

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113015\
 Data File : BF083355.D
 Acq On : 1 Dec 2015 1:42
 Operator : UM/IZ
 Sample : PB84847BSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86847BSD

Quant Time: Dec 01 02:17:40 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	164266	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	635984	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	329018	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	634282	20.00	ng	0.00
75) Chrysene-d12	14.75	240	605203	20.00	ng	-0.01
86) Perylene-d12	16.82	264	458256	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.14	112	763368	69.73	ng	0.01
7) Phenol-d6	6.21	99	978379	65.30	ng	-0.01
23) Nitrobenzene-d5	7.13	82	959355	66.31	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	218214	66.07	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	1572018	68.09	ng	0.00
78) Terphenyl-d14	13.22	244	1624952	64.03	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.04	88	155673	26.26	ng	# 86
3) Pyridine	2.65	79	393767	26.56	ng	98
4) n-Nitrosodimethylamine	2.60	42	237622	32.56	ng	90
6) Aniline	6.21	93	356878	17.41	ng	94
8) 2-Chlorophenol	6.34	128	398912	33.04	ng	98
9) Benzaldehyde	6.09	77	99786	11.25	ng	94
10) Phenol	6.22	94	509436	28.26	ng	# 69
11) bis(2-Chloroethyl)ether	6.29	93	434943	33.16	ng	95
12) 1,3-Dichlorobenzene	6.49	146	432577	32.23	ng	98
13) 1,4-Dichlorobenzene	6.57	146	438920	31.64	ng	98
14) 1,2-Dichlorobenzene	6.57	146	438920	34.48	ng	97
15) Benzyl Alcohol	6.72	79	387898	33.50	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.84	45	746486	32.44	ng	# 48
17) 2-Methylphenol	6.84	107	344732	34.25	ng	98
18) Hexachloroethane	7.06	117	153756	31.91	ng	96
19) n-Nitroso-di-n-propylamine	6.98	70	323054	30.16	ng	91
20) 3+4-Methylphenols	7.00	107	456471	33.48	ng	99
22) Acetophenone	6.97	105	567225	29.81	ng	# 93
24) Nitrobenzene	7.14	77	465857	30.15	ng	89
25) Isophorone	7.39	82	858788	30.64	ng	97
26) 2-Nitrophenol	7.46	139	200445	31.78	ng	94
27) 2,4-Dimethylphenol	7.53	122	346669	32.79	ng	99
28) bis(2-Chloroethoxy)methane	7.61	93	532645	33.38	ng	99
29) 2,4-Dichlorophenol	7.71	162	341637	33.60	ng	97
30) 1,2,4-Trichlorobenzene	7.78	180	339044	30.64	ng	97
31) Naphthalene	7.86	128	1124849	32.60	ng	98
32) Benzoic acid	7.66	122	218918	30.02	ng	100
33) 4-Chloroaniline	7.93	127	196854	13.23	ng	98
34) Hexachlorobutadiene	7.98	225	198819	31.64	ng	99
35) Caprolactam	8.29	113	74769	23.27	ng	92
36) 4-Chloro-3-methylphenol	8.43	107	378226	33.16	ng	96
37) 2-Methylnaphthalene	8.54	142	722956	31.35	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	320564	30.74	ng	97
40) Hexachlorocyclopentadiene	8.70	237	316938	63.97	ng	98

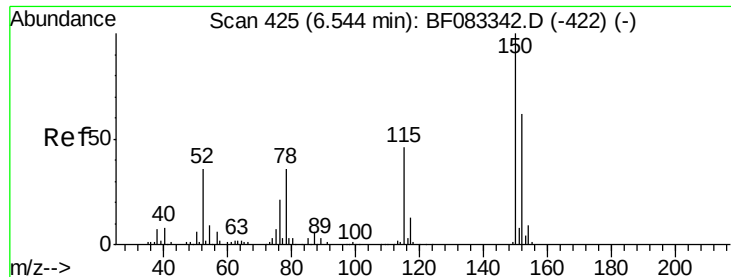
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF113015\
 Data File : BF083355.D
 Acq On : 1 Dec 2015 1:42
 Operator : UM/IZ
 Sample : PB84847BSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86847BSD

Quant Time: Dec 01 02:17:40 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	242015	33.08	ng	99
43) 2,4,5-Trichlorophenol	8.89	196	259333	34.21	ng	99
45) 1,1'-Biphenyl	9.01	154	873501	30.27	ng	96
46) 2-Chloronaphthalene	9.04	162	736947	33.52	ng	96
47) 2-Nitroaniline	9.14	65	266716	30.63	ng	# 75
48) Acenaphthylene	9.45	152	1158621	33.04	ng	99
49) Dimethylphthalate	9.33	163	871889	32.61	ng	99
50) 2,6-Dinitrotoluene	9.39	165	198735	34.80	ng	# 83
51) Acenaphthene	9.62	154	672370	32.59	ng	99
52) 3-Nitroaniline	9.55	138	105670	15.79	ng	# 76
53) 2,4-Dinitrophenol	9.66	184	224416	65.49	ng	96
54) Dibenzofuran	9.79	168	973212	32.19	ng	99
55) 4-Nitrophenol	9.76	139	277290	66.24	ng	# 59
56) 2,4-Dinitrotoluene	9.79	165	248073	34.24	ng	91
57) Fluorene	10.13	166	815056	34.14	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.93	232	193144	31.58	ng	94
59) Diethylphthalate	10.03	149	843650	33.10	ng	99
60) 4-Chlorophenyl-phenylether	10.13	204	373708	34.07	ng	96
61) 4-Nitroaniline	10.17	138	187031	27.93	ng	88
62) Azobenzene	10.29	77	1036884	33.68	ng	96
64) 4,6-Dinitro-2-methylphenol	10.20	198	151439	35.56	ng	78
65) n-Nitrosodiphenylamine	10.26	169	718967	32.26	ng	100
66) 4-Bromophenyl-phenylether	10.64	248	225823	32.55	ng	95
67) Hexachlorobenzene	10.69	284	248998	32.46	ng	# 71
68) Atrazine	10.82	200	205844	33.39	ng	99
69) Pentachlorophenol	10.92	266	283373	70.51	ng	99
70) Phenanthrene	11.15	178	1241858	33.08	ng	99
71) Anthracene	11.22	178	1283685	33.97	ng	100
72) Carbazole	11.41	167	1158247	34.11	ng	100
73) Di-n-butylphthalate	11.86	149	1364905	33.92	ng	99
74) Fluoranthene	12.66	202	1286491	33.06	ng	97
76) Benzidine	12.87	184	368443	20.44	ng	98
77) Pyrene	12.97	202	1330062	31.47	ng	98
79) Butylbenzylphthalate	13.96	149	576206	32.14	ng	96
80) Benzo(a)anthracene	14.74	228	1199740	32.36	ng	99
81) 3,3'-Dichlorobenzidine	14.73	252	268416	23.18	ng	99
82) Chrysene	14.80	228	1133410	31.64	ng	99
83) Bis(2-ethylhexyl)phthalate	14.88	149	815205	33.89	ng	100
84) Di-n-octyl phthalate	15.85	149	1290316	36.03	ng	100
85) Indeno(1,2,3-cd)pyrene	18.19	276	844526	32.37	ng	99
87) Benzo(b)fluoranthene	16.31	252	1041683	35.43	ng	99
88) Benzo(k)fluoranthene	16.35	252	872958	31.44	ng	99
89) Benzo(a)pyrene	16.74	252	890124	35.24	ng	# 96
90) Dibenzo(a,h)anthracene	18.23	278	715724	32.52	ng	98
91) Benzo(g,h,i)perylene	18.57	276	694404	32.15	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF083355.D

Acq: 1 Dec 2015 1:42

Instrument :

BNA_F

ClientSampleId :

PB86847BSD

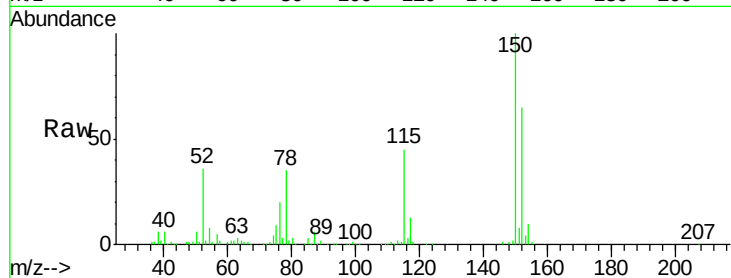
Tgt Ion:152 Resp: 164266

Ion Ratio Lower Upper

152 100

150 153.0 129.8 194.8

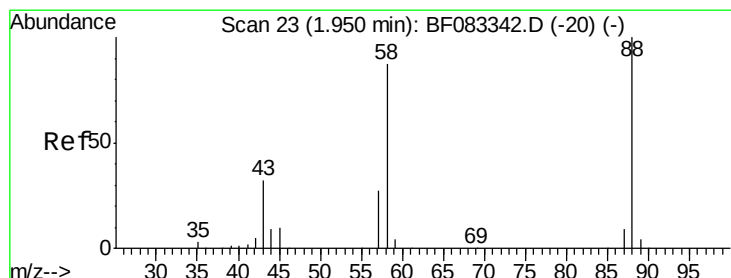
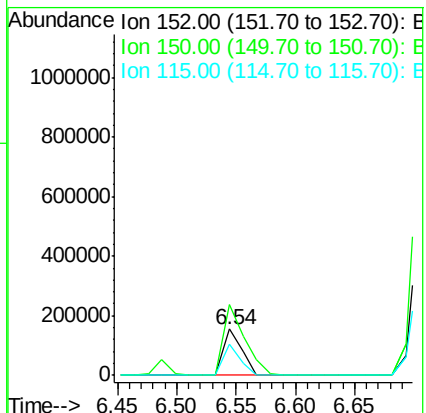
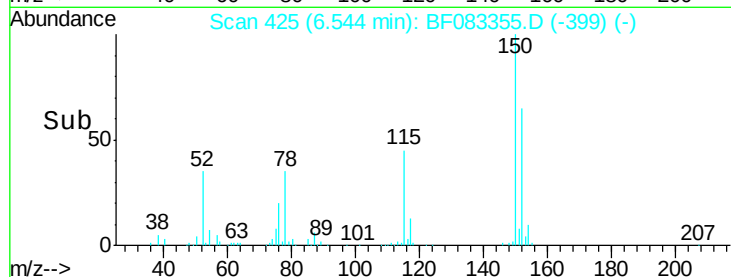
115 68.6 59.2 88.8



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: 26.26 ng

RT: 2.04 min Scan# 31

Delta R.T. 0.09 min

Lab File: BF083355.D

Acq: 1 Dec 2015 1:42

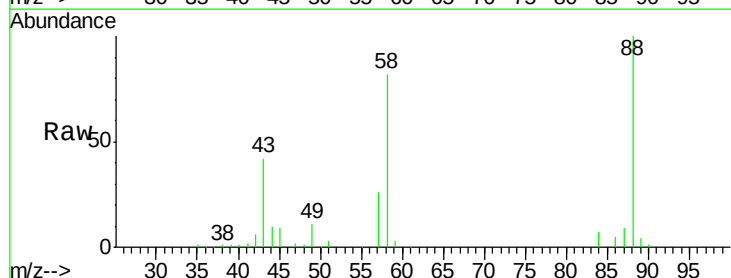
Tgt Ion: 88 Resp: 155673

Ion Ratio Lower Upper

88 100

58 90.7 66.6 100.0

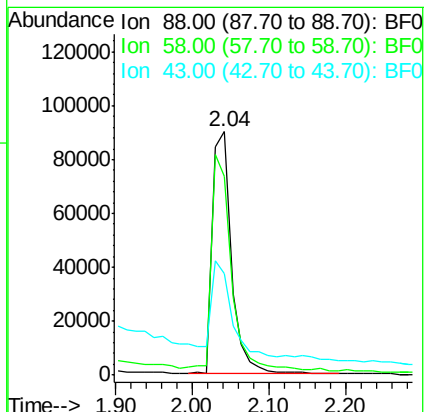
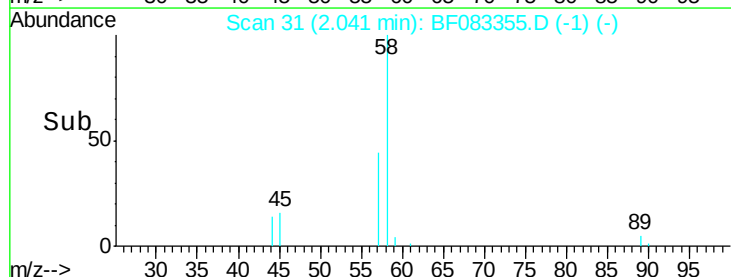
43 50.0 27.1 40.7#

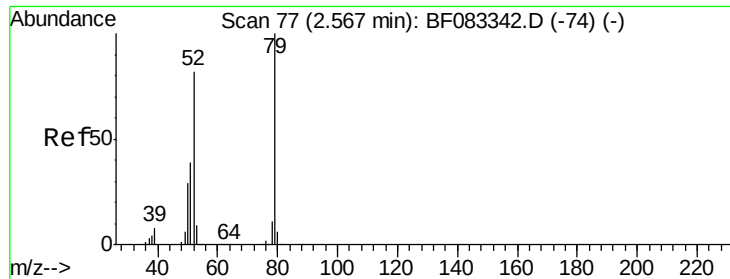


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

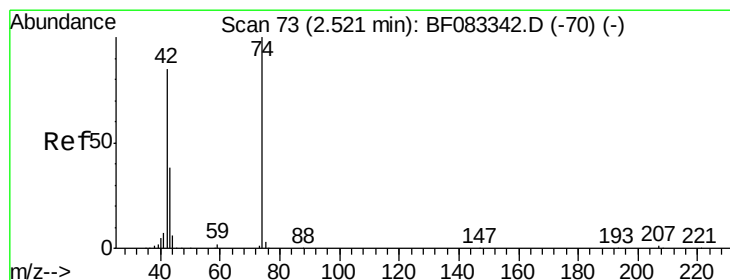
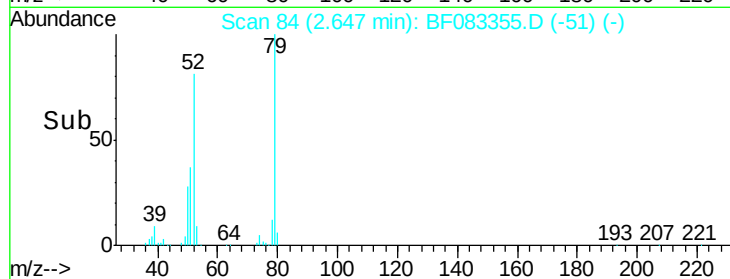
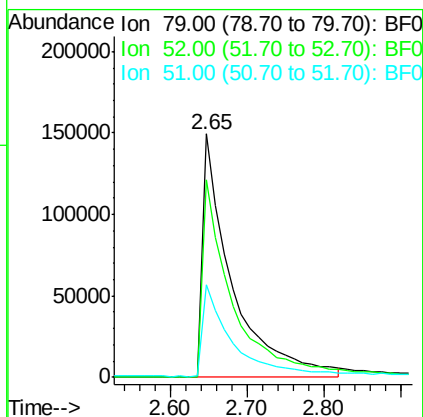
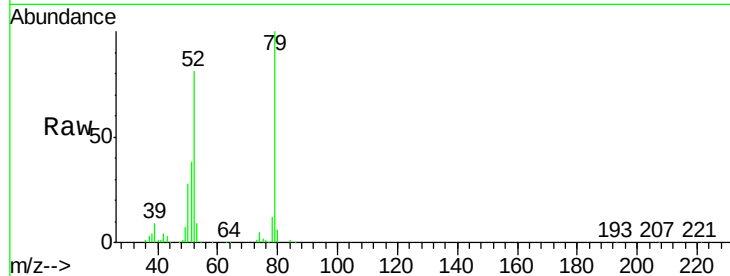




#3
 Pyridine
 Concen: 26.56 ng
 RT: 2.65 min Scan# 84
 Delta R.T. 0.08 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

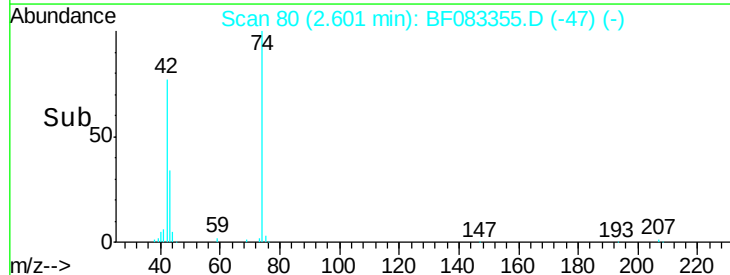
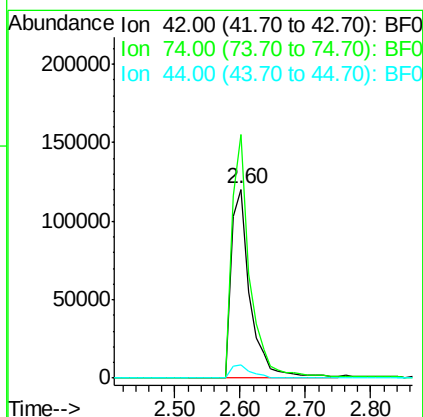
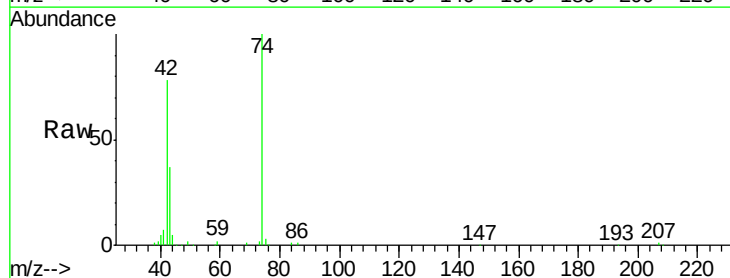
Instrument :
 BNA_F
 ClientSampleId :
 PB86847BSD

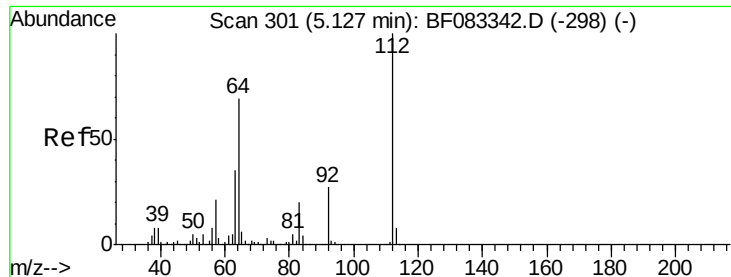
Tgt Ion: 79 Resp: 393767
 Ion Ratio Lower Upper
 79 100
 52 81.3 65.9 98.9
 51 38.1 32.3 48.5



#4
 n-Nitrosodimethylamine
 Concen: 32.56 ng
 RT: 2.60 min Scan# 80
 Delta R.T. 0.08 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

Tgt Ion: 42 Resp: 237622
 Ion Ratio Lower Upper
 42 100
 74 129.0 93.7 140.5
 44 6.7 5.6 8.4





#5

2-Fluorophenol

Concen: 69.73 ng

RT: 5.14 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF083355.D

Acq: 1 Dec 2015 1:42

Instrument :

BNA_F

ClientSampleId :

PB86847BSD

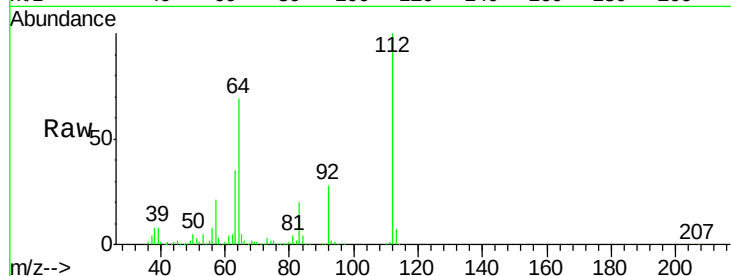
Tgt Ion: 112 Resp: 763368

Ion Ratio Lower Upper

112 100

64 68.9 55.6 83.4

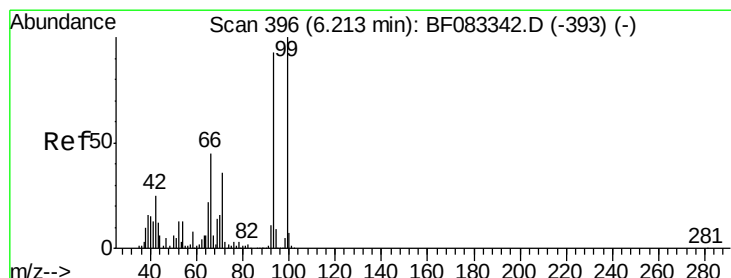
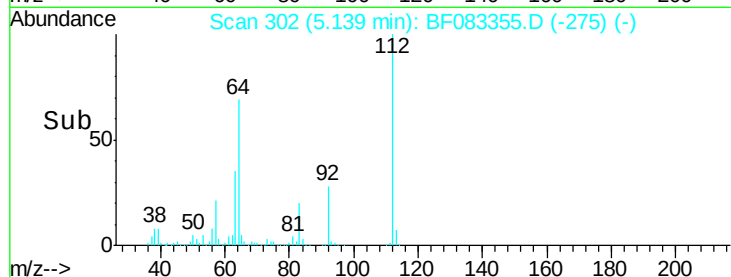
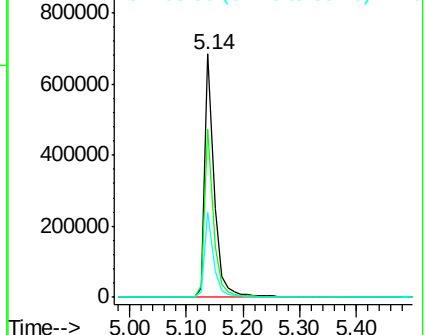
63 35.0 28.2 42.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 17.41 ng

RT: 6.21 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF083355.D

Acq: 1 Dec 2015 1:42

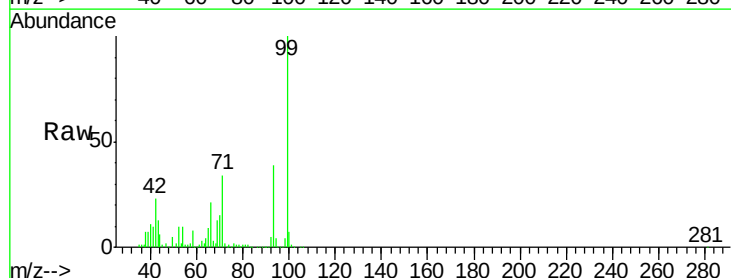
Tgt Ion: 93 Resp: 356878

Ion Ratio Lower Upper

93 100

66 54.1 38.7 58.1

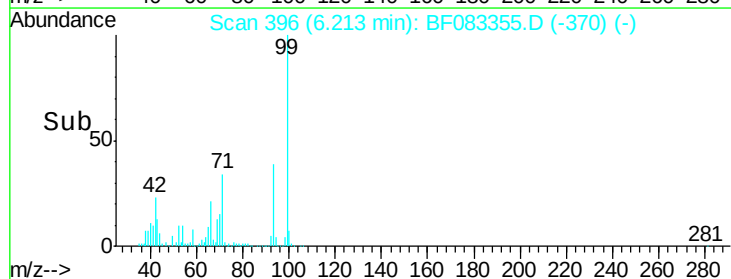
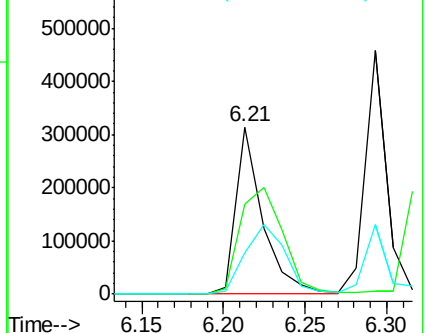
65 24.6 19.0 28.6

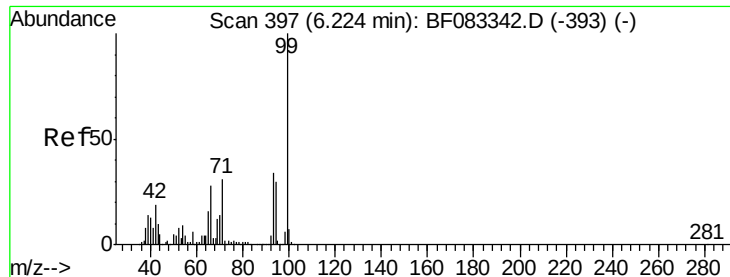


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 65.30 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF083355.D

Acq: 1 Dec 2015 1:42

Instrument :

BNA_F

ClientSampleId :

PB86847BSD

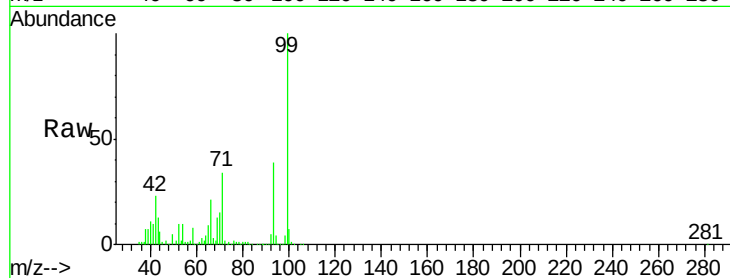
Tgt Ion: 99 Resp: 978379

Ion Ratio Lower Upper

99 100

42 23.4 14.9 22.3#

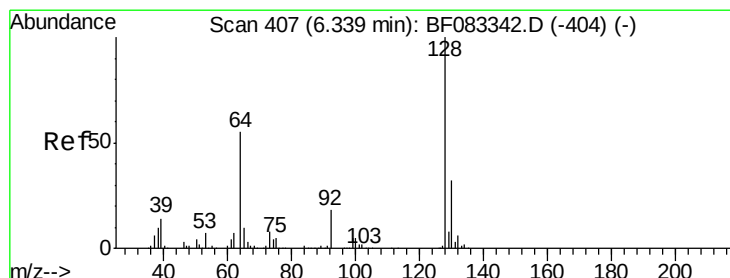
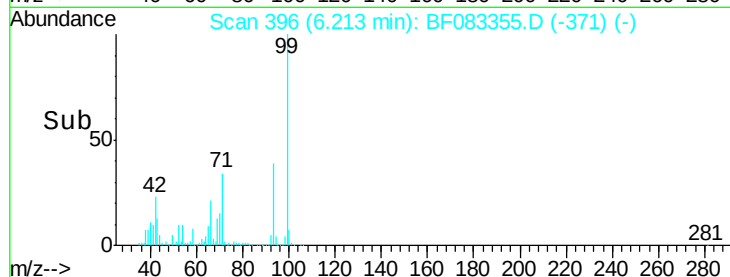
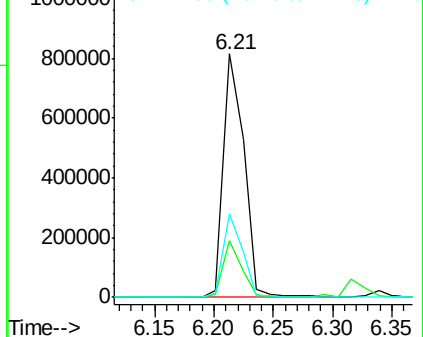
71 34.2 24.7 37.1



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: 33.04 ng

RT: 6.34 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF083355.D

Acq: 1 Dec 2015 1:42

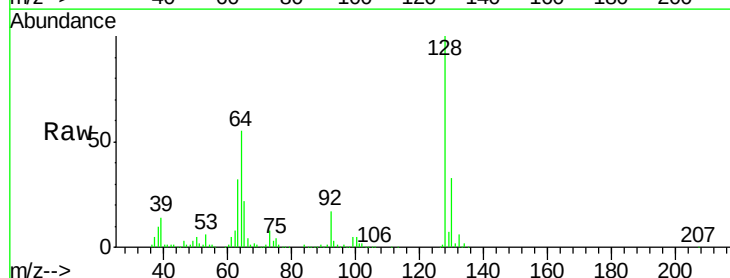
Tgt Ion: 128 Resp: 398912

Ion Ratio Lower Upper

128 100

130 32.6 12.3 52.3

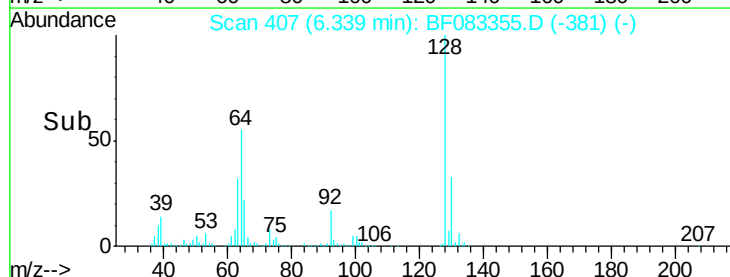
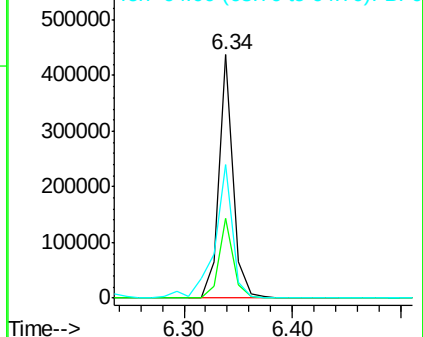
64 54.7 36.4 76.4

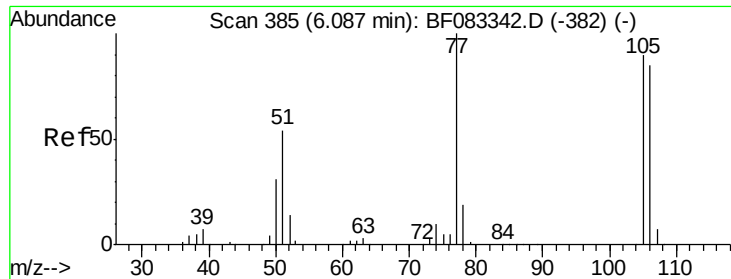


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 11.25 ng

RT: 6.09 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF083355.D

Acq: 1 Dec 2015 1:42

Instrument :

BNA_F

ClientSampleId :

PB86847BSD

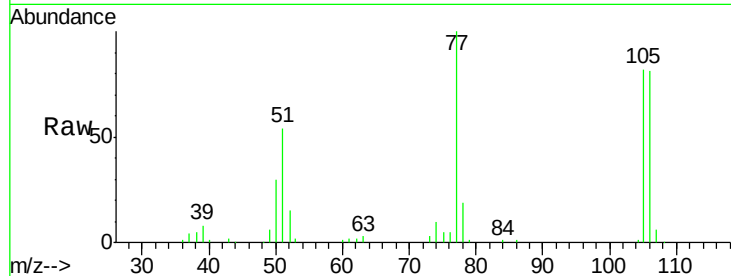
Tgt Ion: 77 Resp: 99786

Ion Ratio Lower Upper

77 100

105 82.5 70.0 110.0

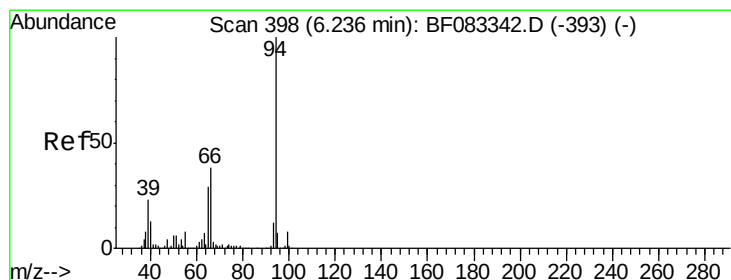
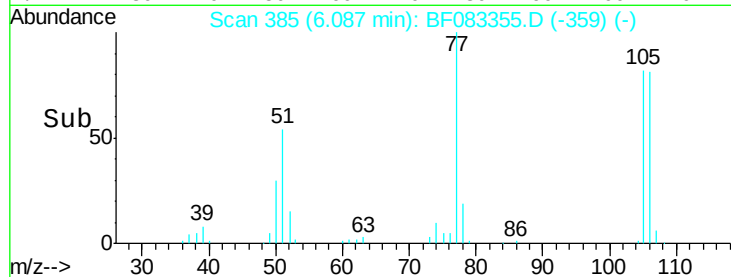
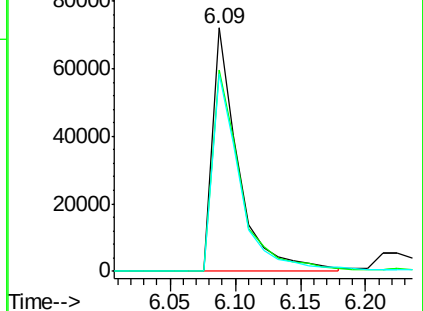
106 81.4 65.0 105.0



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: 28.26 ng

RT: 6.22 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF083355.D

Acq: 1 Dec 2015 1:42

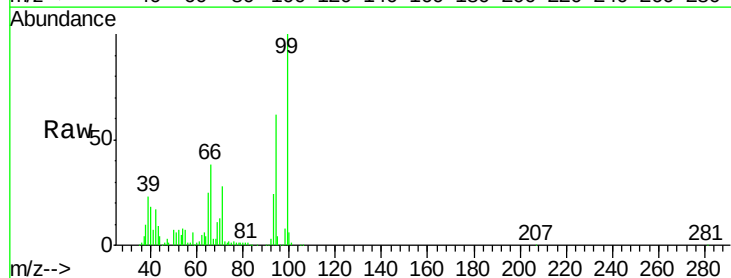
Tgt Ion: 94 Resp: 509436

Ion Ratio Lower Upper

94 100

65 40.5 9.5 49.5

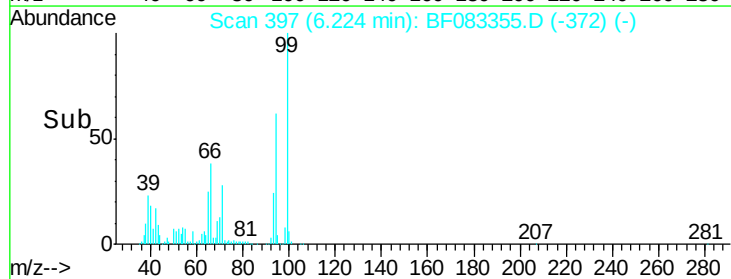
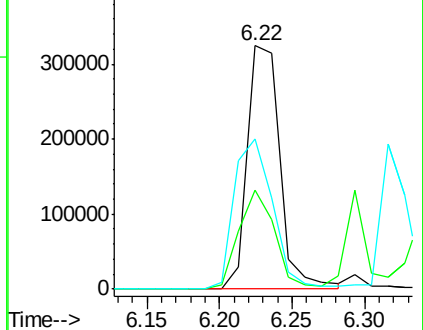
66 61.7 17.9 57.9#

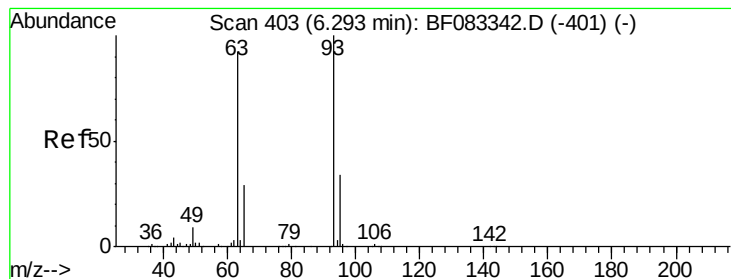


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 33.16 ng

RT: 6.29 min Scan# 403

Delta R.T. 0.00 min

Lab File: BF083355.D

Acq: 1 Dec 2015 1:42

Instrument :

BNA_F

ClientSampleId :

PB86847BSD

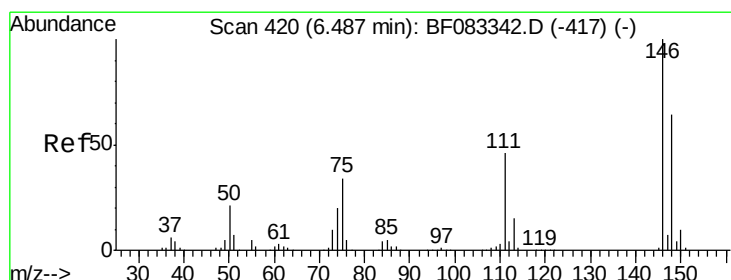
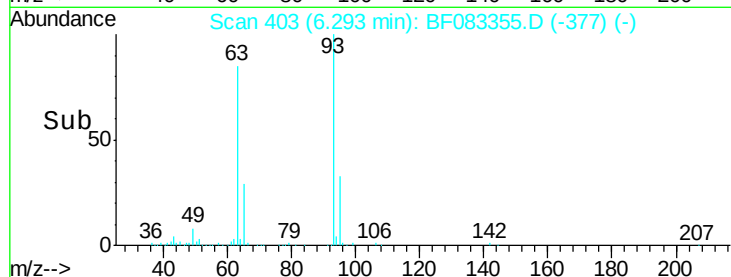
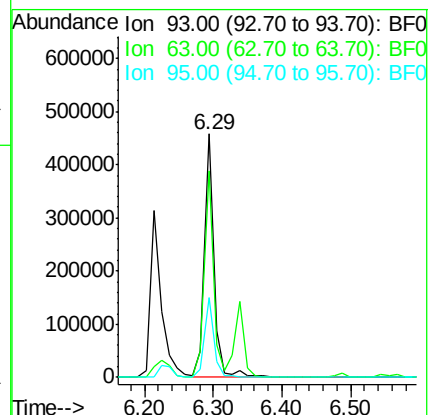
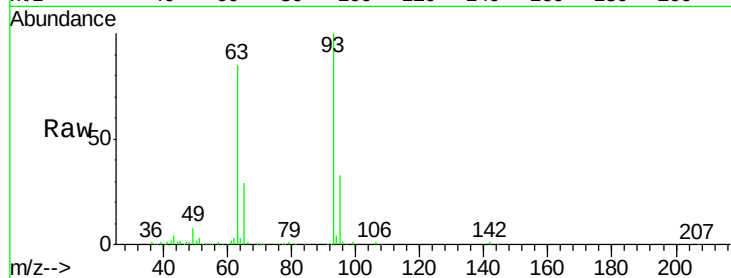
Tgt Ion: 93 Resp: 434943

Ion Ratio Lower Upper

93 100

63 85.0 71.4 111.4

95 32.5 13.4 53.4



#12

1,3-Dichlorobenzene

Concen: 32.23 ng

RT: 6.49 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF083355.D

Acq: 1 Dec 2015 1:42

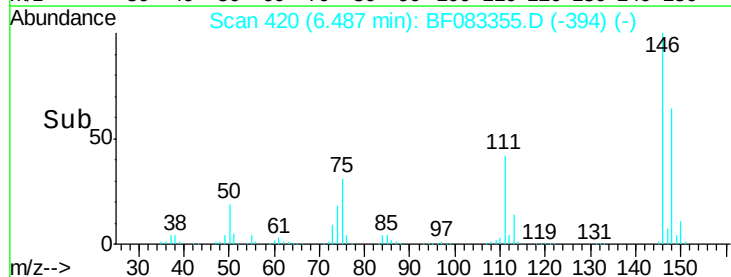
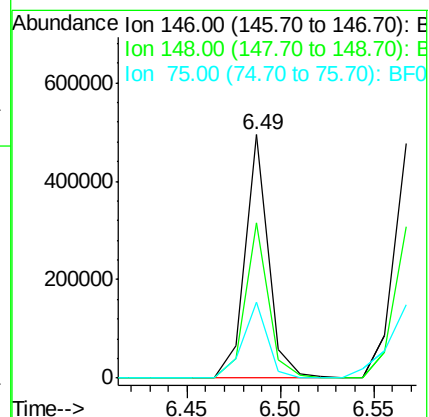
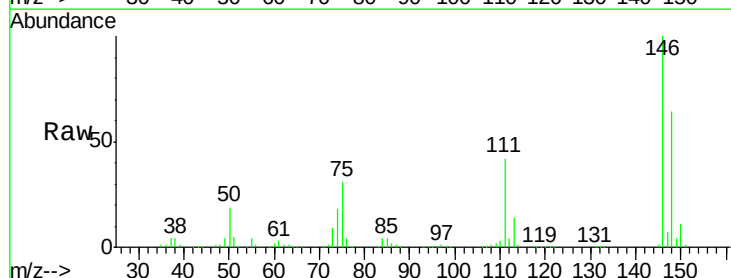
Tgt Ion: 146 Resp: 432577

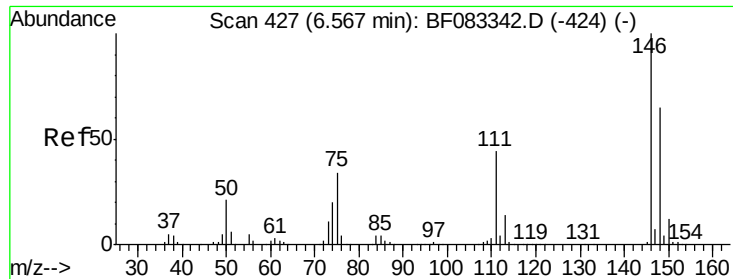
Ion Ratio Lower Upper

146 100

148 63.8 51.1 76.7

75 31.0 27.5 41.3

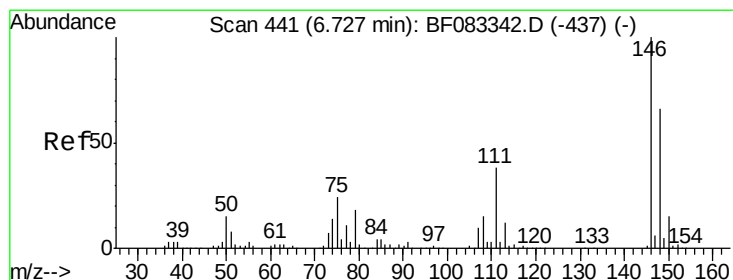
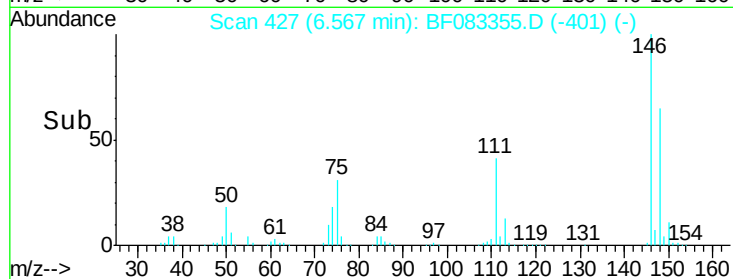
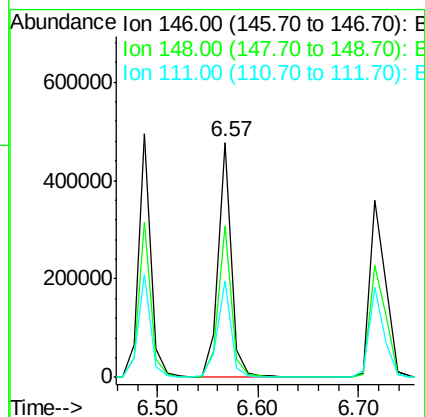
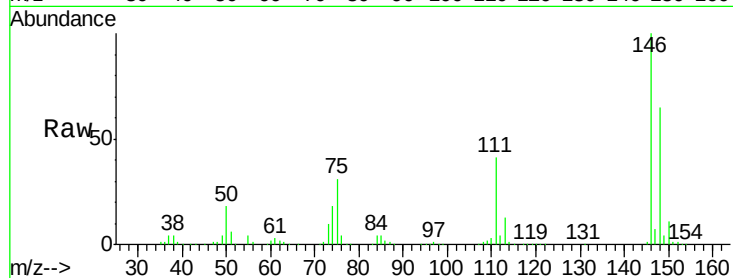




#13
 1,4-Dichlorobenzene
 Concen: 31.64 ng
 RT: 6.57 min Scan# 427
 Delta R.T. 0.00 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

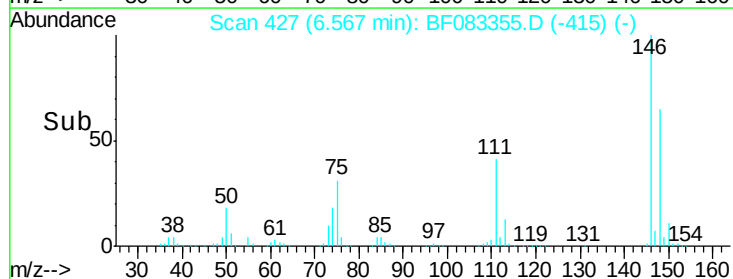
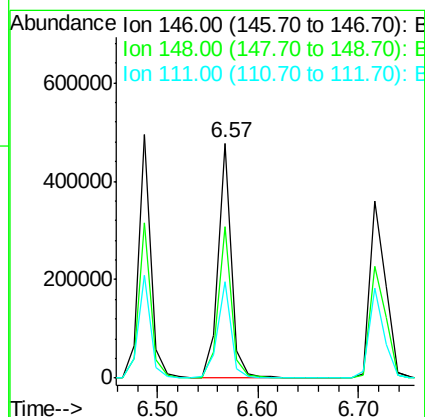
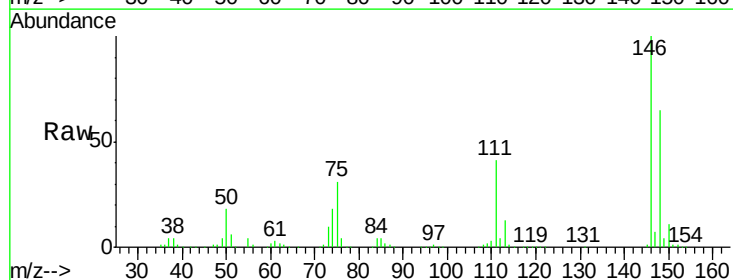
Instrument :
 BNA_F
 ClientSampleId :
 PB86847BSD

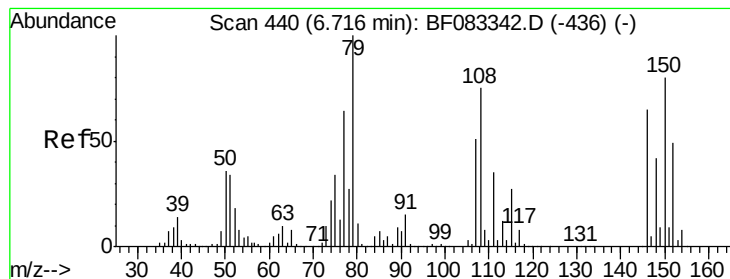
Tgt Ion:146 Resp: 438920
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.1 78.1
 111 41.1 35.4 53.0



#14
 1,2-Dichlorobenzene
 Concen: 34.48 ng
 RT: 6.57 min Scan# 427
 Delta R.T. -0.16 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

Tgt Ion:146 Resp: 438920
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.5 78.7
 111 41.1 30.6 46.0





#15

Benzyl Alcohol

Concen: 33.50 ng

RT: 6.72 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF083355.D

Acq: 1 Dec 2015 1:42

Instrument :

BNA_F

ClientSampleId :

PB86847BSD

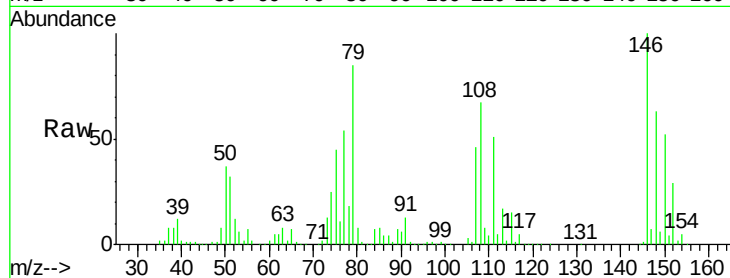
Tgt Ion: 79 Resp: 387898

Ion Ratio Lower Upper

79 100

108 79.3 59.9 89.9

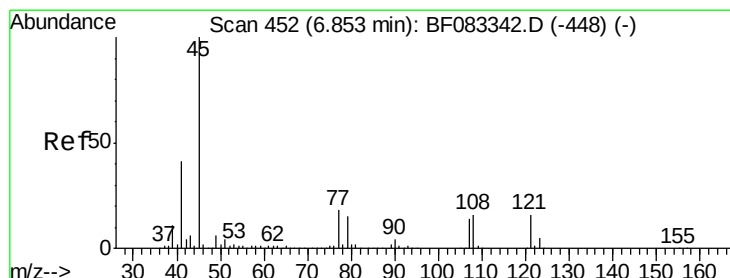
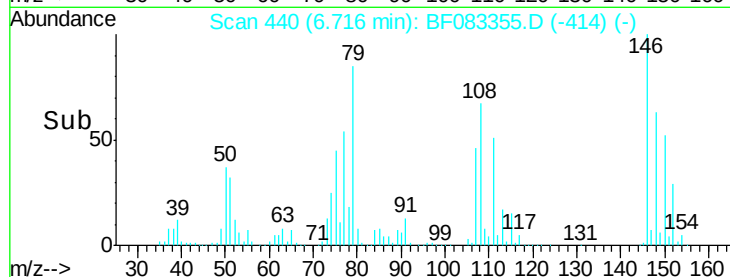
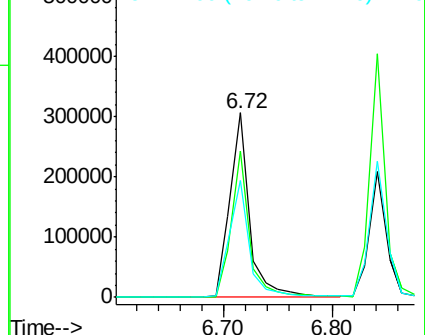
77 63.4 51.0 76.6



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: 32.44 ng

RT: 6.84 min Scan# 451

Delta R.T. -0.01 min

Lab File: BF083355.D

Acq: 1 Dec 2015 1:42

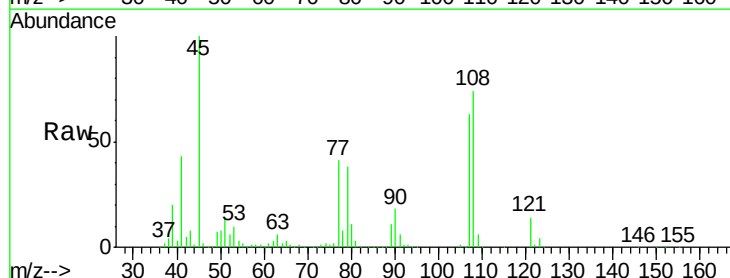
Tgt Ion: 45 Resp: 746486

Ion Ratio Lower Upper

45 100

77 41.0 0.0 38.3#

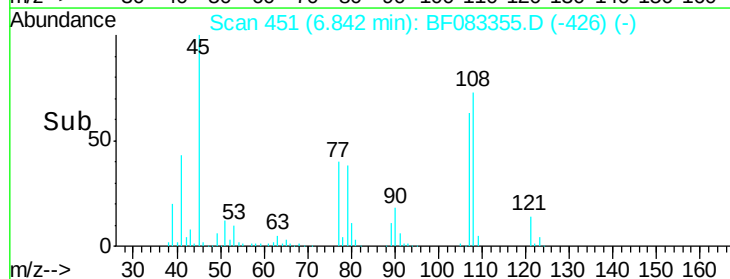
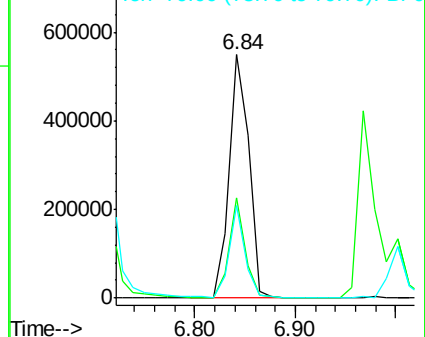
79 37.9 0.0 35.4#

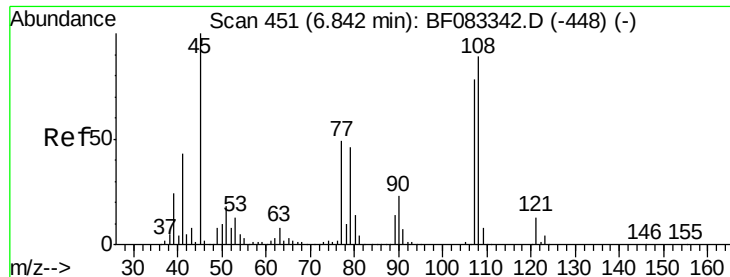


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

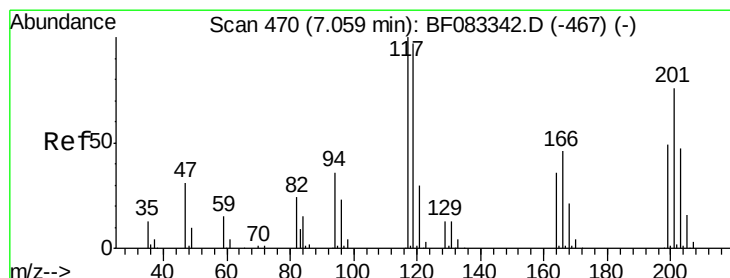
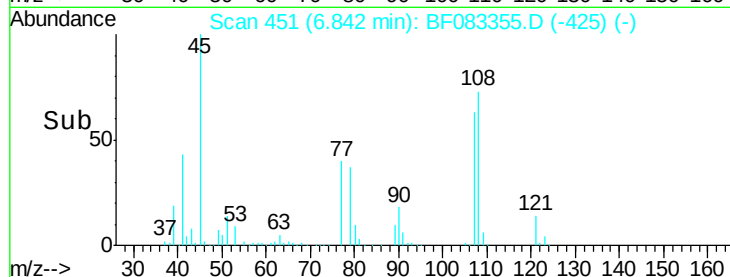
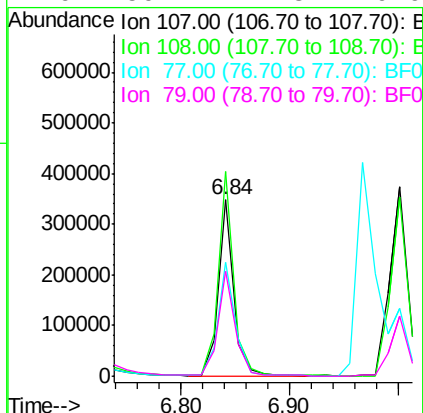
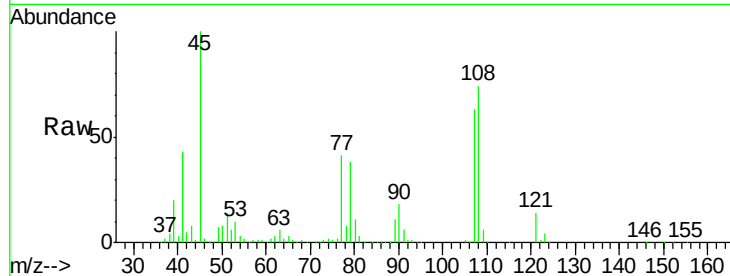




#17
2-Methylphenol
Concen: 34.25 ng
RT: 6.84 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

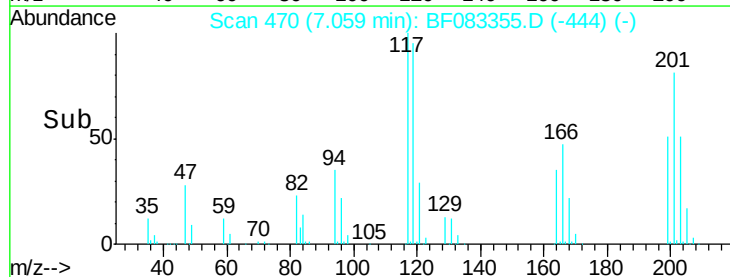
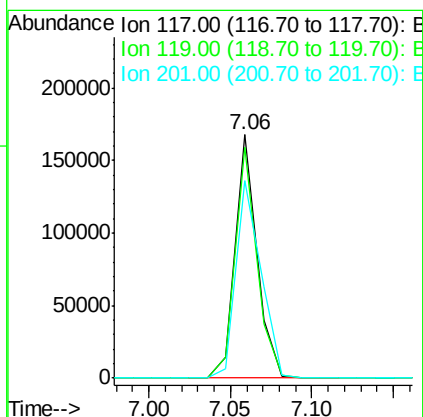
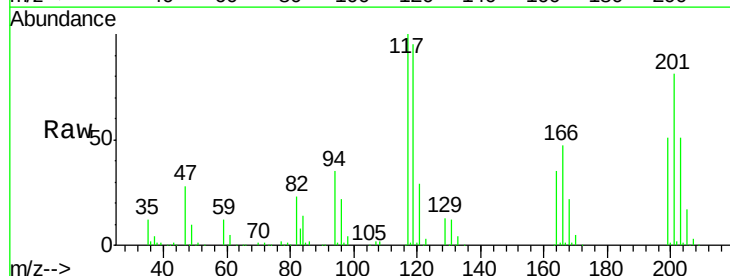
Instrument :
BNA_F
ClientSampleId :
PB86847BSD

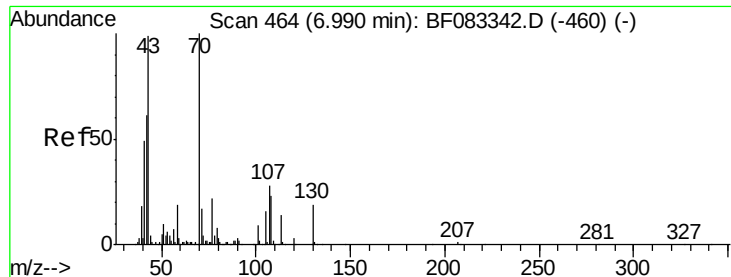
Tgt Ion:107 Resp: 344732
Ion Ratio Lower Upper
107 100
108 116.0 91.6 137.4
77 64.6 49.9 74.9
79 59.7 47.3 70.9



#18
Hexachloroethane
Concen: 31.91 ng
RT: 7.06 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion:117 Resp: 153756
Ion Ratio Lower Upper
117 100
119 94.5 77.3 115.9
201 81.1 60.6 90.8

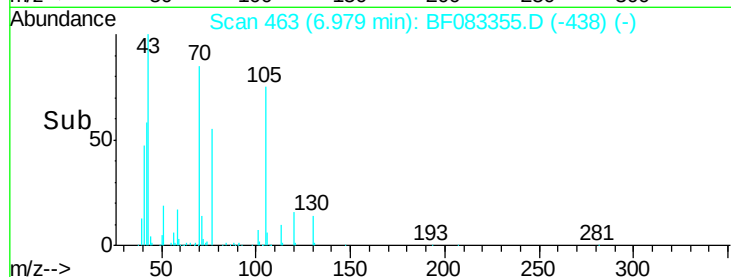
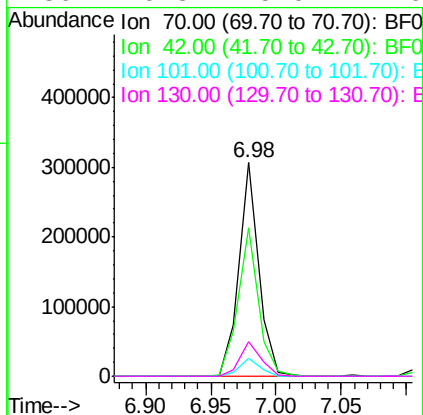
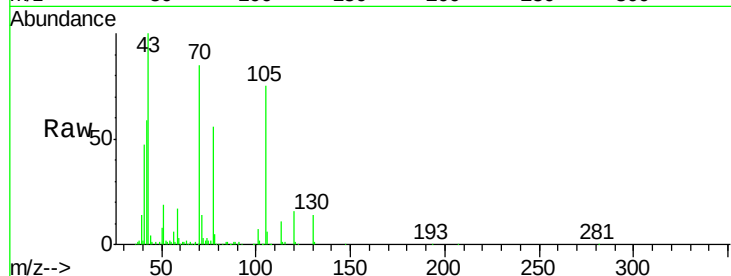




#19
n-Nitroso-di-n-propylamine
Concen: 30.16 ng
RT: 6.98 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

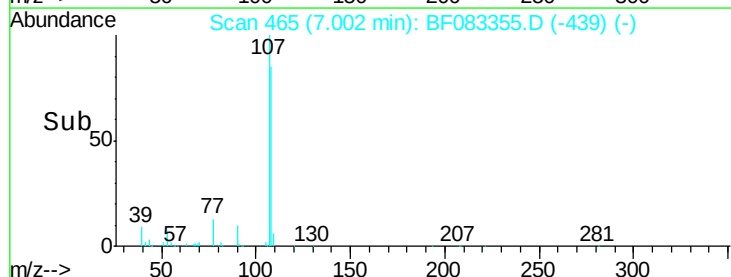
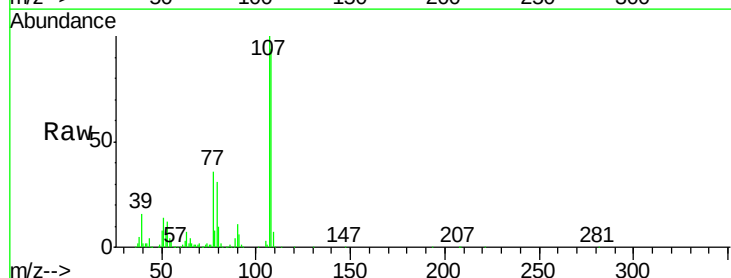
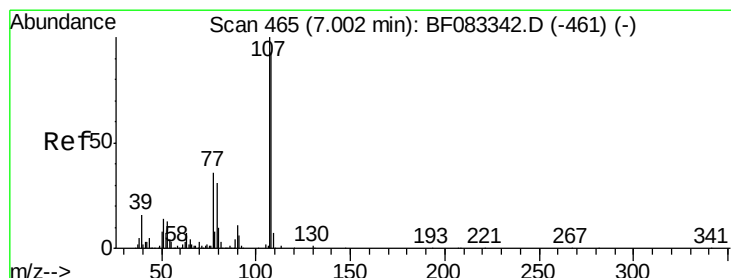
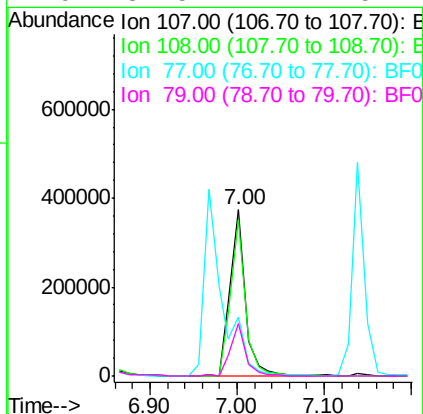
Instrument :
BNA_F
ClientSampleId :
PB86847BSD

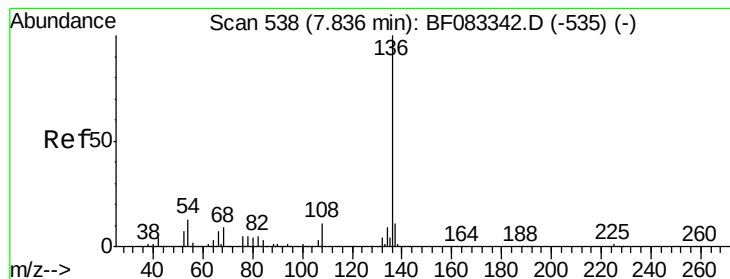
Tgt Ion: 70 Resp: 323054
Ion Ratio Lower Upper
70 100
42 69.5 48.8 73.2
101 8.3 7.1 10.7
130 16.3 15.0 22.6



#20
3+4-Methylphenols
Concen: 33.48 ng
RT: 7.00 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion:107 Resp: 456471
Ion Ratio Lower Upper
107 100
108 94.3 73.0 113.0
77 35.7 16.8 56.8
79 31.5 11.4 51.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 538

Delta R.T. 0.00 min

Lab File: BF083355.D

Acq: 1 Dec 2015 1:42

Instrument :

BNA_F

ClientSampleId :

PB86847BSD

Tgt Ion:136 Resp: 635984

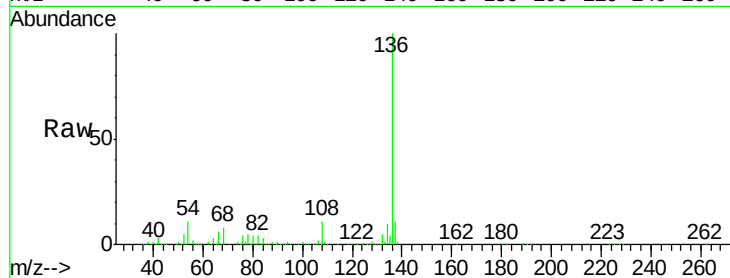
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 11.1 10.1 15.1

68 8.1 7.1 10.7

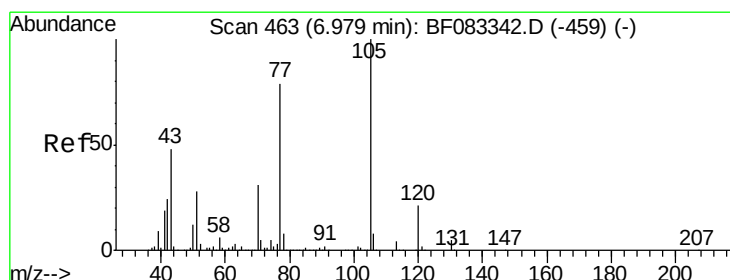
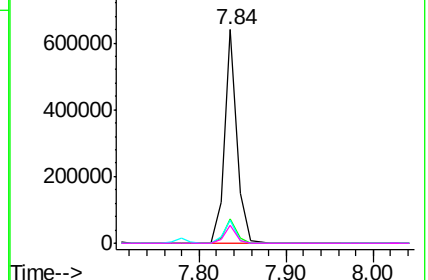
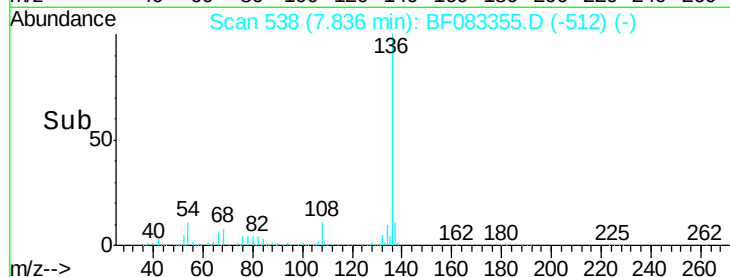


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 29.81 ng

RT: 6.97 min Scan# 462

Delta R.T. -0.01 min

Lab File: BF083355.D

Acq: 1 Dec 2015 1:42

Tgt Ion:105 Resp: 567225

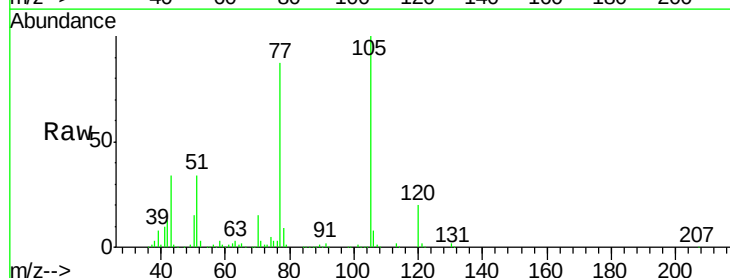
Ion Ratio Lower Upper

105 100

71 2.7 4.3 6.5#

51 34.4 22.9 34.3#

120 20.4 16.7 25.1

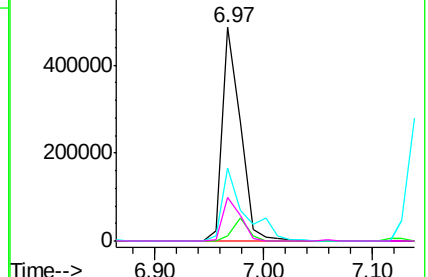
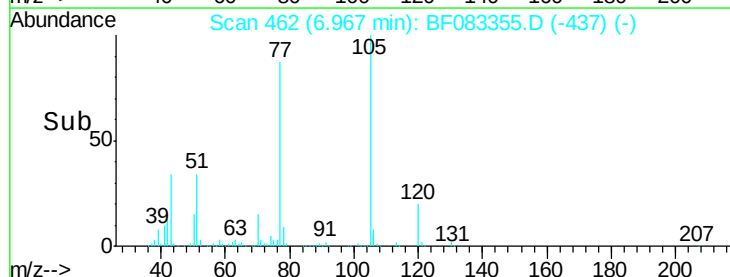


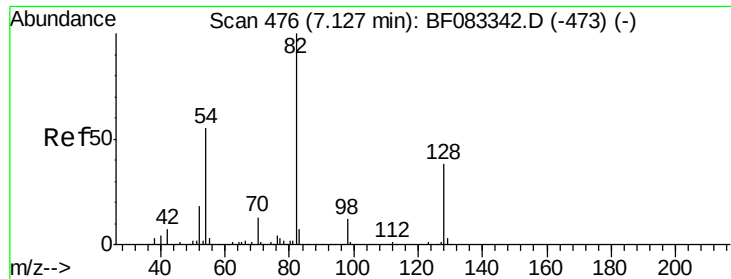
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

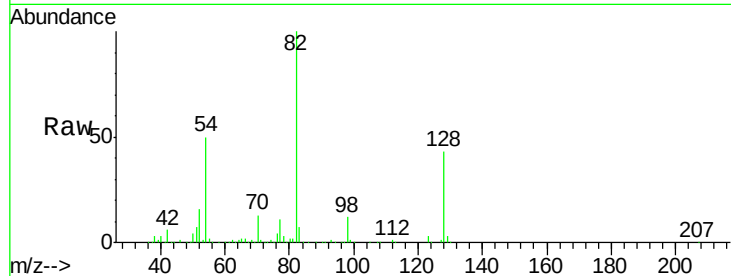




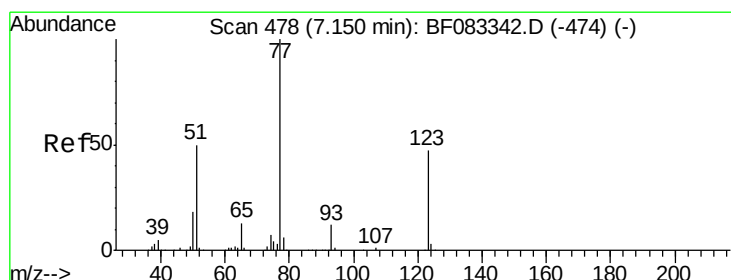
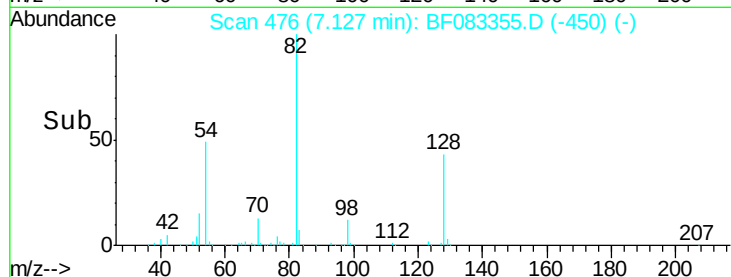
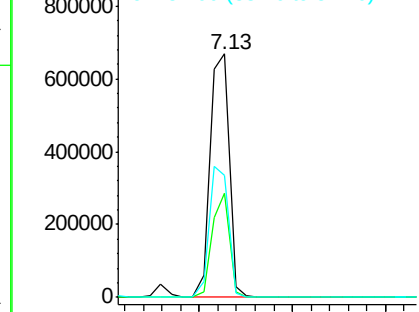
#23
 Nitrobenzene-d5
 Concen: 66.31 ng
 RT: 7.13 min Scan# 476
 Delta R.T. 0.00 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

Instrument :
 BNA_F
 ClientSampleId :
 PB86847BSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.9	30.6	46.0
54	50.0	43.8	65.6

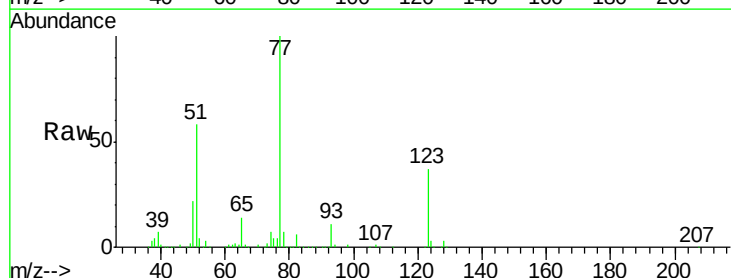


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

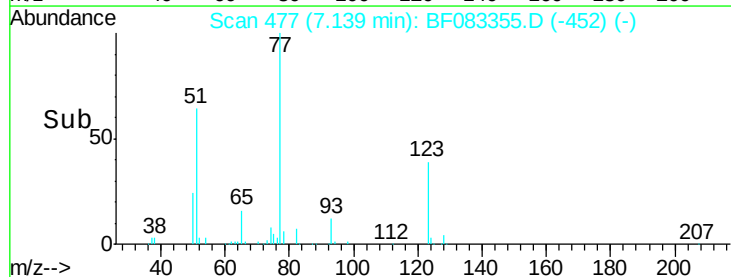
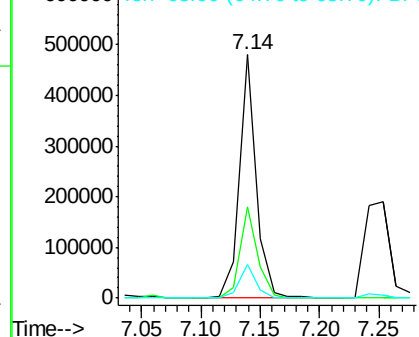


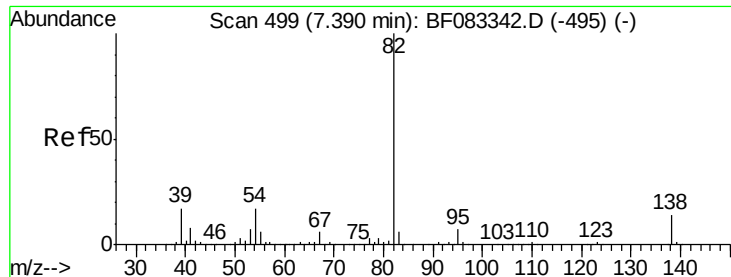
#24
 Nitrobenzene
 Concen: 30.15 ng
 RT: 7.14 min Scan# 477
 Delta R.T. -0.01 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.4	37.4	56.0
65	14.1	10.6	15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): BF0
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 30.64 ng

RT: 7.39 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF083355.D

Acq: 1 Dec 2015 1:42

Instrument :

BNA_F

ClientSampleId :

PB86847BSD

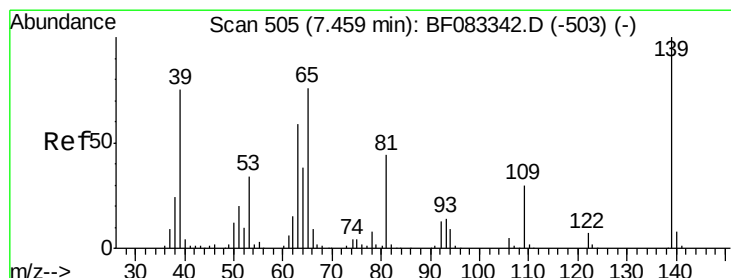
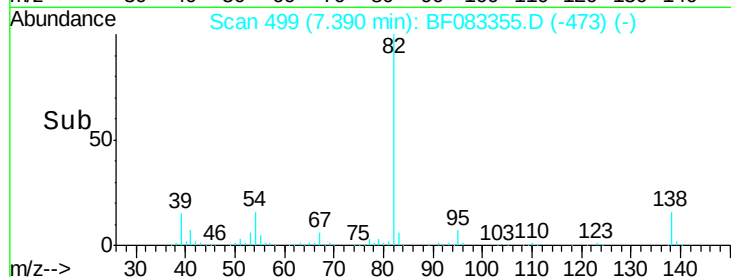
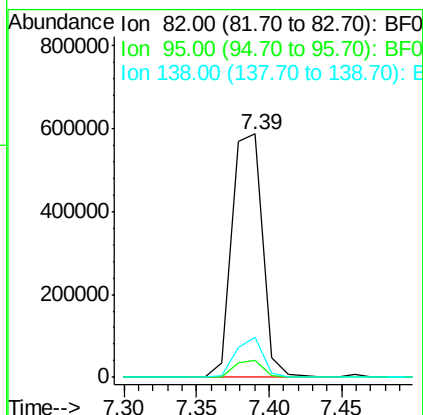
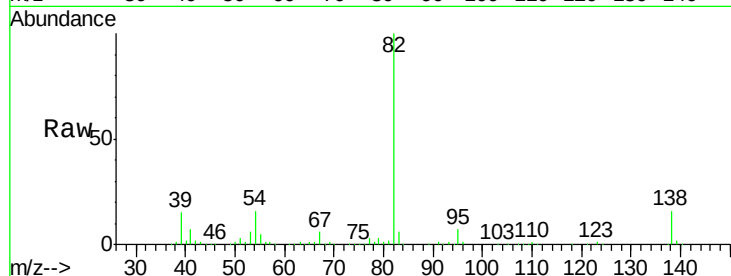
Tgt Ion: 82 Resp: 858788

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 16.2 11.6 17.4



#26

2-Nitrophenol

Concen: 31.78 ng

RT: 7.46 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF083355.D

Acq: 1 Dec 2015 1:42

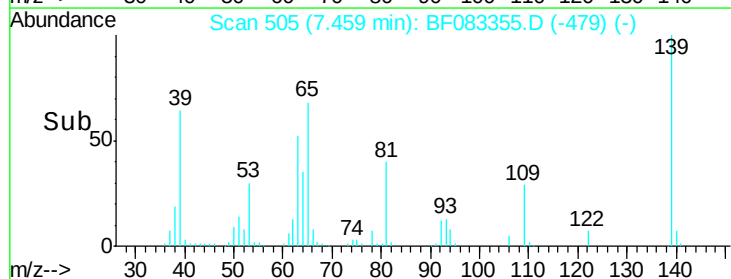
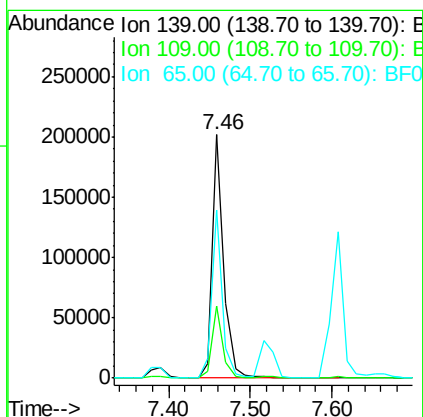
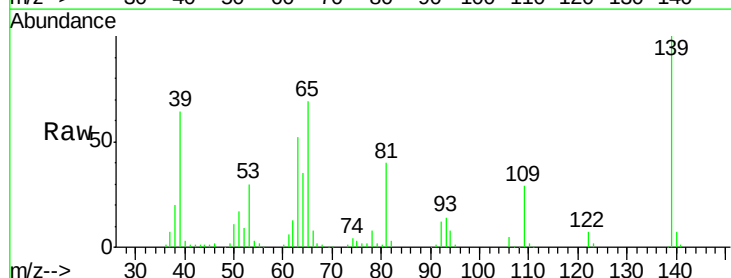
Tgt Ion: 139 Resp: 200445

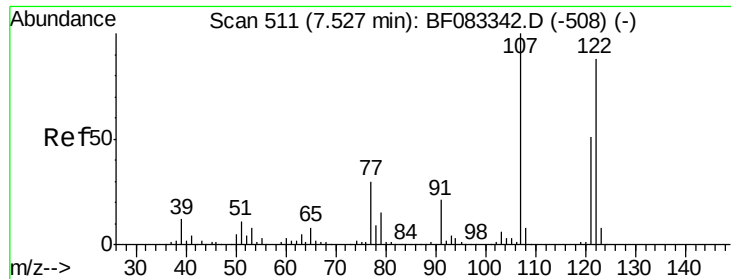
Ion Ratio Lower Upper

139 100

109 29.4 24.2 36.4

65 69.2 61.0 91.6

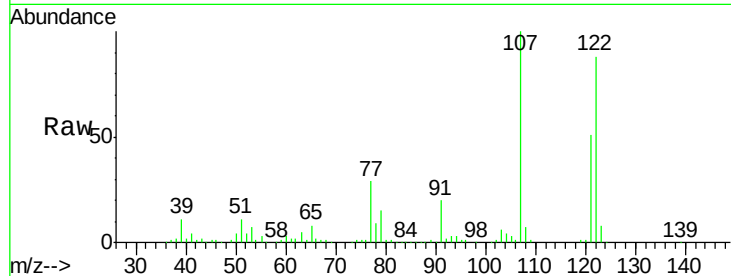




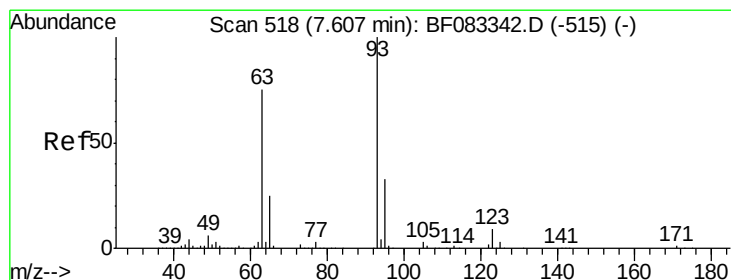
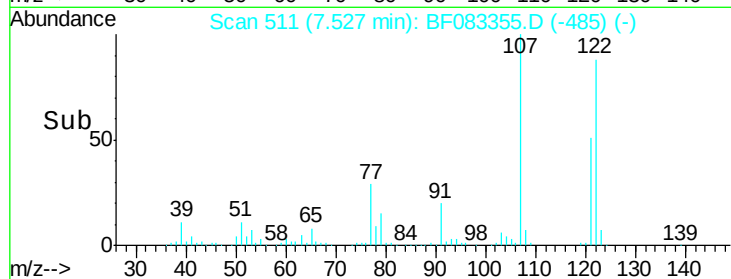
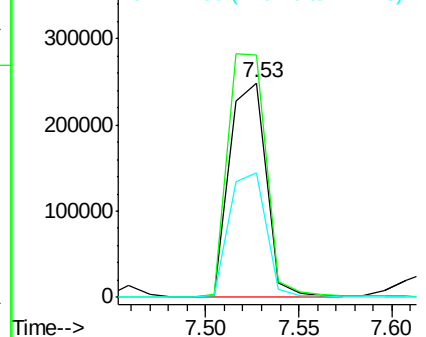
#27
 2,4-Dimethylphenol
 Concen: 32.79 ng
 RT: 7.53 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

Instrument :
 BNA_F
 ClientSampleId :
 PB86847BSD

Tgt Ion: 122 Resp: 346669
 Ion Ratio Lower Upper
 122 100
 107 113.2 91.2 136.8
 121 57.8 46.4 69.6

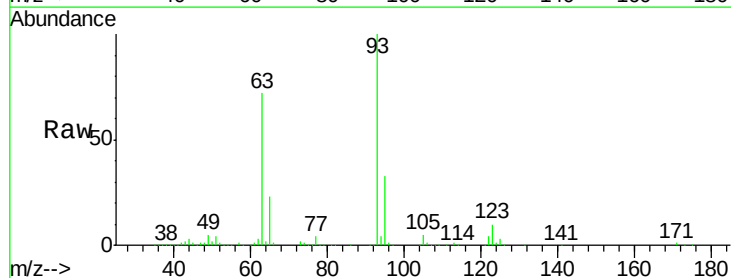


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

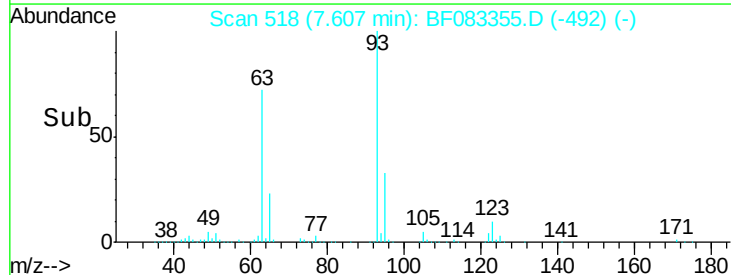
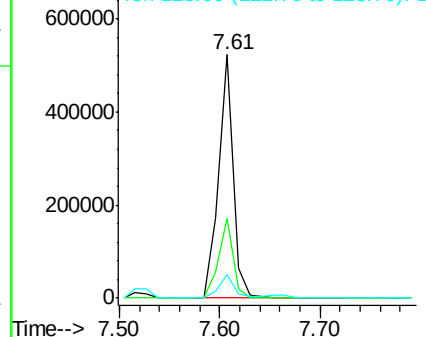


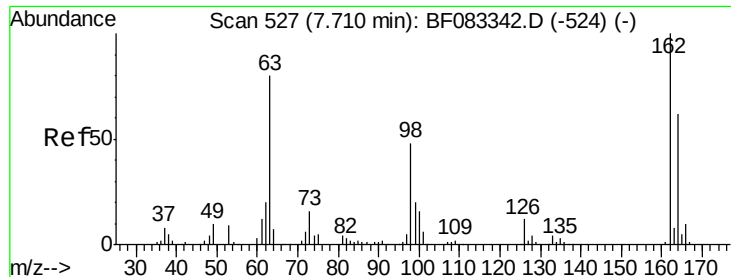
#28
 bis(2-Chloroethoxy)methane
 Concen: 33.38 ng
 RT: 7.61 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

Tgt Ion: 93 Resp: 532645
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.1 39.1
 123 9.8 7.4 11.0



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

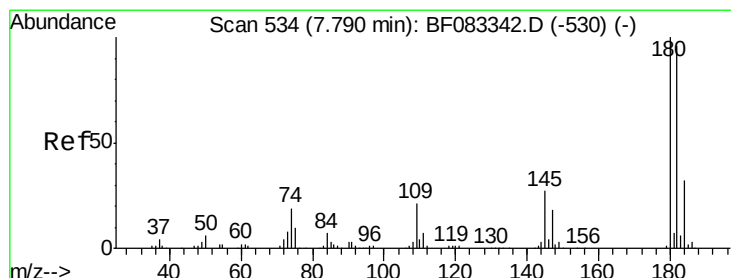
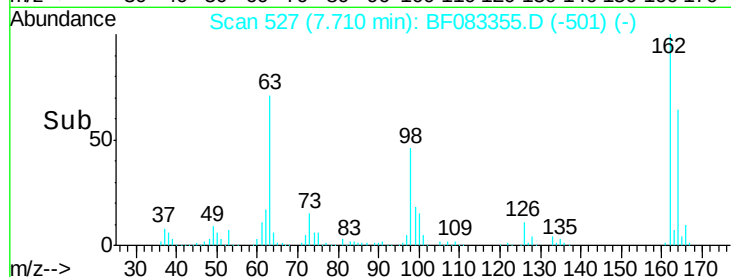
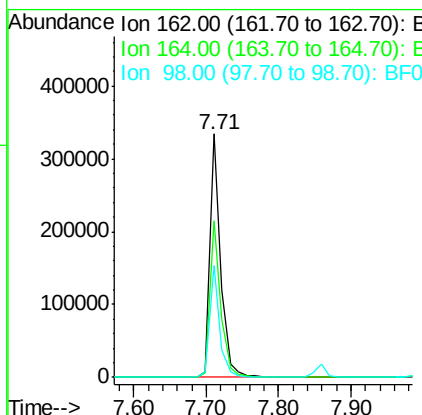
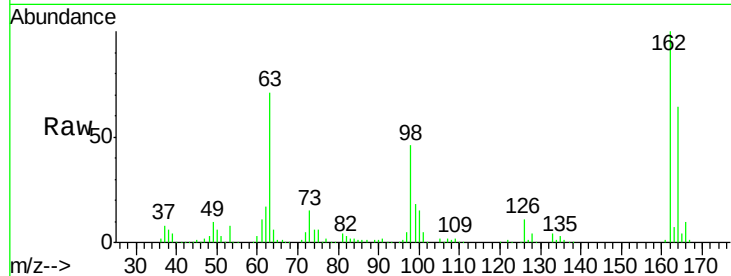




#29
 2,4-Dichlorophenol
 Concen: 33.60 ng
 RT: 7.71 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

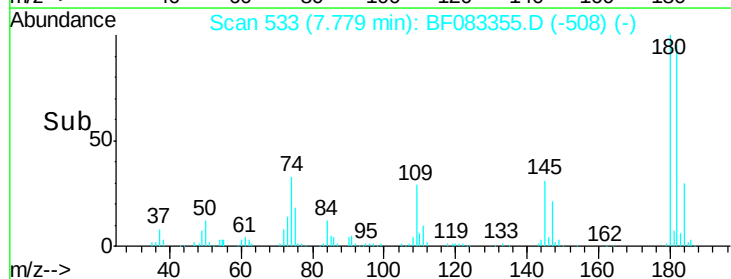
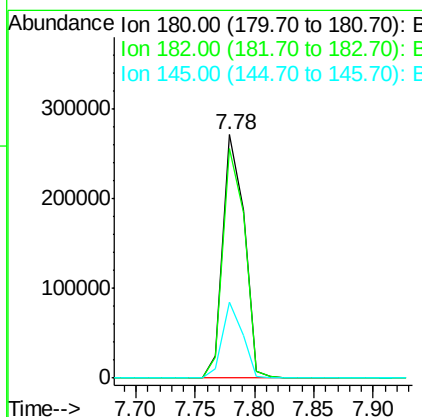
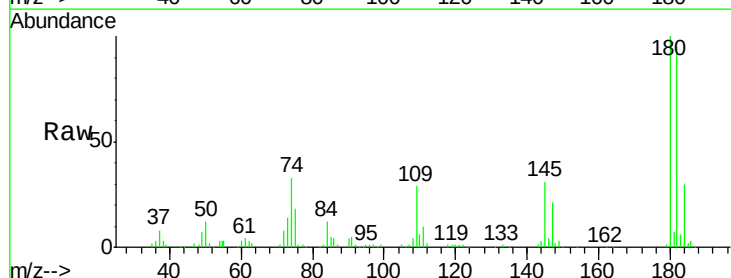
Instrument :
 BNA_F
 ClientSampleId :
 PB86847BSD

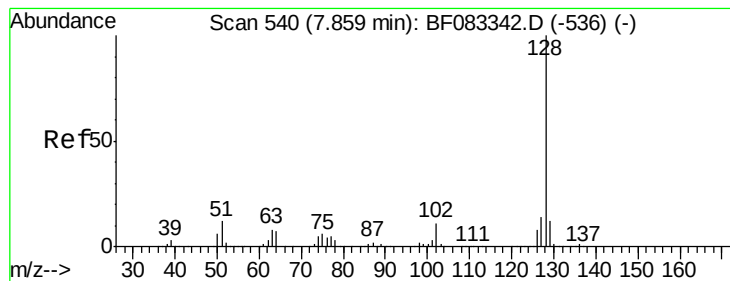
Tgt Ion:162 Resp: 341637
 Ion Ratio Lower Upper
 162 100
 164 64.2 41.9 81.9
 98 45.7 28.1 68.1



#30
 1,2,4-Trichlorobenzene
 Concen: 30.64 ng
 RT: 7.78 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

Tgt Ion:180 Resp: 339044
 Ion Ratio Lower Upper
 180 100
 182 94.5 77.2 115.8
 145 31.3 21.4 32.2





#31

Naphthalene

Concen: 32.60 ng

RT: 7.86 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF083355.D

Acq: 1 Dec 2015 1:42

Instrument :

BNA_F

ClientSampleId :

PB86847BSD

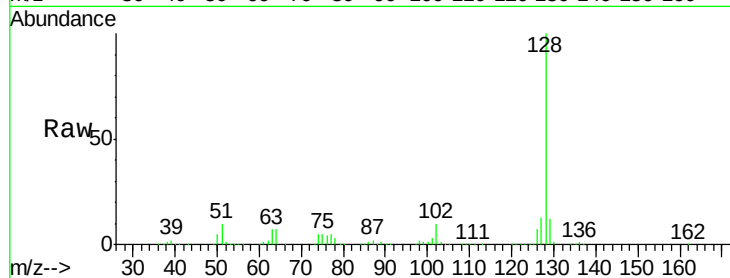
Tgt Ion:128 Resp: 1124849

Ion Ratio Lower Upper

128 100

129 11.5 9.7 14.5

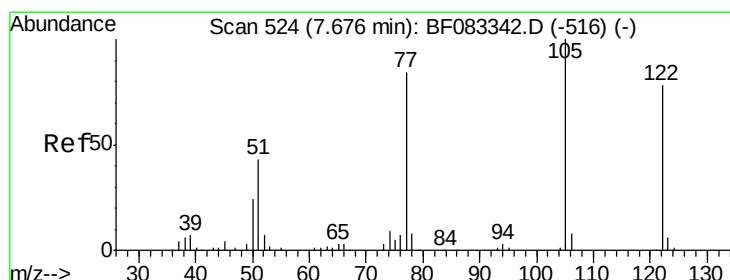
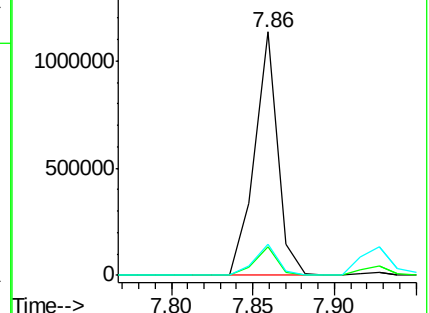
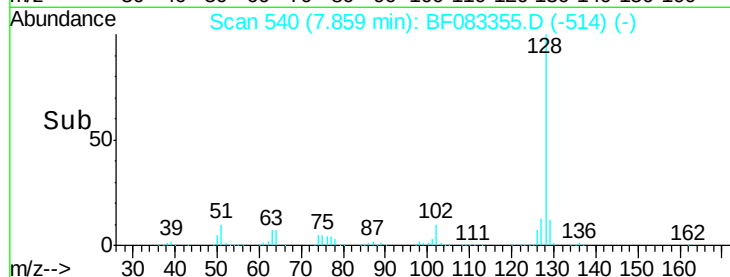
127 13.1 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 30.02 ng

RT: 7.66 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF083355.D

Acq: 1 Dec 2015 1:42

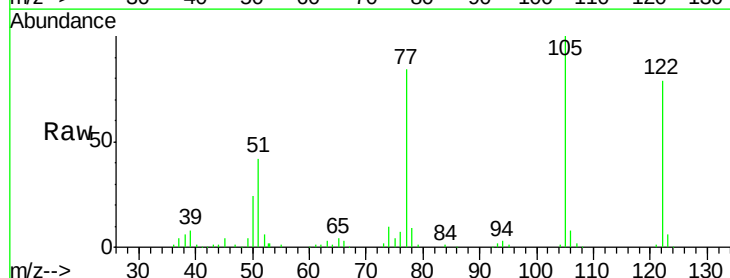
Tgt Ion:122 Resp: 218918

Ion Ratio Lower Upper

122 100

105 126.2 106.0 146.0

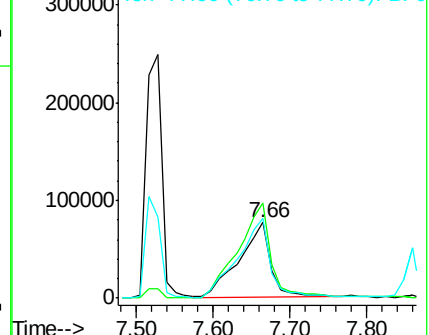
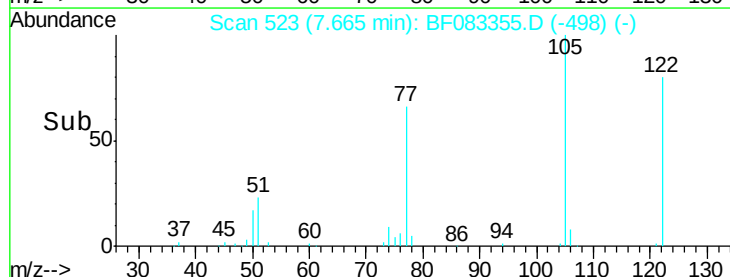
77 105.4 86.3 126.3

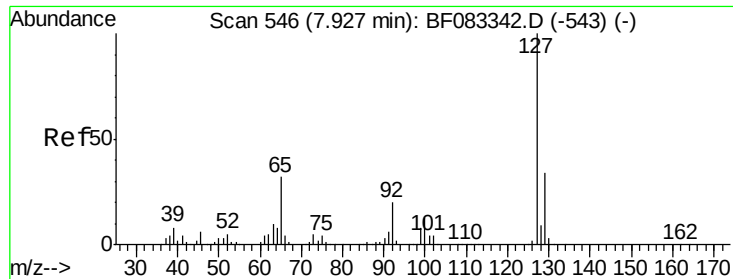


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

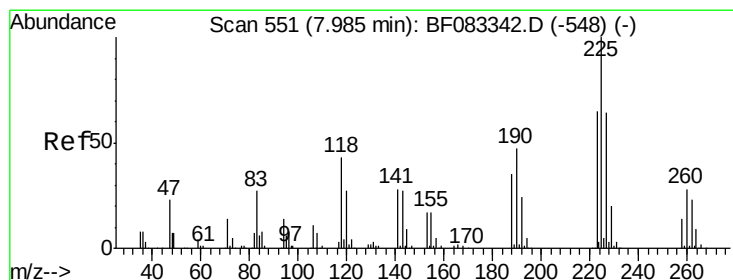
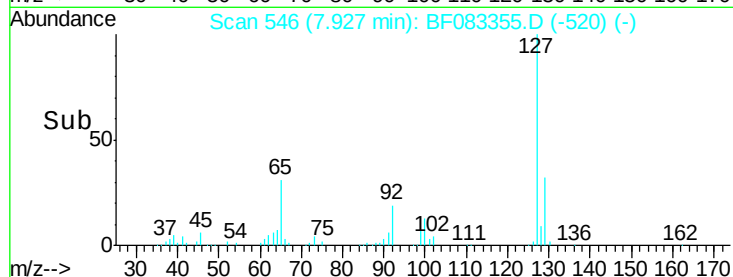
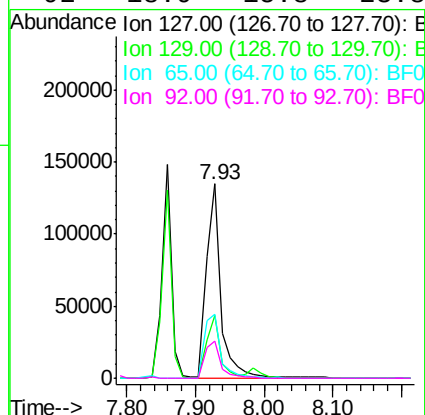
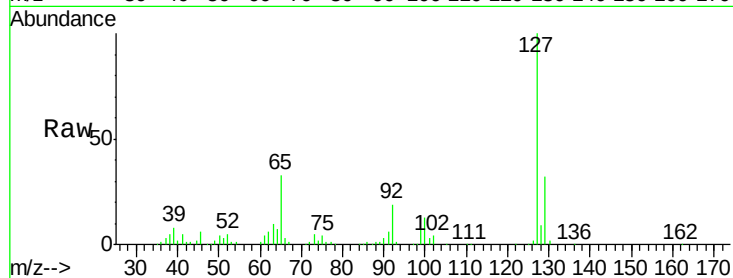




#33
4-Chloroaniline
Concen: 13.23 ng
RT: 7.93 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

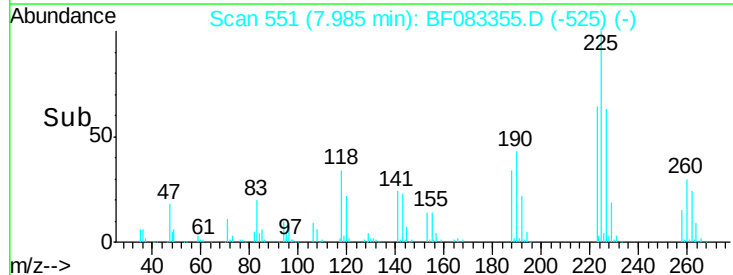
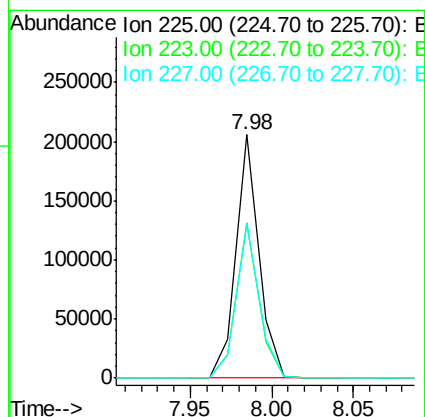
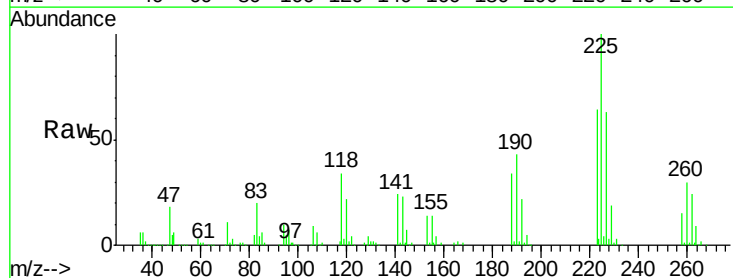
Instrument :
BNA_F
ClientSampleId :
PB86847BSD

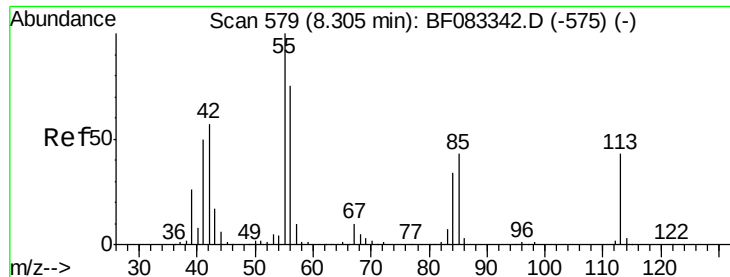
Tgt Ion:	127	Resp:	196854
Ion	Ratio	Lower	Upper
127	100		
129	32.2	27.0	40.4
65	32.8	25.9	38.9
92	18.9	15.8	23.8



#34
Hexachlorobutadiene
Concen: 31.64 ng
RT: 7.98 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion:	225	Resp:	198819
Ion	Ratio	Lower	Upper
225	100		
223	63.9	52.0	78.0
227	63.3	51.1	76.7

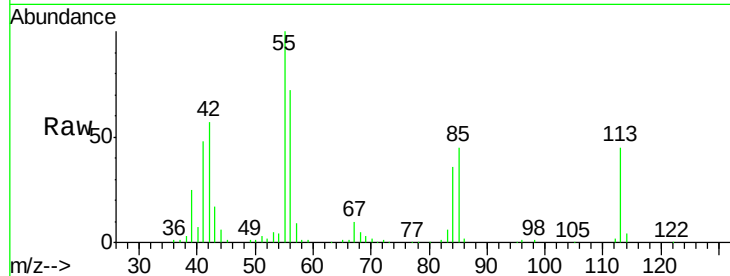




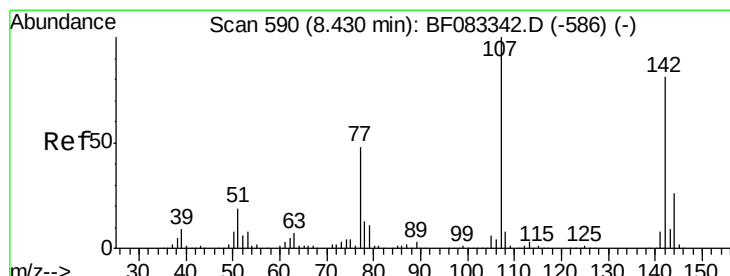
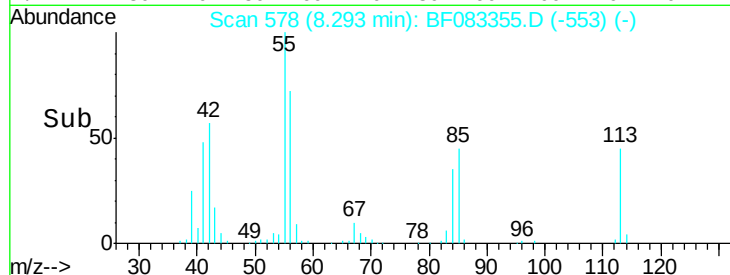
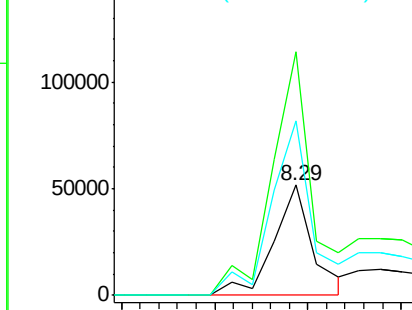
#35
 Caprolactam
 Concen: 23.27 ng
 RT: 8.29 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

Instrument :
 BNA_F
 ClientSampleId :
 PB86847BSD

Tgt Ion:113 Resp: 74769
 Ion Ratio Lower Upper
 113 100
 55 221.4 211.6 251.6
 56 158.9 153.0 193.0

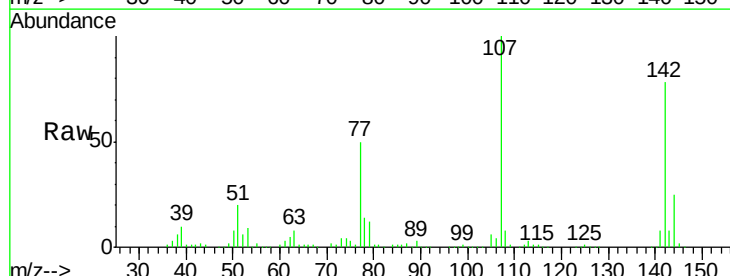


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

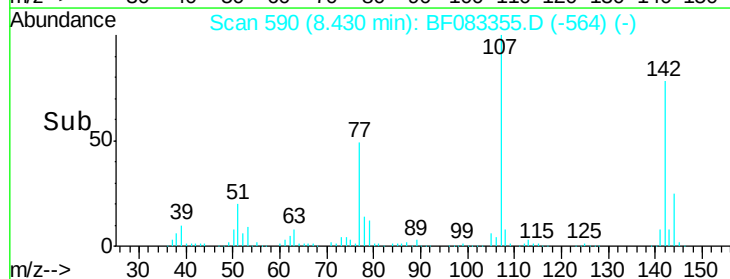
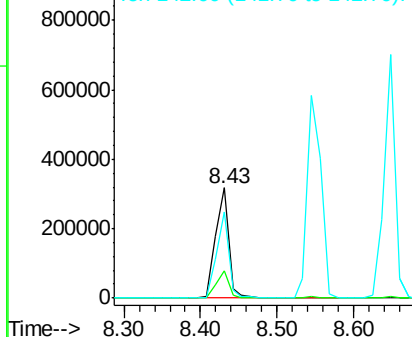


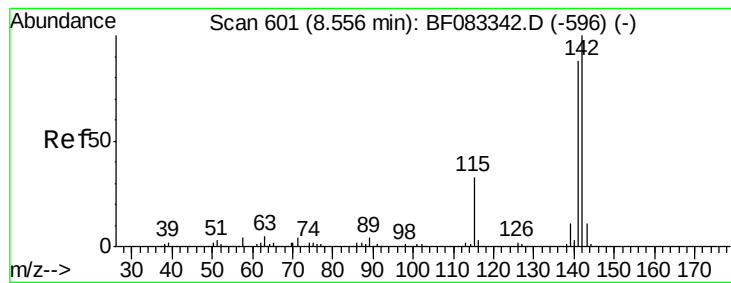
#36
 4-Chloro-3-methylphenol
 Concen: 33.16 ng
 RT: 8.43 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

Tgt Ion:107 Resp: 378226
 Ion Ratio Lower Upper
 107 100
 144 24.8 21.1 31.7
 142 77.7 65.1 97.7



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: 31.35 ng

RT: 8.54 min Scan# 600

Delta R.T. -0.01 min

Lab File: BF083355.D

Acq: 1 Dec 2015 1:42

Instrument :

BNA_F

ClientSampleId :

PB86847BSD

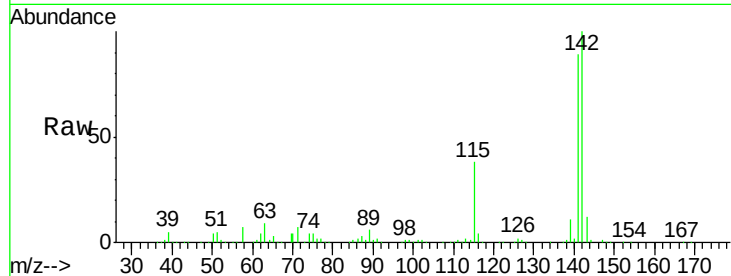
Tgt Ion:142 Resp: 722956

Ion Ratio Lower Upper

142 100

141 89.0 70.6 105.8

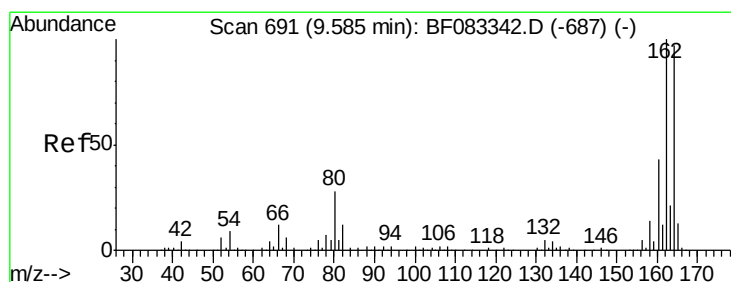
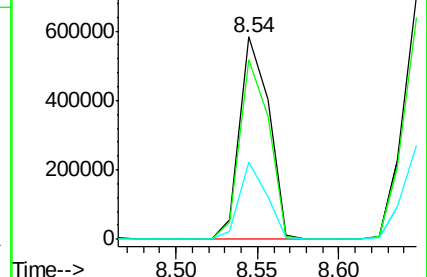
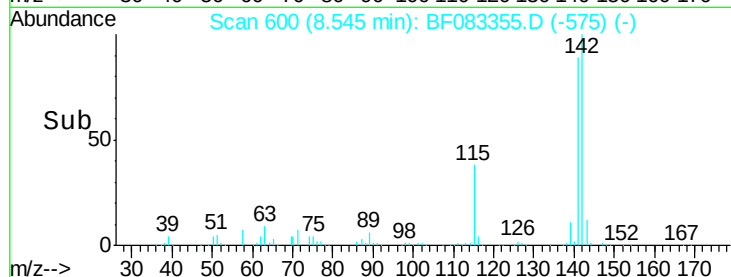
115 37.9 26.2 39.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.58 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF083355.D

Acq: 1 Dec 2015 1:42

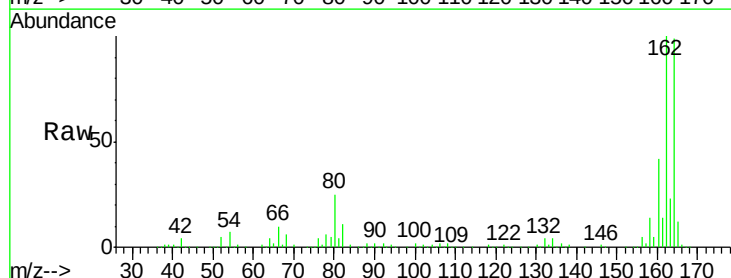
Tgt Ion:164 Resp: 329018

Ion Ratio Lower Upper

164 100

162 101.3 82.6 123.8

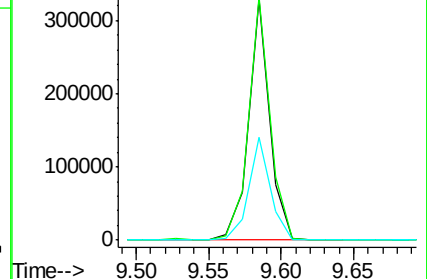
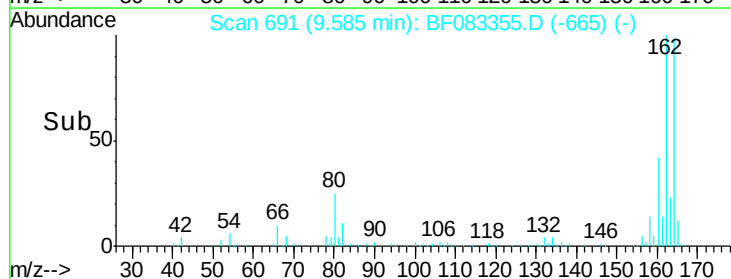
160 43.0 35.3 52.9

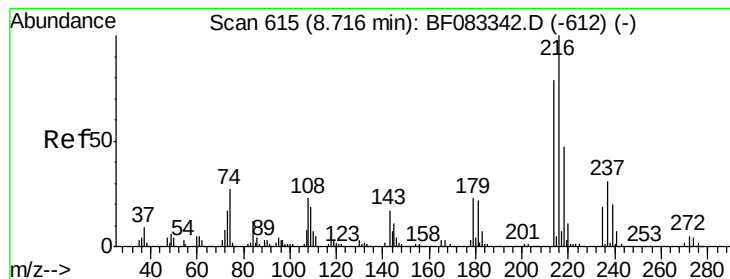


Abundance Ion 164.00 (163.70 to 164.70): E

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: 30.74 ng

RT: 8.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: BF083355.D

Acq: 1 Dec 2015 1:42

Instrument :

BNA_F

ClientSampleId :

PB86847BSD

Tgt Ion:216 Resp: 320564

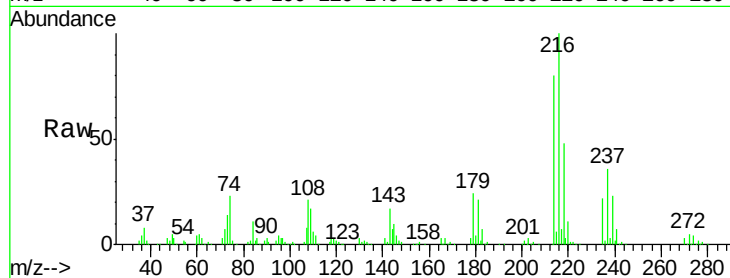
Ion Ratio Lower Upper

216 100

214 79.6 62.3 93.5

179 22.3 17.0 25.4

108 23.4 16.7 25.1

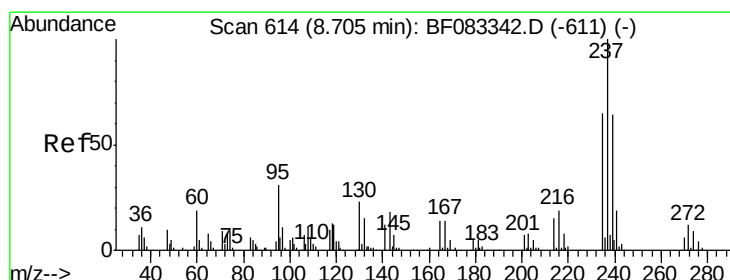
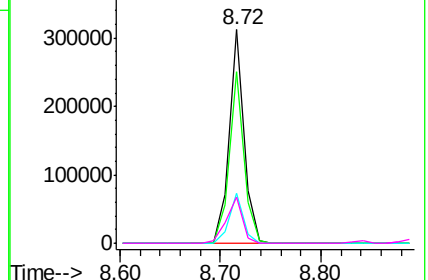
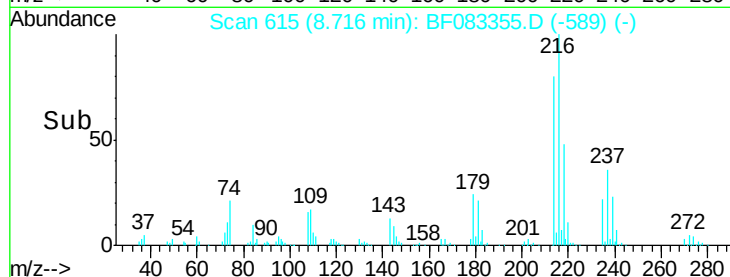


Abundance Ion 216.00 (215.70 to 216.70): E

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: 63.97 ng

RT: 8.70 min Scan# 614

Delta R.T. 0.00 min

Lab File: BF083355.D

Acq: 1 Dec 2015 1:42

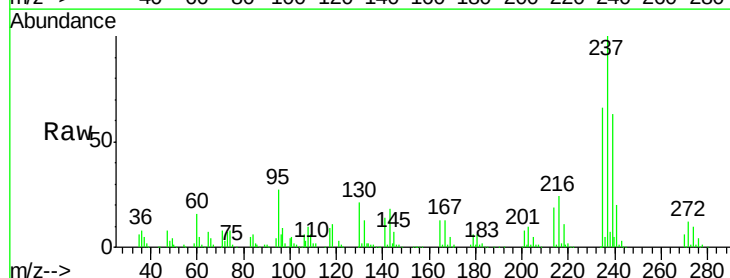
Tgt Ion:237 Resp: 316938

Ion Ratio Lower Upper

237 100

235 65.9 44.5 84.5

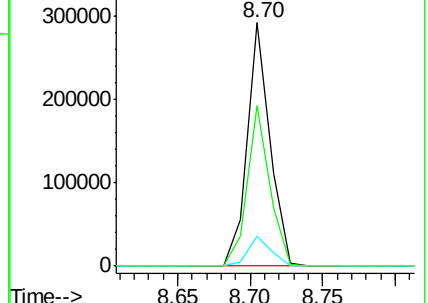
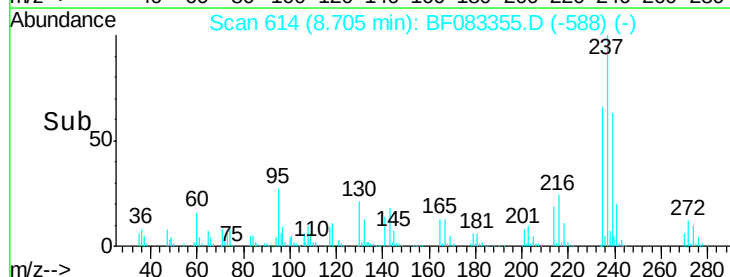
272 12.5 0.0 31.6

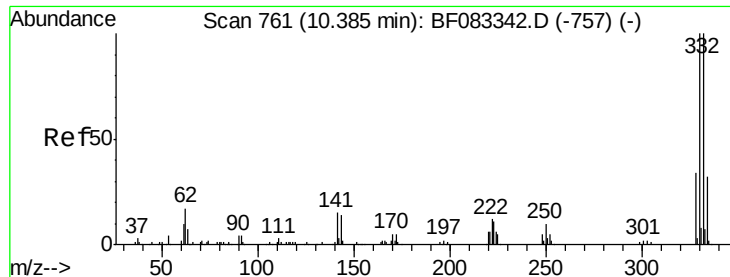


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

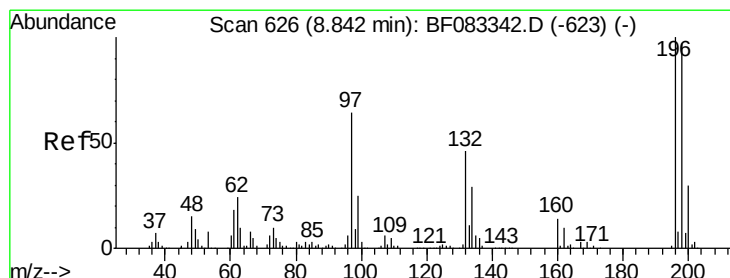
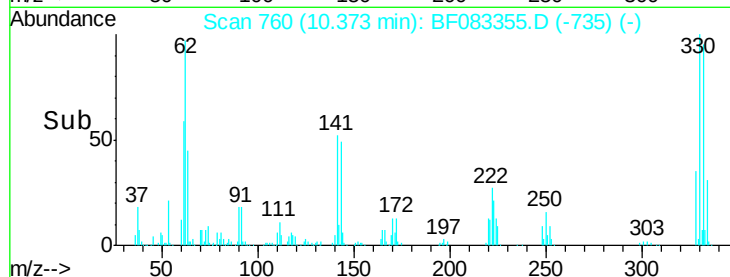
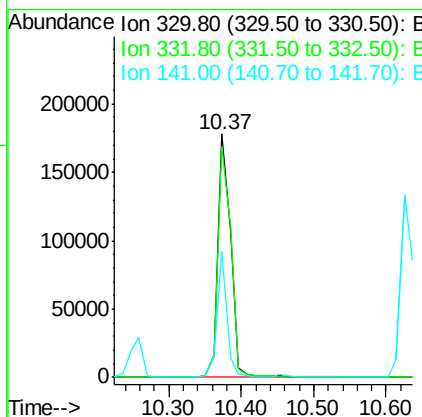
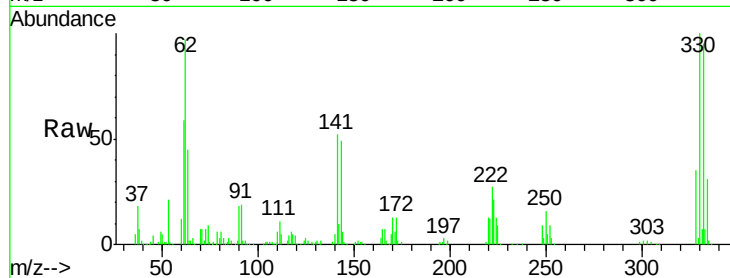




#41
 2,4,6-Tribromophenol
 Concen: 66.07 ng
 RT: 10.37 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

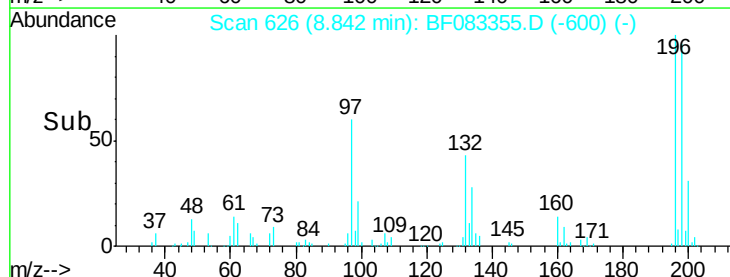
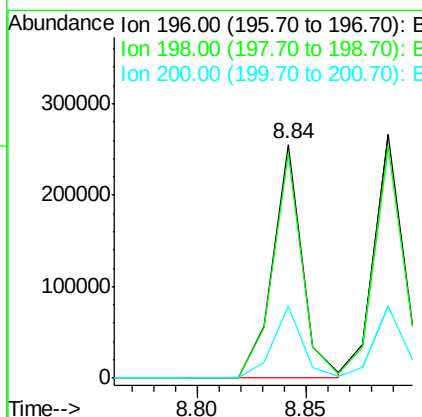
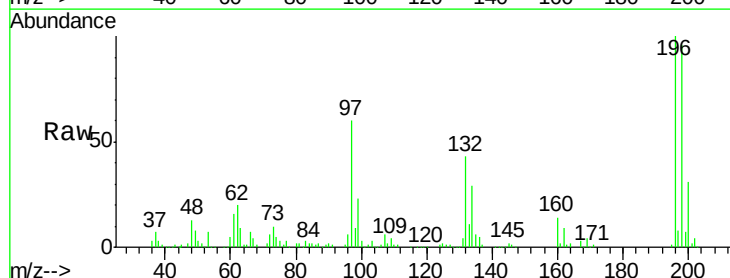
Instrument :
 BNA_F
 ClientSampleId :
 PB86847BSD

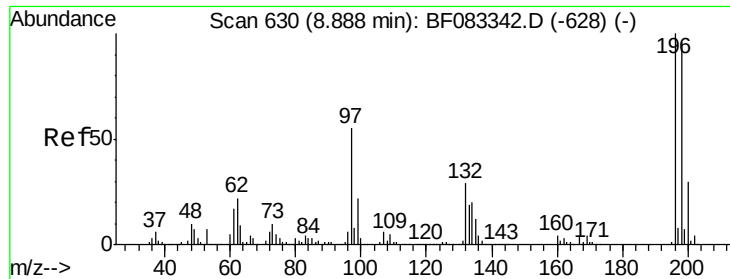
Tgt Ion:330 Resp: 218214
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.8 116.6
 141 40.0 29.4 44.0



#42
 2,4,6-Trichlorophenol
 Concen: 33.08 ng
 RT: 8.84 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

Tgt Ion:196 Resp: 242015
 Ion Ratio Lower Upper
 196 100
 198 95.9 77.2 115.8
 200 30.8 24.2 36.4

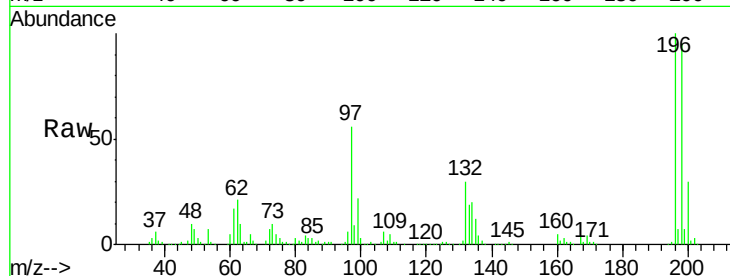




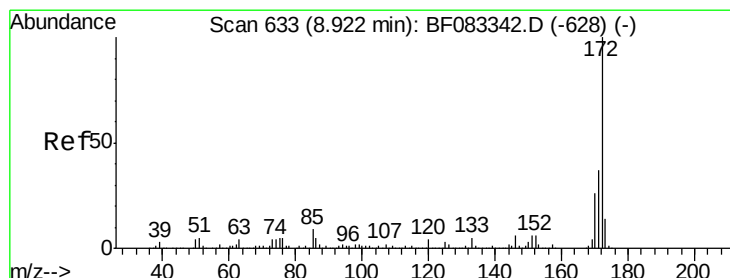
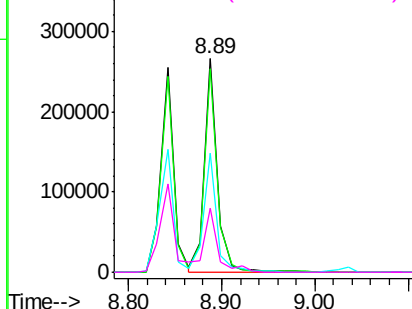
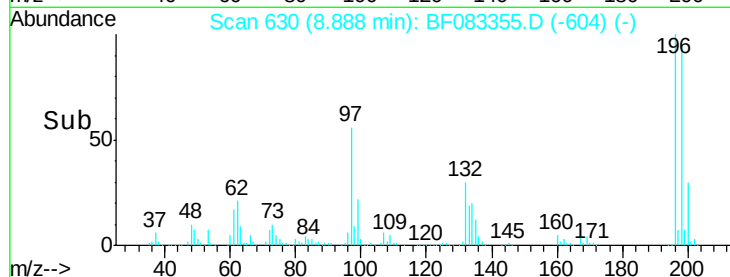
#43
 2,4,5-Trichlorophenol
 Concen: 34.21 ng
 RT: 8.89 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

Instrument :
 BNA_F
 ClientSampleId :
 PB86847BSD

Tgt Ion:196 Resp: 259333
 Ion Ratio Lower Upper
 196 100
 198 95.3 77.2 115.8
 97 55.7 44.4 66.6
 132 30.2 23.2 34.8

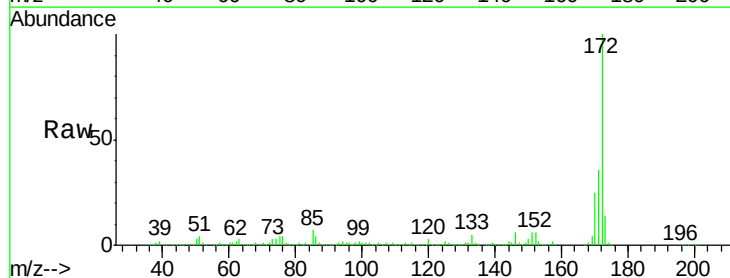


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

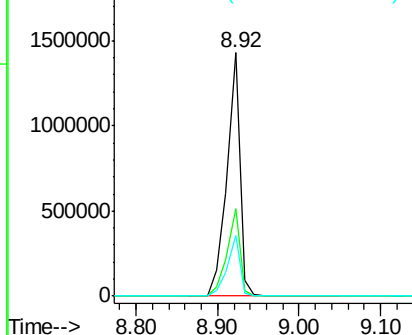
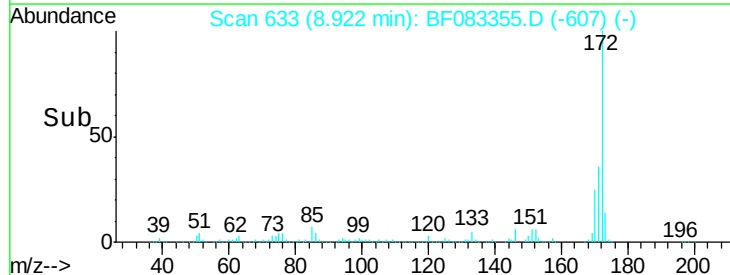


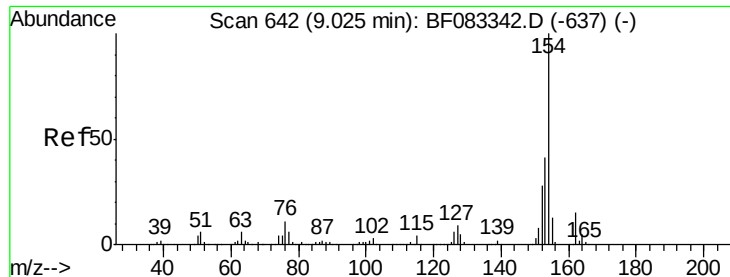
#44
 2-Fluorobiphenyl
 Concen: 68.09 ng
 RT: 8.92 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

Tgt Ion:172 Resp: 1572018
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.4 44.0
 170 25.1 20.4 30.6



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





#45

1,1'-Biphenyl

Concen: 30.27 ng

RT: 9.01 min Scan# 641

Delta R.T. -0.01 min

Lab File: BF083355.D

Acq: 1 Dec 2015 1:42

Instrument :

BNA_F

ClientSampleId :

PB86847BSD

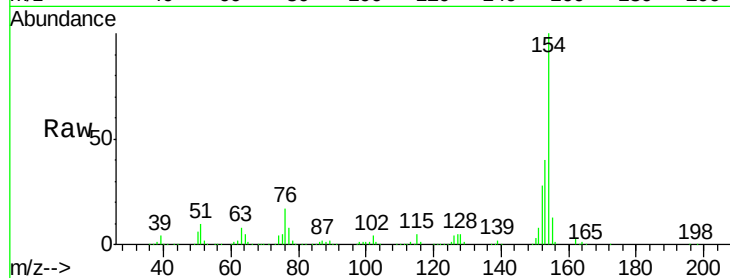
Tgt Ion:154 Resp: 873501

Ion Ratio Lower Upper

154 100

153 40.0 20.6 60.6

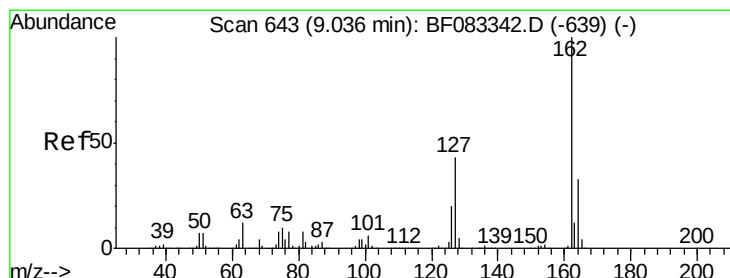
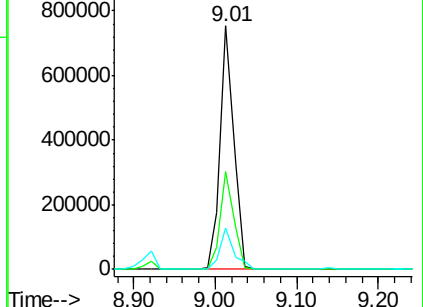
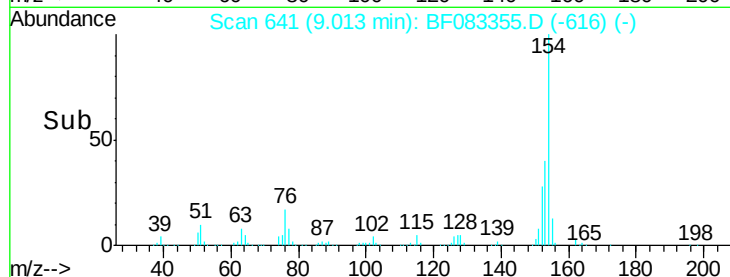
76 17.2 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 33.52 ng

RT: 9.04 min Scan# 643

Delta R.T. 0.00 min

Lab File: BF083355.D

Acq: 1 Dec 2015 1:42

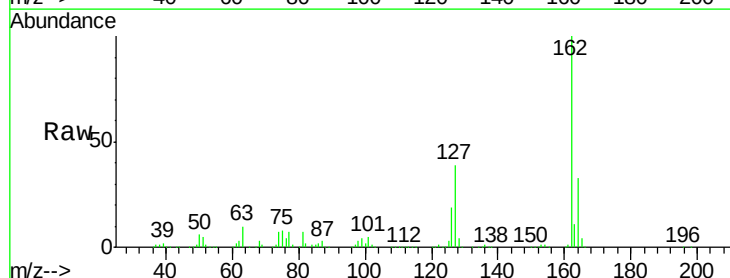
Tgt Ion:162 Resp: 736947

Ion Ratio Lower Upper

162 100

127 38.5 34.1 51.1

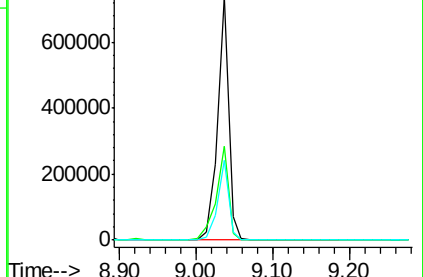
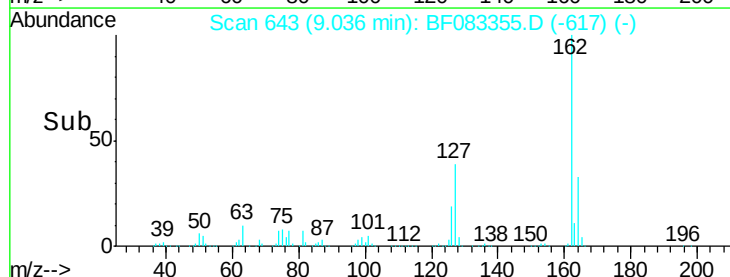
164 33.0 26.6 39.8

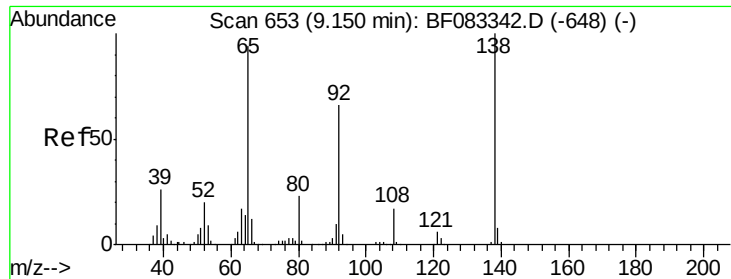


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

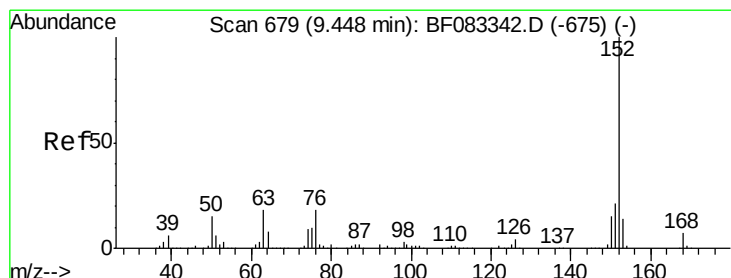
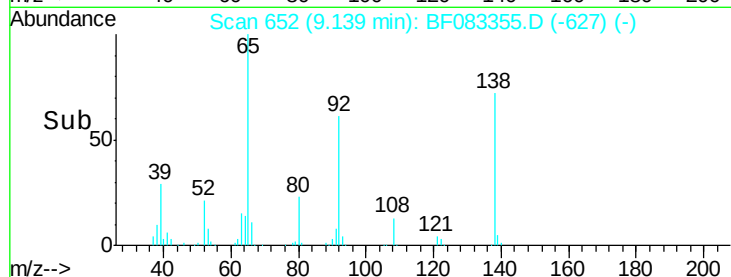
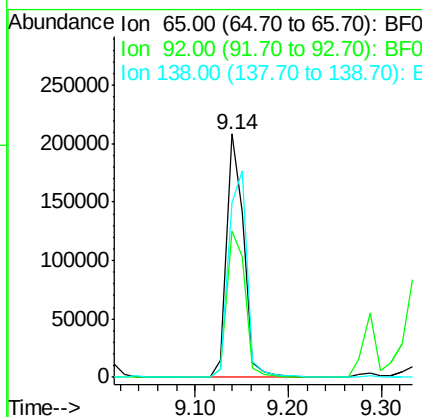
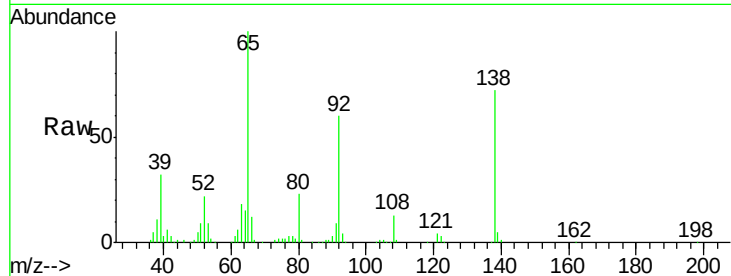




#47
2-Nitroaniline
Concen: 30.63 ng
RT: 9.14 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

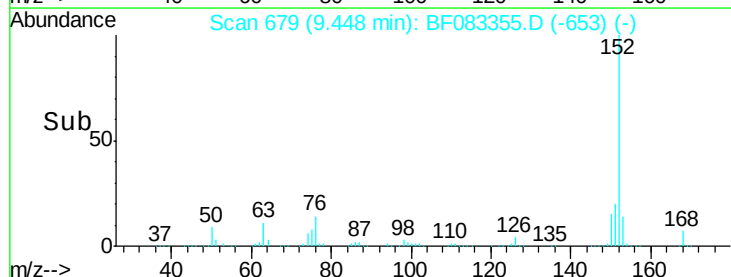
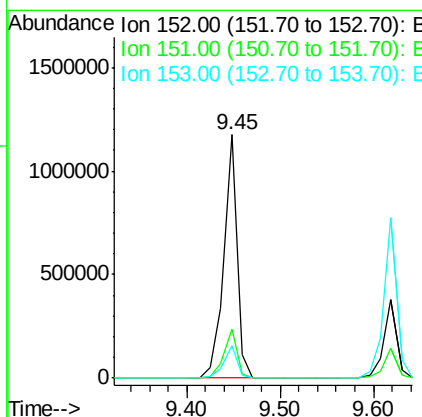
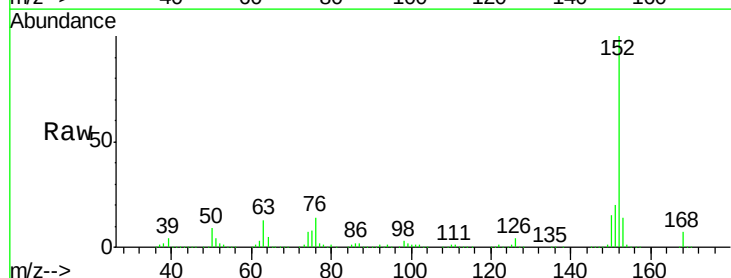
Instrument :
BNA_F
ClientSampleId :
PB86847BSD

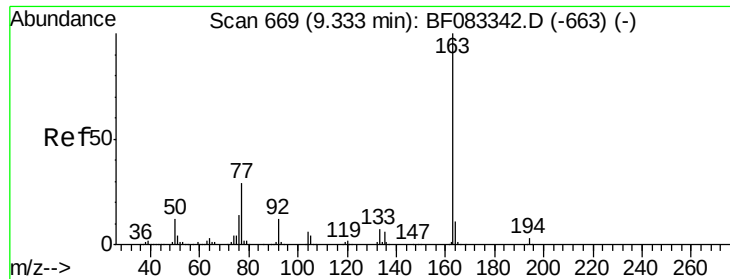
Tgt Ion: 65 Resp: 266716
Ion Ratio Lower Upper
65 100
92 60.2 56.2 84.4
138 71.6 85.4 128.0#



#48
Acenaphthylene
Concen: 33.04 ng
RT: 9.45 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion: 152 Resp: 1158621
Ion Ratio Lower Upper
152 100
151 20.3 16.7 25.1
153 13.6 11.2 16.8

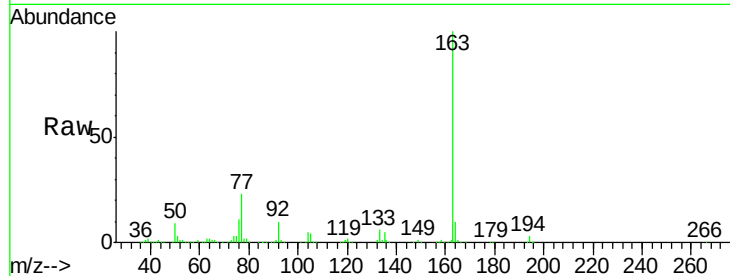




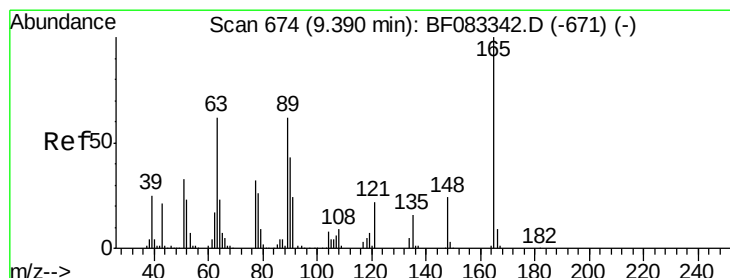
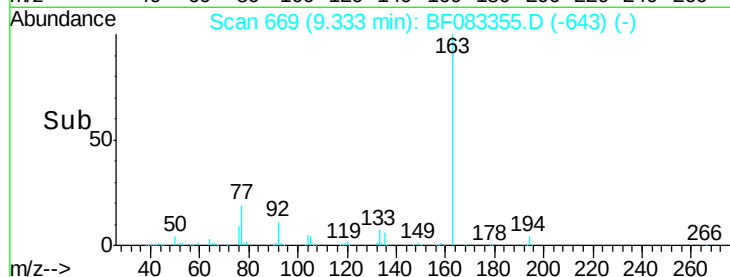
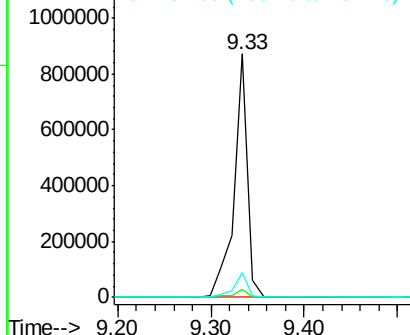
#49
Dimethylphthalate
Concen: 32.61 ng
RT: 9.33 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

Tgt Ion:163 Resp: 871889
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.4 8.8 13.2

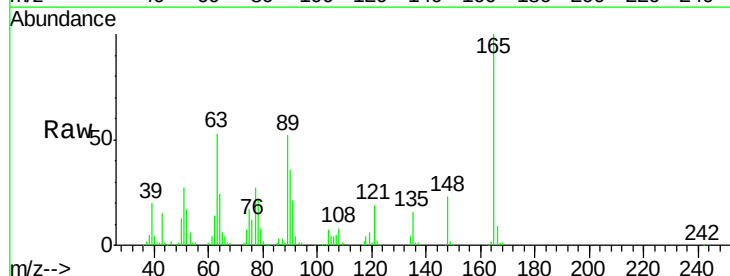


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

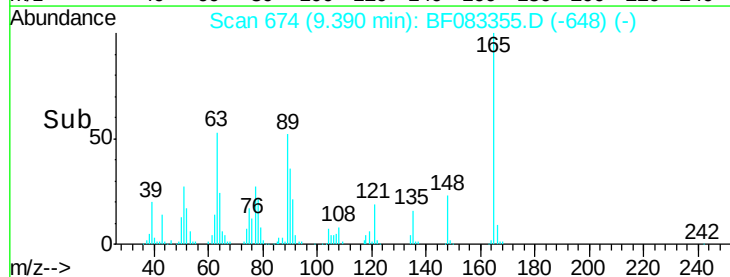
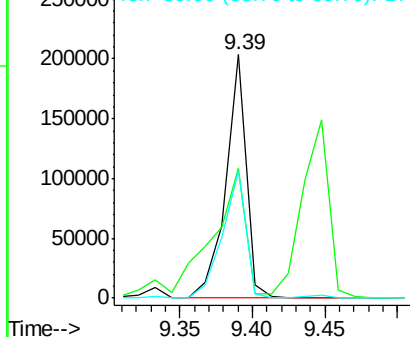


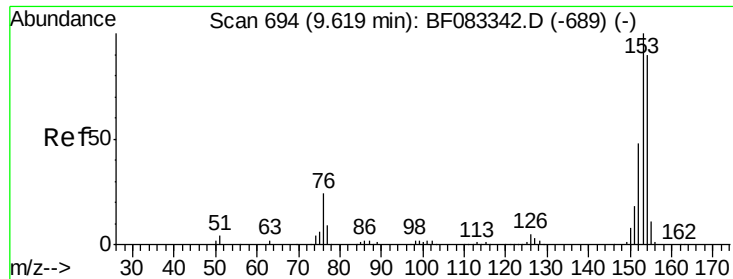
#50
2,6-Dinitrotoluene
Concen: 34.80 ng
RT: 9.39 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion:165 Resp: 198735
Ion Ratio Lower Upper
165 100
63 53.1 56.0 84.0#
89 52.5 49.8 74.8



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: 32.59 ng

RT: 9.62 min Scan# 694

Delta R.T. 0.00 min

Lab File: BF083355.D

Acq: 1 Dec 2015 1:42

Instrument :

BNA_F

ClientSampleId :

PB86847BSD

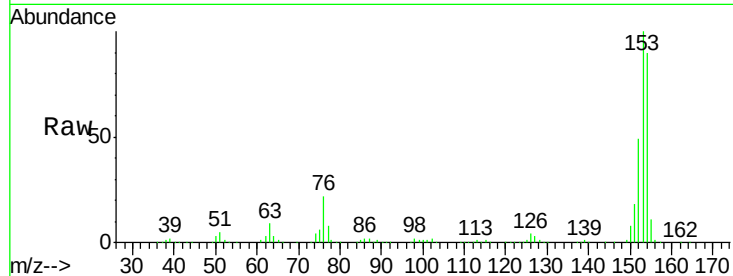
Tgt Ion:154 Resp: 672370

Ion Ratio Lower Upper

154 100

153 111.4 89.3 133.9

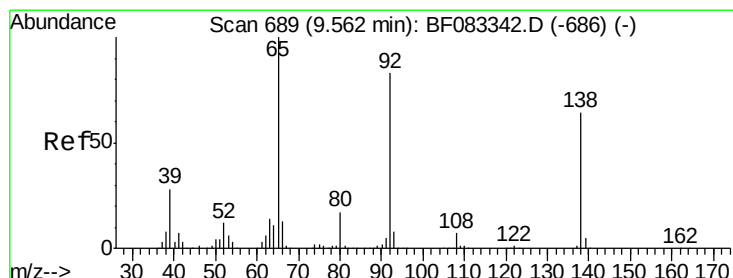
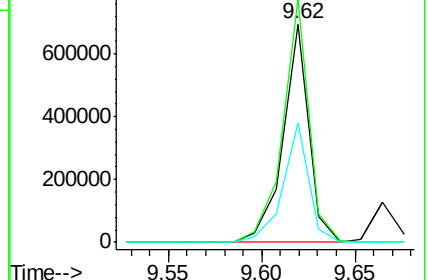
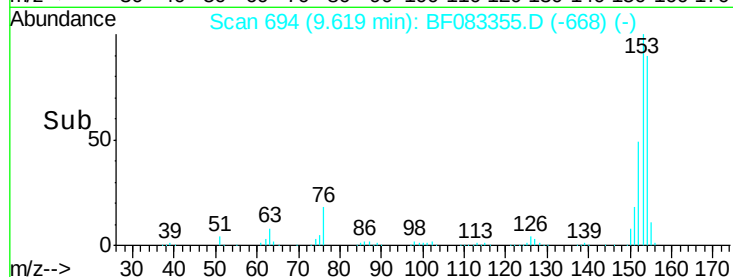
152 54.5 42.5 63.7



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: 15.79 ng

RT: 9.55 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF083355.D

Acq: 1 Dec 2015 1:42

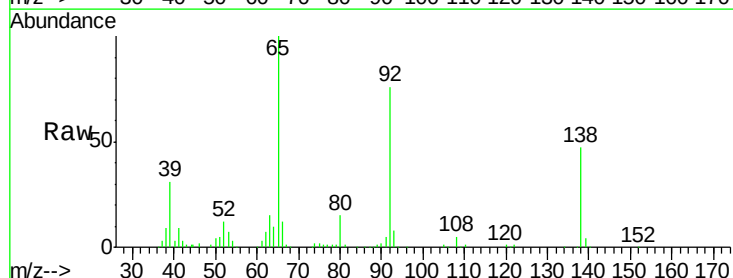
Tgt Ion:138 Resp: 105670

Ion Ratio Lower Upper

138 100

108 11.2 8.4 12.6

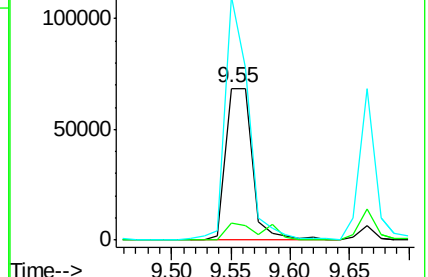
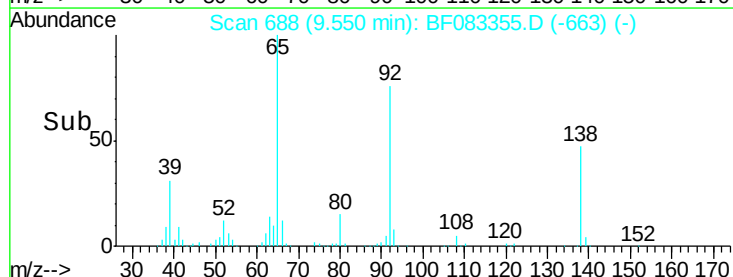
92 160.5 104.2 156.4#

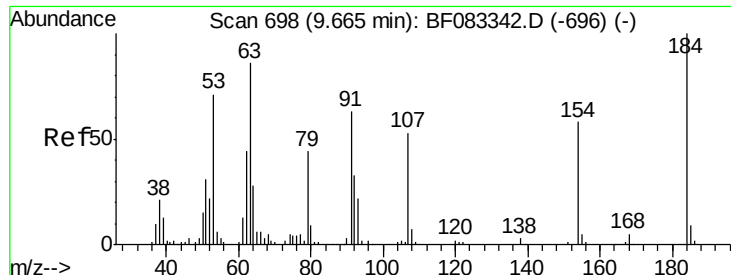


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

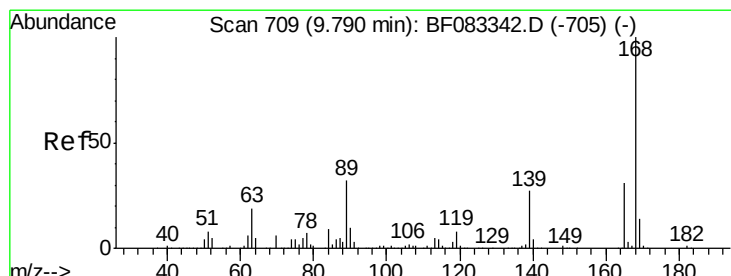
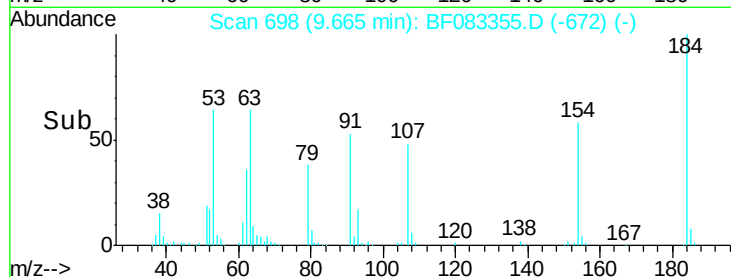
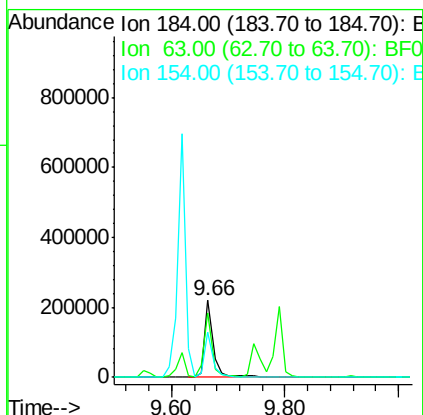
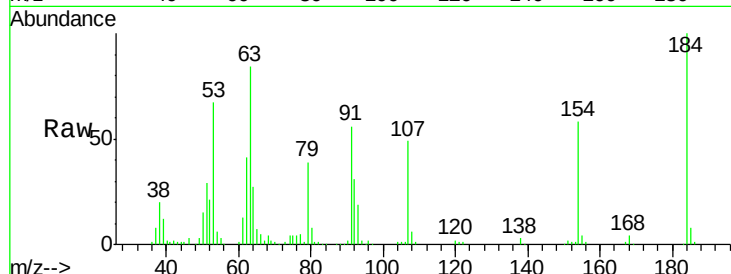




#53
 2,4-Dinitrophenol
 Concen: 65.49 ng
 RT: 9.66 min Scan# 698
 Delta R.T. 0.00 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

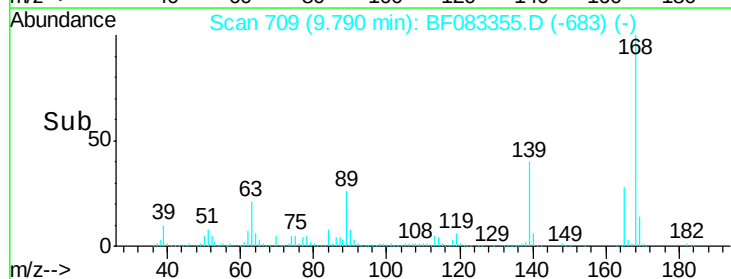
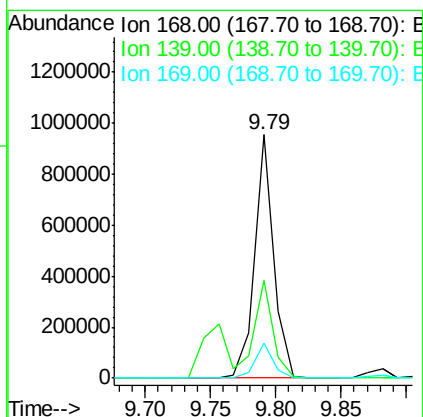
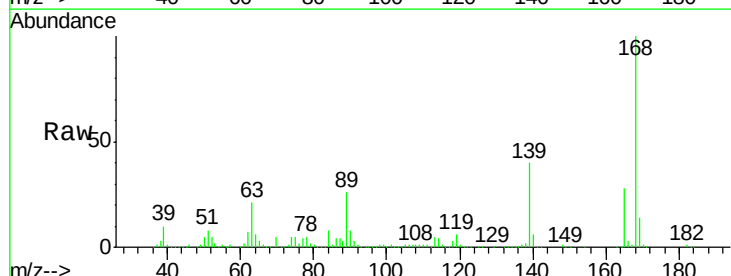
Instrument :
 BNA_F
 ClientSampleId :
 PB86847BSD

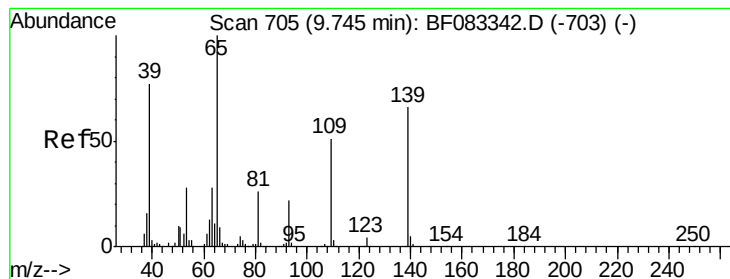
Tgt Ion:184 Resp: 224416
 Ion Ratio Lower Upper
 184 100
 63 83.5 69.0 103.6
 154 58.2 50.0 75.0



#54
 Dibenzofuran
 Concen: 32.19 ng
 RT: 9.79 min Scan# 709
 Delta R.T. 0.00 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

Tgt Ion:168 Resp: 973212
 Ion Ratio Lower Upper
 168 100
 139 40.1 32.7 49.1
 169 14.1 11.1 16.7





#55

4-Nitrophenol

Concen: 66.24 ng

RT: 9.76 min Scan# 706

Delta R.T. 0.01 min

Lab File: BF083355.D

Acq: 1 Dec 2015 1:42

Instrument :

BNA_F

ClientSampleId :

PB86847BSD

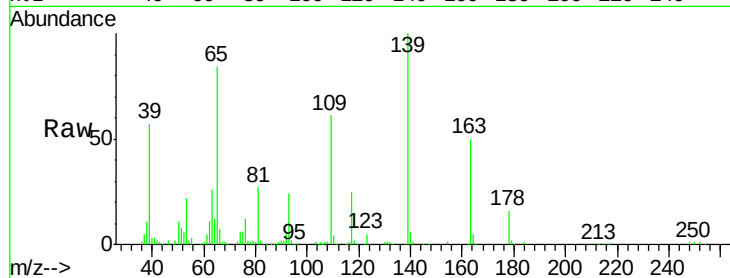
Tgt Ion:139 Resp: 277290

Ion Ratio Lower Upper

139 100

109 61.1 57.4 97.4

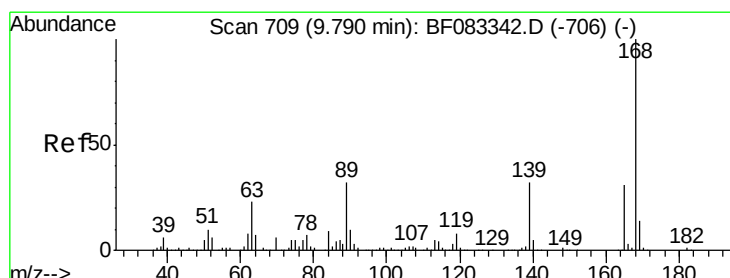
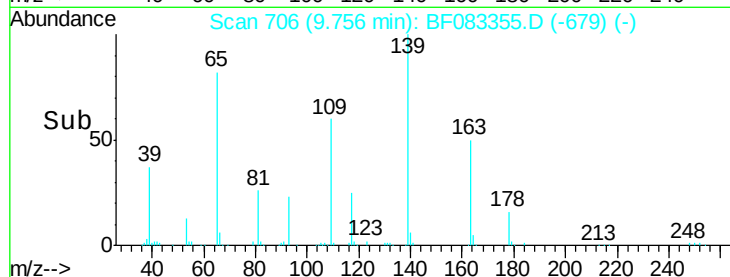
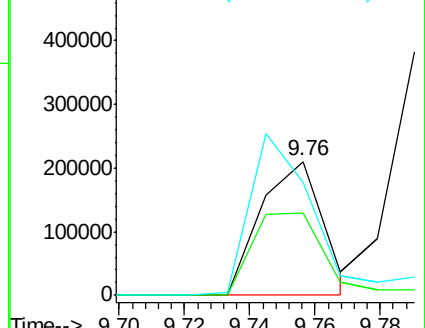
65 84.3 131.6 171.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 34.24 ng

RT: 9.79 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF083355.D

Acq: 1 Dec 2015 1:42

Tgt Ion:165 Resp: 248073

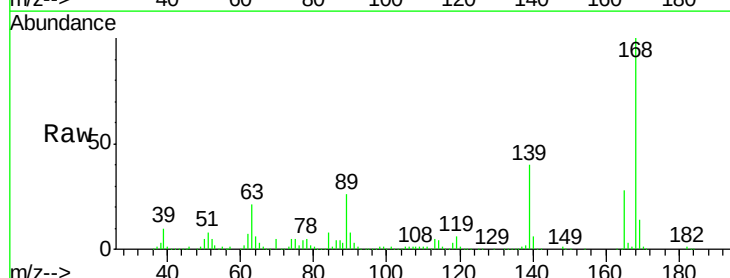
Ion Ratio Lower Upper

165 100

63 75.4 65.4 98.0

89 91.6 81.2 121.8

182 1.9 1.8 2.8

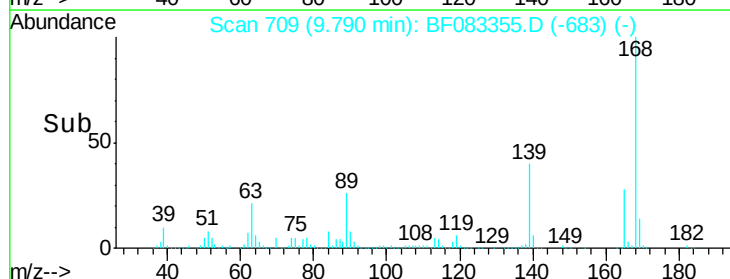
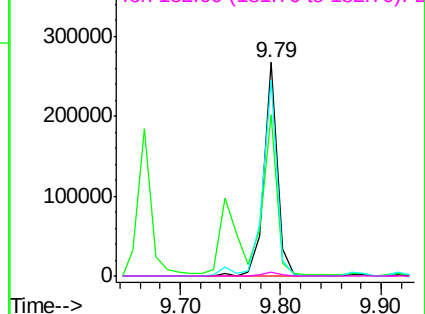


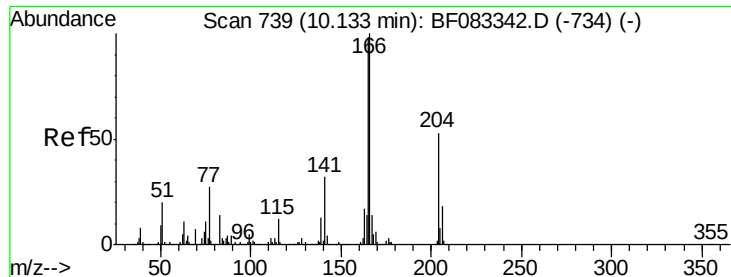
Abundance Ion 165.00 (164.70 to 165.70): E

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

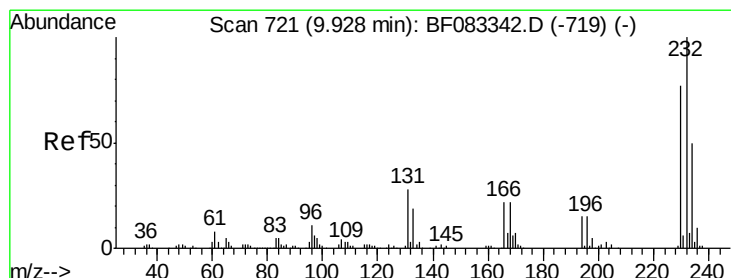
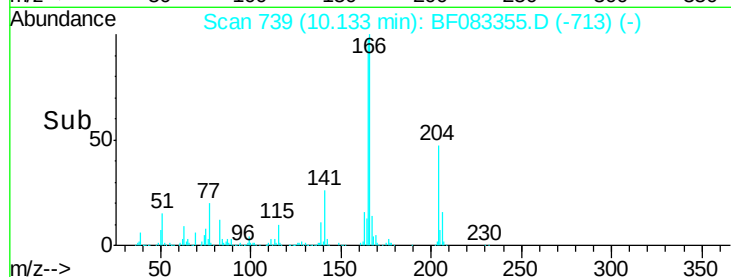
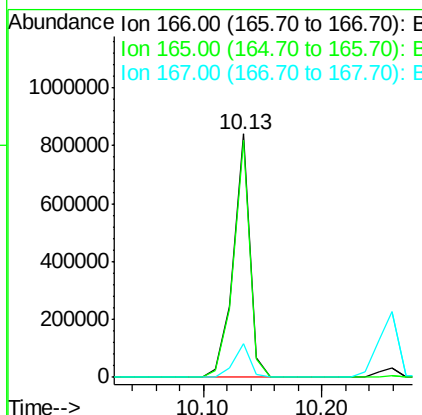
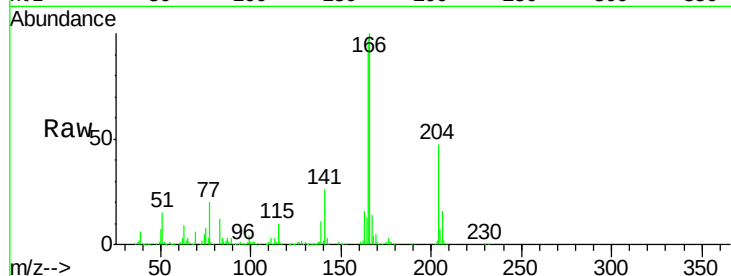




#57
 Fluorene
 Concen: 34.14 ng
 RT: 10.13 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

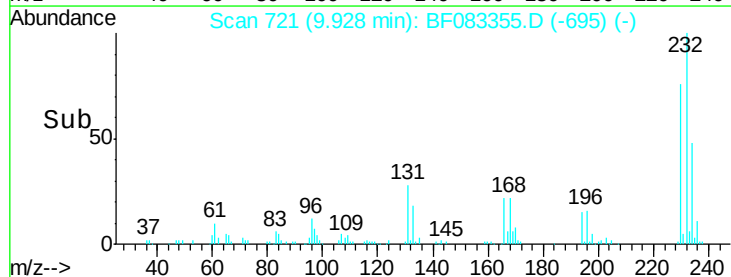
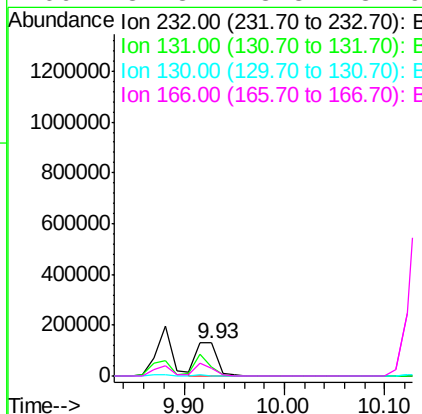
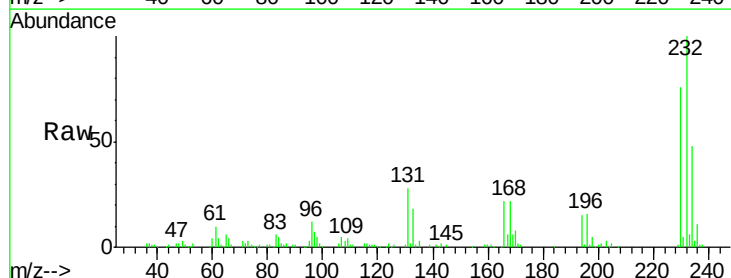
Instrument :
 BNA_F
 ClientSampleId :
 PB86847BSD

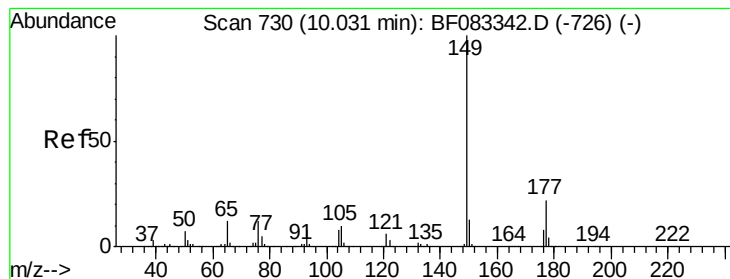
Tgt Ion:166 Resp: 815056
 Ion Ratio Lower Upper
 166 100
 165 97.6 78.3 117.5
 167 13.7 11.1 16.7



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 31.58 ng
 RT: 9.93 min Scan# 721
 Delta R.T. 0.00 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

Tgt Ion:232 Resp: 193144
 Ion Ratio Lower Upper
 232 100
 131 49.2 35.4 53.2
 130 2.2 1.7 2.5
 166 31.3 23.3 34.9





#59

Diethylphthalate

Concen: 33.10 ng

RT: 10.03 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF083355.D

Acq: 1 Dec 2015 1:42

Instrument :

BNA_F

ClientSampleId :

PB86847BSD

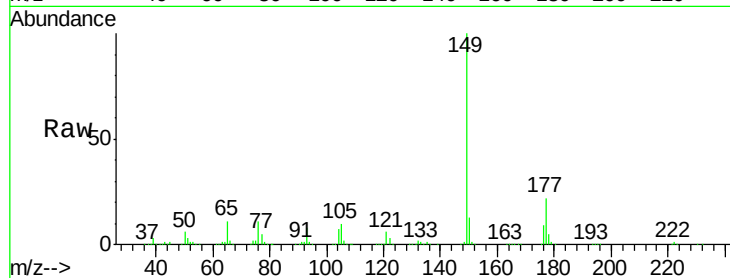
Tgt Ion:149 Resp: 843650

Ion Ratio Lower Upper

149 100

177 22.4 17.4 26.2

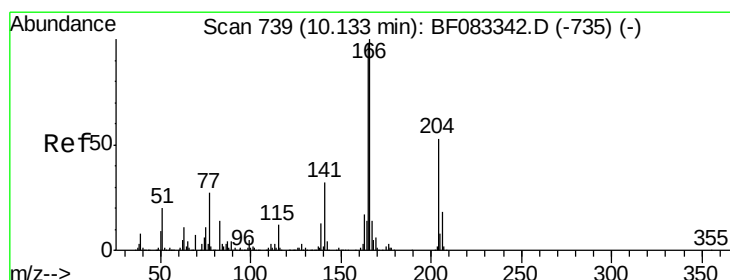
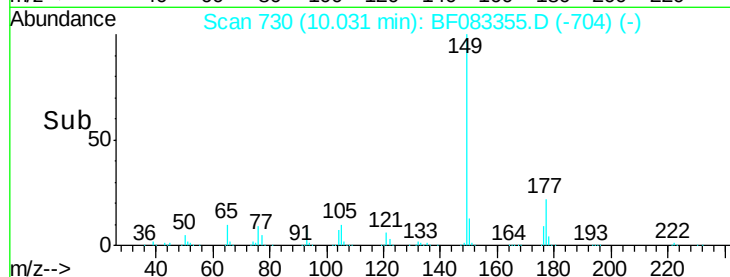
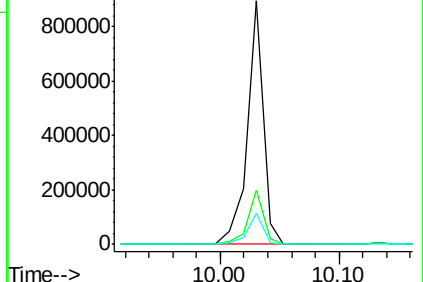
150 12.7 10.4 15.6



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: 34.07 ng

RT: 10.13 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF083355.D

Acq: 1 Dec 2015 1:42

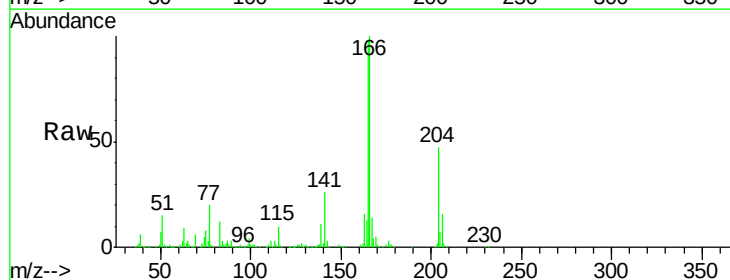
Tgt Ion:204 Resp: 373708

Ion Ratio Lower Upper

204 100

206 34.7 27.5 41.3

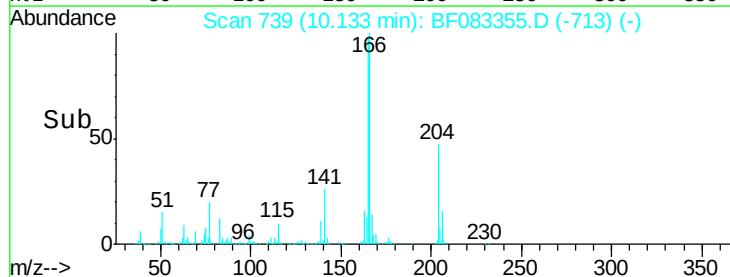
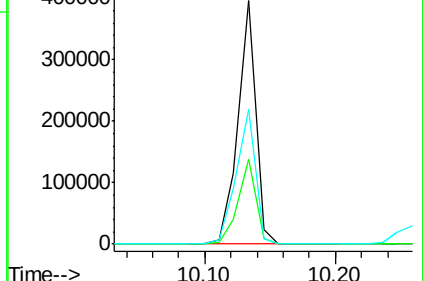
141 55.4 48.1 72.1

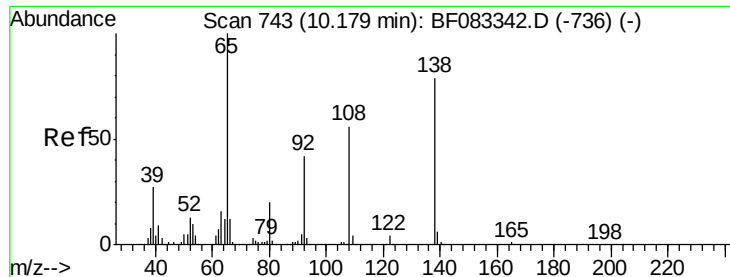


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

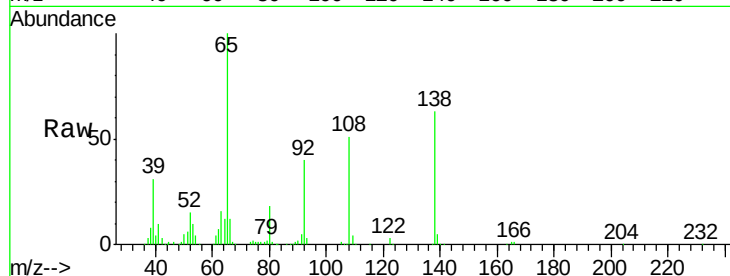




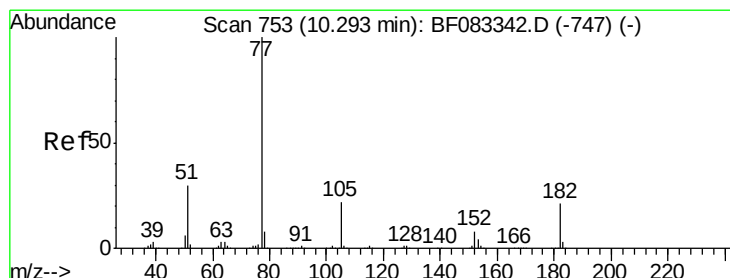
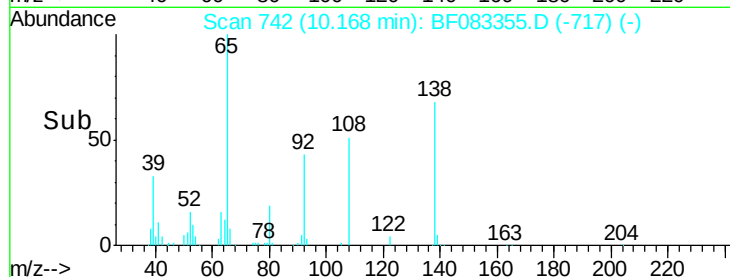
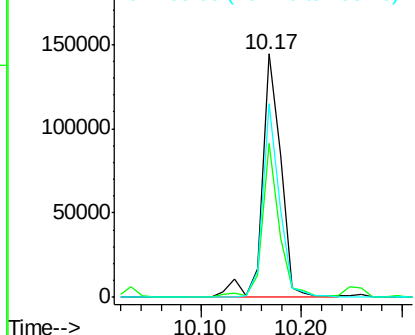
#61
4-Nitroaniline
Concen: 27.93 ng
RT: 10.17 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Instrument :
BNA_F
ClientSampleId :
PB86847BSD

Tgt Ion:138 Resp: 187031
Ion Ratio Lower Upper
138 100
92 63.1 33.6 73.6
108 79.7 51.0 91.0

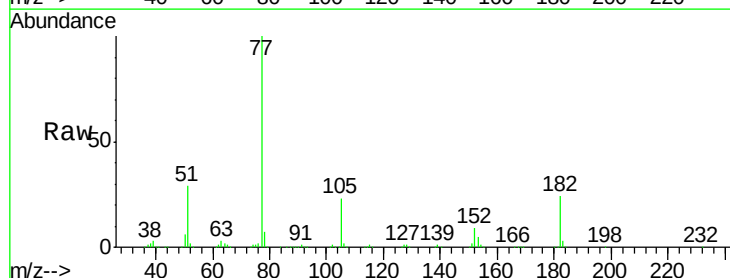


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

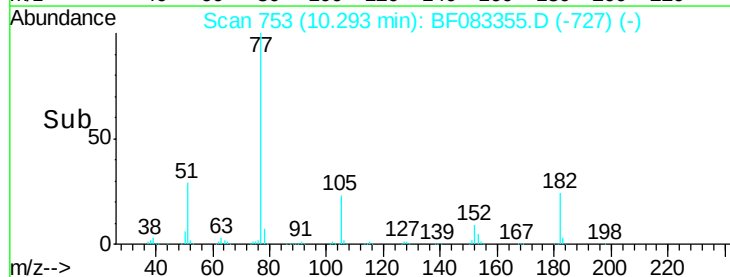
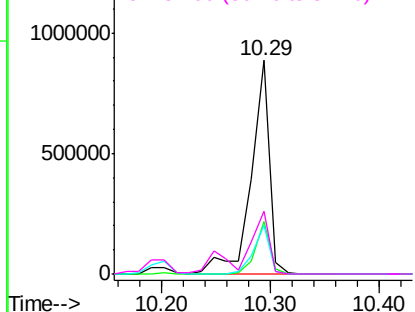


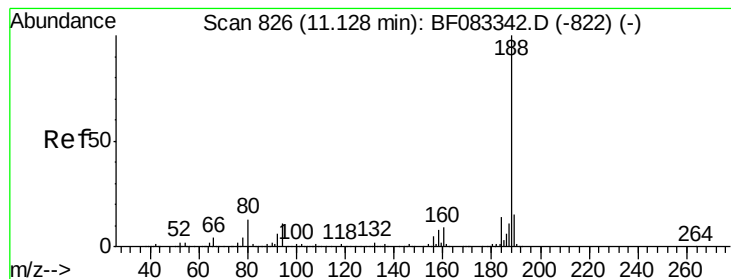
#62
Azobenzene
Concen: 33.68 ng
RT: 10.29 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion: 77 Resp: 1036884
Ion Ratio Lower Upper
77 100
182 24.3 0.8 40.8
105 23.0 2.3 42.3
51 29.3 10.6 50.6



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.13 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF083355.D

Acq: 1 Dec 2015 1:42

Instrument :

BNA_F

ClientSampleId :

PB86847BSD

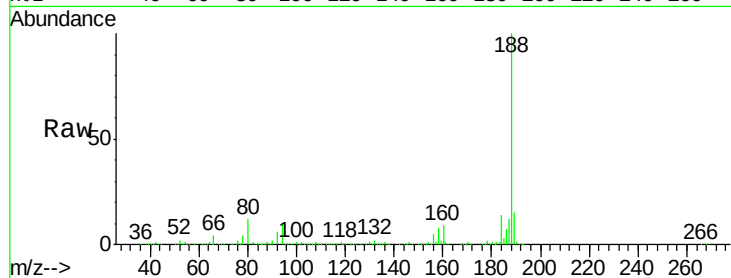
Tgt Ion:188 Resp: 634282

Ion Ratio Lower Upper

188 100

94 10.3 8.7 13.1

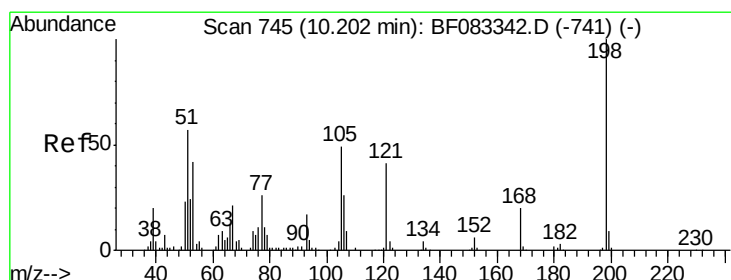
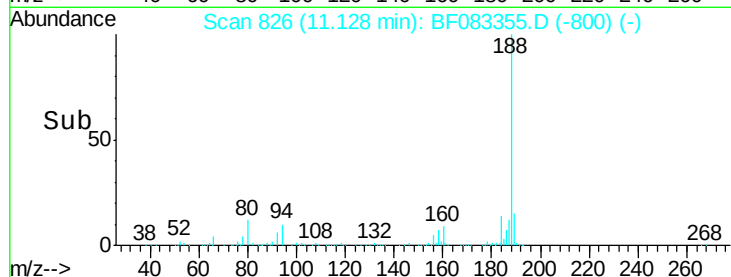
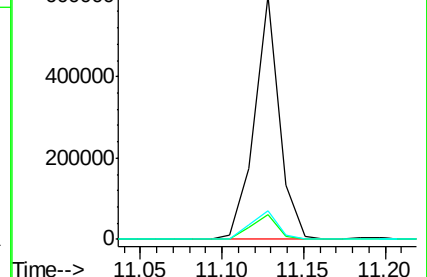
80 11.8 10.3 15.5



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: 35.56 ng

RT: 10.20 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF083355.D

Acq: 1 Dec 2015 1:42

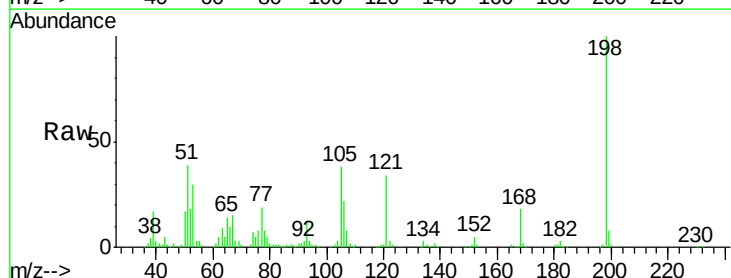
Tgt Ion:198 Resp: 151439

Ion Ratio Lower Upper

198 100

51 38.7 38.3 78.3

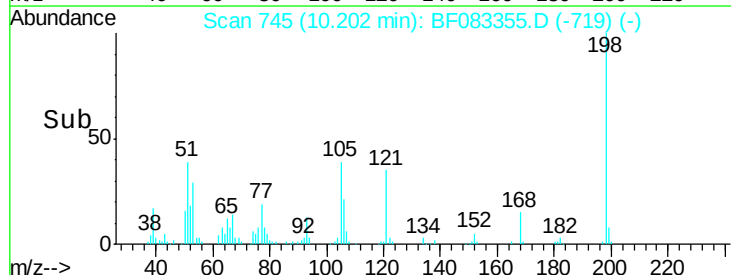
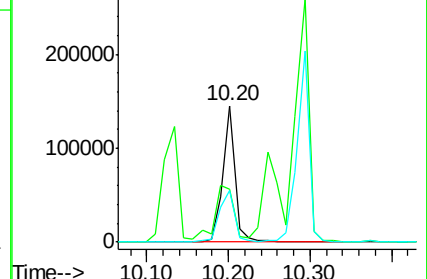
105 38.3 29.2 69.2

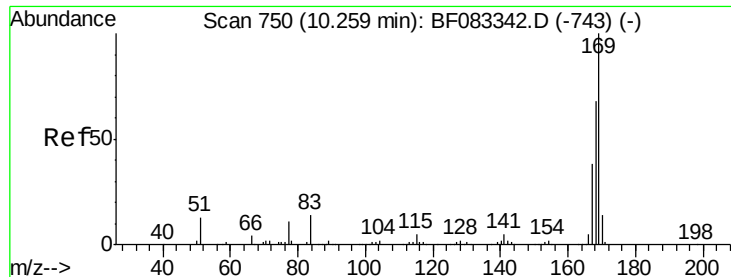


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 32.26 ng

RT: 10.26 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF083355.D

Acq: 1 Dec 2015 1:42

Instrument :

BNA_F

ClientSampleId :

PB86847BSD

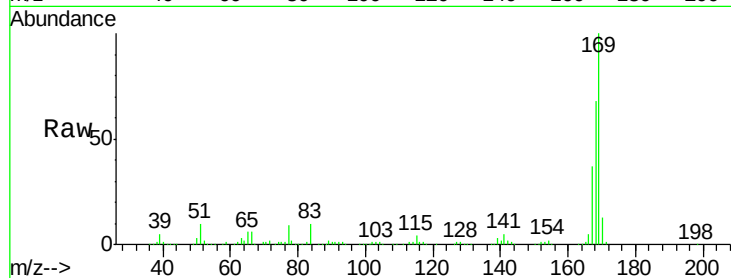
Tgt Ion:169 Resp: 718967

Ion Ratio Lower Upper

169 100

168 68.2 54.8 82.2

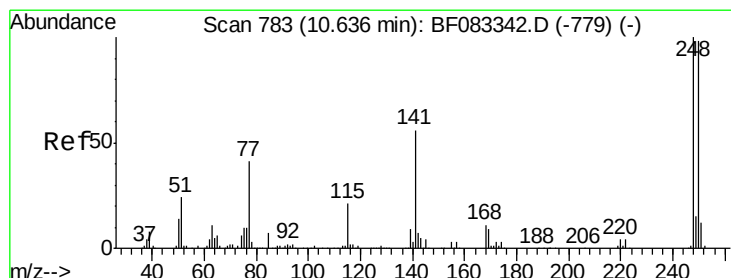
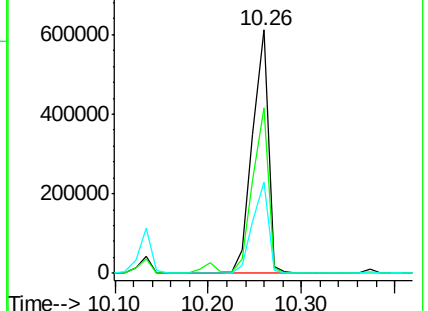
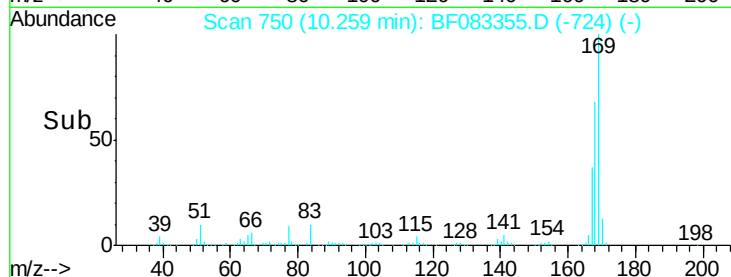
167 37.4 30.2 45.2



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: 32.55 ng

RT: 10.64 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF083355.D

Acq: 1 Dec 2015 1:42

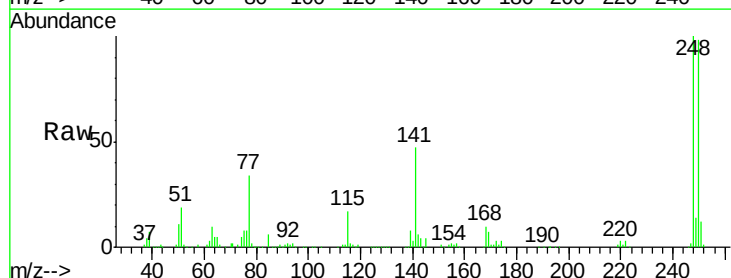
Tgt Ion:248 Resp: 225823

Ion Ratio Lower Upper

248 100

250 98.4 78.6 118.0

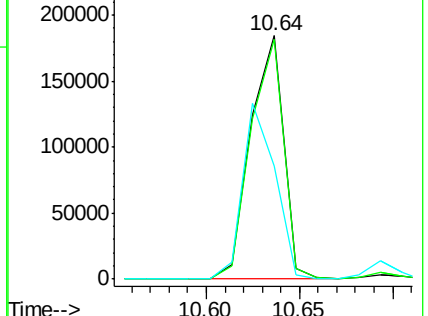
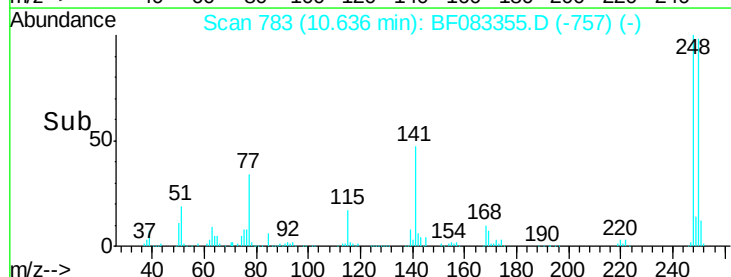
141 46.5 44.4 66.6

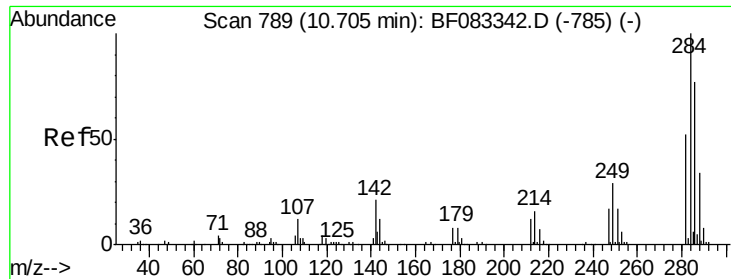


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 32.46 ng

RT: 10.69 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF083355.D

Acq: 1 Dec 2015 1:42

Instrument :

BNA_F

ClientSampleId :

PB86847BSD

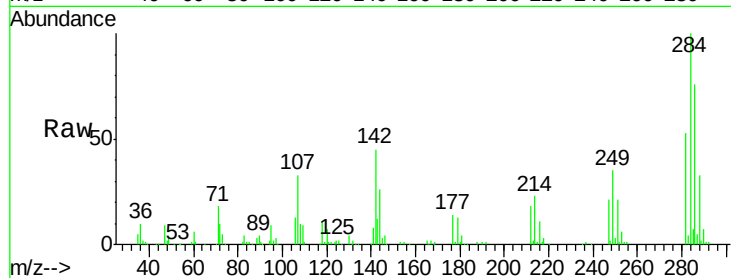
Tgt Ion:284 Resp: 248998

Ion Ratio Lower Upper

284 100

142 45.0 16.6 24.8#

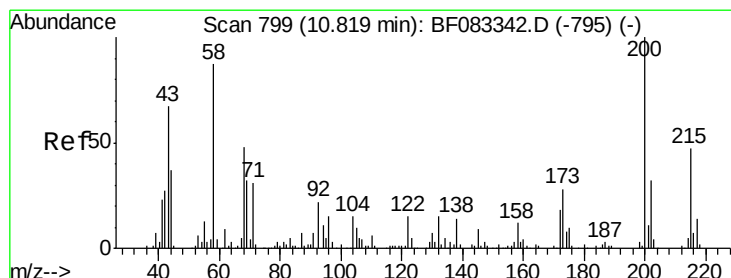
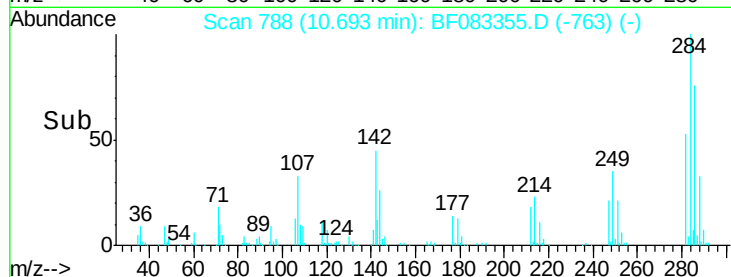
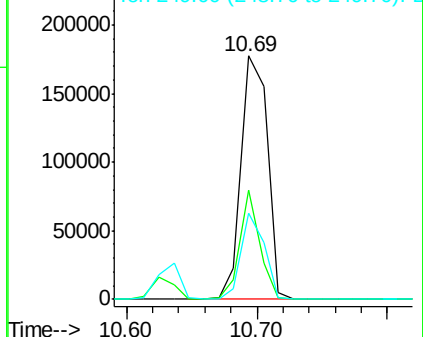
249 35.3 23.0 34.4#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 33.39 ng

RT: 10.82 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF083355.D

Acq: 1 Dec 2015 1:42

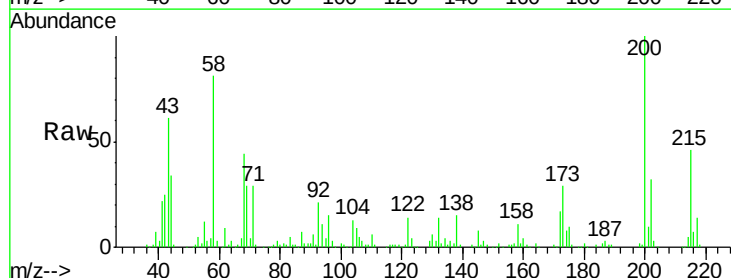
Tgt Ion:200 Resp: 205844

Ion Ratio Lower Upper

200 100

173 28.6 8.3 48.3

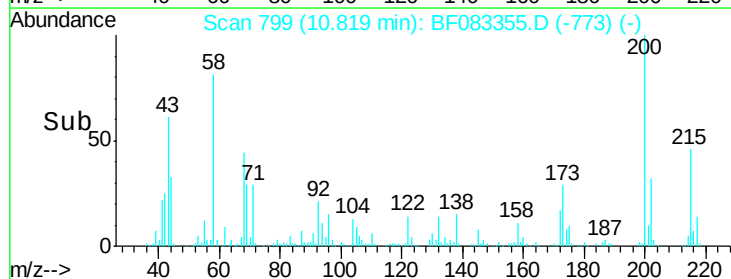
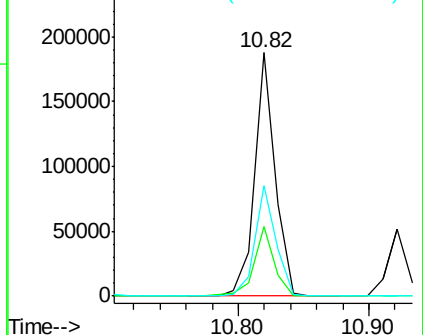
215 45.6 26.7 66.7

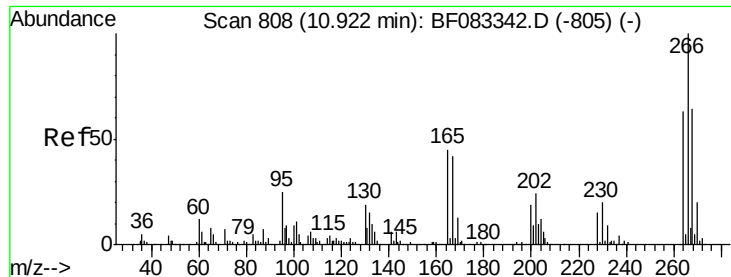


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

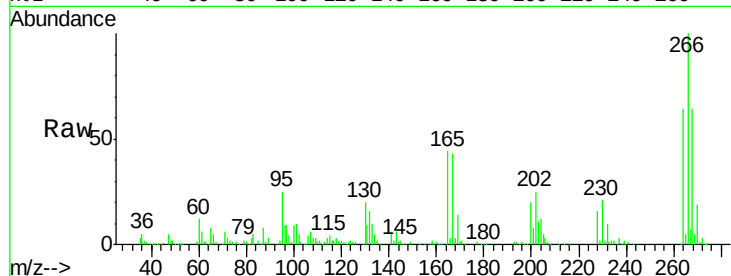




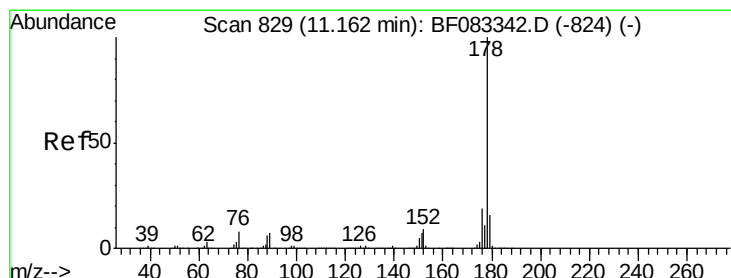
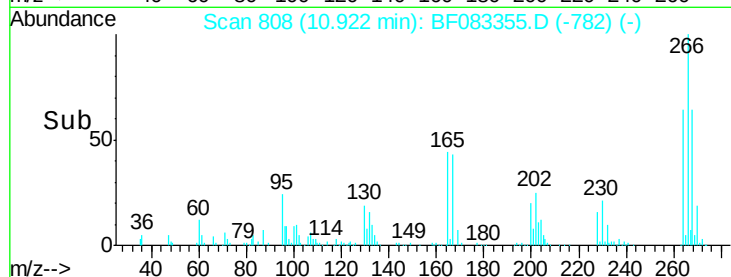
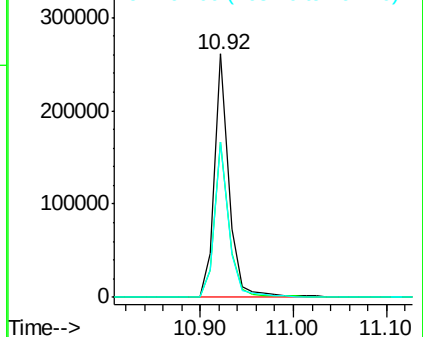
#69
 Pentachlorophenol
 Concen: 70.51 ng
 RT: 10.92 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

Instrument :
 BNA_F
 ClientSampleId :
 PB86847BSD

Tgt Ion: 266 Resp: 283373
 Ion Ratio Lower Upper
 266 100
 268 63.5 51.5 77.3
 264 63.9 50.4 75.6

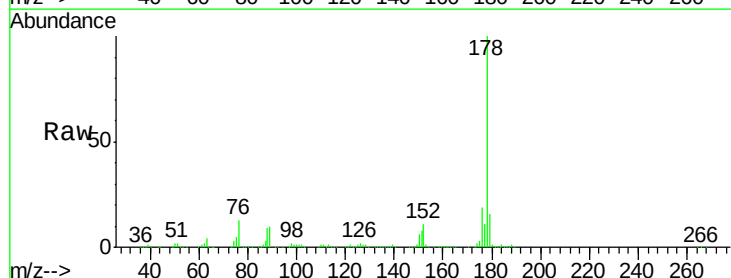


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

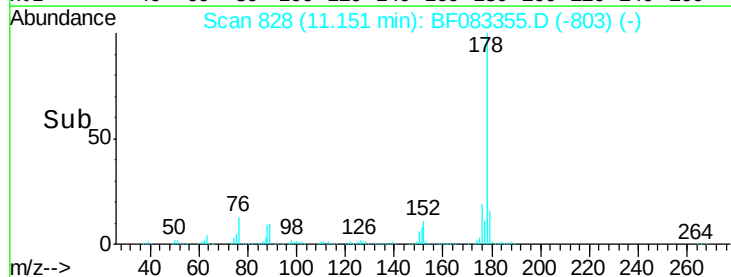
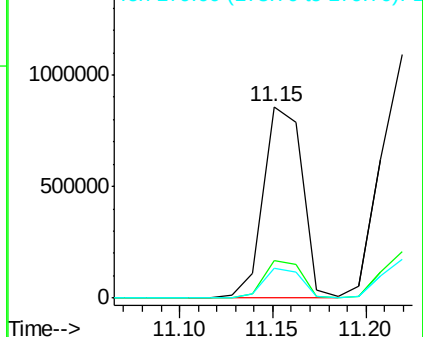


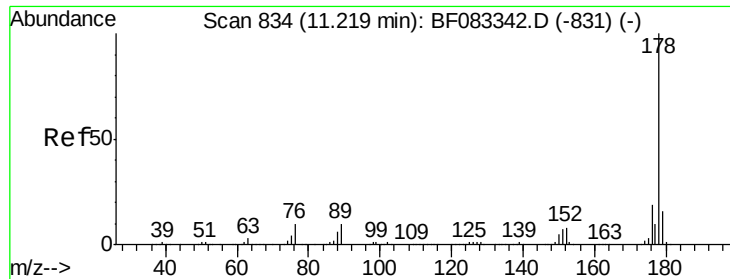
#70
 Phenanthrene
 Concen: 33.08 ng
 RT: 11.15 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

Tgt Ion: 178 Resp: 1241858
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.3 22.9
 179 15.8 12.4 18.6



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

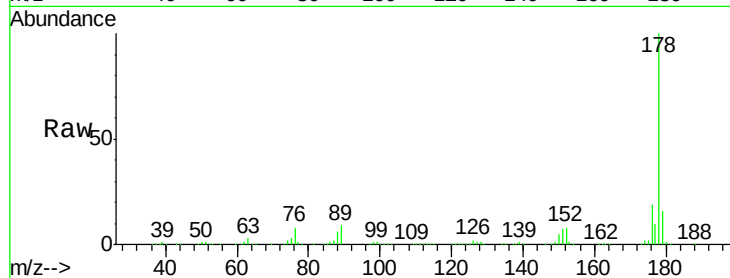




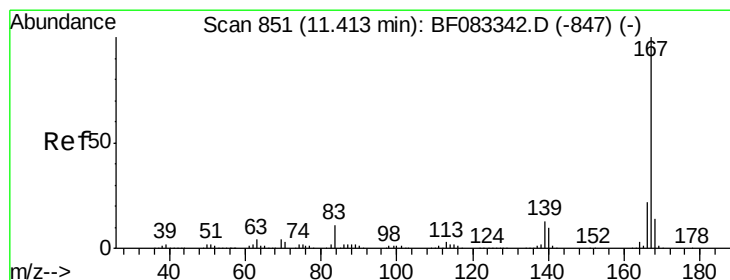
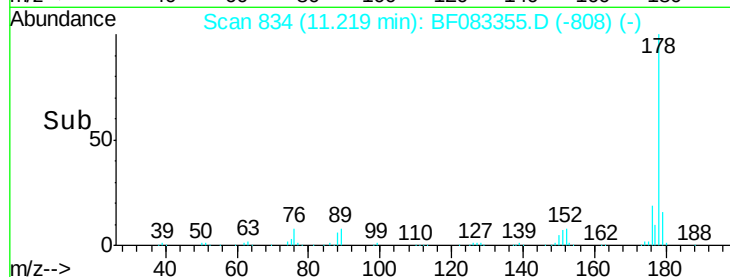
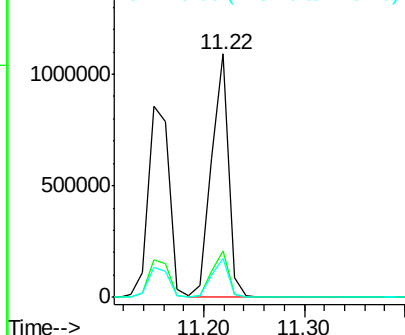
#71
 Anthracene
 Concen: 33.97 ng
 RT: 11.22 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

Instrument :
 BNA_F
 ClientSampleId :
 PB86847BSD

Tgt Ion:178 Resp: 1283685
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.6 23.4
 179 16.1 12.8 19.2

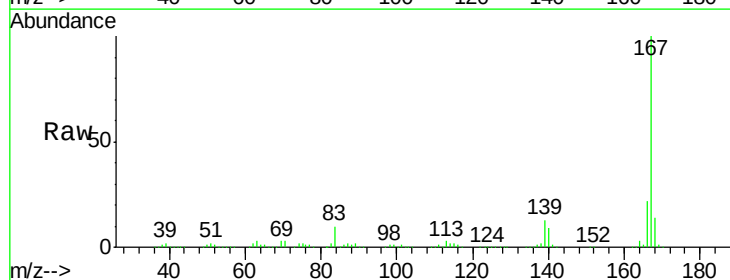


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

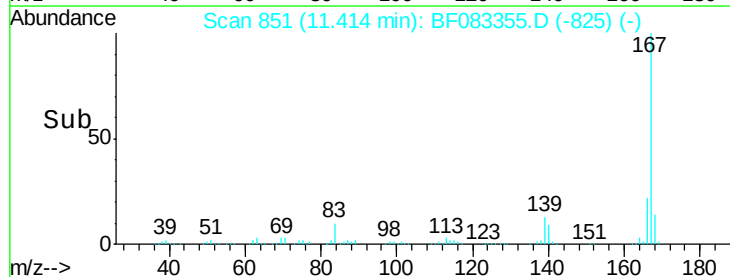
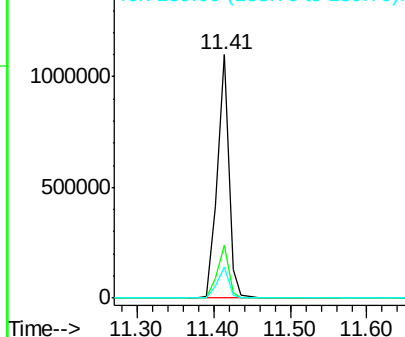


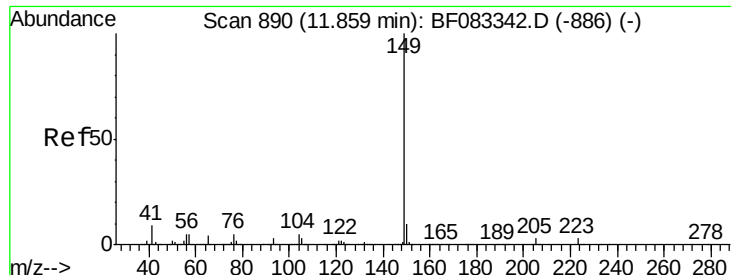
#72
 Carbazole
 Concen: 34.11 ng
 RT: 11.41 min Scan# 851
 Delta R.T. 0.00 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

Tgt Ion:167 Resp: 1158247
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.0
 139 12.8 10.5 15.7



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





#73

Di-n-butylphthalate

Concen: 33.92 ng

RT: 11.86 min Scan# 890

Delta R.T. 0.00 min

Lab File: BF083355.D

Acq: 1 Dec 2015 1:42

Instrument :

BNA_F

ClientSampleId :

PB86847BSD

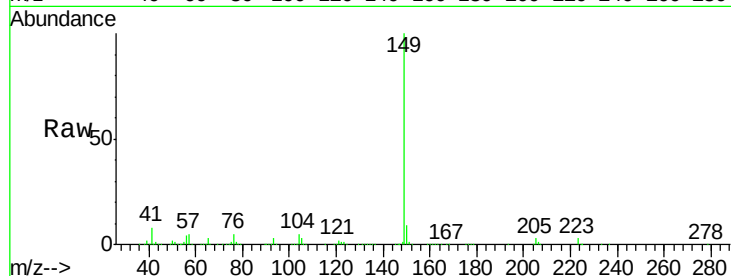
Tgt Ion:149 Resp: 1364905

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

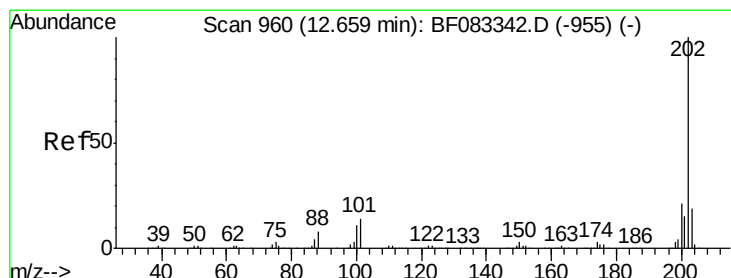
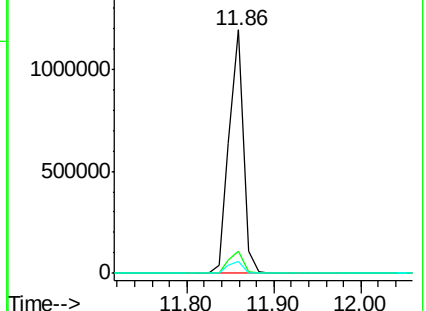
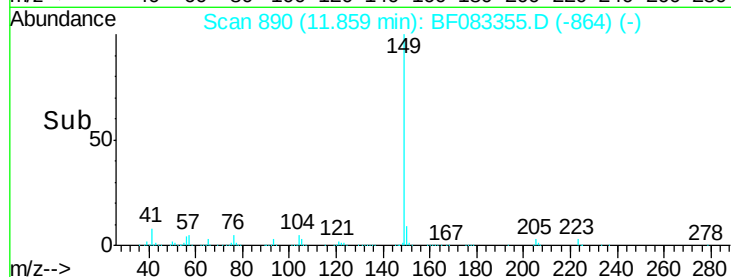
104 4.7 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 33.06 ng

RT: 12.66 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF083355.D

Acq: 1 Dec 2015 1:42

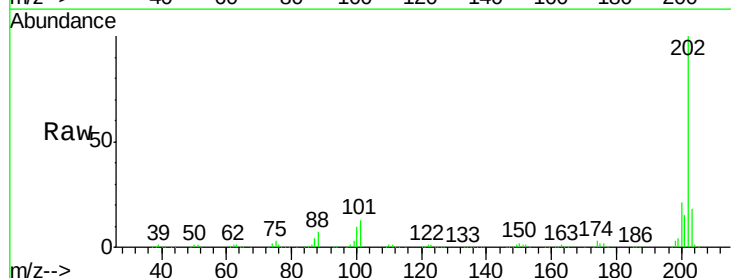
Tgt Ion:202 Resp: 1286491

Ion Ratio Lower Upper

202 100

101 12.9 0.0 34.5

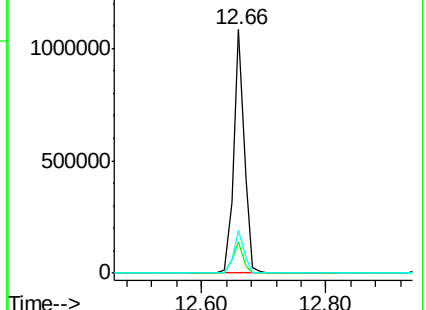
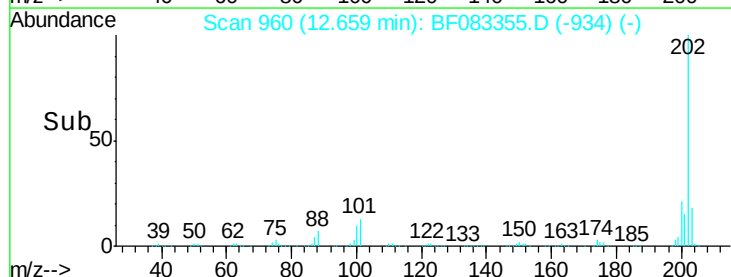
203 17.7 0.0 38.7

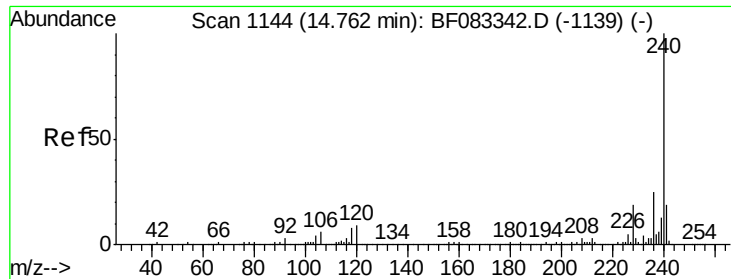


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

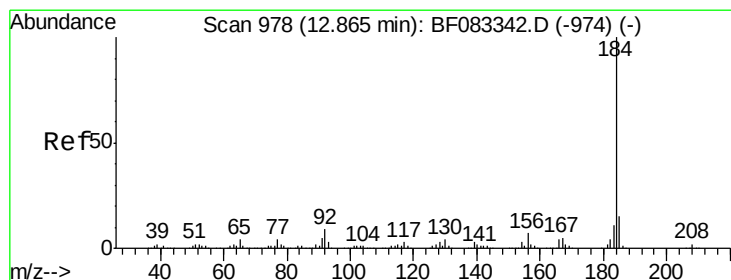
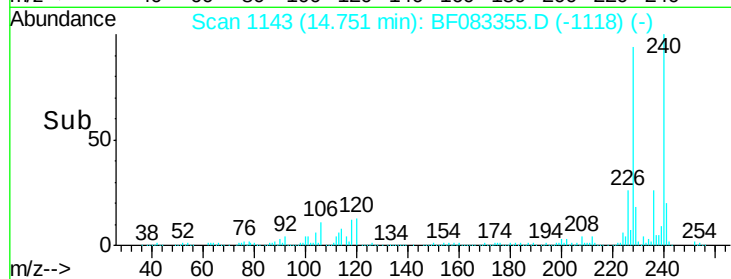
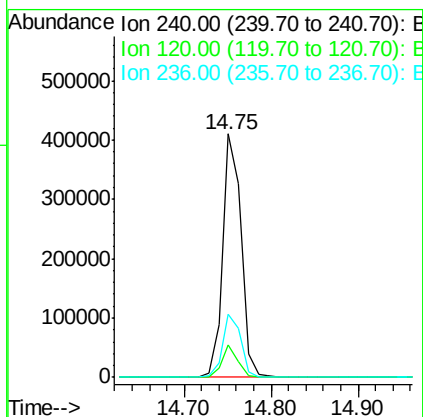
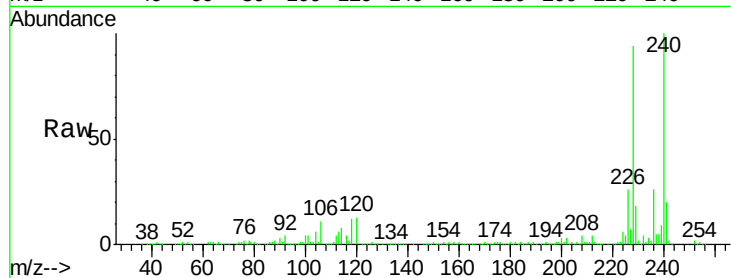




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.75 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

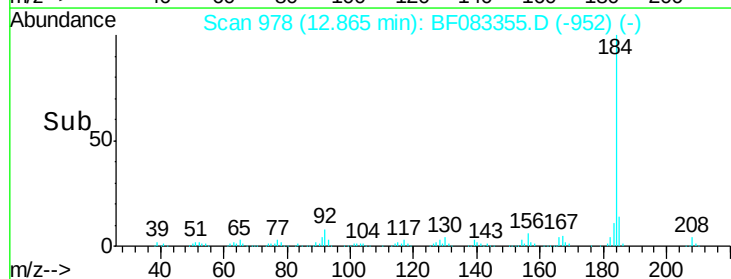
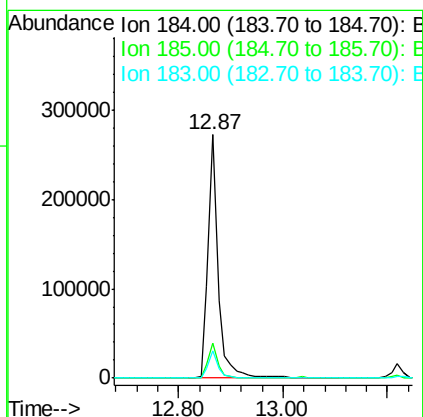
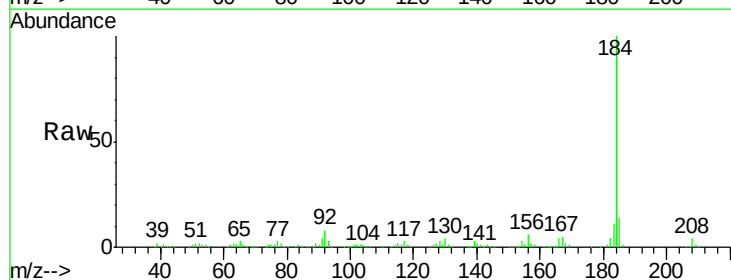
Instrument :
 BNA_F
 ClientSampleId :
 PB86847BSD

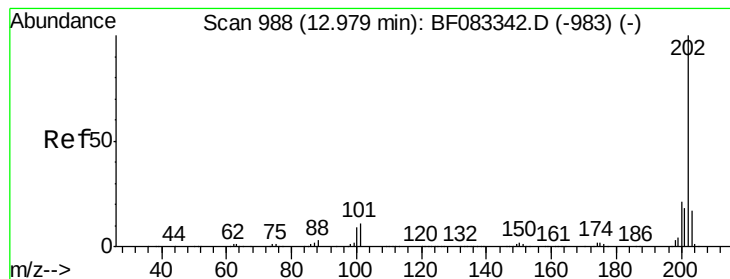
Tgt Ion:240 Resp: 605203
 Ion Ratio Lower Upper
 240 100
 120 13.1 6.9 10.3#
 236 25.7 19.8 29.6



#76
 Benzidine
 Concen: 20.44 ng
 RT: 12.87 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

Tgt Ion:184 Resp: 368443
 Ion Ratio Lower Upper
 184 100
 185 14.5 12.4 18.6
 183 11.0 9.0 13.4





#77

Pyrene

Concen: 31.47 ng

RT: 12.97 min Scan# 987

Delta R.T. -0.01 min

Lab File: BF083355.D

Acq: 1 Dec 2015 1:42

Instrument :

BNA_F

ClientSampled :

PB86847BSD

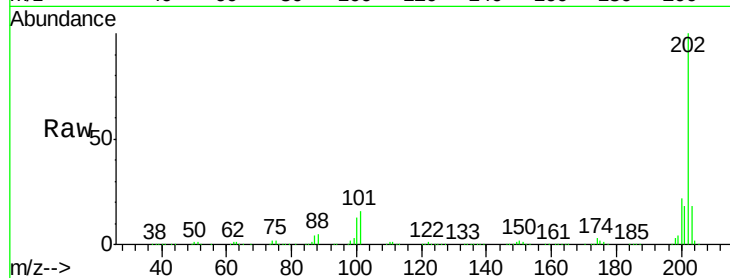
Tgt Ion:202 Resp: 1330062

Ion Ratio Lower Upper

202 100

200 21.5 16.9 25.3

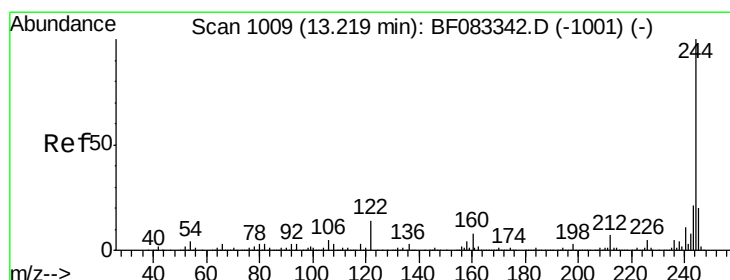
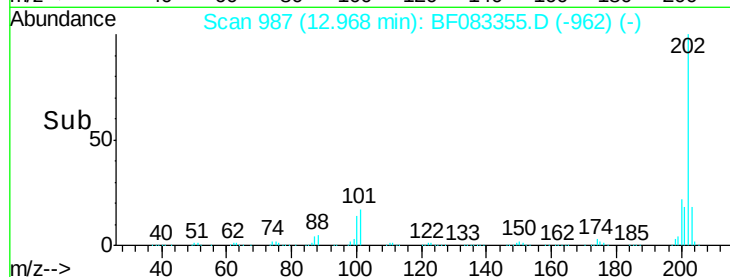
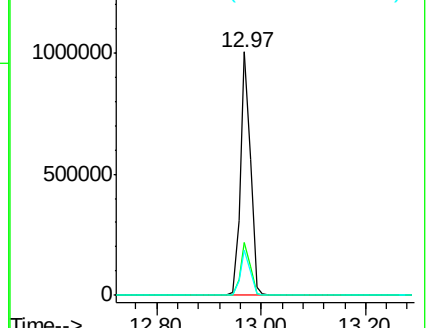
203 18.5 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 64.03 ng

RT: 13.22 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF083355.D

Acq: 1 Dec 2015 1:42

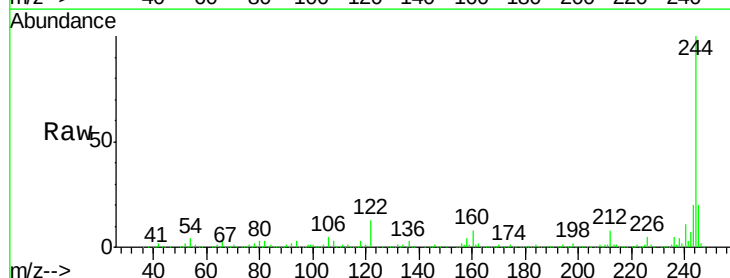
Tgt Ion:244 Resp: 1624952

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

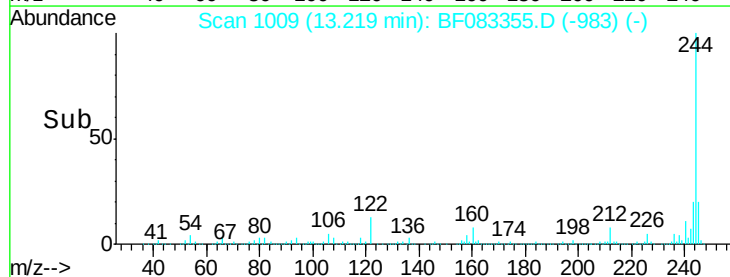
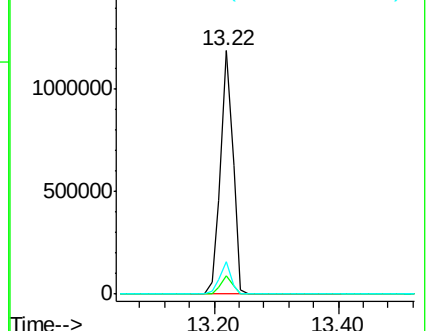
122 13.5 11.0 16.4

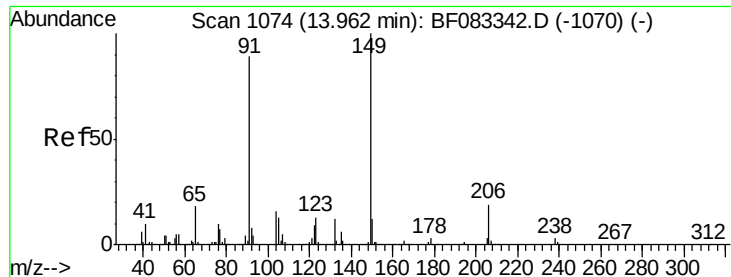


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

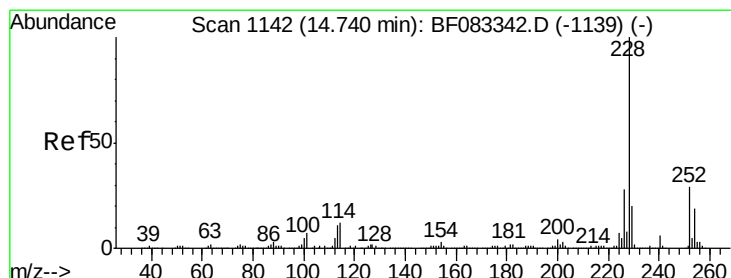
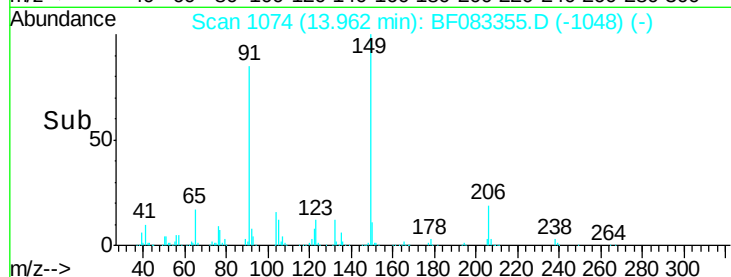
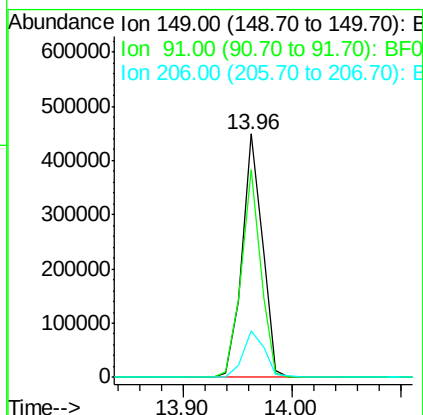
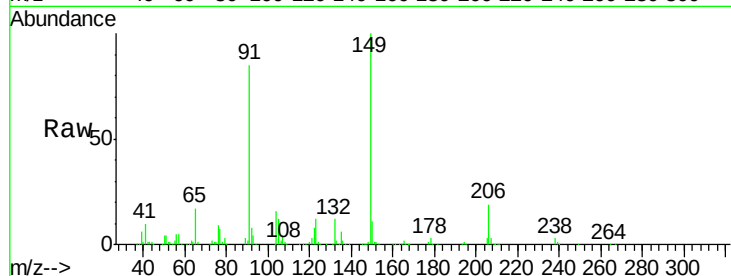




#79
Butylbenzylphthalate
Concen: 32.14 ng
RT: 13.96 min Scan# 1074
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

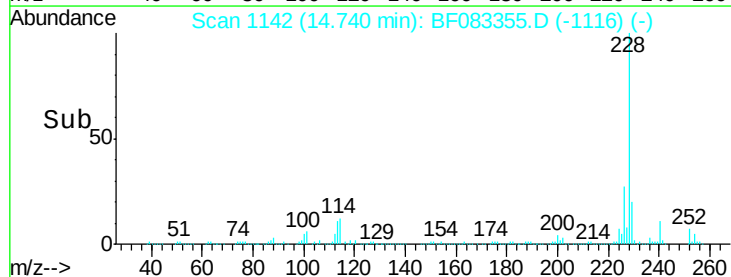
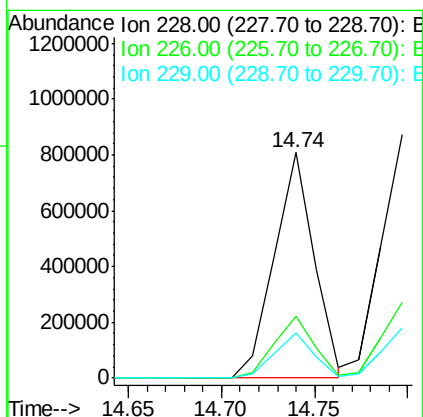
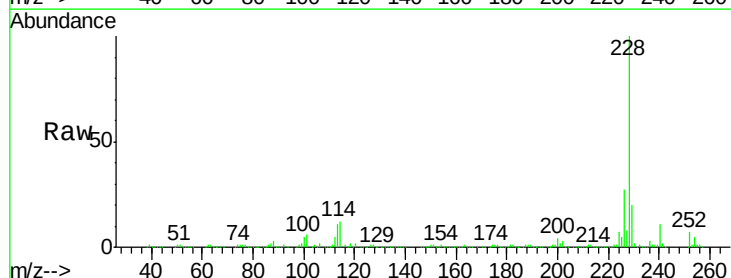
Instrument :
BNA_F
ClientSampleId :
PB86847BSD

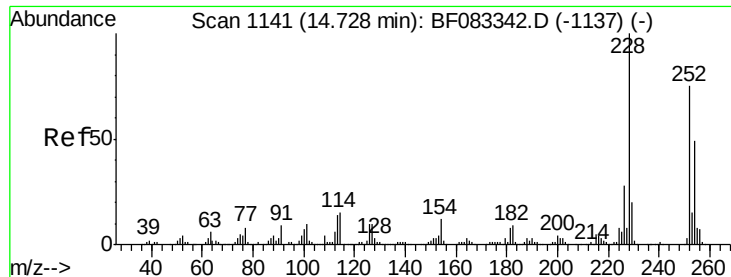
Tgt Ion:149 Resp: 576206
Ion Ratio Lower Upper
149 100
91 85.3 71.4 107.2
206 19.2 15.1 22.7



#80
Benzo(a)anthracene
Concen: 32.36 ng
RT: 14.74 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BF083355.D
Acq: 1 Dec 2015 1:42

Tgt Ion:228 Resp: 1199740
Ion Ratio Lower Upper
228 100
226 27.2 22.2 33.4
229 20.1 16.1 24.1

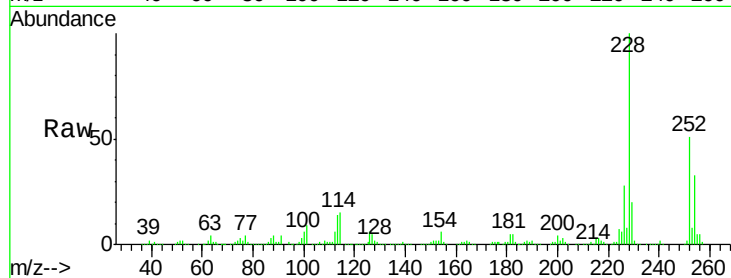




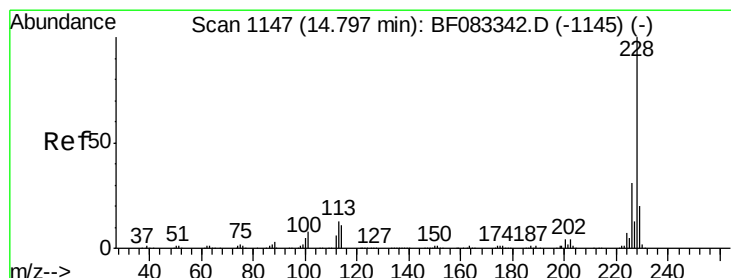
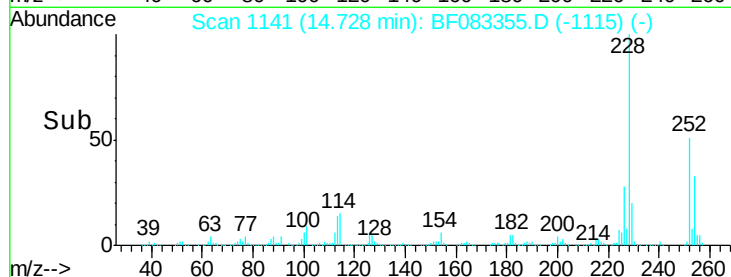
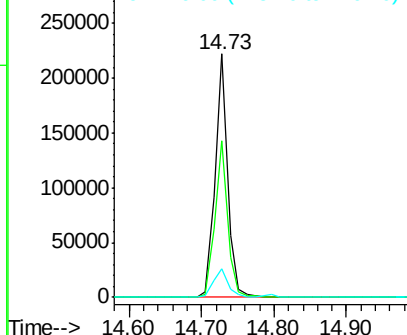
#81
 3,3'-Dichlorobenzidine
 Concen: 23.18 ng
 RT: 14.73 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

Instrument :
 BNA_F
 ClientSampleId :
 PB86847BSD

Tgt Ion: 252 Resp: 268416
 Ion Ratio Lower Upper
 252 100
 254 64.4 52.0 78.0
 126 11.7 10.7 16.1

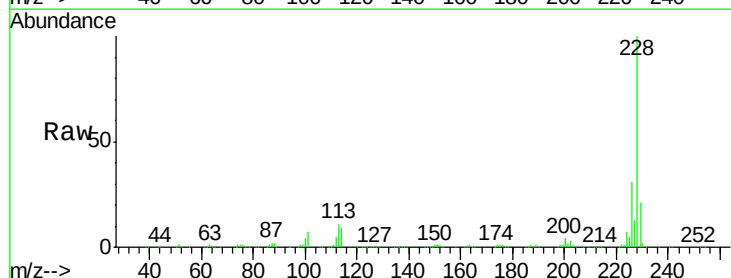


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 31.64 ng
 RT: 14.80 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF083355.D
 Acq: 1 Dec 2015 1:42

Tgt Ion: 228 Resp: 1133410
 Ion Ratio Lower Upper
 228 100
 226 31.3 24.6 37.0
 229 20.6 16.2 24.2



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

