

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
 Data File : BF079157.D
 Acq On : 12 May 2015 14:48
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 13 01:06:35 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 13 00:53:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	78123	20.00	ng	0.00
21) Naphthalene-d8	8.86	136	323563	20.00	ng	0.00
38) Acenaphthene-d10	11.04	164	157708	20.00	ng	0.00
63) Phenanthrene-d10	12.88	188	302233	20.00	ng	0.00
75) Chrysene-d12	16.19	240	309758	20.00	ng	0.00
86) Perylene-d12	18.02	264	325271	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	372545	82.09	ng	0.00
7) Phenol-d6	6.84	99	479948	80.00	ng	0.00
23) Nitrobenzene-d5	7.98	82	456733	81.13	ng	0.00
41) 2,4,6-Tribromophenol	12.01	330	143889	84.34	ng	0.00
44) 2-Fluorobiphenyl	10.20	172	869986	76.86	ng	0.00
78) Terphenyl-d14	14.88	244	1045385	80.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.20	88	79668	40.37	ng	# 20
3) Pyridine	2.94	79	245139	42.45	ng	94
4) n-Nitrosodimethylamine	2.87	42	93603	37.83	ng	81
6) Aniline	6.87	93	334747	39.53	ng	# 46
8) 2-Chlorophenol	7.02	128	218328	42.41	ng	95
9) Benzaldehyde	6.73	77	149467	36.98	ng	95
10) Phenol	6.87	94	286739	41.20	ng	# 63
11) bis(2-Chloroethyl)ether	6.97	93	201153	39.43	ng	97
12) 1,3-Dichlorobenzene	7.21	146	235133	40.64	ng	# 90
13) 1,4-Dichlorobenzene	7.30	146	237467	39.88	ng	96
14) 1,2-Dichlorobenzene	7.48	146	219269	39.56	ng	97
15) Benzyl Alcohol	7.46	79	170373	38.26	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.64	45	311475	39.91	ng	98
17) 2-Methylphenol	7.61	107	172088	41.54	ng	97
18) Hexachloroethane	7.91	117	83879	40.90	ng	97
19) n-Nitroso-di-n-propylamine	7.79	70	160332	39.57	ng	94
20) 3+4-Methylphenols	7.80	107	226802	41.09	ng	# 46
22) Acetophenone	7.79	105	303267	41.49	ng	93
24) Nitrobenzene	8.00	77	231334	41.45	ng	92
25) Isophorone	8.30	82	424836	40.70	ng	97
26) 2-Nitrophenol	8.39	139	107464	46.53	ng	# 80
27) 2,4-Dimethylphenol	8.46	122	199726	43.21	ng	96
28) bis(2-Chloroethoxy)methane	8.58	93	256434	39.85	ng	98
29) 2,4-Dichlorophenol	8.70	162	177801	43.26	ng	93
30) 1,2,4-Trichlorobenzene	8.79	180	178708	39.58	ng	93
31) Naphthalene	8.89	128	624254	40.49	ng	99
32) Benzoic acid	8.57	122	119508	42.16	ng	94
33) 4-Chloroaniline	8.96	127	272670	41.80	ng	97
34) Hexachlorobutadiene	9.04	225	105050	40.40	ng	98
35) Caprolactam	9.39	113	57367	43.16	ng	97
36) 4-Chloro-3-methylphenol	9.56	107	184246	42.68	ng	99
37) 2-Methylnaphthalene	9.75	142	449796	42.10	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.95	216	177276	39.91	ng	# 100
40) Hexachlorocyclopentadiene	9.93	237	72079	32.27	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.10	196	129879	42.53	ng	96
43) 2,4,5-Trichlorophenol	10.15	196	130229	42.18	ng	# 87
45) 1,1'-Biphenyl	10.33	154	506257	40.38	ng	96
46) 2-Chloronaphthalene	10.34	162	392330	40.12	ng	98
47) 2-Nitroaniline	10.48	65	127434	44.97	ng	# 87
48) Acenaphthylene	10.86	152	642170	39.99	ng	100
49) Dimethylphthalate	10.72	163	473953	40.95	ng	99
50) 2,6-Dinitrotoluene	10.79	165	99565	43.59	ng	# 82
51) Acenaphthene	11.07	154	363150	37.93	ng	97
52) 3-Nitroaniline	10.99	138	130774	45.83	ng	# 92
53) 2,4-Dinitrophenol	11.12	184	33078	47.57	ng	89
54) Dibenzofuran	11.29	168	546832	39.54	ng	99
55) 4-Nitrophenol	11.21	139	97248	43.06	ng	87
56) 2,4-Dinitrotoluene	11.28	165	126409	41.86	ng	94
57) Fluorene	11.71	166	443109	39.03	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.44	232	100637	39.89	ng	# 100
59) Diethylphthalate	11.59	149	451537	39.38	ng	97
60) 4-Chlorophenyl-phenylether	11.73	204	202212	40.15	ng	97
61) 4-Nitroaniline	11.75	138	130853	45.84	ng	92
62) Azobenzene	11.92	77	440042	38.95	ng	97
64) 4,6-Dinitro-2-methylphenol	11.78	198	60212	47.84	ng	96
65) n-Nitrosodiphenylamine	11.87	169	418855	41.61	ng	99
66) 4-Bromophenyl-phenylether	12.33	248	128213	40.70	ng	97
67) Hexachlorobenzene	12.39	284	142969	39.71	ng	97
68) Atrazine	12.55	200	119063	40.68	ng	95
69) Pentachlorophenol	12.64	266	74830	39.33	ng	96
70) Phenanthrene	12.90	178	651985	38.56	ng	99
71) Anthracene	12.97	178	660384	39.81	ng	100
72) Carbazole	13.18	167	632851	40.03	ng	99
73) Di-n-butylphthalate	13.62	149	764678	40.33	ng	99
74) Fluoranthene	14.39	202	733568	41.64	ng	95
76) Benzidine	14.56	184	329031	39.41	ng	98
77) Pyrene	14.66	202	734720	41.16	ng	99
79) Butylbenzylphthalate	15.50	149	363890	46.64	ng	# 85
80) Benzo(a)anthracene	16.18	228	701975	41.38	ng	100
81) 3,3'-Dichlorobenzidine	16.16	252	273501	45.27	ng	100
82) Chrysene	16.23	228	634524	38.89	ng	99
83) Bis(2-ethylhexyl)phthalate	16.24	149	499134	42.23	ng	99
84) Di-n-octyl phthalate	17.07	149	916832	44.05	ng	# 100
85) Indeno(1,2,3-cd)pyrene	19.50	276	854652	41.11	ng	# 100
87) Benzo(b)fluoranthene	17.54	252	777784	43.69	ng	99
88) Benzo(k)fluoranthene	17.58	252	602597	34.96	ng	100
89) Benzo(a)pyrene	17.95	252	658168	40.15	ng	97
90) Dibenzo(a,h)anthracene	19.52	278	679478	39.00	ng	97
91) Benzo(g,h,i)perylene	19.93	276	704332	40.33	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.28 min Scan# 533

Delta R.T. 0.00 min

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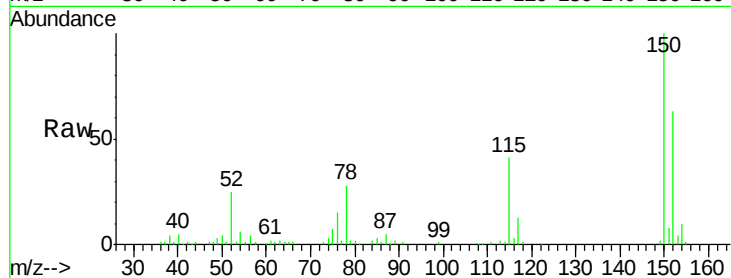
Tot Ion:152 Resp: 78123

Ion Ratio Lower Upper

152 100

150 159.6 122.0 183.0

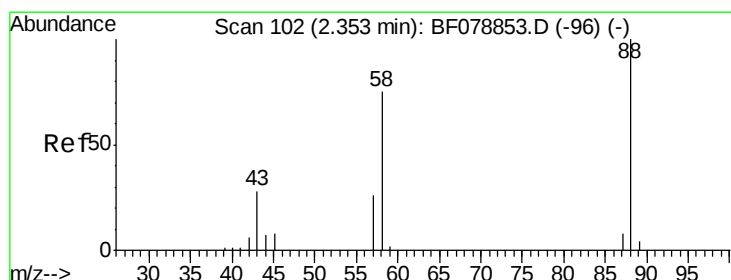
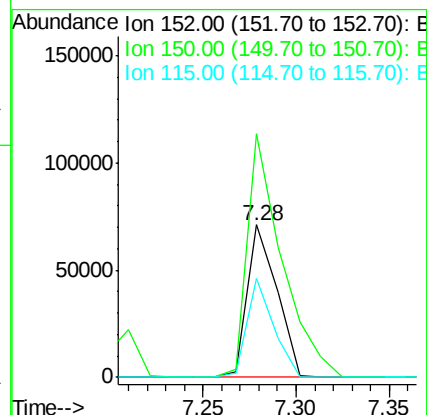
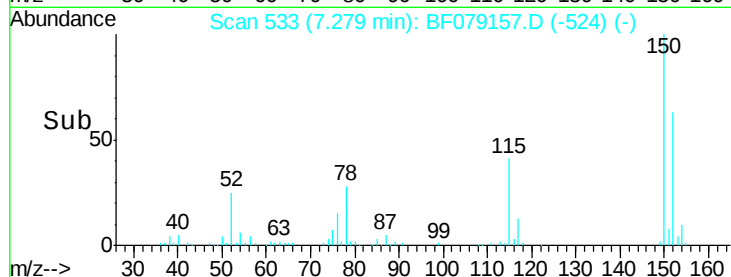
115 65.0 46.3 69.5



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: 40.37 ng

RT: 2.20 min Scan# 89

Delta R.T. 0.00 min

Lab File: BF079157.D

Acq: 12 May 2015 14:48

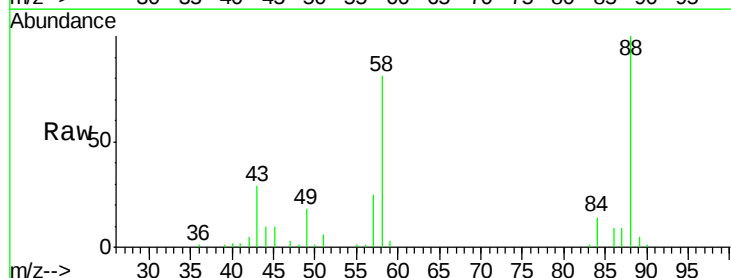
Tgt Ion: 88 Resp: 79668

Ion Ratio Lower Upper

88 100

58 78.0 0.0 0.0#

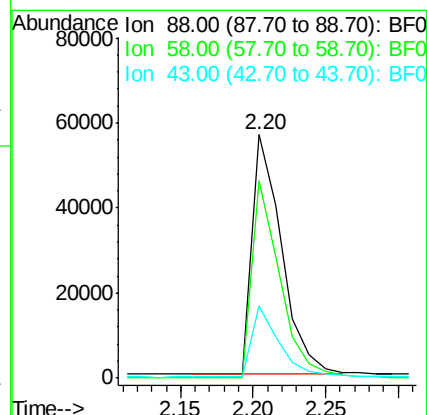
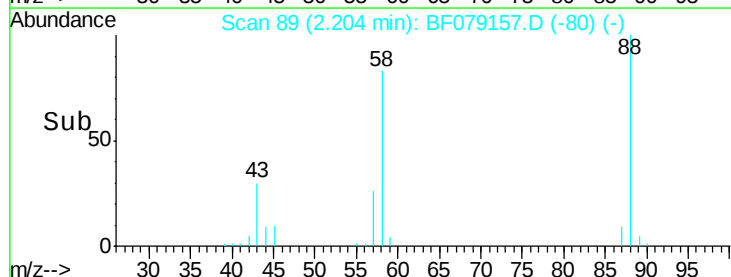
43 30.4 3.3 4.9#

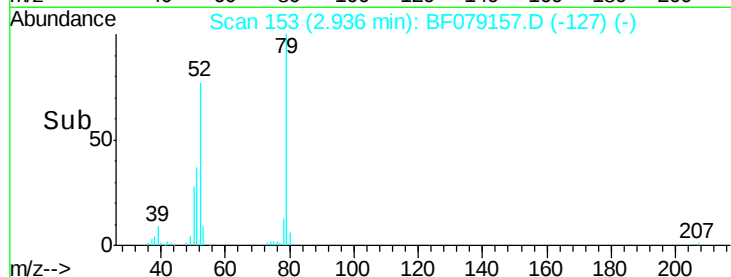
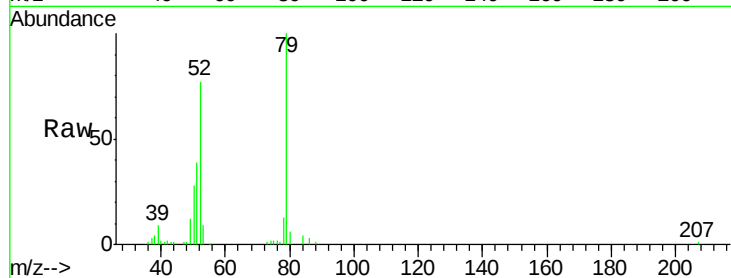
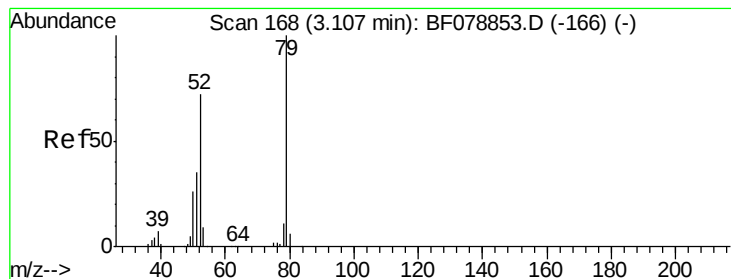


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 42.45 ng

RT: 2.94 min Scan# 153

Delta R.T. 0.00 min

Lab File: BF079157.D

Acq: 12 May 2015 14:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

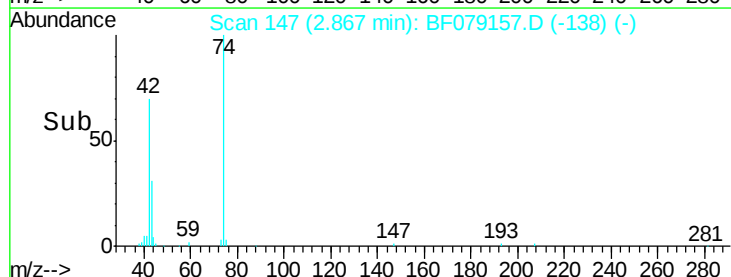
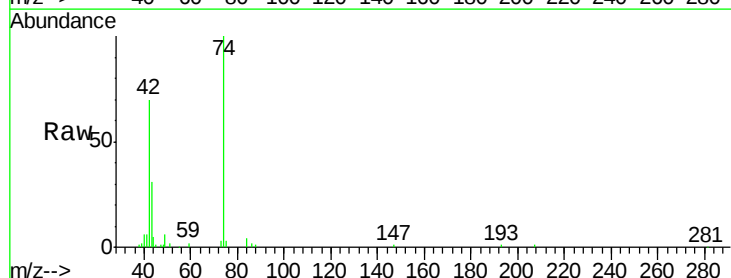
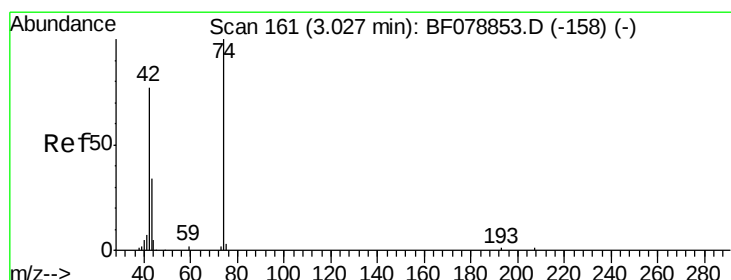
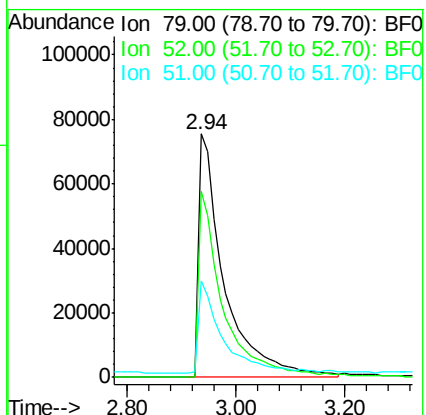
Tot Ion: 79 Resp: 245139

Ion Ratio Lower Upper

79 100

52 76.5 57.2 85.8

51 39.4 28.9 43.3



#4

n-Nitrosodimethylamine

Concen: 37.83 ng

RT: 2.87 min Scan# 147

Delta R.T. 0.00 min

Lab File: BF079157.D

Acq: 12 May 2015 14:48

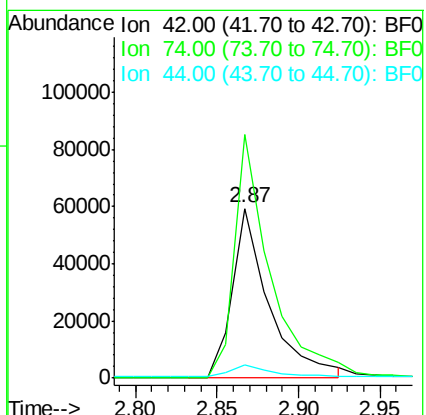
Tgt Ion: 42 Resp: 93603

Ion Ratio Lower Upper

42 100

74 143.6 96.5 144.7

44 7.4 6.1 9.1





#5

2-Fluorophenol

Concen: 82.09 ng

RT: 5.58 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF079157.D

Acq: 12 May 2015 14:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

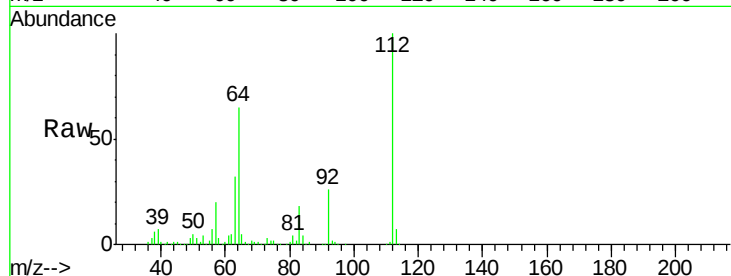
Tot Ion:112 Resp: 372545

Ion Ratio Lower Upper

112 100

64 65.2 53.5 80.3

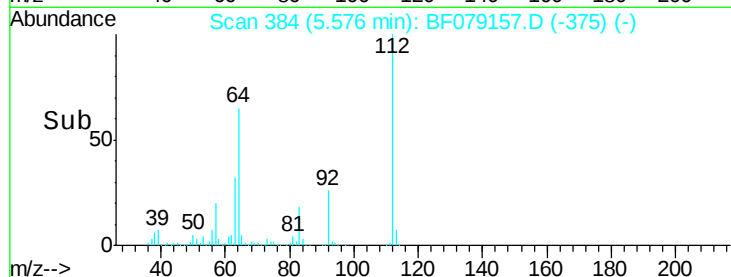
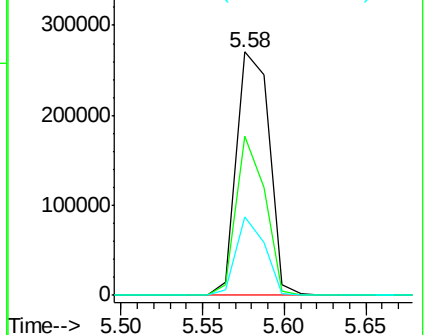
63 32.1 27.5 41.3



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: 39.53 ng

RT: 6.87 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF079157.D

Acq: 12 May 2015 14:48

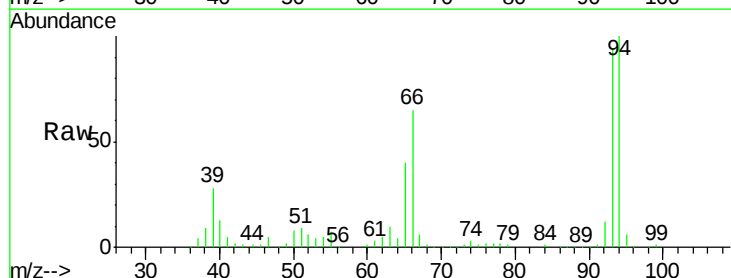
Tgt Ion: 93 Resp: 334747

Ion Ratio Lower Upper

93 100

66 69.4 29.7 44.5#

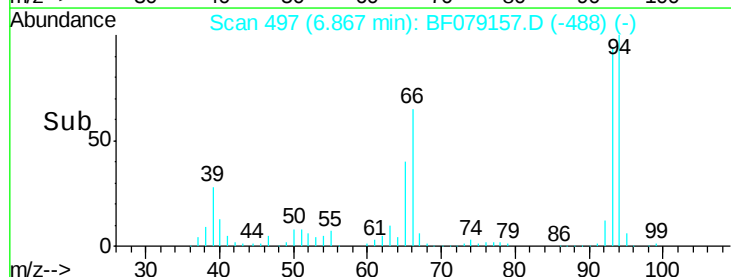
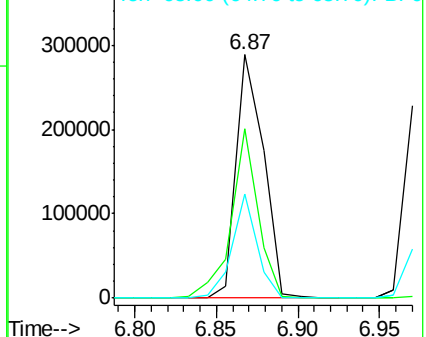
65 42.8 14.6 22.0#



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: 80.00 ng

RT: 6.84 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF079157.D

Acq: 12 May 2015 14:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

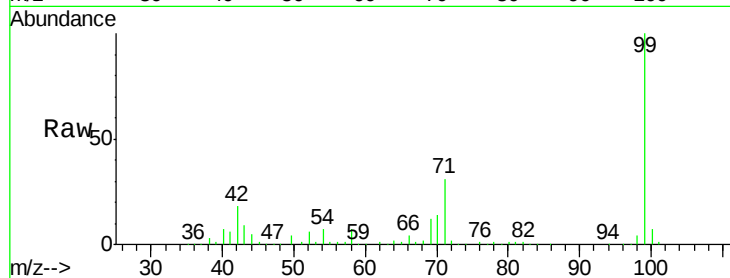
Tot Ion: 99 Resp: 479948

Ion Ratio Lower Upper

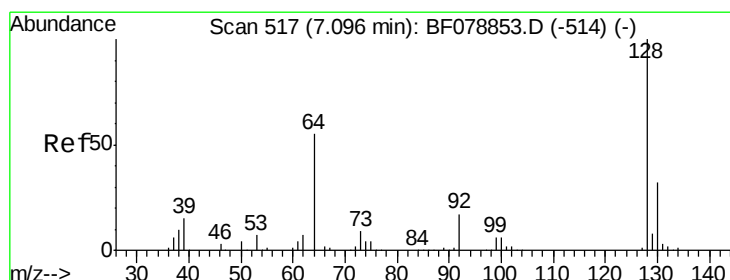
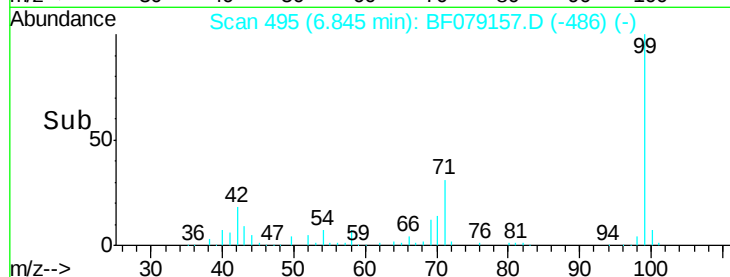
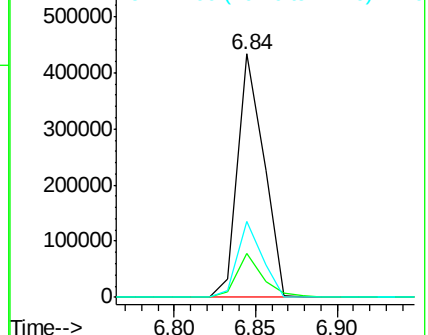
99 100

42 18.2 12.8 19.2

71 31.4 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.41 ng

RT: 7.02 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF079157.D

Acq: 12 May 2015 14:48

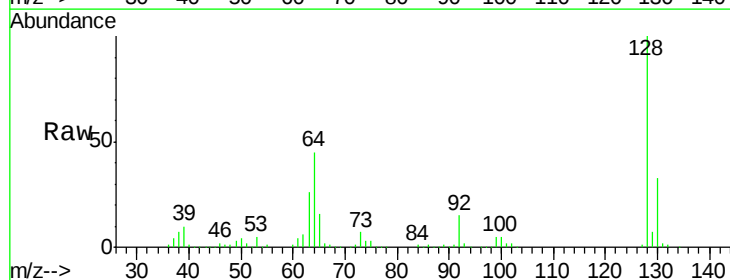
Tgt Ion: 128 Resp: 218328

Ion Ratio Lower Upper

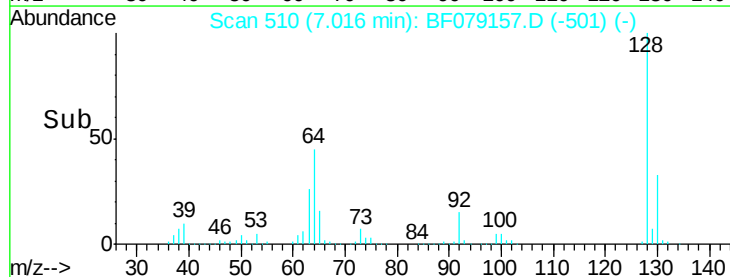
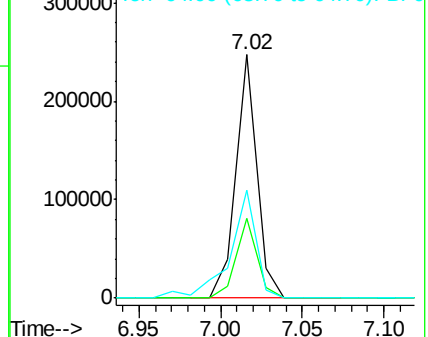
128 100

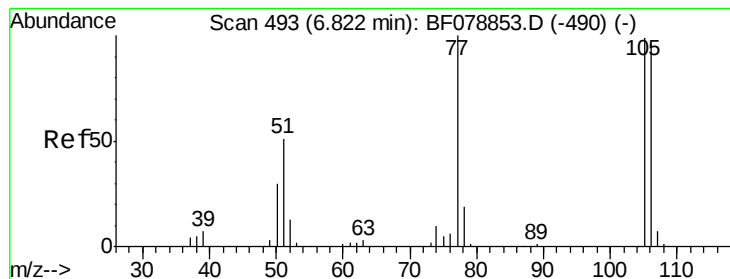
130 32.6 12.1 52.1

64 44.5 29.6 69.6



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 36.98 ng

RT: 6.73 min Scan# 485

Delta R.T. 0.00 min

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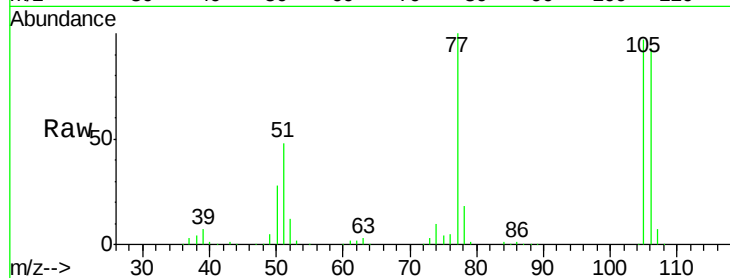
Tot Ion: 77 Resp: 149467

Ion Ratio Lower Upper

77 100

105 97.0 81.7 121.7

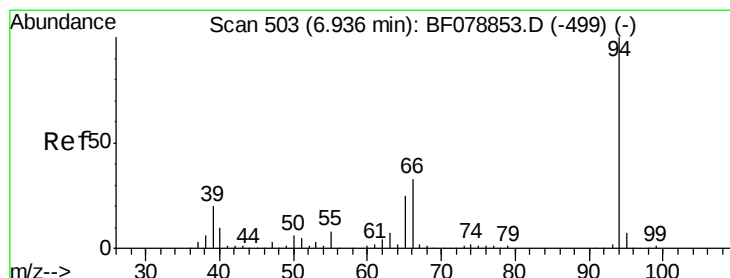
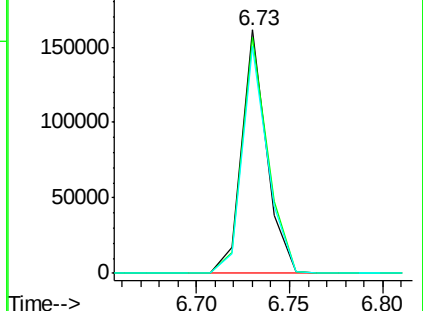
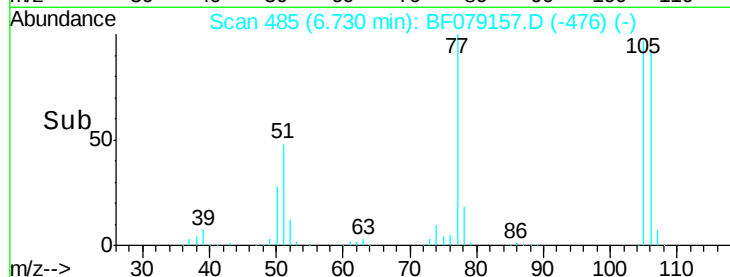
106 93.1 79.0 119.0



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: 41.20 ng

RT: 6.87 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF079157.D

Acq: 12 May 2015 14:48

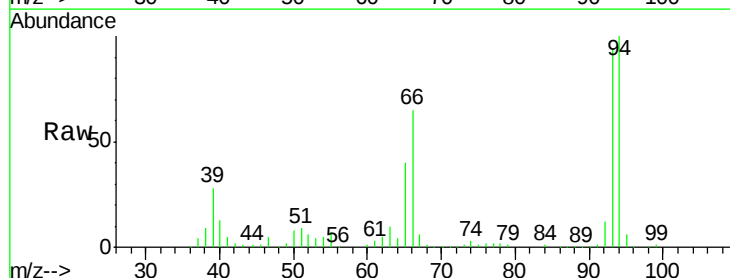
Tgt Ion: 94 Resp: 286739

Ion Ratio Lower Upper

94 100

65 40.0 8.5 48.5

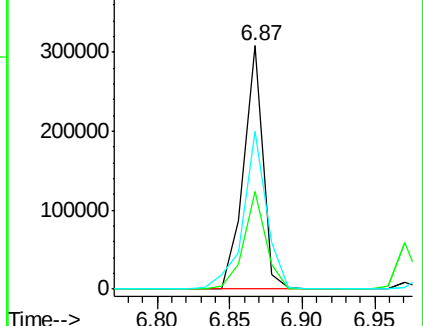
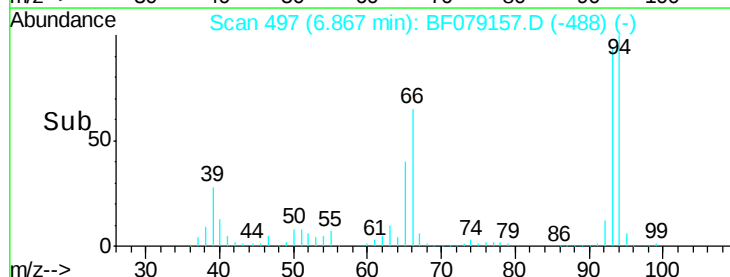
66 64.9 16.0 56.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

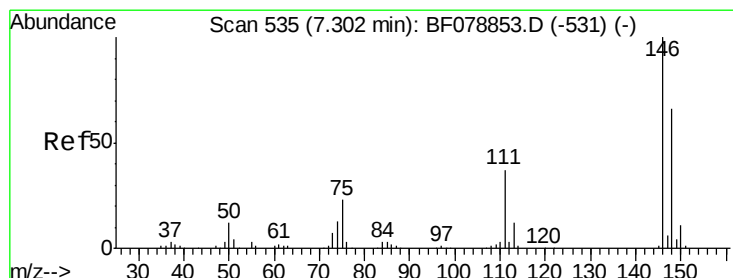
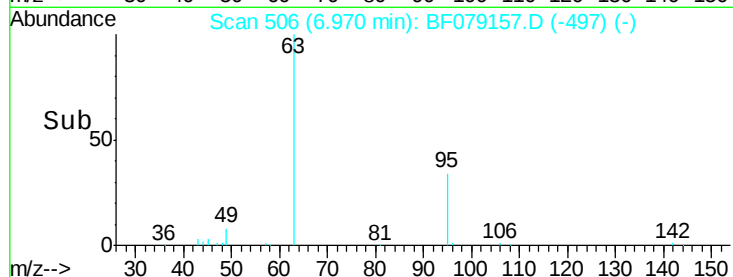
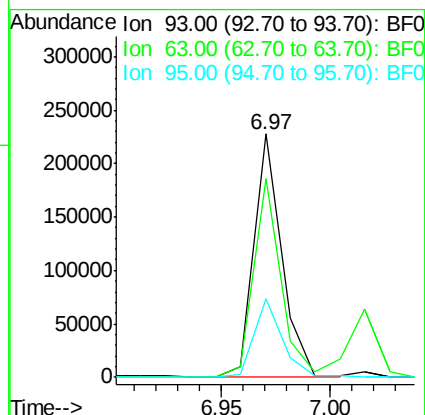
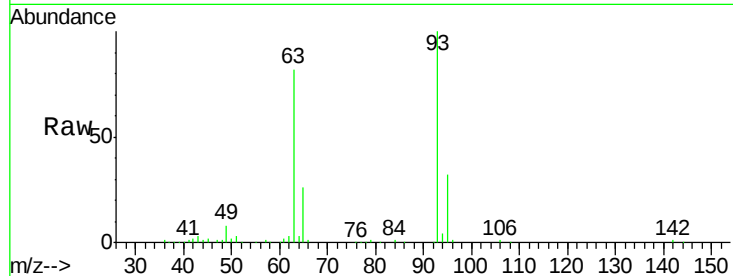




#11
bis(2-Chloroethyl)ether
Concen: 39.43 ng
RT: 6.97 min Scan# 506
Delta R.T. 0.00 min
Lab File: BF079157.D
Acq: 12 May 2015 14:48

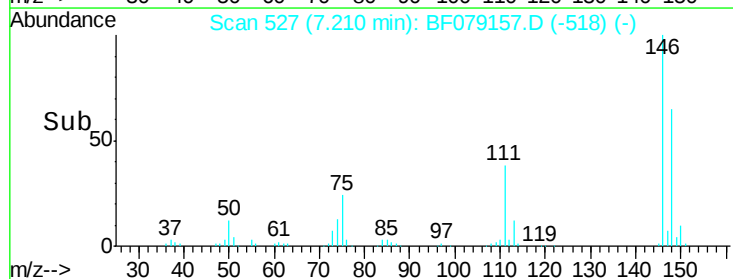
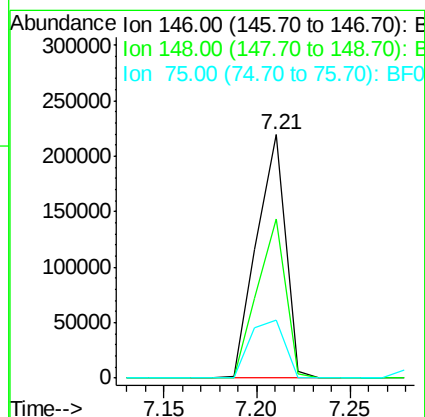
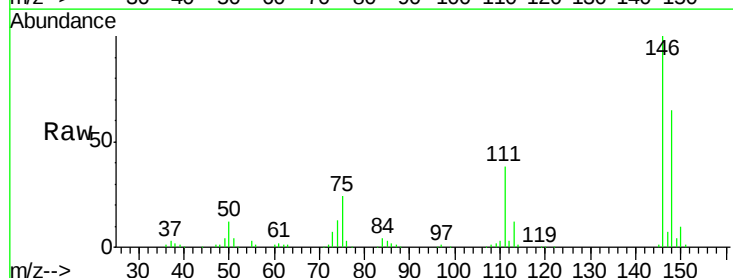
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

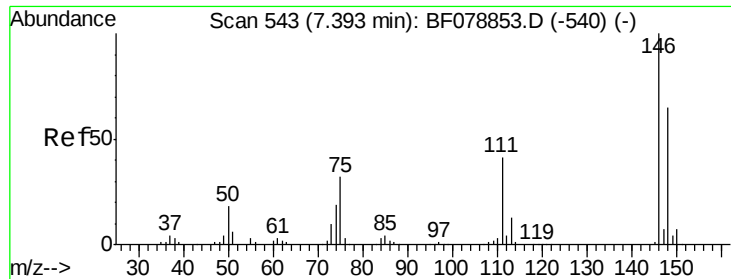
Tot Ion	Ratio	Lower	Upper
93	100		
63	81.6	64.8	104.8
95	32.0	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 40.64 ng
RT: 7.21 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF079157.D
Acq: 12 May 2015 14:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	50.2	75.2
75	23.8	29.2	43.8

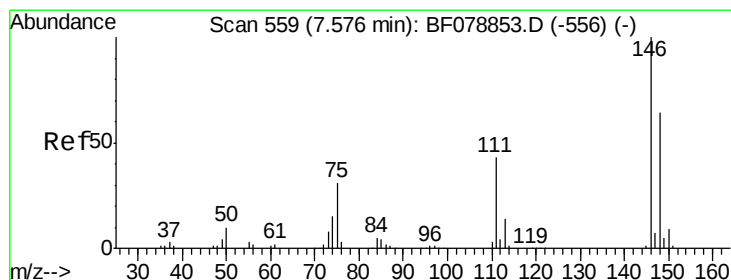
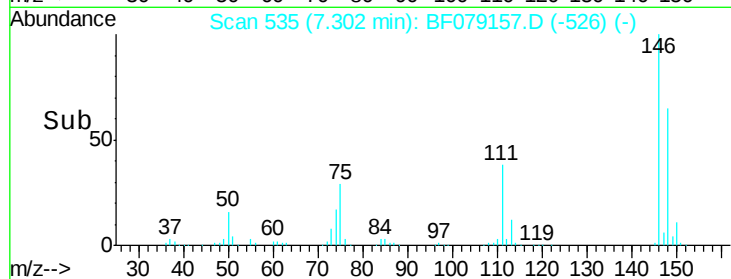
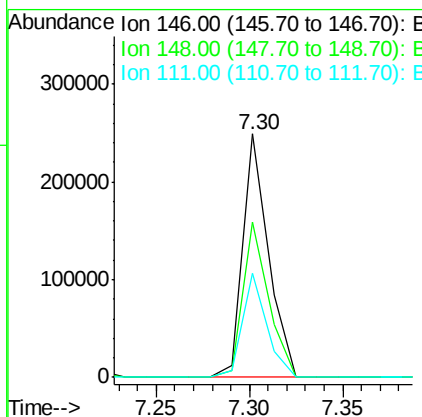
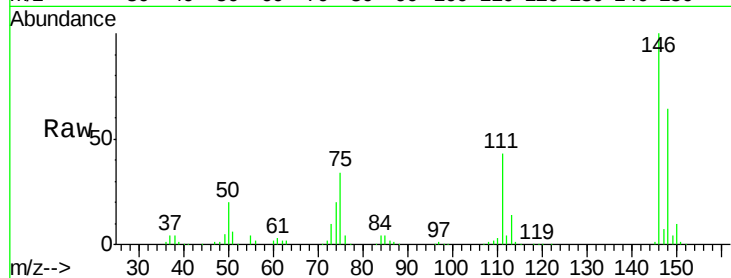




#13
 1,4-Dichlorobenzene
 Concen: 39.88 ng
 RT: 7.30 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: BF079157.D
 Acq: 12 May 2015 14:48

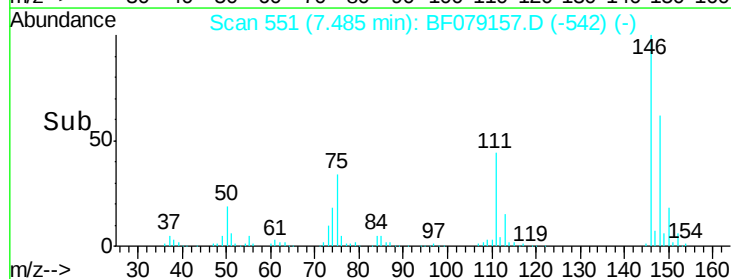
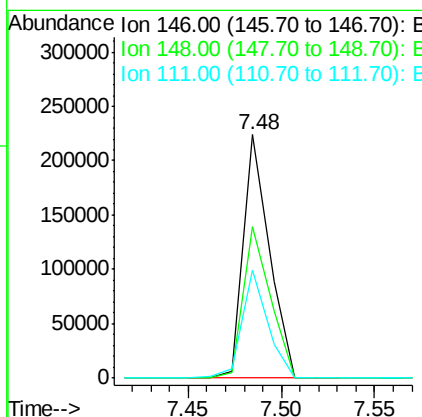
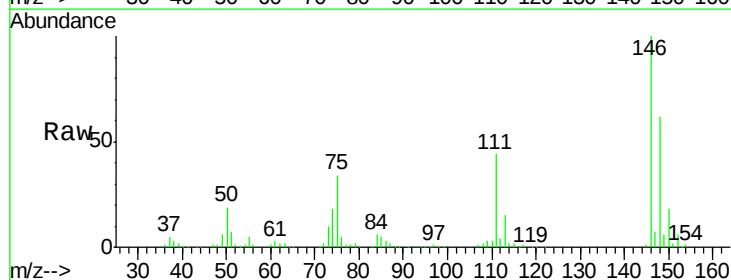
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:146 Resp: 237467
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.8 79.2
 111 42.8 31.7 47.5



#14
 1,2-Dichlorobenzene
 Concen: 39.56 ng
 RT: 7.48 min Scan# 551
 Delta R.T. 0.00 min
 Lab File: BF079157.D
 Acq: 12 May 2015 14:48

Tgt Ion:146 Resp: 219269
 Ion Ratio Lower Upper
 146 100
 148 62.1 51.2 76.8
 111 44.5 33.3 49.9





#15

Benzyl Alcohol

Concen: 38.26 ng

RT: 7.46 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF079157.D

Acq: 12 May 2015 14:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

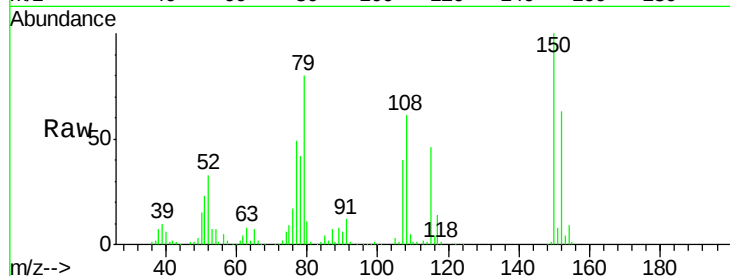
Tot Ion: 79 Resp: 170373

Ion Ratio Lower Upper

79 100

108 76.2 62.5 93.7

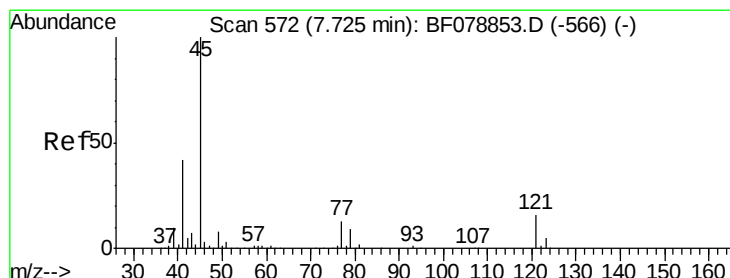
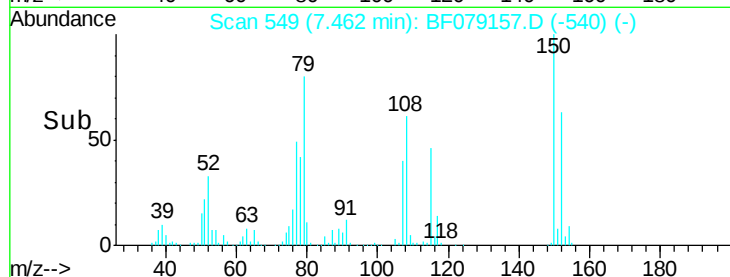
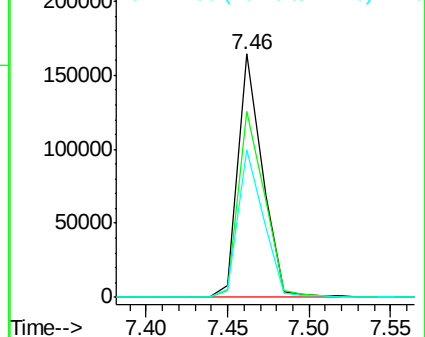
77 60.9 52.2 78.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.91 ng

RT: 7.64 min Scan# 565

Delta R.T. 0.00 min

Lab File: BF079157.D

Acq: 12 May 2015 14:48

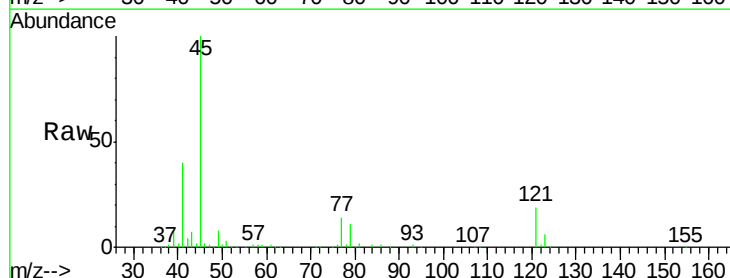
Tgt Ion: 45 Resp: 311475

Ion Ratio Lower Upper

45 100

77 13.5 0.0 32.3

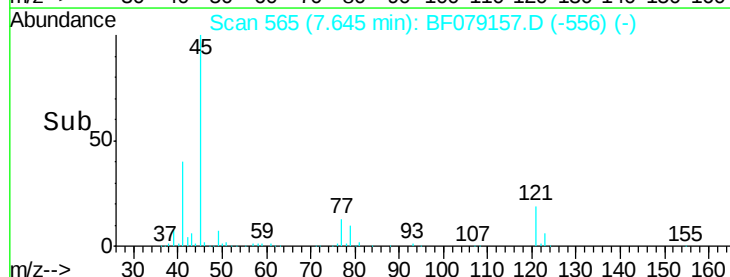
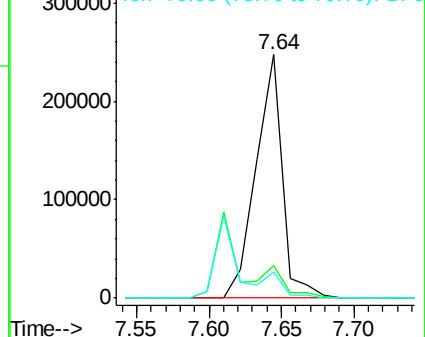
79 10.7 0.0 30.1

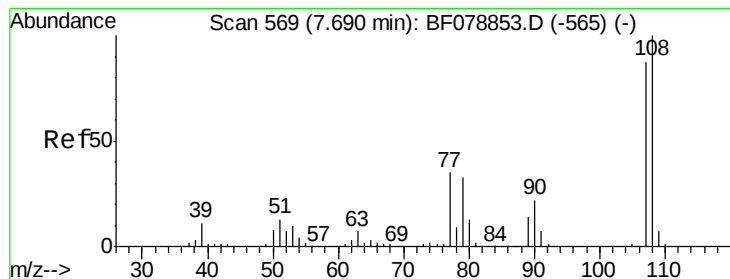


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 41.54 ng

RT: 7.61 min Scan# 562

Delta R.T. 0.00 min

Lab File: BF079157.D

Acq: 12 May 2015 14:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 172088

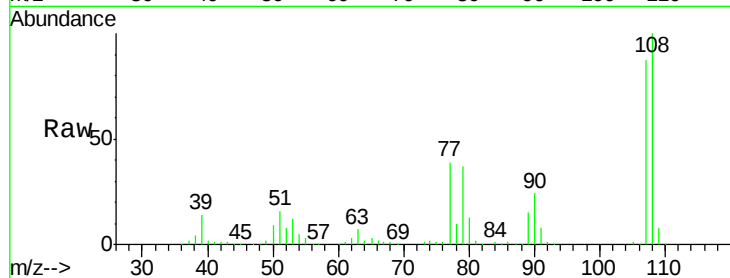
Ion Ratio Lower Upper

107 100

108 114.4 94.9 142.3

77 44.1 36.2 54.4

79 42.5 35.2 52.8

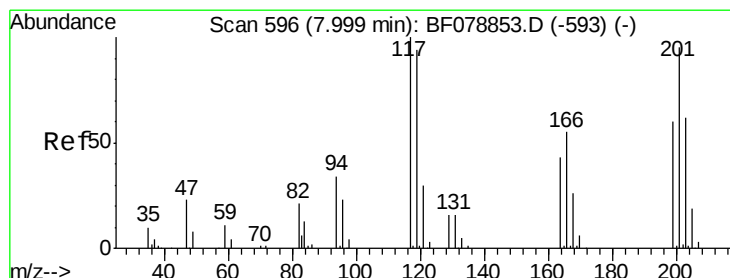
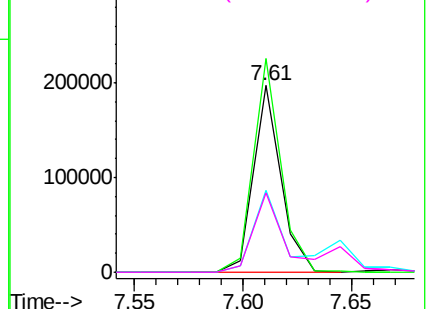
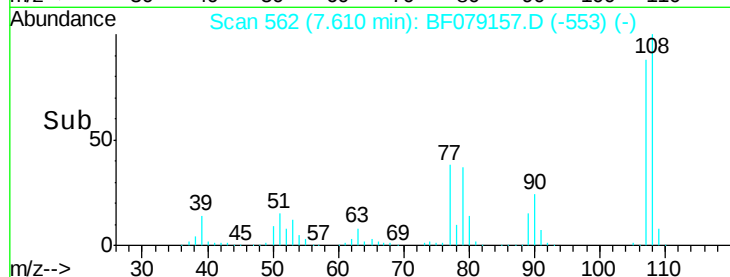


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.90 ng

RT: 7.91 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF079157.D

Acq: 12 May 2015 14:48

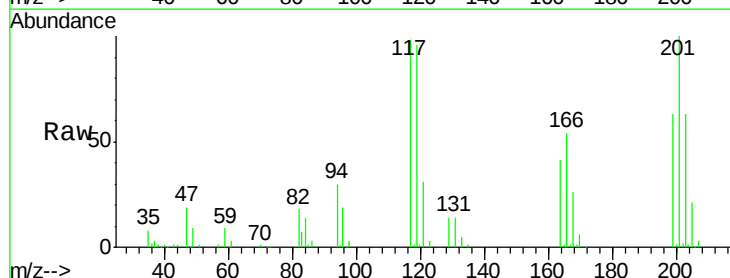
Tgt Ion:117 Resp: 83879

Ion Ratio Lower Upper

117 100

119 98.1 75.4 113.0

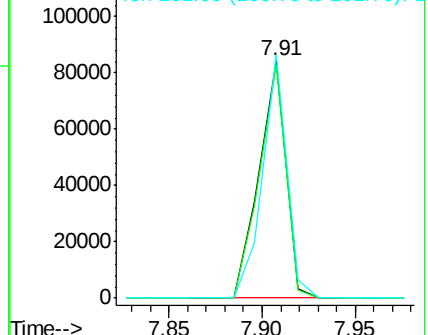
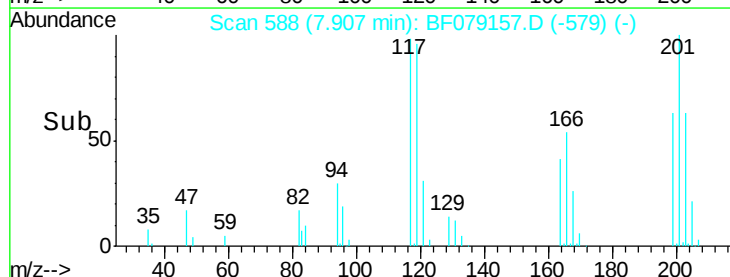
201 102.5 83.2 124.8

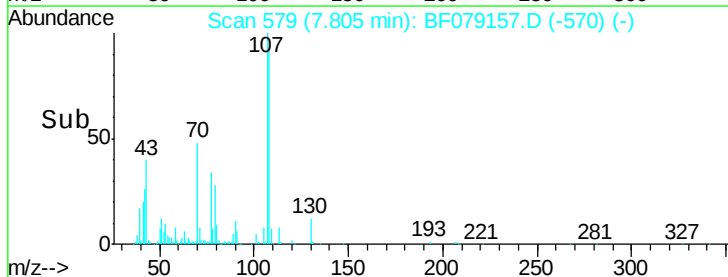
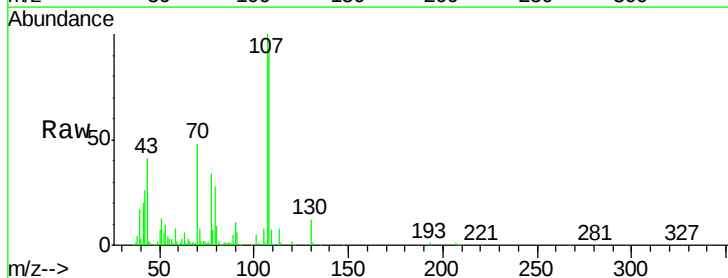
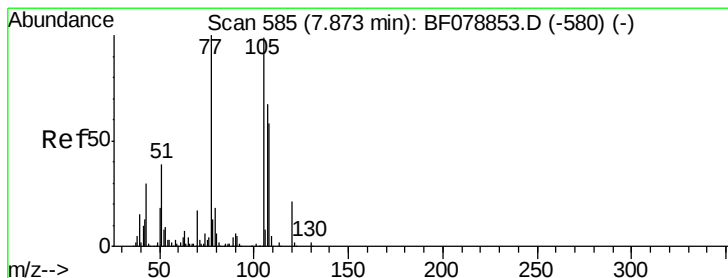
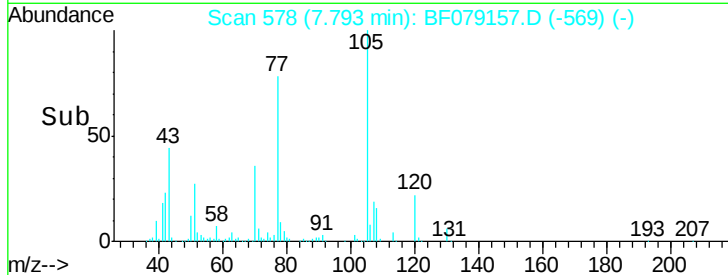
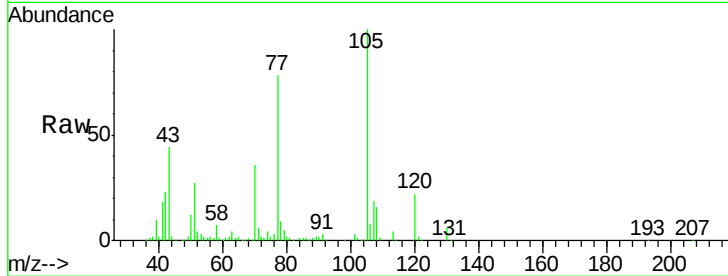
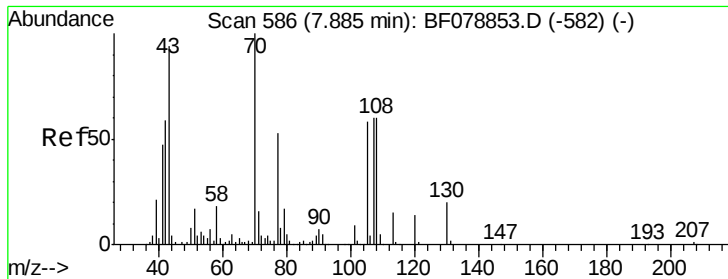


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

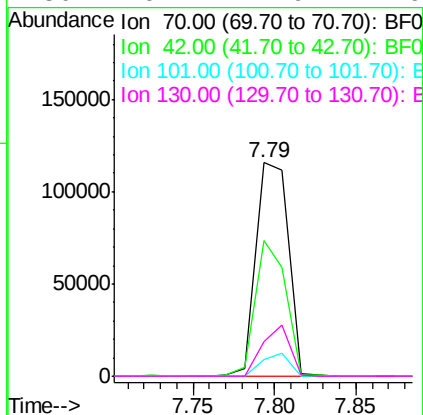




#19
n-Nitroso-di-n-propylamine
Concen: 39.57 ng
RT: 7.79 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF079157.D
Acq: 12 May 2015 14:48

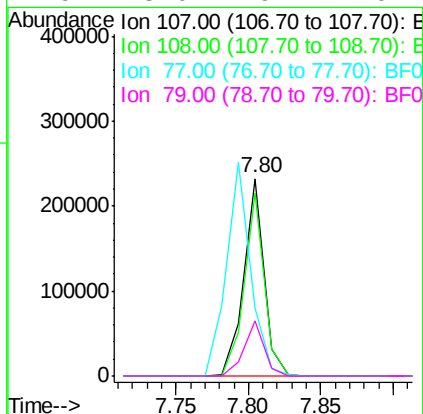
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

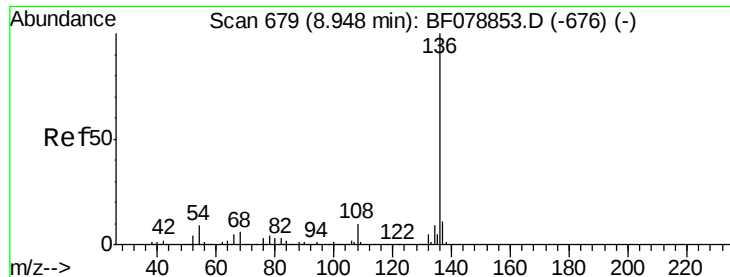
Tot Ion: 70 Resp: 160332
Ion Ratio Lower Upper
70 100
42 63.6 55.4 83.0
101 7.9 6.6 10.0
130 16.4 11.9 17.9



#20
3+4-Methylphenols
Concen: 41.09 ng
RT: 7.80 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF079157.D
Acq: 12 May 2015 14:48

Tgt Ion:107 Resp: 226802
Ion Ratio Lower Upper
107 100
108 92.7 76.9 116.9
77 34.3 136.8 176.8#
79 28.0 9.7 49.7





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.86 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF079157.D

Acq: 12 May 2015 14:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 323563

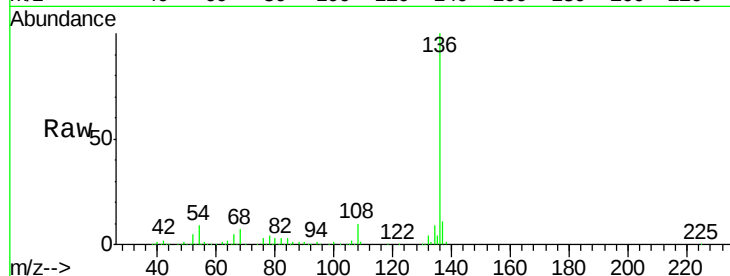
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 8.9 5.8 8.8#

68 6.8 4.2 6.4#

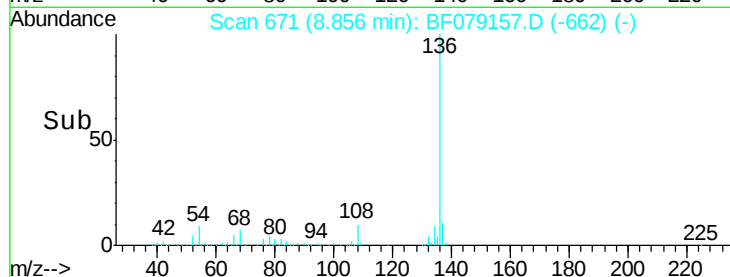


Abundance Ion 136.00 (135.70 to 136.70): E

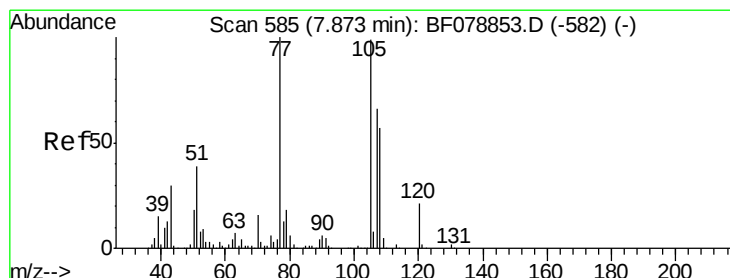
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 41.49 ng

RT: 7.79 min Scan# 578

Delta R.T. 0.00 min

Lab File: BF079157.D

Acq: 12 May 2015 14:48

Tgt Ion:105 Resp: 303267

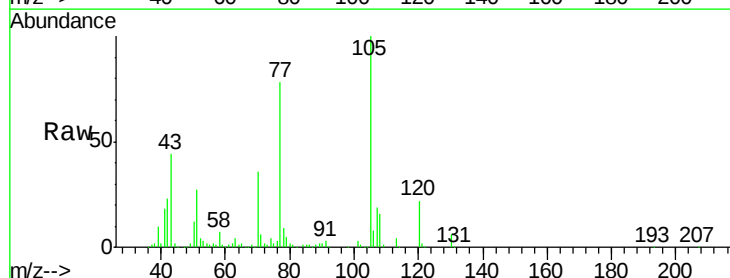
Ion Ratio Lower Upper

105 100

71 5.9 4.6 6.8

51 26.9 26.7 40.1

120 22.4 17.4 26.0

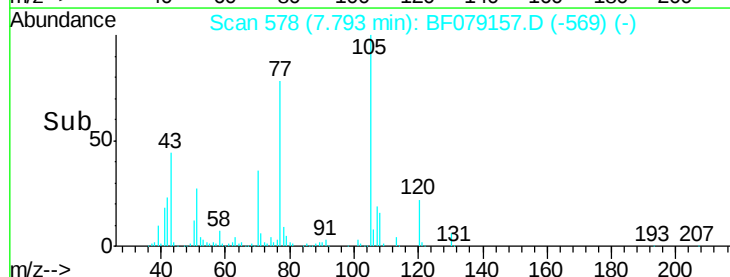


Abundance Ion 105.00 (104.70 to 105.70): E

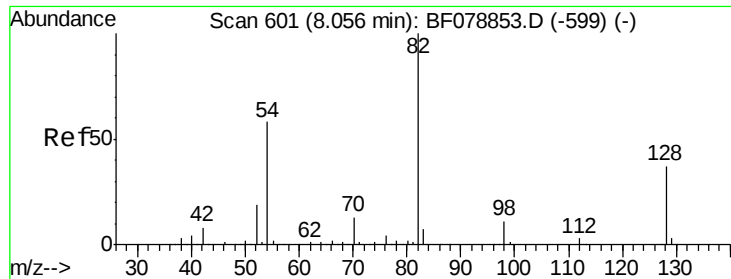
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



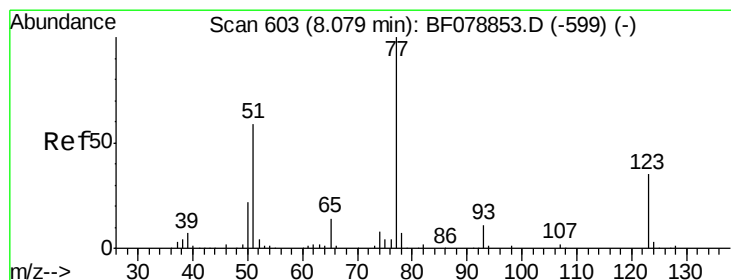
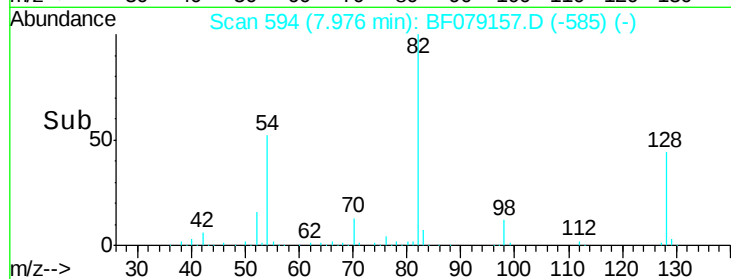
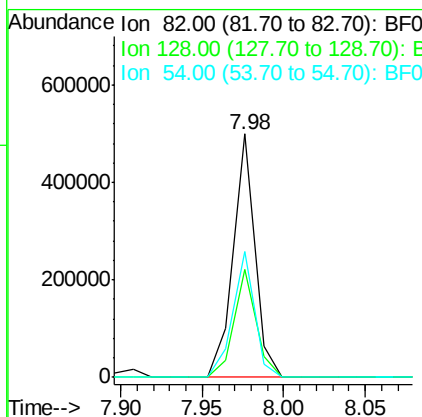
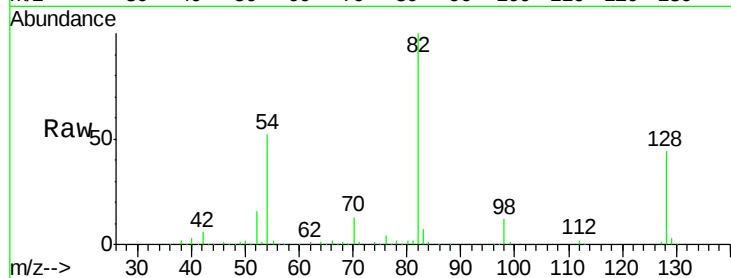
Time-->



#23
 Nitrobenzene-d5
 Concen: 81.13 ng
 RT: 7.98 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF079157.D
 Acq: 12 May 2015 14:48

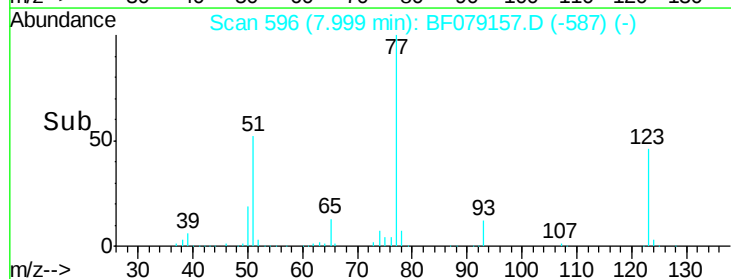
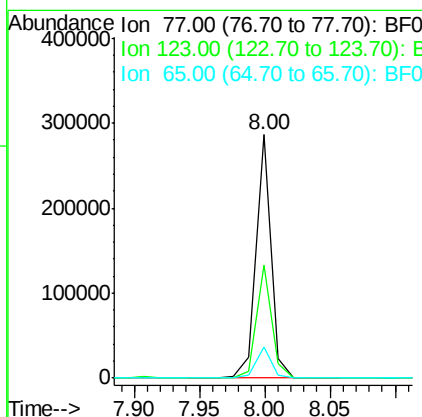
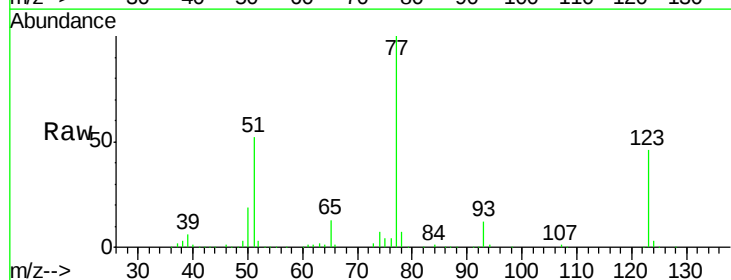
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

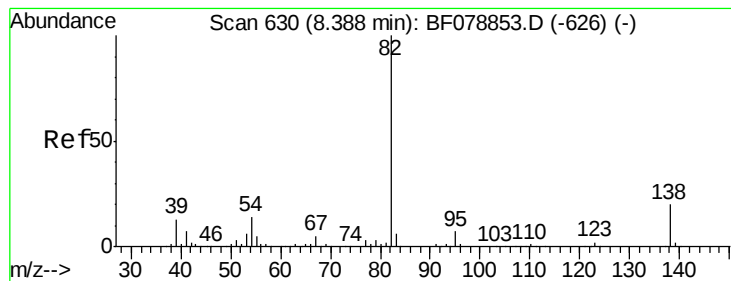
Tot Ion	82	Resp	456733
Ion Ratio	100	Lower	Upper
128	44.2	30.0	45.0
54	51.7	46.4	69.6



#24
 Nitrobenzene
 Concen: 41.45 ng
 RT: 8.00 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: BF079157.D
 Acq: 12 May 2015 14:48

Tgt Ion	77	Resp	231334
Ion Ratio	100	Lower	Upper
123	46.3	31.8	47.8
65	13.0	10.6	15.8





#25

Isophorone

Concen: 40.70 ng

RT: 8.30 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF079157.D

Acq: 12 May 2015 14:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

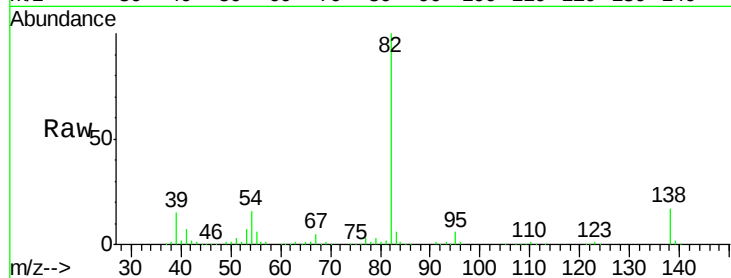
Tot Ion: 82 Resp: 424836

Ion Ratio Lower Upper

82 100

95 6.2 5.3 7.9

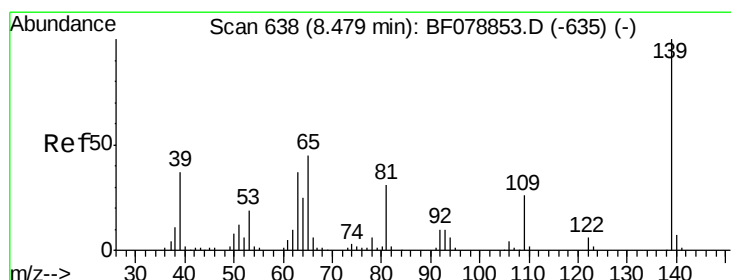
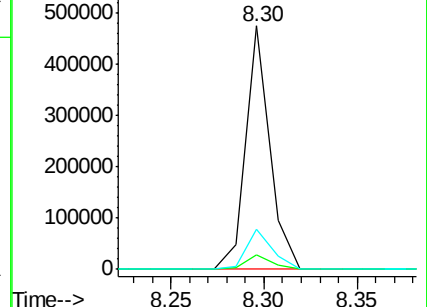
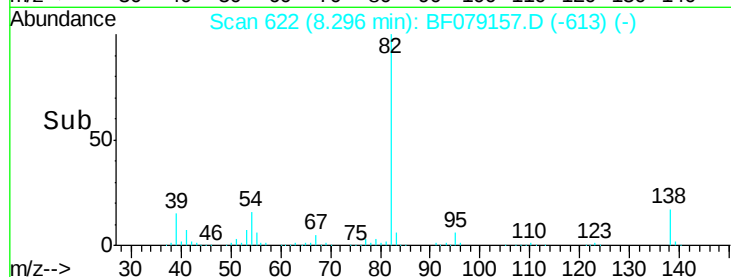
138 16.6 12.0 18.0



Abundance Ion 82.00 (81.70 to 82.70): BF078853.D (-626) (-)

Ion 95.00 (94.70 to 95.70): BF078853.D (-626) (-)

Ion 138.00 (137.70 to 138.70): BF078853.D (-626) (-)



#26

2-Nitrophenol

Concen: 46.53 ng

RT: 8.39 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF079157.D

Acq: 12 May 2015 14:48

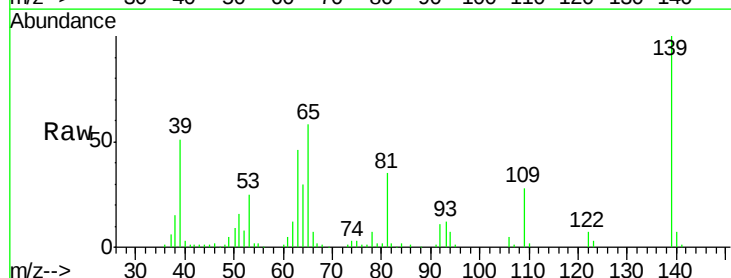
Tgt Ion: 139 Resp: 107464

Ion Ratio Lower Upper

139 100

109 27.6 21.0 31.4

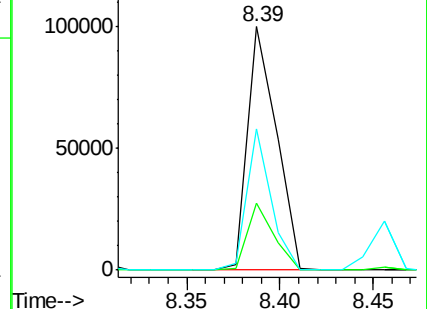
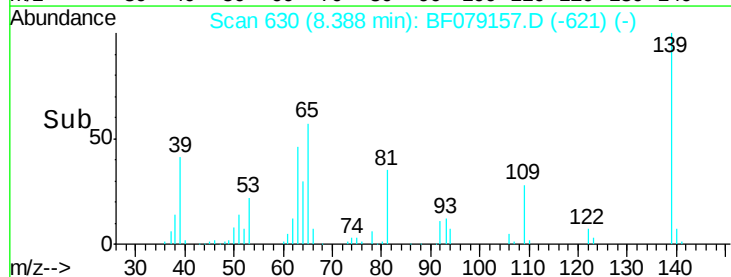
65 57.8 30.5 45.7#



Abundance Ion 139.00 (138.70 to 139.70): BF078853.D (-635) (-)

Ion 109.00 (108.70 to 109.70): BF078853.D (-635) (-)

Ion 65.00 (64.70 to 65.70): BF078853.D (-635) (-)





#27

2,4-Dimethylphenol

Concen: 43.21 ng

RT: 8.46 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF079157.D

Acq: 12 May 2015 14:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

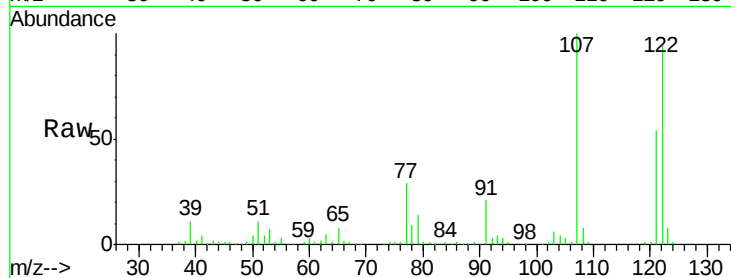
Tot Ion:122 Resp: 199726

Ion Ratio Lower Upper

122 100

107 106.8 90.6 135.8

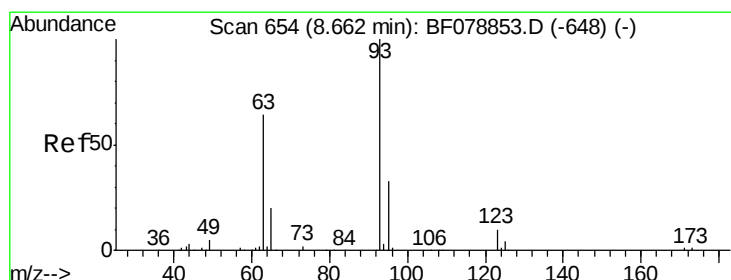
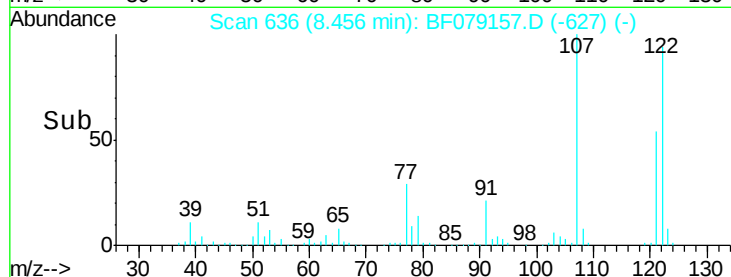
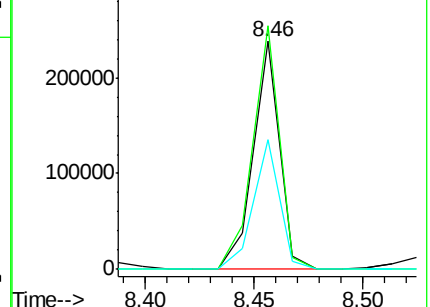
121 57.2 45.4 68.2



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: 39.85 ng

RT: 8.58 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF079157.D

Acq: 12 May 2015 14:48

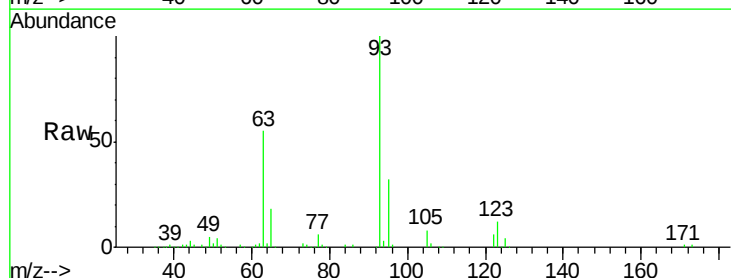
Tgt Ion: 93 Resp: 256434

Ion Ratio Lower Upper

93 100

95 32.3 26.7 40.1

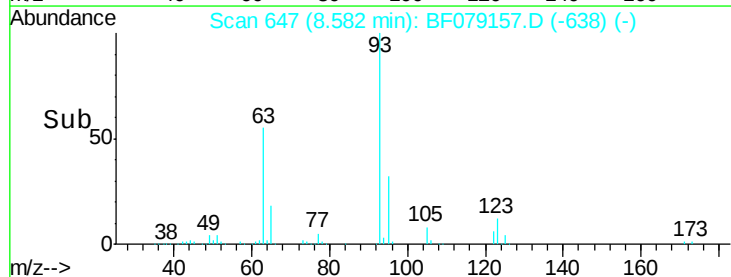
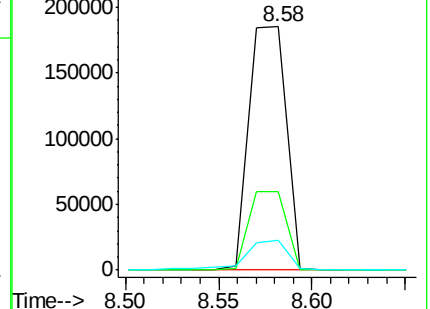
123 12.3 9.1 13.7

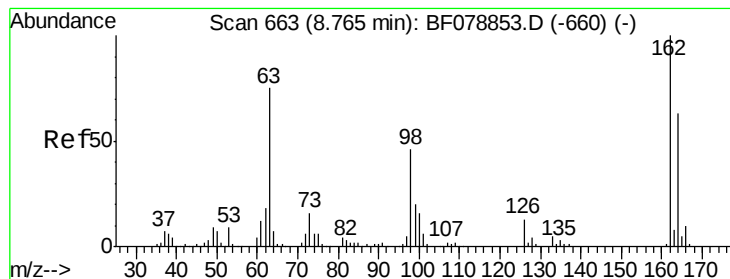


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 43.26 ng

RT: 8.70 min Scan# 657

Delta R.T. 0.00 min

Lab File: BF079157.D

Acq: 12 May 2015 14:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

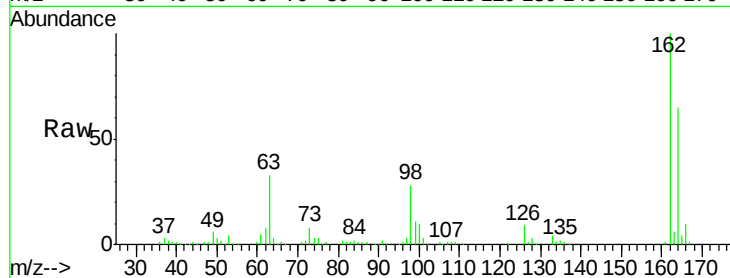
Tot Ion:162 Resp: 177801

Ion Ratio Lower Upper

162 100

164 65.3 43.6 83.6

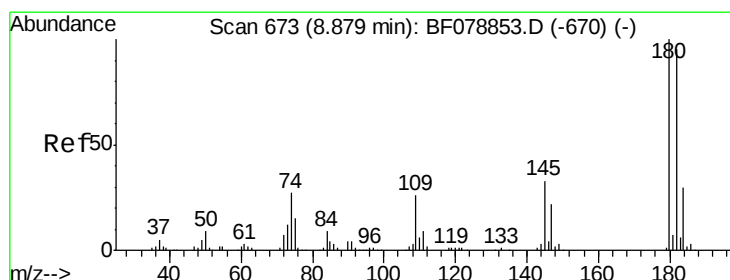
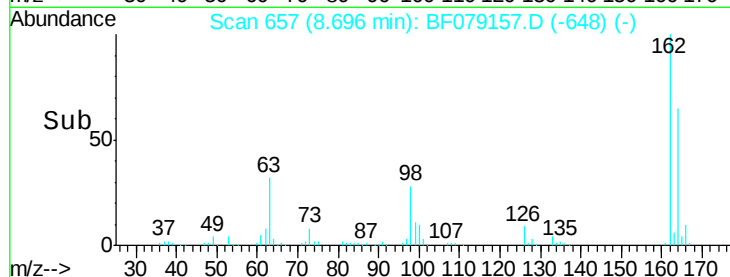
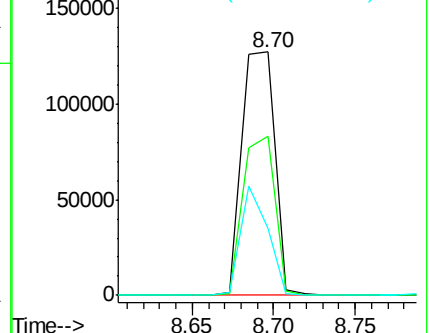
98 27.7 16.5 56.5



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: 39.58 ng

RT: 8.79 min Scan# 665

Delta R.T. 0.00 min

Lab File: BF079157.D

Acq: 12 May 2015 14:48

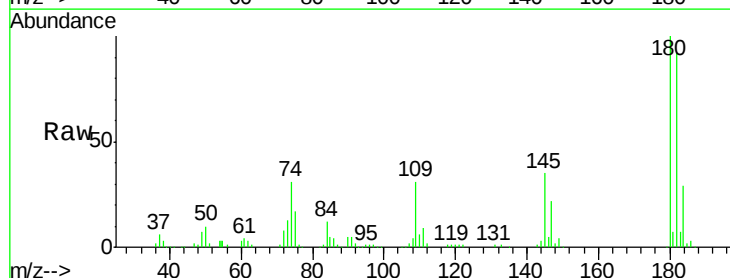
Tgt Ion:180 Resp: 178708

Ion Ratio Lower Upper

180 100

182 92.1 78.9 118.3

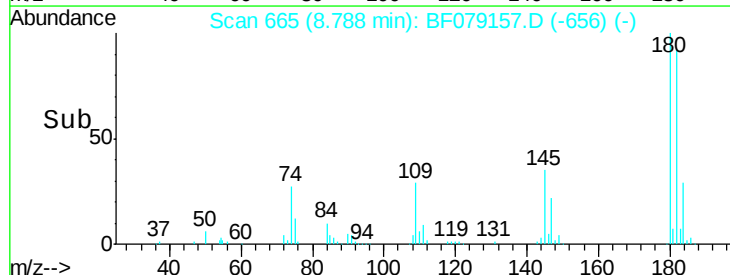
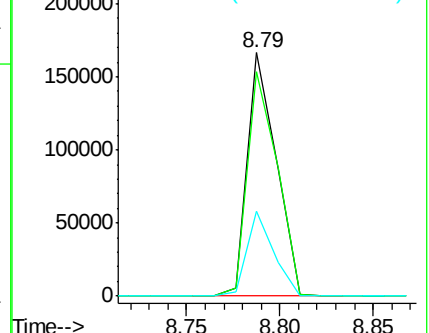
145 35.1 24.2 36.4



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

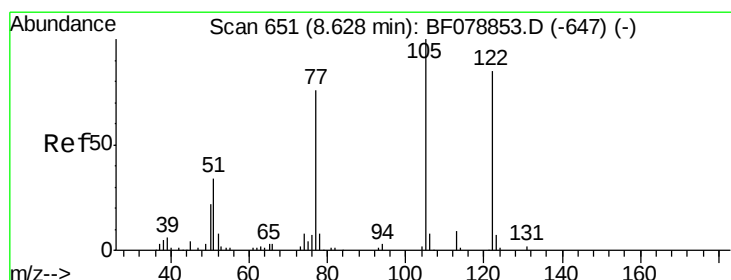
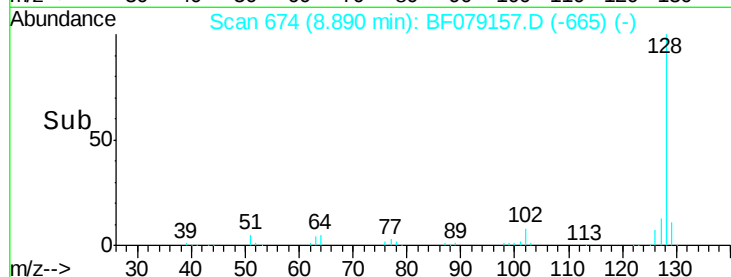
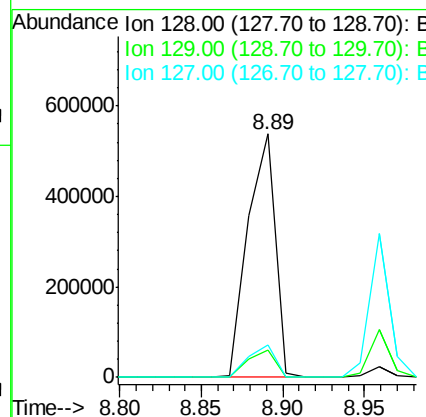
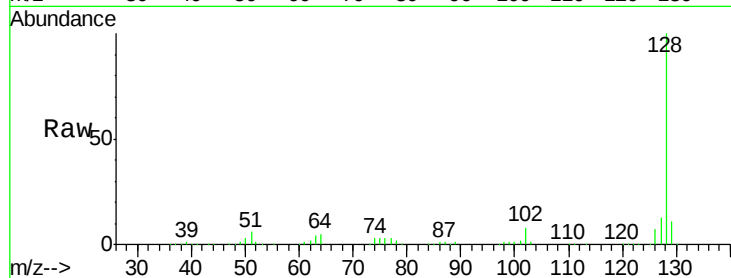




#31
Naphthalene
Concen: 40.49 ng
RT: 8.89 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF079157.D
Acq: 12 May 2015 14:48

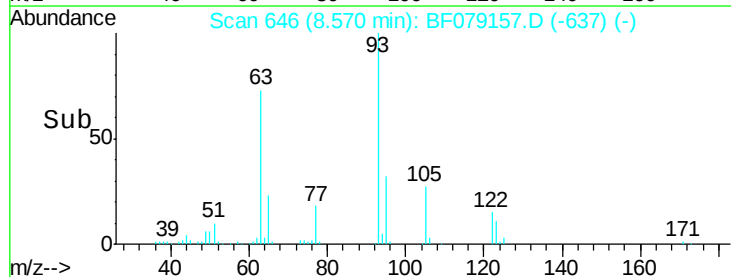
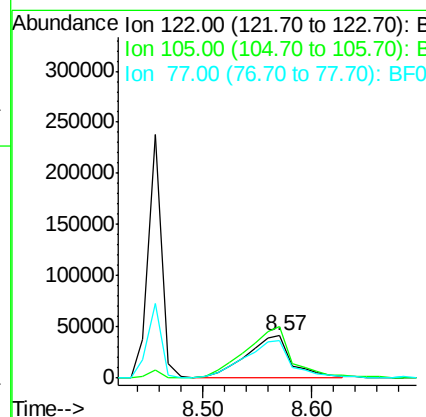
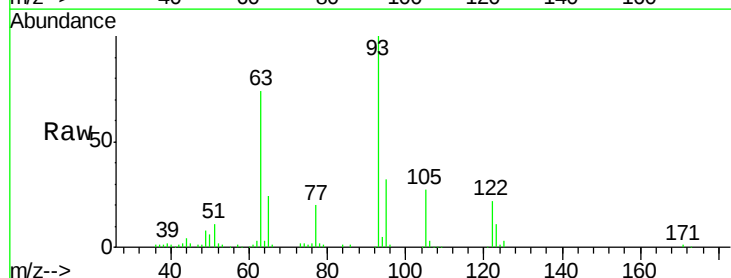
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

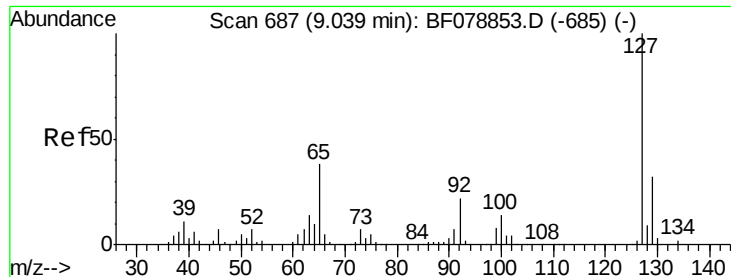
Tot Ion:128 Resp: 624254
Ion Ratio Lower Upper
128 100
129 11.0 9.3 13.9
127 13.2 10.7 16.1



#32
Benzoic acid
Concen: 42.16 ng
RT: 8.57 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF079157.D
Acq: 12 May 2015 14:48

Tgt Ion:122 Resp: 119508
Ion Ratio Lower Upper
122 100
105 120.7 107.1 147.1
77 87.4 73.9 113.9

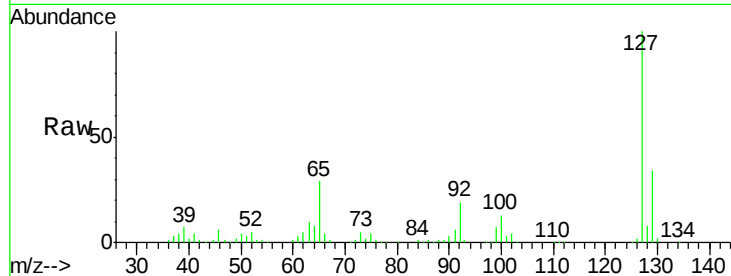




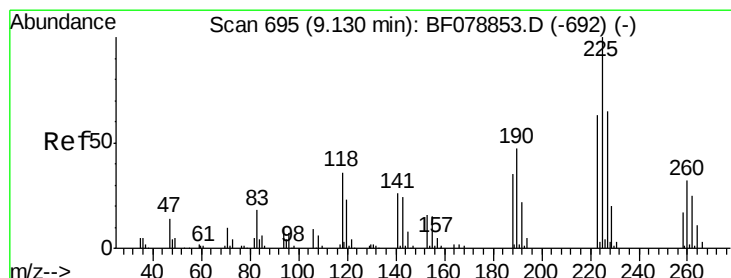
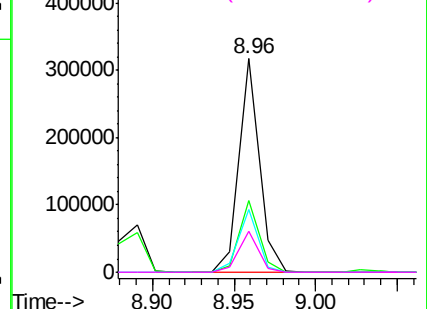
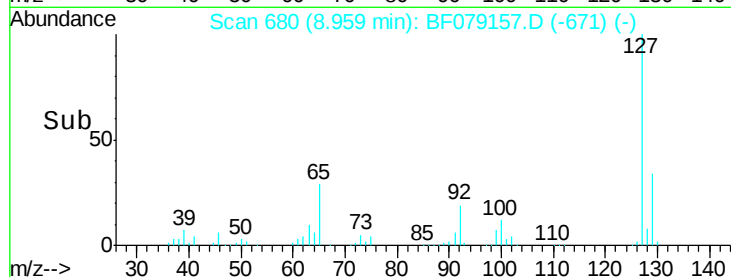
#33
4-Chloroaniline
Concen: 41.80 ng
RT: 8.96 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF079157.D
Acq: 12 May 2015 14:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	272670
Ion	Ratio	Lower	Upper
127	100		
129	33.7	25.8	38.8
65	29.3	25.8	38.6
92	19.3	15.5	23.3

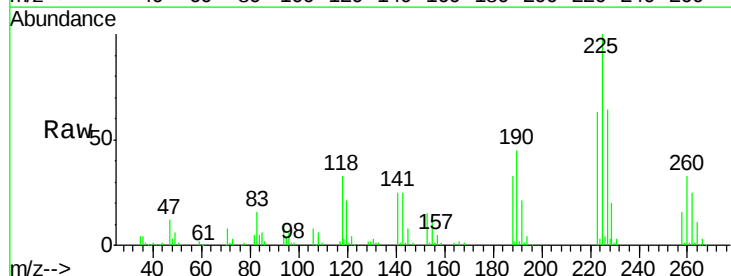


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

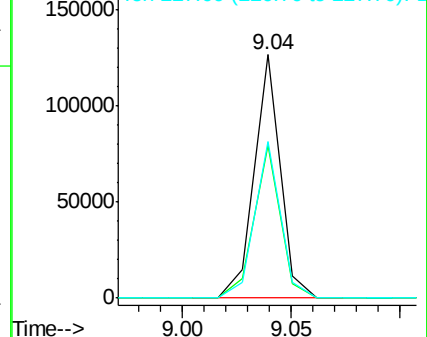
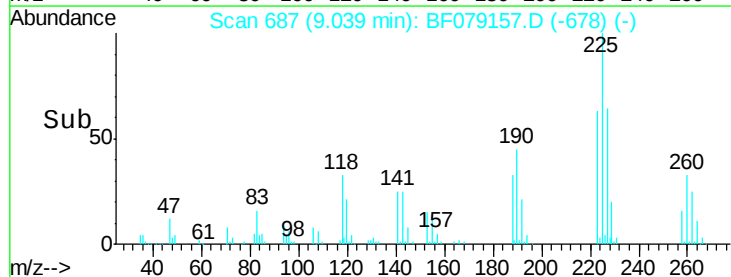


#34
Hexachlorobutadiene
Concen: 40.40 ng
RT: 9.04 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF079157.D
Acq: 12 May 2015 14:48

Tgt Ion:	225	Resp:	105050
Ion	Ratio	Lower	Upper
225	100		
223	62.9	48.2	72.4
227	64.4	51.4	77.0



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

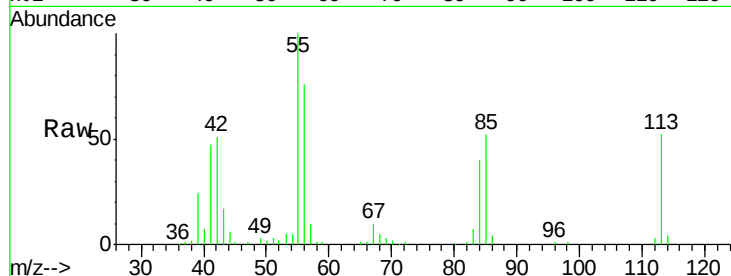




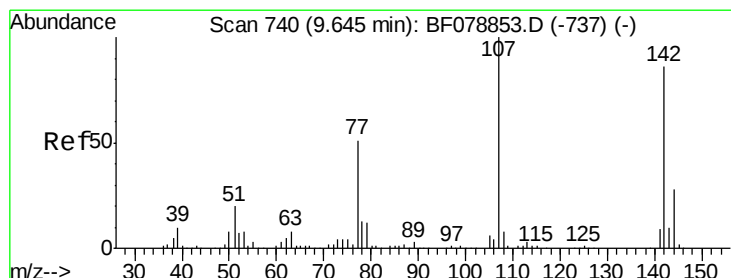
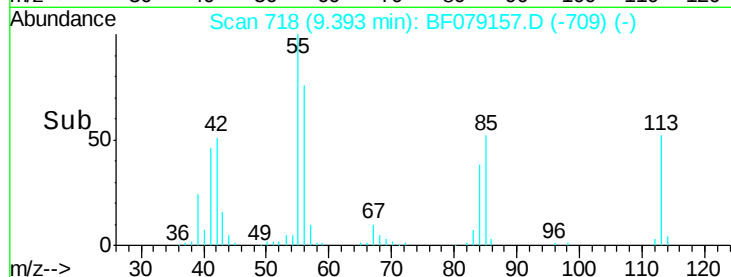
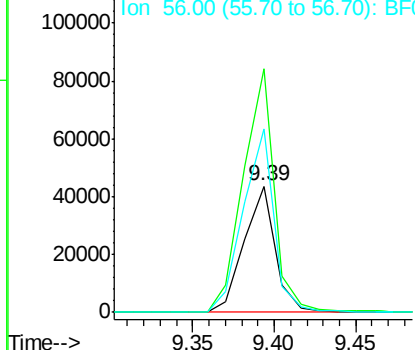
#35
Caprolactam
Concen: 43.16 ng
RT: 9.39 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF079157.D
Acq: 12 May 2015 14:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:113 Resp: 57367
Ion Ratio Lower Upper
113 100
55 193.5 169.7 209.7
56 146.2 122.5 162.5

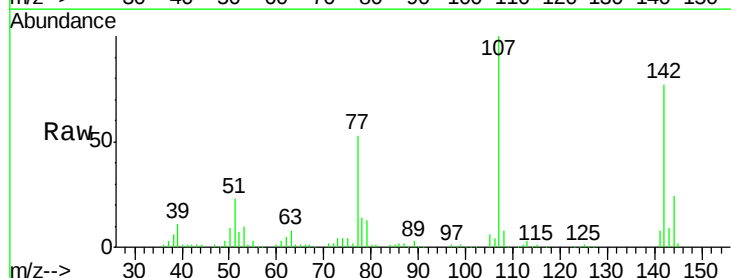


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

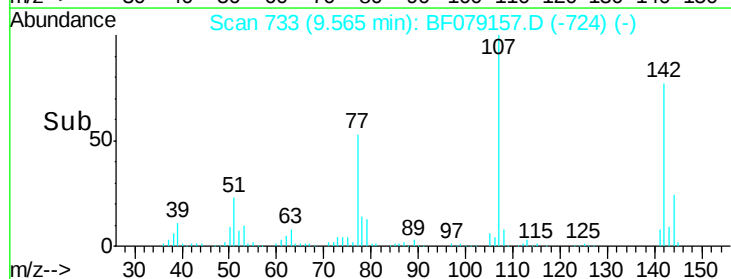
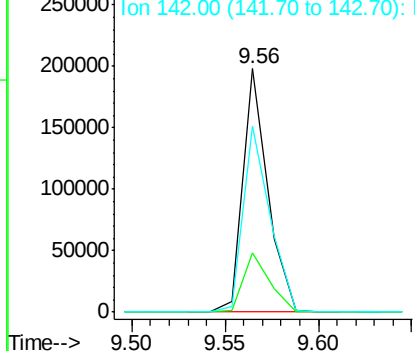


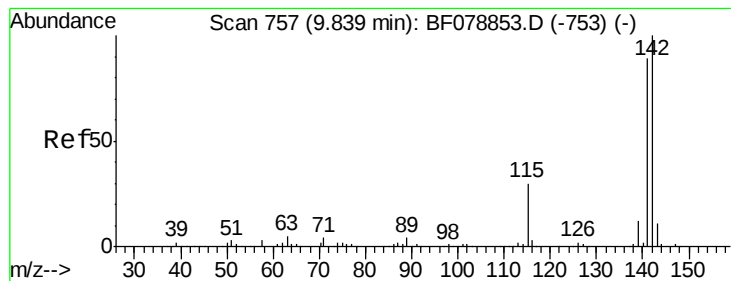
#36
4-Chloro-3-methylphenol
Concen: 42.68 ng
RT: 9.56 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF079157.D
Acq: 12 May 2015 14:48

Tgt Ion:107 Resp: 184246
Ion Ratio Lower Upper
107 100
144 24.5 19.8 29.6
142 76.6 60.6 91.0



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: 42.10 ng

RT: 9.75 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF079157.D

Acq: 12 May 2015 14:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

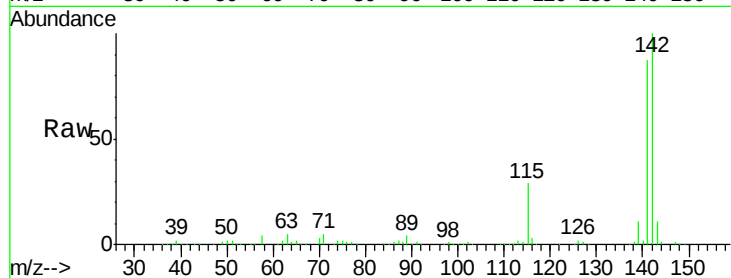
Tot Ion:142 Resp: 449796

Ion Ratio Lower Upper

142 100

141 86.9 70.9 106.3

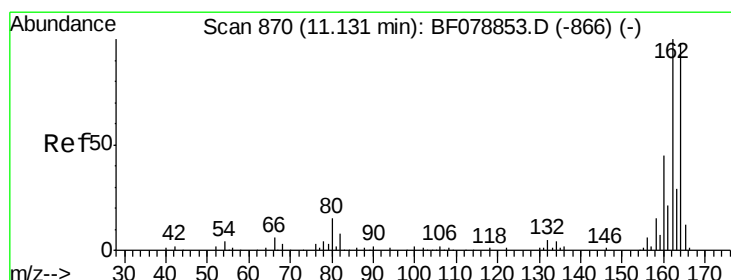
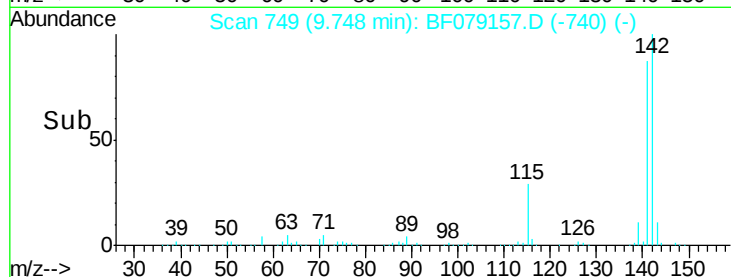
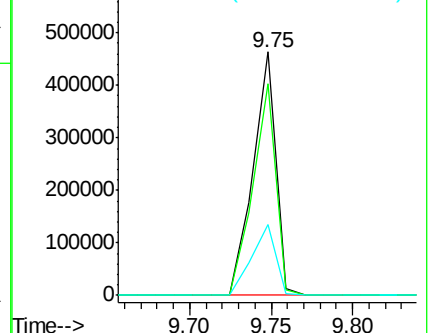
115 29.1 28.5 42.7



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: 11.04 min Scan# 862

Delta R.T. 0.00 min

Lab File: BF079157.D

Acq: 12 May 2015 14:48

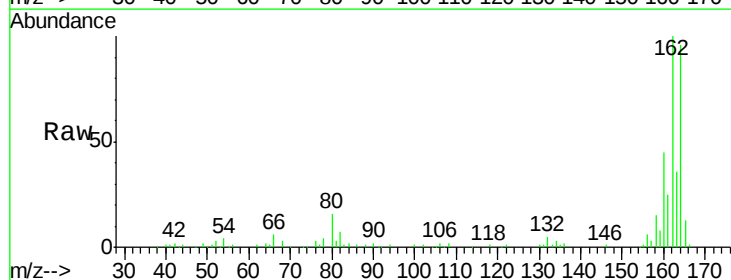
Tgt Ion:164 Resp: 157708

Ion Ratio Lower Upper

164 100

162 103.8 82.7 124.1

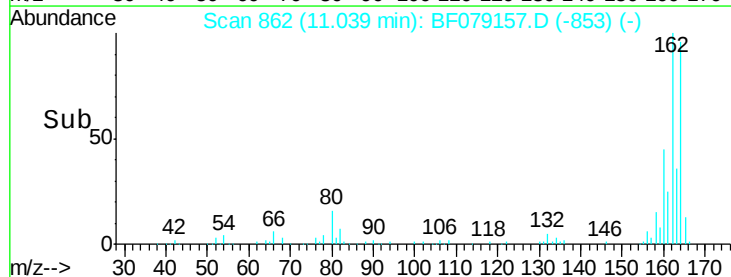
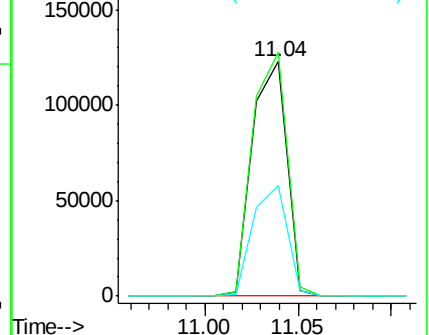
160 47.0 35.8 53.8

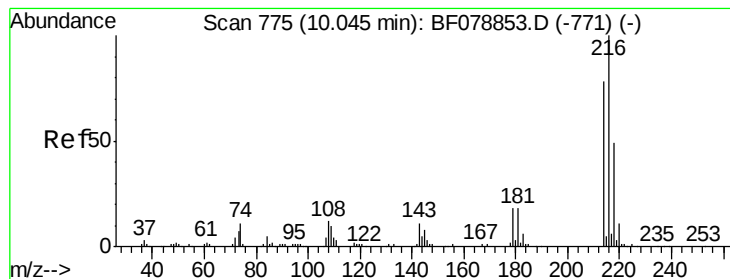


Abundance Ion 164.00 (163.70 to 164.70): E

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: 39.91 ng

RT: 9.95 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF079157.D

Acq: 12 May 2015 14:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 177276

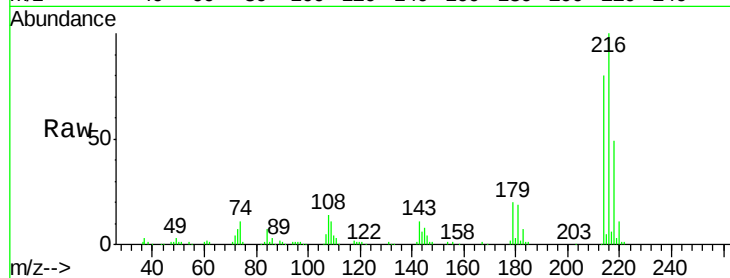
Ion Ratio Lower Upper

216 100

214 79.6 0.0 0.0#

179 21.7 0.0 0.0#

108 20.9 0.0 0.0#

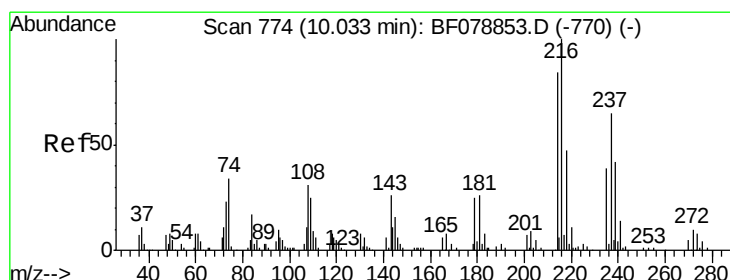
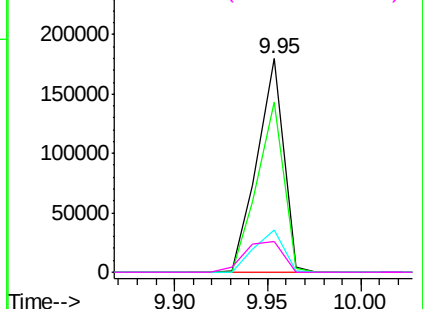
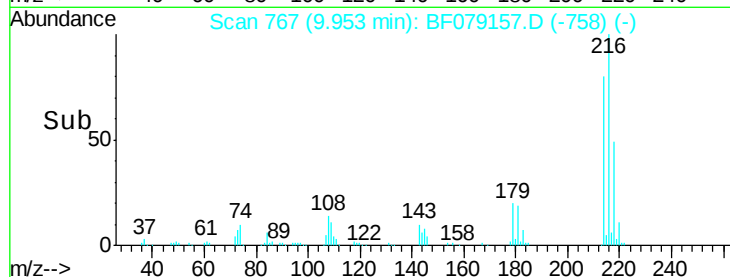


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 32.27 ng

RT: 9.93 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF079157.D

Acq: 12 May 2015 14:48

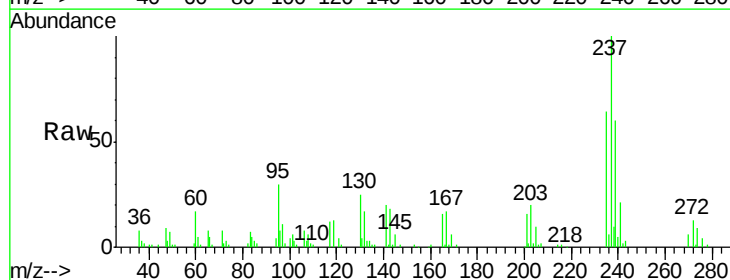
Tgt Ion:237 Resp: 72079

Ion Ratio Lower Upper

237 100

235 63.6 44.7 84.7

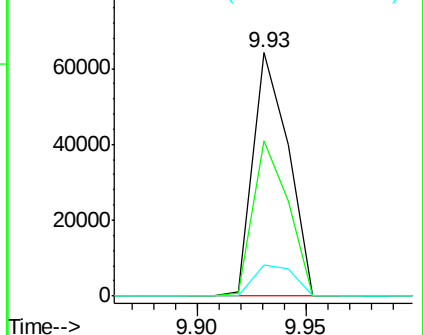
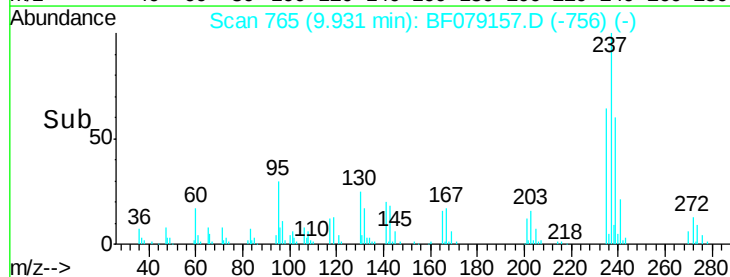
272 12.6 0.0 32.6

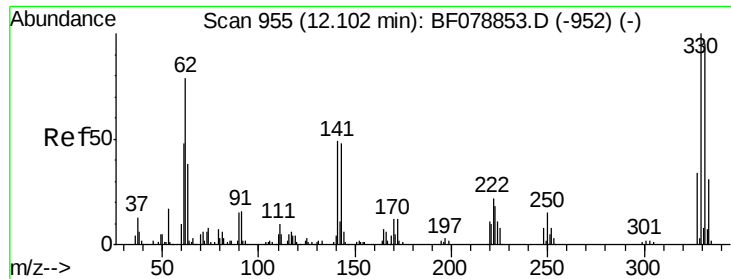


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

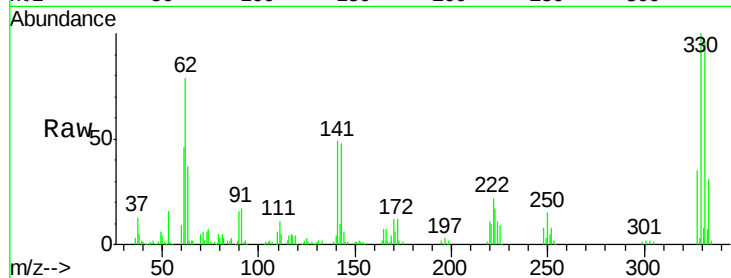




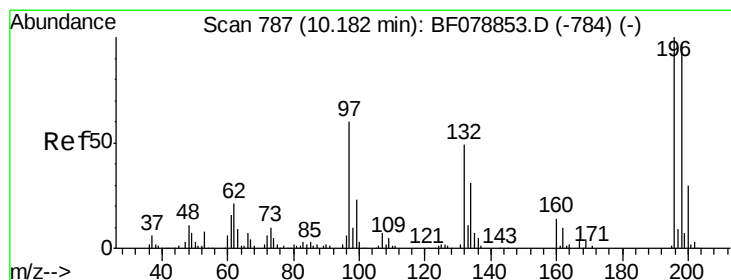
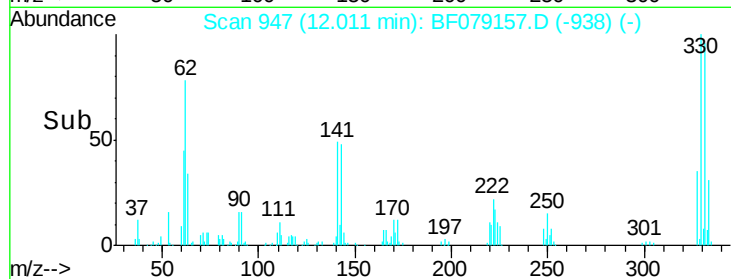
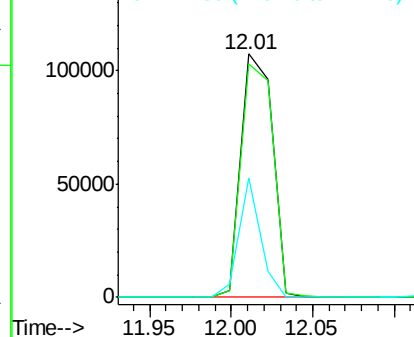
#41
 2,4,6-Tribromophenol
 Concen: 84.34 ng
 RT: 12.01 min Scan# 947
 Delta R.T. 0.00 min
 Lab File: BF079157.D
 Acq: 12 May 2015 14:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:330 Resp: 143889
 Ion Ratio Lower Upper
 330 100
 332 97.5 0.0 0.0#
 141 33.6 0.0 0.0#

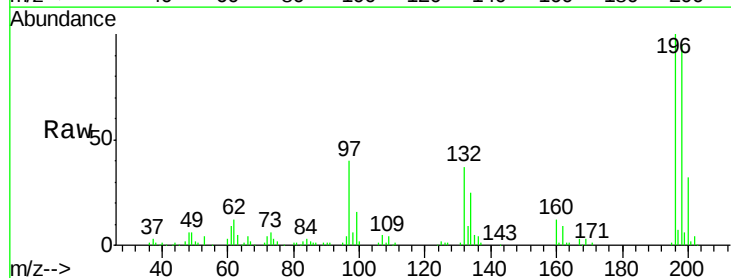


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

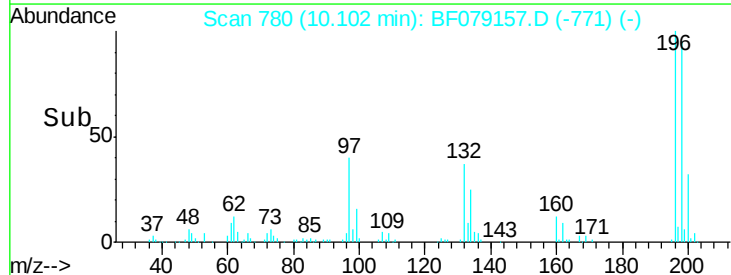
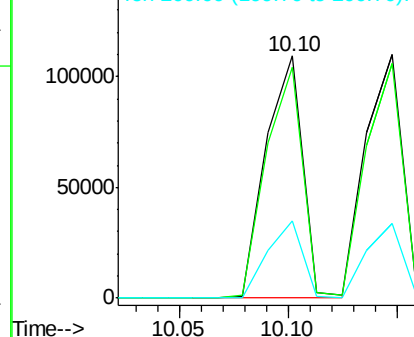


#42
 2,4,6-Trichlorophenol
 Concen: 42.53 ng
 RT: 10.10 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BF079157.D
 Acq: 12 May 2015 14:48

Tgt Ion:196 Resp: 129879
 Ion Ratio Lower Upper
 196 100
 198 95.4 80.5 120.7
 200 31.7 24.9 37.3



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

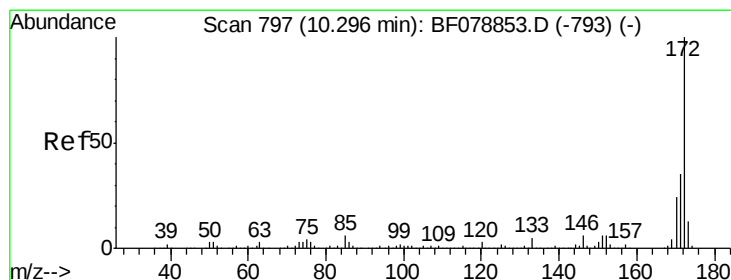
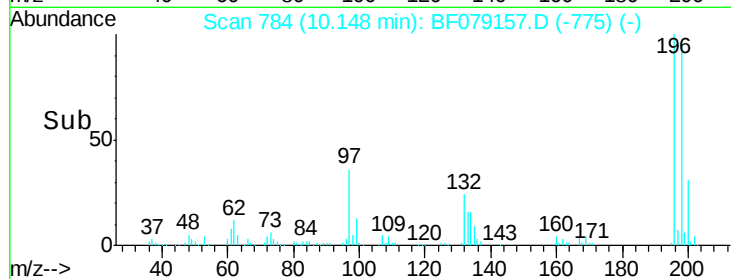
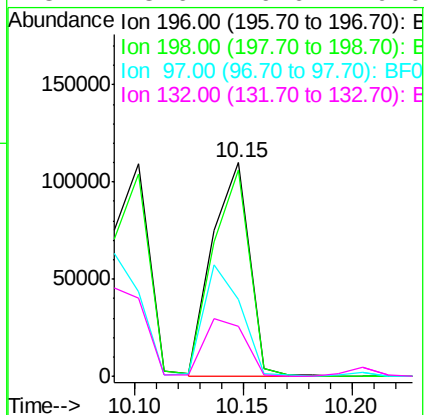
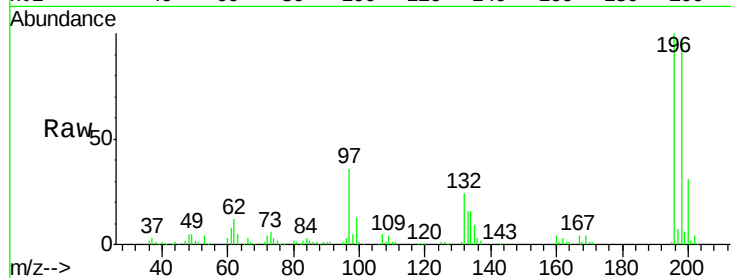




#43
 2,4,5-Trichlorophenol
 Concen: 42.18 ng
 RT: 10.15 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF079157.D
 Acq: 12 May 2015 14:48

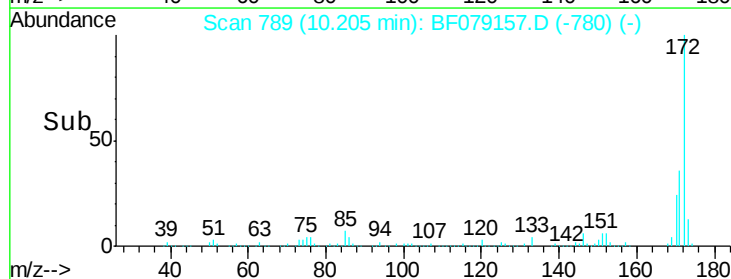
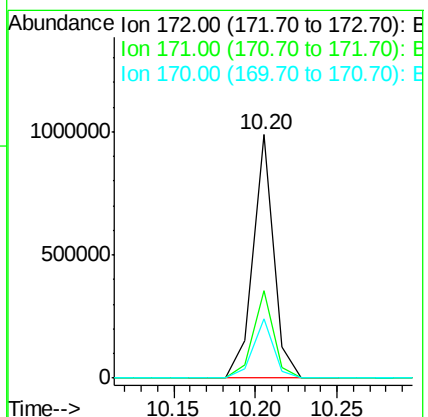
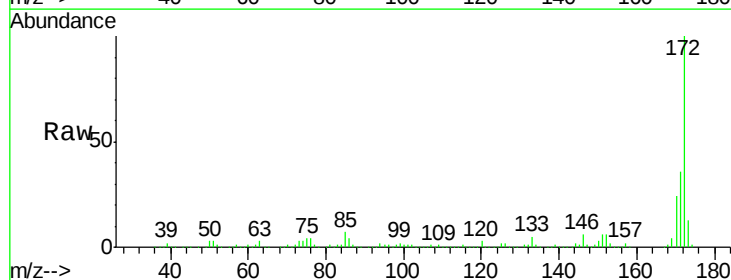
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

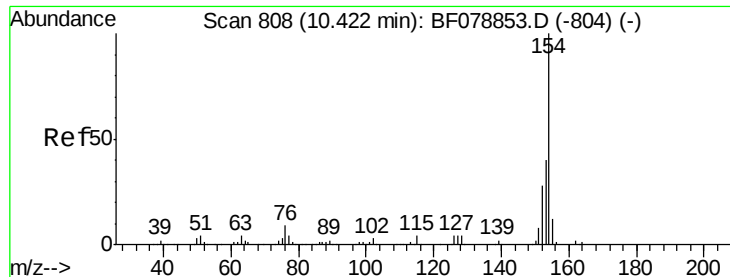
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.6	79.8	119.6
97	36.0	46.0	69.0#
132	23.6	26.6	40.0#



#44
 2-Fluorobiphenyl
 Concen: 76.86 ng
 RT: 10.20 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF079157.D
 Acq: 12 May 2015 14:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	27.9	41.9
170	24.4	19.4	29.0





#45

1,1'-Biphenyl

Concen: 40.38 ng

RT: 10.33 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF079157.D

Acq: 12 May 2015 14:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

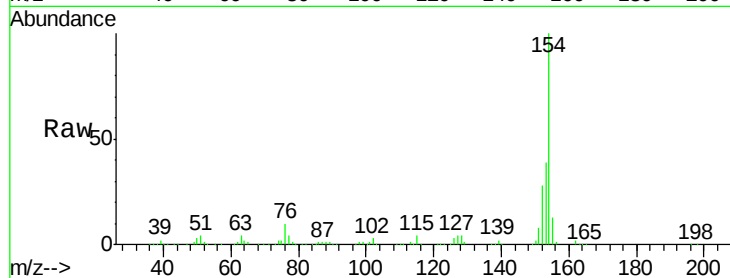
Tot Ion:154 Resp: 506257

Ion Ratio Lower Upper

154 100

153 39.5 19.9 59.9

76 9.6 0.0 35.0



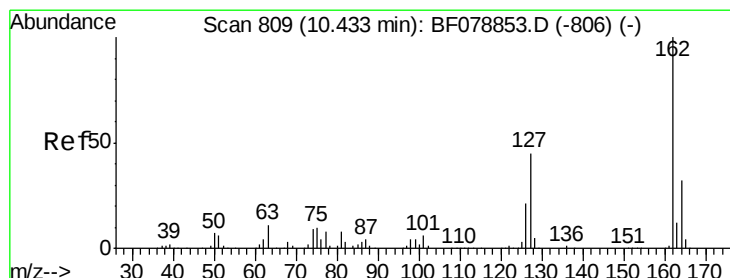
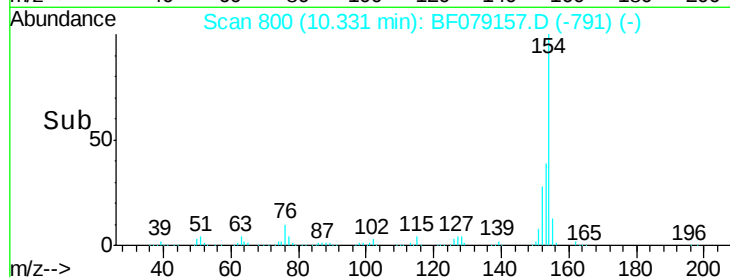
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

10.33

Time--> 10.25 10.30 10.35



#46

2-Chloronaphthalene

Concen: 40.12 ng

RT: 10.34 min Scan# 801

Delta R.T. 0.00 min

Lab File: BF079157.D

Acq: 12 May 2015 14:48

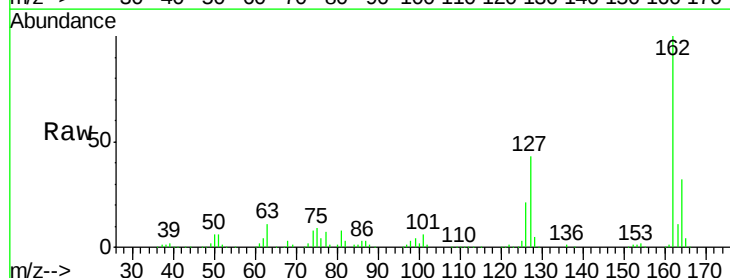
Tgt Ion:162 Resp: 392330

Ion Ratio Lower Upper

162 100

127 43.3 33.9 50.9

164 31.7 26.3 39.5



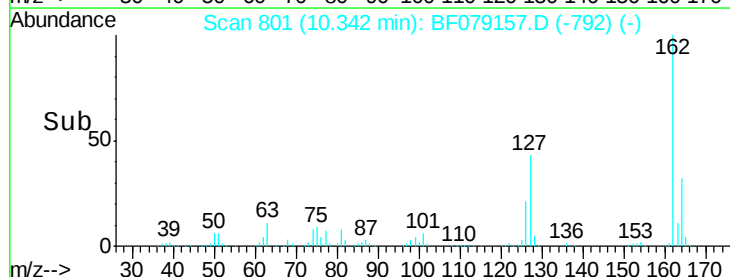
Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

10.34

Time--> 10.30 10.35 10.40

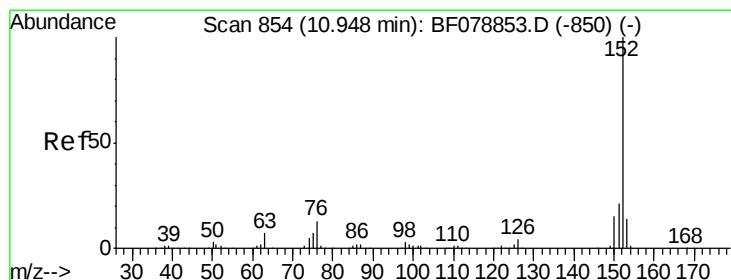
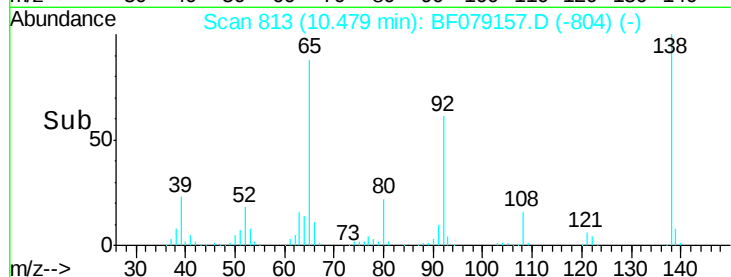
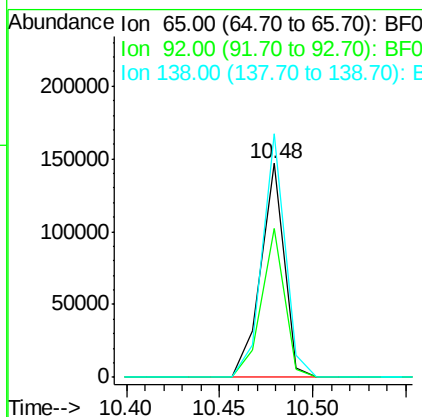
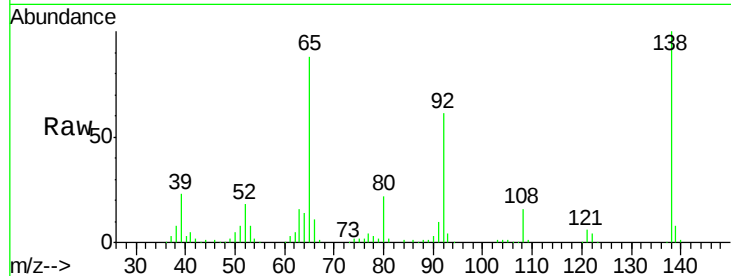




#47
2-Nitroaniline
Concen: 44.97 ng
RT: 10.48 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF079157.D
Acq: 12 May 2015 14:48

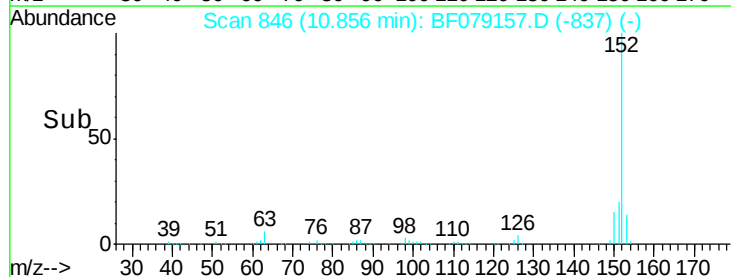
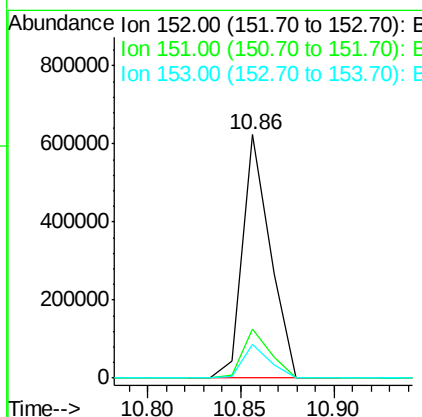
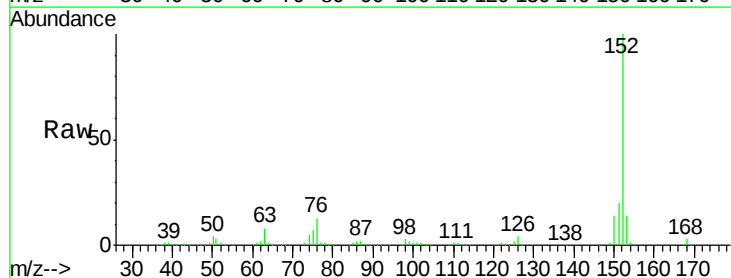
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

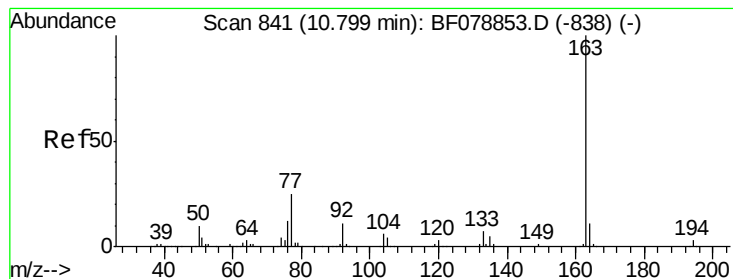
Tot Ion: 65 Resp: 127434
Ion Ratio Lower Upper
65 100
92 69.8 54.0 81.0
138 113.8 75.0 112.6#



#48
Acenaphthylene
Concen: 39.99 ng
RT: 10.86 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF079157.D
Acq: 12 May 2015 14:48

Tgt Ion: 152 Resp: 642170
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 13.7 10.9 16.3





#49

Dimethylphthalate

Concen: 40.95 ng

RT: 10.72 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF079157.D

Acq: 12 May 2015 14:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

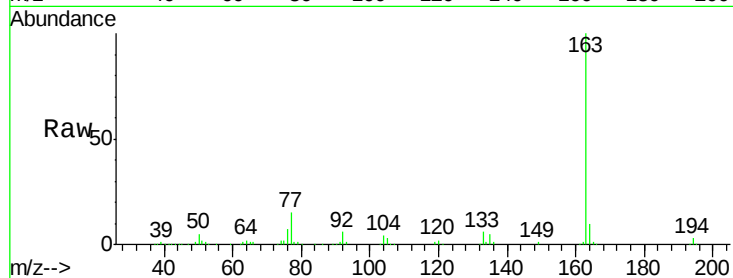
Tot Ion:163 Resp: 473953

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

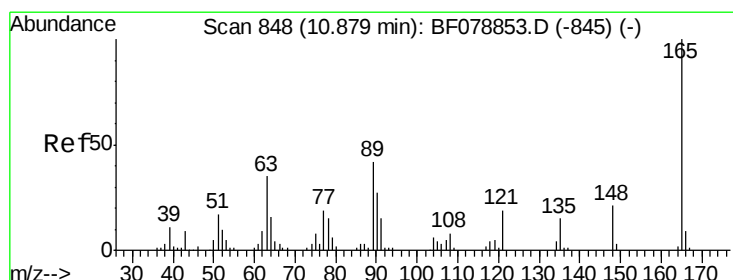
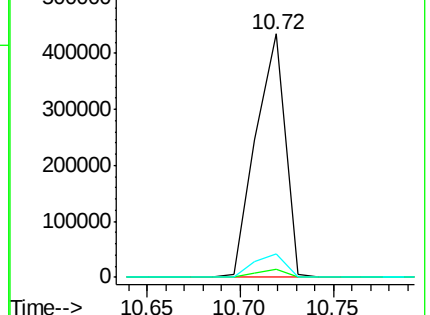
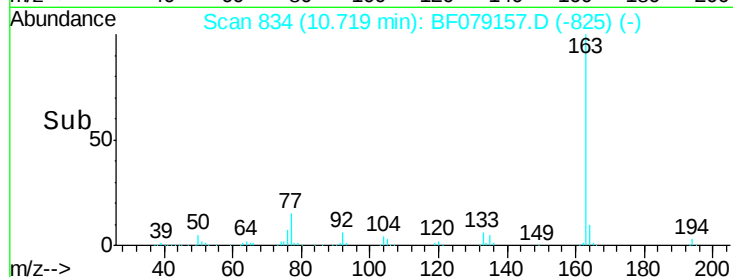
164 9.7 8.1 12.1



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: 43.59 ng

RT: 10.79 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF079157.D

Acq: 12 May 2015 14:48

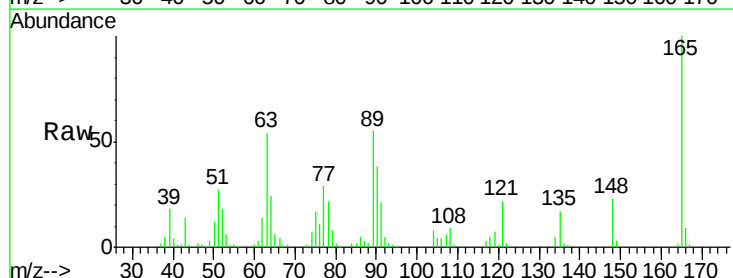
Tgt Ion:165 Resp: 99565

Ion Ratio Lower Upper

165 100

63 53.8 54.4 81.6#

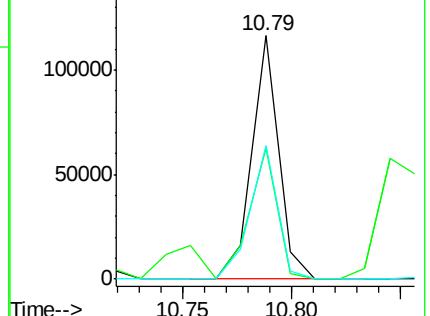
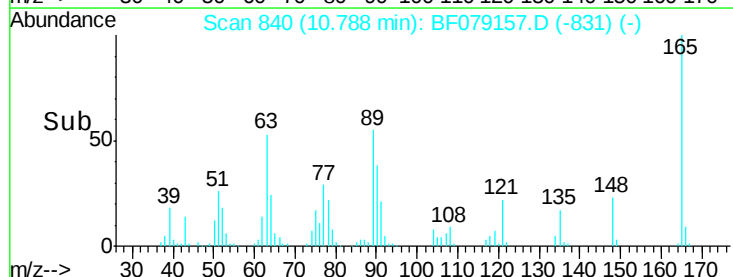
89 54.8 55.7 83.5#



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: 37.93 ng

RT: 11.07 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF079157.D

Acq: 12 May 2015 14:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

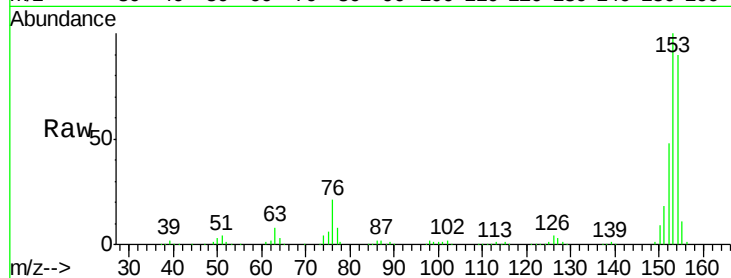
Tot Ion:154 Resp: 363150

Ion Ratio Lower Upper

154 100

153 111.2 91.5 137.3

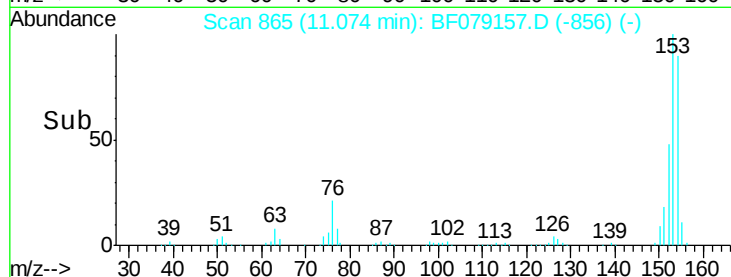
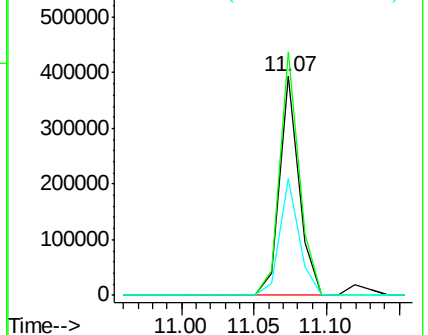
152 53.6 44.2 66.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 45.83 ng

RT: 10.99 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF079157.D

Acq: 12 May 2015 14:48

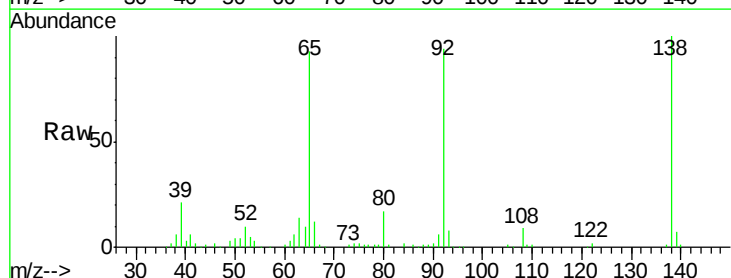
Tgt Ion:138 Resp: 130774

Ion Ratio Lower Upper

138 100

108 9.0 10.6 16.0#

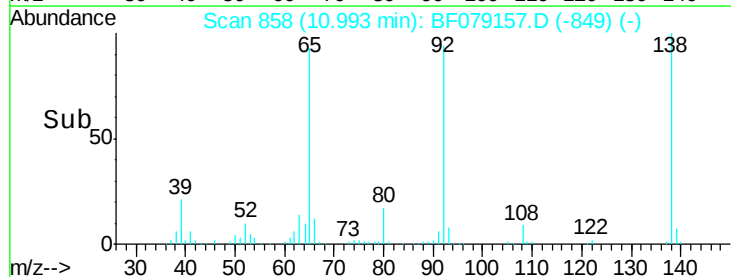
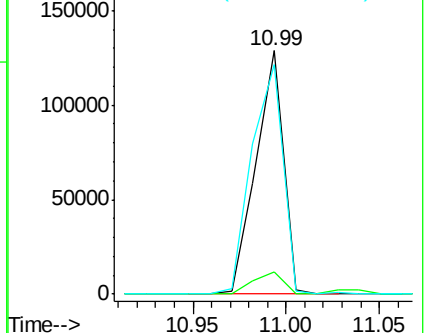
92 94.5 81.8 122.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

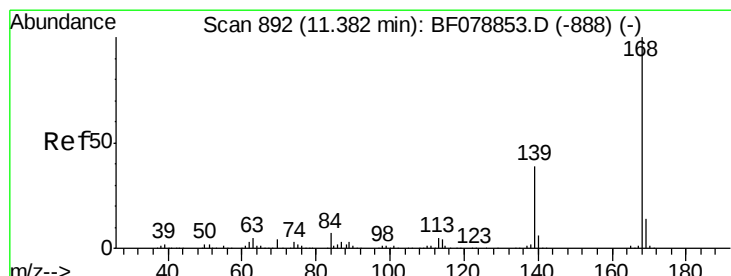
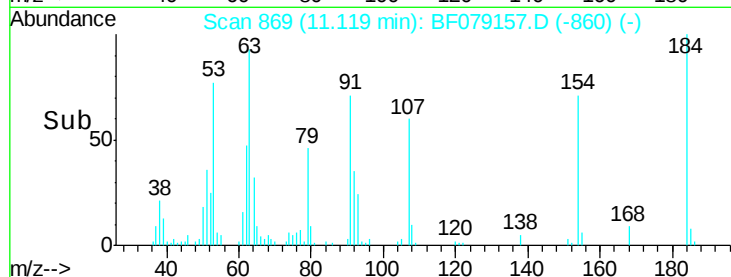
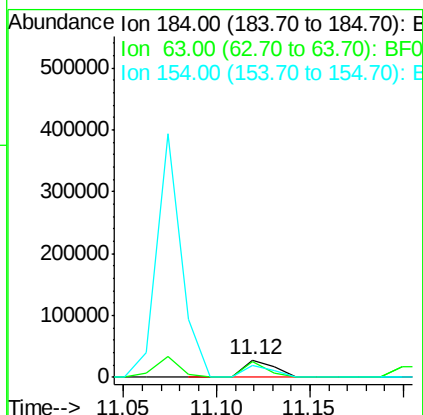
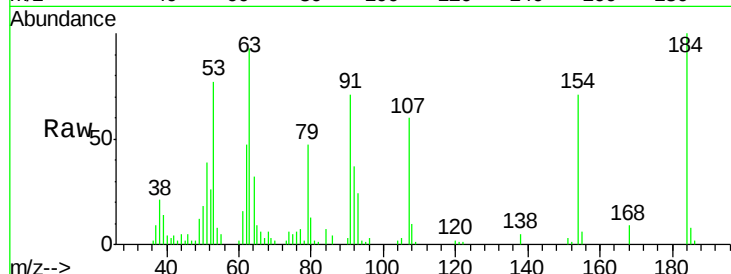




#53
 2,4-Dinitrophenol
 Concen: 47.57 ng
 RT: 11.12 min Scan# 869
 Delta R.T. 0.00 min
 Lab File: BF079157.D
 Acq: 12 May 2015 14:48

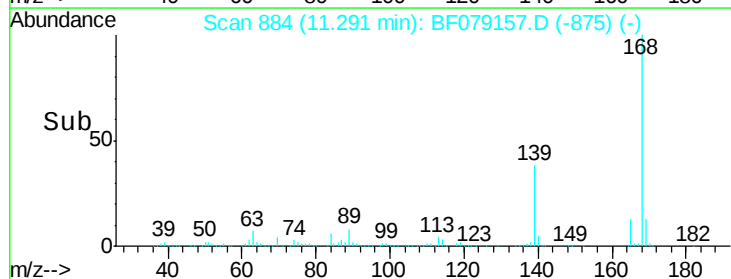
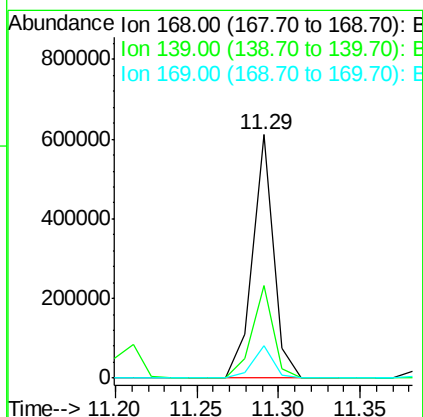
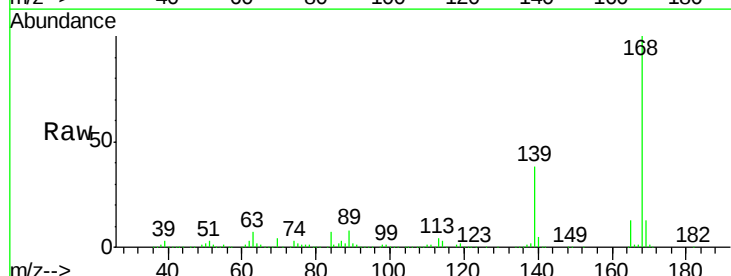
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

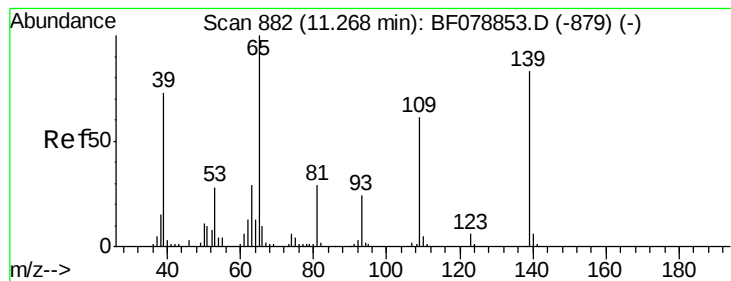
Tot Ion:184 Resp: 33078
 Ion Ratio Lower Upper
 184 100
 63 92.8 63.3 94.9
 154 71.2 53.8 80.6



#54
 Dibenzofuran
 Concen: 39.54 ng
 RT: 11.29 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: BF079157.D
 Acq: 12 May 2015 14:48

Tgt Ion:168 Resp: 546832
 Ion Ratio Lower Upper
 168 100
 139 37.8 31.0 46.4
 169 13.4 10.6 16.0





#55

4-Nitrophenol

Concen: 43.06 ng

RT: 11.21 min Scan# 877

Delta R.T. 0.00 min

Lab File: BF079157.D

Acq: 12 May 2015 14:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

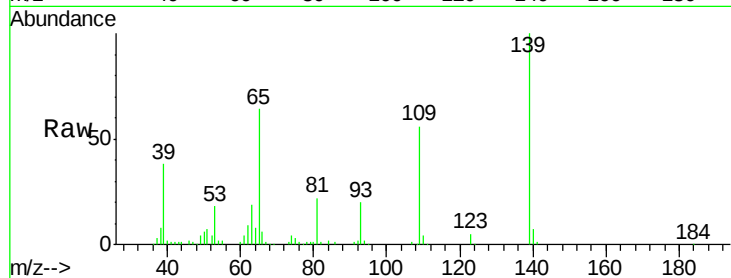
Tot Ion:139 Resp: 97248

Ion Ratio Lower Upper

139 100

109 55.8 47.6 87.6

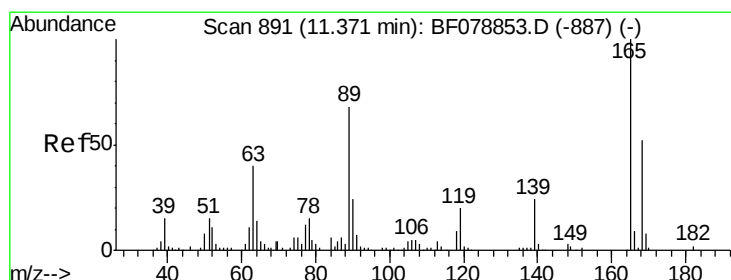
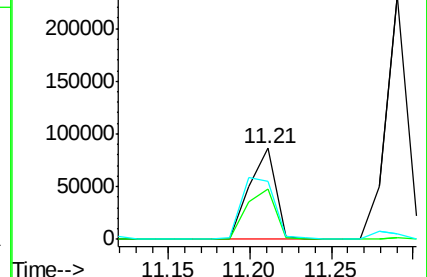
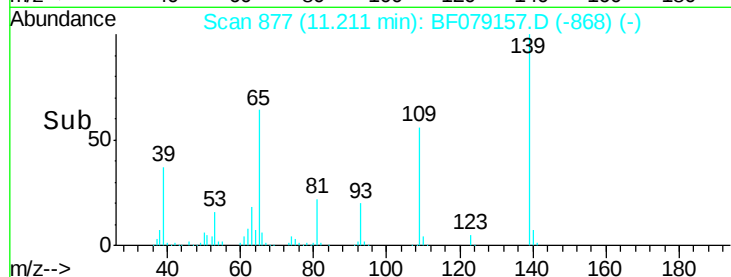
65 64.4 54.3 94.3



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 41.86 ng

RT: 11.28 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF079157.D

Acq: 12 May 2015 14:48

Tgt Ion:165 Resp: 126409

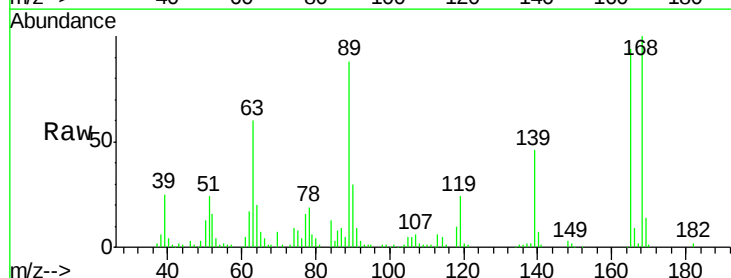
Ion Ratio Lower Upper

165 100

63 64.5 51.2 76.8

89 93.8 82.7 124.1

182 2.1 1.4 2.2

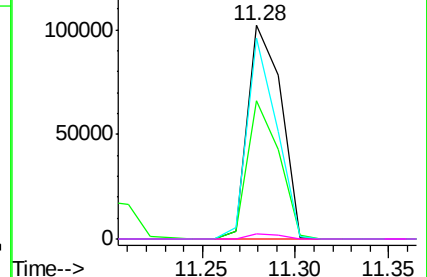
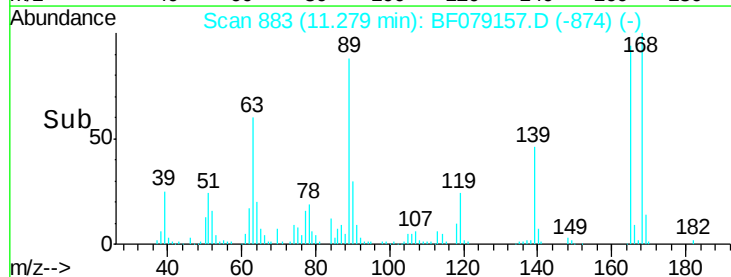


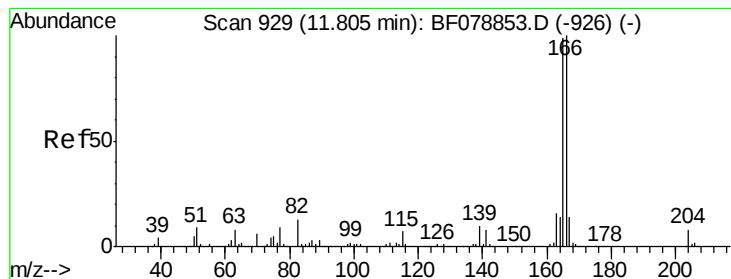
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.03 ng

RT: 11.71 min Scan# 921

Delta R.T. 0.00 min

Lab File: BF079157.D

Acq: 12 May 2015 14:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

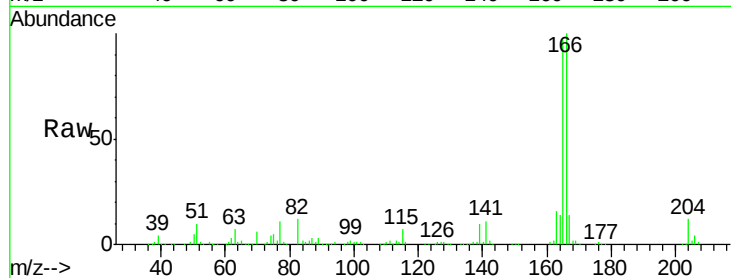
Tot Ion:166 Resp: 443109

Ion Ratio Lower Upper

166 100

165 97.5 78.5 117.7

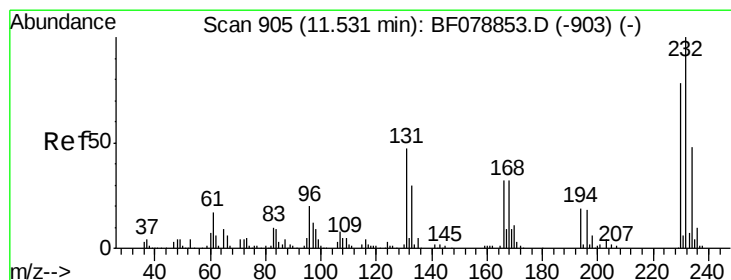
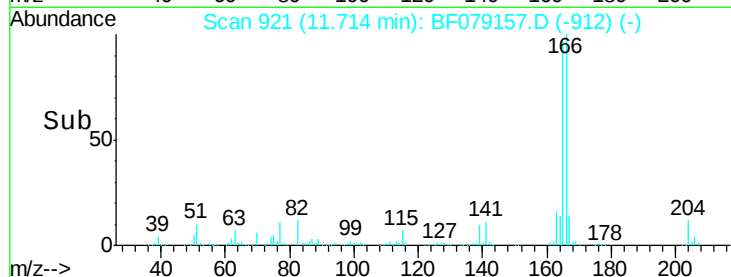
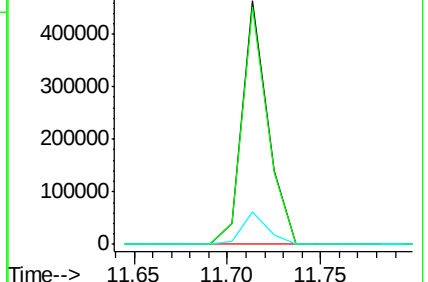
167 13.6 11.0 16.6



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: 39.89 ng

RT: 11.44 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF079157.D

Acq: 12 May 2015 14:48

Tgt Ion:232 Resp: 100637

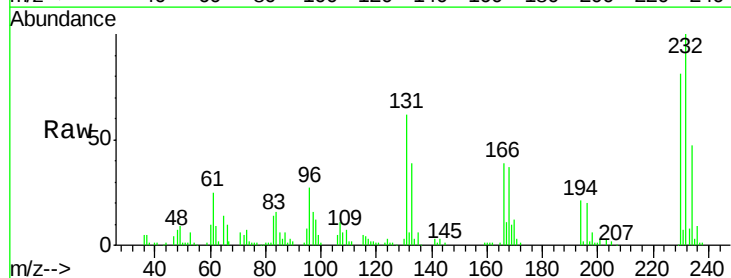
Ion Ratio Lower Upper

232 100

131 51.1 0.0 0.0#

130 2.2 0.0 0.0#

166 33.6 0.0 0.0#

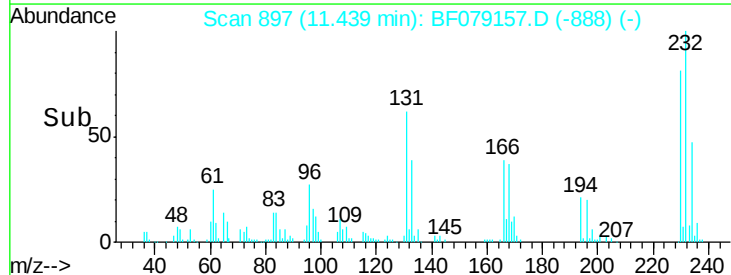
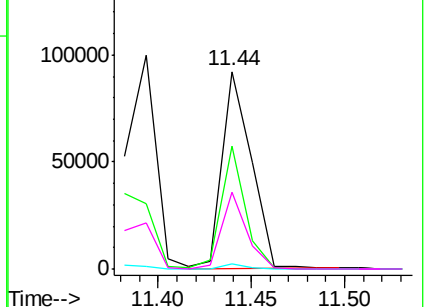


Abundance Ion 232.00 (231.70 to 232.70): E

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: 39.38 ng

RT: 11.59 min Scan# 910

Delta R.T. 0.00 min

Lab File: BF079157.D

Acq: 12 May 2015 14:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

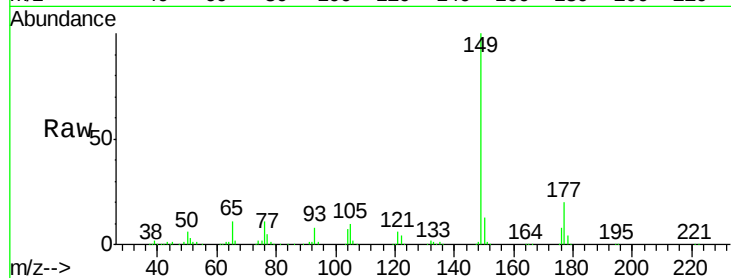
Tot Ion:149 Resp: 451537

Ion Ratio Lower Upper

149 100

177 20.3 17.5 26.3

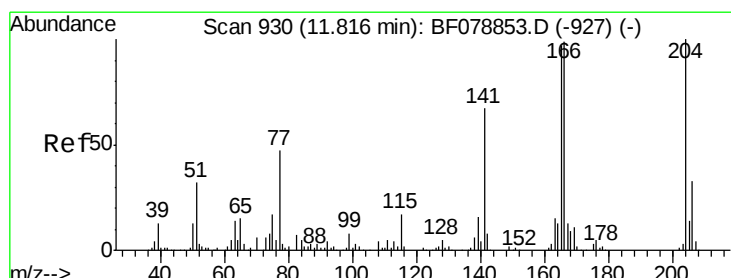
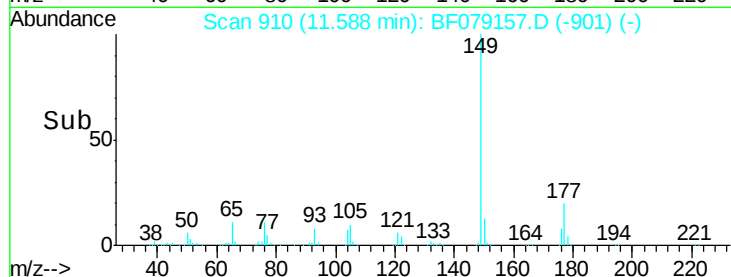
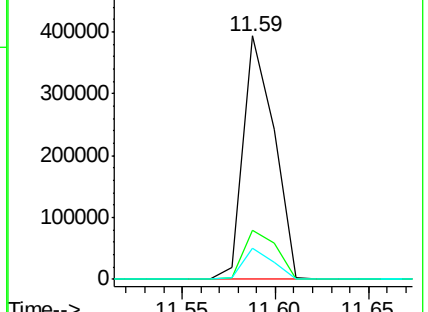
150 12.9 9.6 14.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.15 ng

RT: 11.73 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF079157.D

Acq: 12 May 2015 14:48

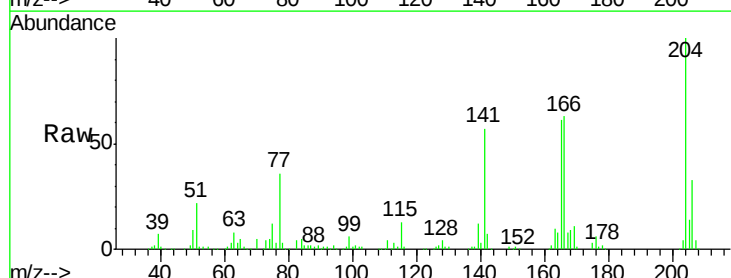
Tgt Ion:204 Resp: 202212

Ion Ratio Lower Upper

204 100

206 32.9 26.9 40.3

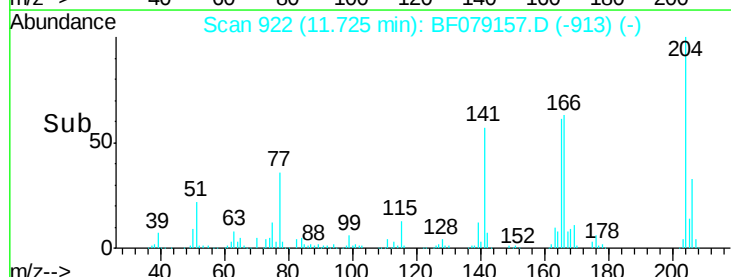
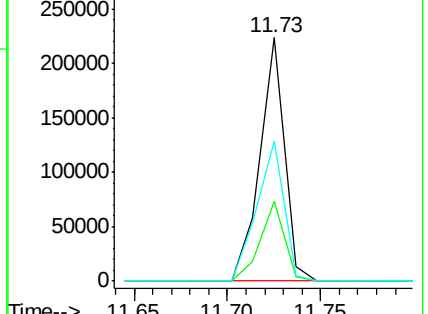
141 57.5 48.3 72.5

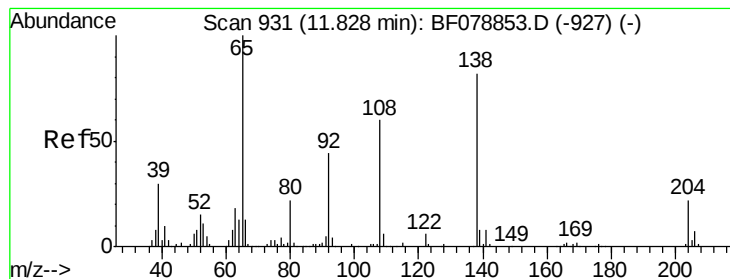


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 45.84 ng

RT: 11.75 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF079157.D

Acq: 12 May 2015 14:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

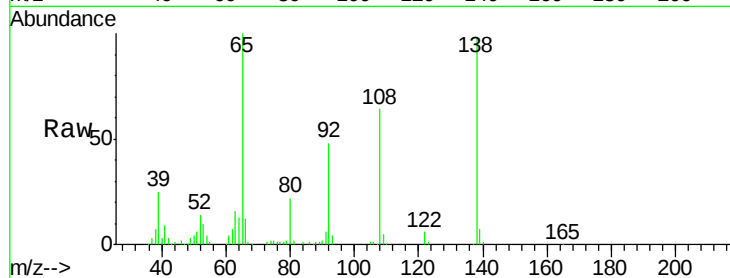
Tot Ion:138 Resp: 130853

Ion Ratio Lower Upper

138 100

92 48.9 28.0 68.0

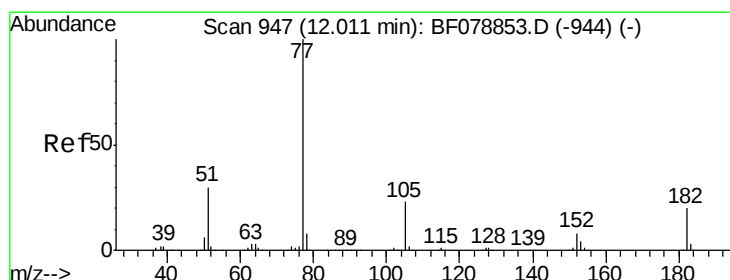
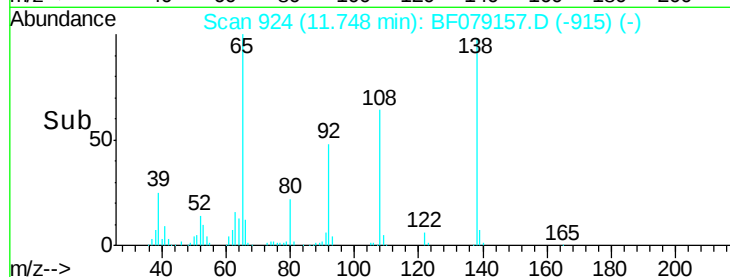
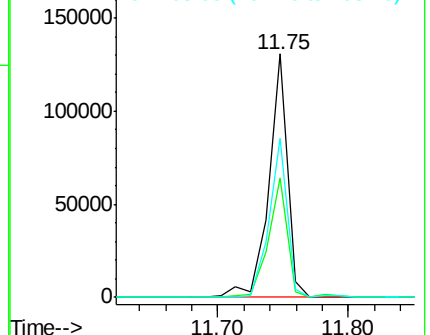
108 65.5 56.3 96.3



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: 38.95 ng

RT: 11.92 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF079157.D

Acq: 12 May 2015 14:48

Tgt Ion: 77 Resp: 440042

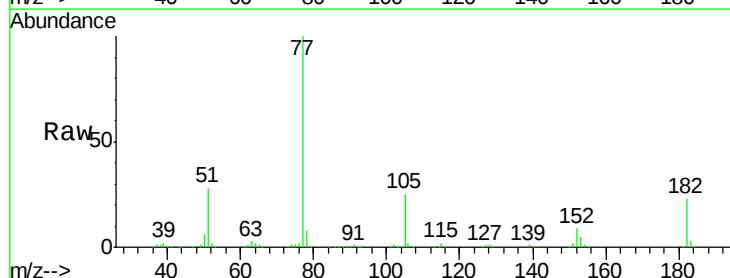
Ion Ratio Lower Upper

77 100

182 23.1 3.8 43.8

105 24.7 3.9 43.9

51 28.2 10.8 50.8

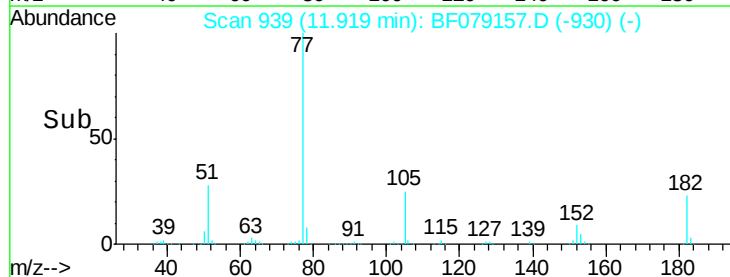
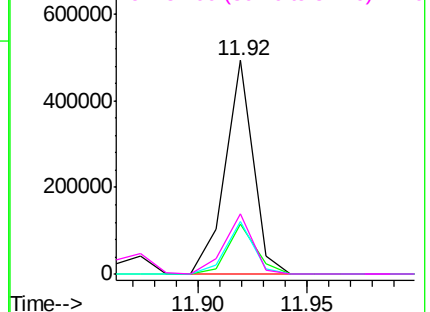


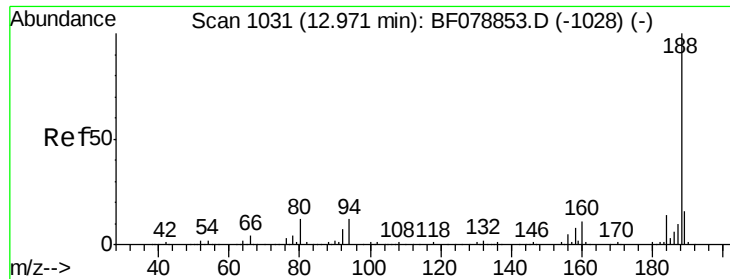
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

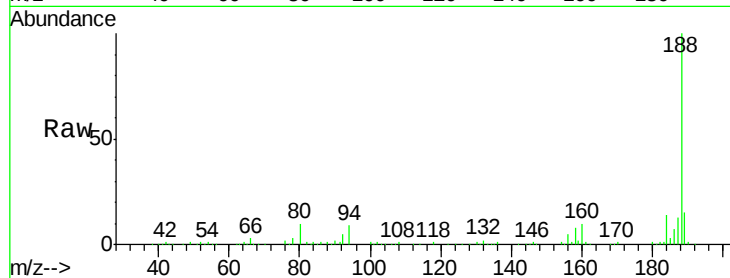




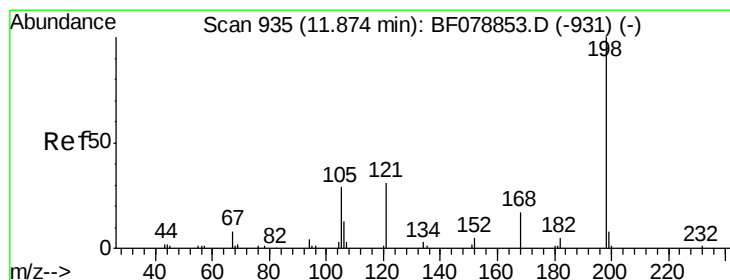
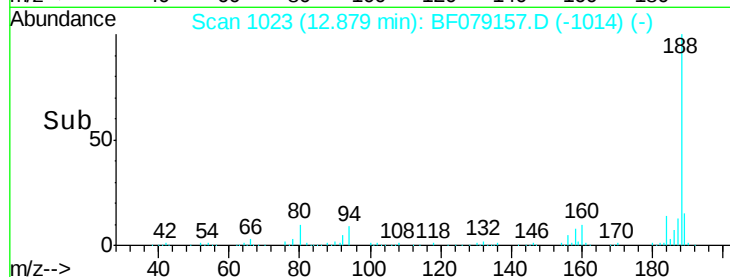
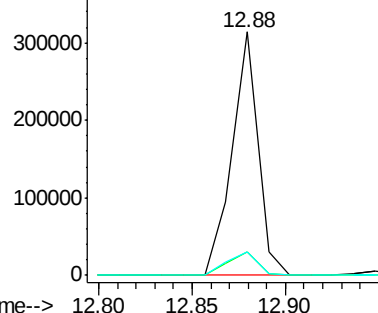
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.88 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF079157.D
Acq: 12 May 2015 14:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.2	12.2
80	9.7	8.9	13.3

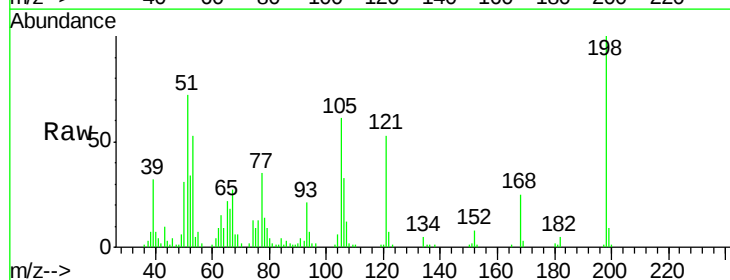


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

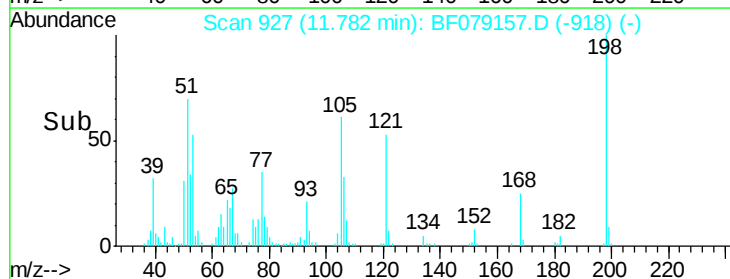
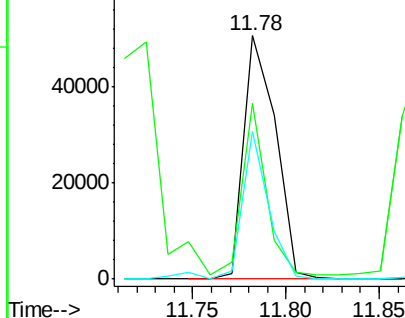


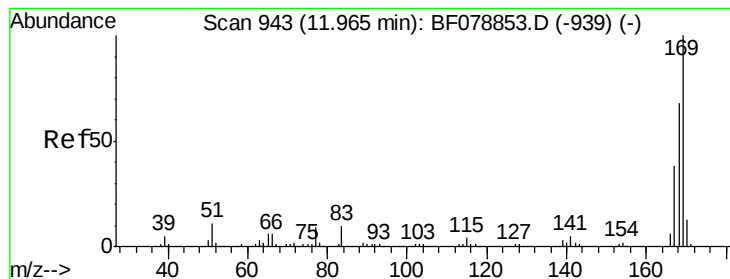
#64
4,6-Dinitro-2-methylphenol
Concen: 47.84 ng
RT: 11.78 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF079157.D
Acq: 12 May 2015 14:48

Tgt Ion	Ratio	Lower	Upper
198	100		
51	72.0	47.3	87.3
105	60.9	38.8	78.8



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

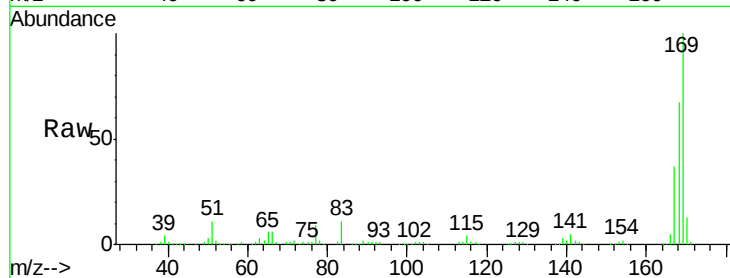




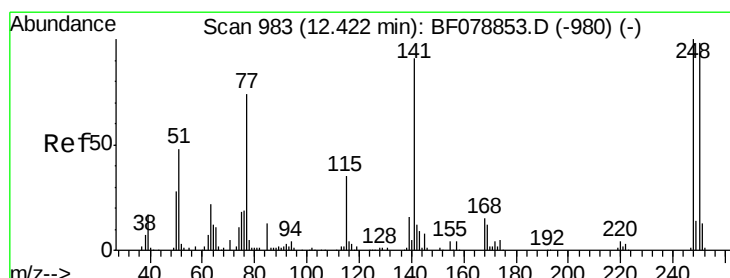
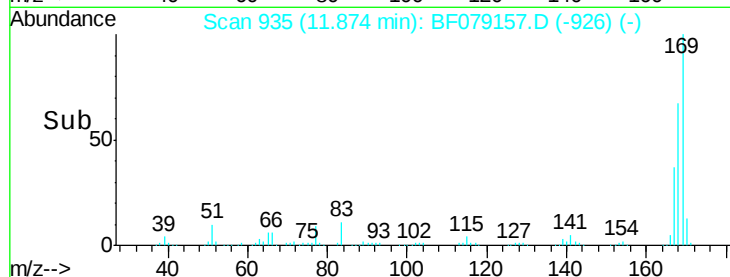
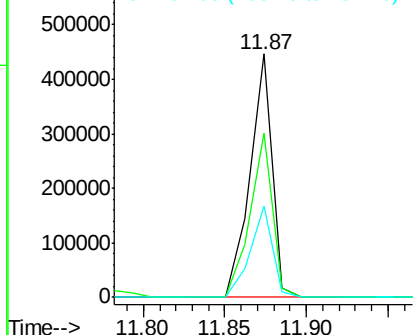
#65
 n-Nitrosodiphenylamine
 Concen: 41.61 ng
 RT: 11.87 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: BF079157.D
 Acq: 12 May 2015 14:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:169 Resp: 418855
 Ion Ratio Lower Upper
 169 100
 168 67.2 54.6 82.0
 167 37.3 30.6 45.8

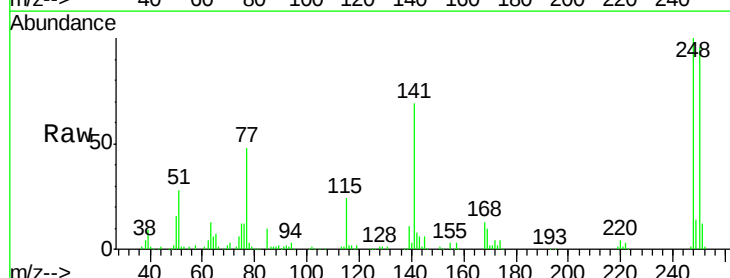


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

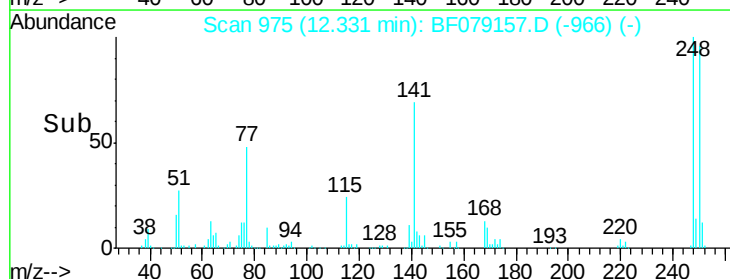
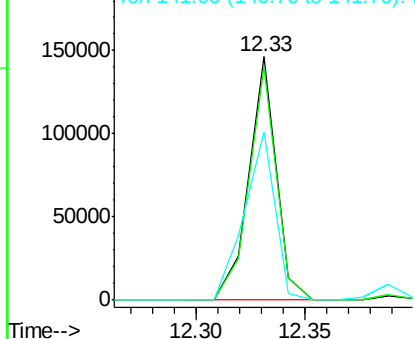


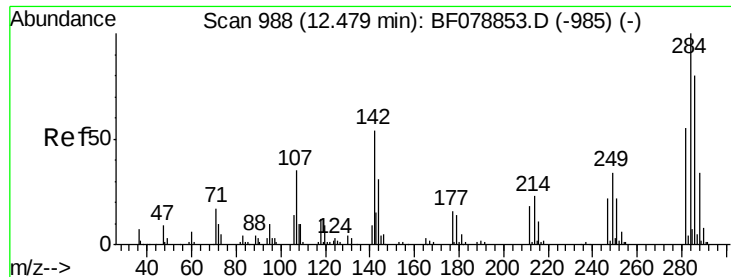
#66
 4-Bromophenyl-phenylether
 Concen: 40.70 ng
 RT: 12.33 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: BF079157.D
 Acq: 12 May 2015 14:48

Tgt Ion:248 Resp: 128213
 Ion Ratio Lower Upper
 248 100
 250 95.8 77.1 115.7
 141 69.0 58.8 88.2



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

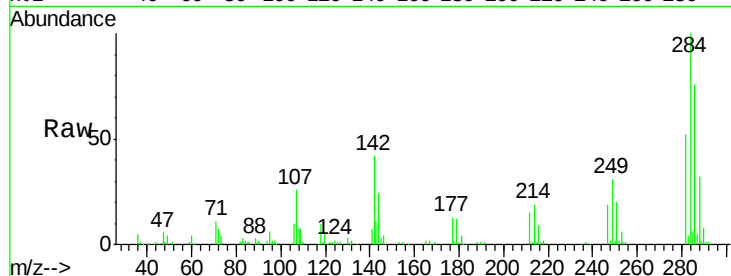




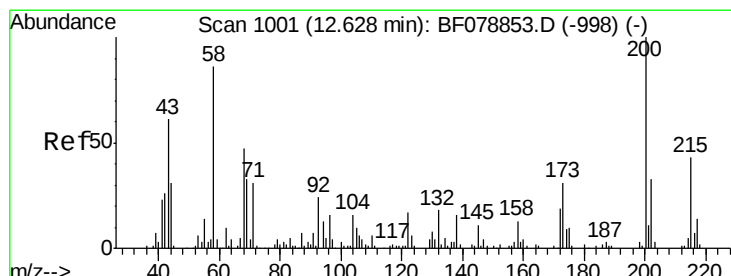
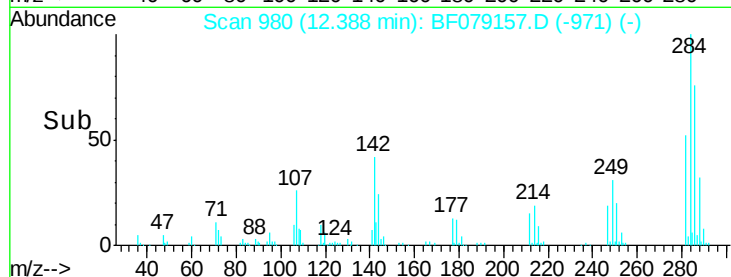
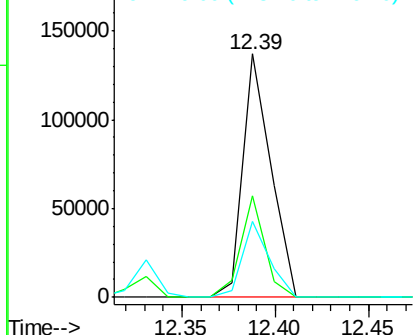
#67
Hexachlorobenzene
Concen: 39.71 ng
RT: 12.39 min Scan# 980
Delta R.T. 0.00 min
Lab File: BF079157.D
Acq: 12 May 2015 14:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:284 Resp: 142969
Ion Ratio Lower Upper
284 100
142 41.6 35.2 52.8
249 31.2 25.4 38.2

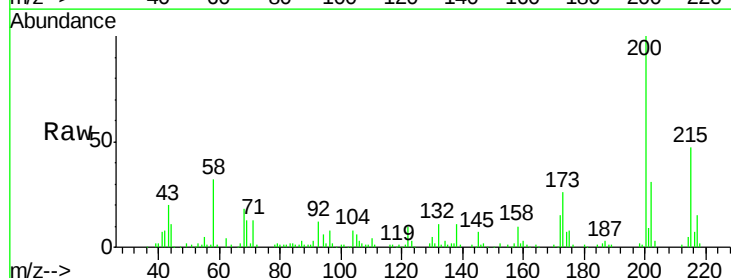


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

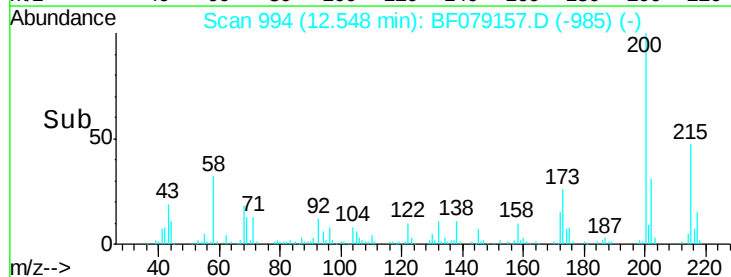
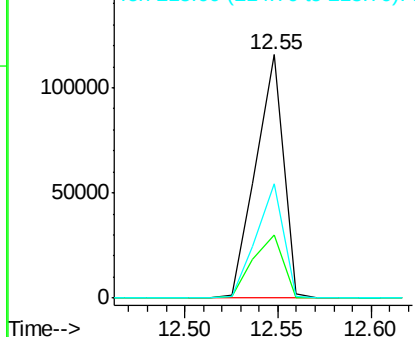


#68
Atrazine
Concen: 40.68 ng
RT: 12.55 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF079157.D
Acq: 12 May 2015 14:48

Tgt Ion:200 Resp: 119063
Ion Ratio Lower Upper
200 100
173 26.1 8.1 48.1
215 46.8 22.9 62.9



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

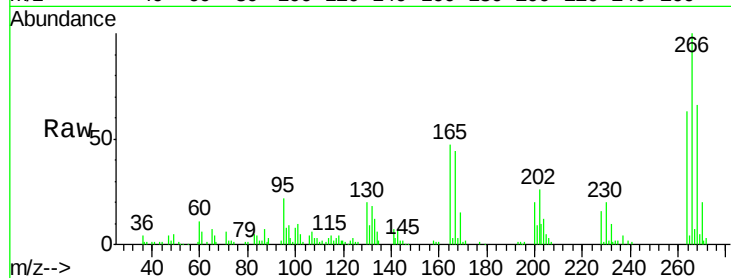




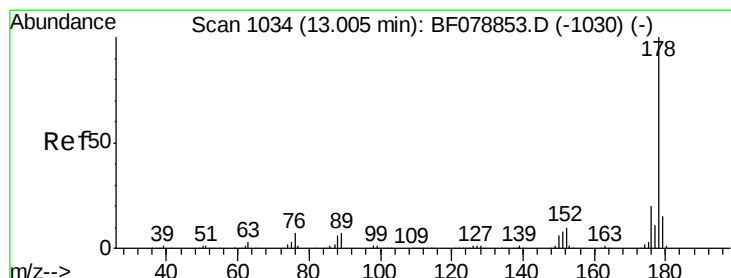
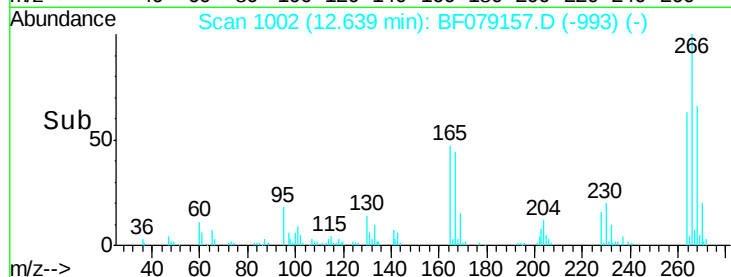
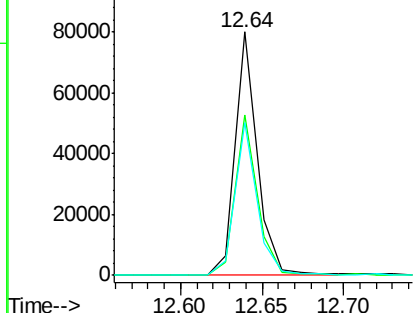
#69
 Pentachlorophenol
 Concen: 39.33 ng
 RT: 12.64 min Scan# 1002
 Delta R.T. 0.00 min
 Lab File: BF079157.D
 Acq: 12 May 2015 14:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 74830
 Ion Ratio Lower Upper
 266 100
 268 65.8 55.0 82.6
 264 63.0 48.2 72.2

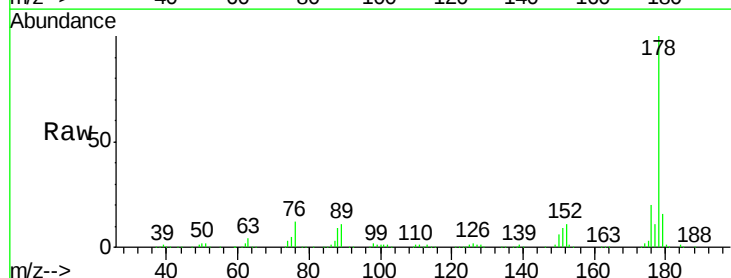


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

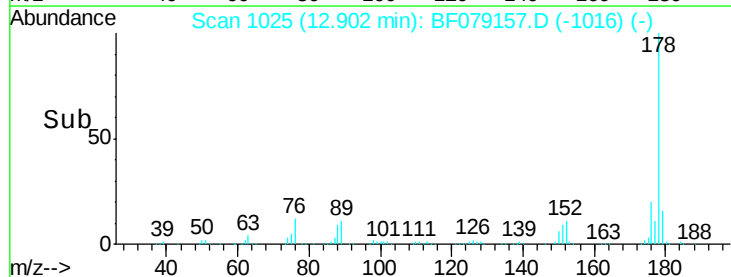
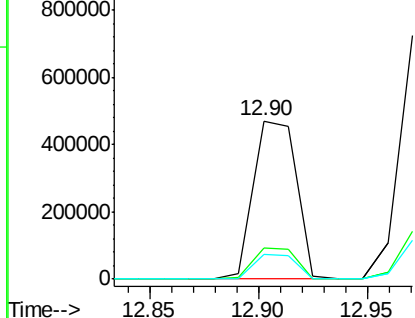


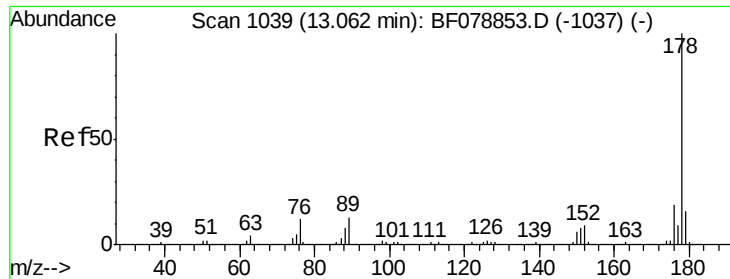
#70
 Phenanthrene
 Concen: 38.56 ng
 RT: 12.90 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BF079157.D
 Acq: 12 May 2015 14:48

Tgt Ion:178 Resp: 651985
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 15.8 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

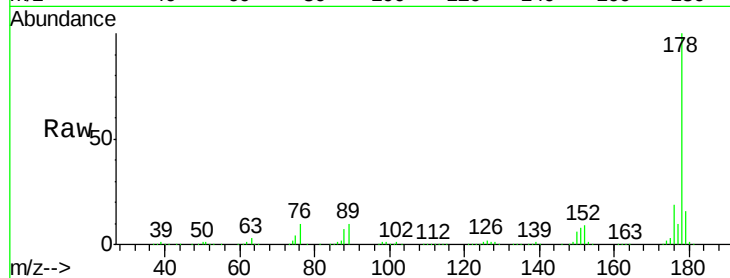




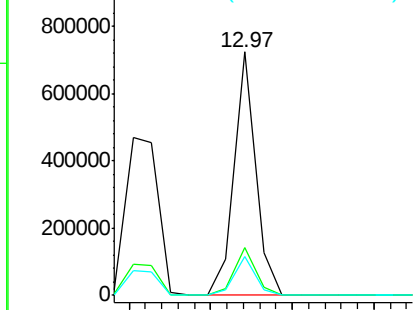
#71
 Anthracene
 Concen: 39.81 ng
 RT: 12.97 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: BF079157.D
 Acq: 12 May 2015 14:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

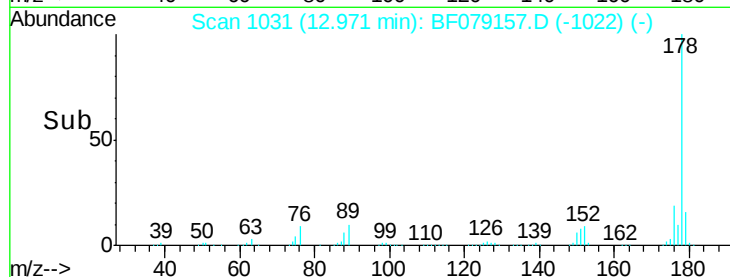
Tot Ion:178 Resp: 660384
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.5 23.3
 179 15.8 12.7 19.1



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

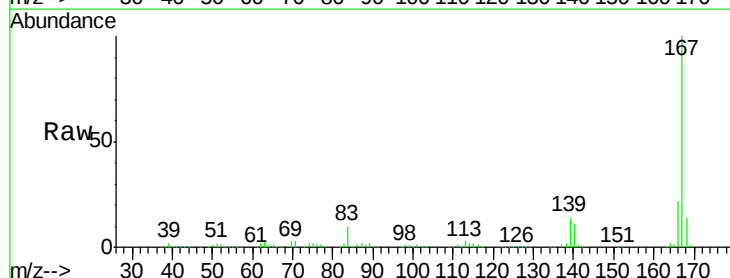


Time--> 12.90 12.95 13.00 13.05

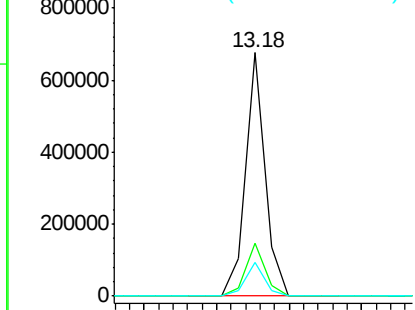


#72
 Carbazole
 Concen: 40.03 ng
 RT: 13.18 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: BF079157.D
 Acq: 12 May 2015 14:48

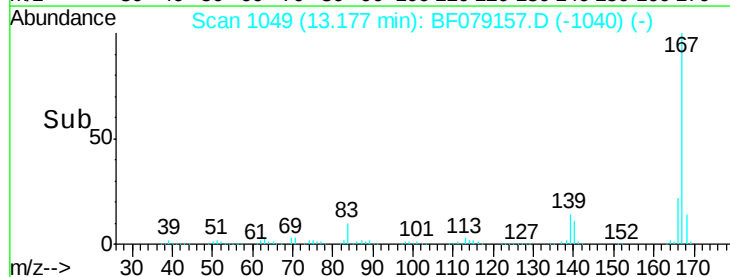
Tgt Ion:167 Resp: 632851
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.8 26.8
 139 13.8 10.6 16.0

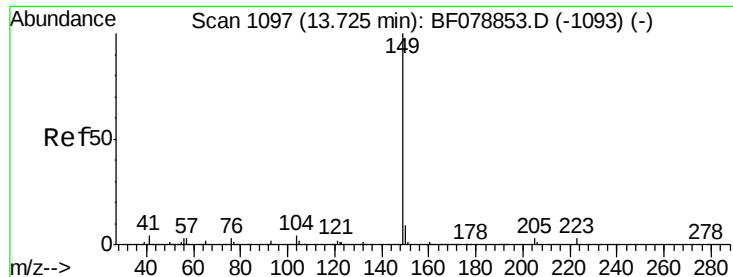


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



Time--> 13.10 13.15 13.20 13.25





#73

Di-n-butylphthalate

Concen: 40.33 ng

RT: 13.62 min Scan# 1088

Delta R.T. 0.00 min

Lab File: BF079157.D

Acq: 12 May 2015 14:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

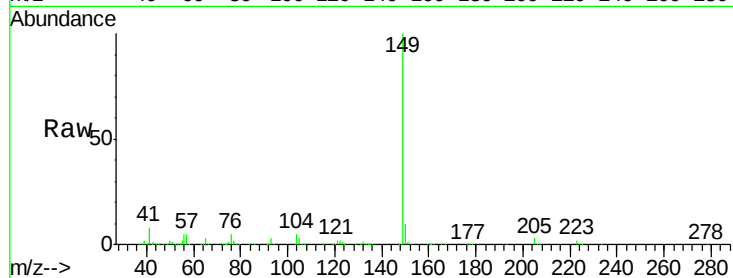
Tot Ion:149 Resp: 764678

Ion Ratio Lower Upper

149 100

150 9.8 7.7 11.5

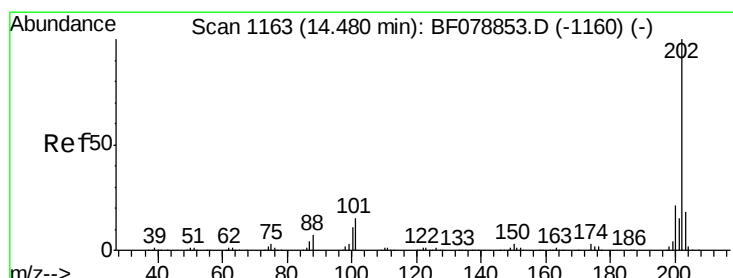
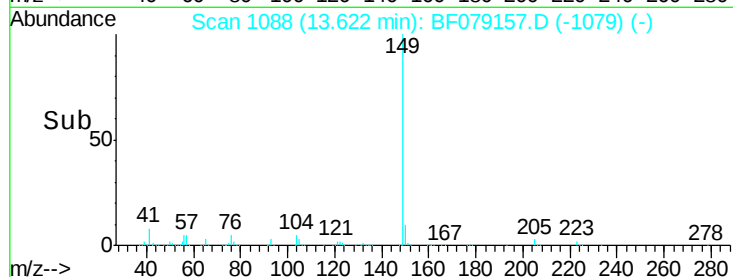
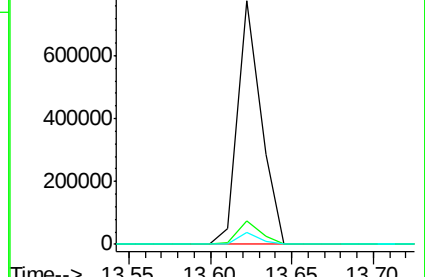
104 5.0 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.64 ng

RT: 14.39 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF079157.D

Acq: 12 May 2015 14:48

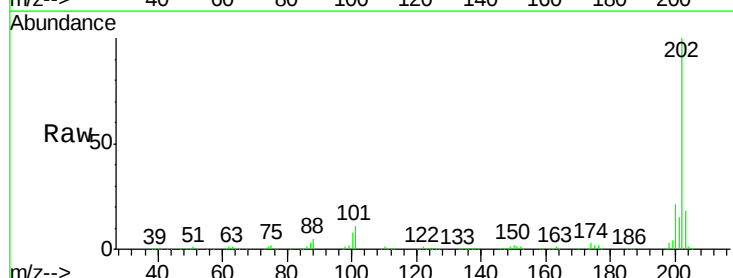
Tgt Ion:202 Resp: 733568

Ion Ratio Lower Upper

202 100

101 10.8 0.0 34.6

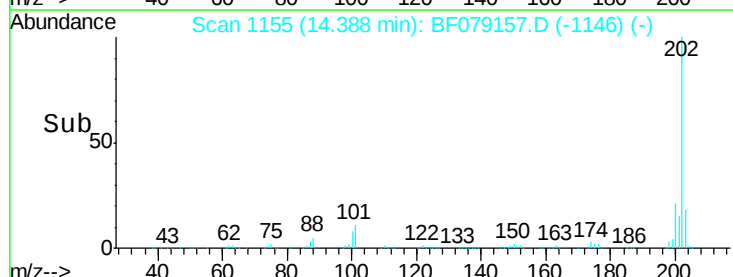
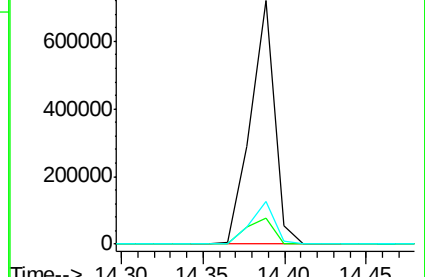
203 17.7 0.0 38.4

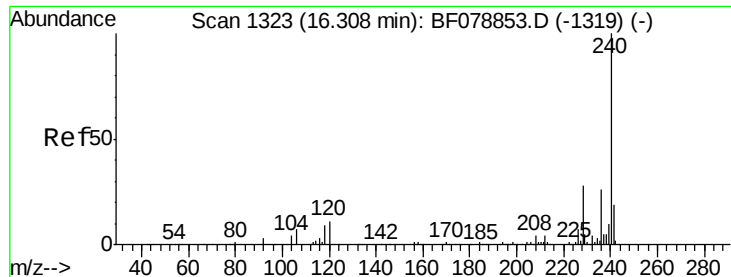


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.19 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BF079157.D

Acq: 12 May 2015 14:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

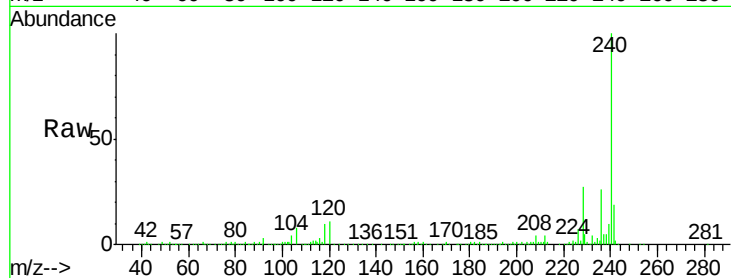
Tot Ion:240 Resp: 309758

Ion Ratio Lower Upper

240 100

120 11.4 9.7 14.5

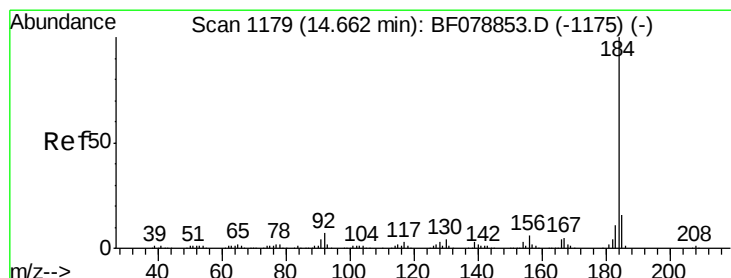
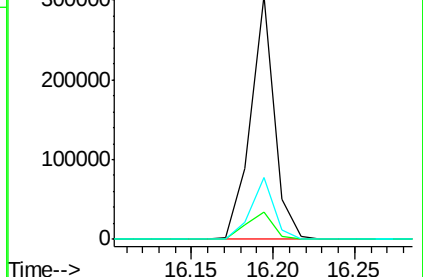
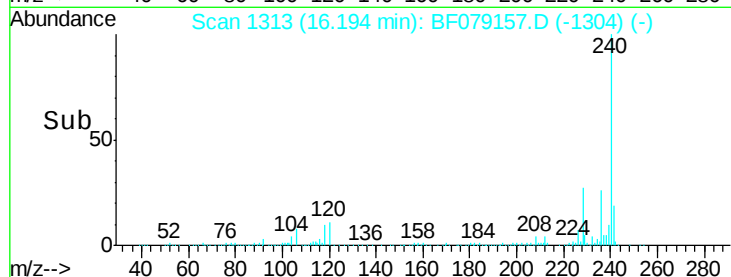
236 25.6 20.2 30.4



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: 39.41 ng

RT: 14.56 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF079157.D

Acq: 12 May 2015 14:48

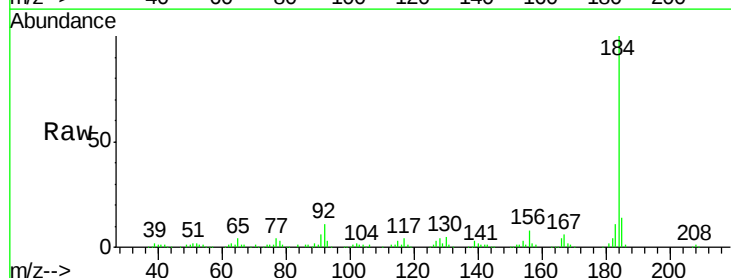
Tgt Ion:184 Resp: 329031

Ion Ratio Lower Upper

184 100

185 14.4 12.3 18.5

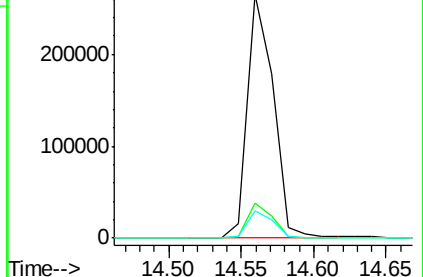
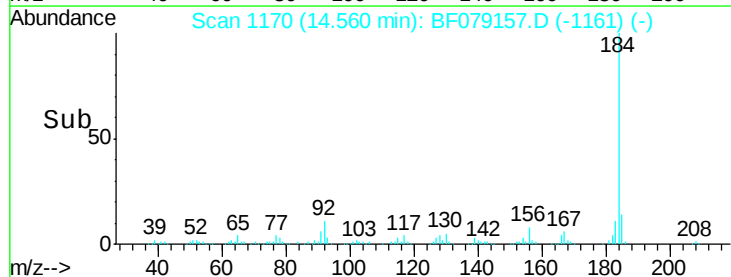
183 11.2 8.4 12.6

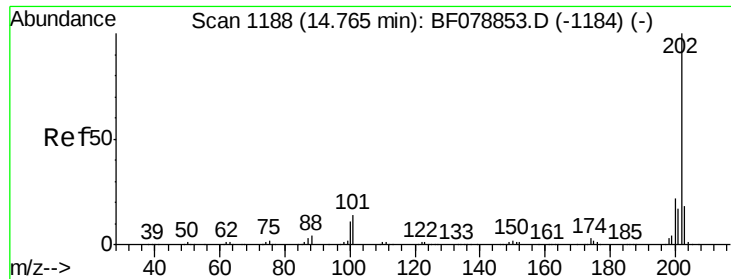


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

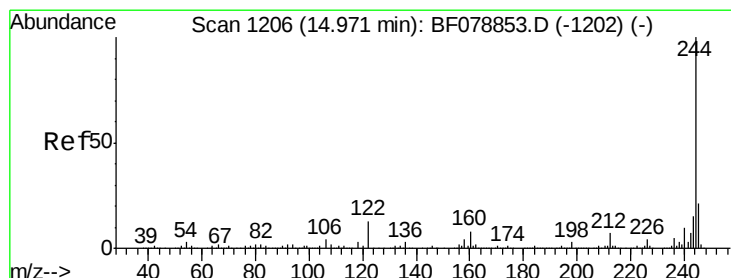
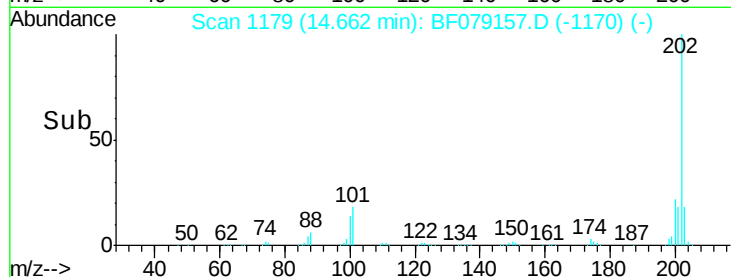
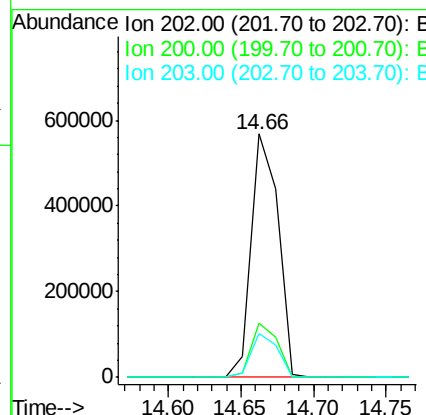
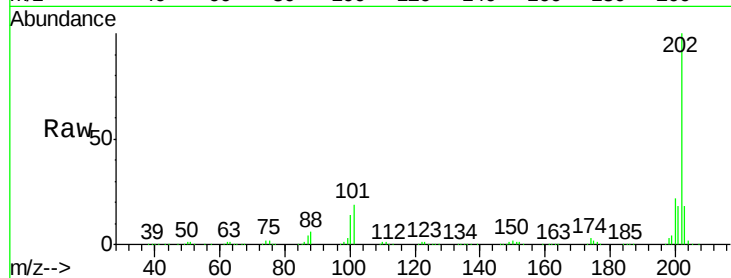




#77
Pvrene
Concen: 41.16 ng
RT: 14.66 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF079157.D
Acq: 12 May 2015 14:48

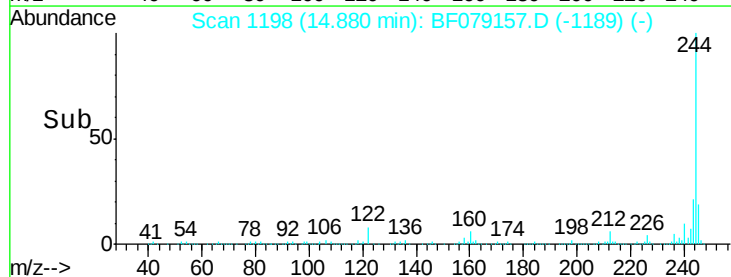
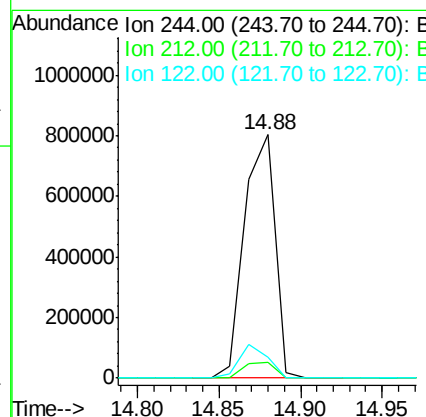
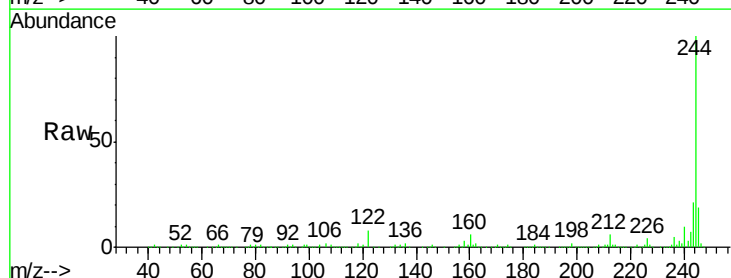
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 734720
Ion Ratio Lower Upper
202 100
200 22.0 17.5 26.3
203 18.1 13.9 20.9



#78
Terphenyl-d14
Concen: 80.80 ng
RT: 14.88 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BF079157.D
Acq: 12 May 2015 14:48

Tgt Ion:244 Resp: 1045385
Ion Ratio Lower Upper
244 100
212 6.3 5.6 8.4
122 8.3 10.3 15.5#

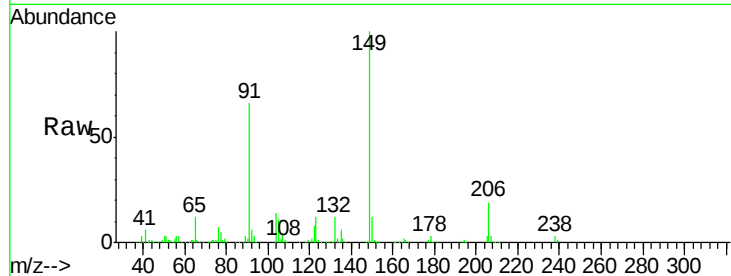




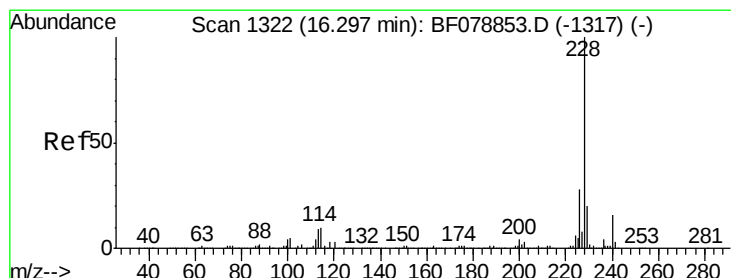
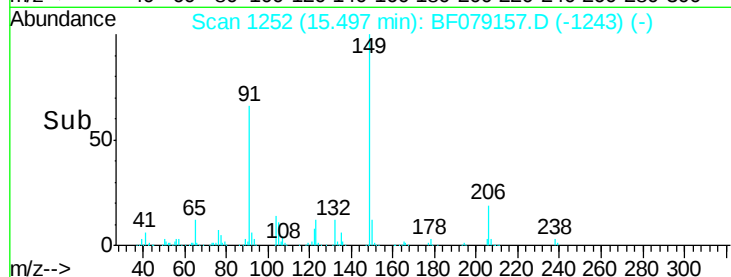
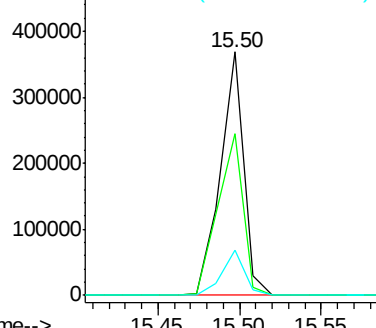
#79
Butylbenzylphthalate
Concen: 46.64 ng
RT: 15.50 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BF079157.D
Acq: 12 May 2015 14:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	66.2	64.6	97.0
206	18.6	12.2	18.4

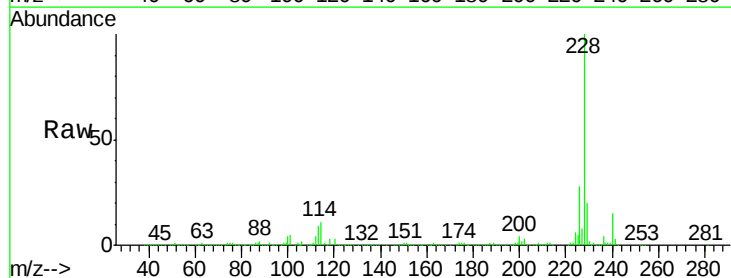


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

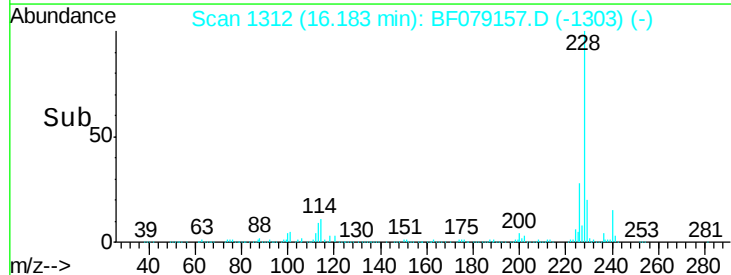
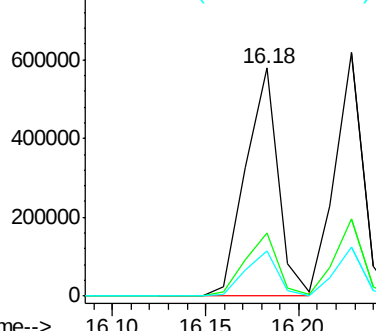


#80
Benzo(a)anthracene
Concen: 41.38 ng
RT: 16.18 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF079157.D
Acq: 12 May 2015 14:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	19.9	15.9	23.9



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

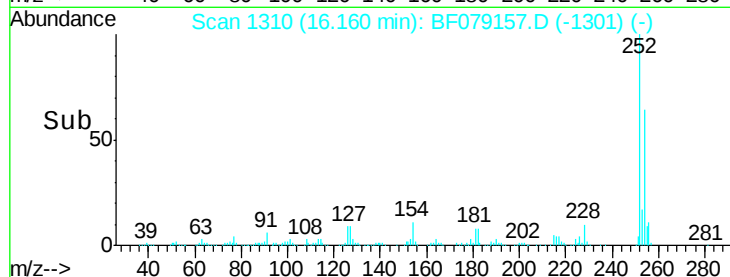
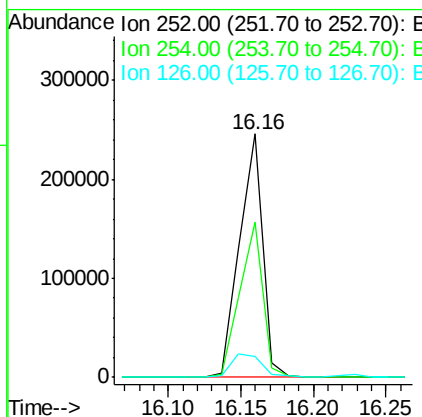
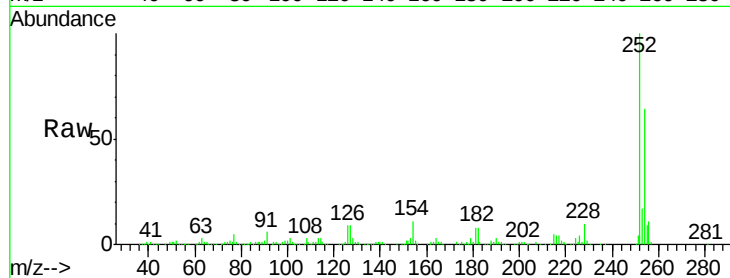




#81
 3,3'-Dichlorobenzidine
 Concen: 45.27 ng
 RT: 16.16 min Scan# 1310
 Delta R.T. 0.00 min
 Lab File: BF079157.D
 Acq: 12 May 2015 14:48

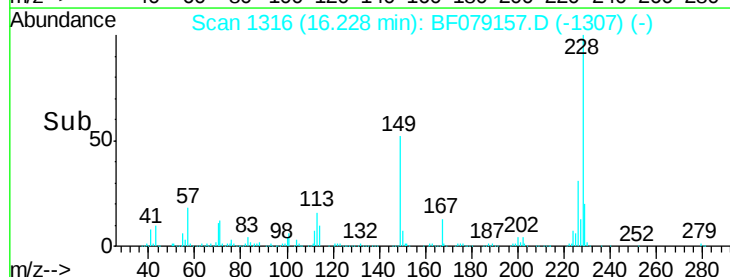
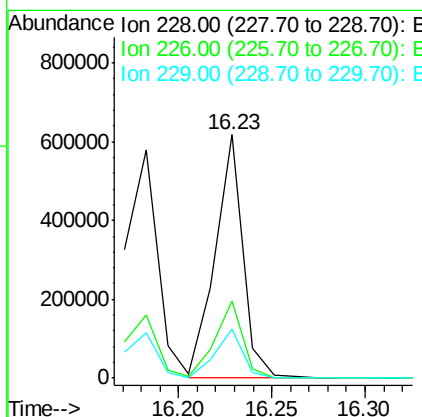
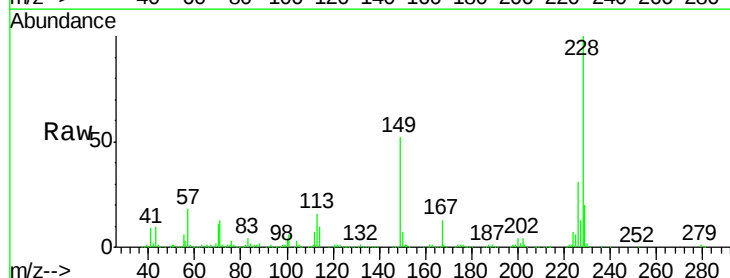
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.3	76.9
126	8.7	6.6	10.0



#82
 Chrysene
 Concen: 38.89 ng
 RT: 16.23 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BF079157.D
 Acq: 12 May 2015 14:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.9	37.3
229	20.3	16.0	24.0

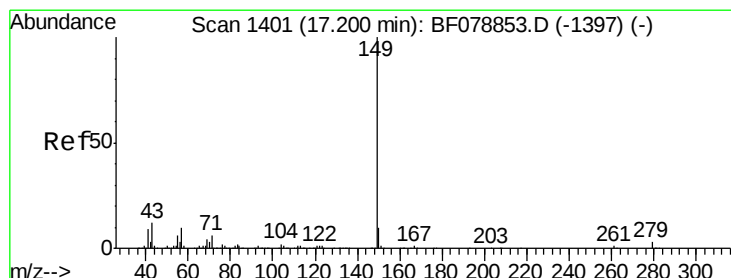
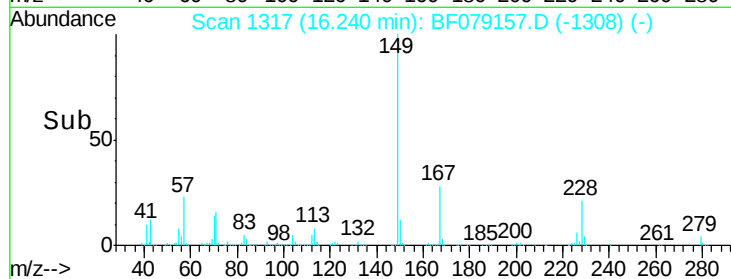
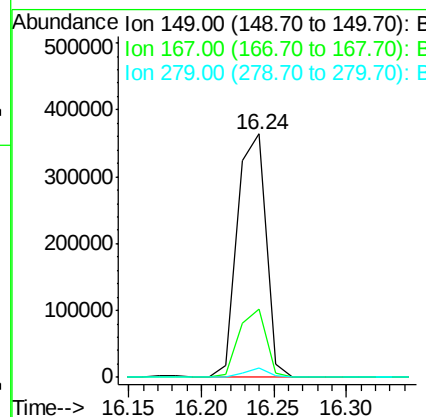
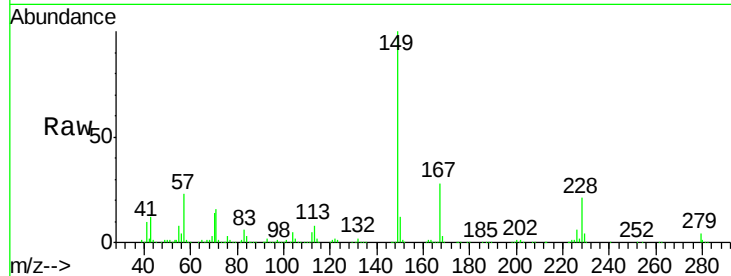




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.23 ng
 RT: 16.24 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF079157.D
 Acq: 12 May 2015 14:48

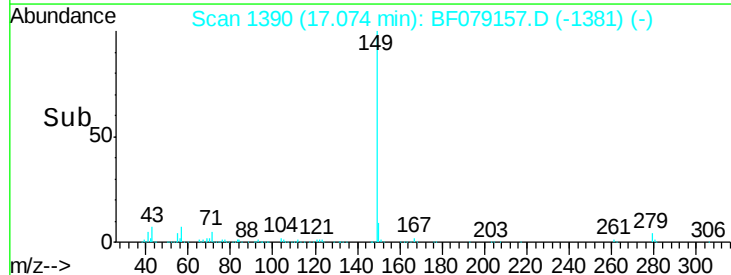
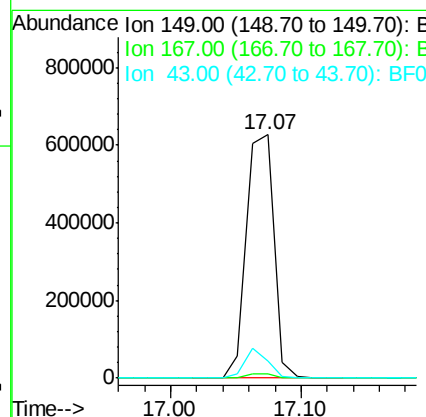
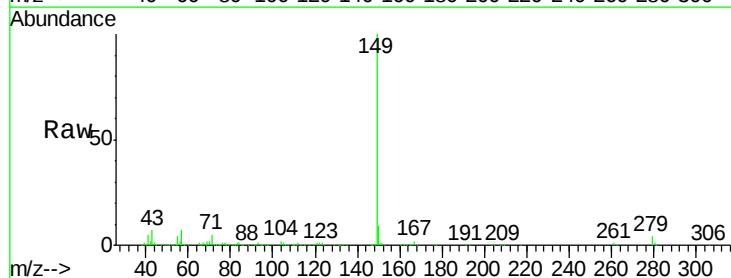
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

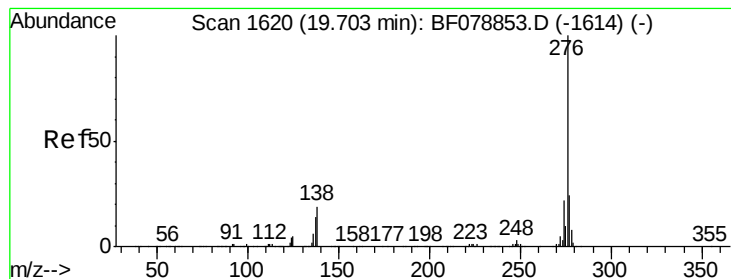
Tot Ion	Ratio	Lower	Upper
149	100		
167	28.0	21.8	32.8
279	4.1	2.9	4.3



#84
 Di-n-octyl phthalate
 Concen: 44.05 ng
 RT: 17.07 min Scan# 1390
 Delta R.T. 0.00 min
 Lab File: BF079157.D
 Acq: 12 May 2015 14:48

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	0.0	0.0#
43	9.8	0.0	0.0#





#85

Indeno(1,2,3-cd)pyrene

Concen: 41.11 ng

RT: 19.50 min Scan# 1602

Delta R.T. 0.00 min

Lab File: BF079157.D

Acq: 12 May 2015 14:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

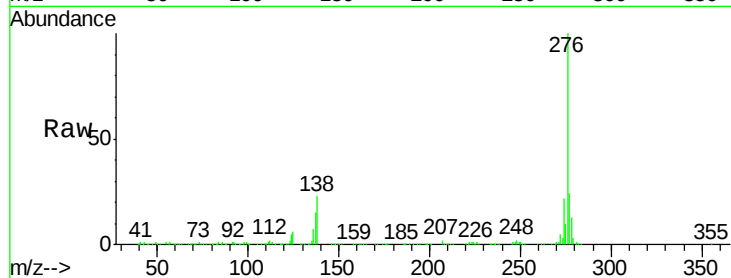
Tot Ion:276 Resp: 854652

Ion Ratio Lower Upper

276 100

138 28.4 0.0 0.0#

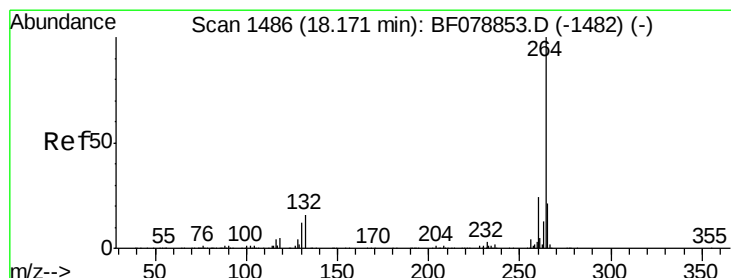
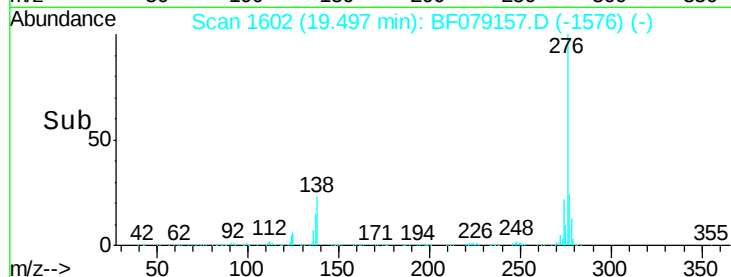
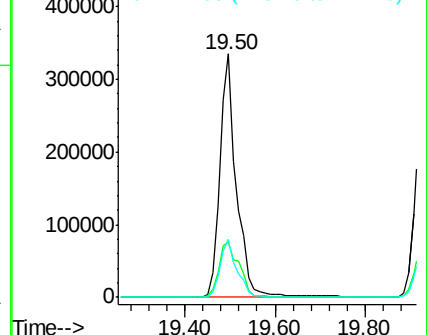
277 24.7 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 18.02 min Scan# 1473

Delta R.T. 0.00 min

Lab File: BF079157.D

Acq: 12 May 2015 14:48

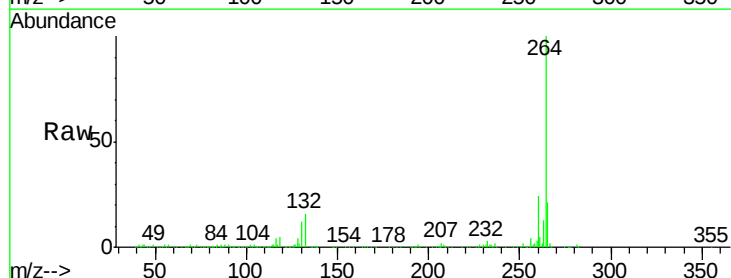
Tgt Ion:264 Resp: 325271

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

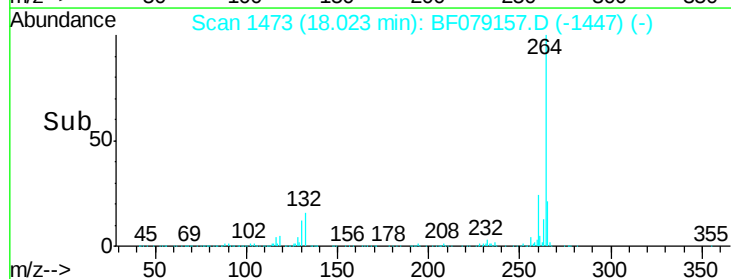
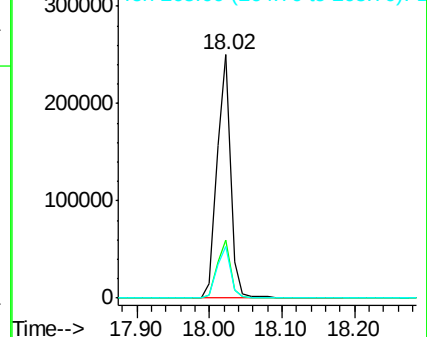
265 21.1 18.3 27.5

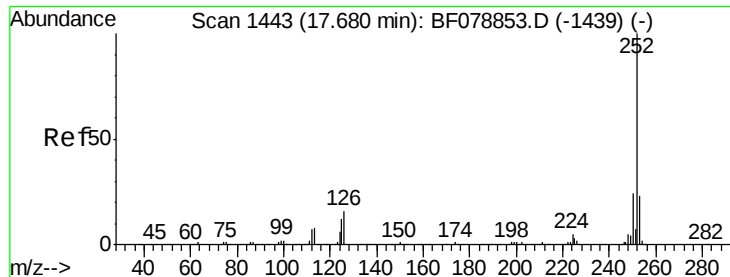


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 43.69 ng

RT: 17.54 min Scan# 1431

Delta R.T. 0.00 min

Lab File: BF079157.D

Acq: 12 May 2015 14:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

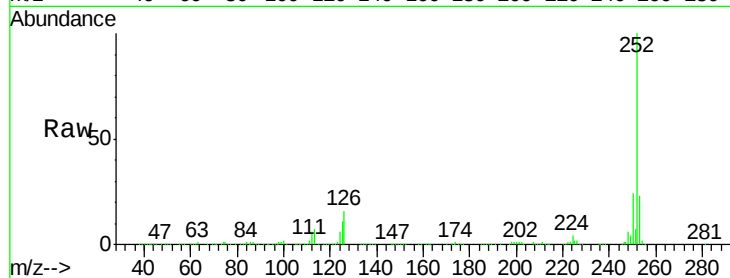
Tot Ion:252 Resp: 777784

Ion Ratio Lower Upper

252 100

253 22.5 17.7 26.5

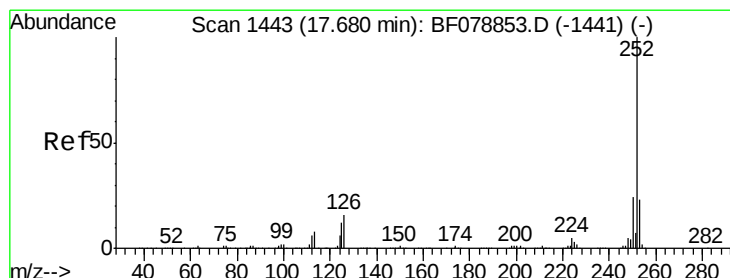
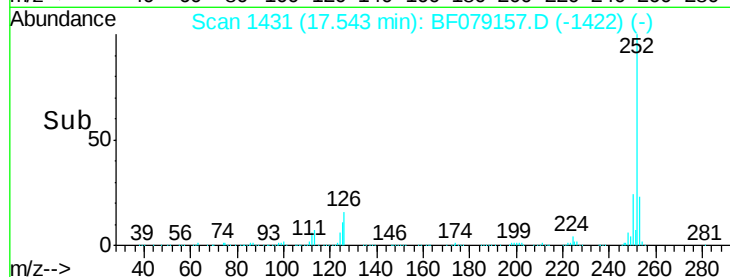
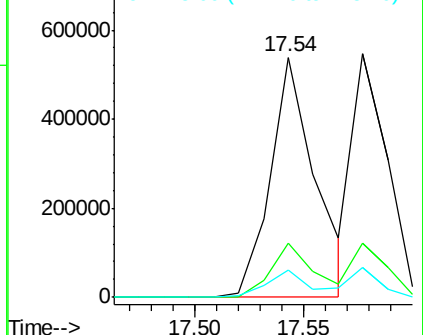
125 11.2 9.5 14.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 34.96 ng

RT: 17.58 min Scan# 1434

Delta R.T. 0.00 min

Lab File: BF079157.D

Acq: 12 May 2015 14:48

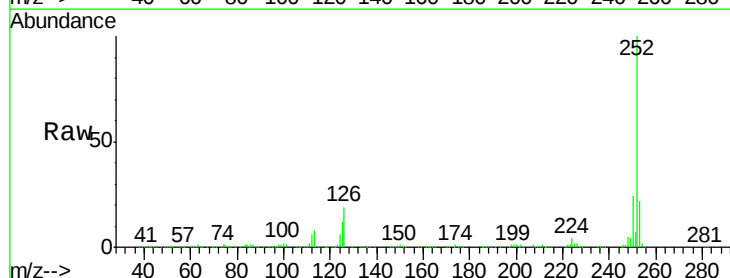
Tgt Ion:252 Resp: 602597

Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

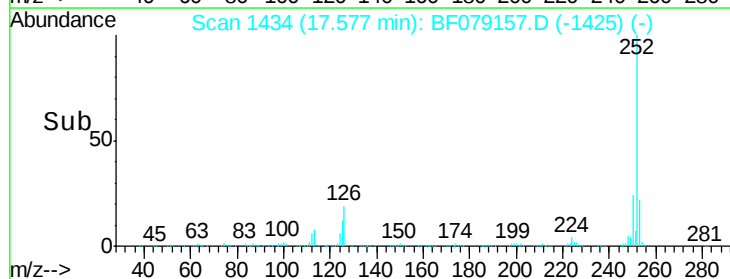
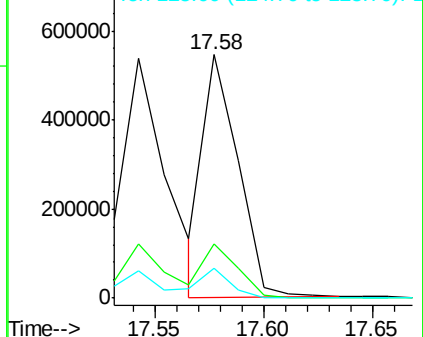
125 12.4 10.0 15.0

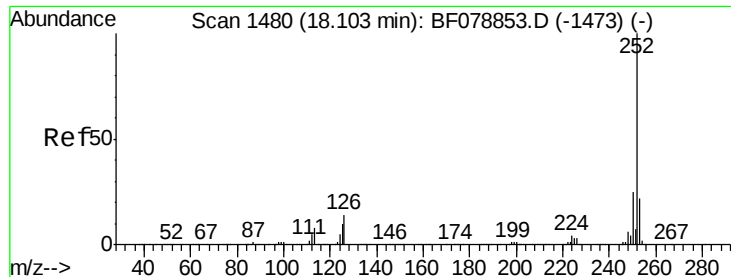


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.15 ng

RT: 17.95 min Scan# 1467

Delta R.T. 0.00 min

Lab File: BF079157.D

Acq: 12 May 2015 14:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

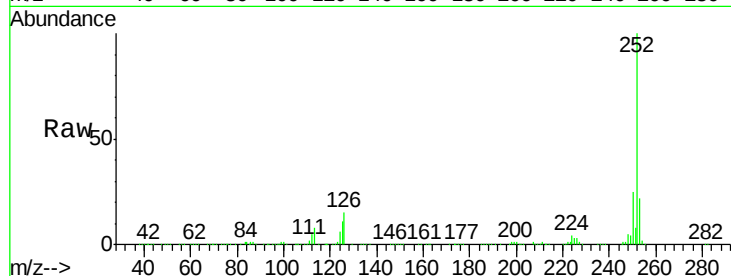
Tot Ion:252 Resp: 658168

Ion Ratio Lower Upper

252 100

253 22.5 17.3 25.9

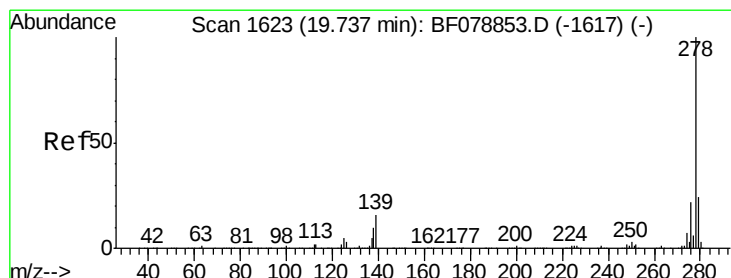
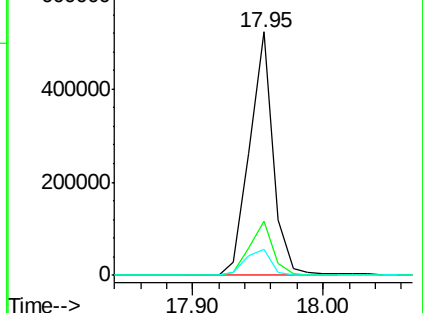
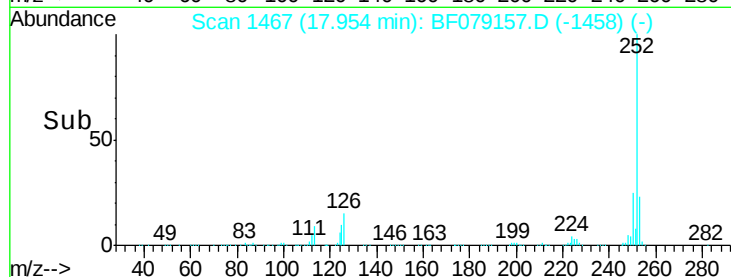
125 10.5 7.0 10.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.00 ng

RT: 19.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: BF079157.D

Acq: 12 May 2015 14:48

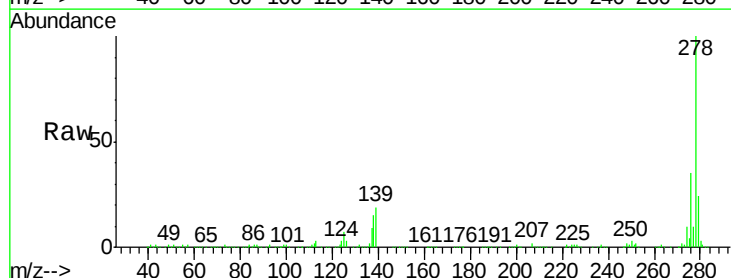
Tgt Ion:278 Resp: 679478

Ion Ratio Lower Upper

278 100

139 19.1 12.8 19.2

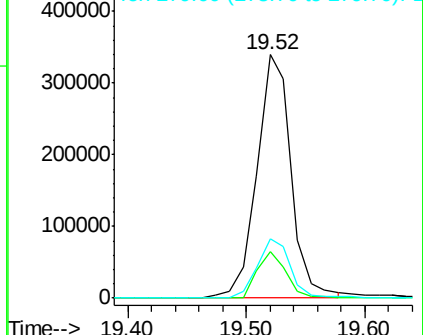
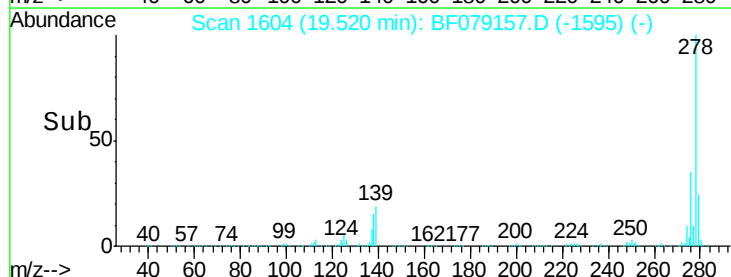
279 24.3 19.6 29.4

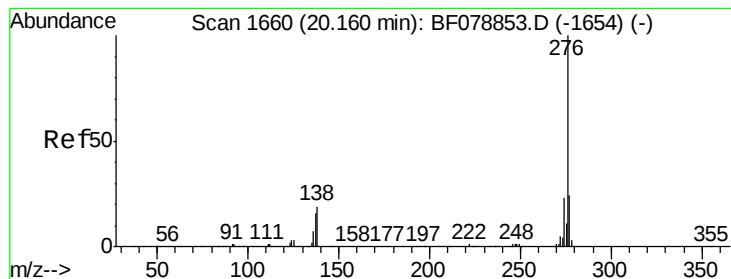


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 40.33 ng

RT: 19.93 min Scan# 1640

Delta R.T. 0.00 min

Lab File: BF079157.D

Acq: 12 May 2015 14:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:276 Resp: 704332

Ion Ratio Lower Upper

276 100

277 24.2 18.6 28.0

138 24.3 17.4 26.0

