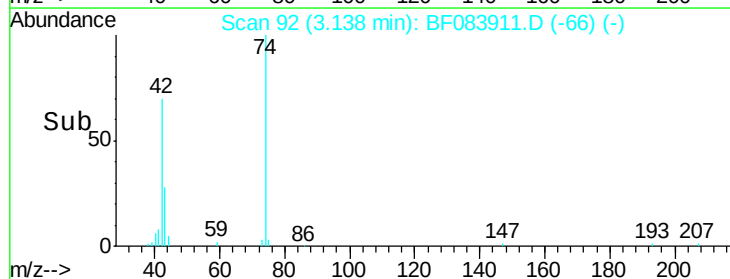
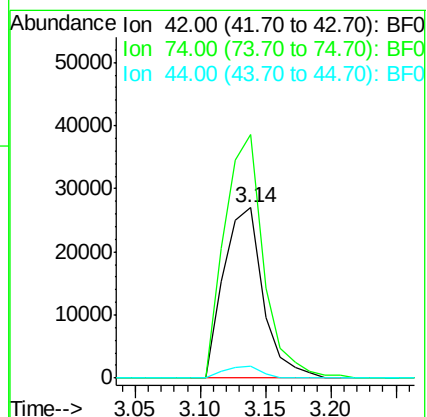
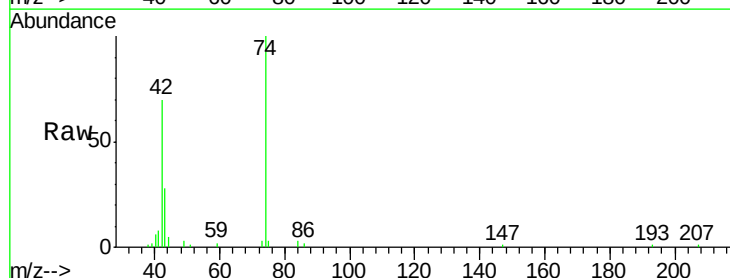
Tgt Ion: 42 Resp: 56772

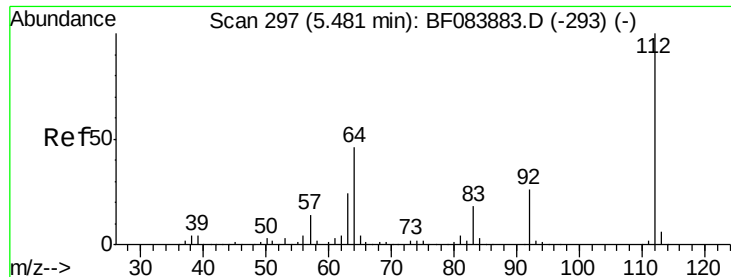
Ion Ratio Lower Upper

42 100

74 142.7 115.7 173.5

44 6.9 5.1 7.7





#5

2-Fluorophenol

Concen: 80.02 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.00 min

Lab File: BF083911.D

Acq: 18 Dec 2015 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

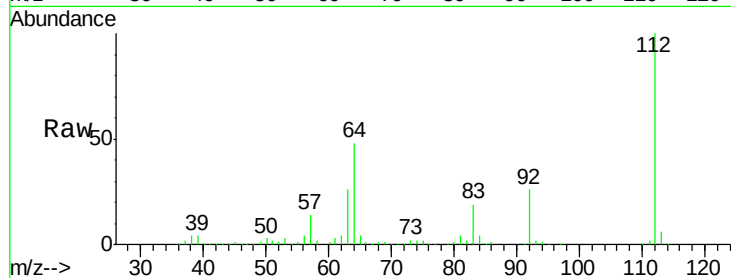
Tgt Ion: 112 Resp: 281870

Ion Ratio Lower Upper

112 100

64 47.6 36.6 55.0

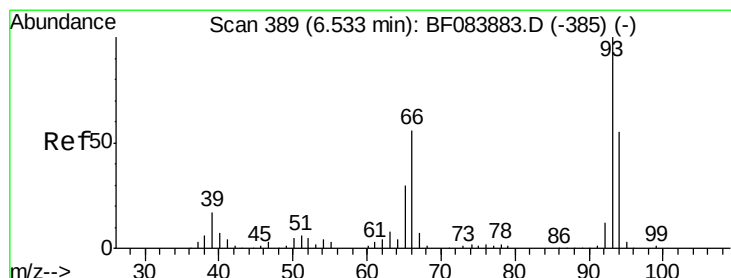
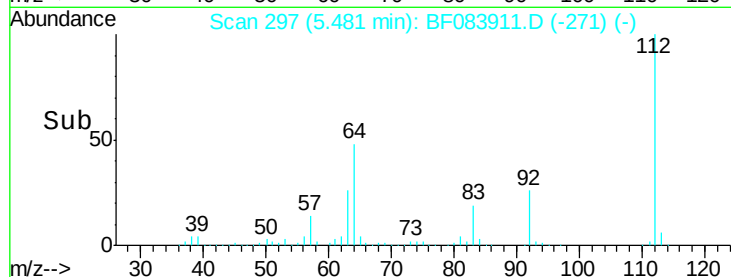
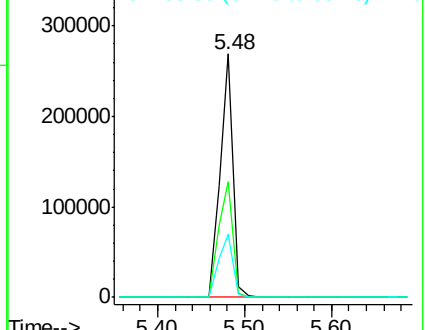
63 26.1 19.4 29.0



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: 37.74 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF083911.D

Acq: 18 Dec 2015 14:25

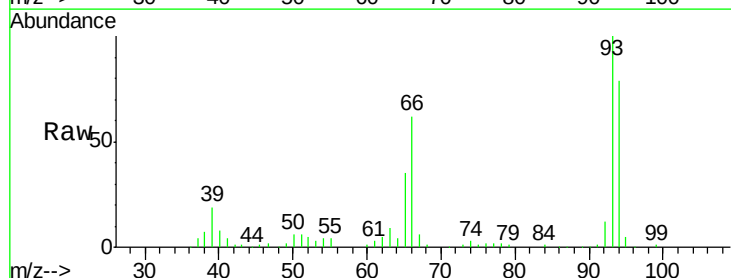
Tgt Ion: 93 Resp: 209562

Ion Ratio Lower Upper

93 100

66 62.2 44.9 67.3

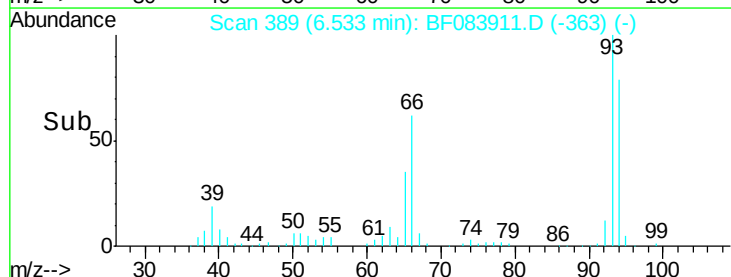
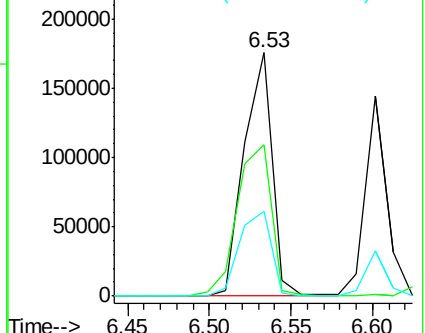
65 34.6 23.7 35.5

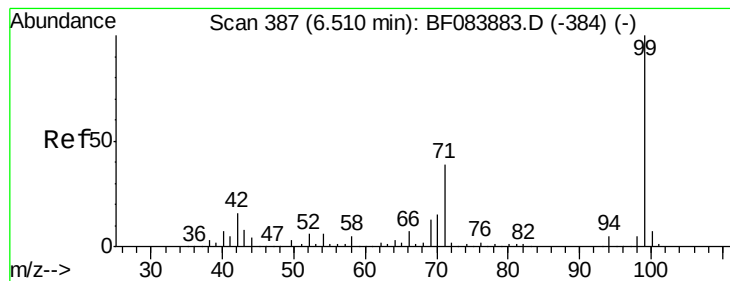


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 75.10 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF083911.D

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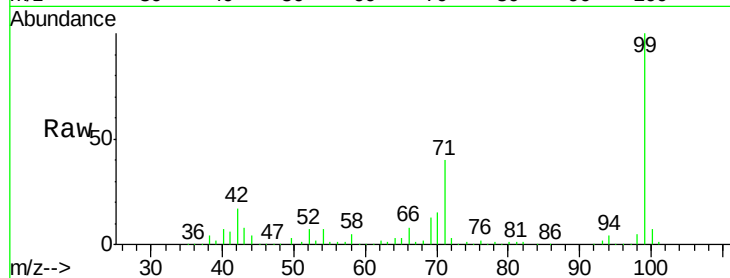
Tgt Ion: 99 Resp: 323824

Ion Ratio Lower Upper

99 100

42 16.8 12.8 19.2

71 39.7 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

300000

250000

200000

150000

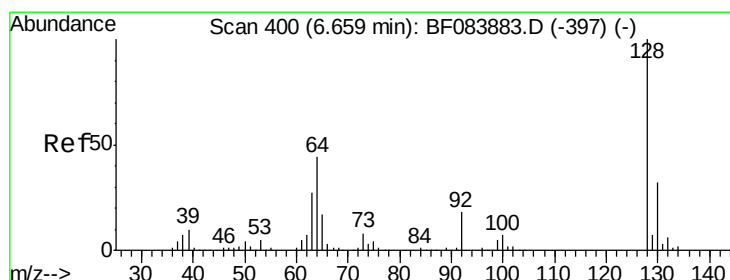
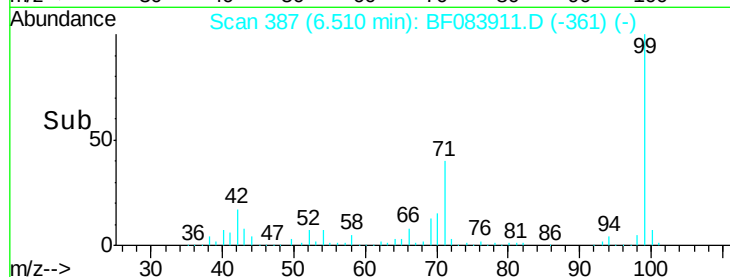
100000

50000

0

6.45 6.50 6.55 6.60

Time-->



#8

2-Chlorophenol

Concen: 39.04 ng

RT: 6.66 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF083911.D

Acq: 18 Dec 2015 14:25

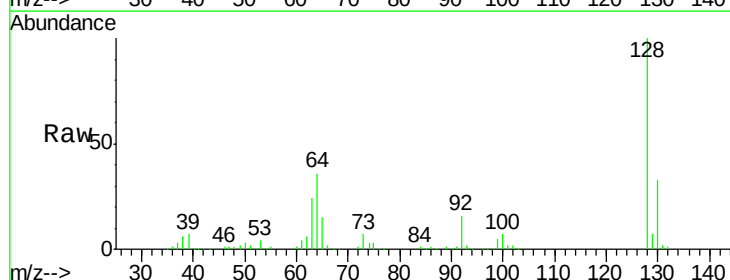
Tgt Ion: 128 Resp: 163678

Ion Ratio Lower Upper

128 100

130 33.4 11.6 51.6

64 35.9 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

250000

200000

150000

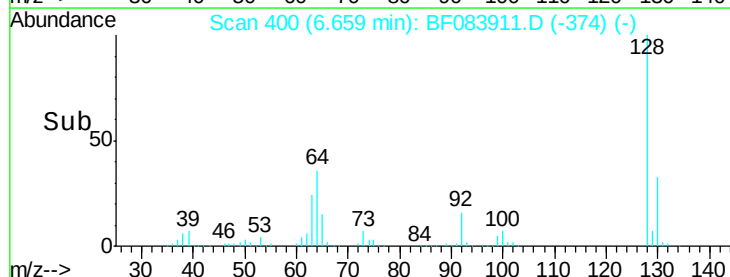
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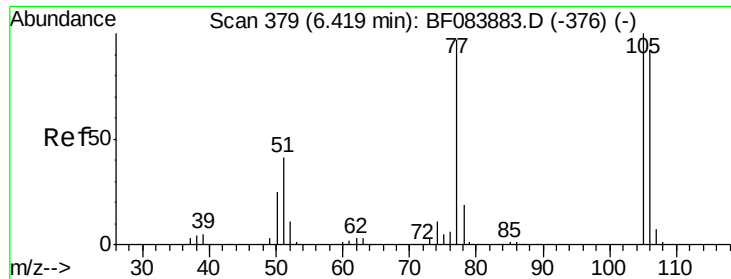
50000

0

6.60 6.65 6.70

Time-->





#9

Benzaldehyde

Concen: 35.78 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF083911.D

Acq: 18 Dec 2015 14:25

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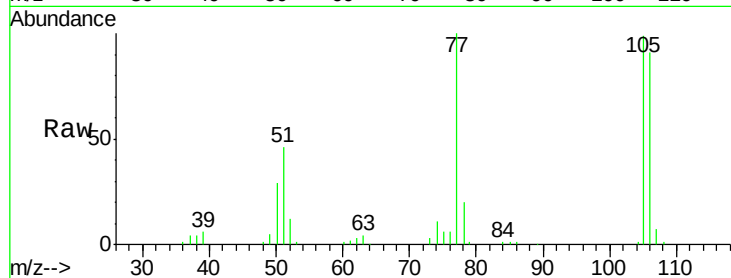
Tgt Ion: 77 Resp: 92954

Ion Ratio Lower Upper

77 100

105 99.3 83.0 123.0

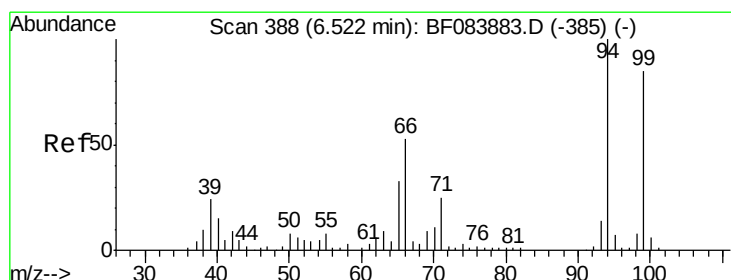
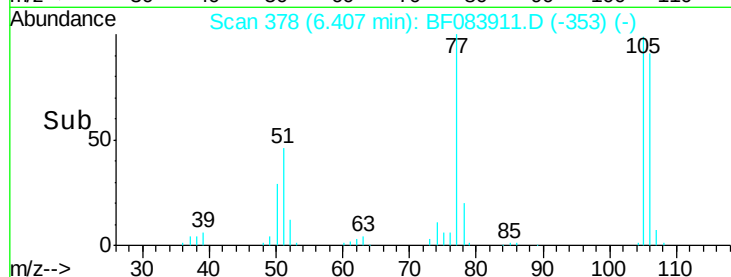
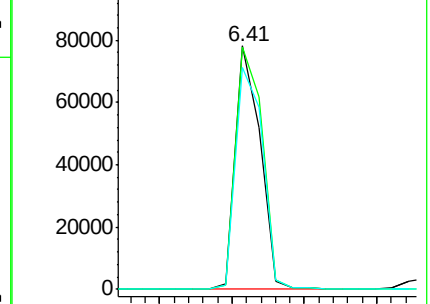
106 91.3 74.6 114.6



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: 35.34 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.01 min

Lab File: BF083911.D

Acq: 18 Dec 2015 14:25

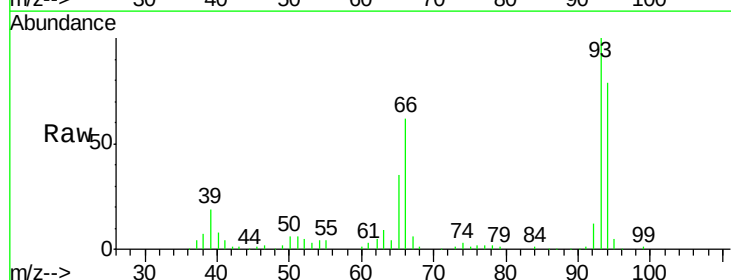
Tgt Ion: 94 Resp: 170008

Ion Ratio Lower Upper

94 100

65 44.0 12.9 52.9

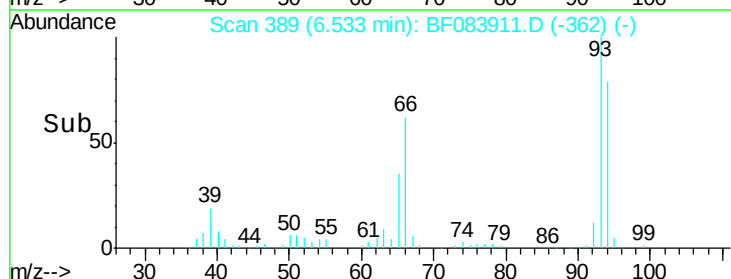
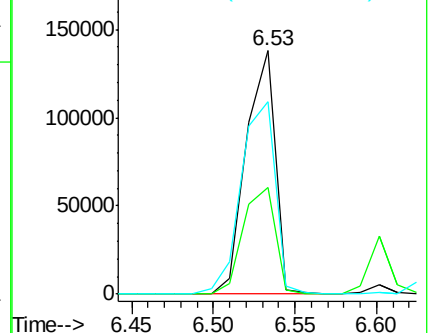
66 79.2 32.7 72.7#

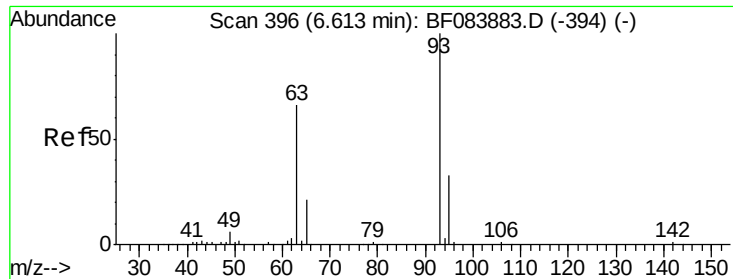


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

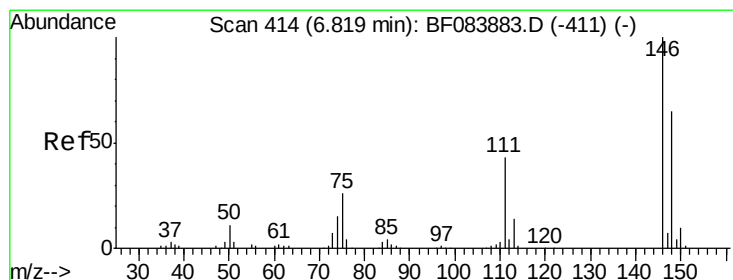
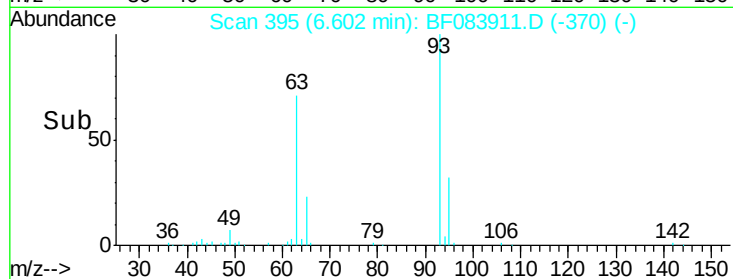
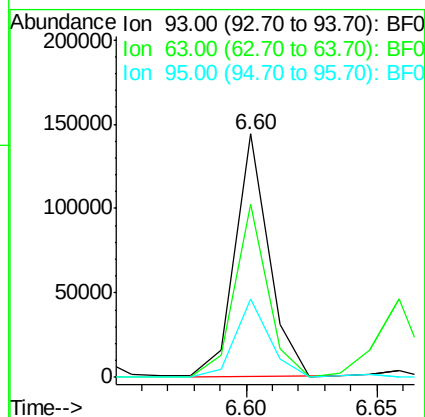
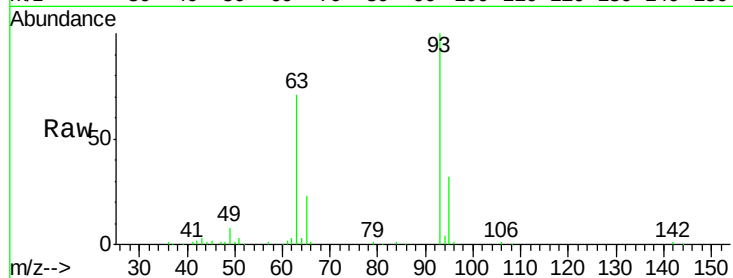




#11
bis(2-Chloroethyl)ether
Concen: 35.69 ng
RT: 6.60 min Scan# 395
Delta R.T. -0.01 min
Lab File: BF083911.D
Acq: 18 Dec 2015 14:25

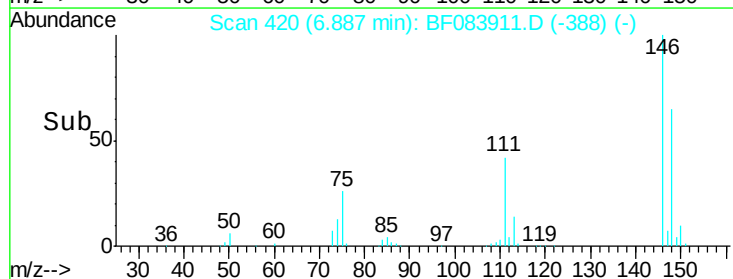
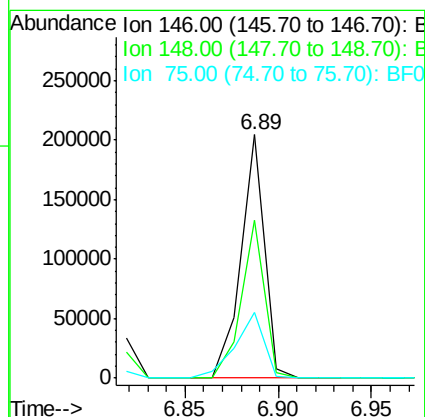
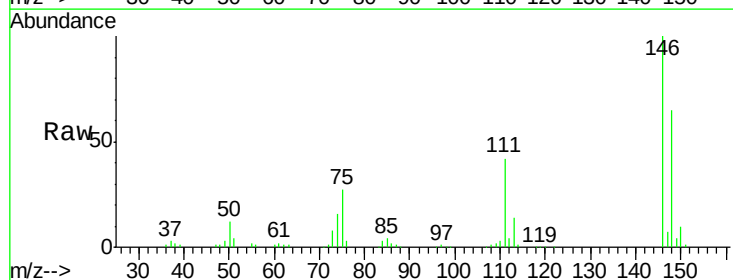
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

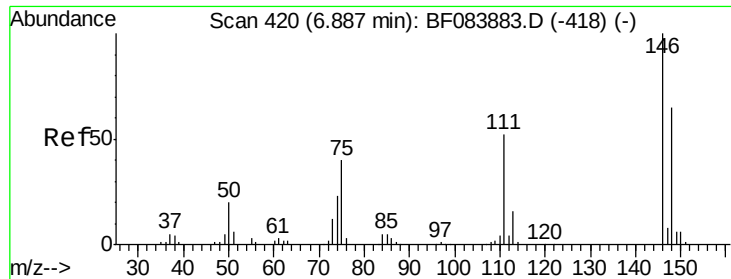
Tgt Ion:	93	Resp:	130437
Ion	Ratio	Lower	Upper
93	100		
63	71.2	45.9	85.9
95	32.4	12.3	52.3



#12
1,3-Dichlorobenzene
Concen: 40.14 ng
RT: 6.89 min Scan# 420
Delta R.T. 0.07 min
Lab File: BF083911.D
Acq: 18 Dec 2015 14:25

Tgt Ion:	146	Resp:	181000
Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.9	77.9
75	26.8	20.5	30.7

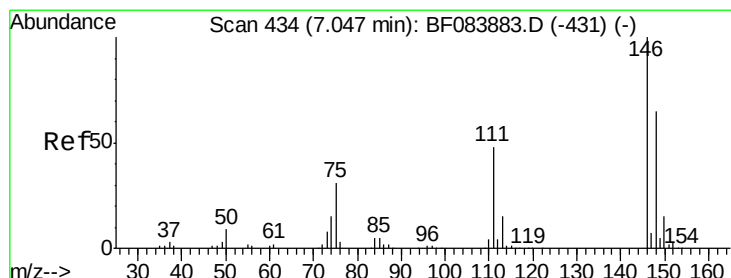
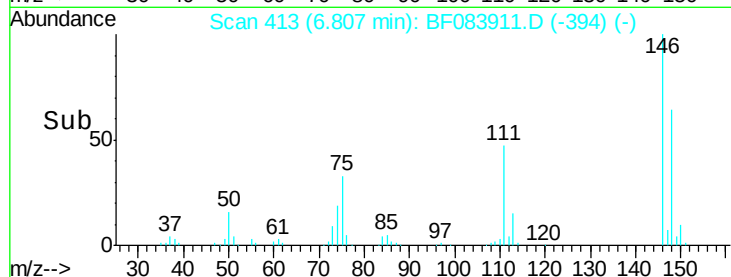
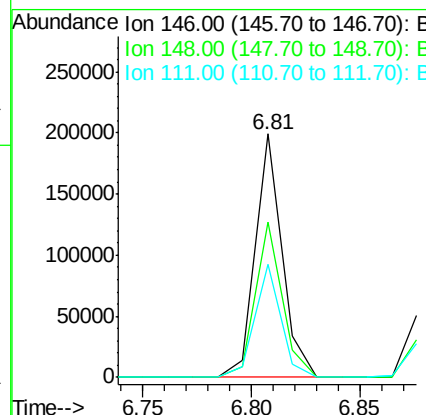
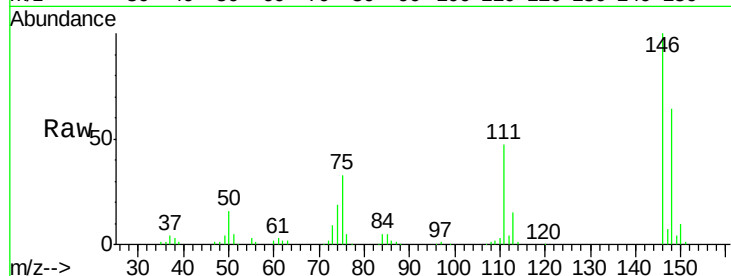




#13
 1,4-Dichlorobenzene
 Concen: 36.90 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.08 min
 Lab File: BF083911.D
 Acq: 18 Dec 2015 14:25

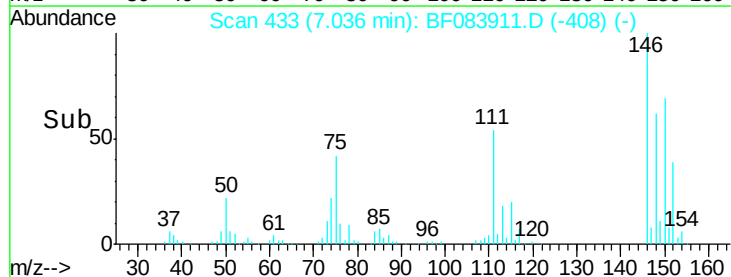
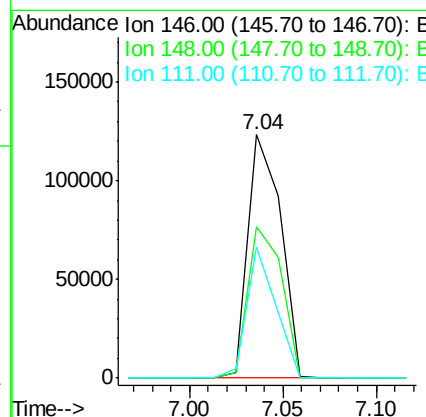
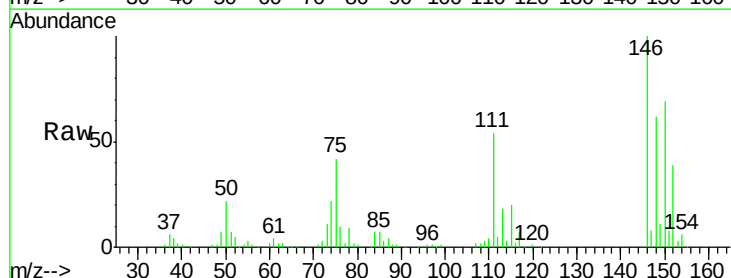
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

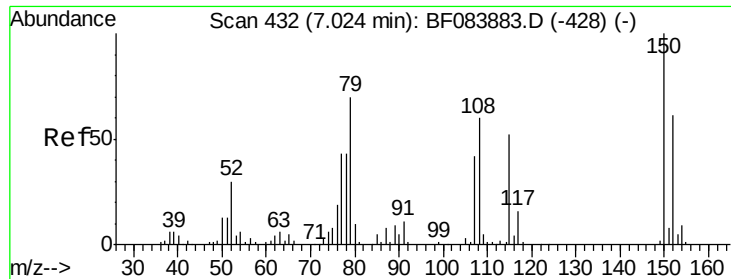
Tgt Ion:146 Resp: 169852
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.9 77.9
 111 46.5 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 40.14 ng
 RT: 7.04 min Scan# 433
 Delta R.T. -0.01 min
 Lab File: BF083911.D
 Acq: 18 Dec 2015 14:25

Tgt Ion:146 Resp: 150396
 Ion Ratio Lower Upper
 146 100
 148 62.2 51.6 77.4
 111 53.8 38.0 57.0

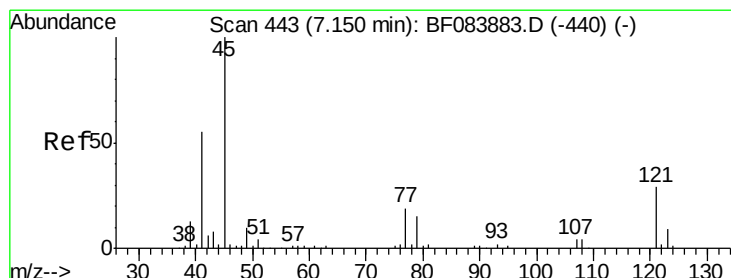
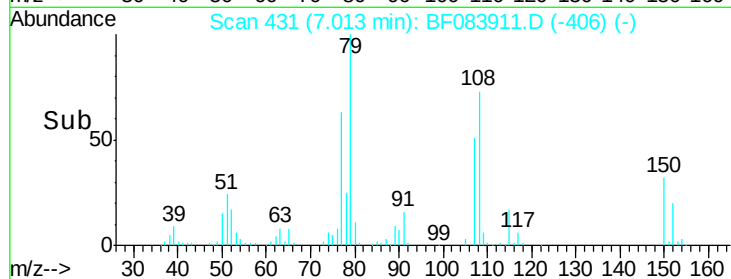
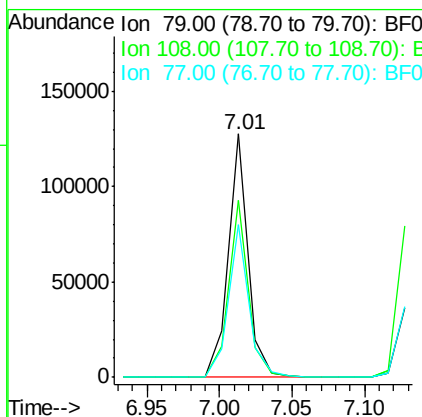
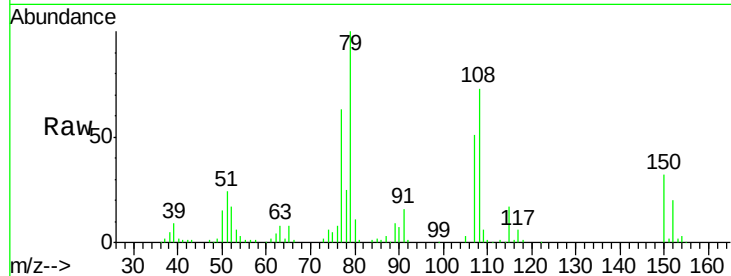




#15
Benzyl Alcohol
Concen: 36.91 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.01 min
Lab File: BF083911.D
Acq: 18 Dec 2015 14:25

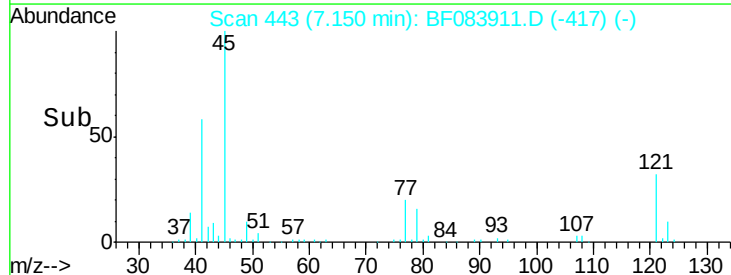
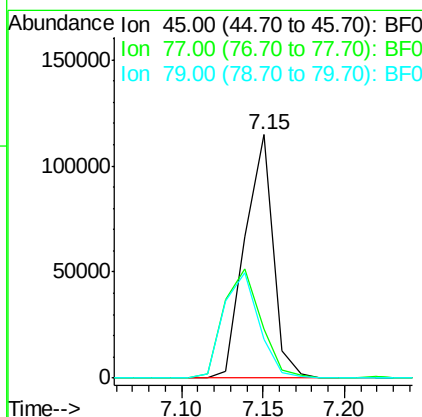
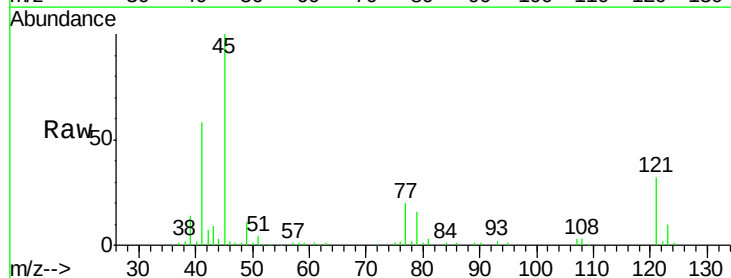
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

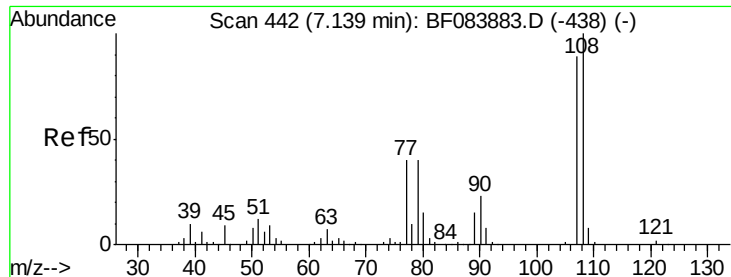
Tgt Ion: 79 Resp: 120450
Ion Ratio Lower Upper
79 100
108 72.9 69.0 103.4
77 62.6 50.0 75.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.39 ng
RT: 7.15 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF083911.D
Acq: 18 Dec 2015 14:25

Tgt Ion: 45 Resp: 137133
Ion Ratio Lower Upper
45 100
77 20.3 0.0 39.6
79 16.1 0.0 35.0

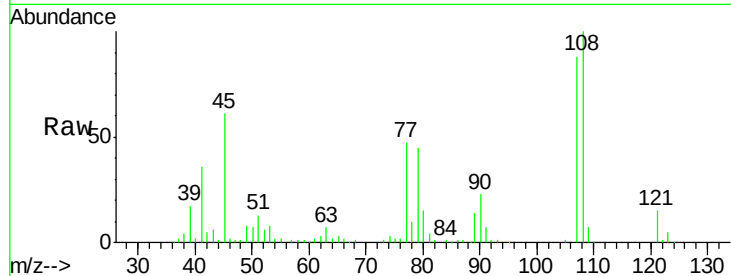




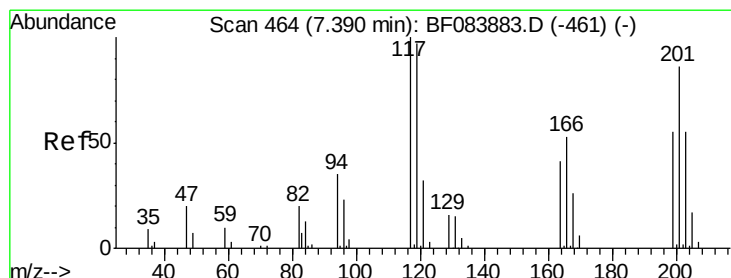
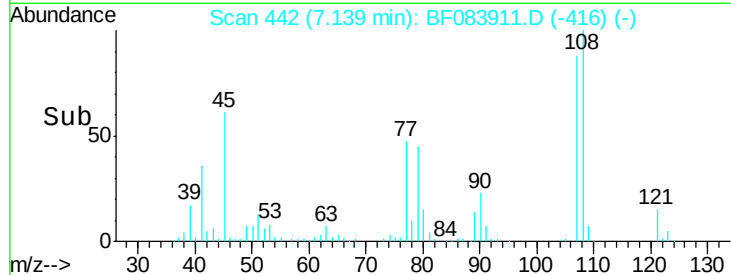
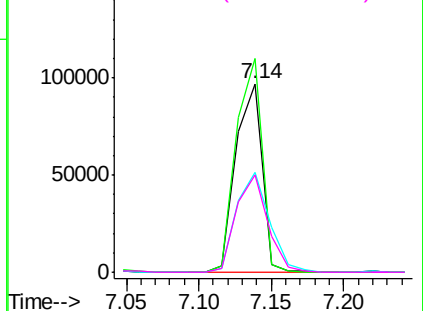
#17
2-Methylphenol
Concen: 37.07 ng
RT: 7.14 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF083911.D
Acq: 18 Dec 2015 14:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	107	Resp:	121917
Ion	Ratio	Lower	Upper
107	100		
108	113.5	89.8	134.6
77	53.2	35.7	53.5
79	51.4	35.7	53.5

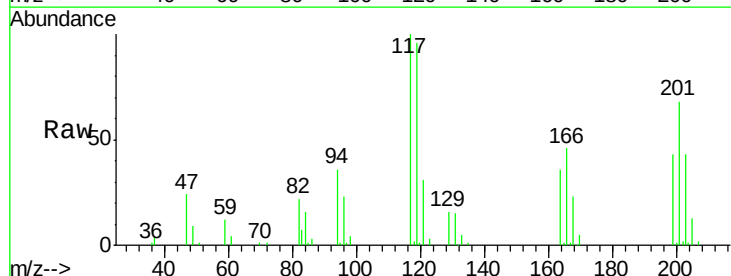


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

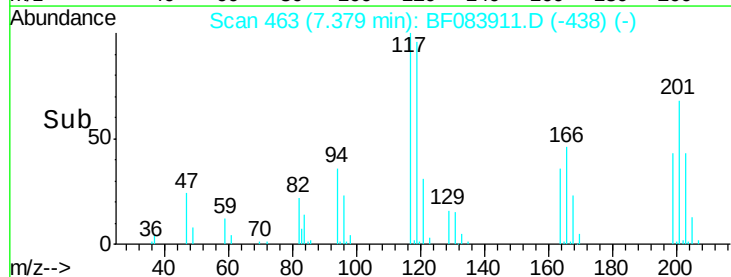
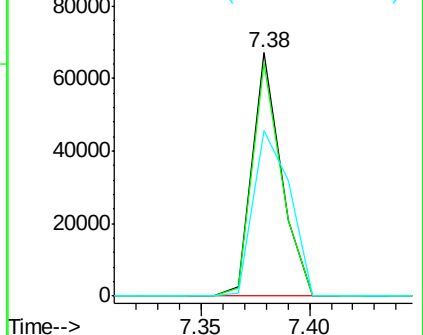


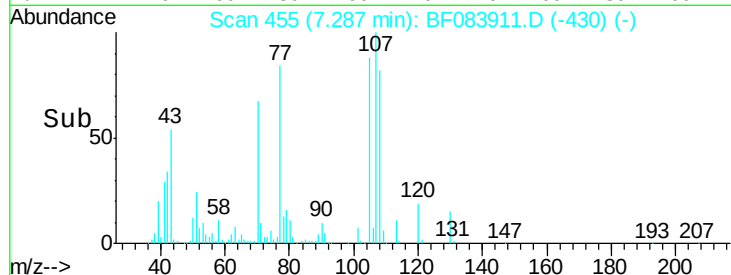
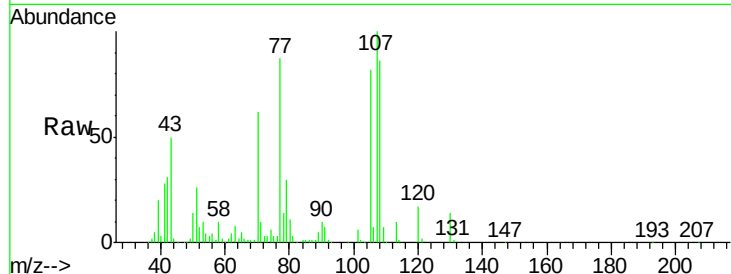
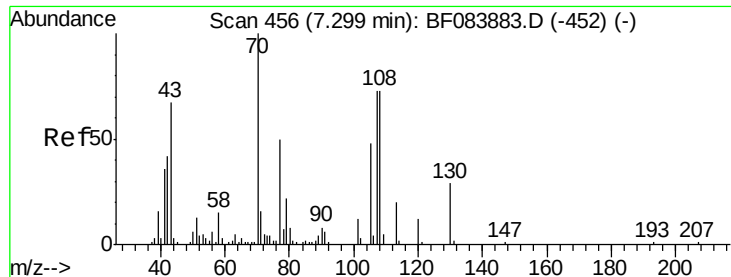
#18
Hexachloroethane
Concen: 36.90 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF083911.D
Acq: 18 Dec 2015 14:25

Tgt Ion:	117	Resp:	62336
Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.4	116.0
201	67.8	68.6	103.0#



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

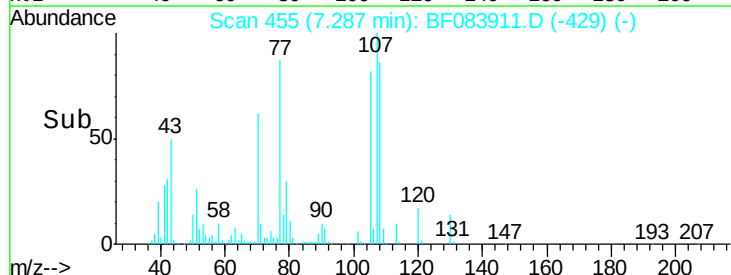
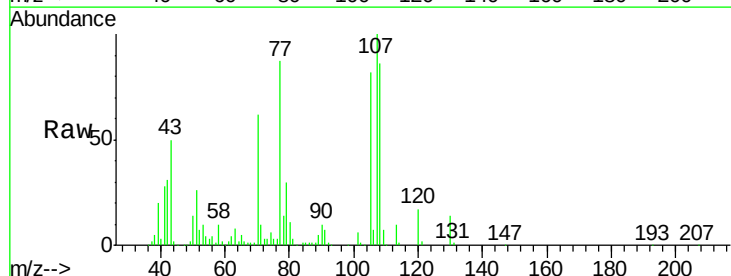
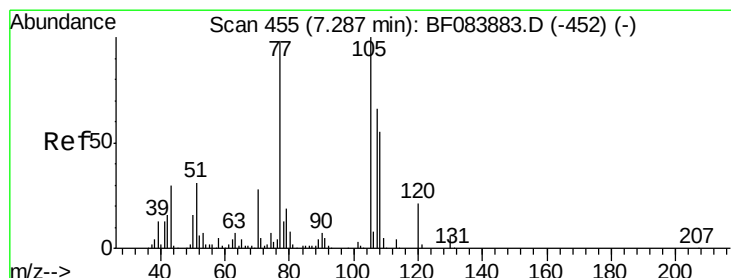
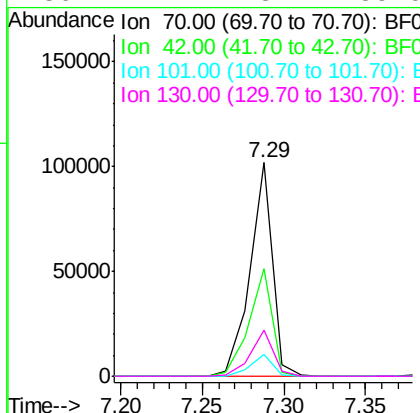




#19
n-Nitroso-di-n-propylamine
Concen: 38.75 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF083911.D
Acq: 18 Dec 2015 14:25

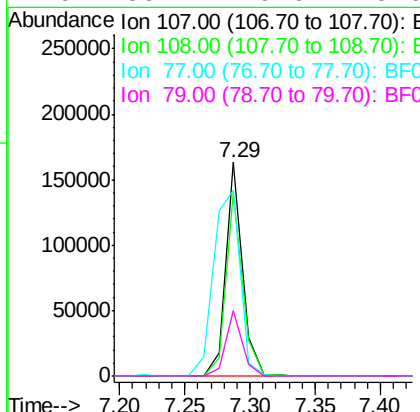
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

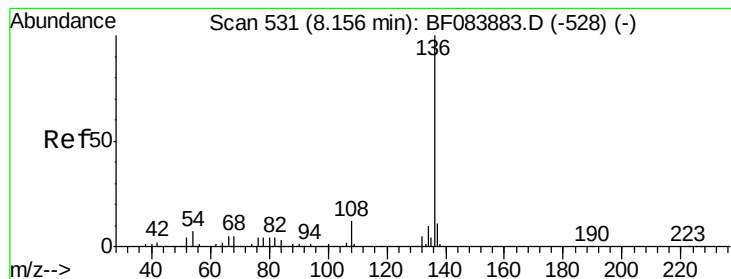
Tgt Ion:	70	Resp:	97389
Ion	Ratio	Lower	Upper
70	100		
42	50.1	33.3	49.9#
101	10.2	9.3	13.9
130	21.7	23.4	35.0#



#20
3+4-Methylphenols
Concen: 37.74 ng
RT: 7.29 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF083911.D
Acq: 18 Dec 2015 14:25

Tgt Ion:	107	Resp:	145850
Ion	Ratio	Lower	Upper
107	100		
108	85.9	64.1	104.1
77	86.8	128.9	168.9#
79	30.4	9.6	49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF083911.D

Acq: 18 Dec 2015 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 230585

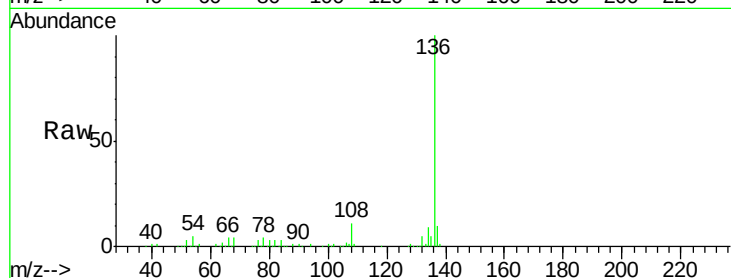
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 5.1 5.8 8.8#

68 3.7 4.2 6.2#

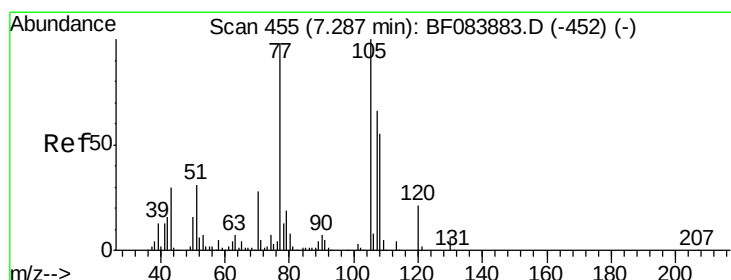
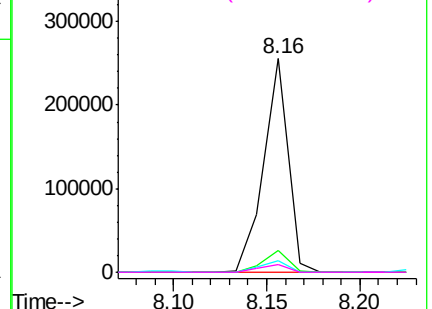
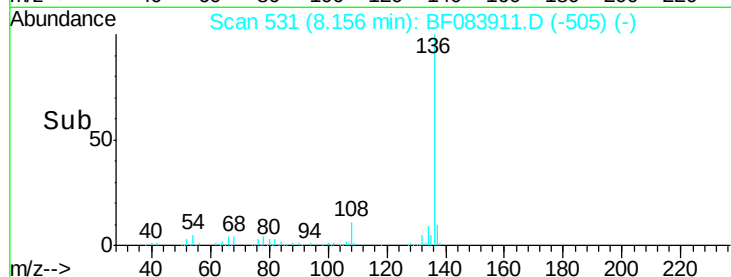


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.58 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF083911.D

Acq: 18 Dec 2015 14:25

Tgt Ion:105 Resp: 208628

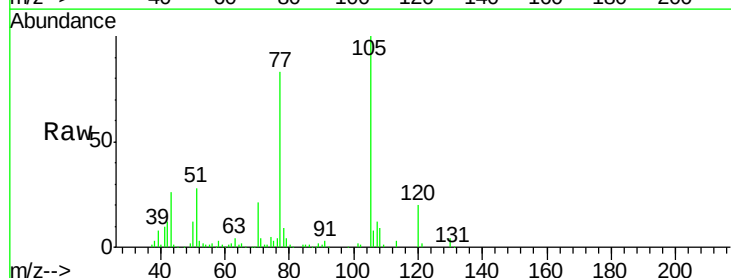
Ion Ratio Lower Upper

105 100

71 3.6 3.7 5.5#

51 27.6 25.1 37.7

120 20.5 16.6 25.0

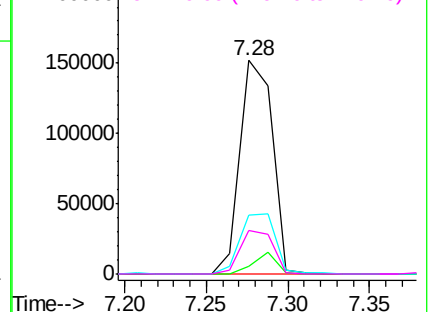
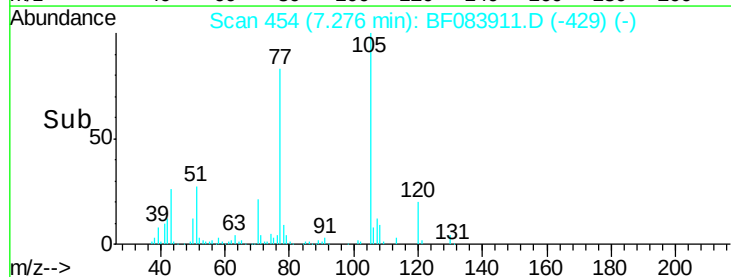


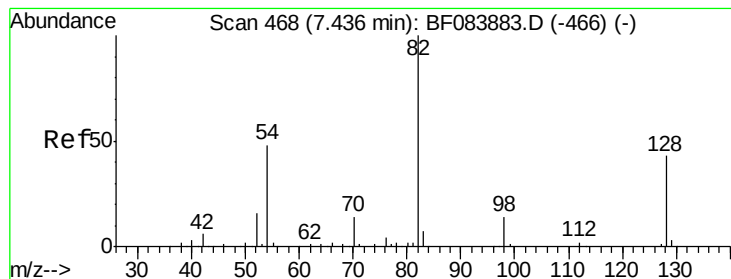
Abundance Ion 105.00 (104.70 to 105.70): E

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: 76.39 ng

RT: 7.44 min Scan# 468

Delta R.T. 0.00 min

Lab File: BF083911.D

Acq: 18 Dec 2015 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

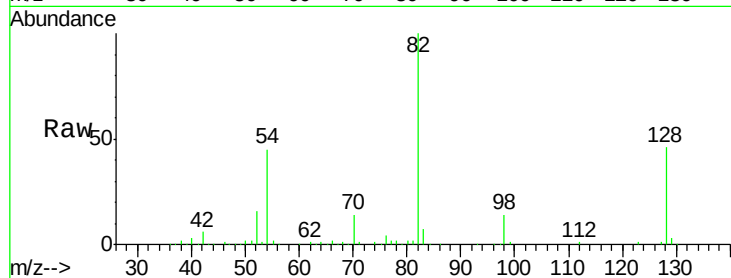
Tgt Ion: 82 Resp: 308615

Ion Ratio Lower Upper

82 100

128 46.4 34.6 51.8

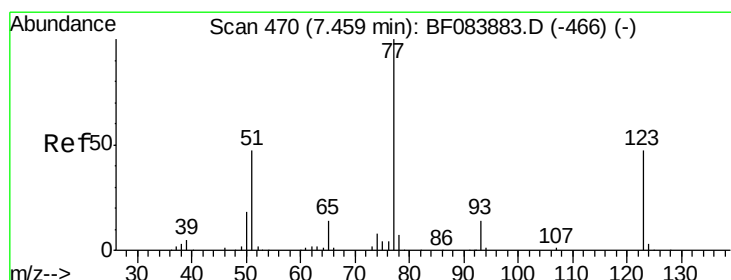
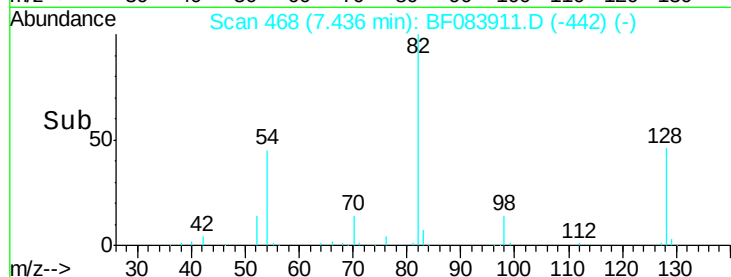
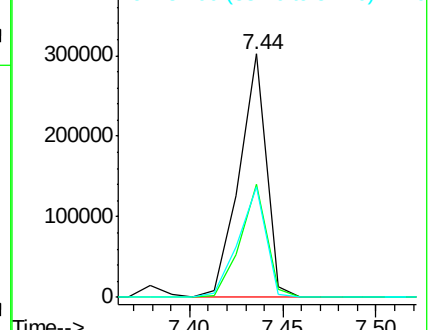
54 45.4 38.4 57.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 34.56 ng

RT: 7.45 min Scan# 469

Delta R.T. -0.01 min

Lab File: BF083911.D

Acq: 18 Dec 2015 14:25

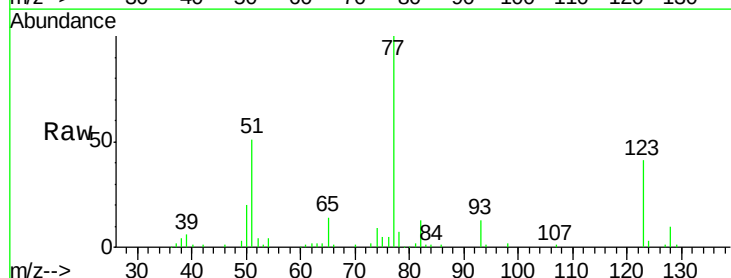
Tgt Ion: 77 Resp: 144400

Ion Ratio Lower Upper

77 100

123 40.9 37.4 56.2

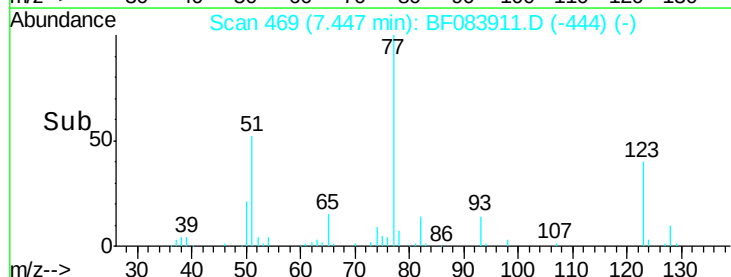
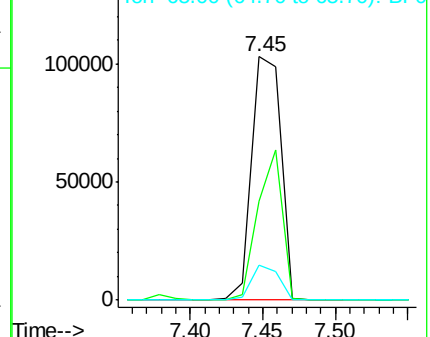
65 14.2 10.9 16.3

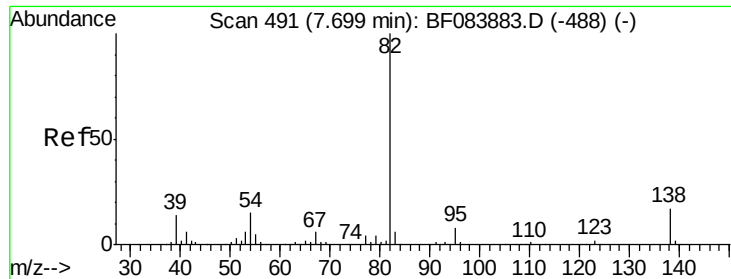


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.23 ng

RT: 7.70 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF083911.D

Acq: 18 Dec 2015 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

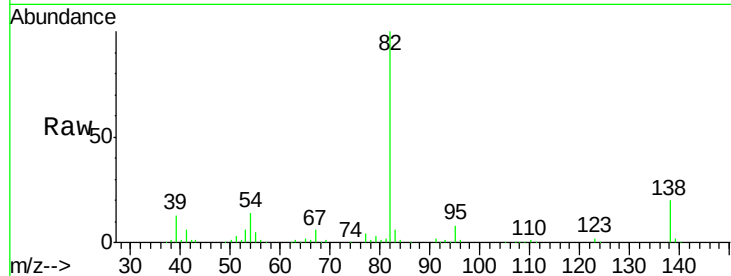
Tgt Ion: 82 Resp: 290580

Ion Ratio Lower Upper

82 100

95 8.4 6.6 10.0

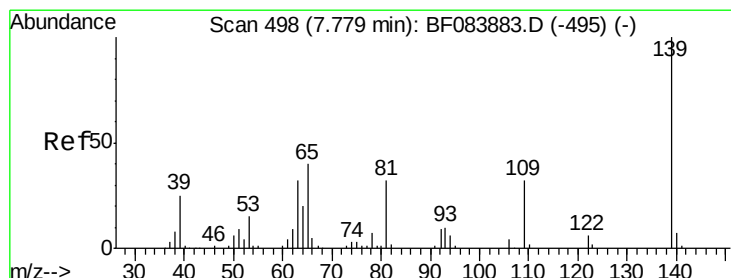
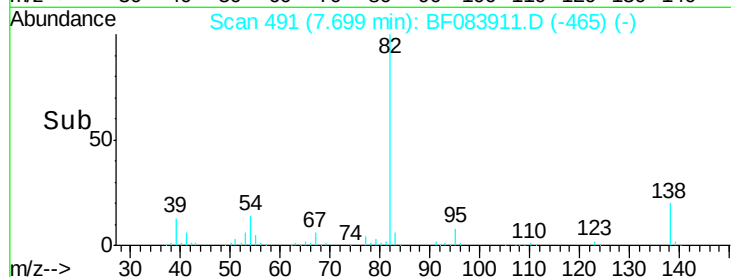
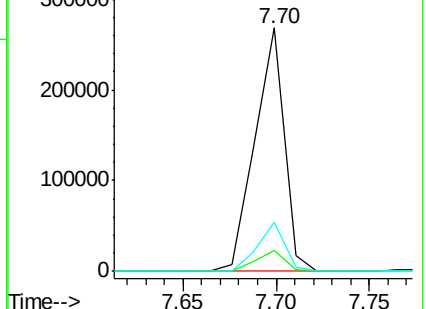
138 20.2 13.6 20.4



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 36.08 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF083911.D

Acq: 18 Dec 2015 14:25

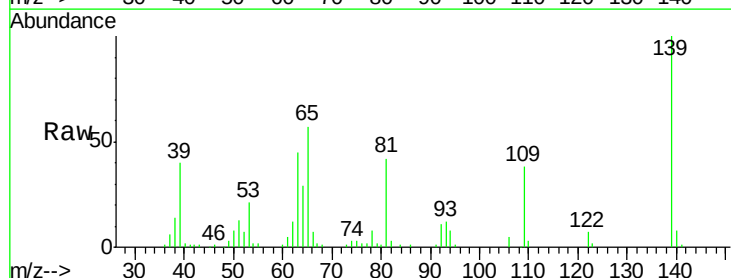
Tgt Ion: 139 Resp: 78040

Ion Ratio Lower Upper

139 100

109 38.2 25.4 38.2#

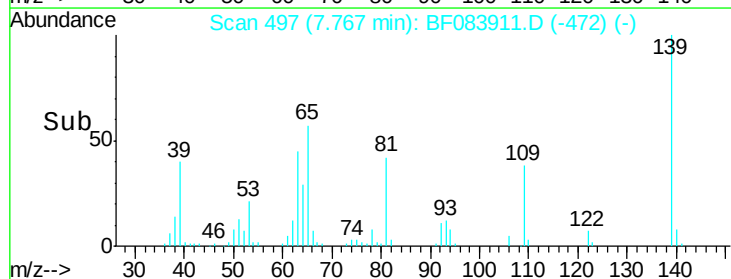
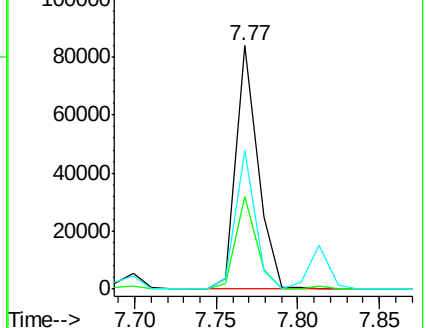
65 57.1 32.3 48.5#

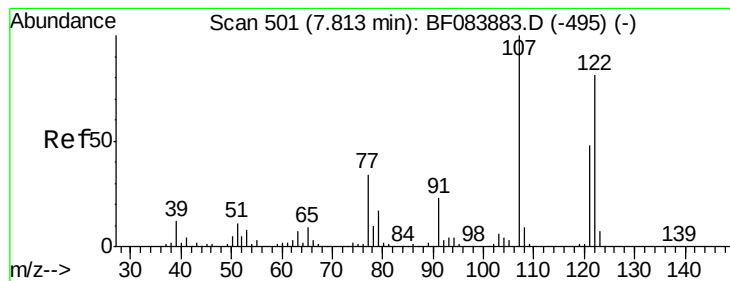


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 36.06 ng

RT: 7.81 min Scan# 501

Delta R.T. 0.00 min

Lab File: BF083911.D

Acq: 18 Dec 2015 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

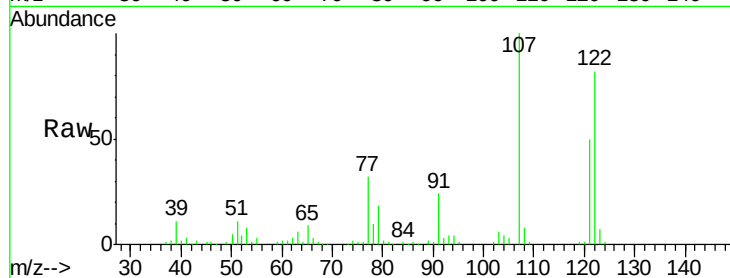
Tgt Ion:122 Resp: 134356

Ion Ratio Lower Upper

122 100

107 122.1 99.1 148.7

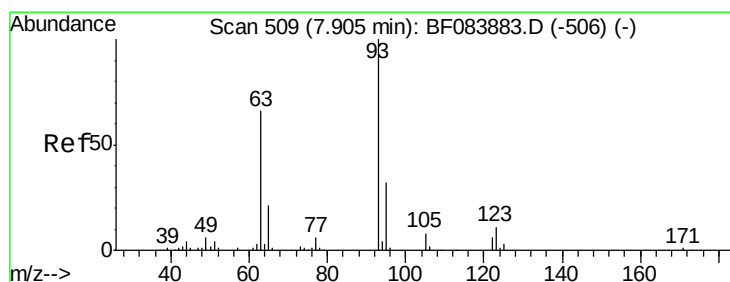
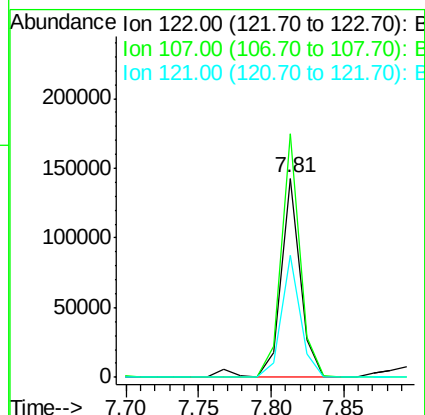
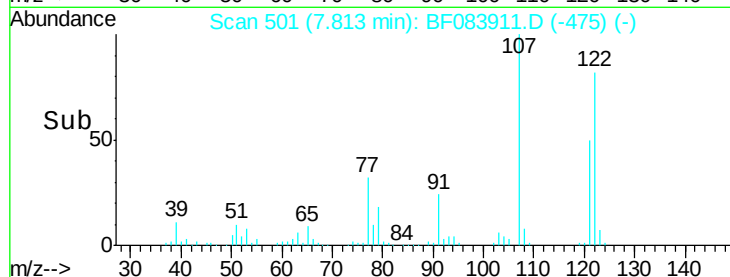
121 61.0 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.86 ng

RT: 7.90 min Scan# 509

Delta R.T. 0.00 min

Lab File: BF083911.D

Acq: 18 Dec 2015 14:25

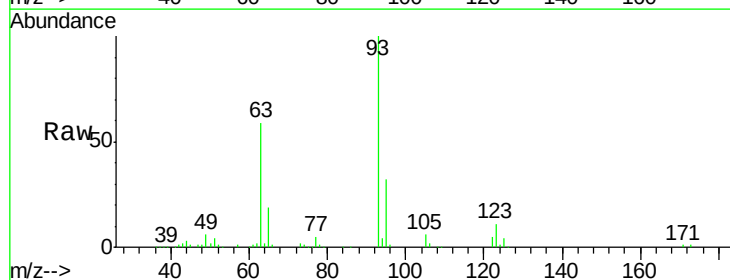
Tgt Ion: 93 Resp: 170240

Ion Ratio Lower Upper

93 100

95 32.5 25.8 38.6

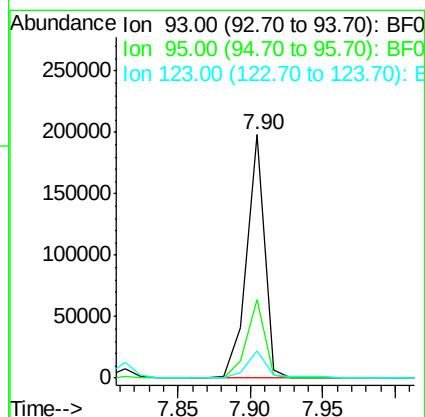
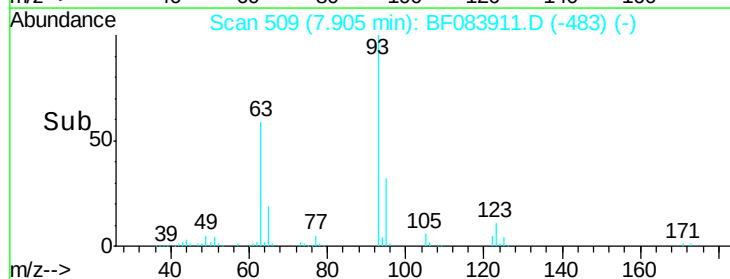
123 11.4 8.6 12.8

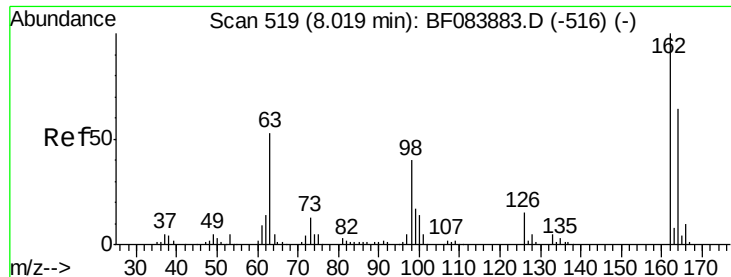


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

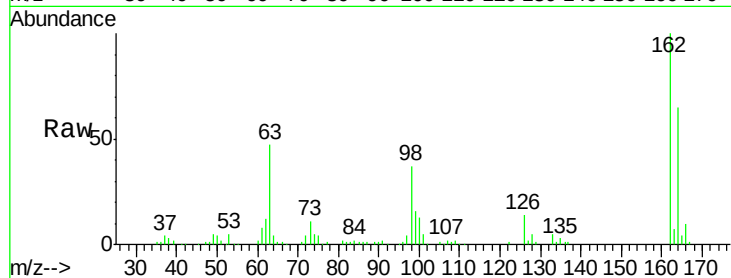




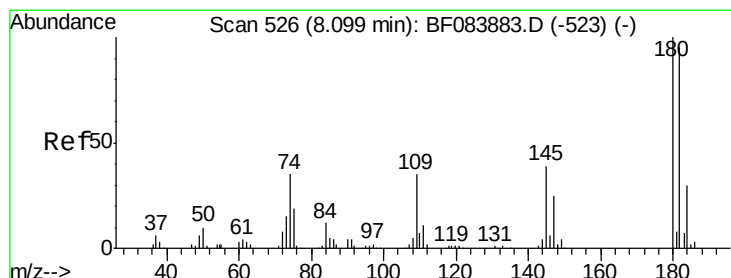
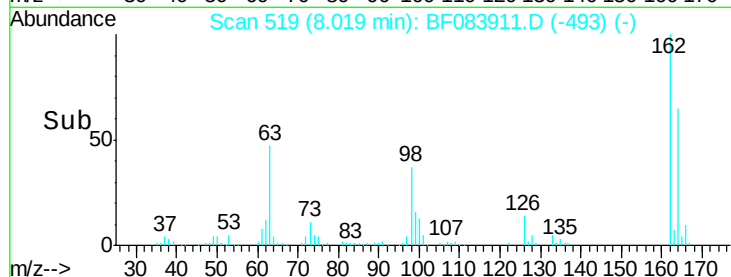
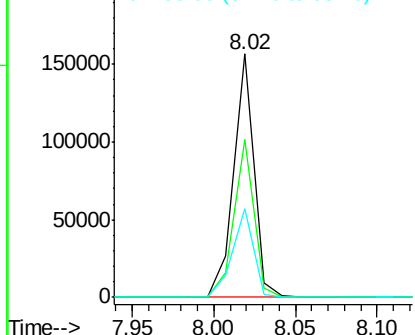
#29
 2,4-Dichlorophenol
 Concen: 39.32 ng
 RT: 8.02 min Scan# 519
 Delta R.T. 0.00 min
 Lab File: BF083911.D
 Acq: 18 Dec 2015 14:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:162 Resp: 132894
 Ion Ratio Lower Upper
 162 100
 164 64.6 44.1 84.1
 98 36.6 20.2 60.2

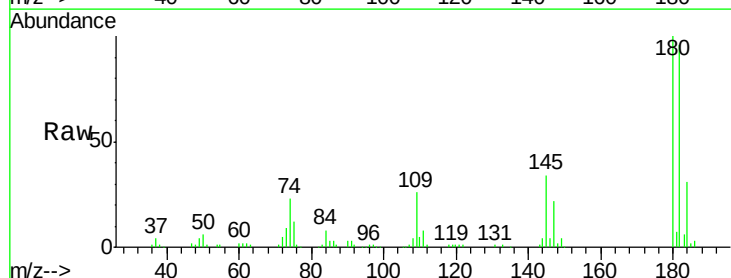


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

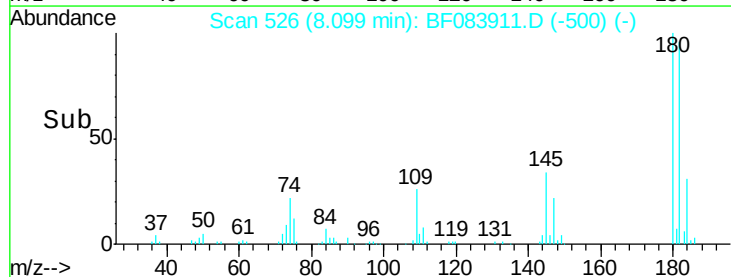
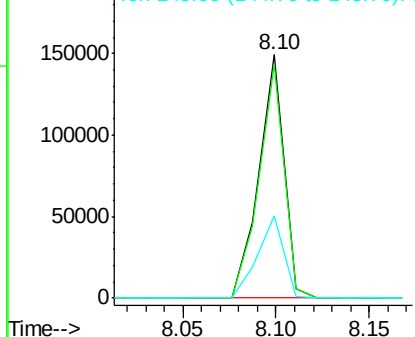


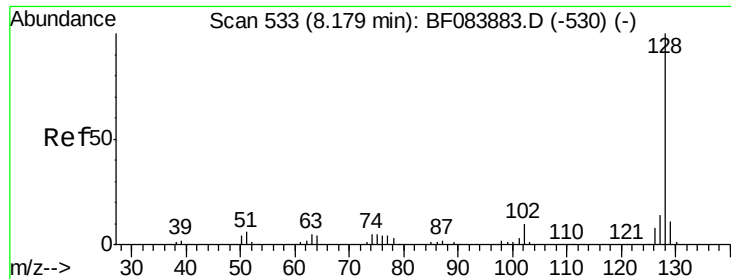
#30
 1,2,4-Trichlorobenzene
 Concen: 38.19 ng
 RT: 8.10 min Scan# 526
 Delta R.T. 0.00 min
 Lab File: BF083911.D
 Acq: 18 Dec 2015 14:25

Tgt Ion:180 Resp: 138629
 Ion Ratio Lower Upper
 180 100
 182 95.9 76.4 114.6
 145 33.7 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

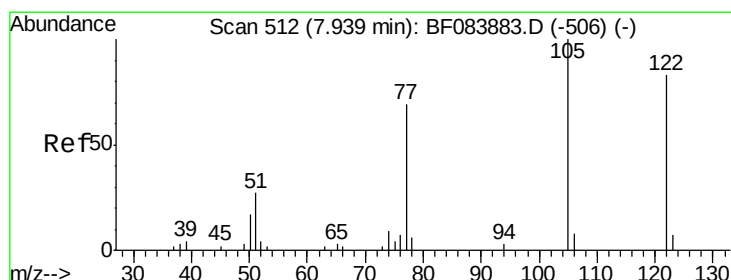
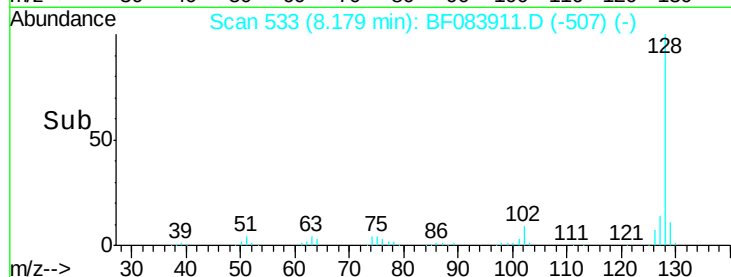
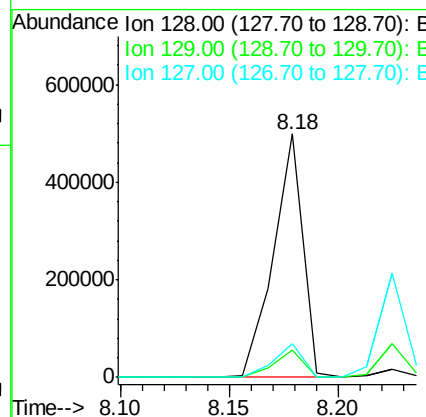
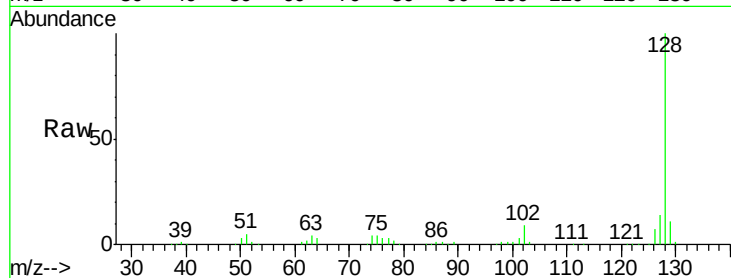




#31
Naphthalene
Concen: 40.62 ng
RT: 8.18 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF083911.D
Acq: 18 Dec 2015 14:25

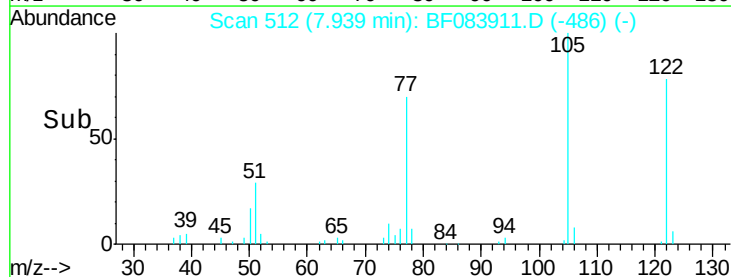
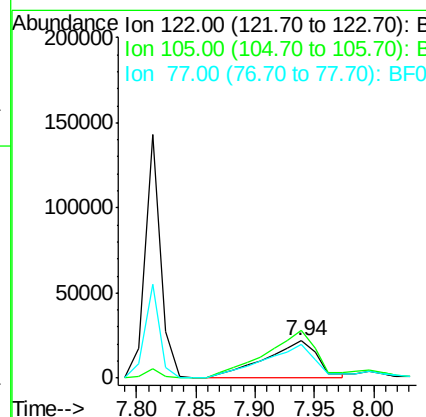
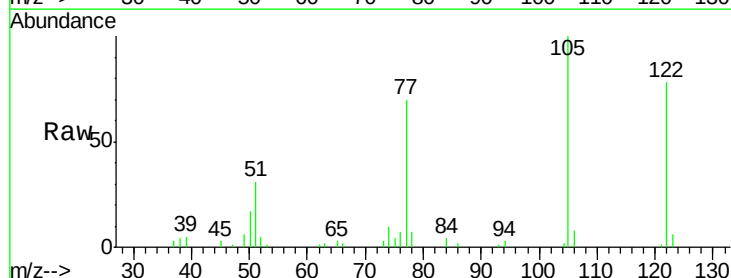
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

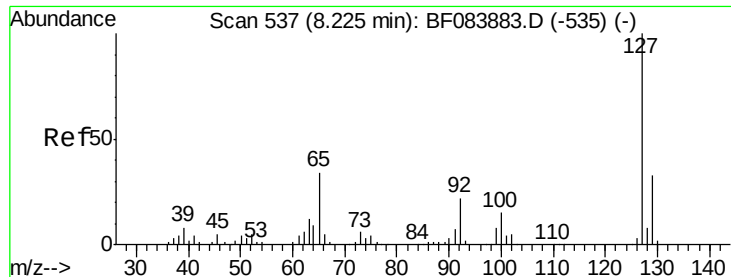
Tgt Ion:128 Resp: 474353
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.6 11.1 16.7



#32
Benzoic acid
Concen: 49.21 ng
RT: 7.94 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF083911.D
Acq: 18 Dec 2015 14:25

Tgt Ion:122 Resp: 68250
Ion Ratio Lower Upper
122 100
105 128.5 100.3 140.3
77 89.7 63.5 103.5

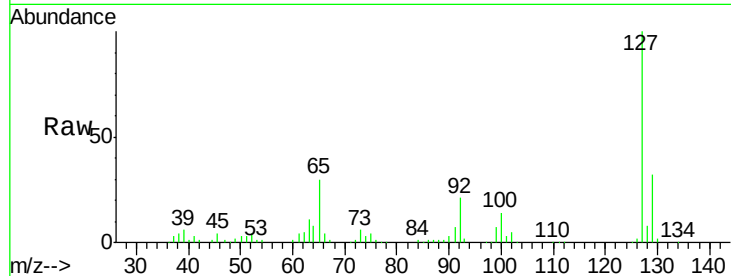




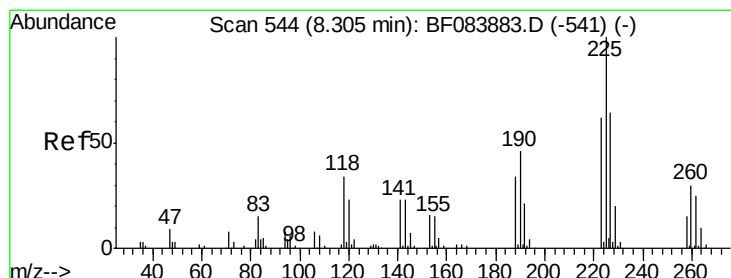
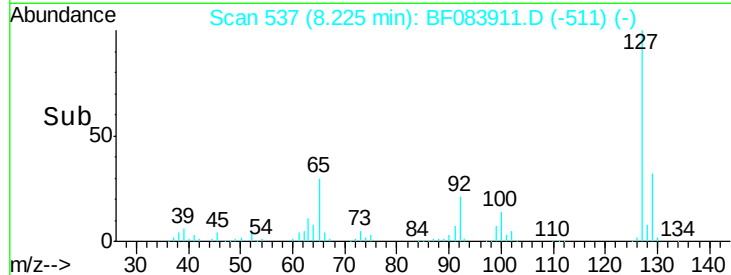
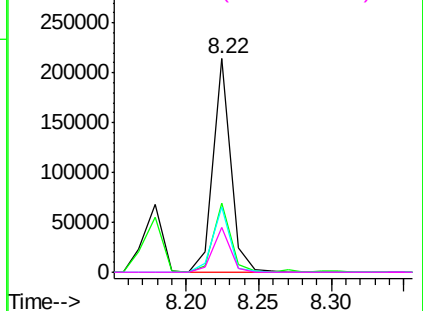
#33
4-Chloroaniline
Concen: 34.62 ng
RT: 8.22 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF083911.D
Acq: 18 Dec 2015 14:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	127	Resp:	181219
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.5	39.7
65	30.5	27.2	40.8
92	21.0	17.7	26.5

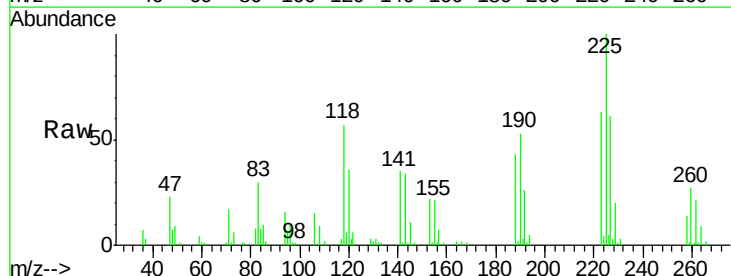


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

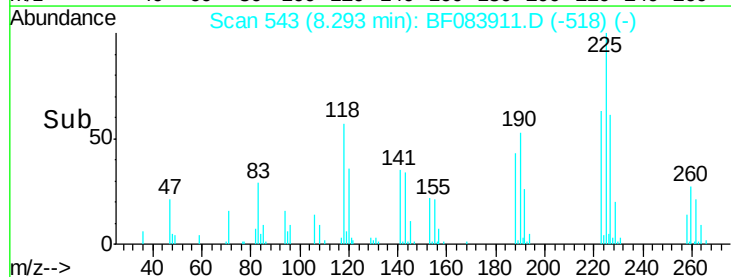
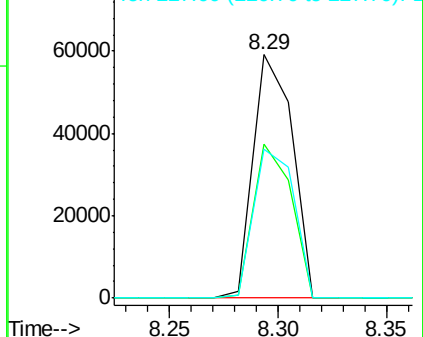


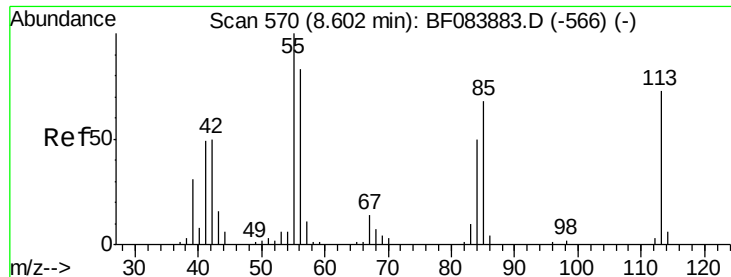
#34
Hexachlorobutadiene
Concen: 32.81 ng
RT: 8.29 min Scan# 543
Delta R.T. -0.01 min
Lab File: BF083911.D
Acq: 18 Dec 2015 14:25

Tgt Ion:	225	Resp:	74374
Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.4	74.0
227	61.4	50.8	76.2



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

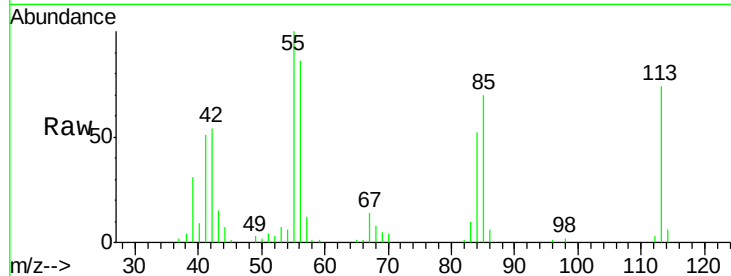




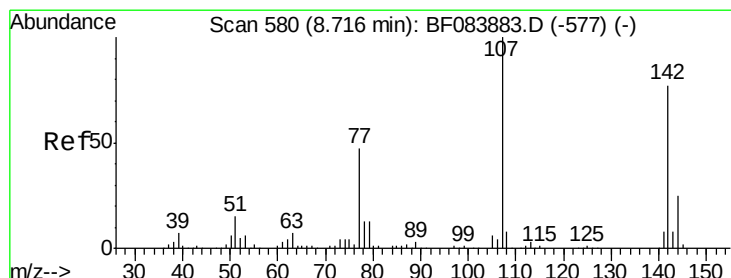
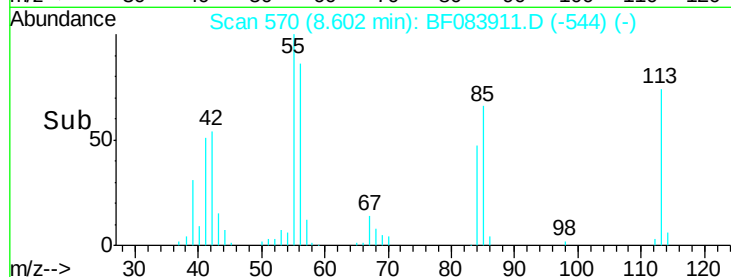
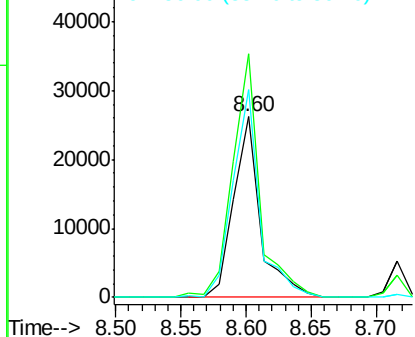
#35
 Caprolactam
 Concen: 33.07 ng
 RT: 8.60 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: BF083911.D
 Acq: 18 Dec 2015 14:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 36928
 Ion Ratio Lower Upper
 113 100
 55 135.0 116.9 156.9
 56 115.5 93.8 133.8

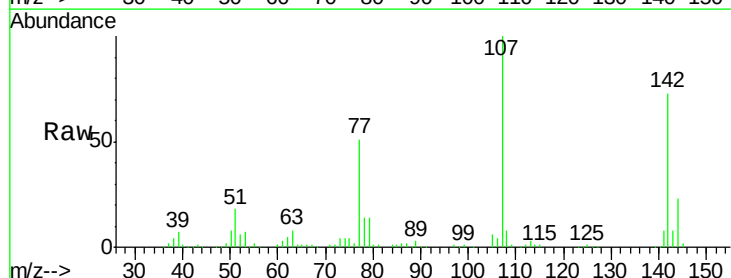


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

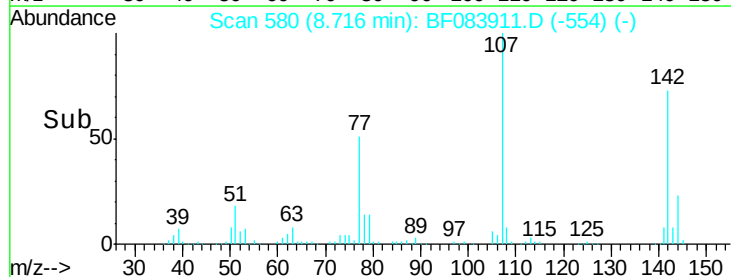
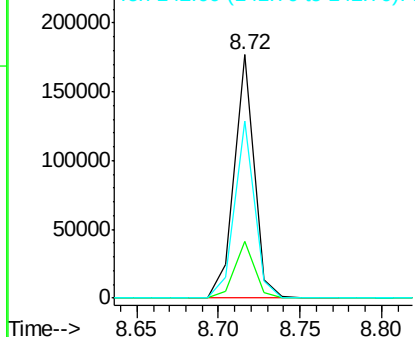


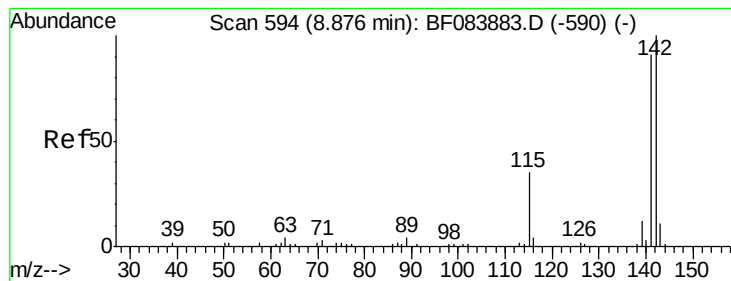
#36
 4-Chloro-3-methylphenol
 Concen: 38.55 ng
 RT: 8.72 min Scan# 580
 Delta R.T. 0.00 min
 Lab File: BF083911.D
 Acq: 18 Dec 2015 14:25

Tgt Ion:107 Resp: 148027
 Ion Ratio Lower Upper
 107 100
 144 23.5 19.7 29.5
 142 72.6 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: 34.54 ng

RT: 8.86 min Scan# 593

Delta R.T. -0.01 min

Lab File: BF083911.D

Acq: 18 Dec 2015 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

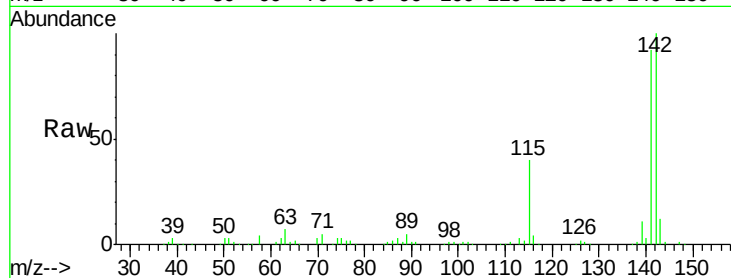
Tgt Ion:142 Resp: 276812

Ion Ratio Lower Upper

142 100

141 91.5 72.4 108.6

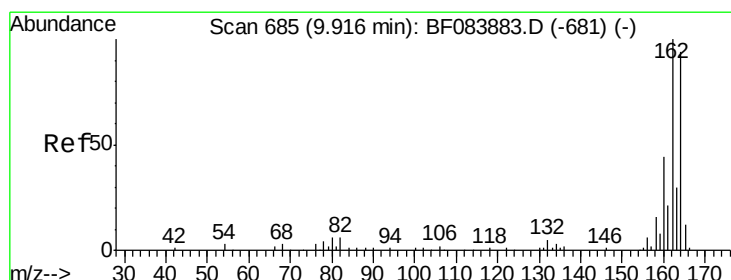
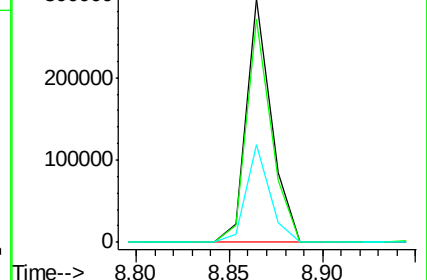
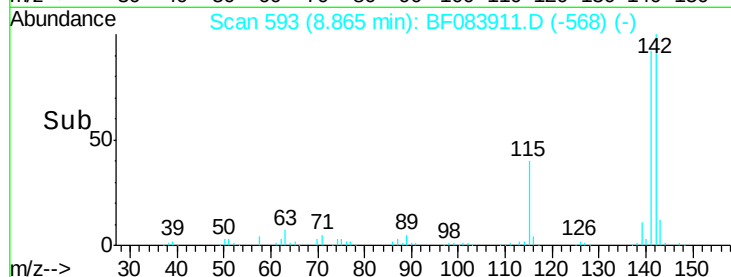
115 40.3 27.9 41.9



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: 9.90 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF083911.D

Acq: 18 Dec 2015 14:25

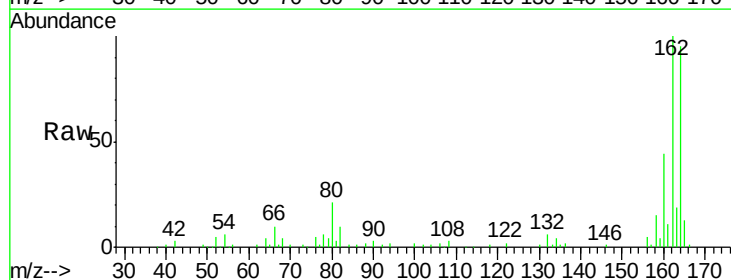
Tgt Ion:164 Resp: 103800

Ion Ratio Lower Upper

164 100

162 104.7 85.1 127.7

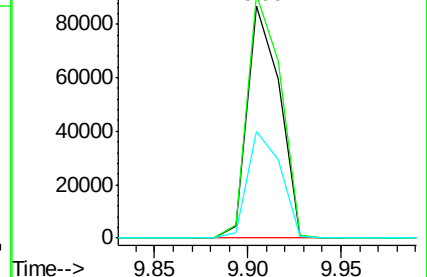
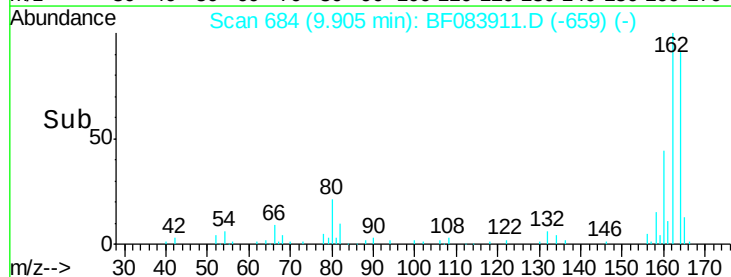
160 45.8 37.5 56.3

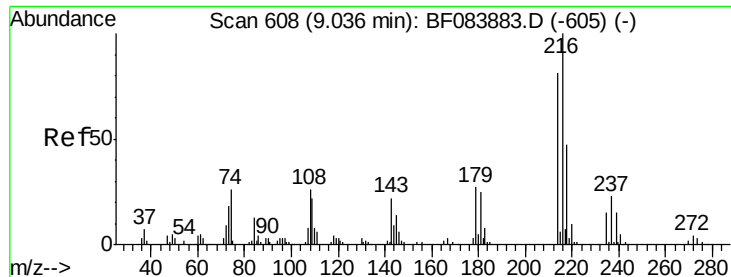


Abundance Ion 164.00 (163.70 to 164.70): E

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: 39.65 ng

RT: 9.04 min Scan# 608

Delta R.T. 0.00 min

Lab File: BF083911.D

Acq: 18 Dec 2015 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 129781

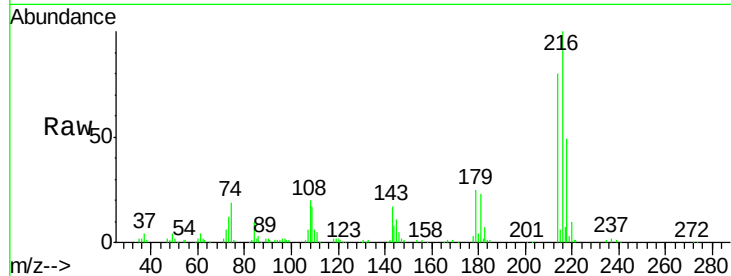
Ion Ratio Lower Upper

216 100

214 80.1 64.2 96.2

179 24.4 18.7 28.1

108 21.5 16.8 25.2

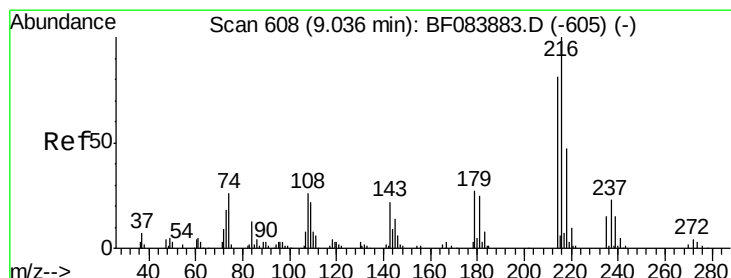
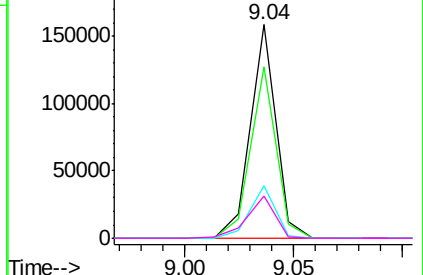
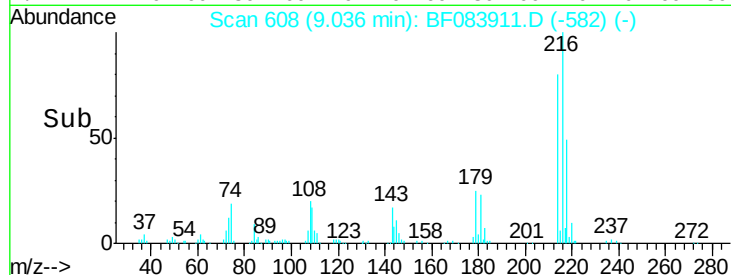


Abundance Ion 216.00 (215.70 to 216.70): E

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: 34.11 ng

RT: 9.02 min Scan# 607

Delta R.T. -0.01 min

Lab File: BF083911.D

Acq: 18 Dec 2015 14:25

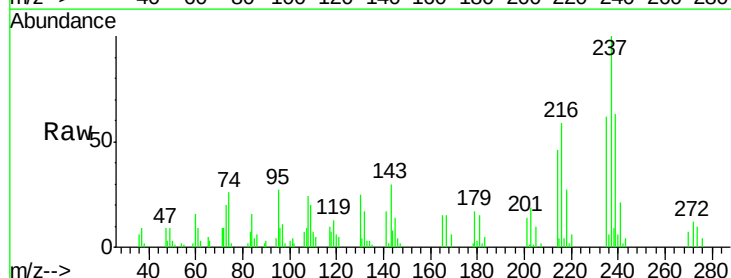
Tgt Ion:237 Resp: 23914

Ion Ratio Lower Upper

237 100

235 61.9 43.1 83.1

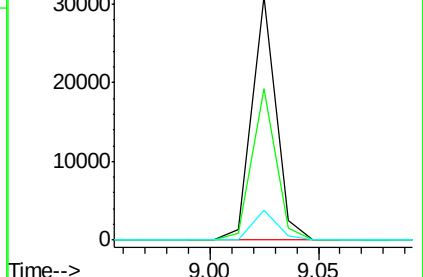
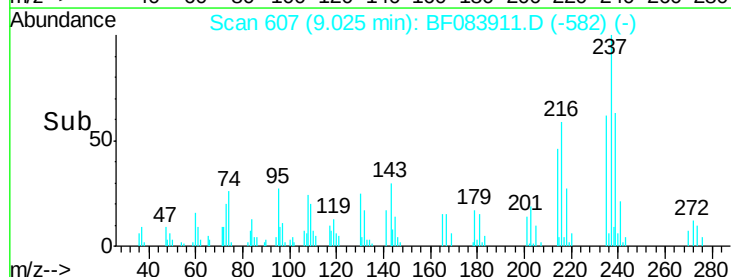
272 12.0 0.0 35.1

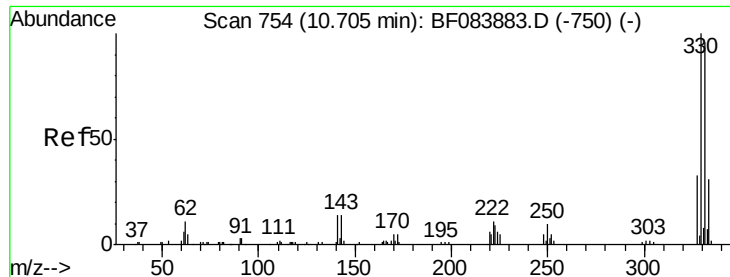


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

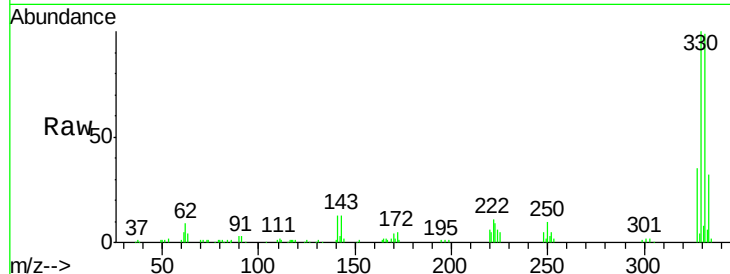




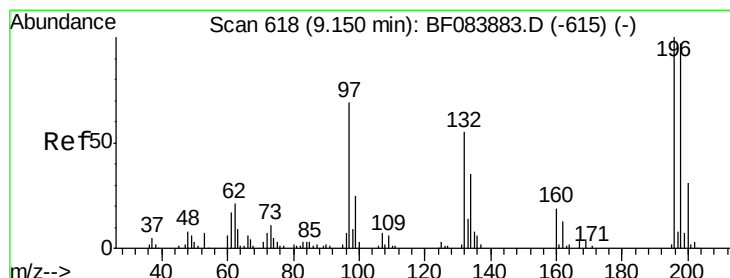
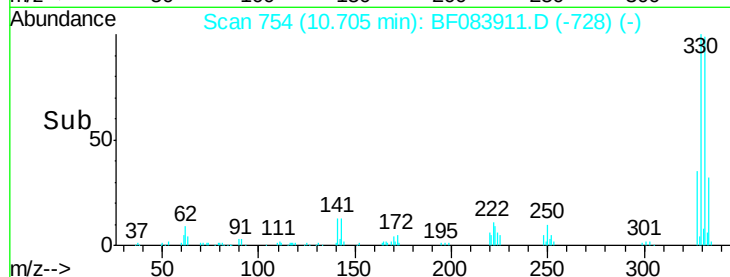
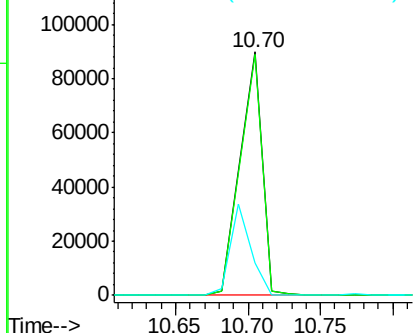
#41
 2,4,6-Tribromophenol
 Concen: 83.90 ng
 RT: 10.70 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BF083911.D
 Acq: 18 Dec 2015 14:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 95938
 Ion Ratio Lower Upper
 330 100
 332 98.6 76.6 114.8
 141 34.7 27.8 41.6

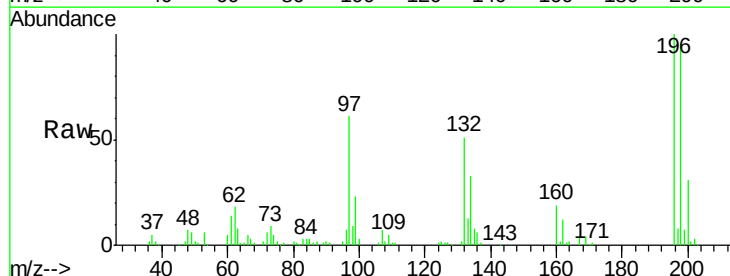


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

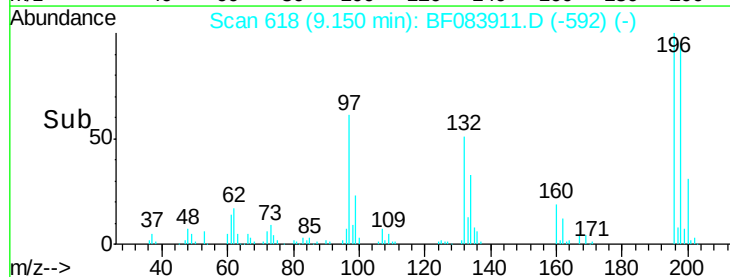
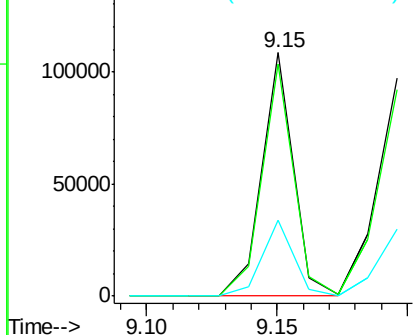


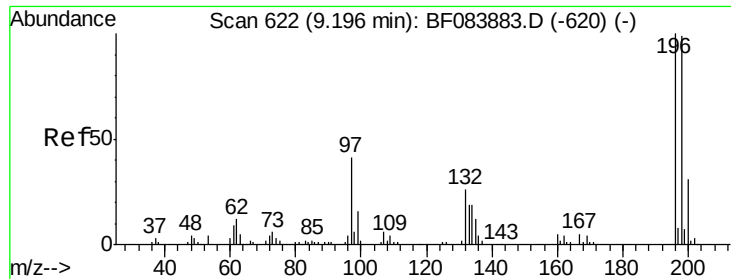
#42
 2,4,6-Trichlorophenol
 Concen: 41.96 ng
 RT: 9.15 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF083911.D
 Acq: 18 Dec 2015 14:25

Tgt Ion:196 Resp: 90663
 Ion Ratio Lower Upper
 196 100
 198 95.3 77.7 116.5
 200 31.3 24.6 37.0



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

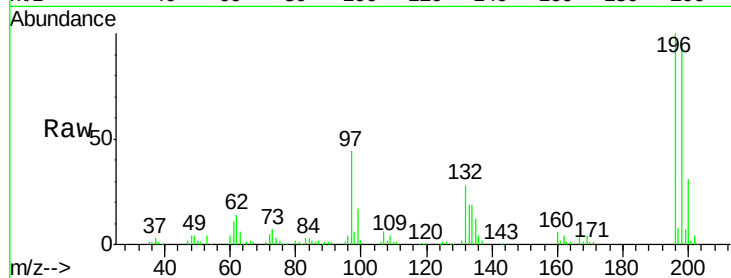




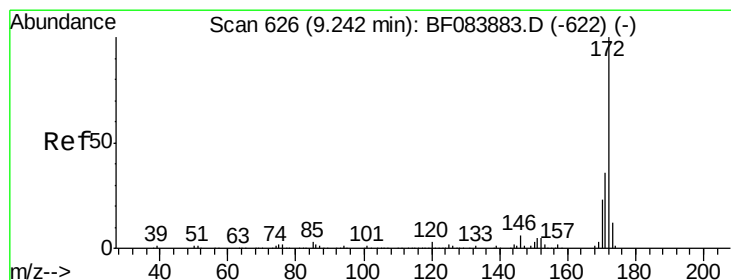
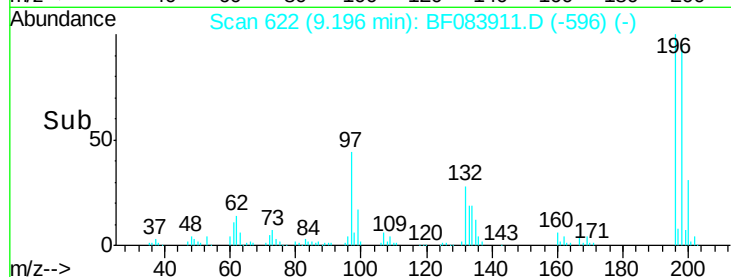
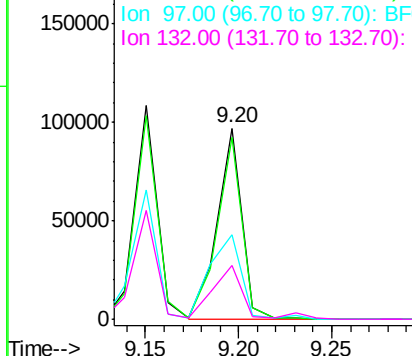
#43
 2,4,5-Trichlorophenol
 Concen: 42.26 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF083911.D
 Acq: 18 Dec 2015 14:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 90371
 Ion Ratio Lower Upper
 196 100
 198 95.0 79.0 118.6
 97 44.2 33.0 49.6
 132 28.1 21.1 31.7

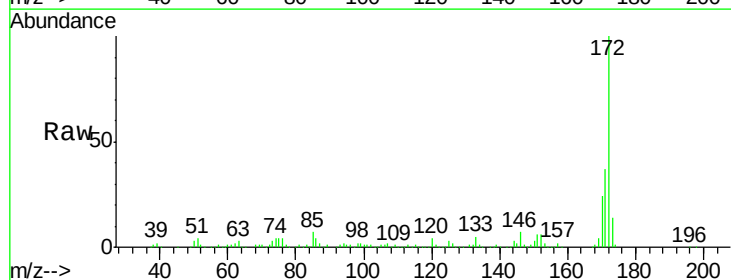


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

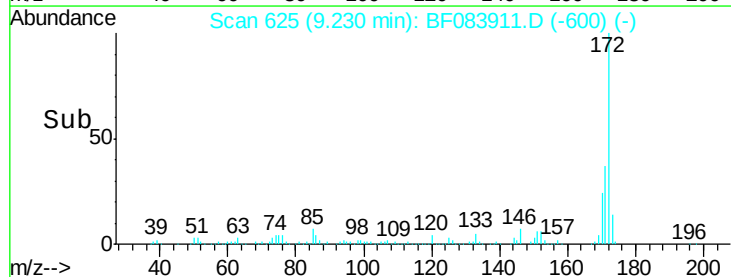
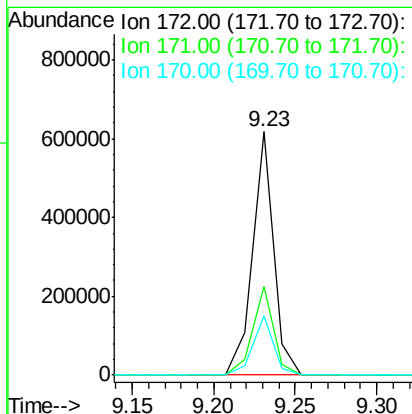


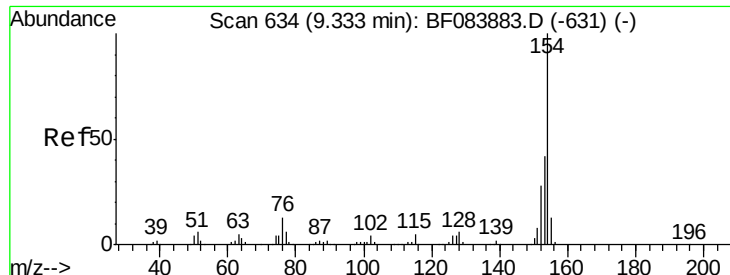
#44
 2-Fluorobiphenyl
 Concen: 73.25 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF083911.D
 Acq: 18 Dec 2015 14:25

Tgt Ion:172 Resp: 553452
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.9 43.3
 170 24.5 18.6 27.8



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





#45

1,1'-Biphenyl

Concen: 45.12 ng

RT: 9.33 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF083911.D

Acq: 18 Dec 2015 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

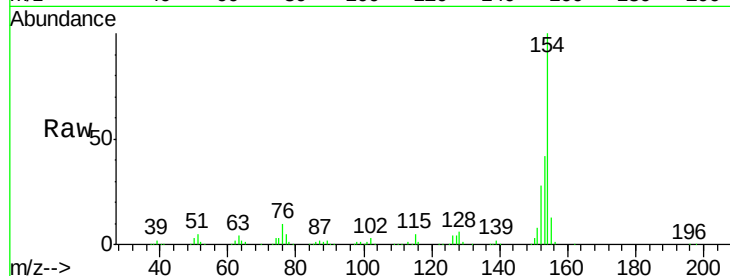
Tgt Ion:154 Resp: 392971

Ion Ratio Lower Upper

154 100

153 41.8 21.6 61.6

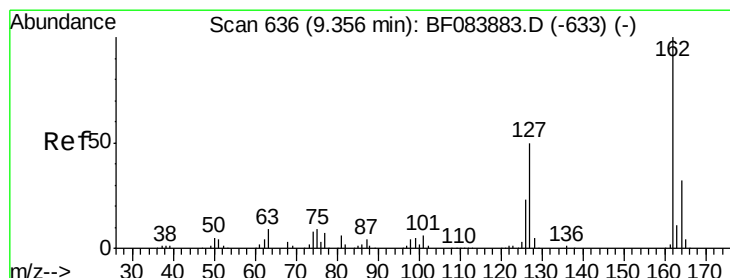
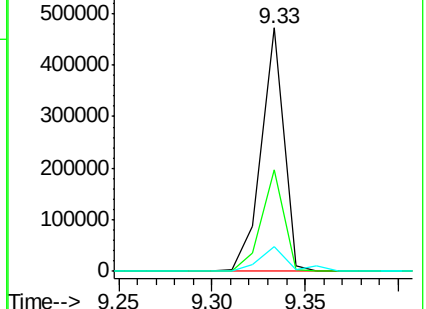
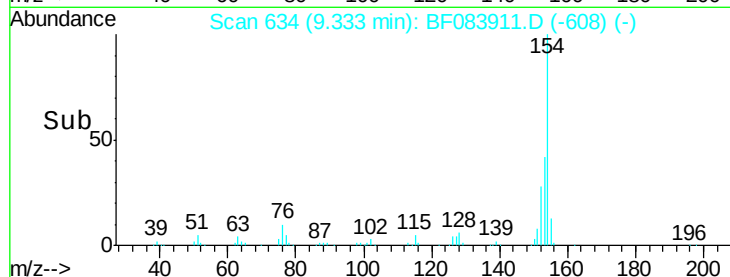
76 10.2 0.0 32.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 40.51 ng

RT: 9.36 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF083911.D

Acq: 18 Dec 2015 14:25

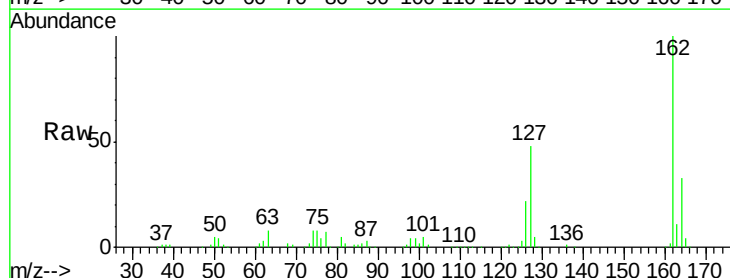
Tgt Ion:162 Resp: 277486

Ion Ratio Lower Upper

162 100

127 48.0 40.2 60.4

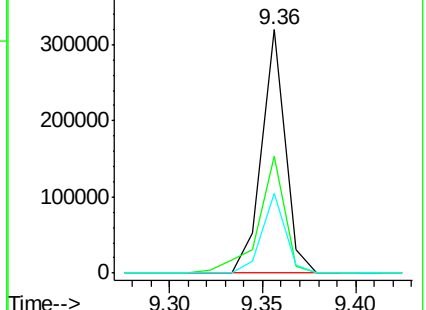
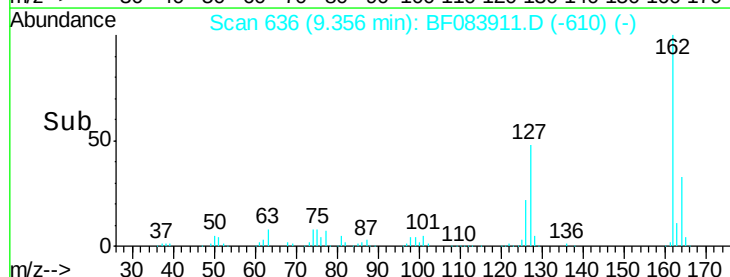
164 32.9 25.7 38.5

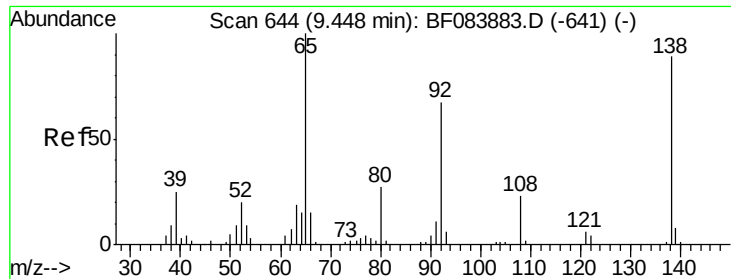


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

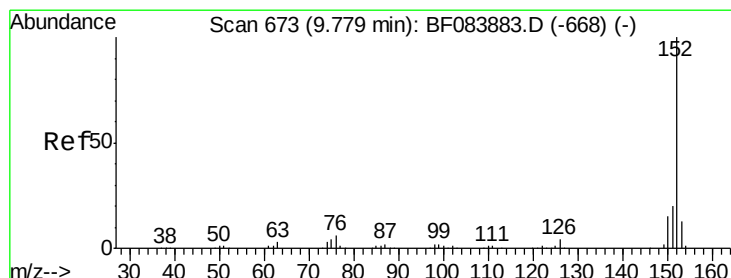
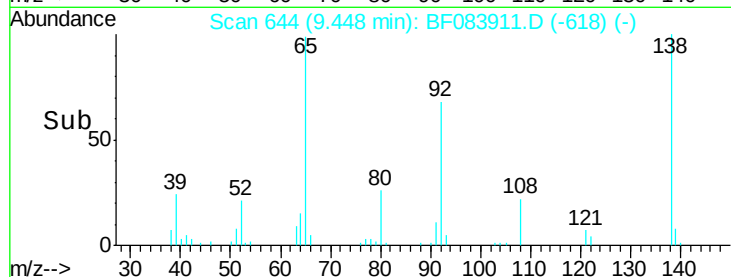
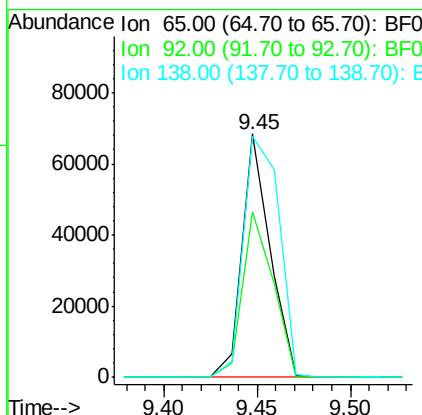
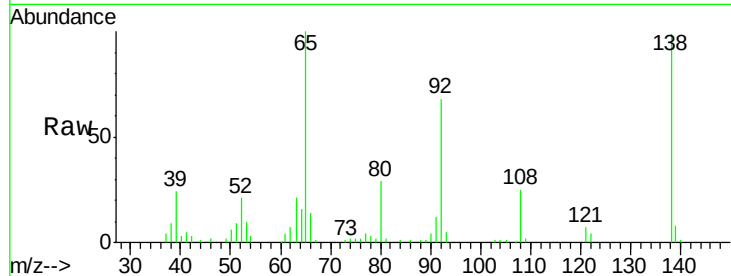




#47
 2-Nitroaniline
 Concen: 34.76 ng
 RT: 9.45 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: BF083911.D
 Acq: 18 Dec 2015 14:25

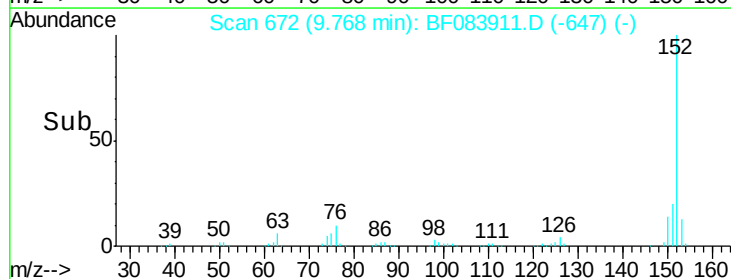
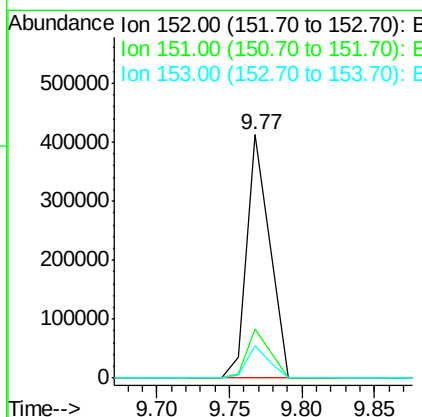
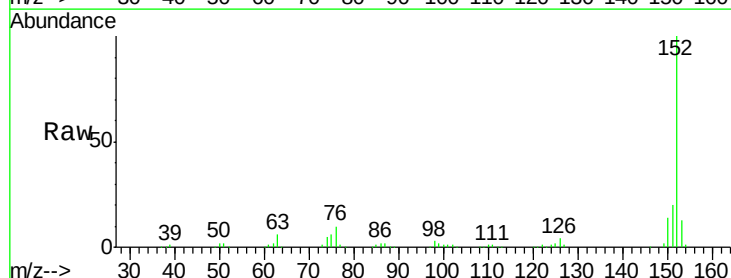
Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

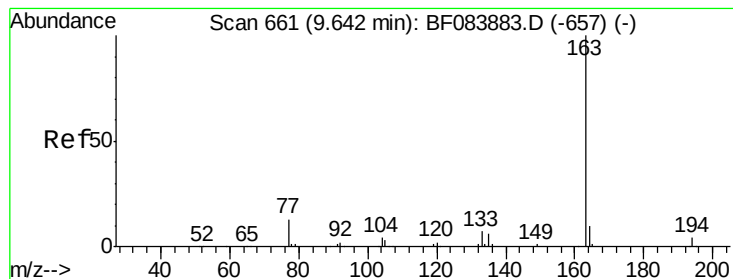
Tgt Ion: 65 Resp: 71351
 Ion Ratio Lower Upper
 65 100
 92 67.8 53.4 80.2
 138 99.1 71.1 106.7



#48
 Acenaphthylene
 Concen: 37.20 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.01 min
 Lab File: BF083911.D
 Acq: 18 Dec 2015 14:25

Tgt Ion: 152 Resp: 450226
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.3 24.5
 153 13.1 10.4 15.6





#49

Dimethylphthalate

Concen: 37.90 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.01 min

Lab File: BF083911.D

Acq: 18 Dec 2015 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

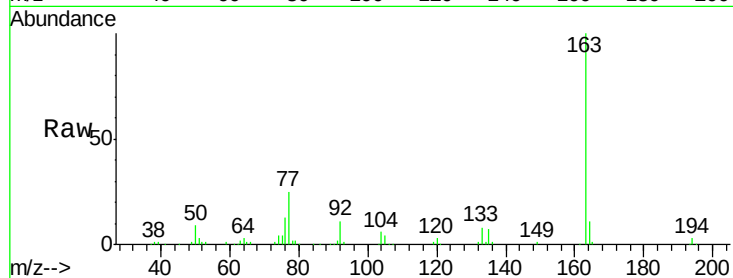
Tgt Ion:163 Resp: 330092

Ion Ratio Lower Upper

163 100

194 3.0 8.0 12.0#

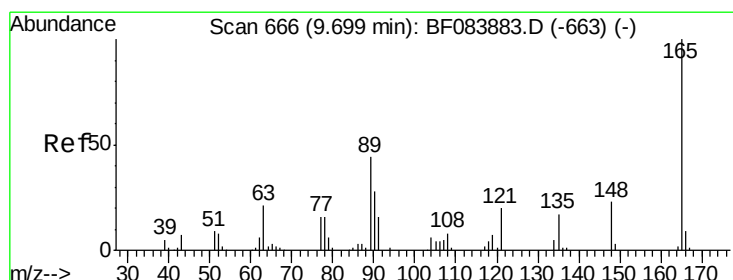
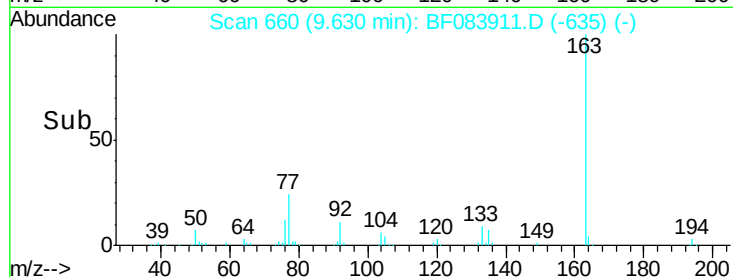
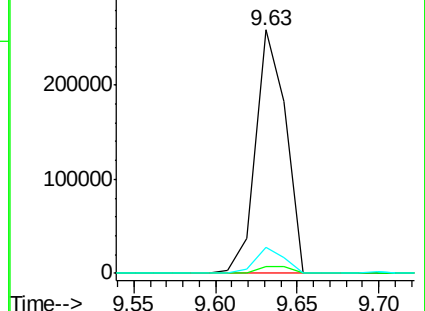
164 10.6 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 40.94 ng

RT: 9.70 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF083911.D

Acq: 18 Dec 2015 14:25

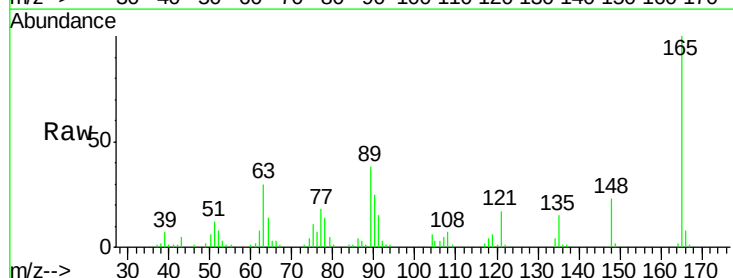
Tgt Ion:165 Resp: 77789

Ion Ratio Lower Upper

165 100

63 30.5 28.8 43.2

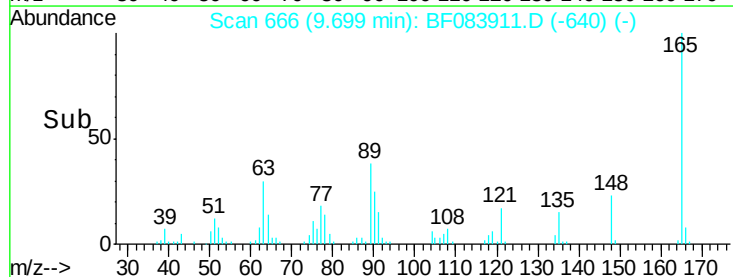
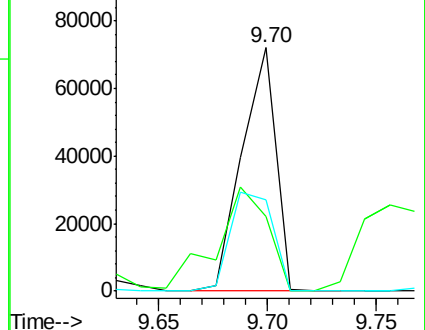
89 37.6 35.1 52.7

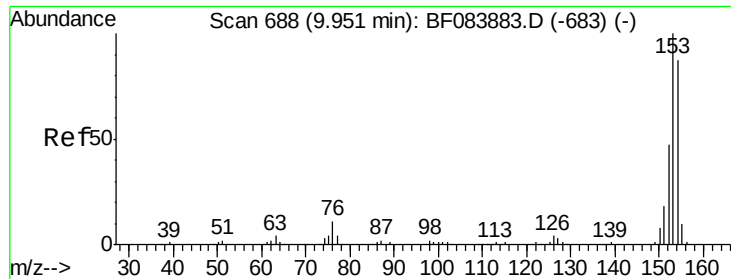


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

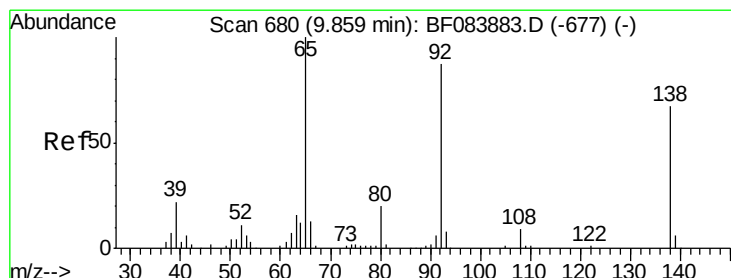
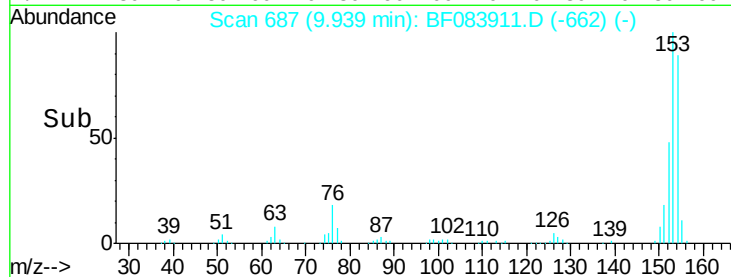
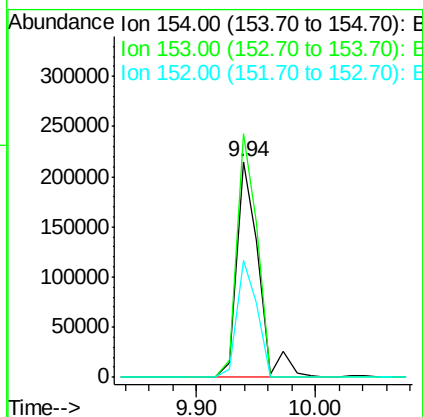
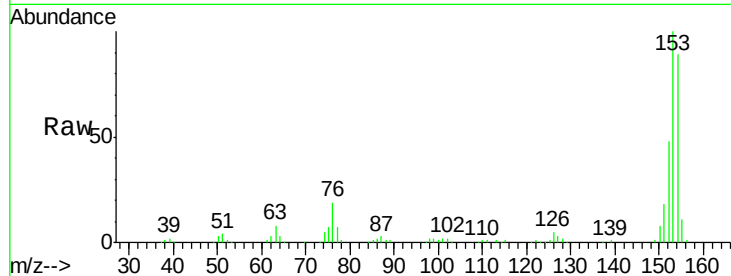




#51
Acenaphthene
Concen: 36.99 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF083911.D
Acq: 18 Dec 2015 14:25

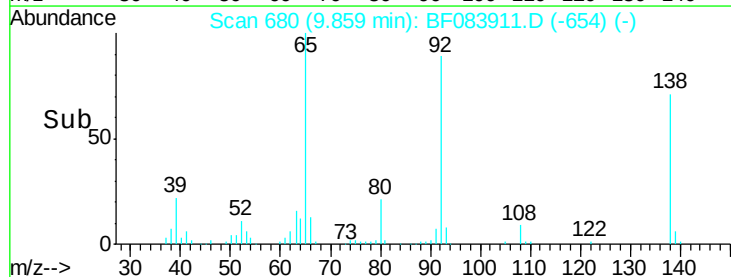
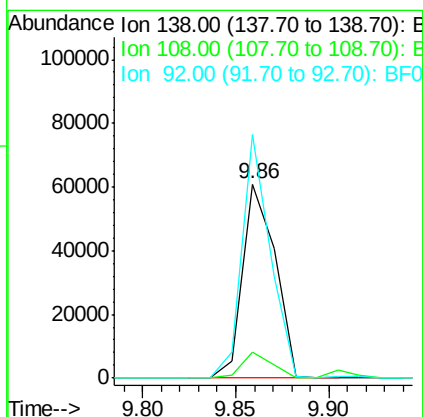
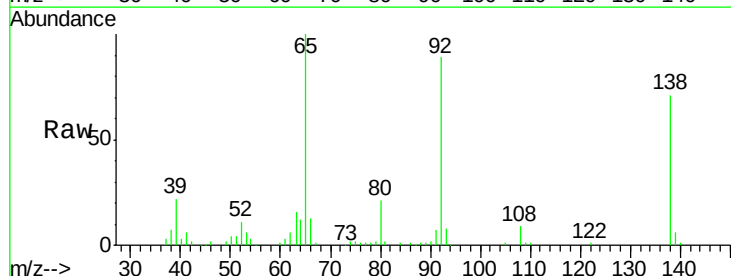
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

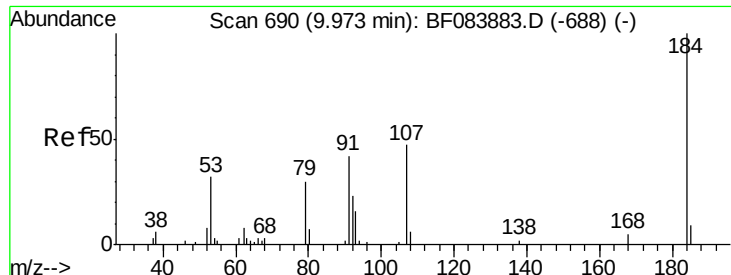
Tgt Ion:154 Resp: 275238
Ion Ratio Lower Upper
154 100
153 112.9 91.5 137.3
152 54.4 43.0 64.6



#52
3-Nitroaniline
Concen: 36.87 ng
RT: 9.86 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF083911.D
Acq: 18 Dec 2015 14:25

Tgt Ion:138 Resp: 73843
Ion Ratio Lower Upper
138 100
108 13.4 10.5 15.7
92 125.4 103.9 155.9

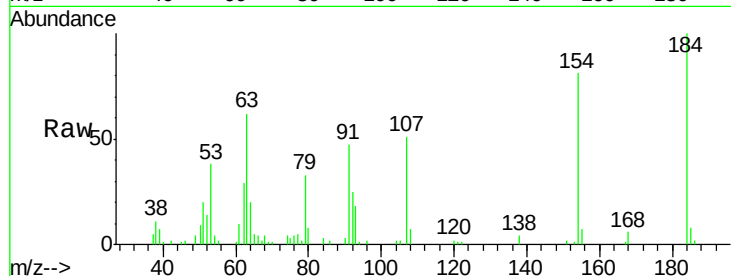




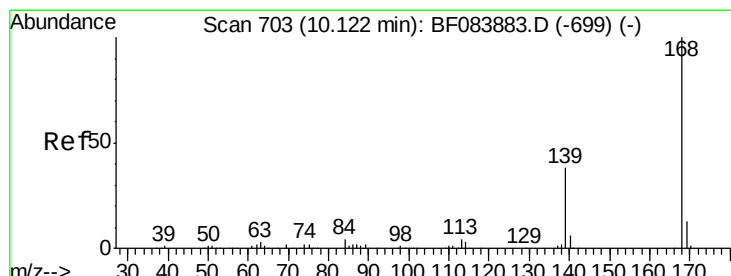
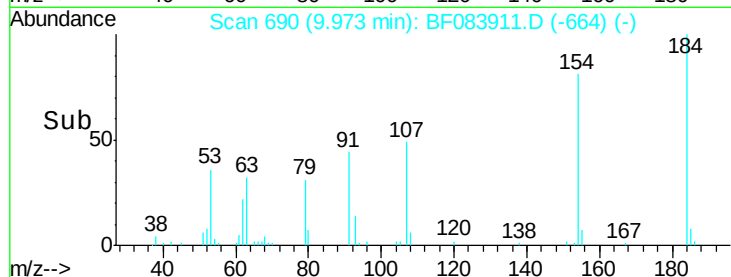
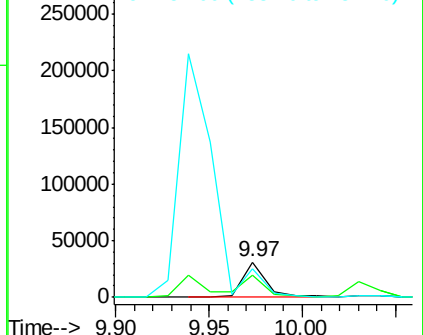
#53
2,4-Dinitrophenol
Concen: 46.79 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF083911.D
Acq: 18 Dec 2015 14:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 28574
Ion Ratio Lower Upper
184 100
63 62.2 43.1 64.7
154 81.3 60.5 90.7

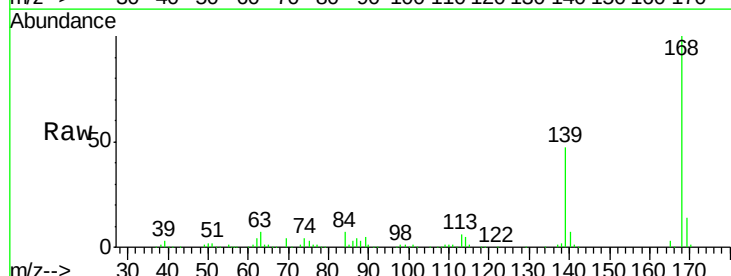


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

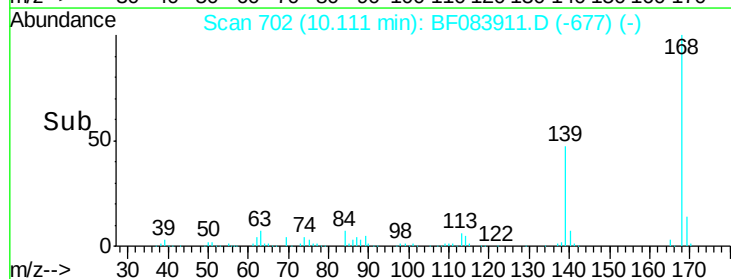
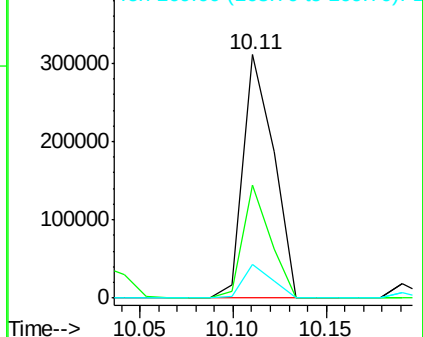


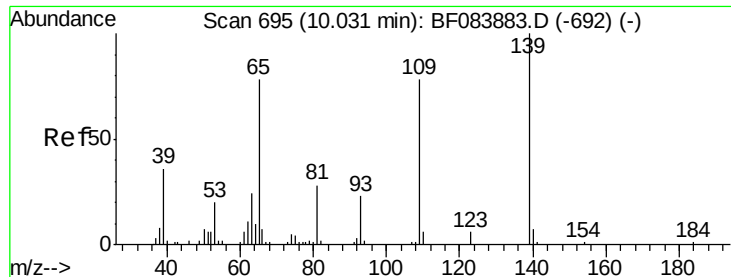
#54
Dibenzofuran
Concen: 36.52 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.01 min
Lab File: BF083911.D
Acq: 18 Dec 2015 14:25

Tgt Ion:168 Resp: 352915
Ion Ratio Lower Upper
168 100
139 46.6 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

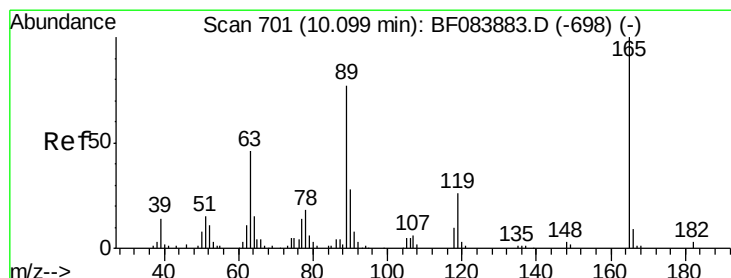
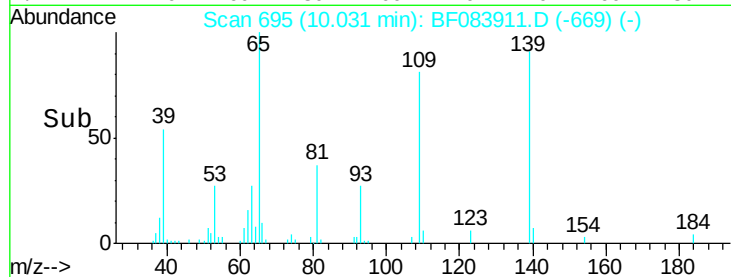
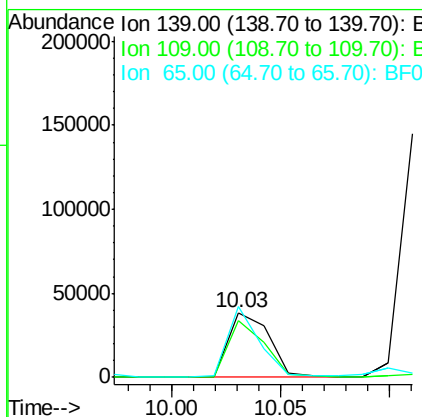
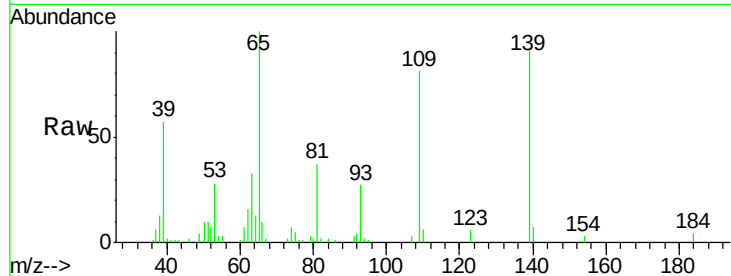




#55
4-Nitrophenol
Concen: 39.87 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF083911.D
Acq: 18 Dec 2015 14:25

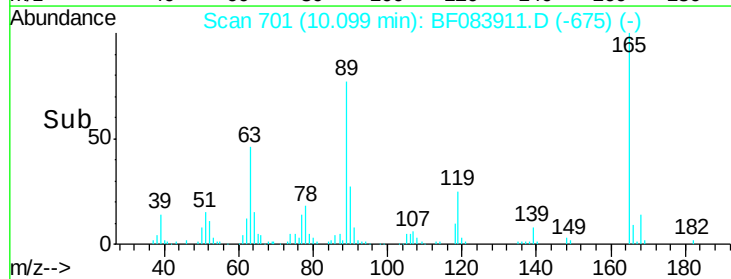
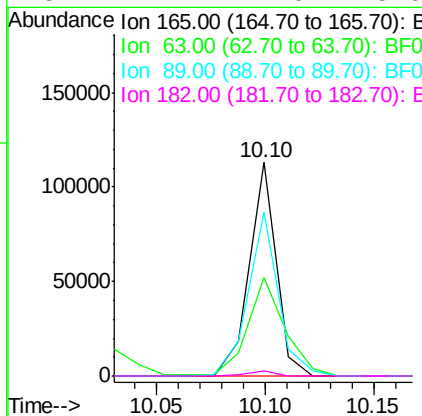
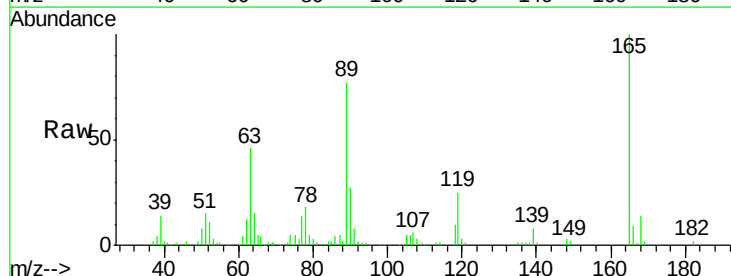
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

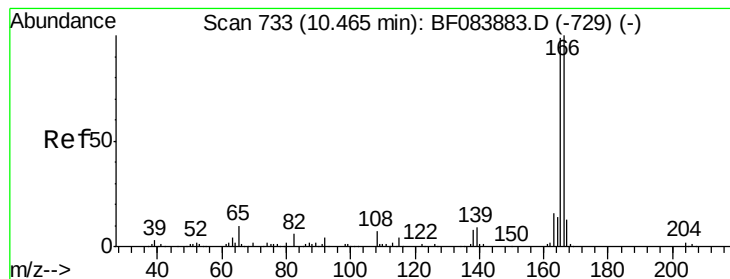
Tgt Ion:139 Resp: 49847
Ion Ratio Lower Upper
139 100
109 88.5 58.5 98.5
65 109.6 57.6 97.6#



#56
2,4-Dinitrotoluene
Concen: 39.76 ng
RT: 10.10 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF083911.D
Acq: 18 Dec 2015 14:25

Tgt Ion:165 Resp: 96826
Ion Ratio Lower Upper
165 100
63 46.0 36.7 55.1
89 76.9 61.9 92.9
182 2.4 2.0 3.0





#57

Fluorene

Concen: 39.31 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF083911.D

Acq: 18 Dec 2015 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

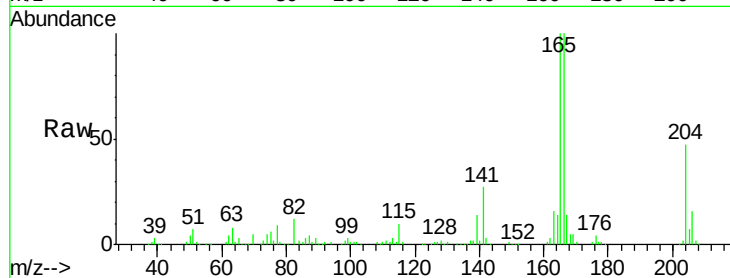
Tgt Ion:166 Resp: 291729

Ion Ratio Lower Upper

166 100

165 99.8 79.1 118.7

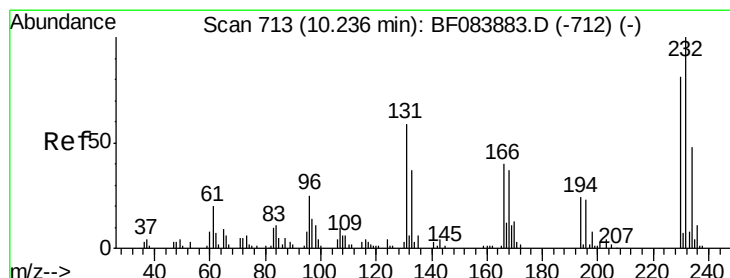
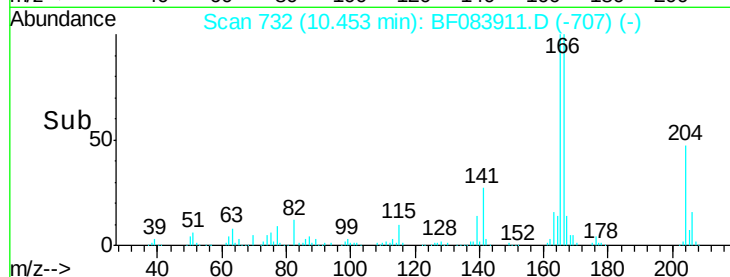
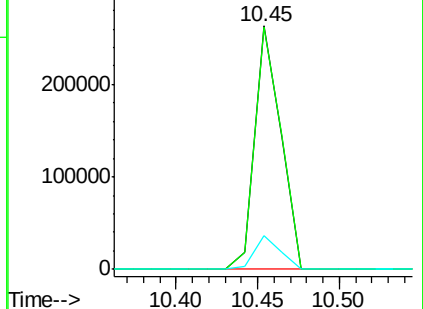
167 13.9 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.69 ng

RT: 10.24 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF083911.D

Acq: 18 Dec 2015 14:25

Tgt Ion:232 Resp: 65967

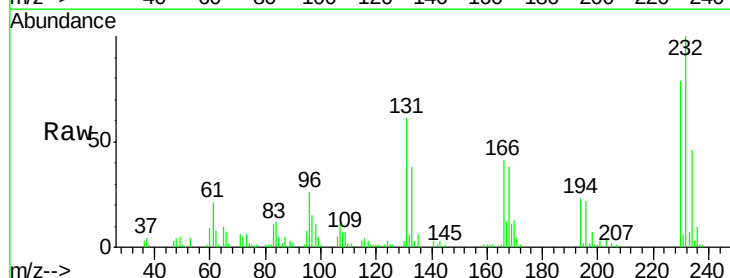
Ion Ratio Lower Upper

232 100

131 58.0 47.0 70.6

130 2.6 2.0 3.0

166 37.5 30.5 45.7

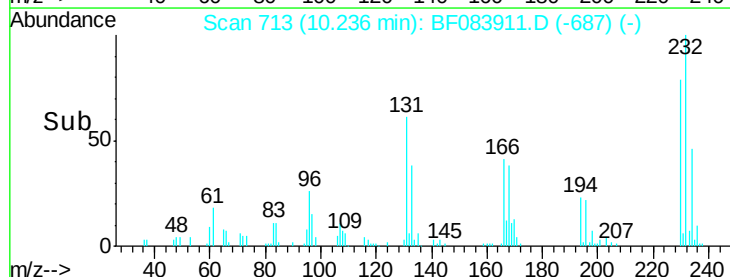
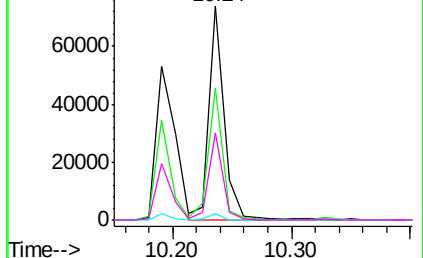


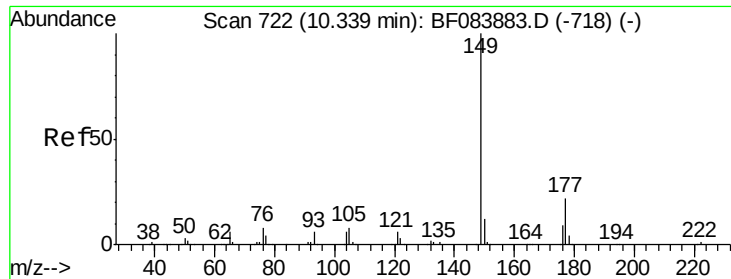
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

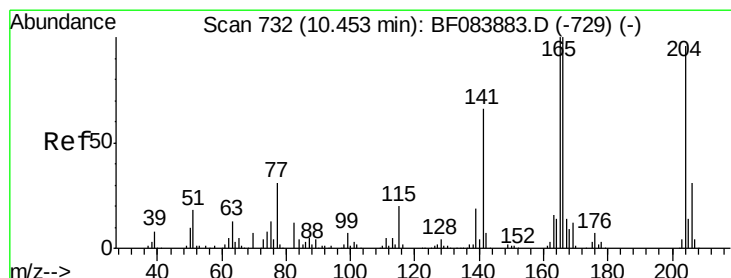
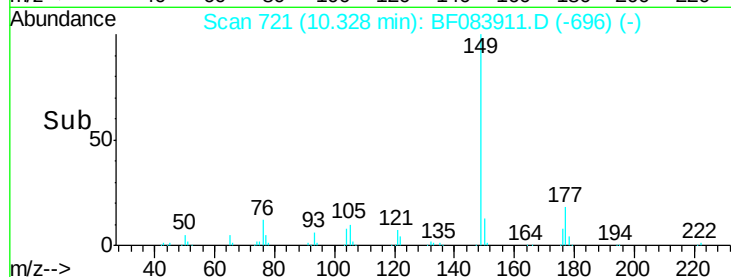
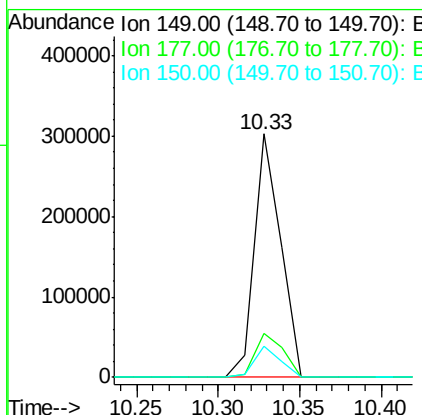
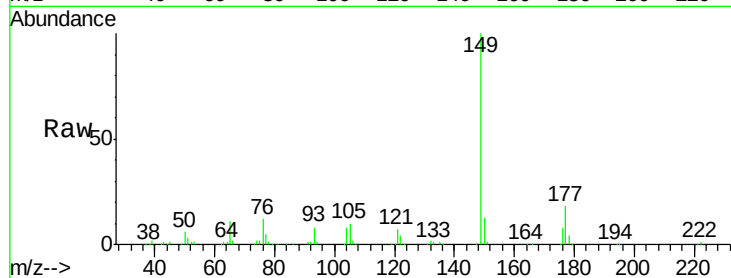




#59
Diethylphthalate
Concen: 37.48 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF083911.D
Acq: 18 Dec 2015 14:25

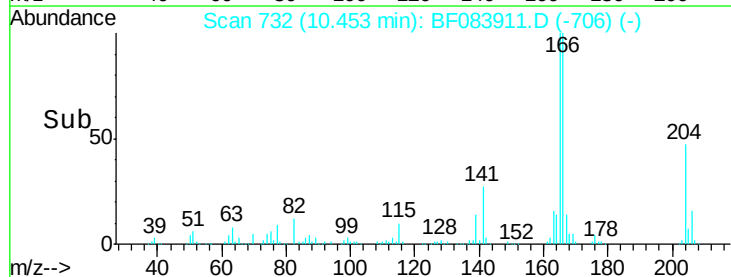
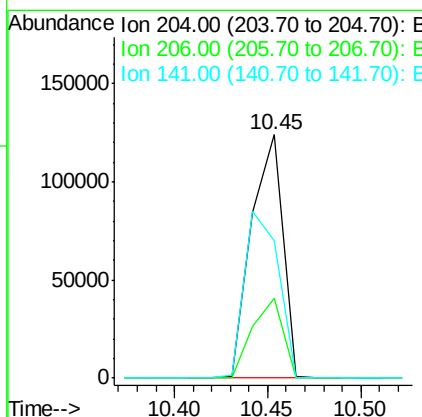
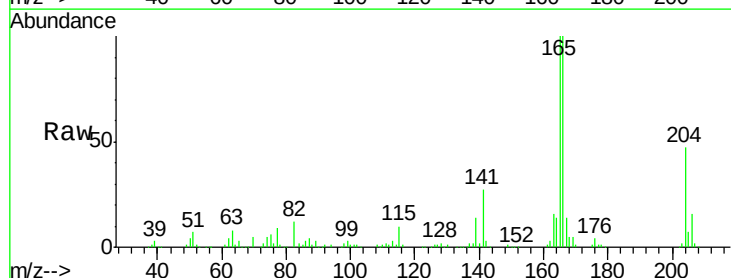
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

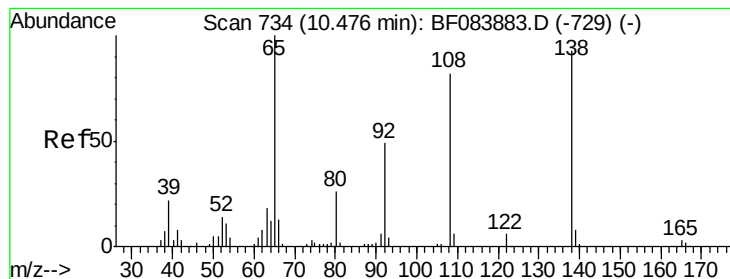
Tgt Ion:149 Resp: 337501
Ion Ratio Lower Upper
149 100
177 18.2 17.3 25.9
150 12.6 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 38.86 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF083911.D
Acq: 18 Dec 2015 14:25

Tgt Ion:204 Resp: 143911
Ion Ratio Lower Upper
204 100
206 32.9 25.7 38.5
141 56.4 55.1 82.7





#61

4-Nitroaniline

Concen: 35.35 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF083911.D

Acq: 18 Dec 2015 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

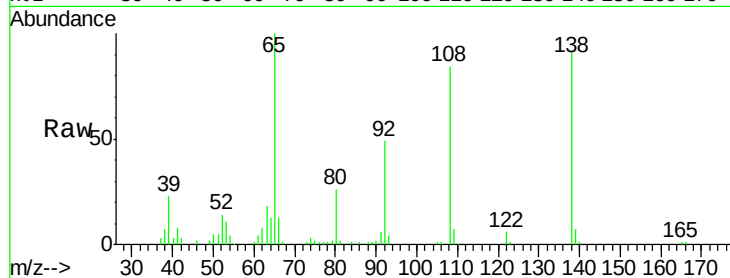
Tgt Ion:138 Resp: 73254

Ion Ratio Lower Upper

138 100

92 53.2 32.6 72.6

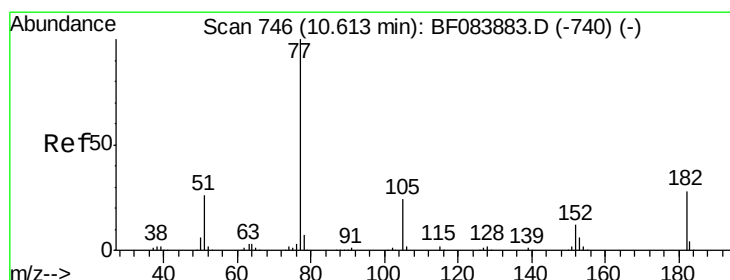
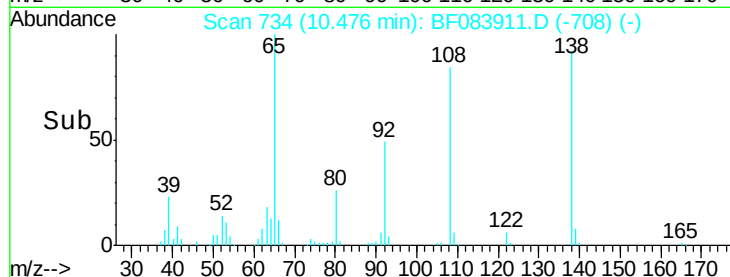
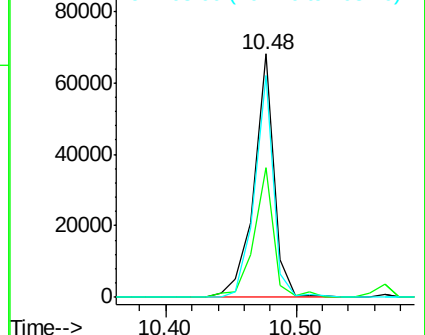
108 91.4 68.6 108.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.10 ng

RT: 10.60 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF083911.D

Acq: 18 Dec 2015 14:25

Tgt Ion: 77 Resp: 302665

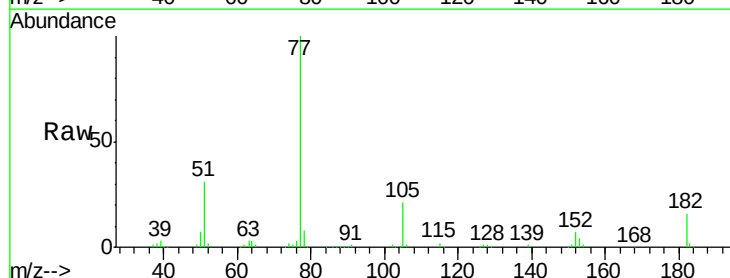
Ion Ratio Lower Upper

77 100

182 15.7 8.3 48.3

105 21.3 4.6 44.6

51 30.8 6.2 46.2

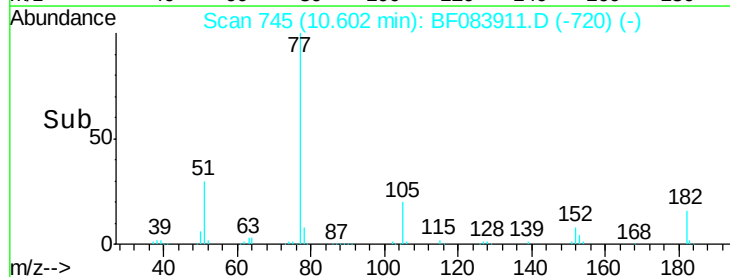
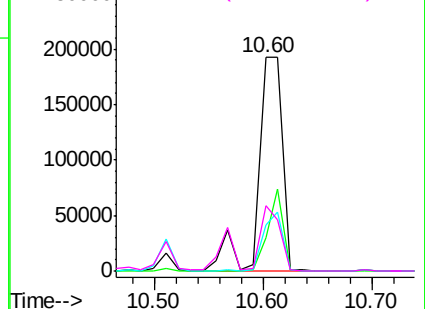


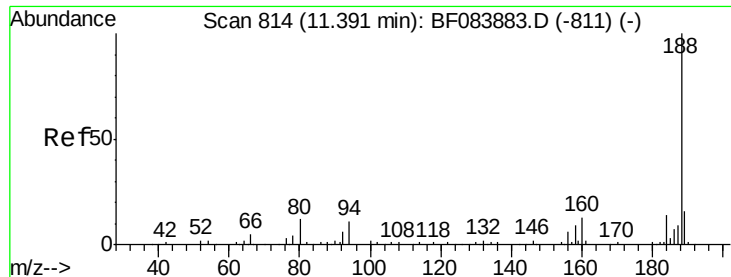
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

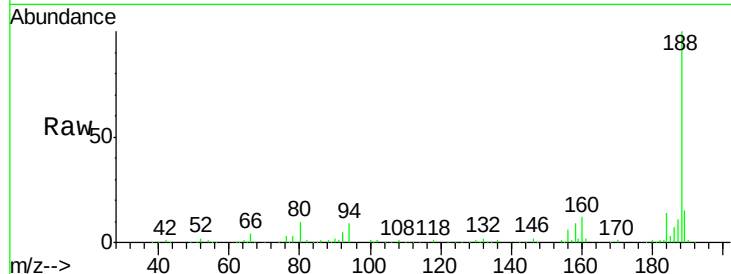




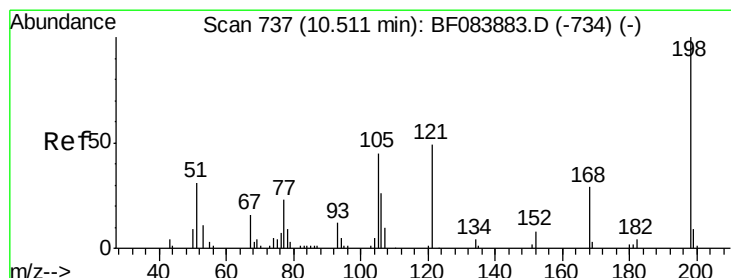
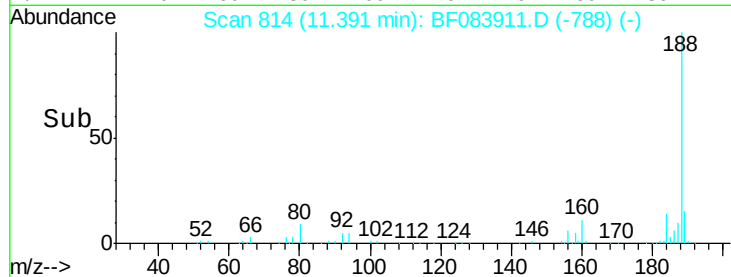
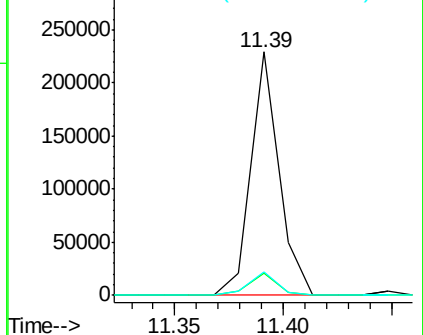
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF083911.D
Acq: 18 Dec 2015 14:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	9.0	13.4#
80	9.5	9.6	14.4#

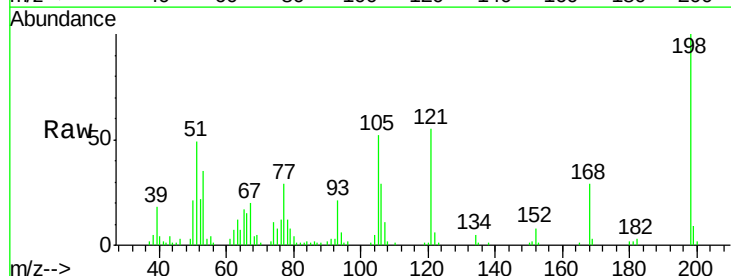


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

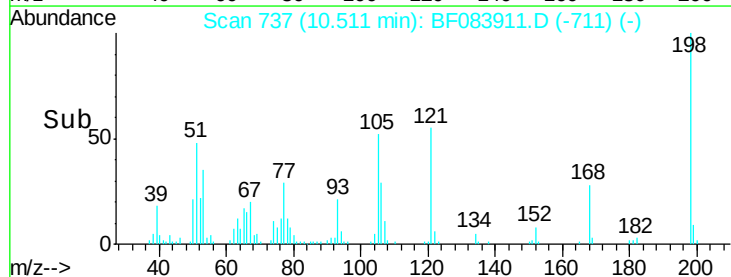
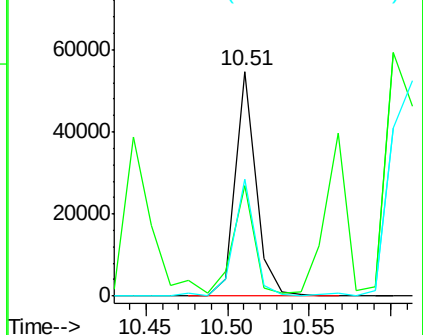


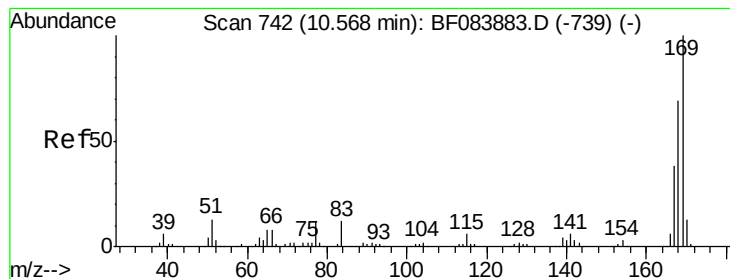
#64
4,6-Dinitro-2-methylphenol
Concen: 38.61 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF083911.D
Acq: 18 Dec 2015 14:25

Tgt Ion	Ratio	Lower	Upper
198	100		
51	49.0	18.9	58.9
105	52.1	26.4	66.4



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 36.10 ng

RT: 10.57 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF083911.D

Acq: 18 Dec 2015 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

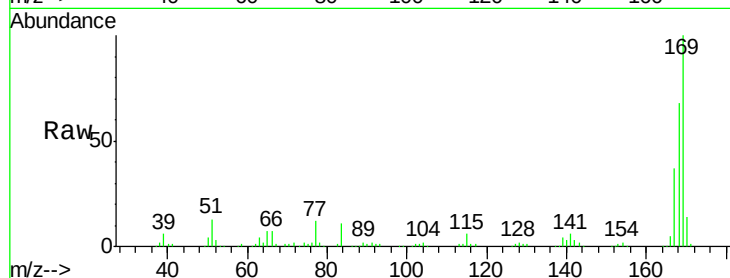
Tgt Ion:169 Resp: 270416

Ion Ratio Lower Upper

169 100

168 68.3 55.1 82.7

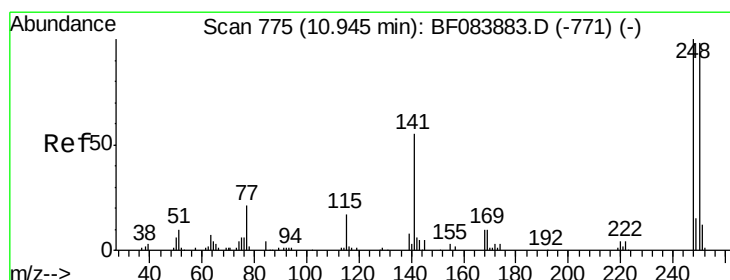
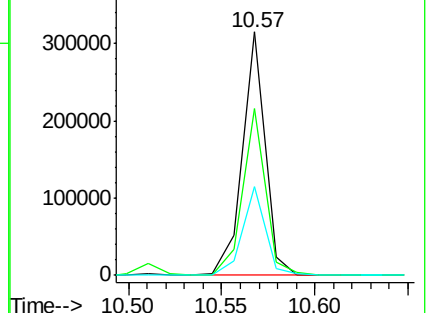
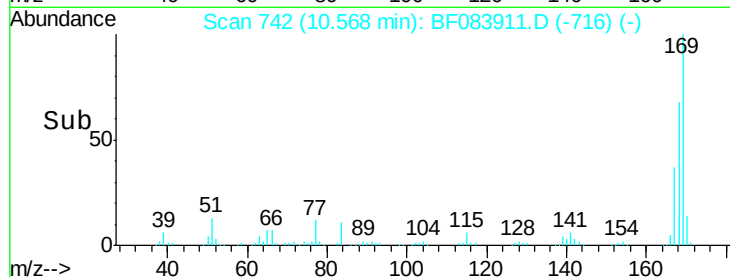
167 36.6 30.0 45.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 33.70 ng

RT: 10.93 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF083911.D

Acq: 18 Dec 2015 14:25

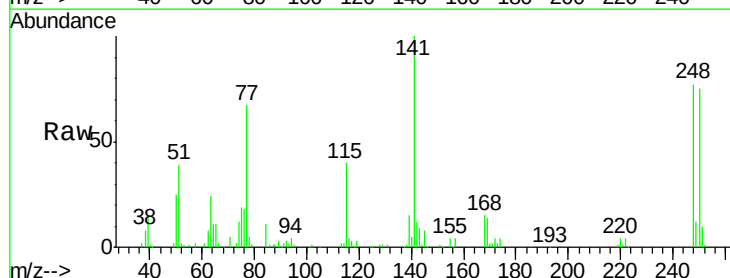
Tgt Ion:248 Resp: 84803

Ion Ratio Lower Upper

248 100

250 97.4 78.4 117.6

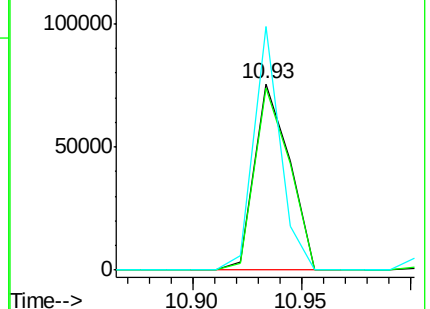
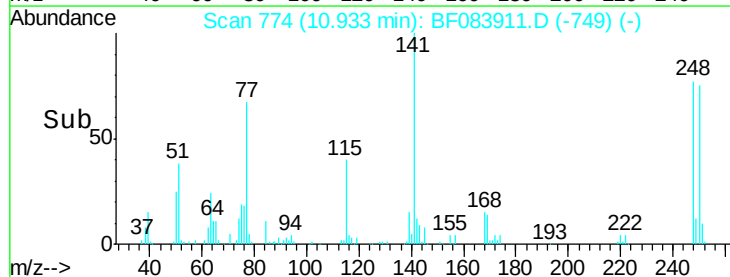
141 130.5 44.0 66.0#

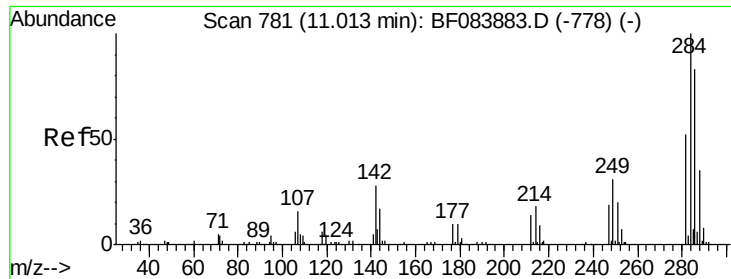


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

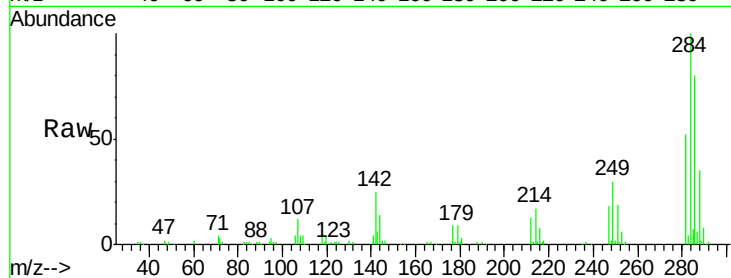




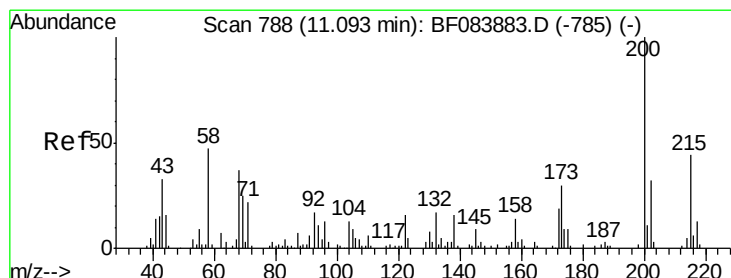
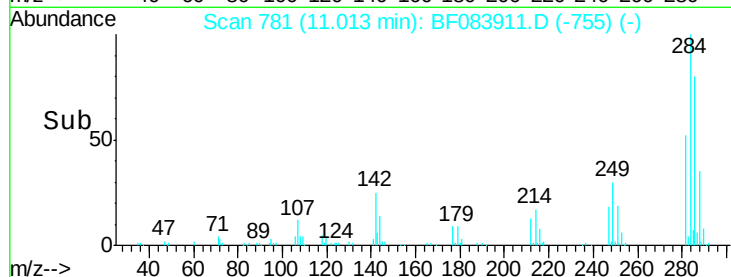
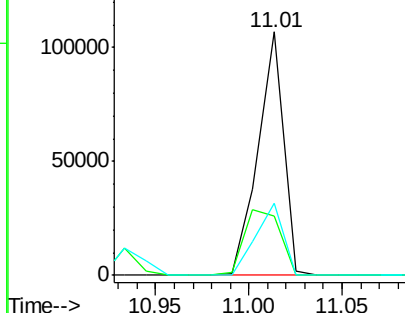
#67
Hexachlorobenzene
Concen: 38.18 ng
RT: 11.01 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF083911.D
Acq: 18 Dec 2015 14:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:284 Resp: 101169
Ion Ratio Lower Upper
284 100
142 24.6 22.2 33.4
249 29.5 24.6 37.0

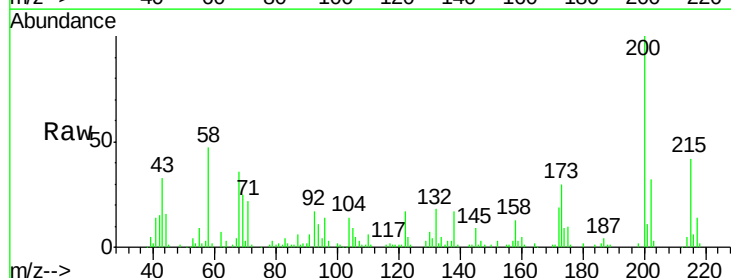


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

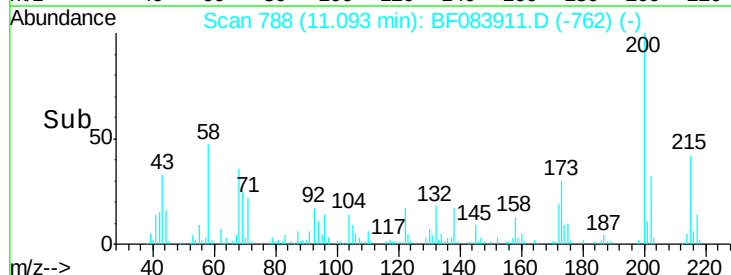
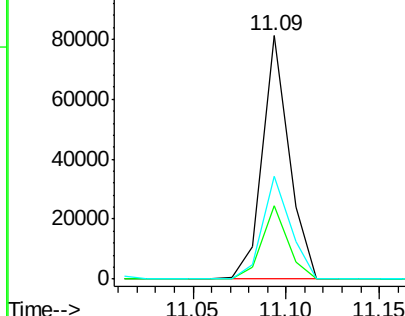


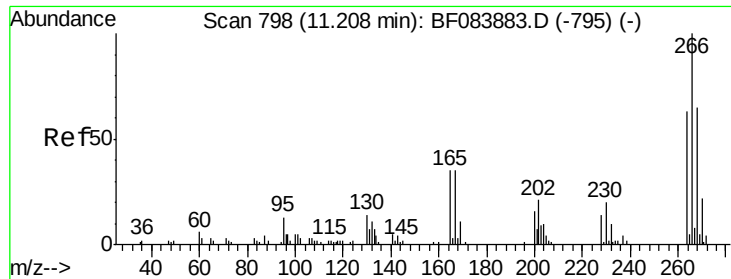
#68
Atrazine
Concen: 33.72 ng
RT: 11.09 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF083911.D
Acq: 18 Dec 2015 14:25

Tgt Ion:200 Resp: 80009
Ion Ratio Lower Upper
200 100
173 30.2 9.5 49.5
215 42.0 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

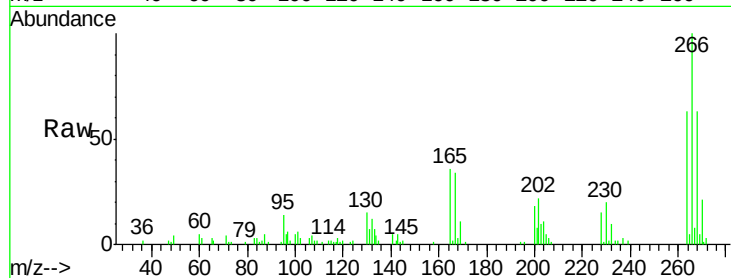




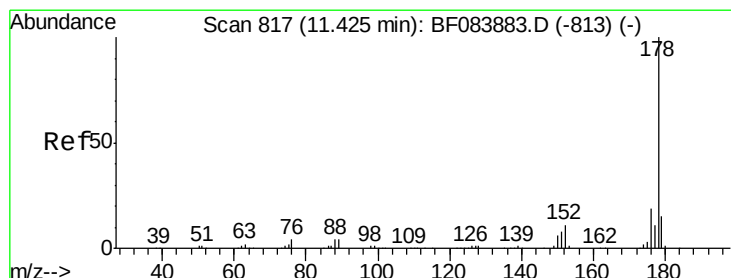
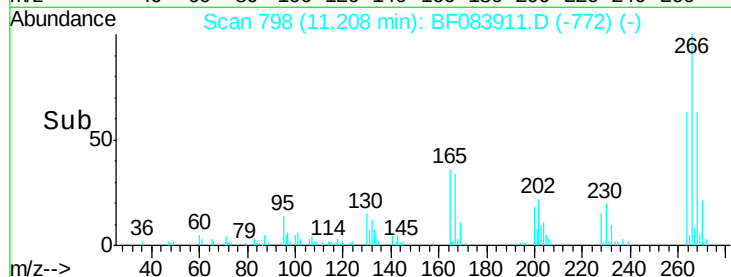
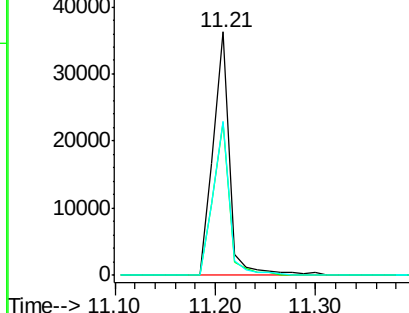
#69
 Pentachlorophenol
 Concen: 39.22 ng
 RT: 11.21 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF083911.D
 Acq: 18 Dec 2015 14:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:266 Resp: 41230
 Ion Ratio Lower Upper
 266 100
 268 62.7 52.4 78.6
 264 63.2 50.2 75.2

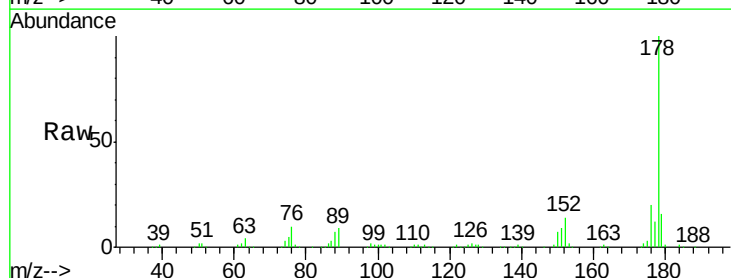


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

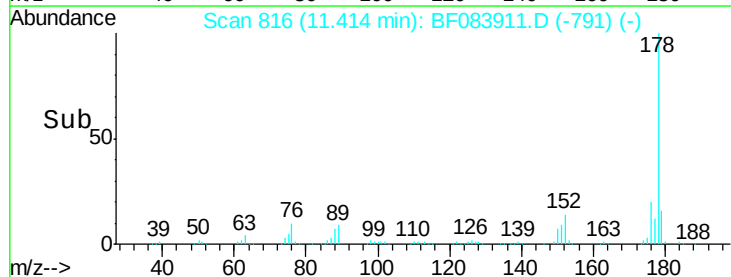
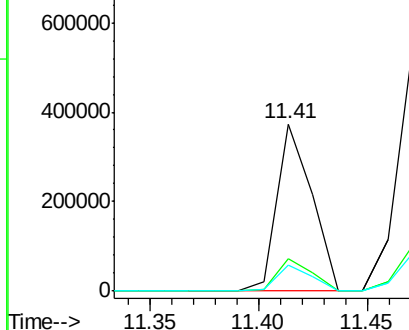


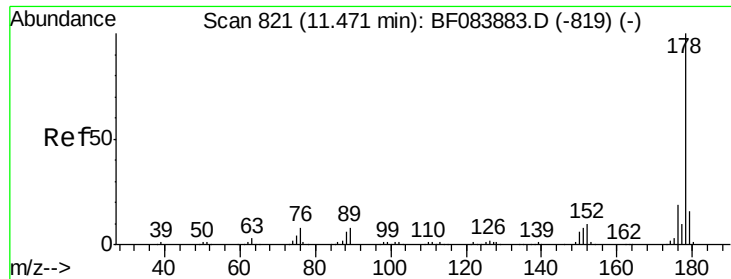
#70
 Phenanthrene
 Concen: 33.68 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF083911.D
 Acq: 18 Dec 2015 14:25

Tgt Ion:178 Resp: 418879
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.3 22.9
 179 16.0 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

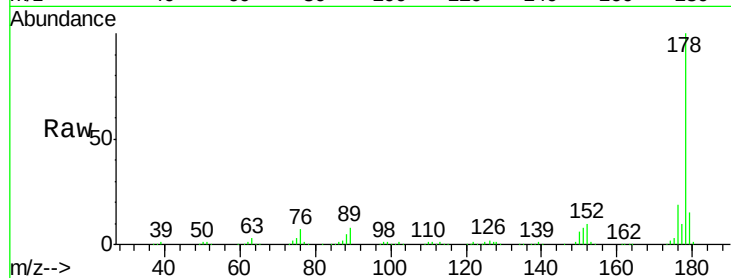




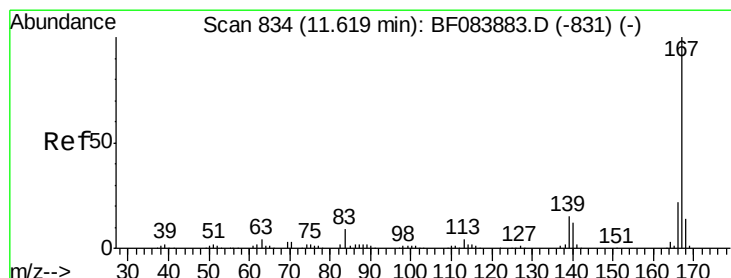
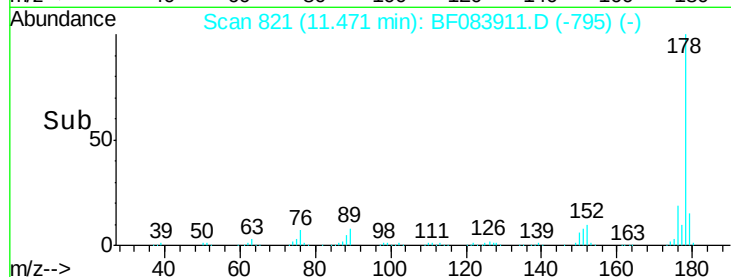
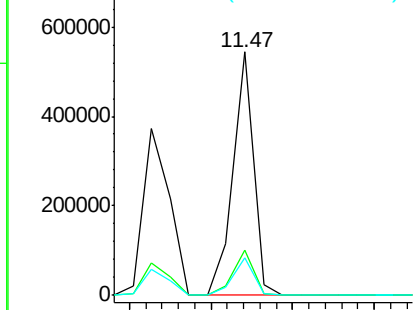
#71
 Anthracene
 Concen: 39.22 ng
 RT: 11.47 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF083911.D
 Acq: 18 Dec 2015 14:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:178 Resp: 471481
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.4 23.0
 179 15.5 12.5 18.7

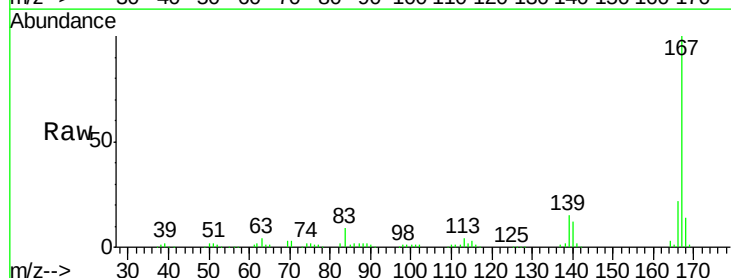


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

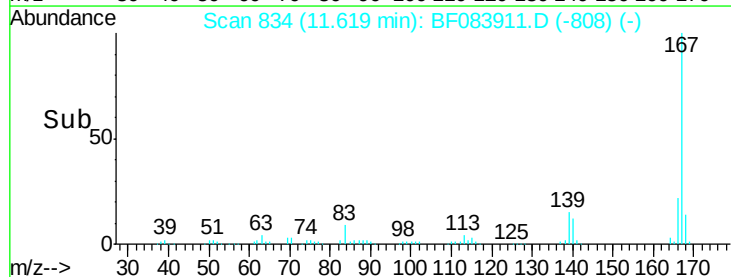
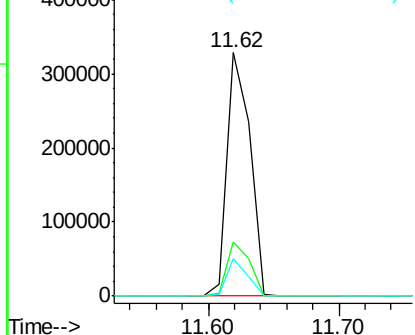


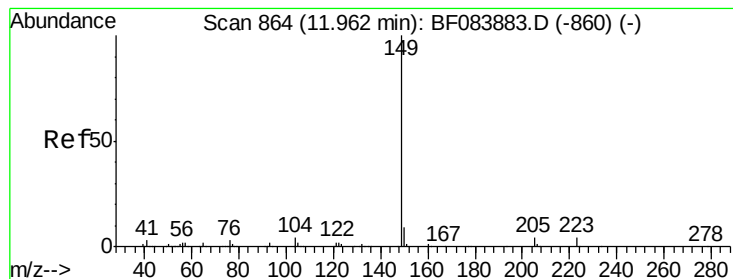
#72
 Carbazole
 Concen: 33.69 ng
 RT: 11.62 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF083911.D
 Acq: 18 Dec 2015 14:25

Tgt Ion:167 Resp: 400190
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 15.3 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: 38.98 ng

RT: 11.95 min Scan# 863

Delta R.T. -0.01 min

Lab File: BF083911.D

Acq: 18 Dec 2015 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

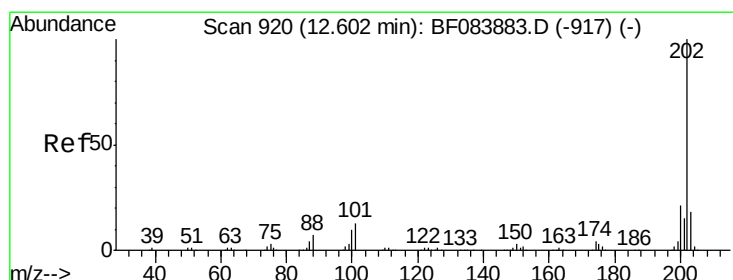
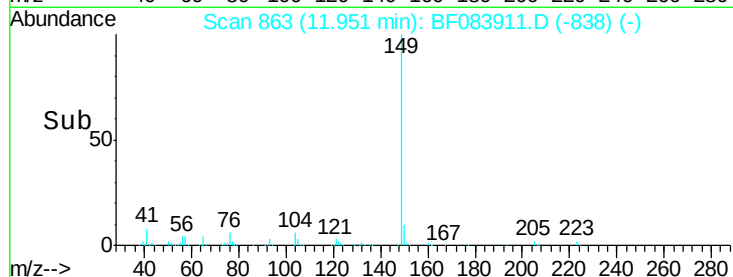
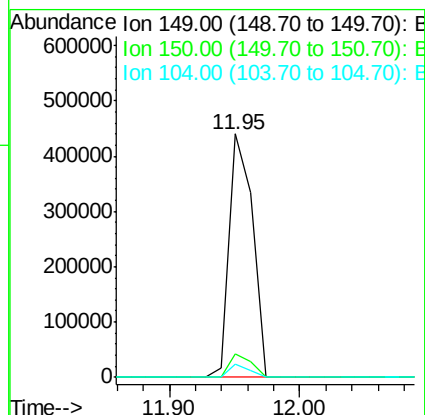
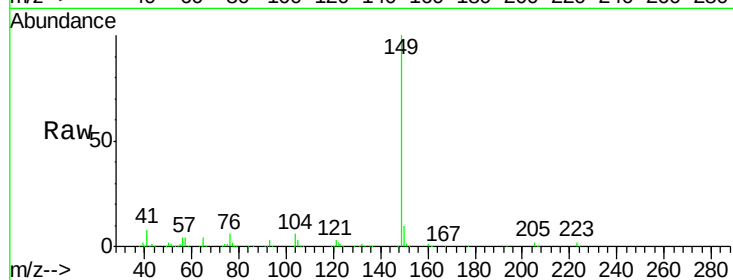
Tgt Ion:149 Resp: 544009

Ion Ratio Lower Upper

149 100

150 9.8 7.1 10.7

104 5.7 3.2 4.8#



#74

Fluoranthene

Concen: 35.18 ng

RT: 12.60 min Scan# 920

Delta R.T. 0.00 min

Lab File: BF083911.D

Acq: 18 Dec 2015 14:25

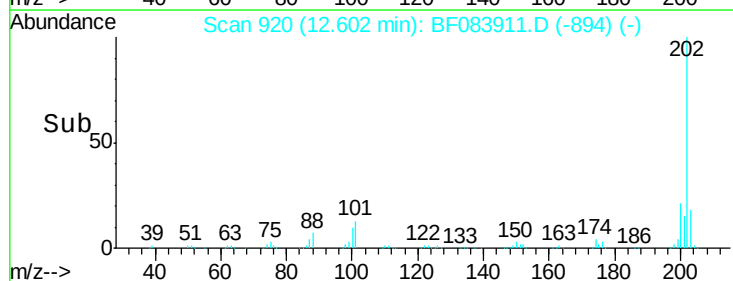
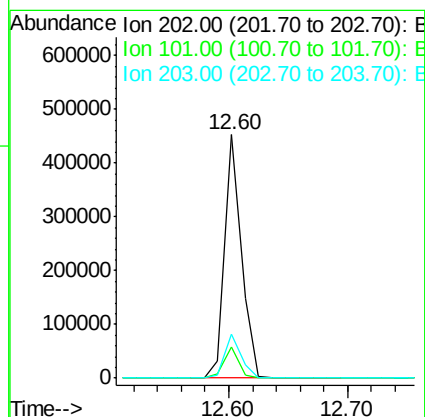
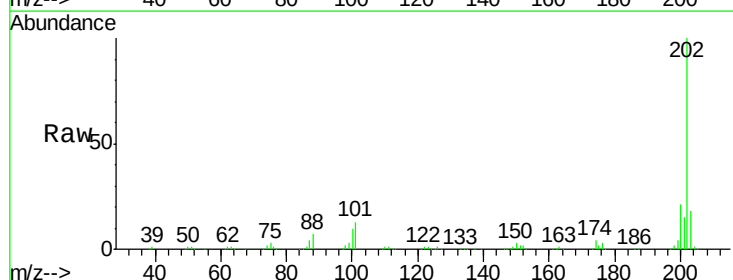
Tgt Ion:202 Resp: 436614

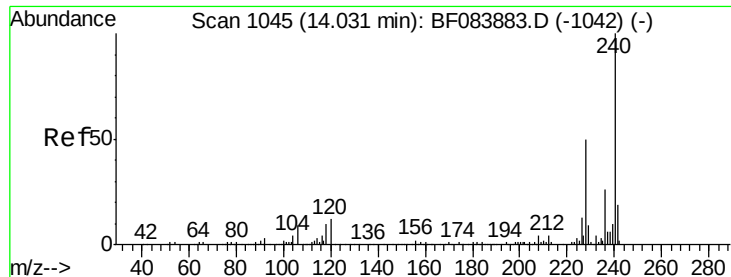
Ion Ratio Lower Upper

202 100

101 12.7 0.0 32.8

203 17.9 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BF083911.D

Acq: 18 Dec 2015 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

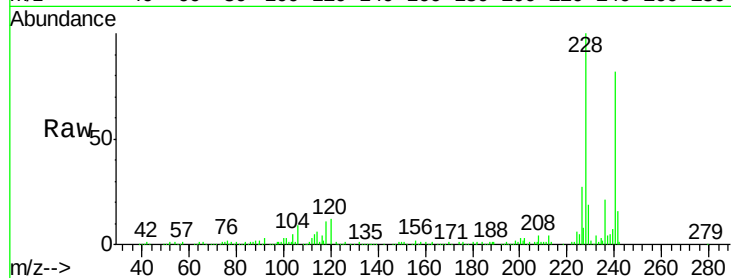
Tgt Ion:240 Resp: 164273

Ion Ratio Lower Upper

240 100

120 14.9 9.5 14.3#

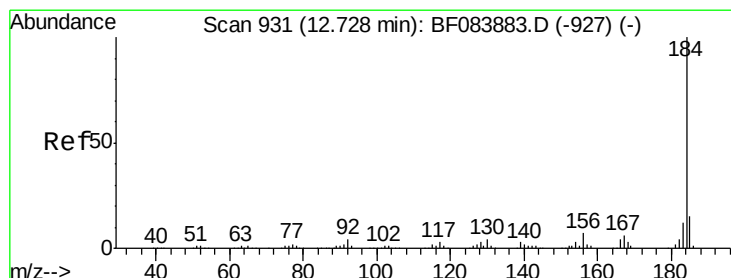
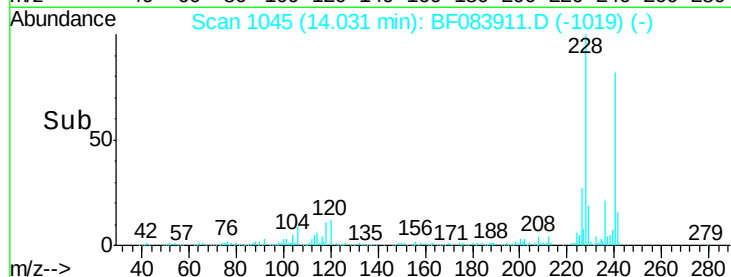
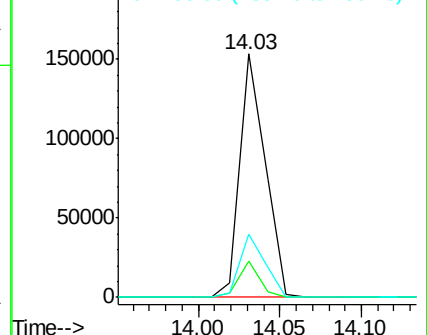
236 26.2 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 37.19 ng

RT: 12.73 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF083911.D

Acq: 18 Dec 2015 14:25

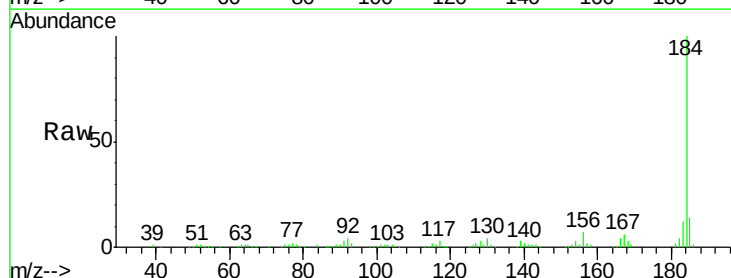
Tgt Ion:184 Resp: 244613

Ion Ratio Lower Upper

184 100

185 14.4 12.2 18.2

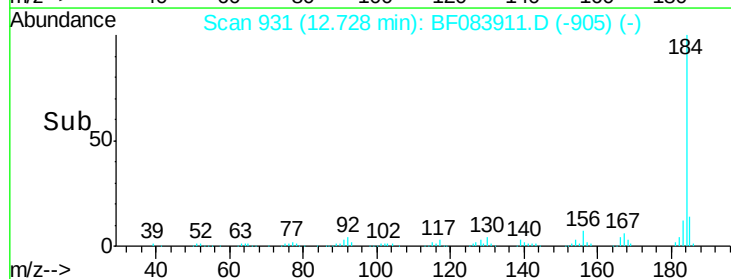
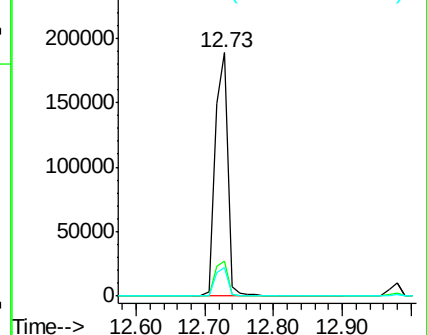
183 11.8 9.8 14.8

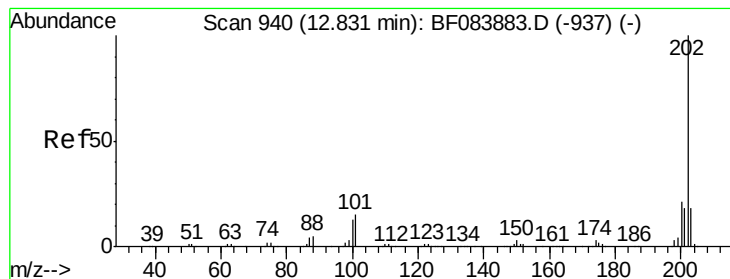


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 43.32 ng

RT: 12.83 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF083911.D

Acq: 18 Dec 2015 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

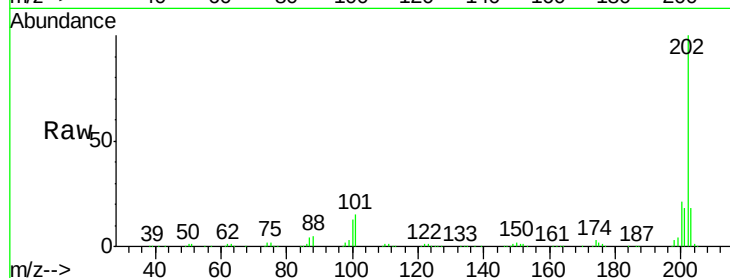
Tgt Ion:202 Resp: 451318

Ion Ratio Lower Upper

202 100

200 21.1 17.2 25.8

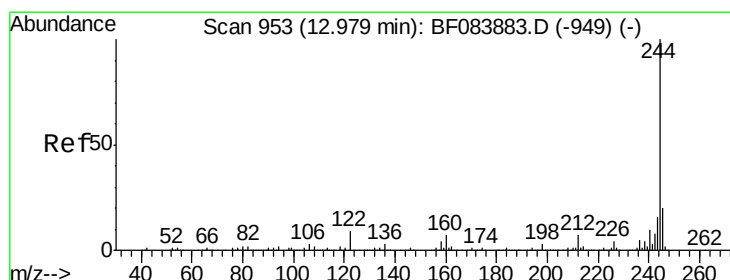
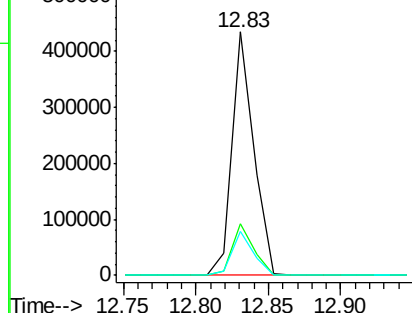
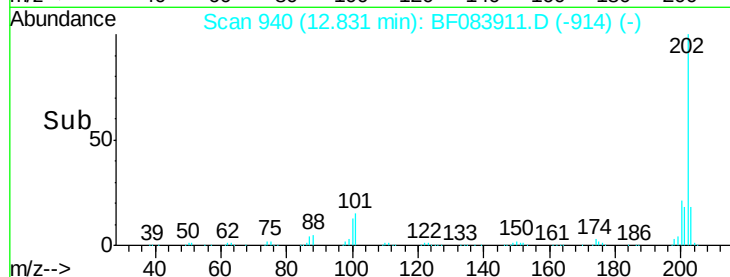
203 17.9 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 95.67 ng

RT: 12.98 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF083911.D

Acq: 18 Dec 2015 14:25

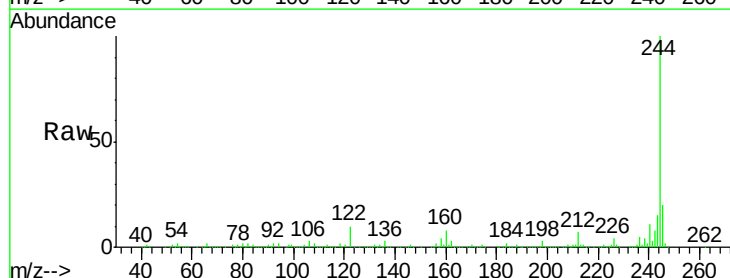
Tgt Ion:244 Resp: 666646

Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

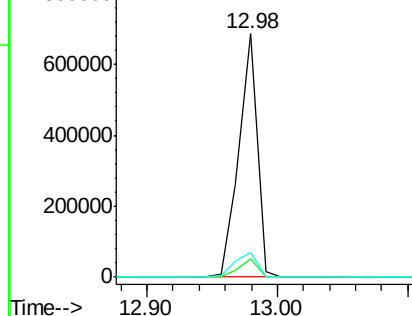
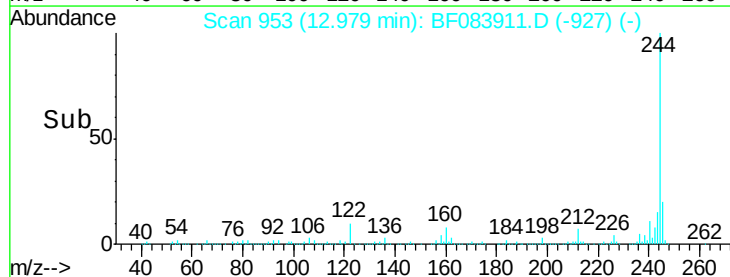
122 10.2 7.4 11.0

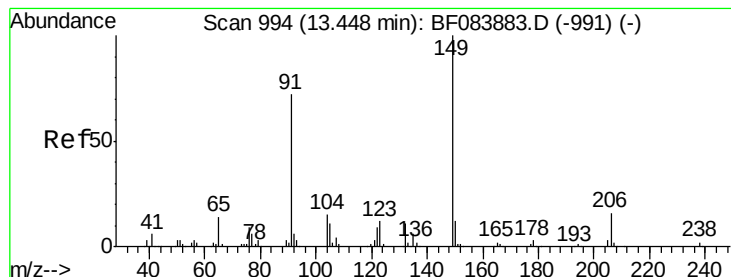


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 41.48 ng

RT: 13.45 min Scan# 994

Delta R.T. 0.00 min

Lab File: BF083911.D

Acq: 18 Dec 2015 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

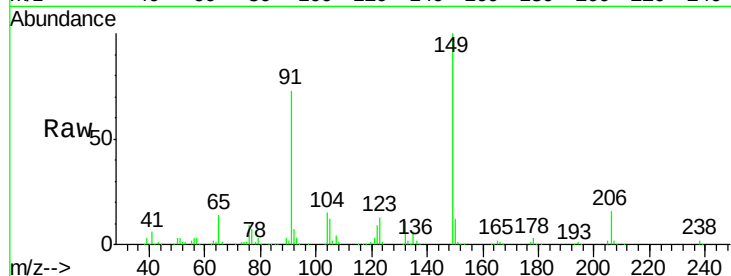
Tgt Ion:149 Resp: 226852

Ion Ratio Lower Upper

149 100

91 73.2 57.6 86.4

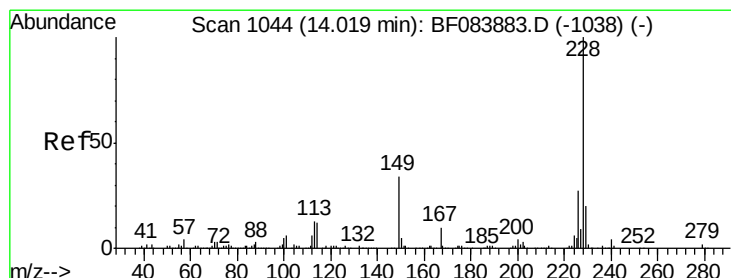
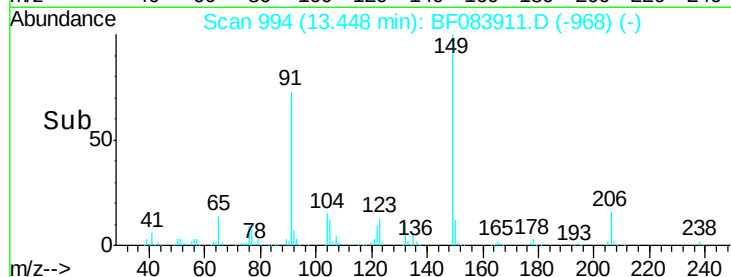
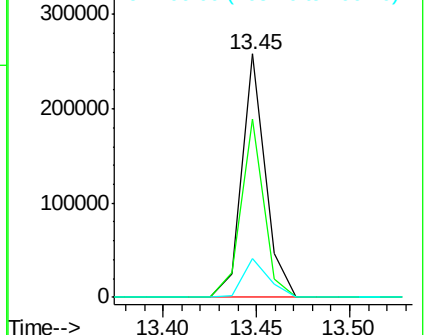
206 16.0 13.2 19.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 37.85 ng

RT: 14.02 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF083911.D

Acq: 18 Dec 2015 14:25

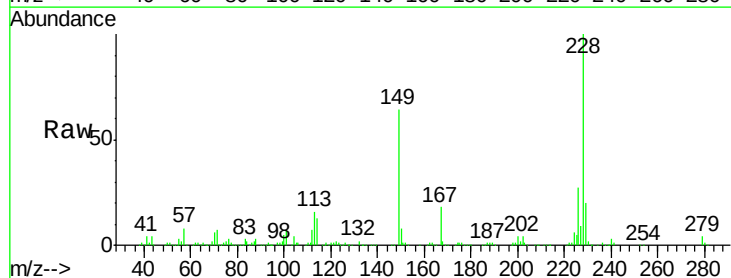
Tgt Ion:228 Resp: 382282

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.6

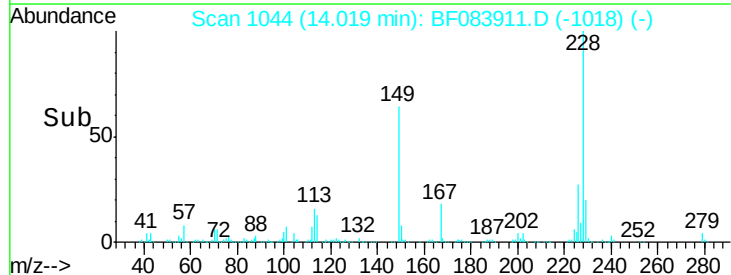
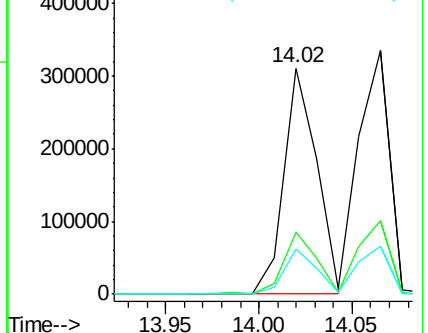
229 19.9 15.8 23.8

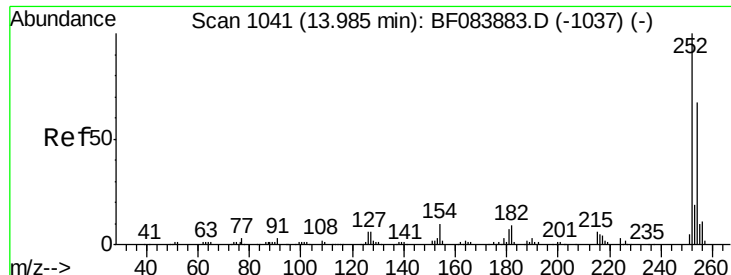


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

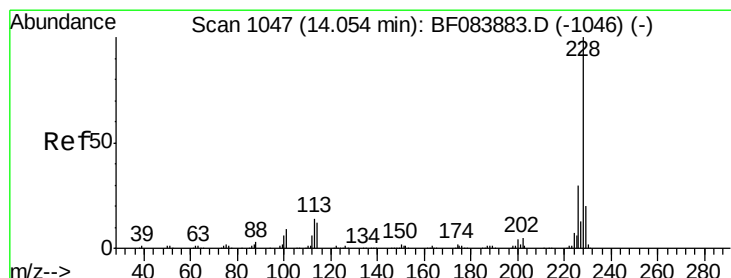
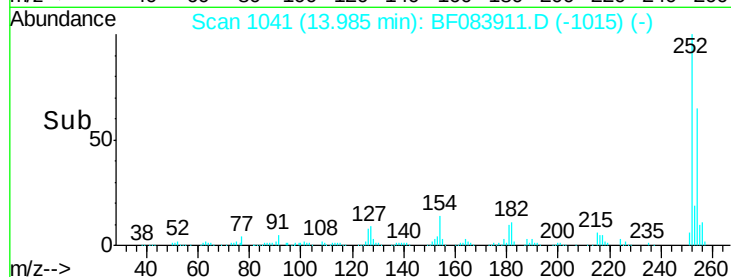
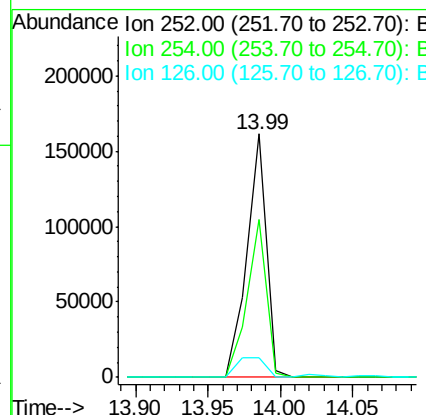
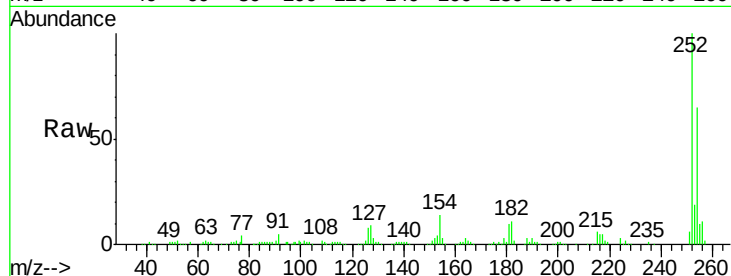




#81
 3,3'-Dichlorobenzidine
 Concen: 40.07 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF083911.D
 Acq: 18 Dec 2015 14:25

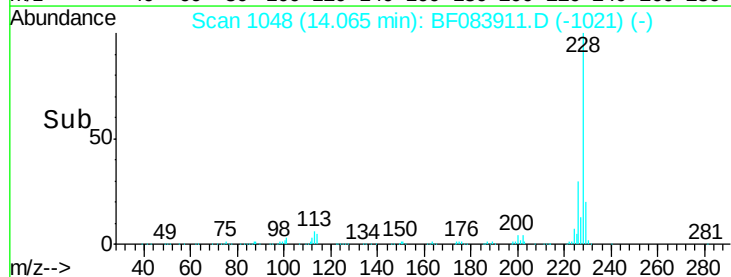
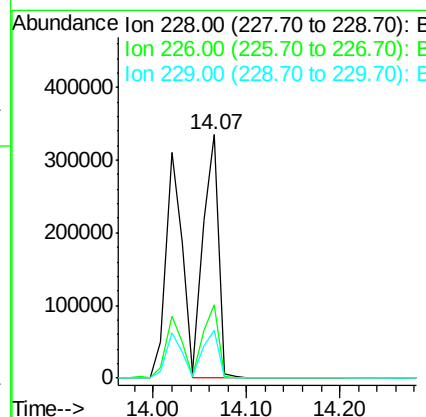
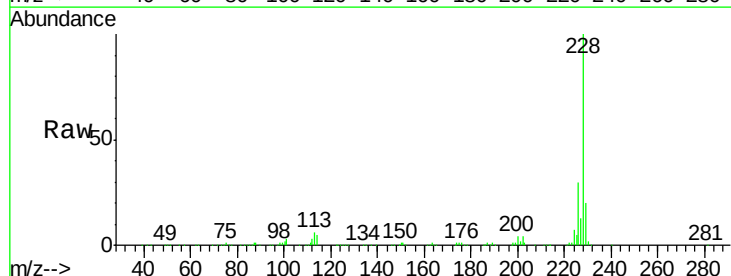
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

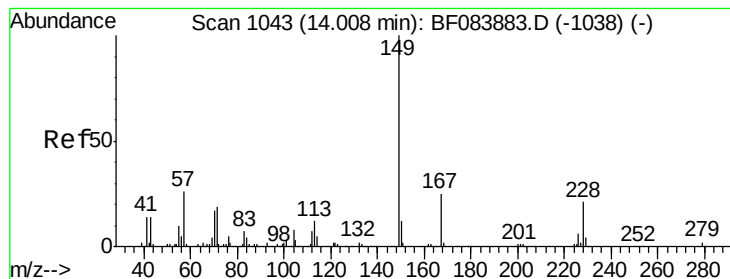
Tgt Ion:252 Resp: 151249
 Ion Ratio Lower Upper
 252 100
 254 64.9 53.5 80.3
 126 8.3 4.9 7.3#



#82
 Chrysene
 Concen: 39.69 ng
 RT: 14.07 min Scan# 1048
 Delta R.T. 0.01 min
 Lab File: BF083911.D
 Acq: 18 Dec 2015 14:25

Tgt Ion:228 Resp: 387257
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.3 36.5
 229 19.5 16.1 24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.38 ng

RT: 14.01 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BF083911.D

Acq: 18 Dec 2015 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

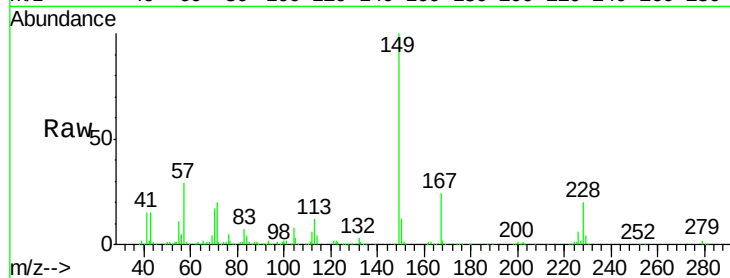
Tgt Ion:149 Resp: 316745

Ion Ratio Lower Upper

149 100

167 23.8 19.7 29.5

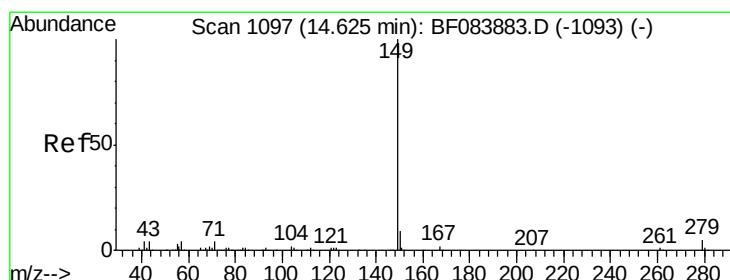
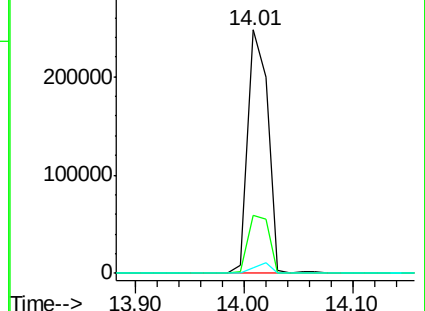
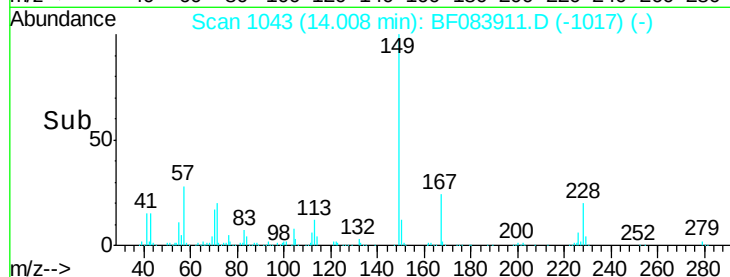
279 2.1 1.8 2.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 44.50 ng

RT: 14.63 min Scan# 1097

Delta R.T. 0.00 min

Lab File: BF083911.D

Acq: 18 Dec 2015 14:25

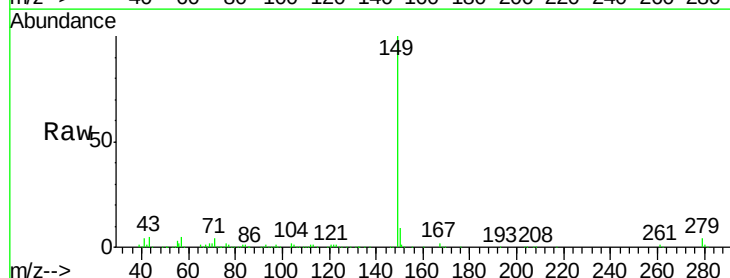
Tgt Ion:149 Resp: 508435

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

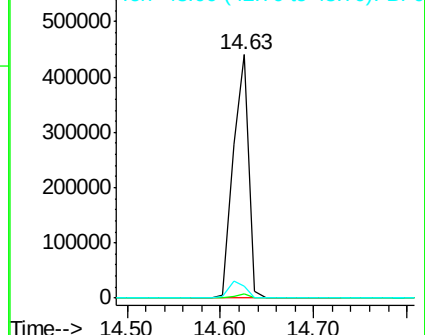
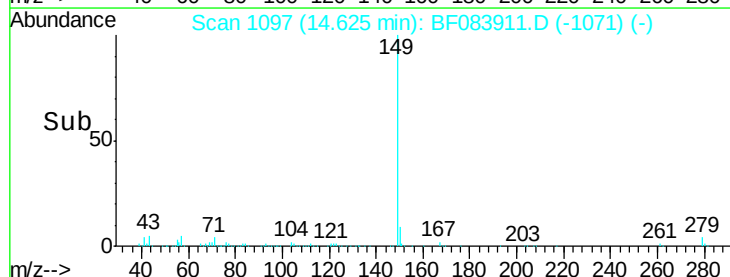
43 7.1 5.6 8.4

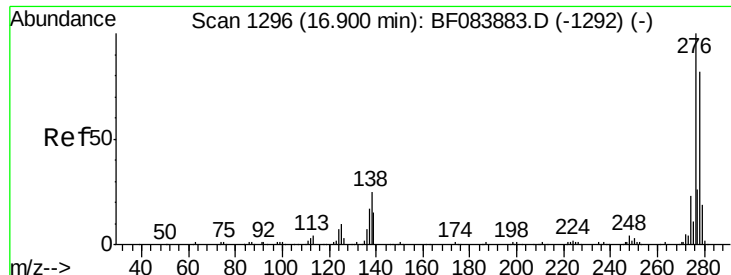


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

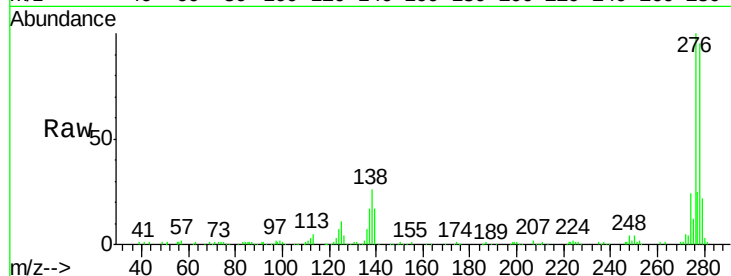




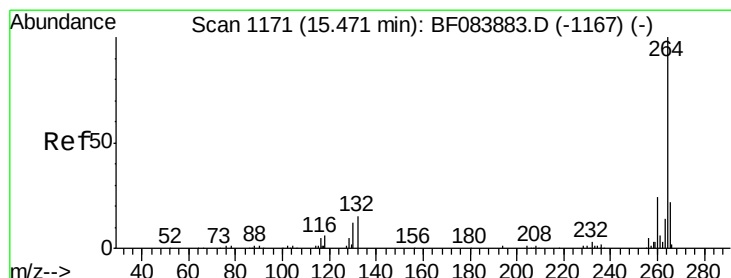
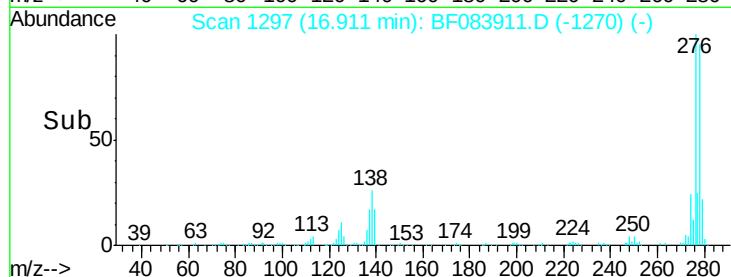
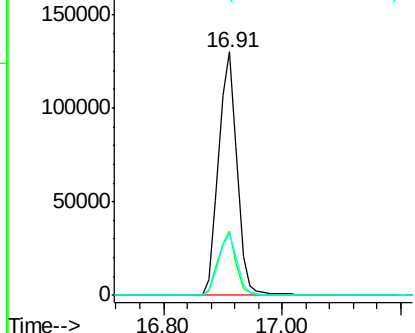
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.73 ng
 RT: 16.91 min Scan# 1297
 Delta R.T. 0.01 min
 Lab File: BF083911.D
 Acq: 18 Dec 2015 14:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 276 Resp: 282592
 Ion Ratio Lower Upper
 276 100
 138 25.0 20.6 30.8
 277 25.0 20.1 30.1

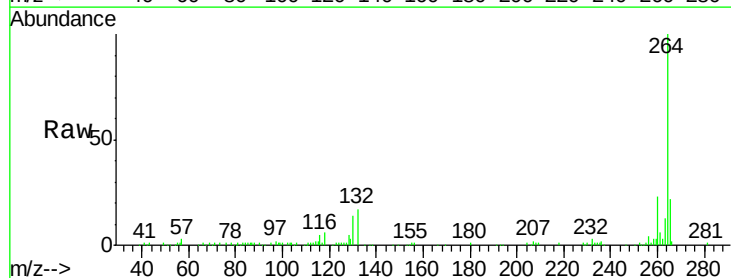


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

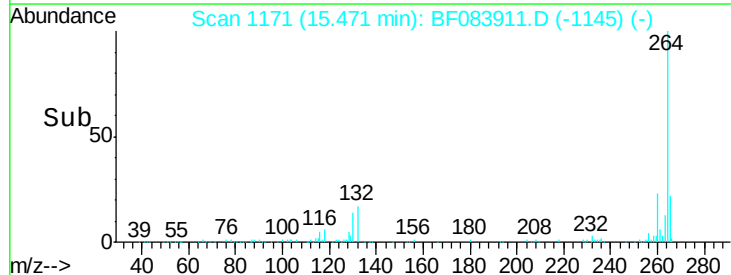
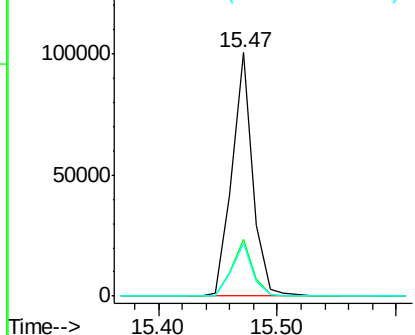


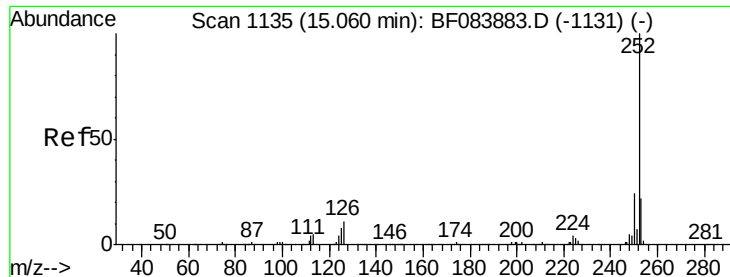
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.47 min Scan# 1171
 Delta R.T. 0.00 min
 Lab File: BF083911.D
 Acq: 18 Dec 2015 14:25

Tgt Ion: 264 Resp: 121659
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.4 29.2
 265 21.6 17.8 26.6



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

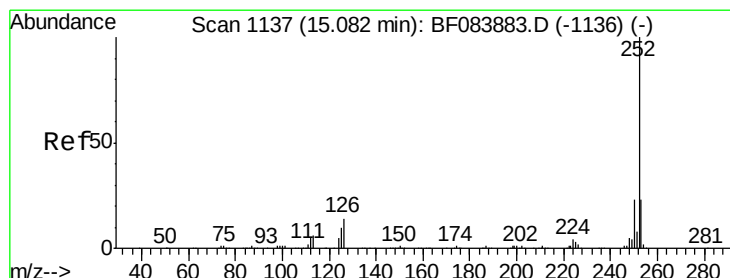
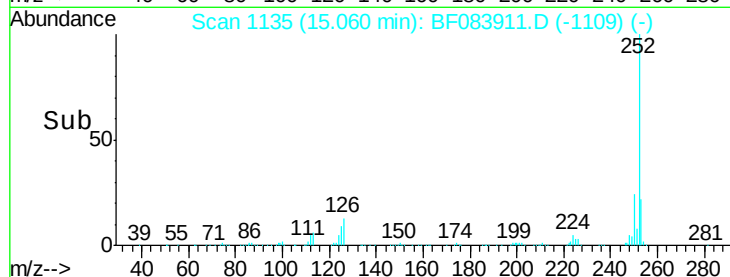
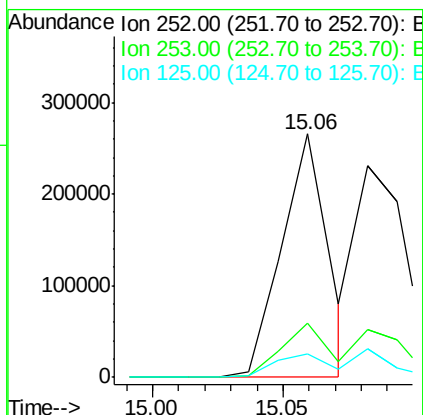
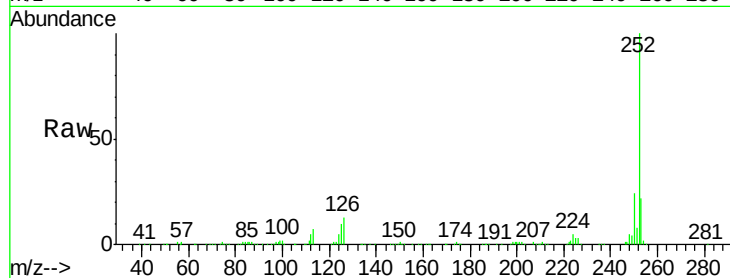




#87
Benzo(b)fluoranthene
Concen: 36.99 ng
RT: 15.06 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BF083911.D
Acq: 18 Dec 2015 14:25

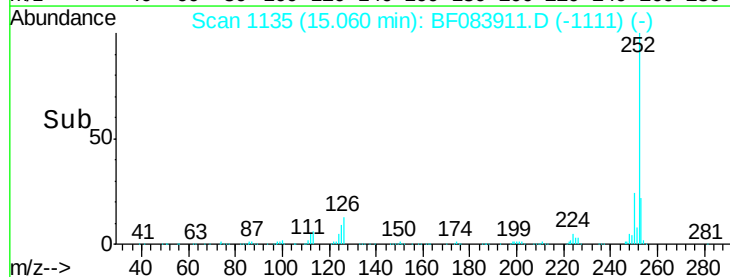
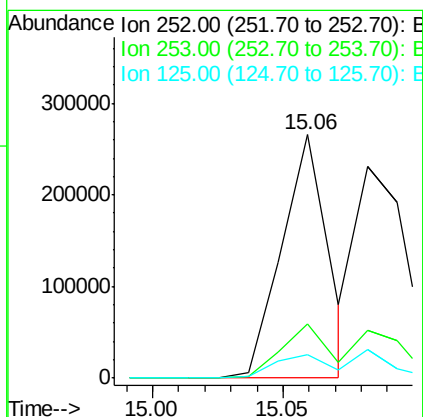
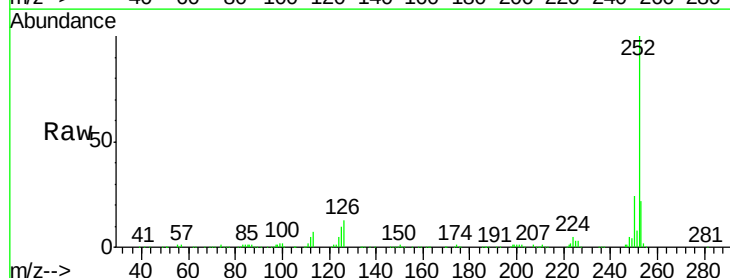
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

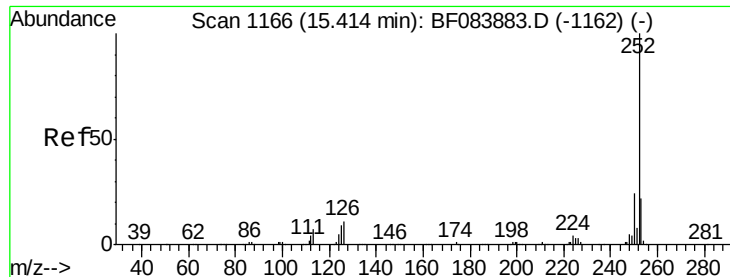
Tgt Ion:252 Resp: 328096
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 9.6 6.5 9.7



#88
Benzo(k)fluoranthene
Concen: 44.84 ng
RT: 15.06 min Scan# 1135
Delta R.T. -0.02 min
Lab File: BF083911.D
Acq: 18 Dec 2015 14:25

Tgt Ion:252 Resp: 328096
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 9.6 9.0 13.6





#89

Benzo(a)pyrene

Concen: 39.44 ng

RT: 15.41 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BF083911.D

Acq: 18 Dec 2015 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

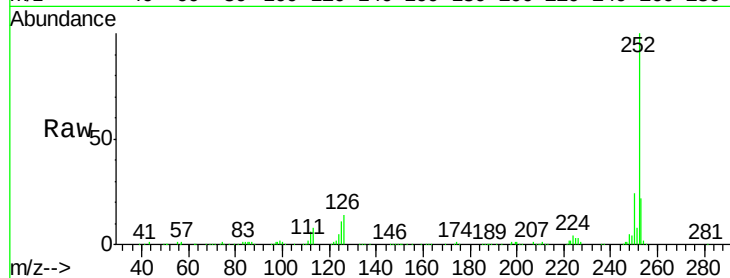
Tgt Ion:252 Resp: 288880

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

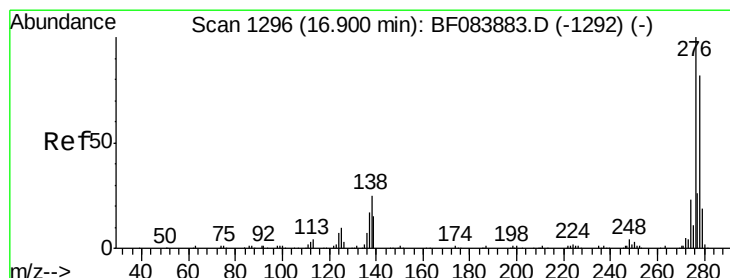
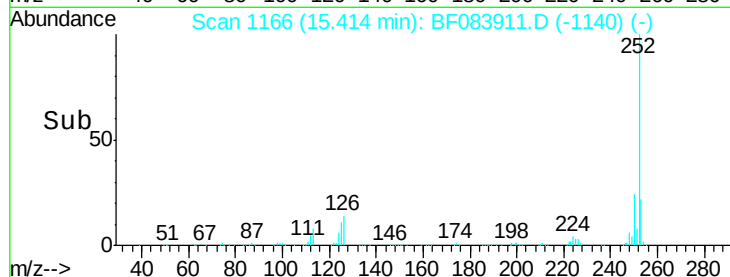
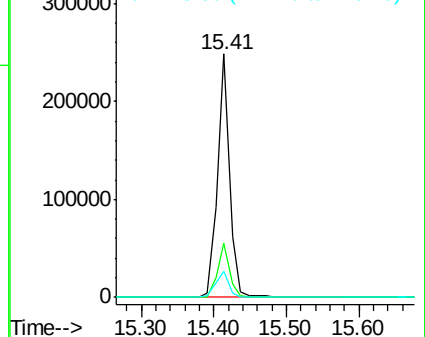
125 10.7 7.0 10.4#



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: 41.11 ng

RT: 16.91 min Scan# 1297

Delta R.T. 0.01 min

Lab File: BF083911.D

Acq: 18 Dec 2015 14:25

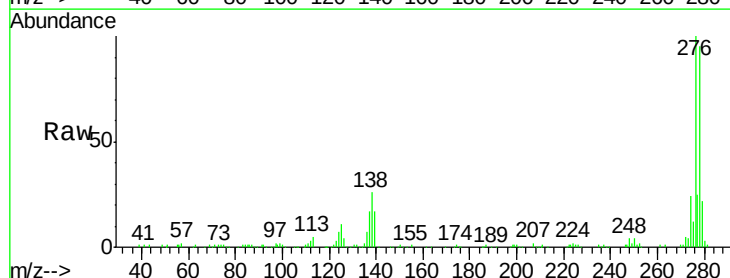
Tgt Ion:278 Resp: 234223

Ion Ratio Lower Upper

278 100

139 17.7 15.0 22.4

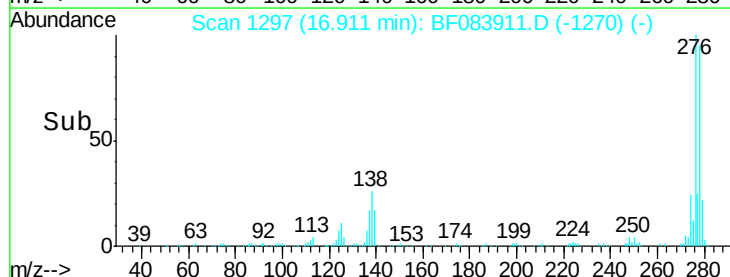
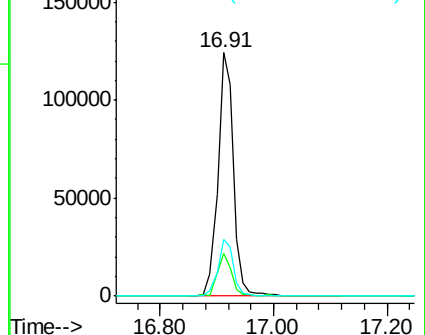
279 23.5 18.9 28.3

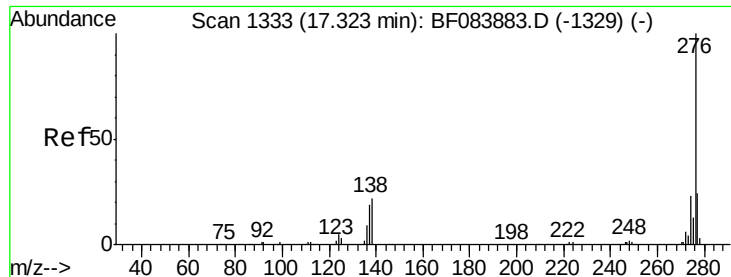


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 41.28 ng

RT: 17.33 min Scan# 1334

Delta R.T. 0.01 min

Lab File: BF083911.D

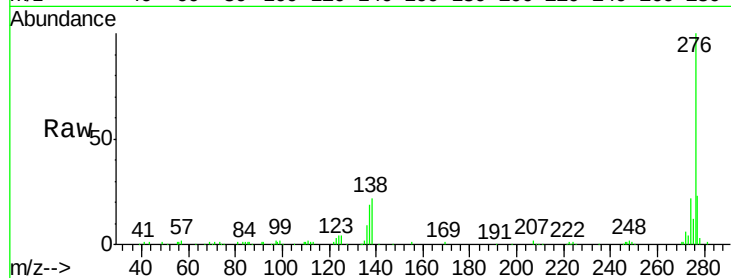
Acq: 18 Dec 2015 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



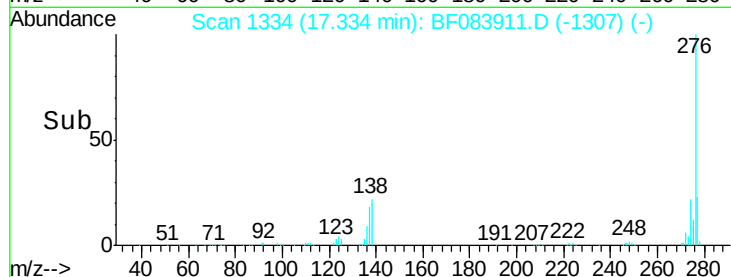
Tgt Ion: 276 Resp: 230519

Ion Ratio Lower Upper

276 100

277 23.3 18.8 28.2

138 21.6 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

17.33

100000

50000

0

Time--> 17.20 17.30 17.40 17.50