

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121115\
 Data File : BF083711.D
 Acq On : 11 Dec 2015 22:52
 Operator : UM/IZ
 Sample : PB87142BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87142BS

Quant Time: Dec 11 23:17:49 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 11 19:24:37 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	133810	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	533157	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	243083	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	456314	20.00	ng	0.00
75) Chrysene-d12	14.08	240	296701	20.00	ng	0.00
86) Perylene-d12	15.51	264	242357	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	985140	113.38	ng	0.01
7) Phenol-d6	6.56	99	1221505	113.84	ng	0.01
23) Nitrobenzene-d5	7.48	82	683786	86.98	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	311032	132.19	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	1264112	76.60	ng	0.00
78) Terphenyl-d14	13.03	244	1208543	91.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	135421	31.87	ng	# 84
3) Pyridine	3.38	79	381958	34.60	ng	88
4) n-Nitrosodimethylamine	3.32	42	167187	37.25	ng	# 69
6) Aniline	6.58	93	303713	20.67	ng	# 85
8) 2-Chlorophenol	6.70	128	354761	37.36	ng	98
9) Benzaldehyde	6.46	77	141925	24.01	ng	94
10) Phenol	6.57	94	463951	37.22	ng	# 67
11) bis(2-Chloroethyl)ether	6.66	93	359603	39.52	ng	93
12) 1,3-Dichlorobenzene	6.86	146	382673	36.51	ng	98
13) 1,4-Dichlorobenzene	6.94	146	406260	38.38	ng	96
14) 1,2-Dichlorobenzene	7.09	146	354796	36.45	ng	97
15) Benzyl Alcohol	7.06	79	302963	40.19	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.21	45	442703	35.14	ng	68
17) 2-Methylphenol	7.17	107	300648	39.22	ng	# 85
18) Hexachloroethane	7.45	117	142201	39.69	ng	99
19) n-Nitroso-di-n-propylamine	7.33	70	234017	37.42	ng	94
20) 3+4-Methylphenols	7.32	107	376377	39.89	ng	# 75
22) Acetophenone	7.33	105	475796	37.33	ng	# 98
24) Nitrobenzene	7.50	77	393288	44.72	ng	# 85
25) Isophorone	7.74	82	664025	37.79	ng	95
26) 2-Nitrophenol	7.82	139	180777	49.90	ng	# 79
27) 2,4-Dimethylphenol	7.86	122	356737	40.49	ng	98
28) bis(2-Chloroethoxy)methane	7.96	93	417975	41.60	ng	# 95
29) 2,4-Dichlorophenol	8.06	162	316073	43.39	ng	98
30) 1,2,4-Trichlorobenzene	8.16	180	320786	39.72	ng	98
31) Naphthalene	8.24	128	1075949	40.88	ng	99
32) Benzoic acid	7.96	122	177817	38.21	ng	93
33) 4-Chloroaniline	8.27	127	97979	8.95	ng	# 90
34) Hexachlorobutadiene	8.36	225	174252	38.82	ng	96
35) Caprolactam	8.62	113	59872	25.57	ng	# 88
36) 4-Chloro-3-methylphenol	8.75	107	316444	39.68	ng	93
37) 2-Methylnaphthalene	8.92	142	684619	41.23	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	306036	40.36	ng	# 100
40) Hexachlorocyclopentadiene	9.08	237	307941	85.83	ng	99

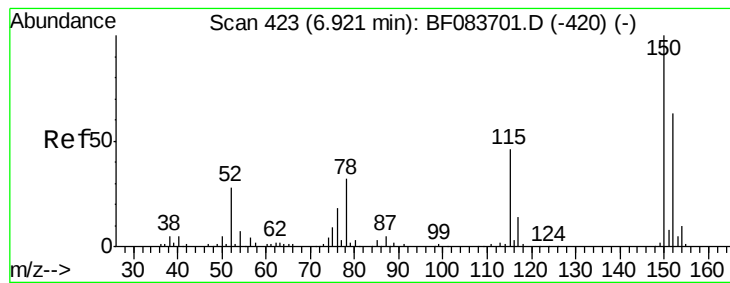
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	211695	40.74	ng	99
43) 2,4,5-Trichlorophenol	9.23	196	191281	38.15	ng #	89
45) 1,1'-Biphenyl	9.39	154	836598	39.46	ng	95
46) 2-Chloronaphthalene	9.41	162	642148	40.19	ng	98
47) 2-Nitroaniline	9.49	65	162080	41.35	ng	91
48) Acenaphthylene	9.82	152	999145	37.94	ng	99
49) Dimethylphthalate	9.69	163	754393	40.34	ng	99
50) 2,6-Dinitrotoluene	9.74	165	164251	45.23	ng #	60
51) Acenaphthene	10.00	154	635009	40.73	ng	99
52) 3-Nitroaniline	9.90	138	86247	21.18	ng #	71
53) 2,4-Dinitrophenol	10.01	184	112704	92.72	ng #	57
54) Dibenzofuran	10.17	168	837518	40.34	ng	91
55) 4-Nitrophenol	10.06	139	330111	95.36	ng #	75
56) 2,4-Dinitrotoluene	10.14	165	233206	50.50	ng #	65
57) Fluorene	10.51	166	657681	39.92	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.28	232	173490	46.72	ng #	100
59) Diethylphthalate	10.38	149	676704	38.61	ng	99
60) 4-Chlorophenyl-phenylether	10.50	204	285129	36.27	ng #	87
61) 4-Nitroaniline	10.52	138	159721	42.31	ng	86
62) Azobenzene	10.66	77	647279	38.79	ng	98
64) 4,6-Dinitro-2-methylphenol	10.54	198	87144	45.69	ng	89
65) n-Nitrosodiphenylamine	10.61	169	580293	38.31	ng	98
66) 4-Bromophenyl-phenylether	10.99	248	194026	39.78	ng	93
67) Hexachlorobenzene	11.06	284	215673	40.60	ng	96
68) Atrazine	11.14	200	166901	38.64	ng	96
69) Pentachlorophenol	11.24	266	256885	86.64	ng	98
70) Phenanthrene	11.47	178	1060050	42.56	ng	99
71) Anthracene	11.52	178	950434	36.96	ng	99
72) Carbazole	11.66	167	868281	36.78	ng #	95
73) Di-n-butylphthalate	12.01	149	1038248	40.36	ng	100
74) Fluoranthene	12.65	202	989483	37.96	ng	96
76) Benzidine	12.76	184	187854	16.42	ng	99
77) Pyrene	12.88	202	1002215	42.84	ng	98
79) Butylbenzylphthalate	13.49	149	363614	48.48	ng #	91
80) Benzo(a)anthracene	14.05	228	757753	43.59	ng	99
81) 3,3'-Dichlorobenzidine	14.02	252	138205	25.02	ng	98
82) Chrysene	14.10	228	745758	44.61	ng	99
83) Bis(2-ethylhexyl)phthalate	14.07	149	377781	46.57	ng	100
84) Di-n-octyl phthalate	14.67	149	535564	43.68	ng #	100
85) Indeno(1,2,3-cd)pyrene	16.95	276	725077	40.30	ng #	100
87) Benzo(b)fluoranthene	15.09	252	597549	39.67	ng	99
88) Benzo(k)fluoranthene	15.09	252	597549	41.60	ng #	95
89) Benzo(a)pyrene	15.45	252	576821	42.11	ng	99
90) Dibenzo(a,h)anthracene	16.96	278	608233	44.82	ng #	95
91) Benzo(g,h,i)perylene	17.37	276	633954	44.30	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

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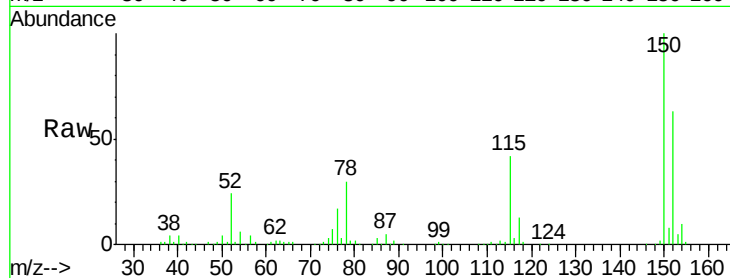
Tgt Ion: 152 Resp: 133810

Ion Ratio Lower Upper

152 100

150 158.2 126.5 189.7

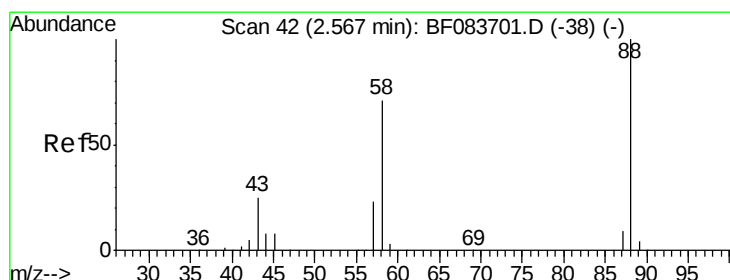
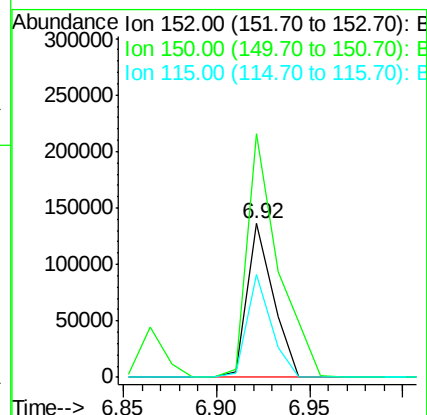
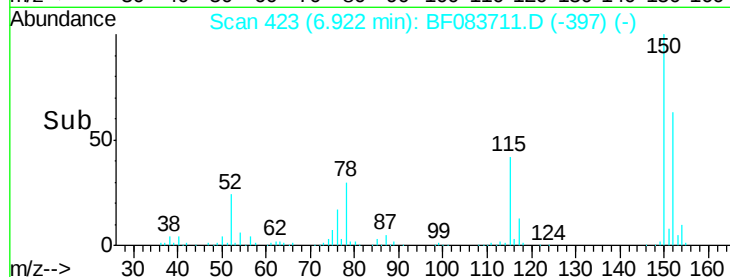
115 67.2 52.3 78.5



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: 31.87 ng

RT: 2.65 min Scan# 49

Delta R.T. 0.08 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

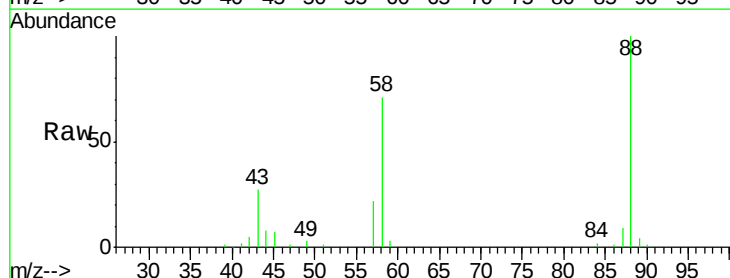
Tgt Ion: 88 Resp: 135421

Ion Ratio Lower Upper

88 100

58 70.8 68.0 102.0

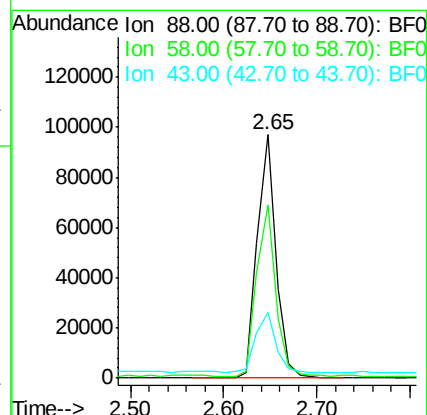
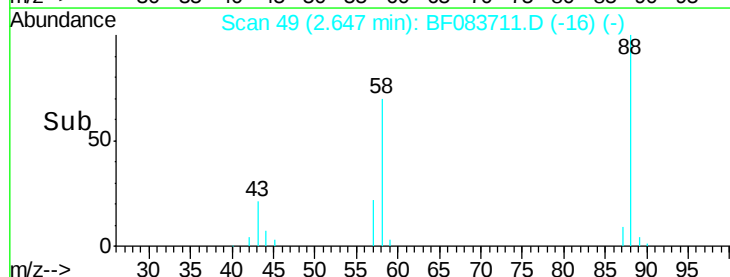
43 25.9 27.9 41.9#

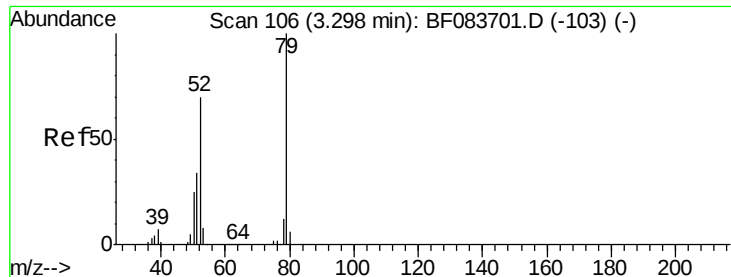


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 34.60 ng

RT: 3.38 min Scan# 113

Delta R.T. 0.08 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

Instrument :

BNA_F

ClientSampleId :

PB87142BS

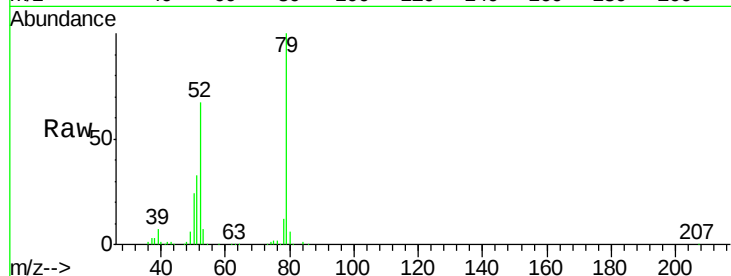
Tgt Ion: 79 Resp: 381958

Ion Ratio Lower Upper

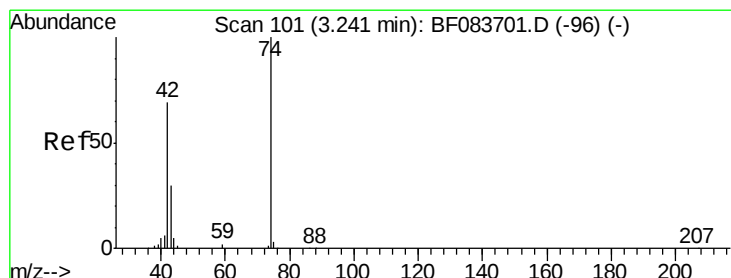
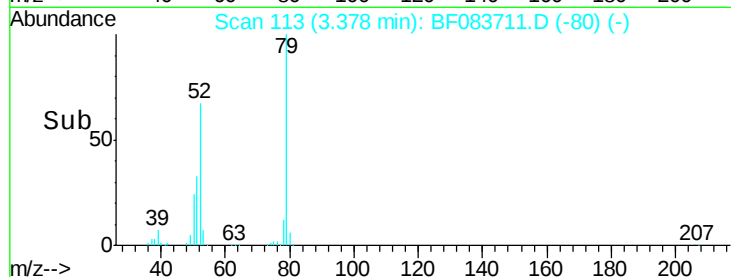
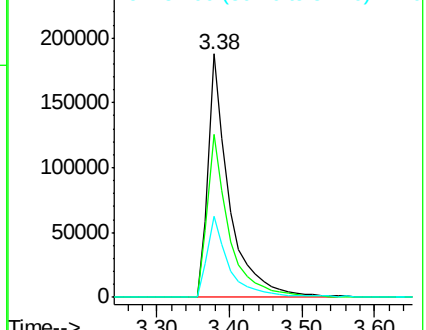
79 100

52 67.0 63.7 95.5

51 33.0 30.6 45.8



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 37.25 ng

RT: 3.32 min Scan# 108

Delta R.T. 0.08 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

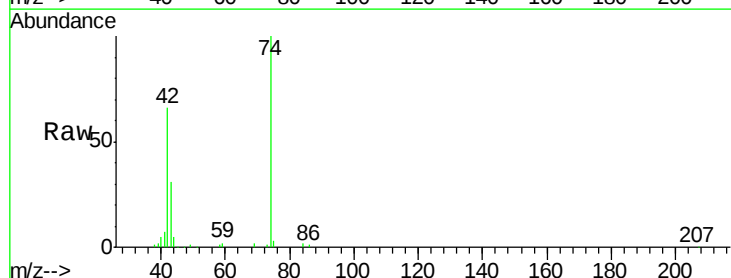
Tgt Ion: 42 Resp: 167187

Ion Ratio Lower Upper

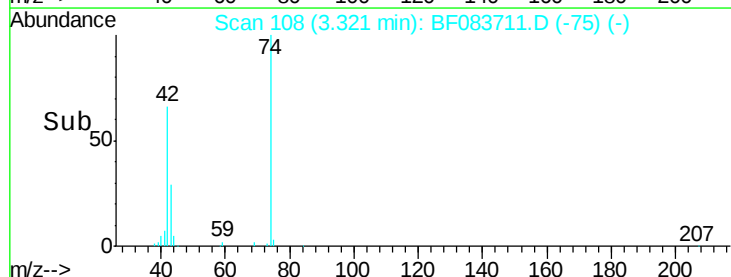
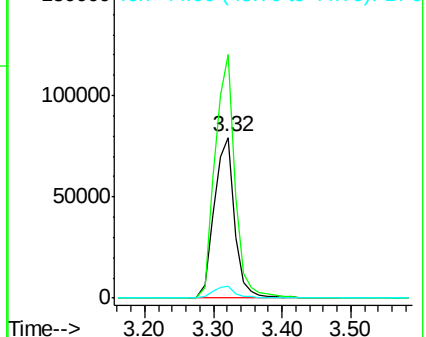
42 100

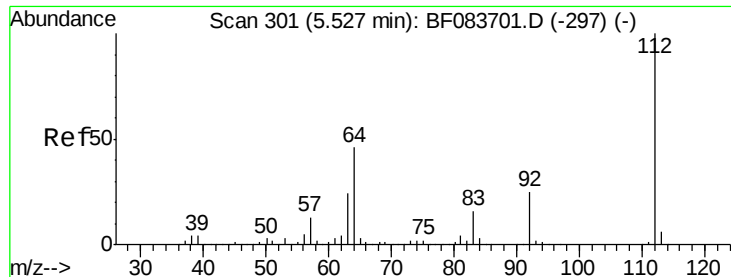
74 151.6 92.9 139.3#

44 7.8 5.7 8.5



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 113.38 ng

RT: 5.54 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

Instrument :

BNA_F

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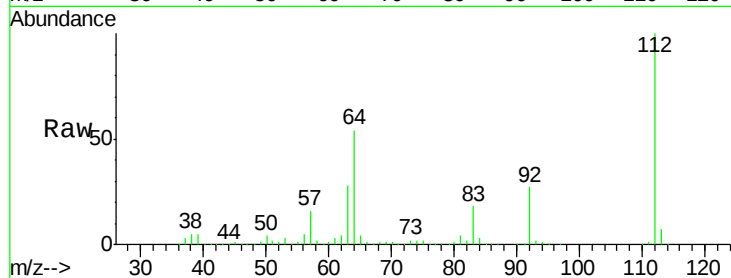
Tgt Ion: 112 Resp: 985140

Ion Ratio Lower Upper

112 100

64 54.0 50.5 75.7

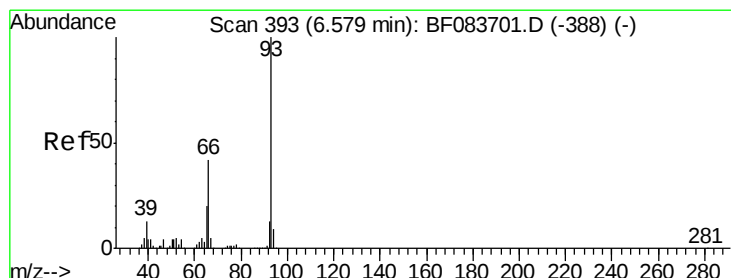
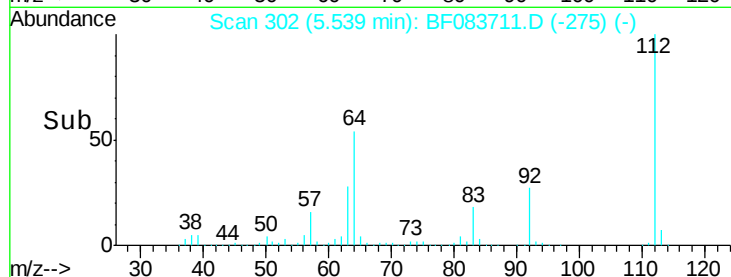
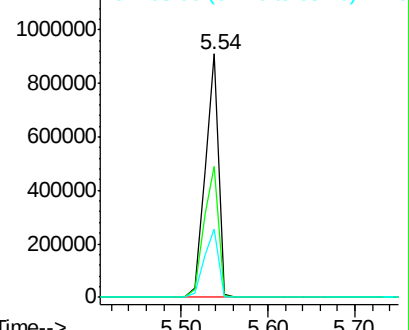
63 28.1 25.8 38.6



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: 20.67 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

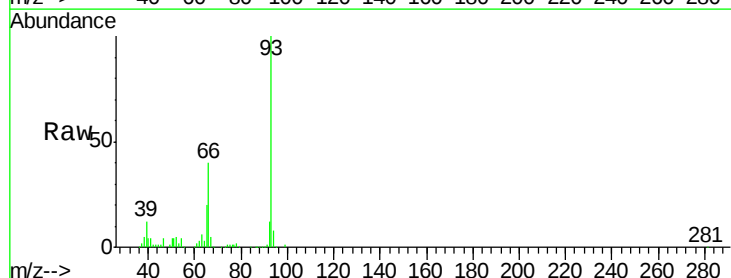
Tgt Ion: 93 Resp: 303713

Ion Ratio Lower Upper

93 100

66 40.1 41.3 61.9#

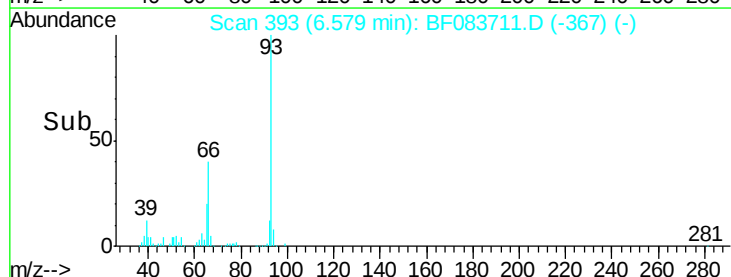
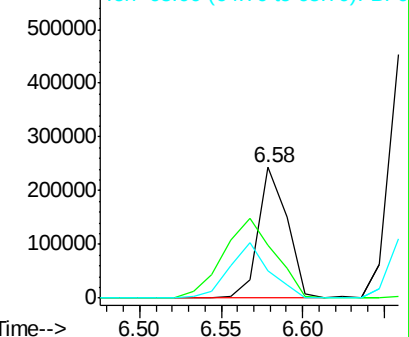
65 20.5 20.8 31.2#

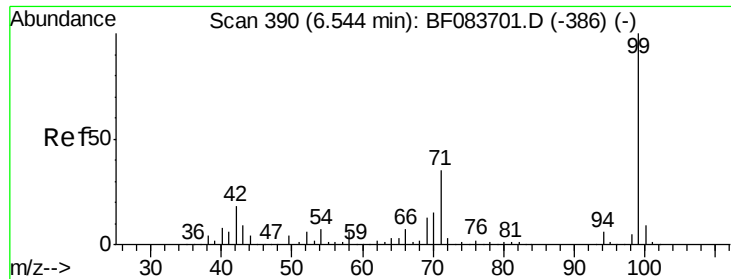


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 113.84 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

Instrument :

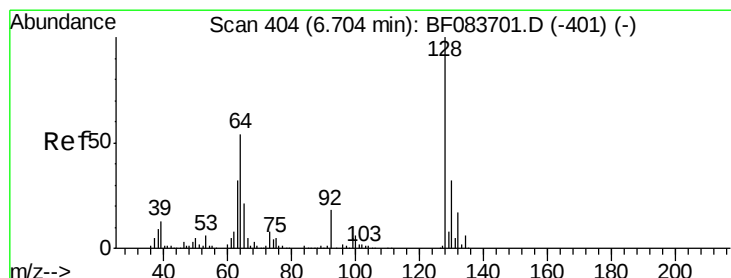
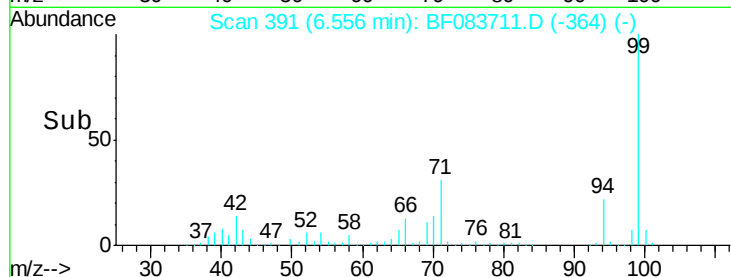
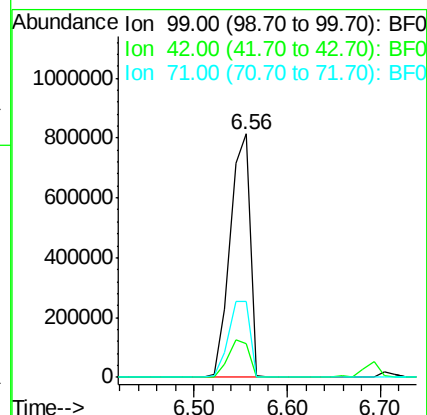
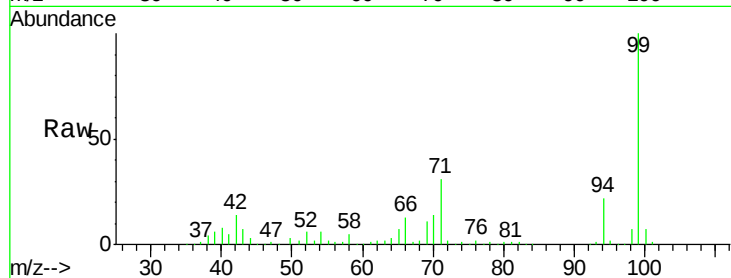
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Tgt Ion: 99 Resp: 1221505

Ion	Ratio	Lower	Upper
99	100		
42	13.7	17.3	25.9#
71	31.4	26.6	40.0



#8

2-Chlorophenol

Concen: 37.36 ng

RT: 6.70 min Scan# 404

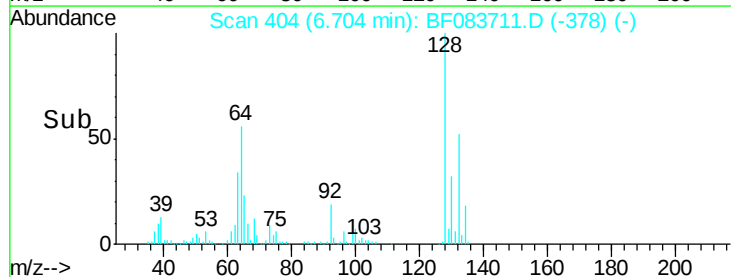
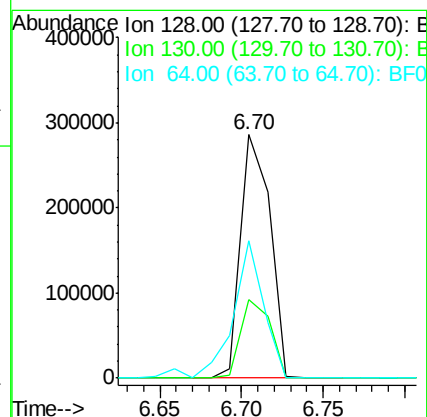
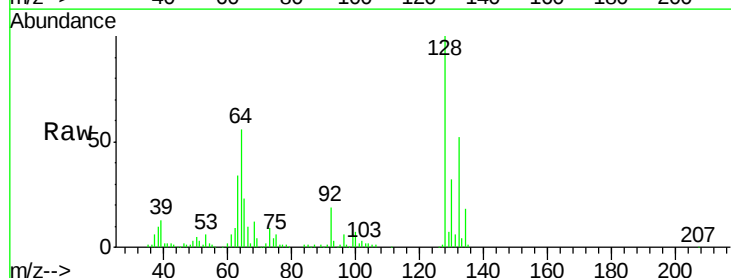
Delta R.T. 0.00 min

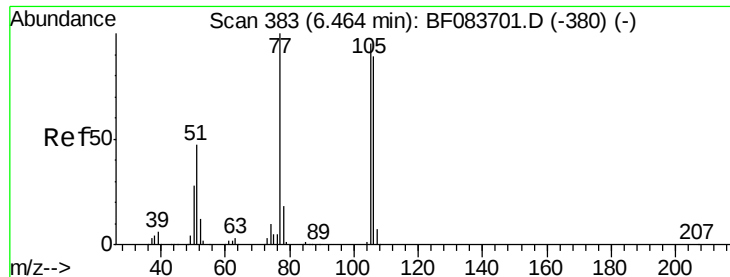
Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

Tgt Ion: 128 Resp: 354761

Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.6	52.6
64	56.2	38.6	78.6





#9

Benzaldehyde

Concen: 24.01 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

Instrument :

BNA_F

ClientSampleId :

PB87142BS

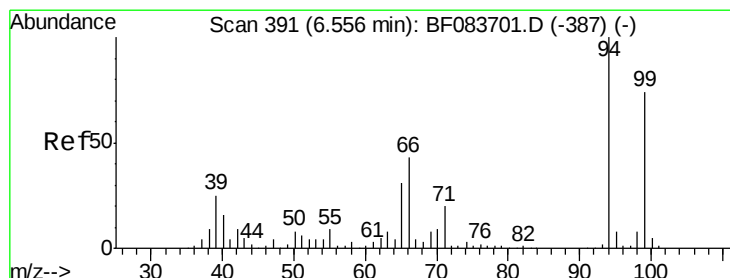
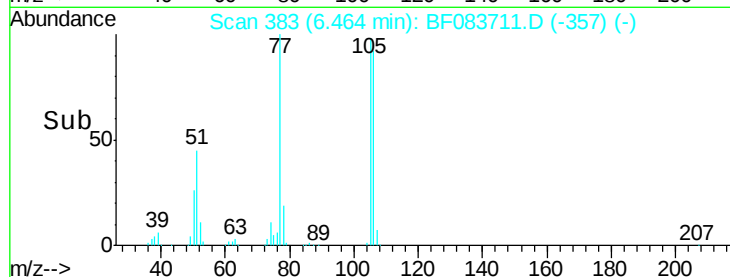
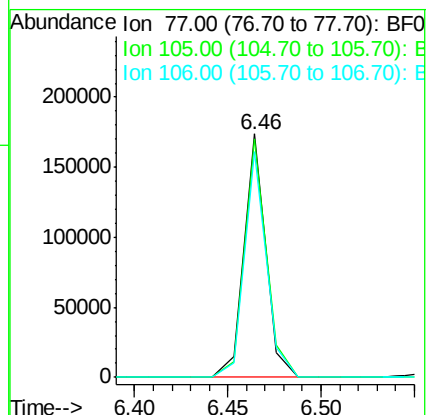
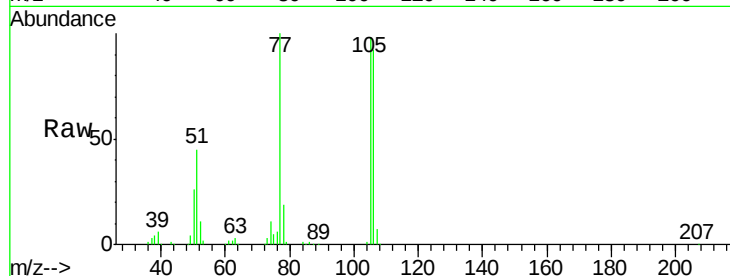
Tgt Ion: 77 Resp: 141925

Ion Ratio Lower Upper

77 100

105 98.1 71.8 111.8

106 92.5 66.8 106.8



#10

Phenol

Concen: 37.22 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.01 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

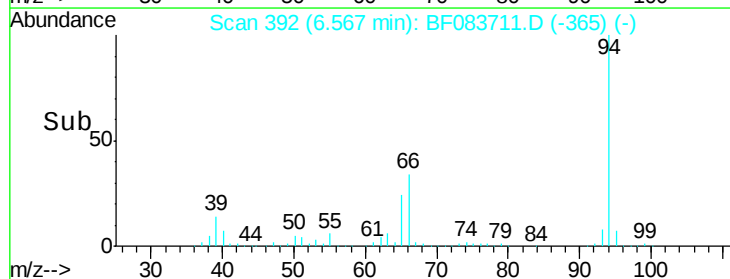
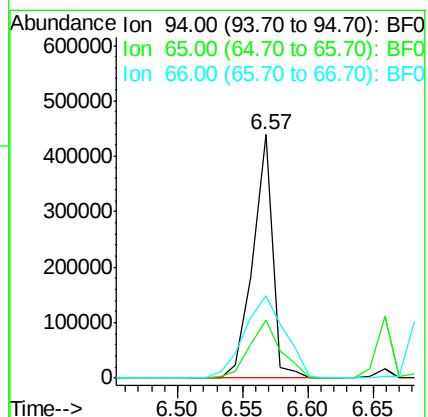
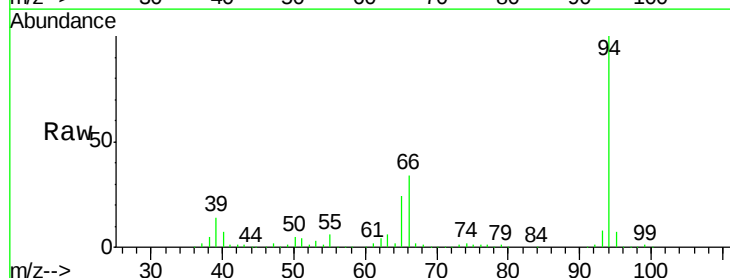
Tgt Ion: 94 Resp: 463951

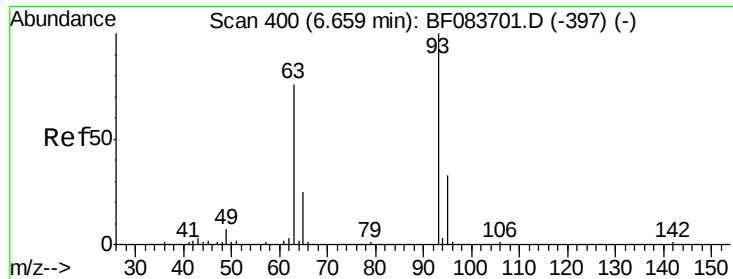
Ion Ratio Lower Upper

94 100

65 23.7 20.9 60.9

66 33.7 41.6 81.6#

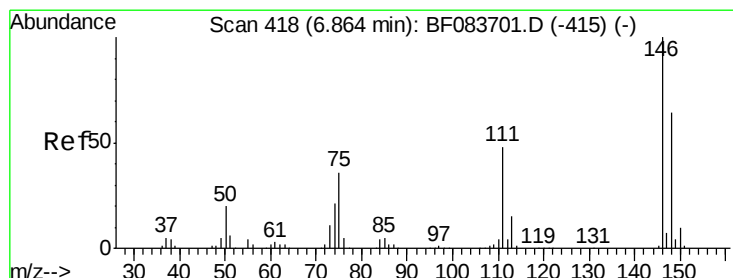
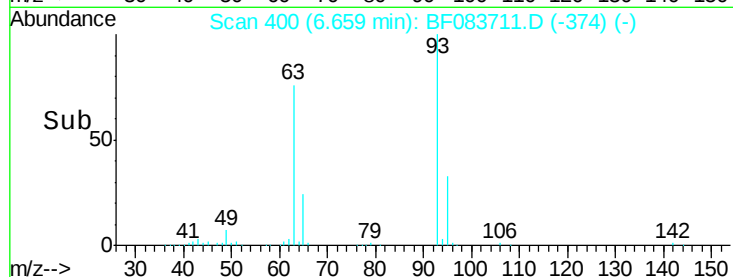
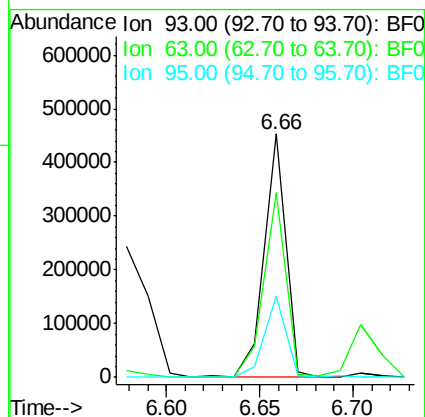
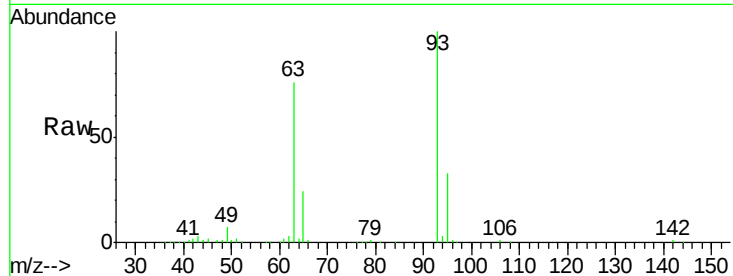




#11
 bis(2-Chloroethyl)ether
 Concen: 39.52 ng
 RT: 6.66 min Scan# 400
 Delta R.T. 0.00 min
 Lab File: BF083711.D
 Acq: 11 Dec 2015 22:52

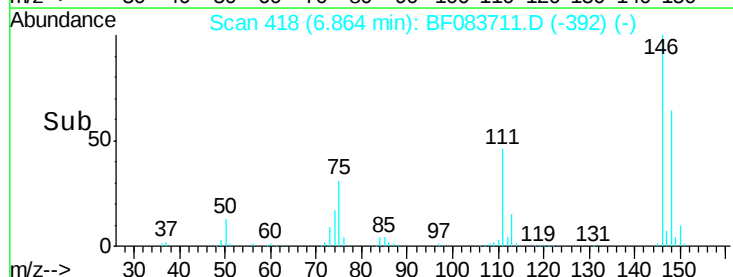
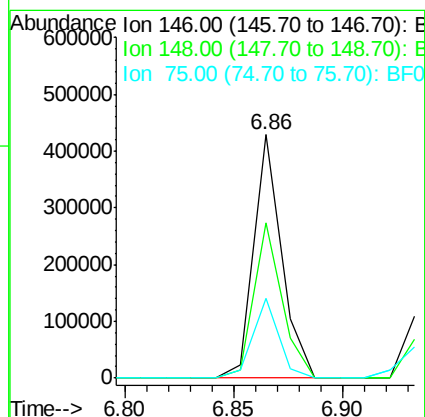
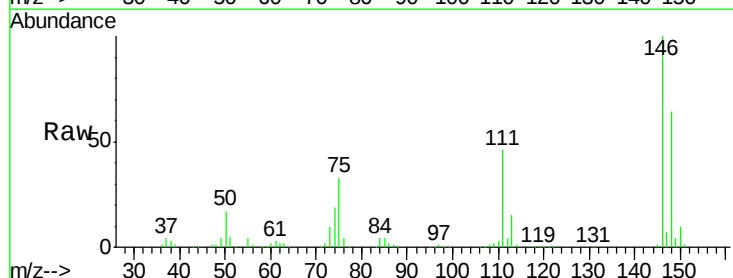
Instrument :
 BNA_F
 ClientSampleId :
 PB87142BS

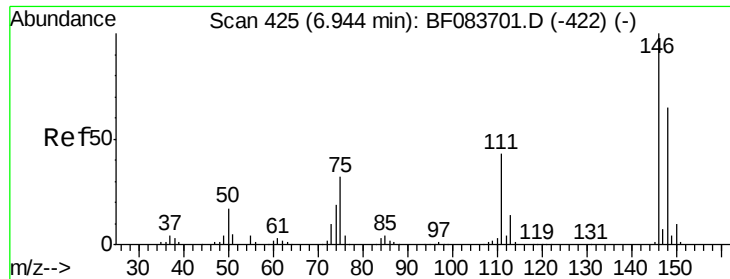
Tgt Ion: 93 Resp: 359603
 Ion Ratio Lower Upper
 93 100
 63 76.0 64.7 104.7
 95 33.2 12.7 52.7



#12
 1,3-Dichlorobenzene
 Concen: 36.51 ng
 RT: 6.86 min Scan# 418
 Delta R.T. 0.00 min
 Lab File: BF083711.D
 Acq: 11 Dec 2015 22:52

Tgt Ion: 146 Resp: 382673
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.3 76.9
 75 32.5 24.1 36.1

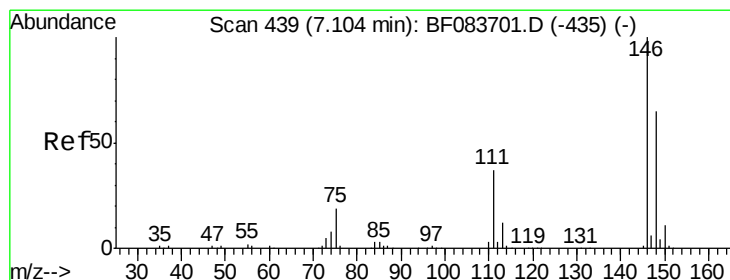
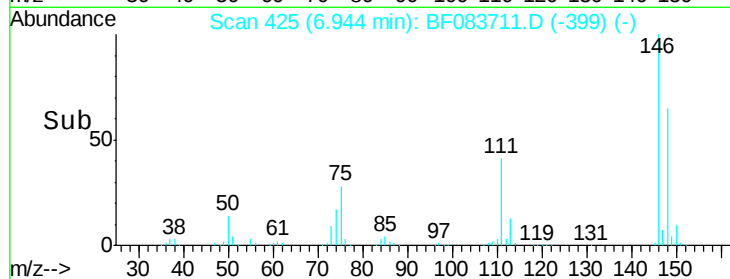
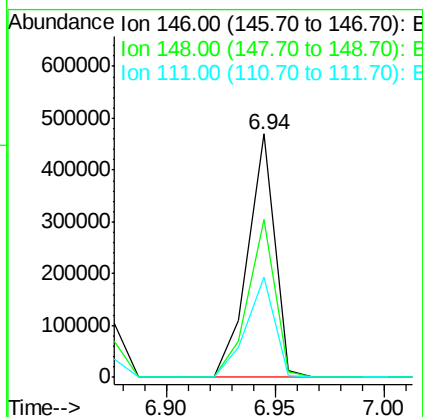
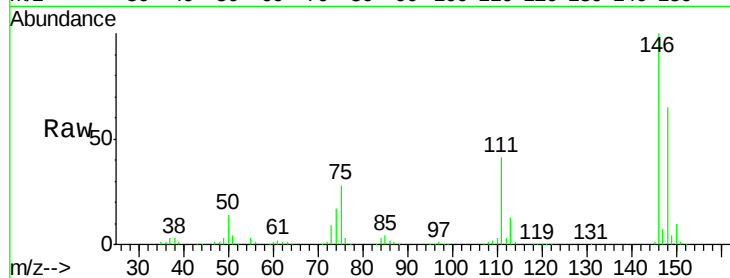




#13
 1,4-Dichlorobenzene
 Concen: 38.38 ng
 RT: 6.94 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BF083711.D
 Acq: 11 Dec 2015 22:52

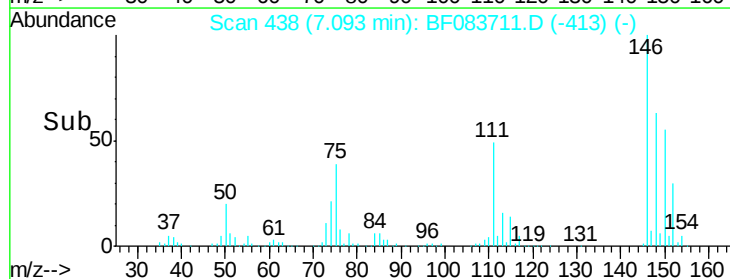
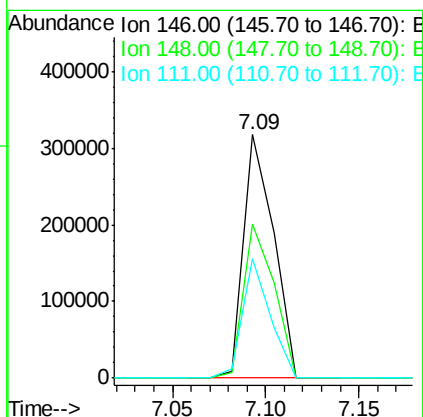
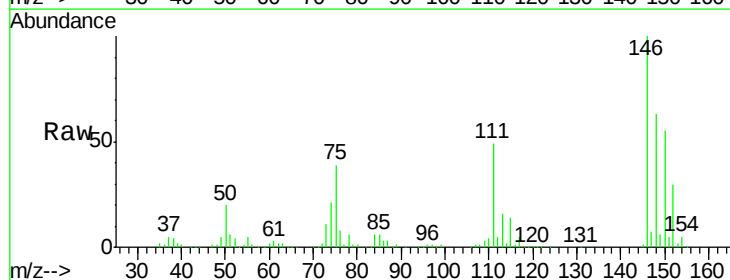
Instrument :
 BNA_F
 ClientSampleId :
 PB87142BS

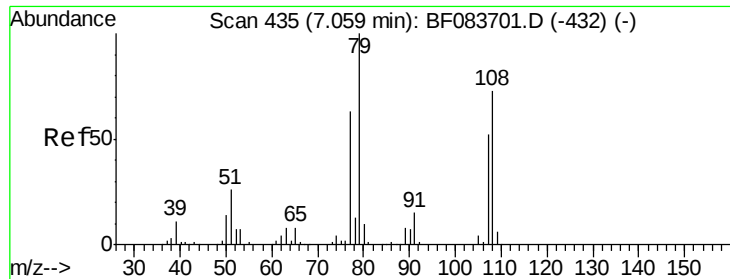
Tgt Ion:146 Resp: 406260
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.6 76.0
 111 41.2 36.1 54.1



#14
 1,2-Dichlorobenzene
 Concen: 36.45 ng
 RT: 7.09 min Scan# 438
 Delta R.T. -0.01 min
 Lab File: BF083711.D
 Acq: 11 Dec 2015 22:52

Tgt Ion:146 Resp: 354796
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.4 77.0
 111 49.3 36.7 55.1





#15

Benzyl Alcohol

Concen: 40.19 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

Instrument :

BNA_F

ClientSampleId :

PB87142BS

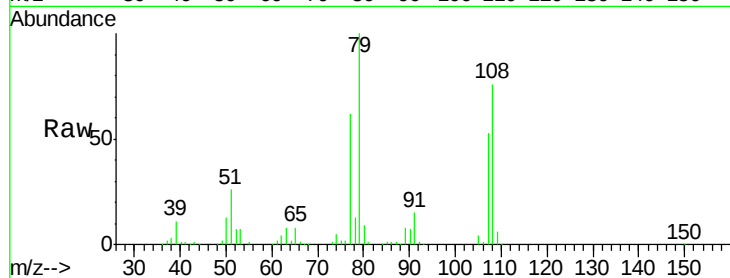
Tgt Ion: 79 Resp: 302963

Ion Ratio Lower Upper

79 100

108 76.2 59.6 89.4

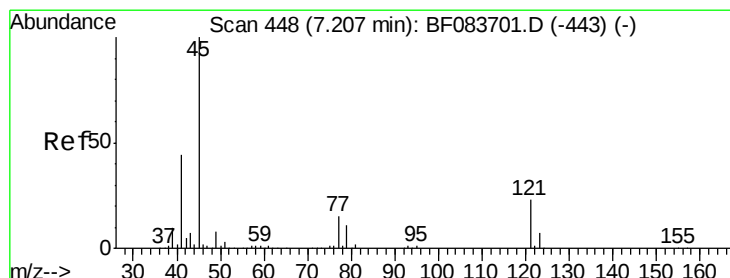
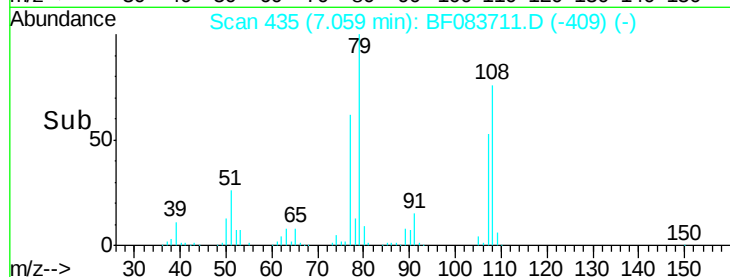
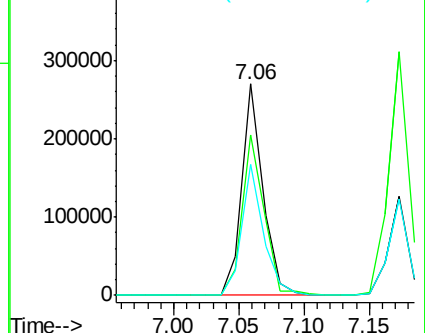
77 62.3 49.8 74.6



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: 35.14 ng

RT: 7.21 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

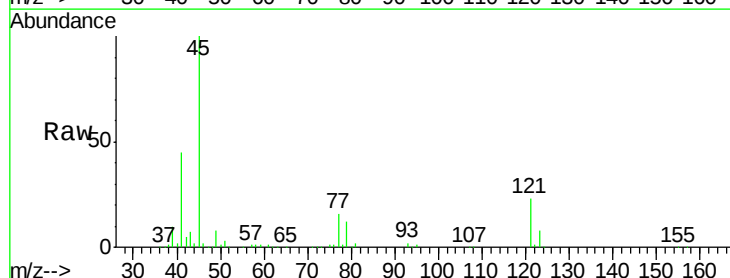
Tgt Ion: 45 Resp: 442703

Ion Ratio Lower Upper

45 100

77 15.9 12.8 52.8

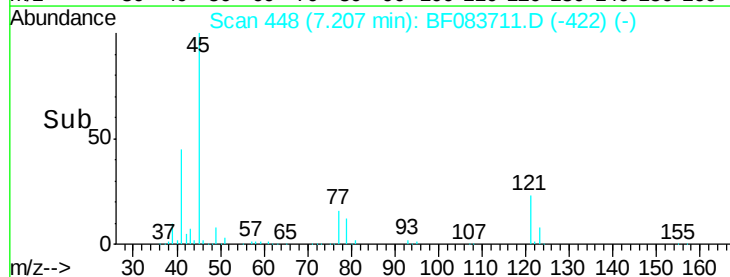
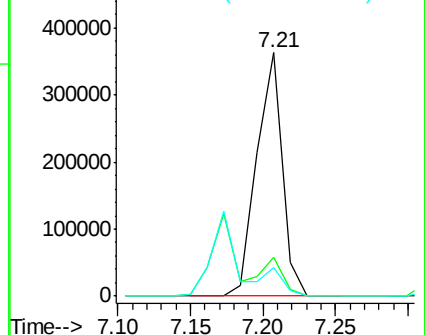
79 11.9 10.7 50.7

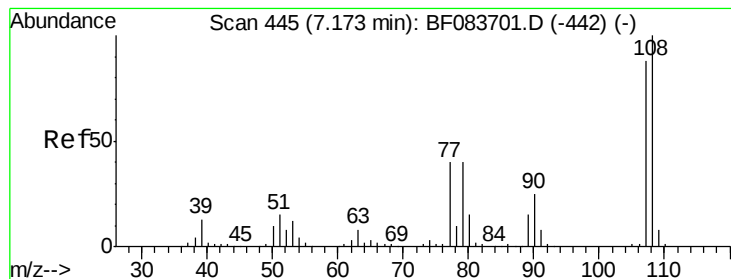


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 39.22 ng

RT: 7.17 min Scan# 445

Delta R.T. 0.00 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

Instrument :

BNA_F

ClientSampleId :

PB87142BS

Tgt Ion:107 Resp: 300648

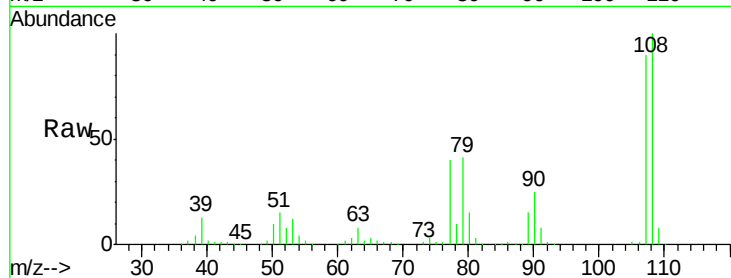
Ion Ratio Lower Upper

107 100

108 111.6 91.6 137.4

77 44.3 53.7 80.5#

79 45.5 50.2 75.4#

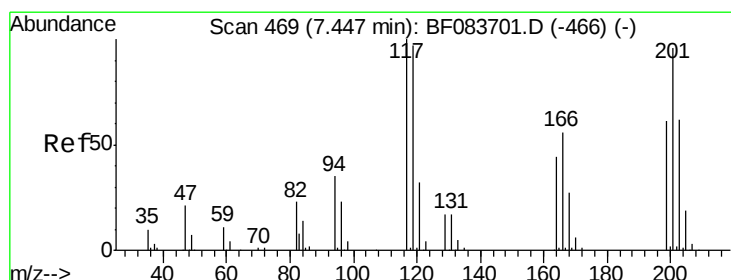
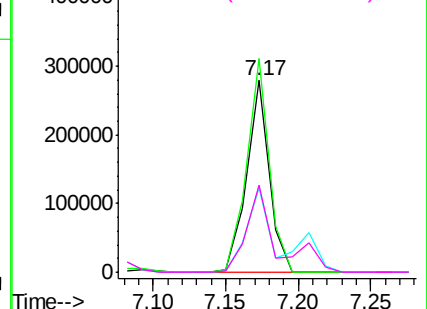
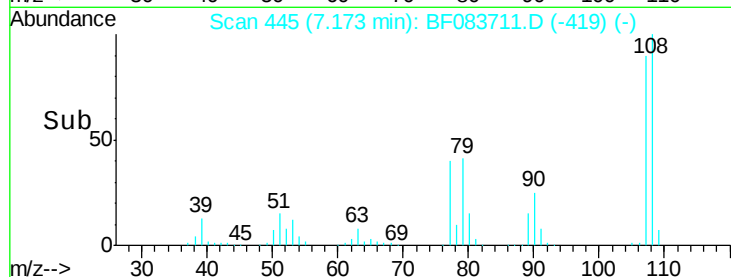


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.69 ng

RT: 7.45 min Scan# 469

Delta R.T. 0.00 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

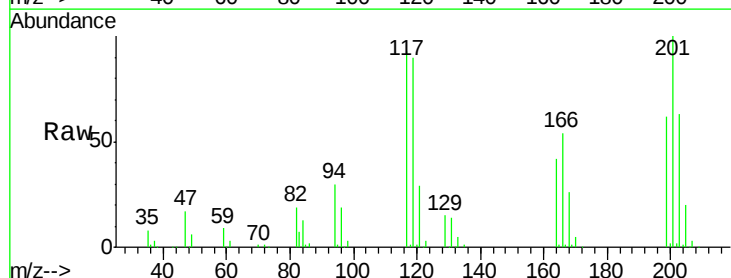
Tgt Ion:117 Resp: 142201

Ion Ratio Lower Upper

117 100

119 96.8 77.2 115.8

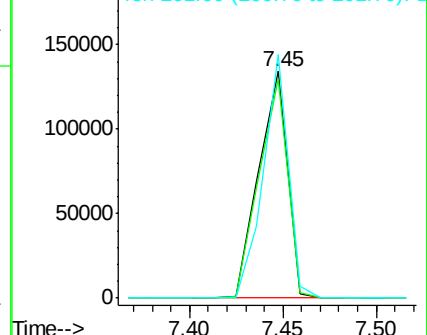
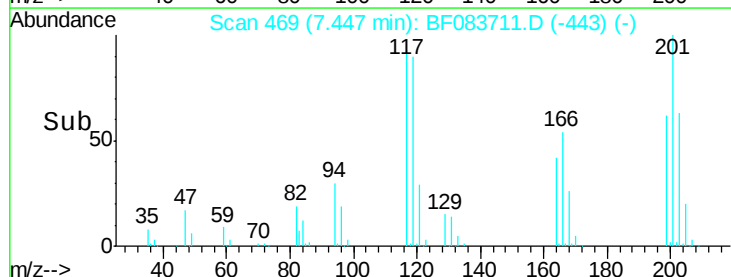
201 107.3 86.8 130.2

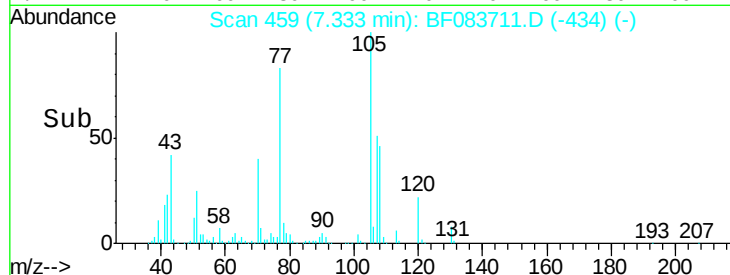
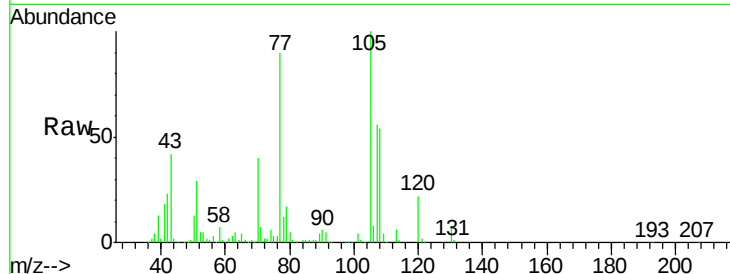
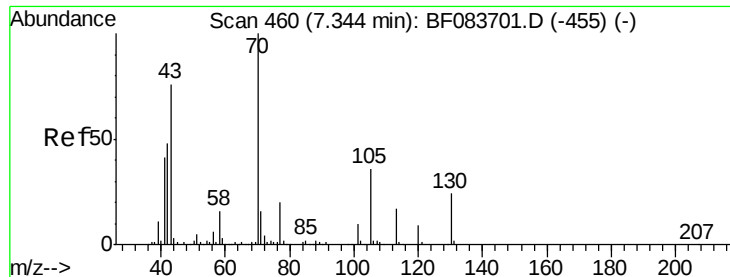


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

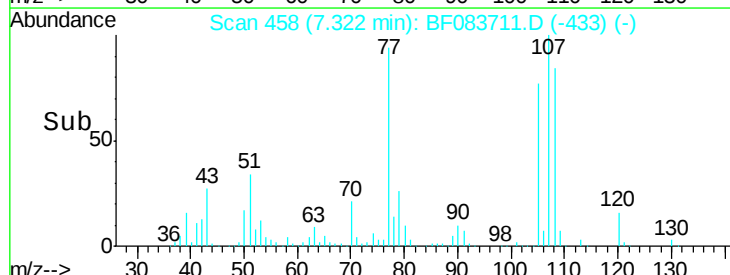
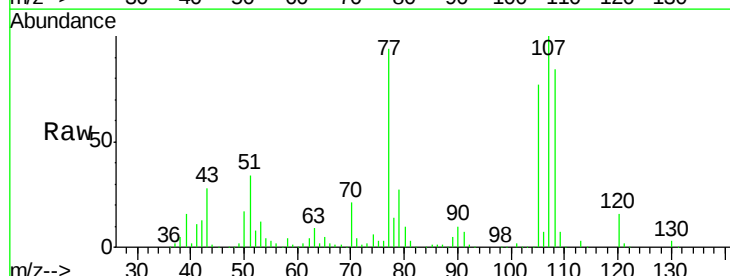
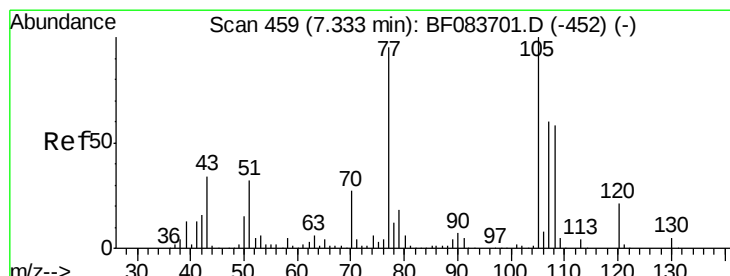
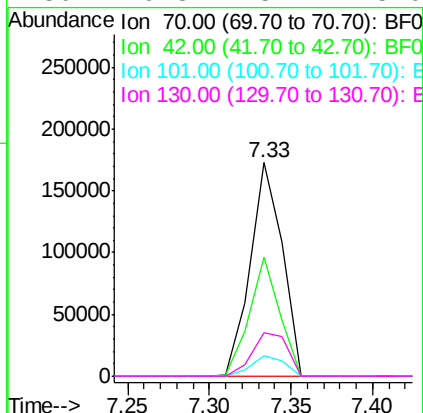




#19
n-Nitroso-di-n-propylamine
Concen: 37.42 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF083711.D
Acq: 11 Dec 2015 22:52

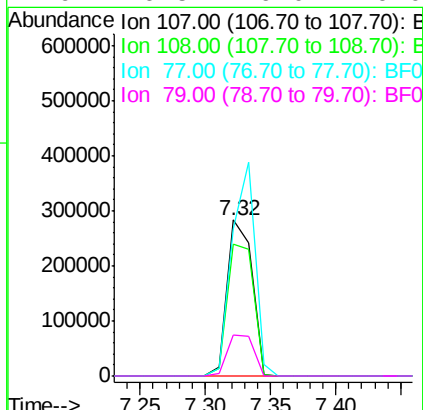
Instrument :
BNA_F
ClientSampleId :
PB87142BS

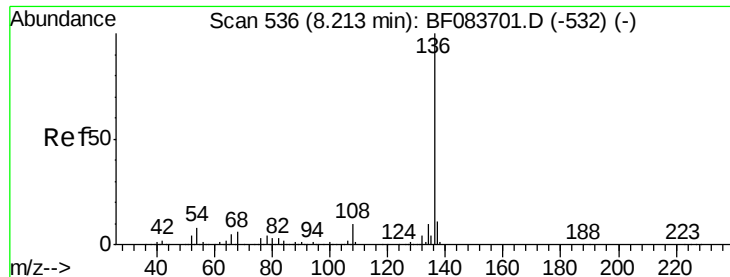
Tgt Ion:	70	Resp:	234017
Ion	Ratio	Lower	Upper
70	100		
42	56.0	49.2	73.8
101	9.4	7.1	10.7
130	20.3	15.4	23.0



#20
3+4-Methylphenols
Concen: 39.89 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF083711.D
Acq: 11 Dec 2015 22:52

Tgt Ion:	107	Resp:	376377
Ion	Ratio	Lower	Upper
107	100		
108	84.5	65.2	105.2
77	93.9	15.2	55.2#
79	26.5	6.0	46.0

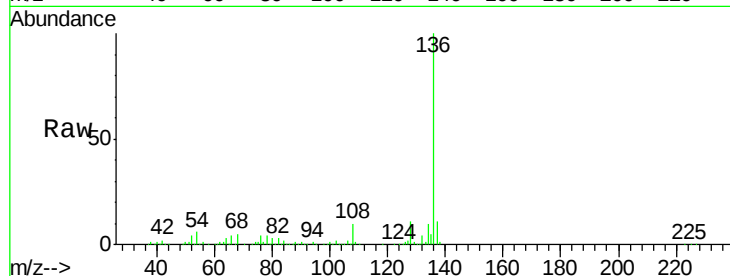




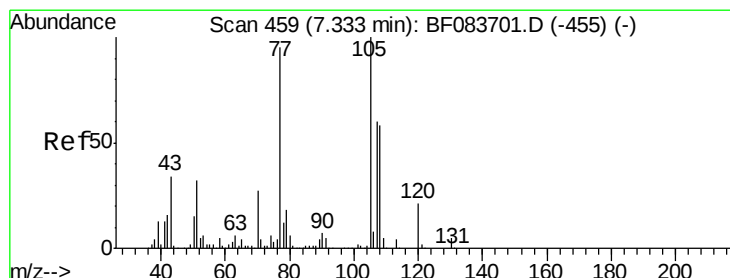
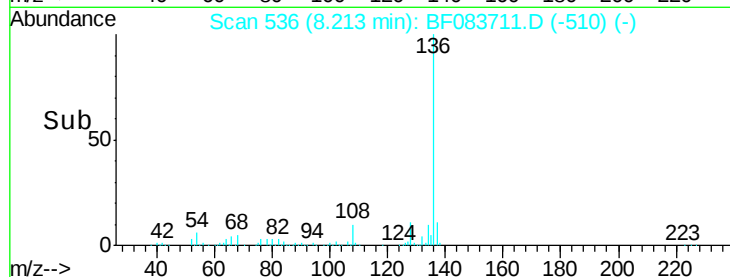
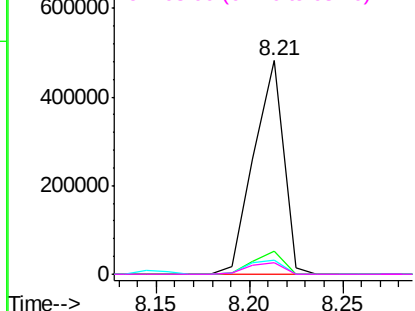
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF083711.D
Acq: 11 Dec 2015 22:52

Instrument :
BNA_F
ClientSampleId :
PB87142BS

Tgt Ion:	136	Resp:	533157
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	6.4	7.8	11.6#
68	5.1	5.7	8.5#

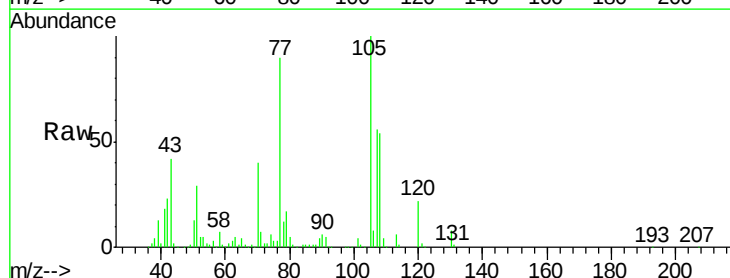


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

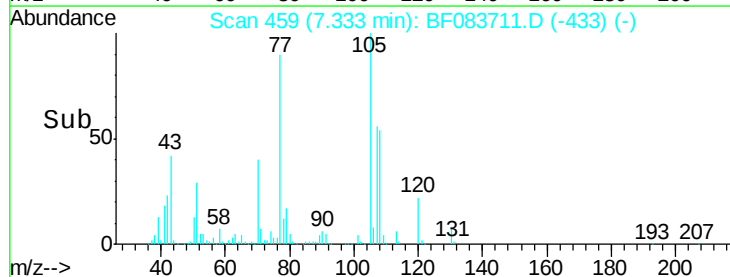
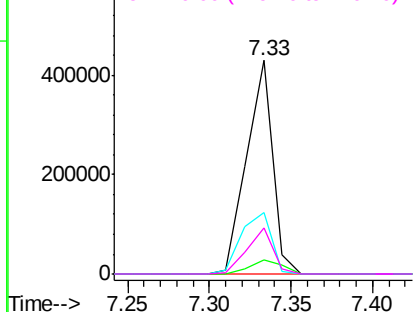


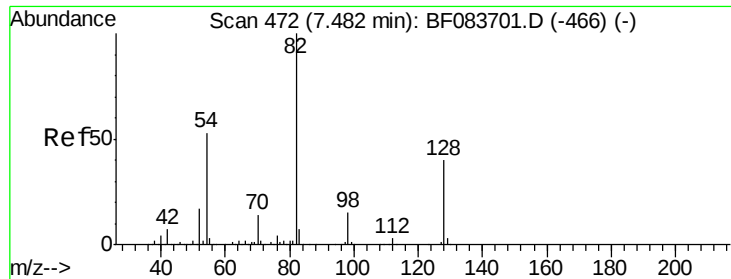
#22
Acetophenone
Concen: 37.33 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.00 min
Lab File: BF083711.D
Acq: 11 Dec 2015 22:52

Tgt Ion:	105	Resp:	475796
Ion	Ratio	Lower	Upper
105	100		
71	6.7	1.3	1.9#
51	28.6	23.8	35.8
120	21.5	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

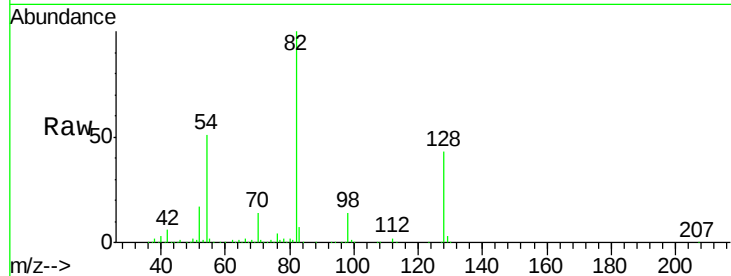




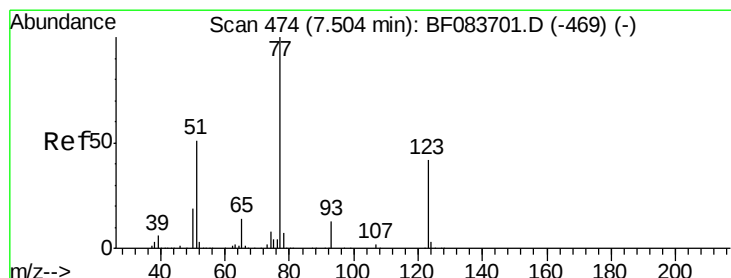
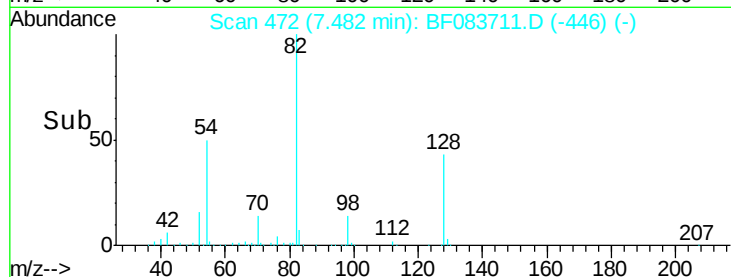
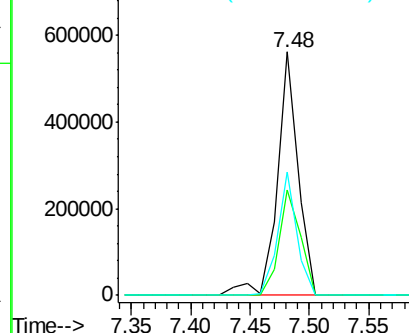
#23
 Nitrobenzene-d5
 Concen: 86.98 ng
 RT: 7.48 min Scan# 472
 Delta R.T. 0.00 min
 Lab File: BF083711.D
 Acq: 11 Dec 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :
 PB87142BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.4	30.7	46.1
54	50.6	42.5	63.7

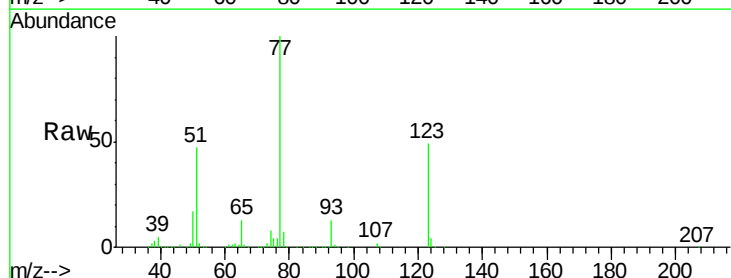


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

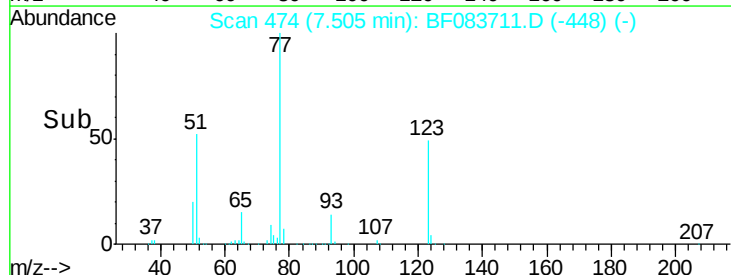
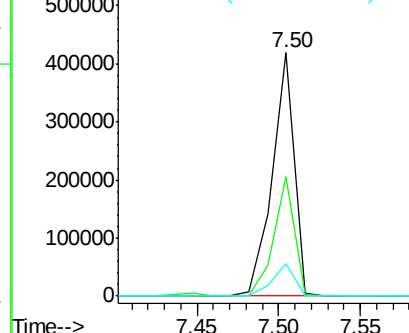


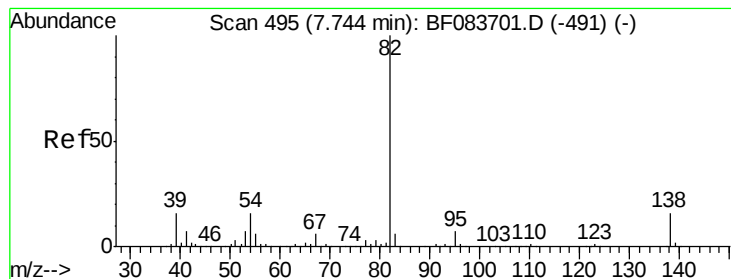
#24
 Nitrobenzene
 Concen: 44.72 ng
 RT: 7.50 min Scan# 474
 Delta R.T. 0.00 min
 Lab File: BF083711.D
 Acq: 11 Dec 2015 22:52

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.1	29.8	44.6#
65	13.1	11.1	16.7



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





#25

Isophorone

Concen: 37.79 ng

RT: 7.74 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

Instrument :

BNA_F

ClientSampleId :

PB87142BS

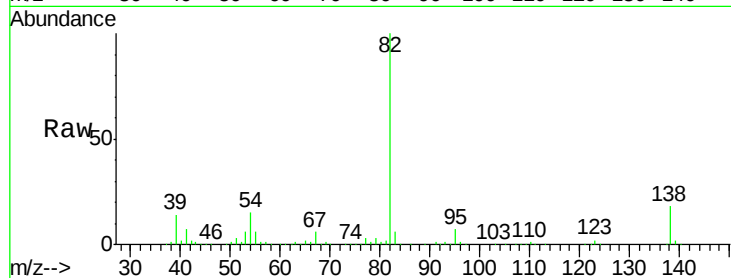
Tgt Ion: 82 Resp: 664025

Ion Ratio Lower Upper

82 100

95 7.1 5.0 7.4

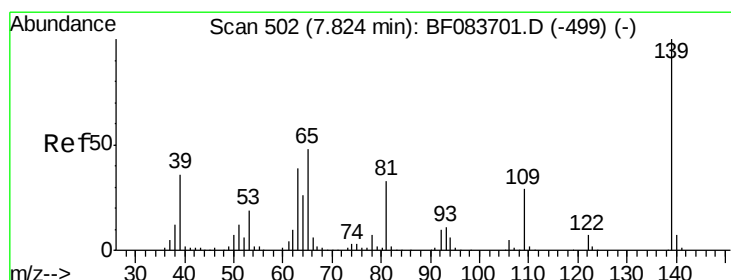
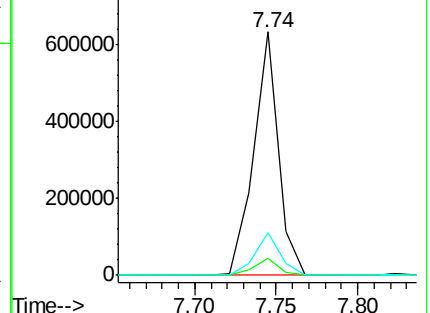
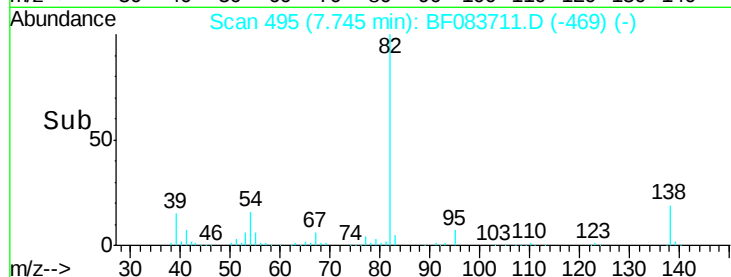
138 17.7 12.1 18.1



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 49.90 ng

RT: 7.82 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

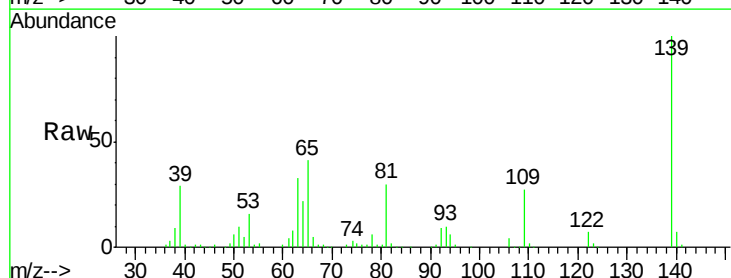
Tgt Ion: 139 Resp: 180777

Ion Ratio Lower Upper

139 100

109 27.4 22.7 34.1

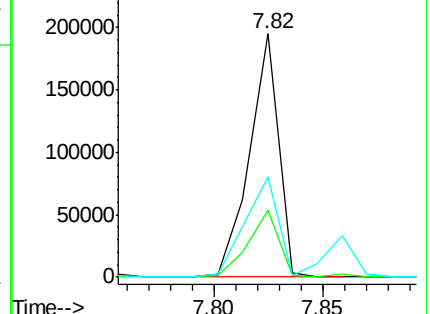
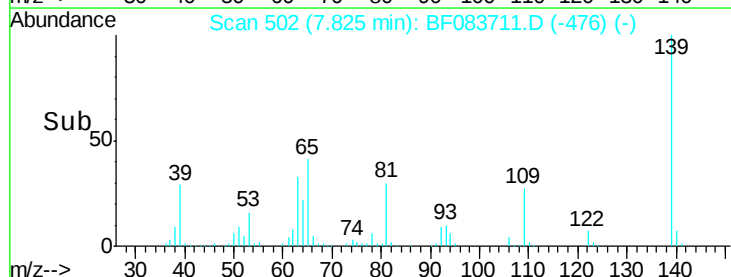
65 41.3 51.8 77.8#

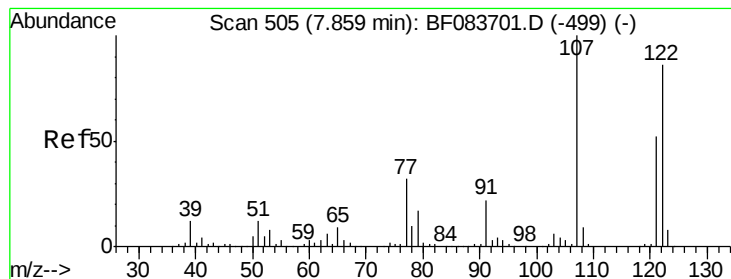


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 40.49 ng

RT: 7.86 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

Instrument :

BNA_F

ClientSampleId :

PB87142BS

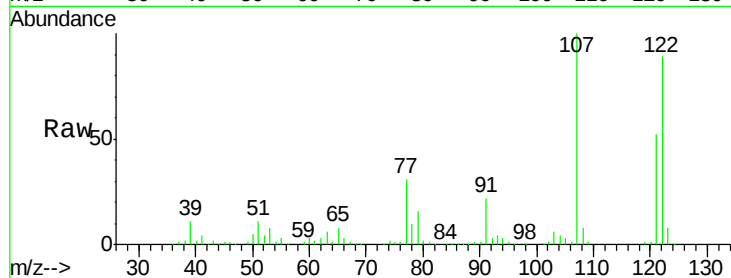
Tgt Ion:122 Resp: 356737

Ion Ratio Lower Upper

122 100

107 112.9 92.4 138.6

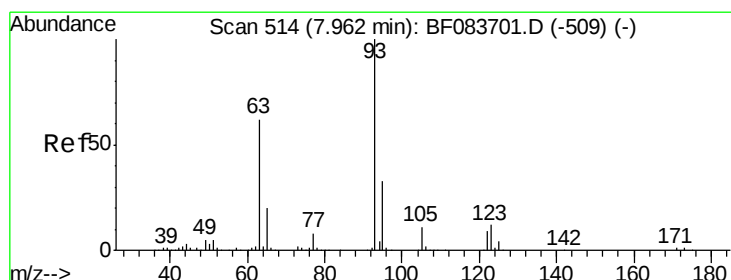
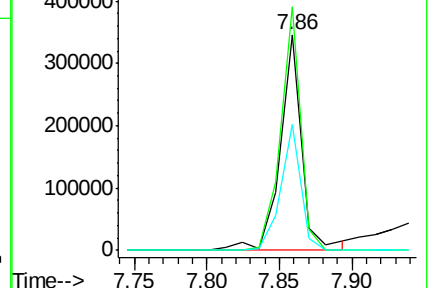
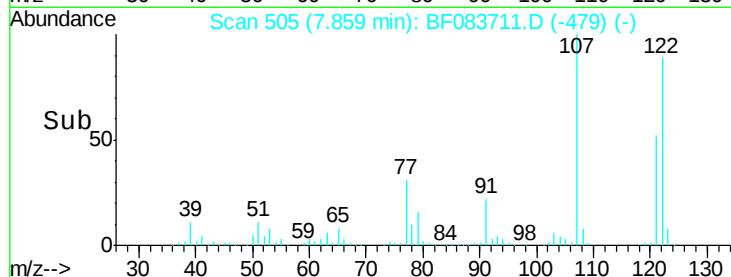
121 58.6 45.8 68.6



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: 41.60 ng

RT: 7.96 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

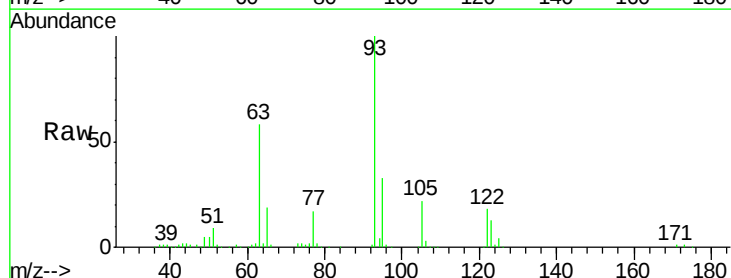
Tgt Ion: 93 Resp: 417975

Ion Ratio Lower Upper

93 100

95 33.5 25.6 38.4

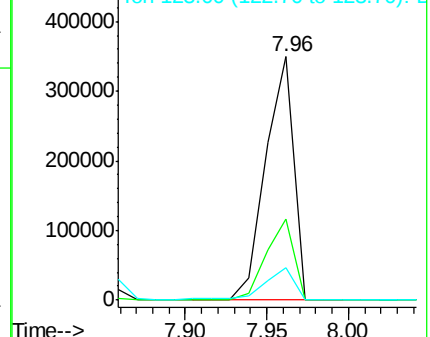
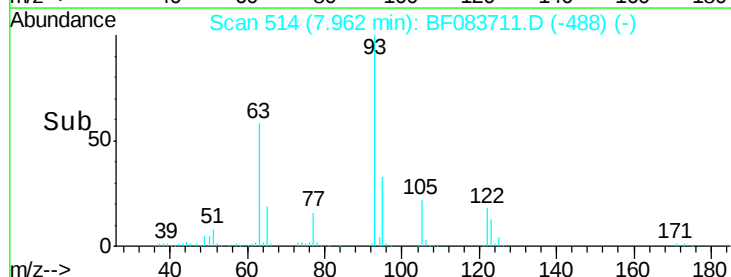
123 13.4 7.3 10.9#

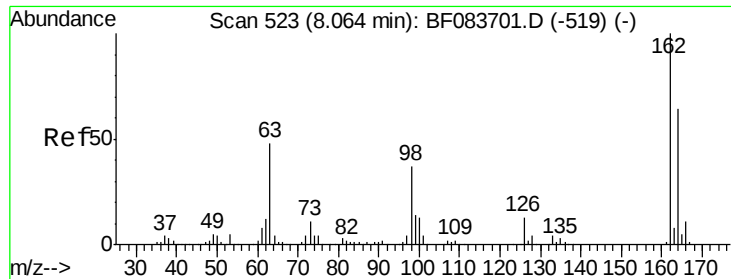


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

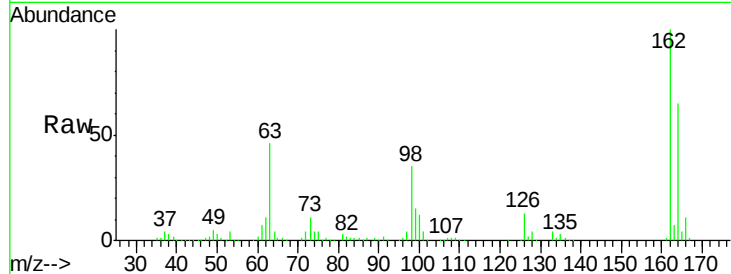




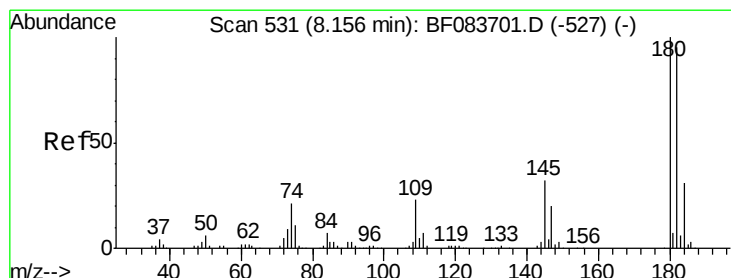
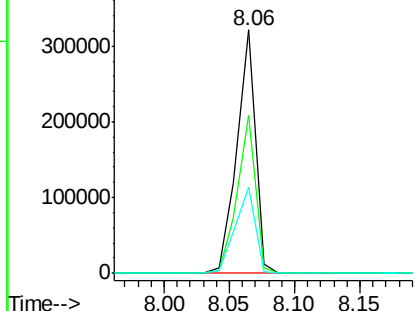
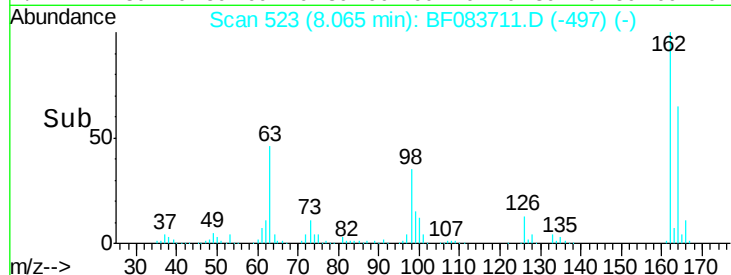
#29
 2,4-Dichlorophenol
 Concen: 43.39 ng
 RT: 8.06 min Scan# 523
 Delta R.T. 0.00 min
 Lab File: BF083711.D
 Acq: 11 Dec 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :
 PB87142BS

Tgt Ion:162 Resp: 316073
 Ion Ratio Lower Upper
 162 100
 164 64.9 43.4 83.4
 98 35.5 17.5 57.5

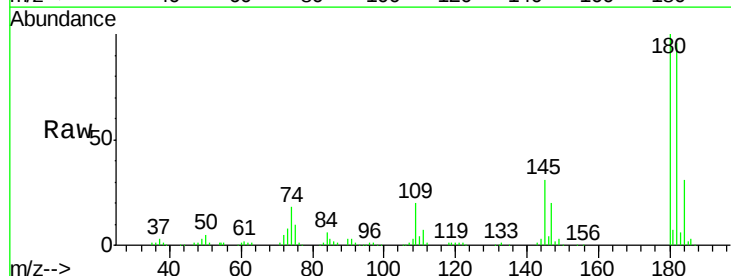


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

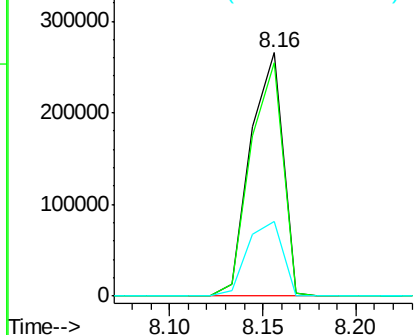
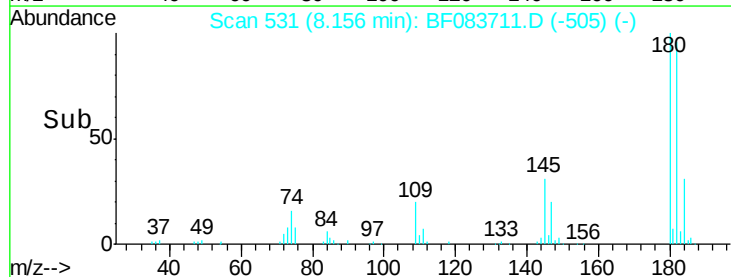


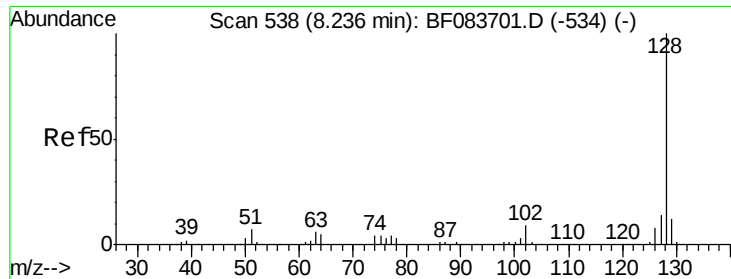
#30
 1,2,4-Trichlorobenzene
 Concen: 39.72 ng
 RT: 8.16 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: BF083711.D
 Acq: 11 Dec 2015 22:52

Tgt Ion:180 Resp: 320786
 Ion Ratio Lower Upper
 180 100
 182 95.6 74.9 112.3
 145 30.6 24.7 37.1



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

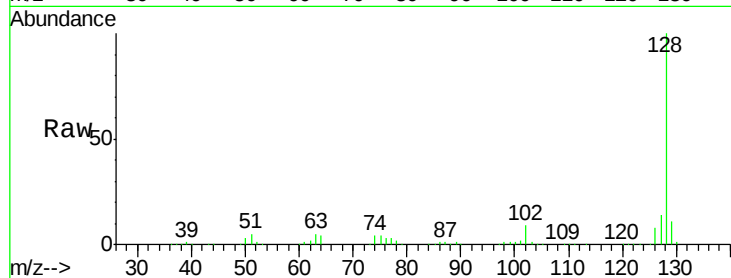




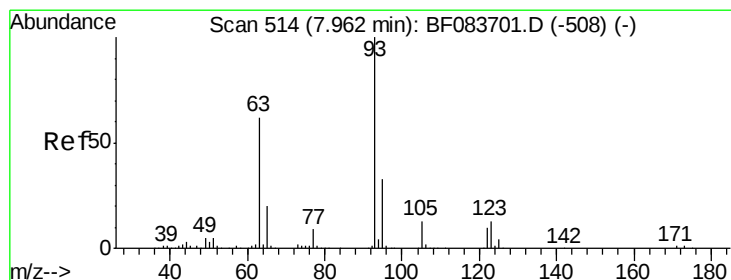
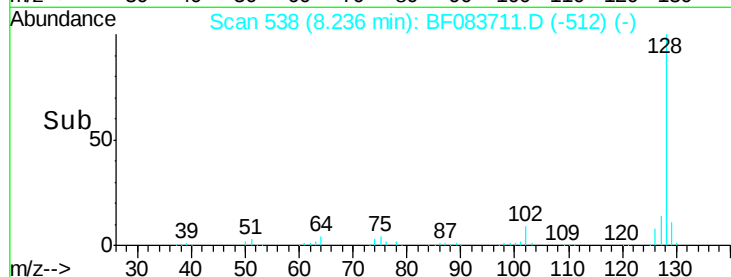
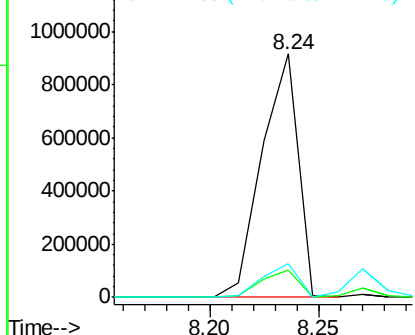
#31
Naphthalene
Concen: 40.88 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF083711.D
Acq: 11 Dec 2015 22:52

Instrument :
BNA_F
ClientSampleId :
PB87142BS

Tgt Ion:128 Resp: 1075949
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.9 10.6 16.0

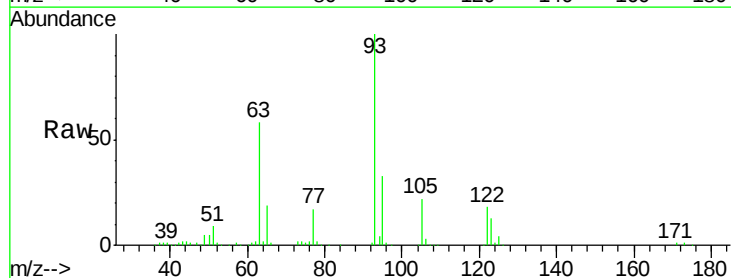


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

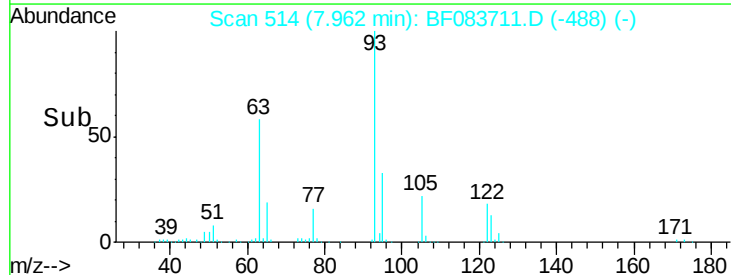
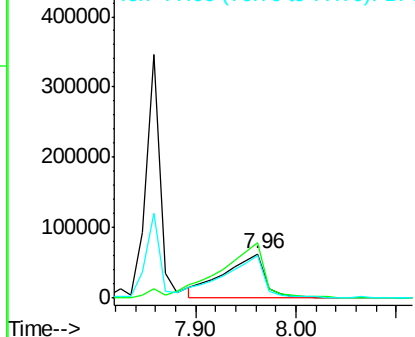


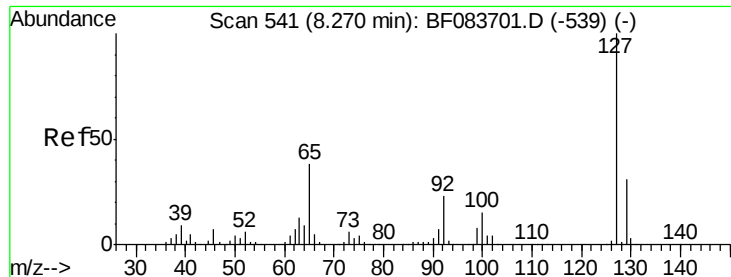
#32
Benzoic acid
Concen: 38.21 ng
RT: 7.96 min Scan# 514
Delta R.T. 0.00 min
Lab File: BF083711.D
Acq: 11 Dec 2015 22:52

Tgt Ion:122 Resp: 177817
Ion Ratio Lower Upper
122 100
105 123.2 105.6 145.6
77 94.4 86.8 126.8



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

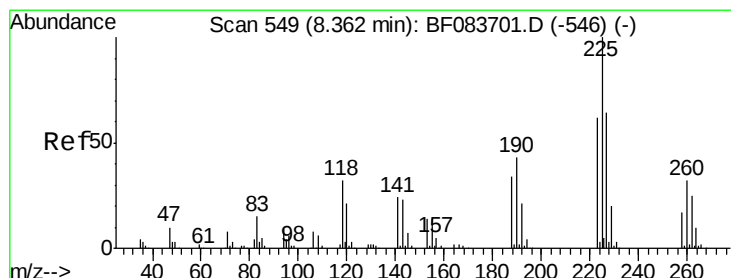
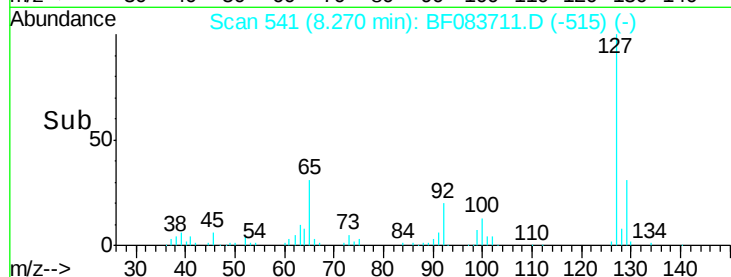
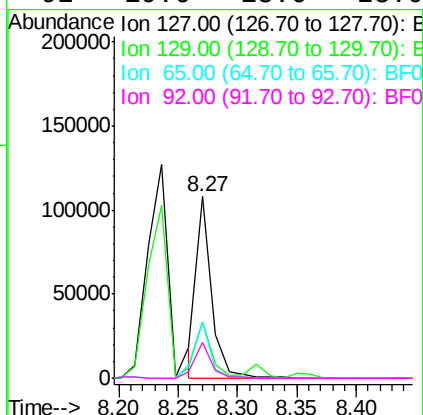
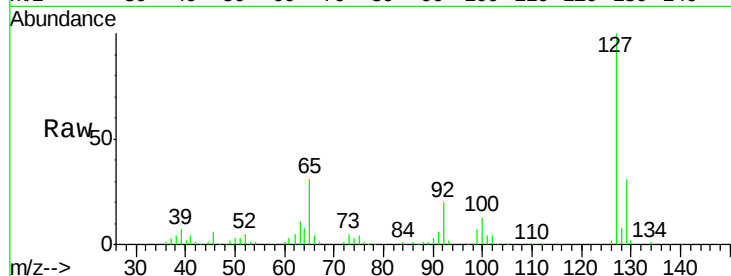




#33
4-Chloroaniline
Concen: 8.95 ng
RT: 8.27 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF083711.D
Acq: 11 Dec 2015 22:52

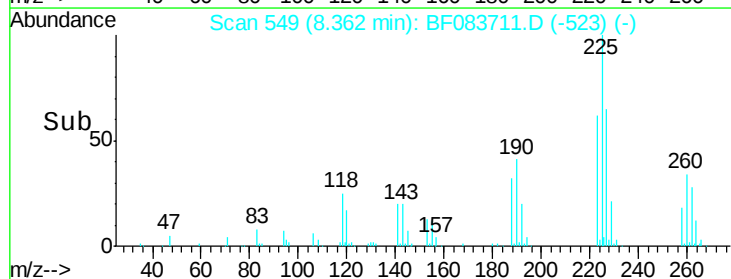
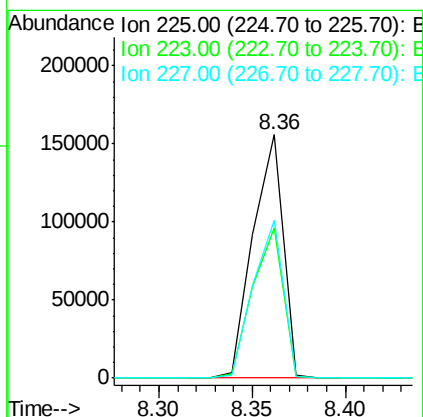
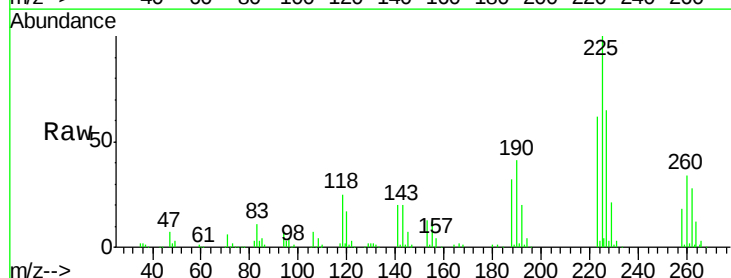
Instrument :
BNA_F
ClientSampleId :
PB87142BS

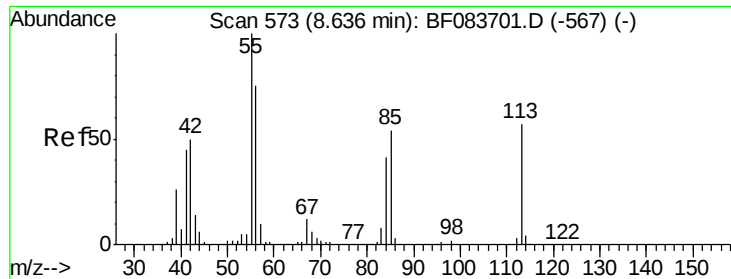
Tgt Ion:	127	Resp:	97979
Ion	Ratio	Lower	Upper
127	100		
129	31.1	26.1	39.1
65	31.0	33.5	50.3#
92	19.6	18.6	28.0



#34
Hexachlorobutadiene
Concen: 38.82 ng
RT: 8.36 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF083711.D
Acq: 11 Dec 2015 22:52

Tgt Ion:	225	Resp:	174252
Ion	Ratio	Lower	Upper
225	100		
223	61.6	52.3	78.5
227	64.9	50.4	75.6

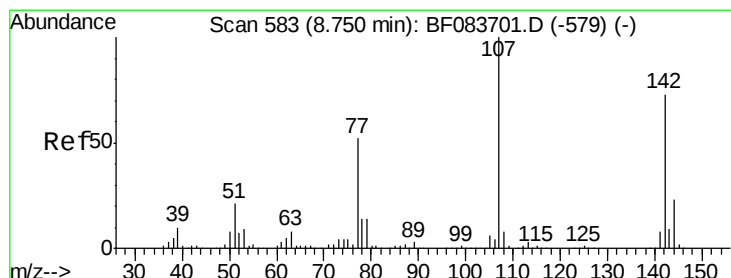
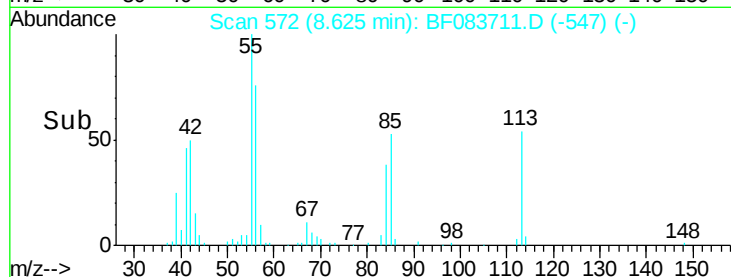
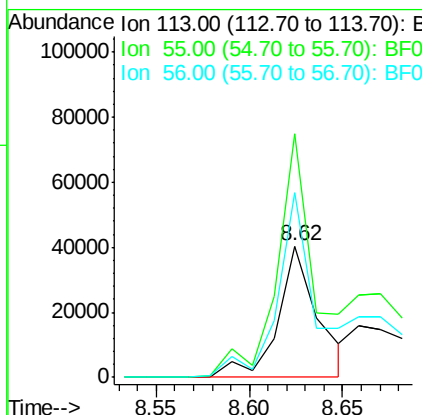
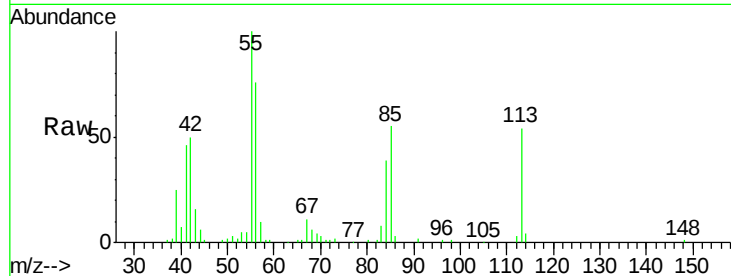




#35
 Caprolactam
 Concen: 25.57 ng
 RT: 8.62 min Scan# 572
 Delta R.T. -0.01 min
 Lab File: BF083711.D
 Acq: 11 Dec 2015 22:52

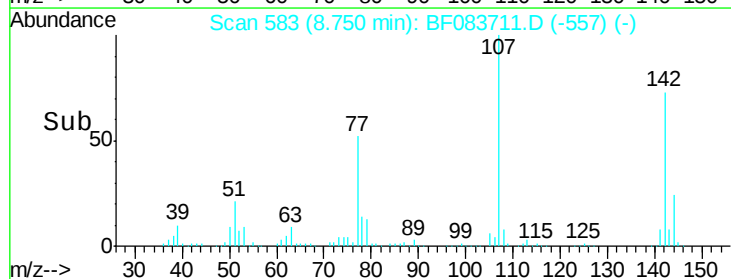
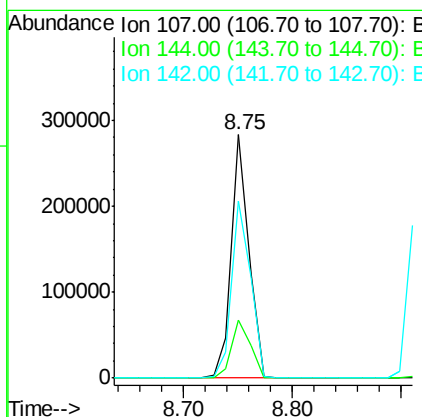
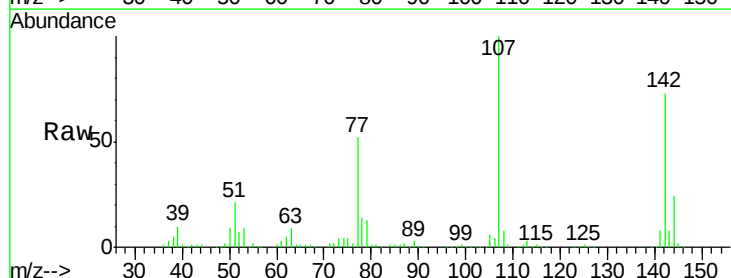
Instrument :
 BNA_F
 ClientSampleId :
 PB87142BS

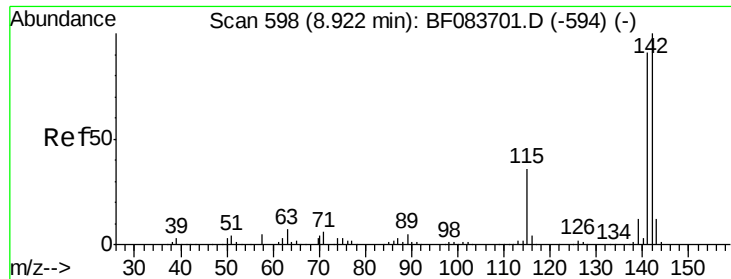
Tgt Ion:113 Resp: 59872
 Ion Ratio Lower Upper
 113 100
 55 185.5 189.7 229.7#
 56 141.1 130.7 170.7



#36
 4-Chloro-3-methylphenol
 Concen: 39.68 ng
 RT: 8.75 min Scan# 583
 Delta R.T. 0.00 min
 Lab File: BF083711.D
 Acq: 11 Dec 2015 22:52

Tgt Ion:107 Resp: 316444
 Ion Ratio Lower Upper
 107 100
 144 23.7 17.5 26.3
 142 72.9 53.6 80.4

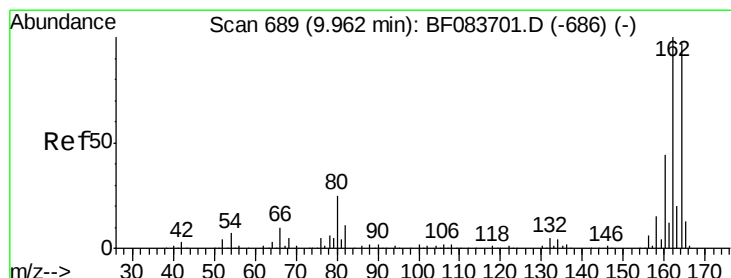
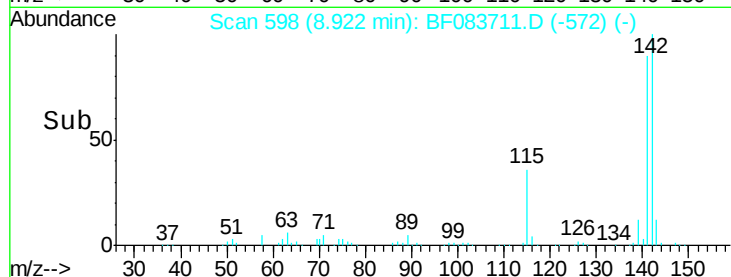
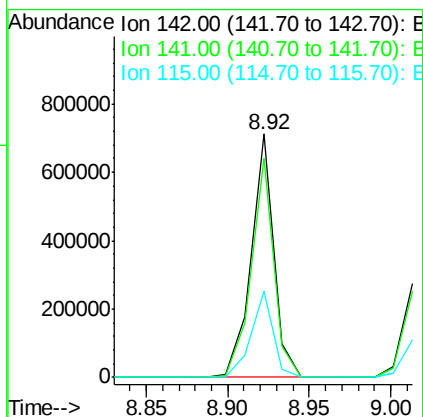
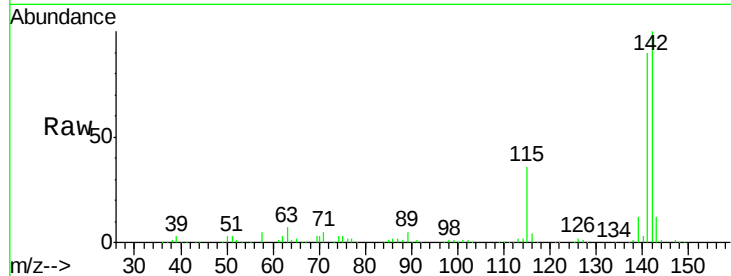




#37
 2-Methylnaphthalene
 Concen: 41.23 ng
 RT: 8.92 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF083711.D
 Acq: 11 Dec 2015 22:52

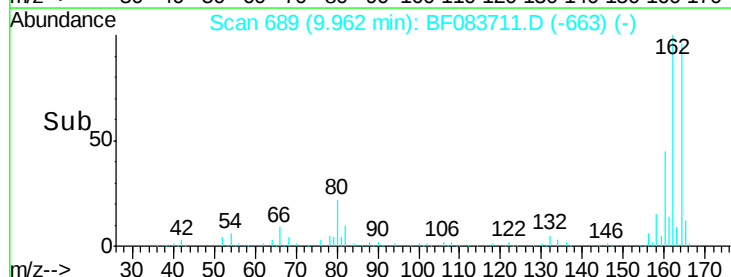
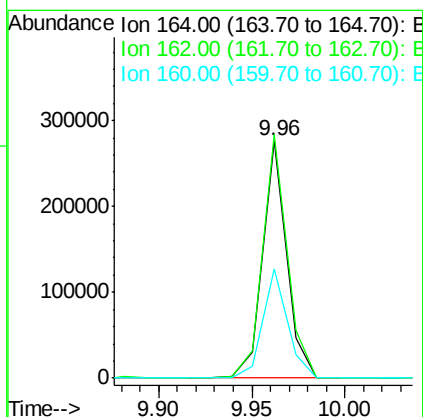
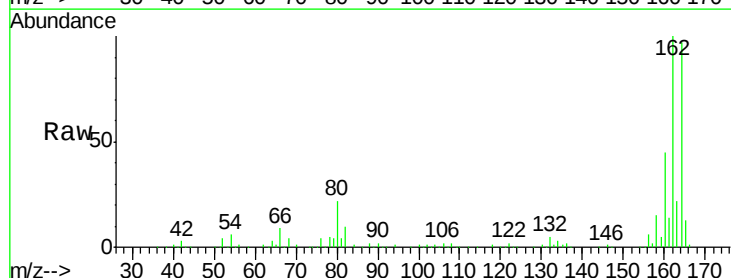
Instrument :
 BNA_F
 ClientSampleId :
 PB87142BS

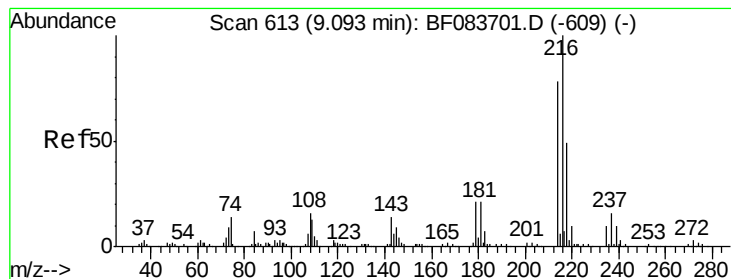
Tgt Ion:142 Resp: 684619
 Ion Ratio Lower Upper
 142 100
 141 90.3 70.3 105.5
 115 35.5 29.2 43.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.96 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: BF083711.D
 Acq: 11 Dec 2015 22:52

Tgt Ion:164 Resp: 243083
 Ion Ratio Lower Upper
 164 100
 162 102.6 78.8 118.2
 160 45.9 33.4 50.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.36 ng

RT: 9.09 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

Instrument :

BNA_F

ClientSampleId :

PB87142BS

Tgt Ion:216 Resp: 306036

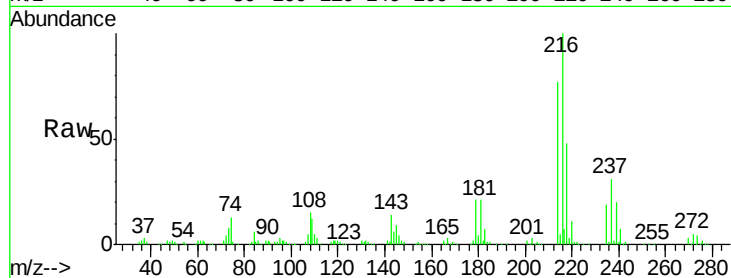
Ion Ratio Lower Upper

216 100

214 77.9 0.0 0.0#

179 22.0 0.0 0.0#

108 21.0 0.0 0.0#

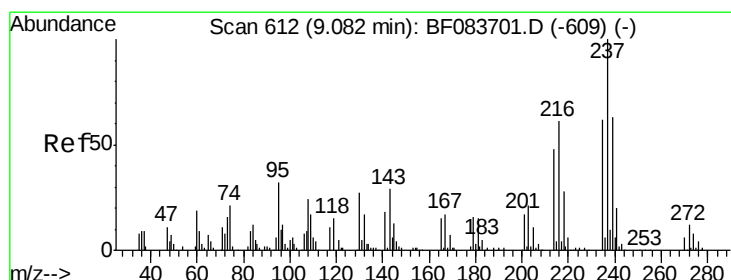
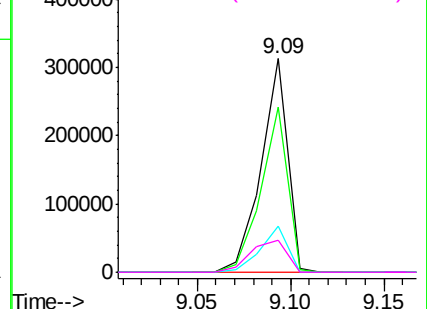
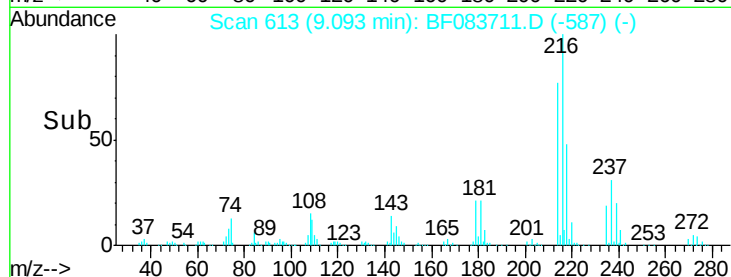


Abundance Ion 216.00 (215.70 to 216.70): E

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: 85.83 ng

RT: 9.08 min Scan# 612

Delta R.T. 0.00 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

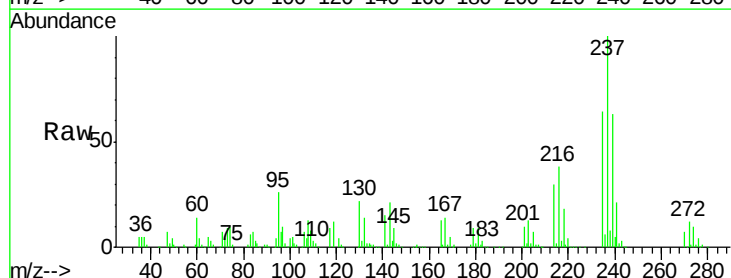
Tgt Ion:237 Resp: 307941

Ion Ratio Lower Upper

237 100

235 64.2 43.9 83.9

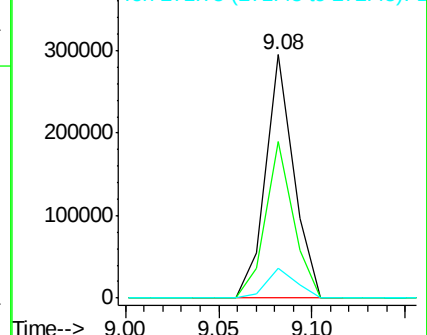
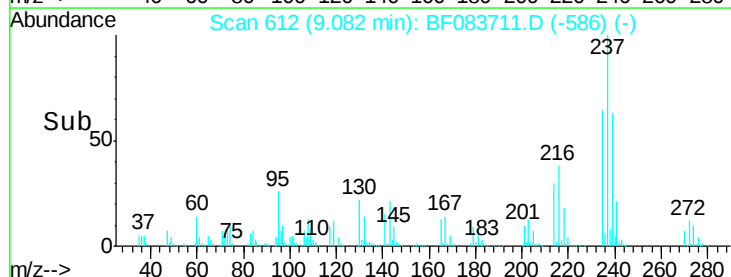
272 12.3 0.0 31.8

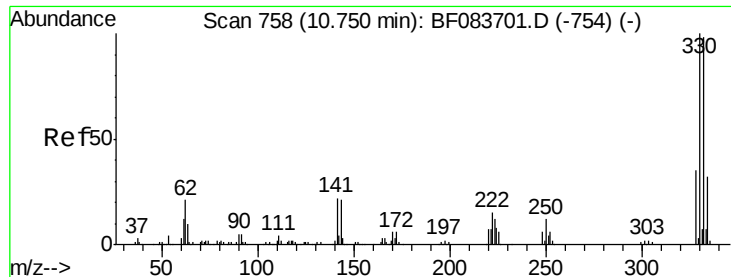


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

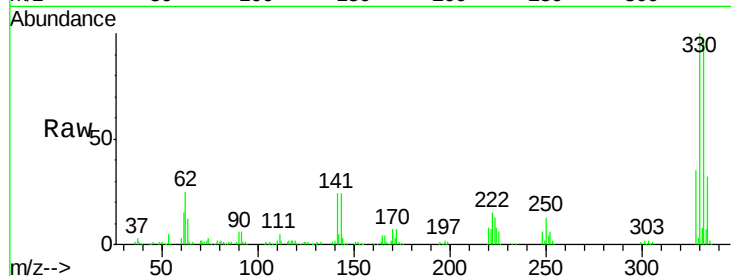




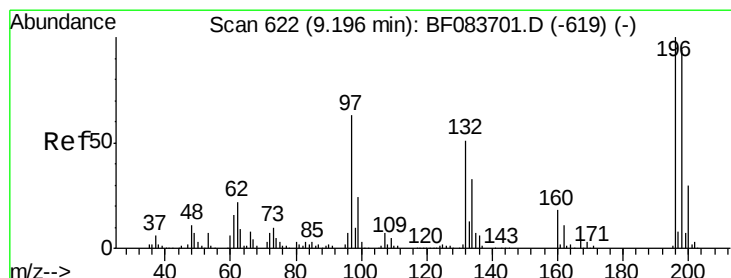
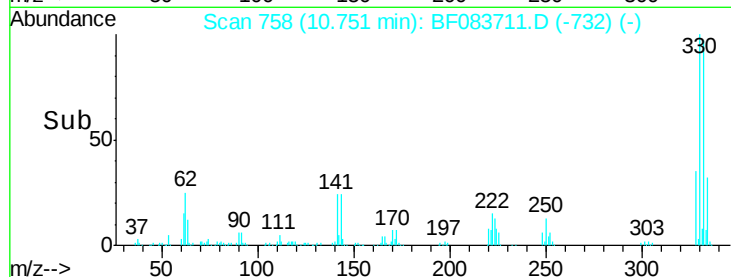
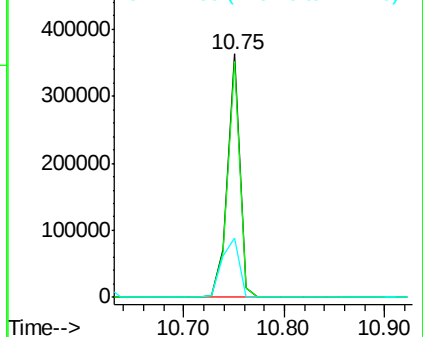
#41
 2,4,6-Tribromophenol
 Concen: 132.19 ng
 RT: 10.75 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF083711.D
 Acq: 11 Dec 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :
 PB87142BS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	33.9	0.0	0.0#

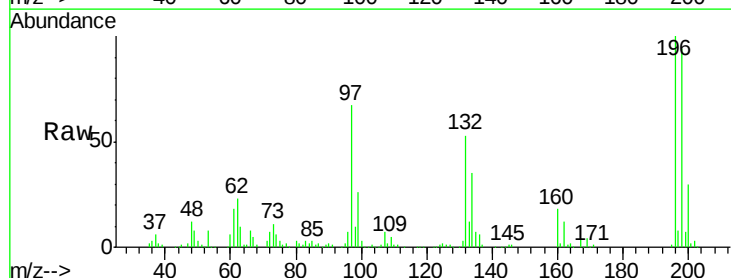


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

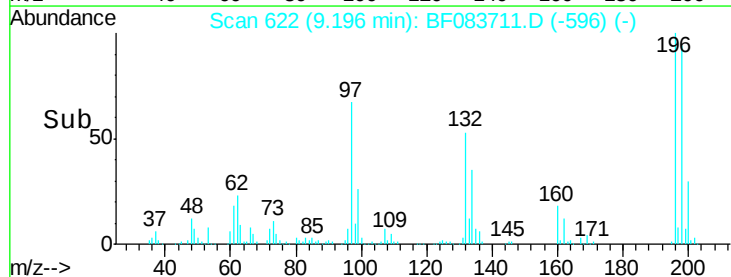
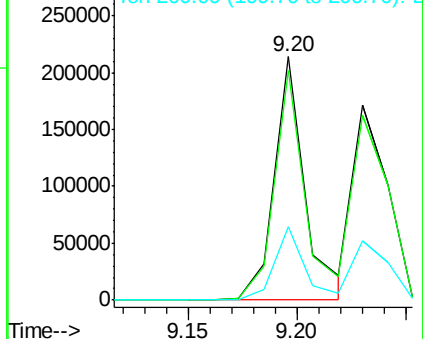


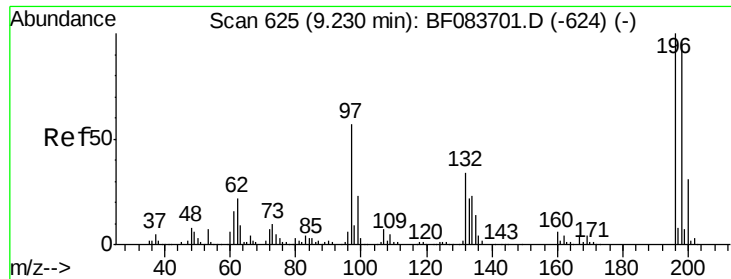
#42
 2,4,6-Trichlorophenol
 Concen: 40.74 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF083711.D
 Acq: 11 Dec 2015 22:52

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.2	75.2	112.8
200	30.2	23.0	34.6



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

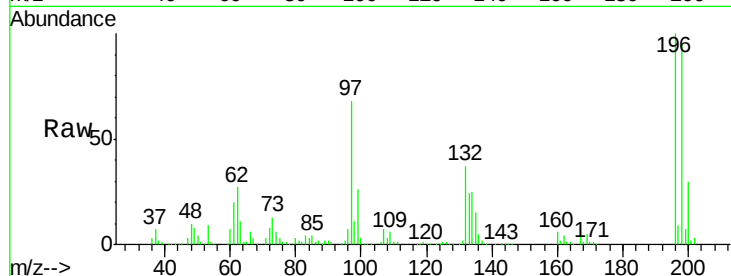




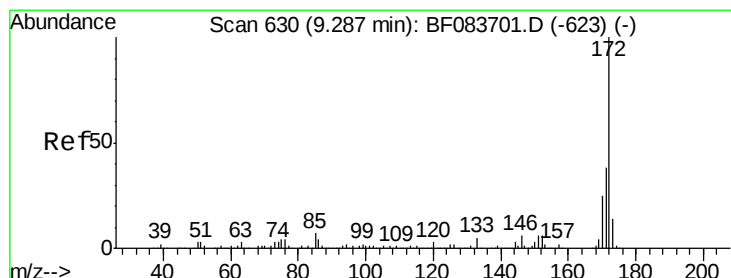
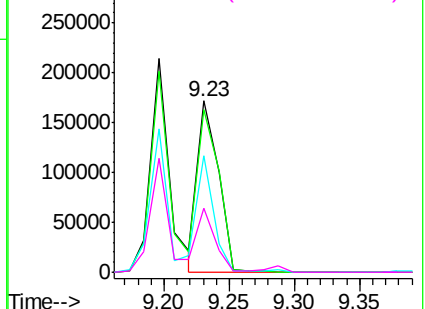
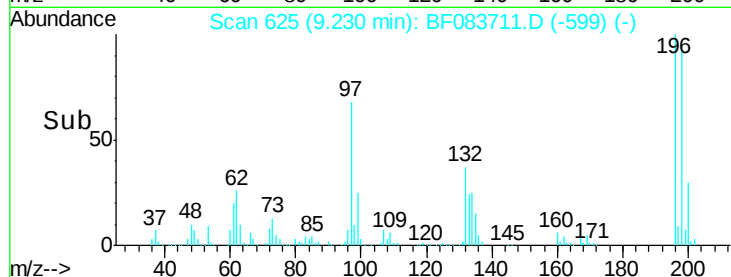
#43
 2,4,5-Trichlorophenol
 Concen: 38.15 ng
 RT: 9.23 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF083711.D
 Acq: 11 Dec 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :
 PB87142BS

Tgt Ion:196 Resp: 191281
 Ion Ratio Lower Upper
 196 100
 198 94.8 77.7 116.5
 97 67.8 41.2 61.8#
 132 37.0 21.8 32.8#

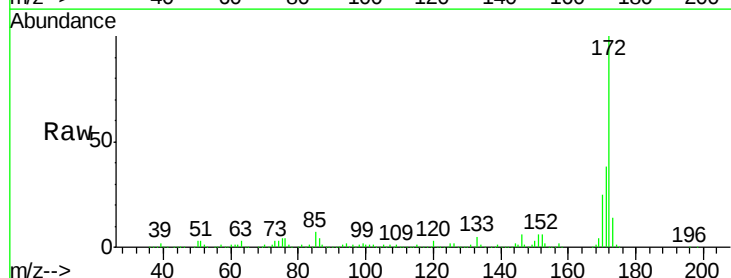


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

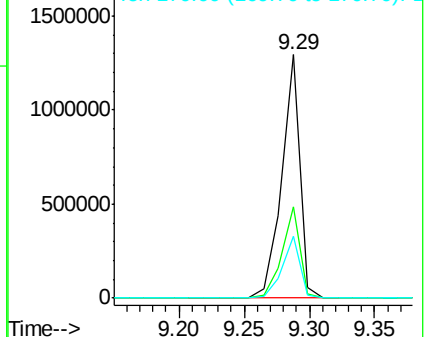
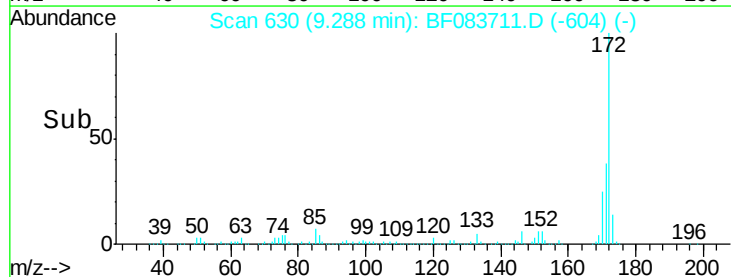


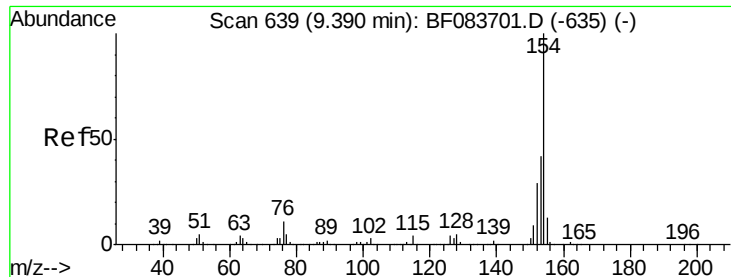
#44
 2-Fluorobiphenyl
 Concen: 76.60 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF083711.D
 Acq: 11 Dec 2015 22:52

Tgt Ion:172 Resp: 1264112
 Ion Ratio Lower Upper
 172 100
 171 37.6 28.6 42.8
 170 25.3 19.4 29.0



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

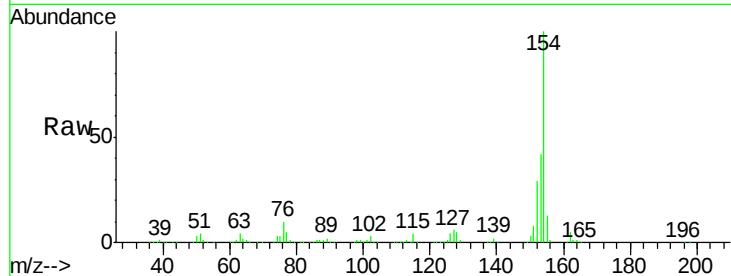




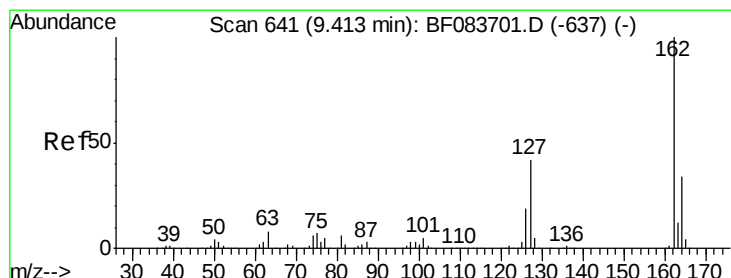
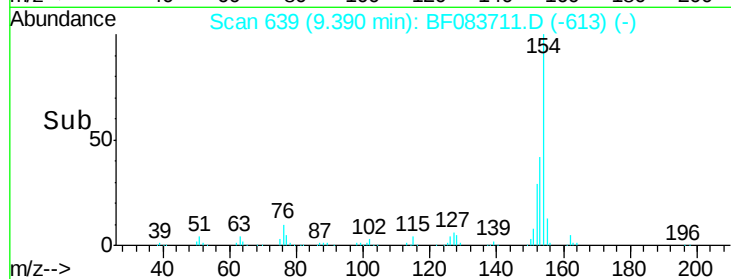
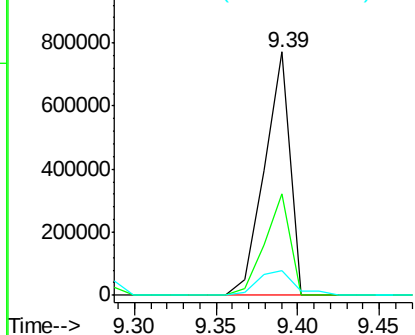
#45
 1,1'-Biphenyl
 Concen: 39.46 ng
 RT: 9.39 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF083711.D
 Acq: 11 Dec 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :
 PB87142BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	20.2	60.2
76	10.2	0.0	34.8

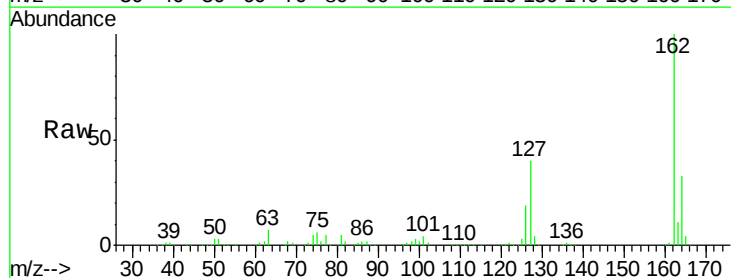


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

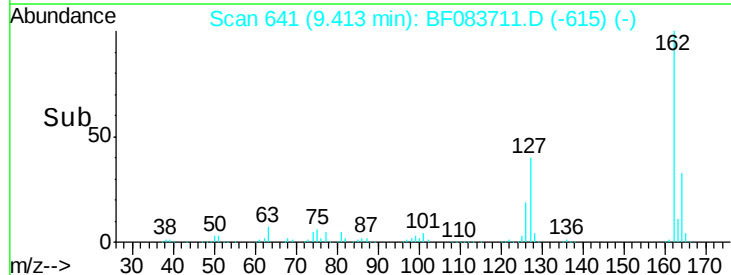
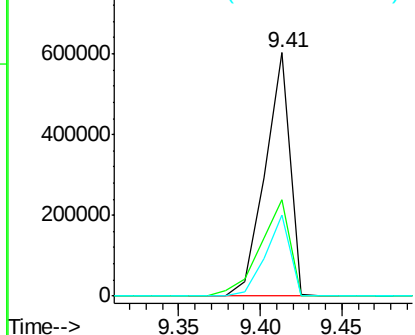


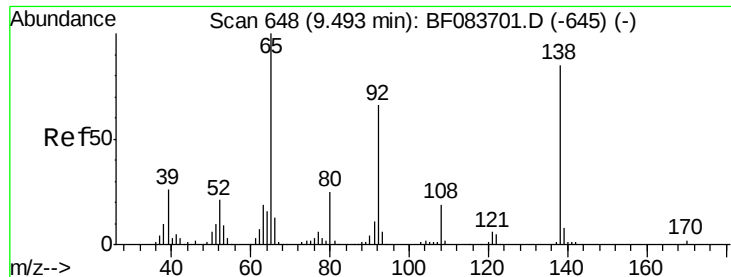
#46
 2-Chloronaphthalene
 Concen: 40.19 ng
 RT: 9.41 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF083711.D
 Acq: 11 Dec 2015 22:52

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.7	31.0	46.4
164	33.4	27.4	41.0



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

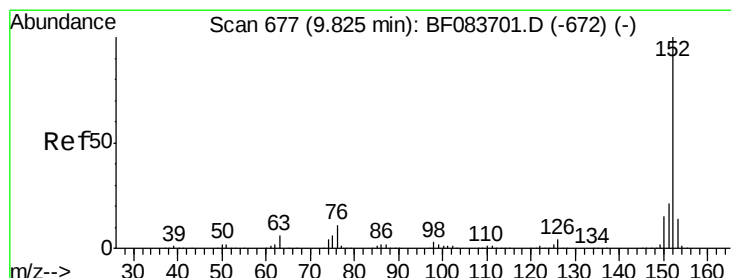
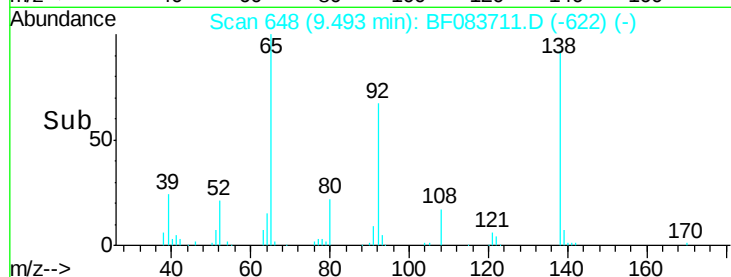
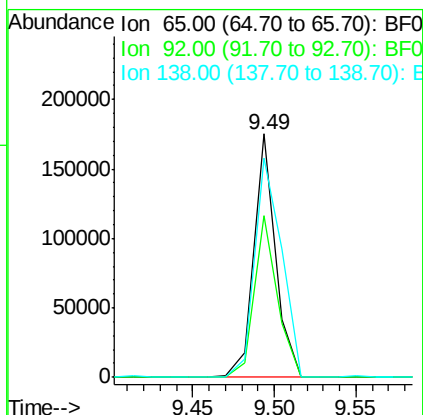
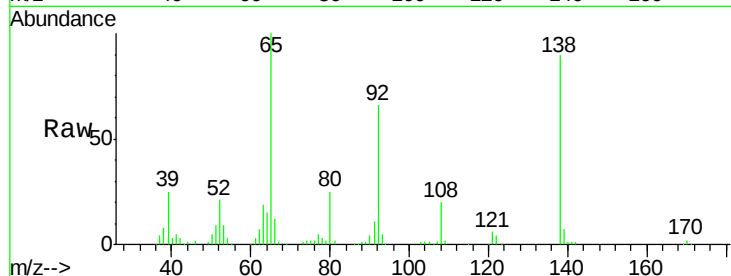




#47
2-Nitroaniline
Concen: 41.35 ng
RT: 9.49 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF083711.D
Acq: 11 Dec 2015 22:52

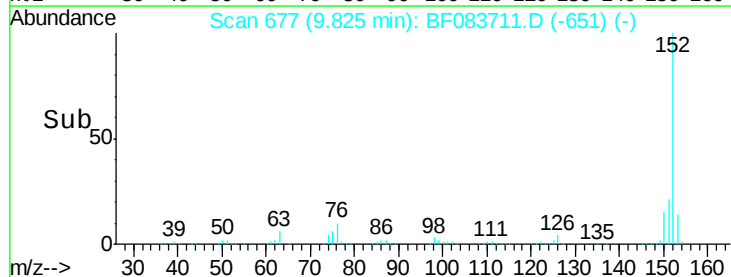
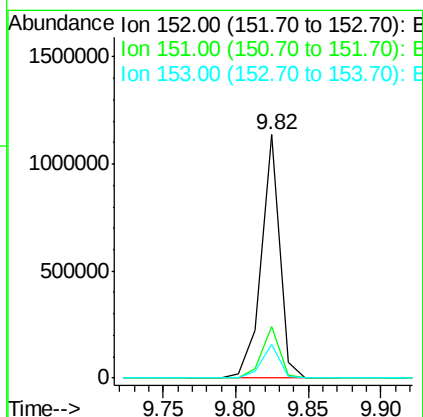
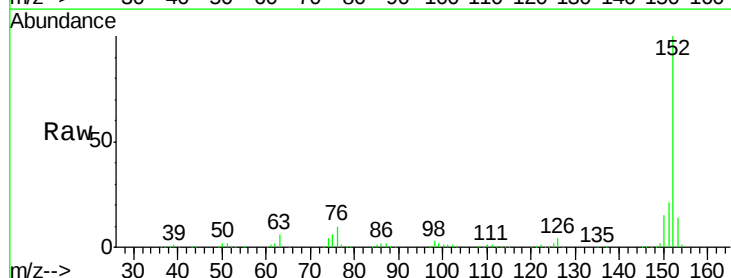
Instrument :
BNA_F
ClientSampleId :
PB87142BS

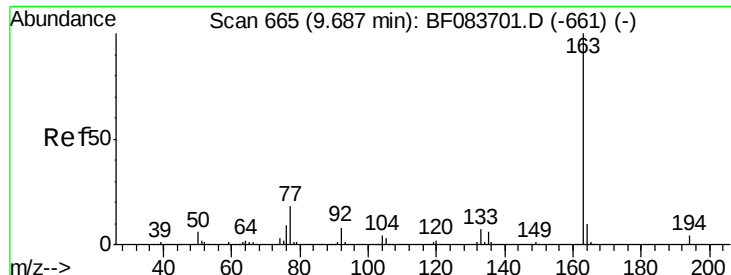
Tgt Ion: 65 Resp: 162080
Ion Ratio Lower Upper
65 100
92 66.4 49.6 74.4
138 90.2 64.1 96.1



#48
Acenaphthylene
Concen: 37.94 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF083711.D
Acq: 11 Dec 2015 22:52

Tgt Ion: 152 Resp: 999145
Ion Ratio Lower Upper
152 100
151 21.3 16.3 24.5
153 13.7 10.8 16.2





#49

Dimethylphthalate

Concen: 40.34 ng

RT: 9.69 min Scan# 665

Delta R.T. 0.00 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

Instrument :

BNA_F

ClientSampleId :

PB87142BS

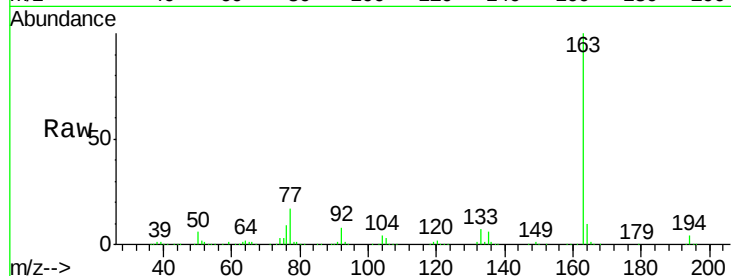
Tgt Ion:163 Resp: 754393

Ion Ratio Lower Upper

163 100

194 3.9 2.8 4.2

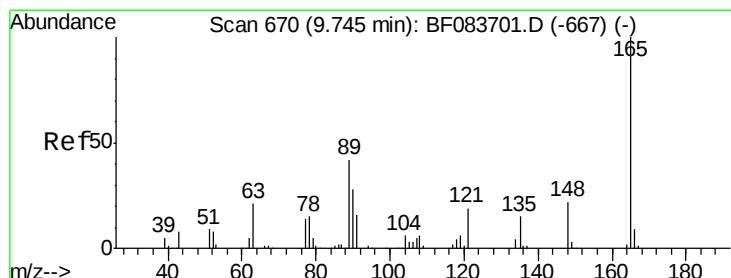
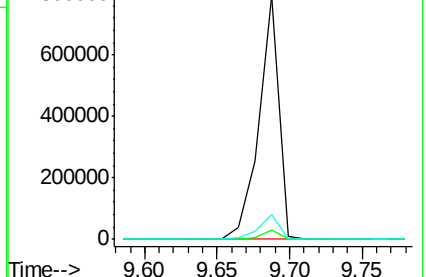
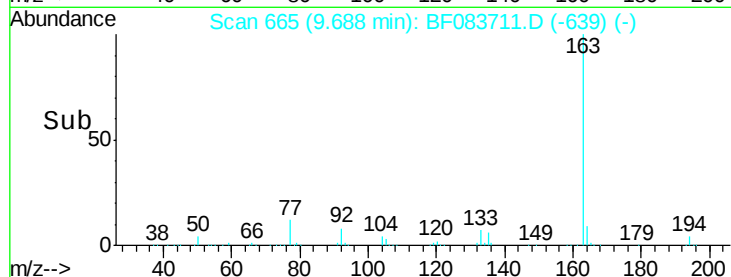
164 10.3 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 45.23 ng

RT: 9.74 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

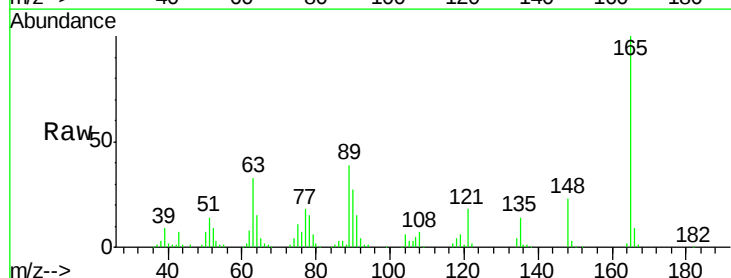
Tgt Ion:165 Resp: 164251

Ion Ratio Lower Upper

165 100

63 32.6 56.9 85.3#

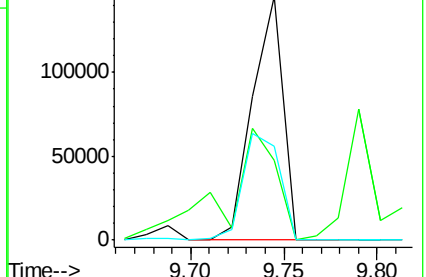
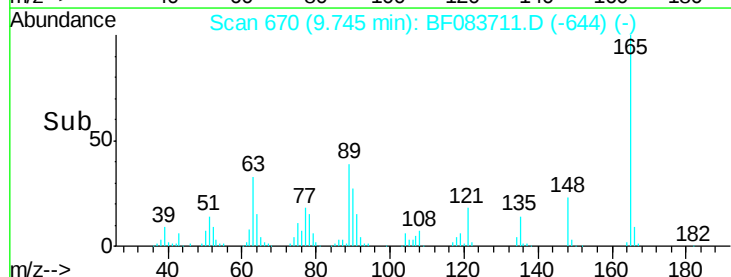
89 38.7 52.1 78.1#

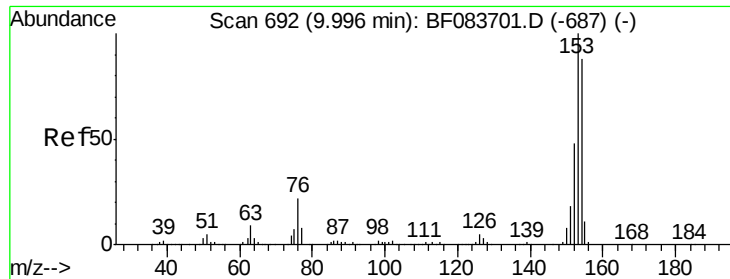


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.73 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

Instrument :

BNA_F

ClientSampleId :

PB87142BS

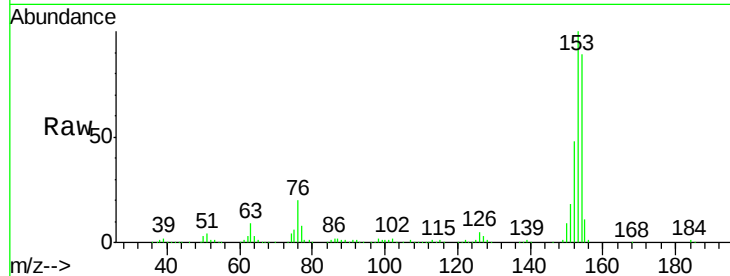
Tgt Ion:154 Resp: 635009

Ion Ratio Lower Upper

154 100

153 112.6 91.4 137.0

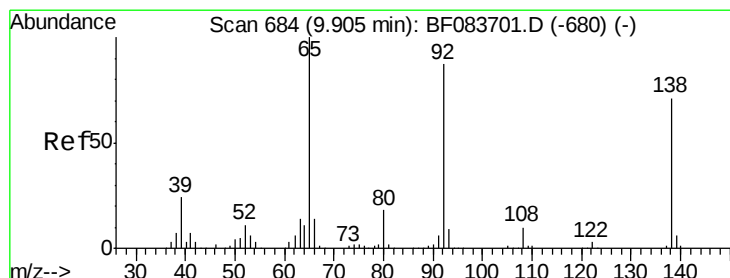
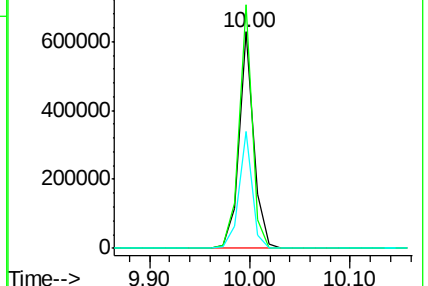
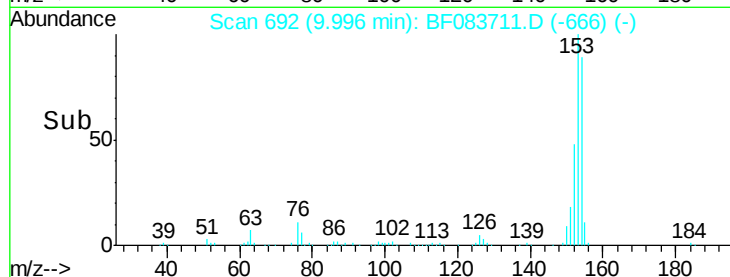
152 54.3 43.4 65.2



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: 21.18 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

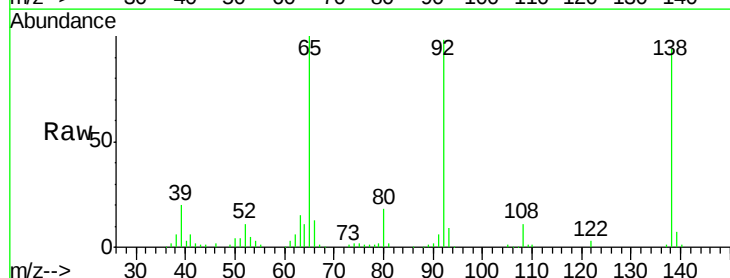
Tgt Ion:138 Resp: 86247

Ion Ratio Lower Upper

138 100

108 11.5 9.9 14.9

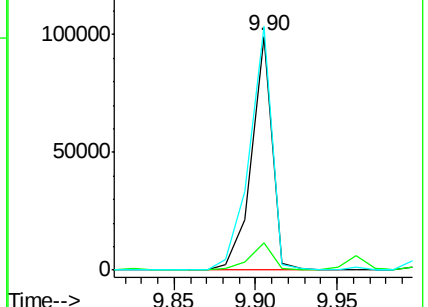
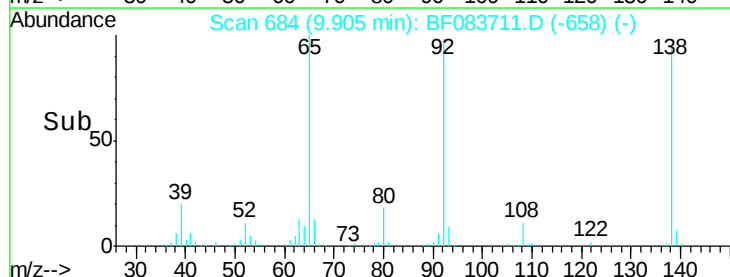
92 104.2 113.8 170.8#

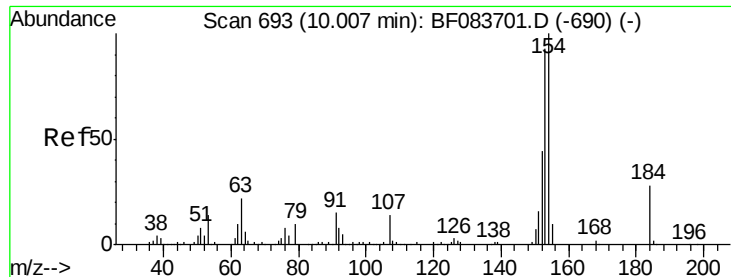


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

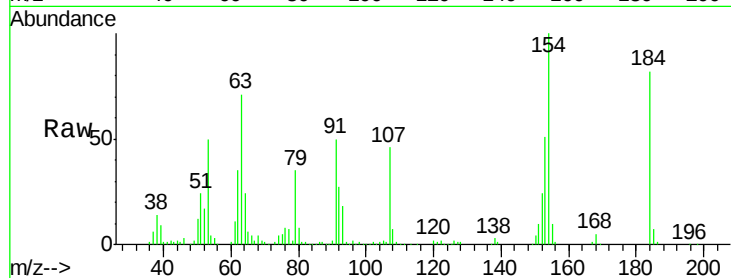




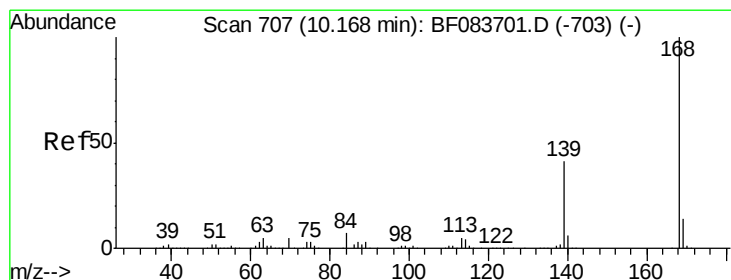
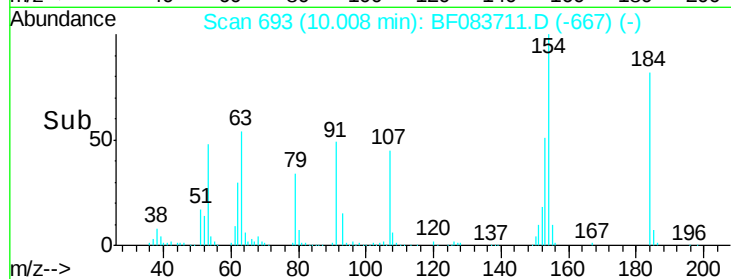
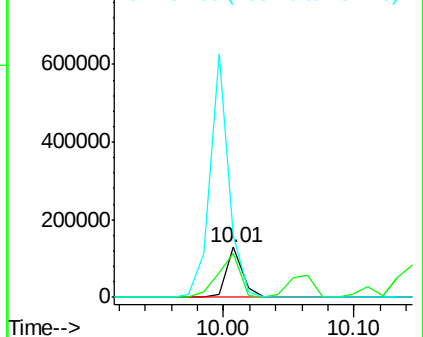
#53
2,4-Dinitrophenol
Concen: 92.72 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF083711.D
Acq: 11 Dec 2015 22:52

Instrument :
BNA_F
ClientSampleId :
PB87142BS

Tgt Ion:184 Resp: 112704
Ion Ratio Lower Upper
184 100
63 87.3 62.4 93.6
154 122.2 46.6 69.8#

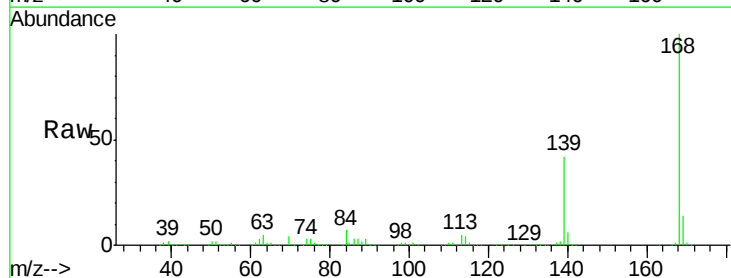


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

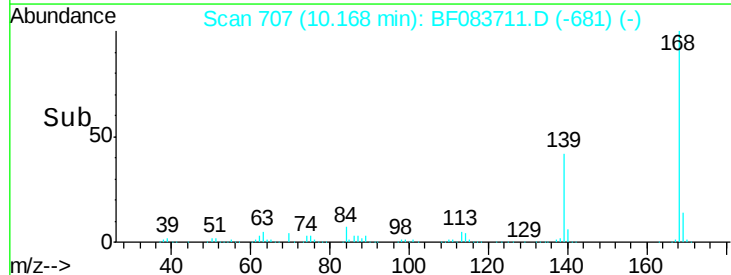
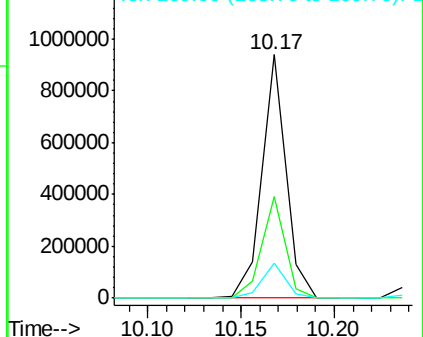


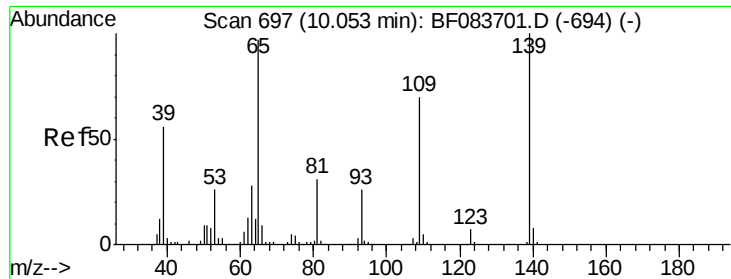
#54
Dibenzofuran
Concen: 40.34 ng
RT: 10.17 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF083711.D
Acq: 11 Dec 2015 22:52

Tgt Ion:168 Resp: 837518
Ion Ratio Lower Upper
168 100
139 41.6 28.0 42.0
169 14.1 10.8 16.2



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





#55

4-Nitrophenol

Concen: 95.36 ng

RT: 10.06 min Scan# 698

Delta R.T. 0.01 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

Instrument :

BNA_F

ClientSampleId :

PB87142BS

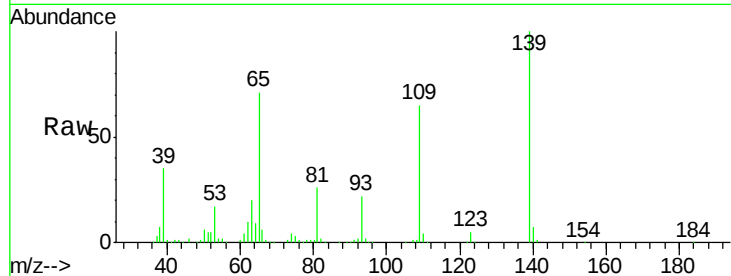
Tgt Ion:139 Resp: 330111

Ion Ratio Lower Upper

139 100

109 65.1 42.0 82.0

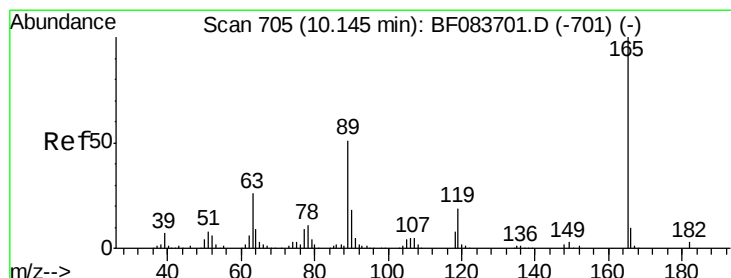
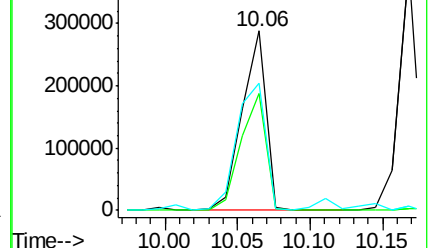
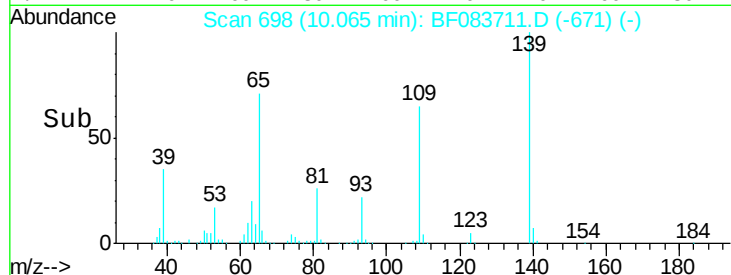
65 70.8 89.2 129.2#



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: 50.50 ng

RT: 10.14 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

Tgt Ion:165 Resp: 233206

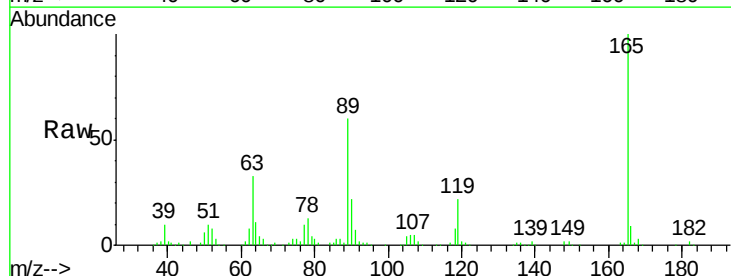
Ion Ratio Lower Upper

165 100

63 32.9 51.4 77.2#

89 59.9 72.6 108.8#

182 2.5 1.4 2.0#

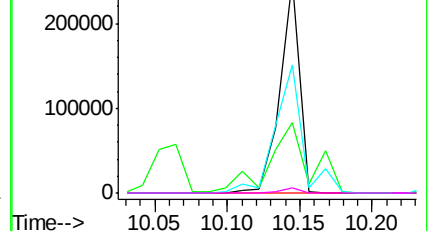
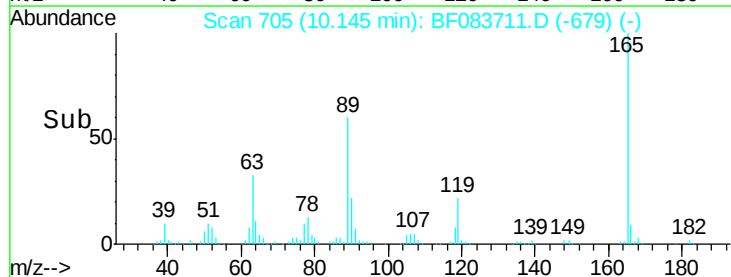


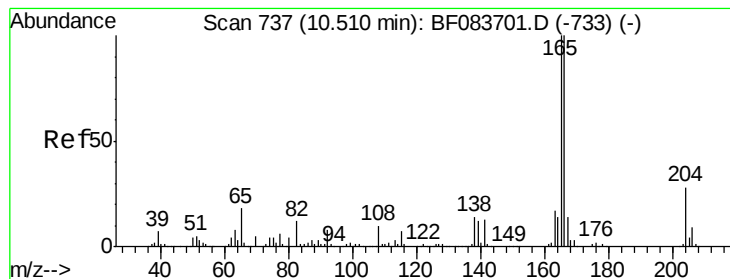
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.92 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

Instrument :

BNA_F

ClientSampleId :

PB87142BS

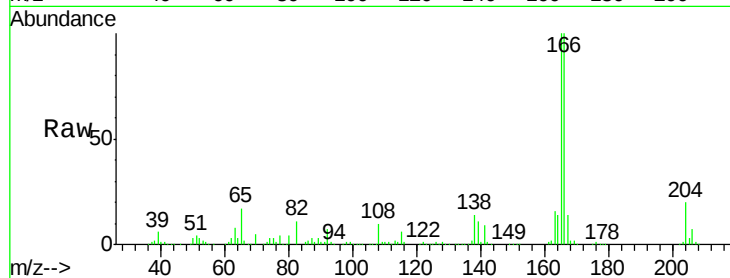
Tgt Ion:166 Resp: 657681

Ion Ratio Lower Upper

166 100

165 99.7 80.0 120.0

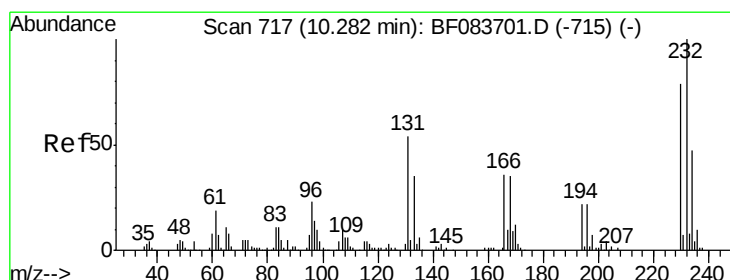
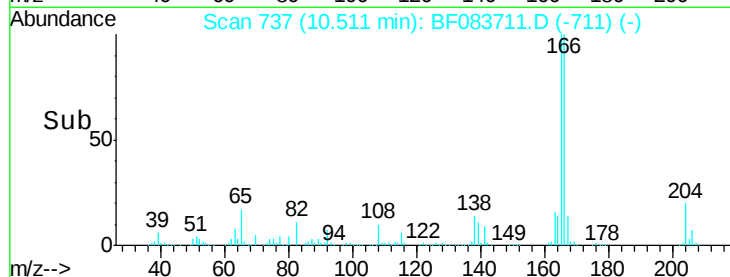
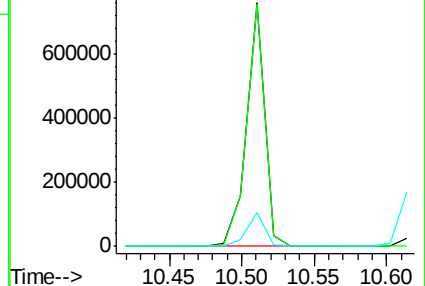
167 13.9 10.6 16.0



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: 46.72 ng

RT: 10.28 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

Tgt Ion:232 Resp: 173490

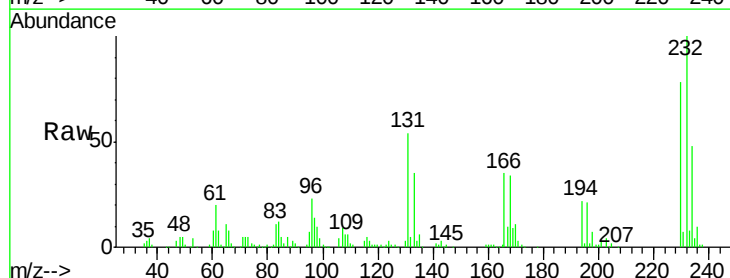
Ion Ratio Lower Upper

232 100

131 51.4 0.0 0.0#

130 2.5 0.0 0.0#

166 33.3 0.0 0.0#

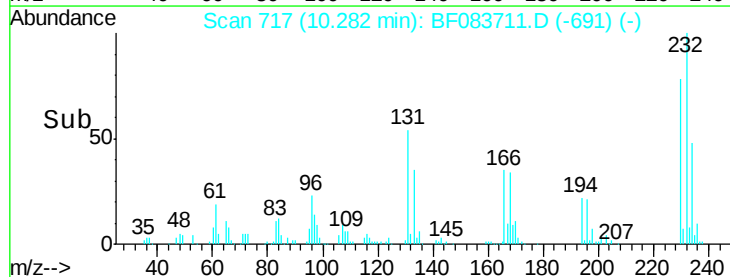
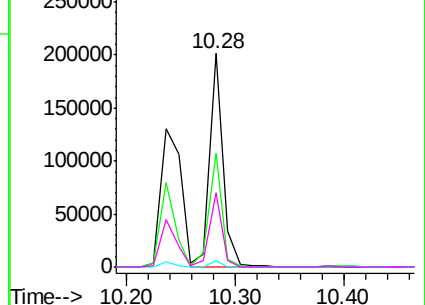


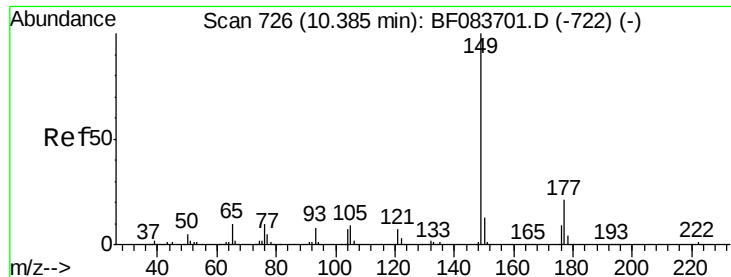
Abundance Ion 232.00 (231.70 to 232.70): E

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

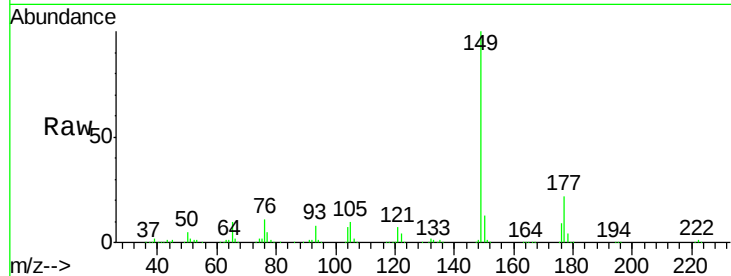




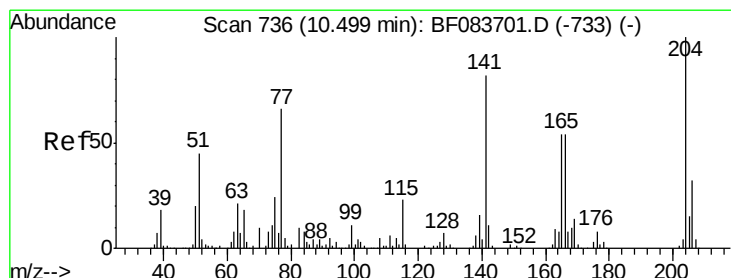
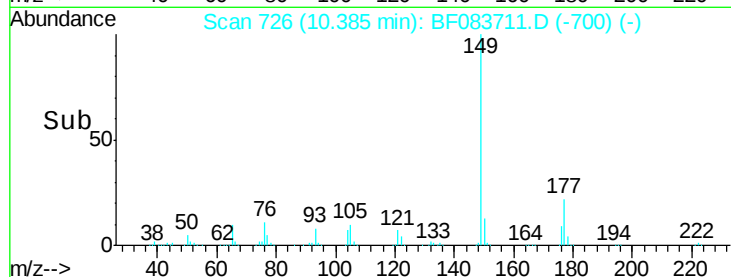
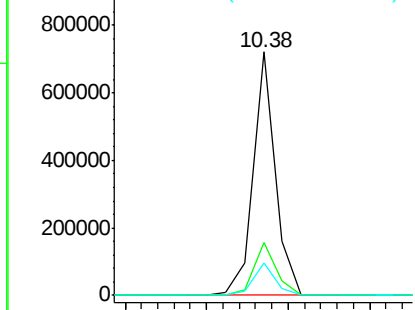
#59
Diethylphthalate
Concen: 38.61 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF083711.D
Acq: 11 Dec 2015 22:52

Instrument :
BNA_F
ClientSampleId :
PB87142BS

Tgt Ion:149 Resp: 676704
Ion Ratio Lower Upper
149 100
177 21.5 16.9 25.3
150 13.2 10.2 15.4

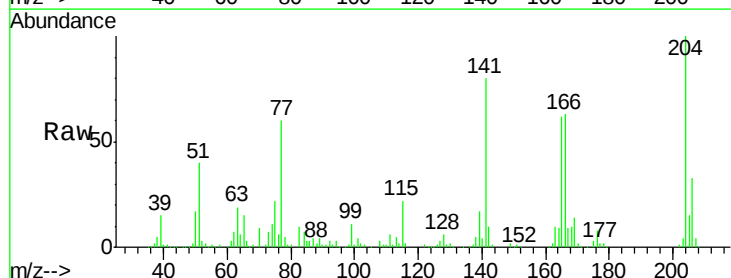


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

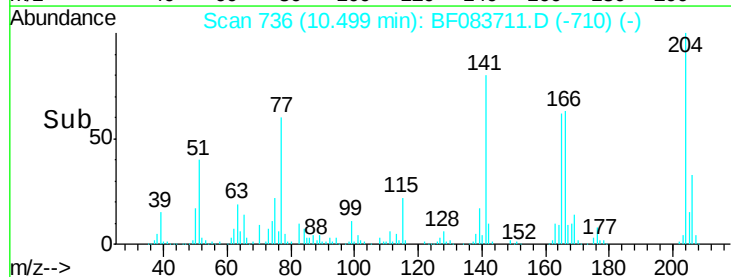
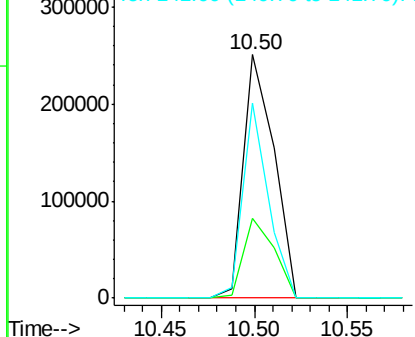


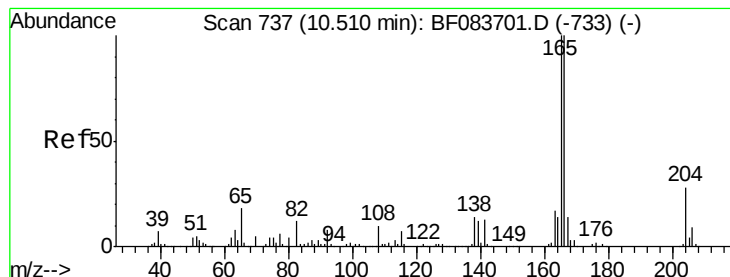
#60
4-Chlorophenyl-phenylether
Concen: 36.27 ng
RT: 10.50 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF083711.D
Acq: 11 Dec 2015 22:52

Tgt Ion:204 Resp: 285129
Ion Ratio Lower Upper
204 100
206 33.0 27.3 40.9
141 80.0 51.9 77.9#



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: 42.31 ng

RT: 10.52 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

Instrument :

BNA_F

ClientSampleId :

PB87142BS

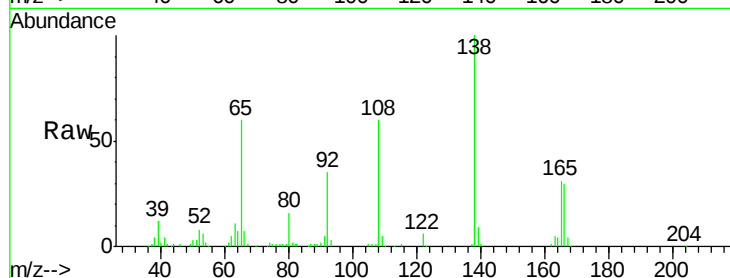
Tgt Ion:138 Resp: 159721

Ion Ratio Lower Upper

138 100

92 35.3 29.0 69.0

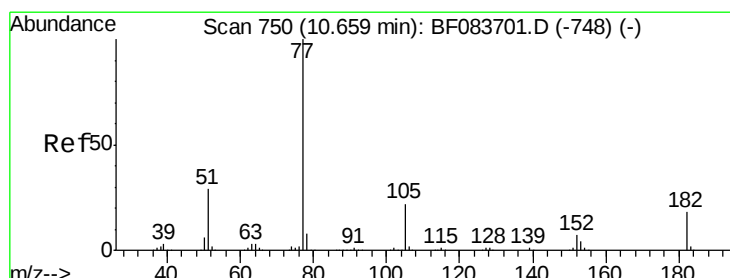
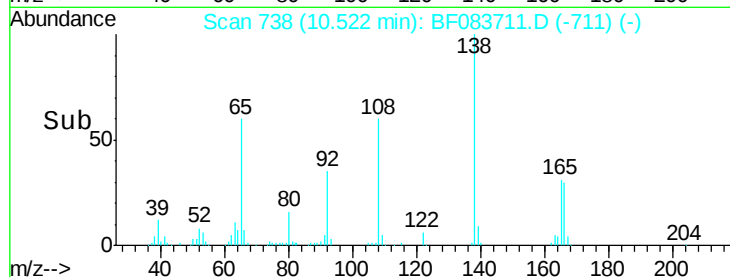
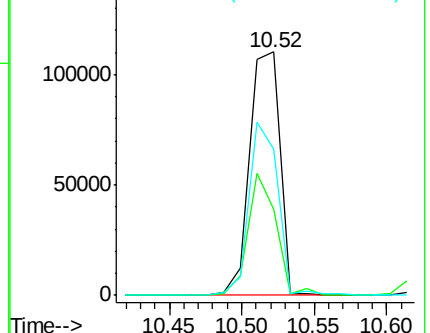
108 60.3 47.4 87.4



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: 38.79 ng

RT: 10.66 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

Tgt Ion: 77 Resp: 647279

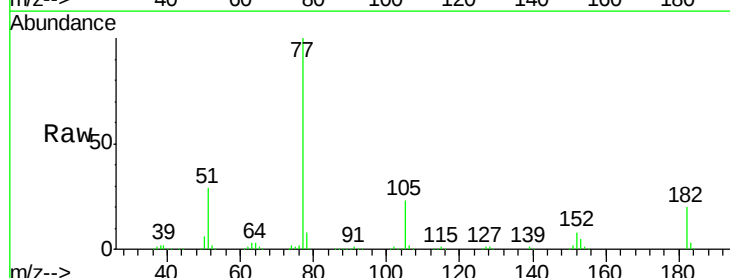
Ion Ratio Lower Upper

77 100

182 19.5 2.5 42.5

105 22.6 2.1 42.1

51 29.2 9.3 49.3

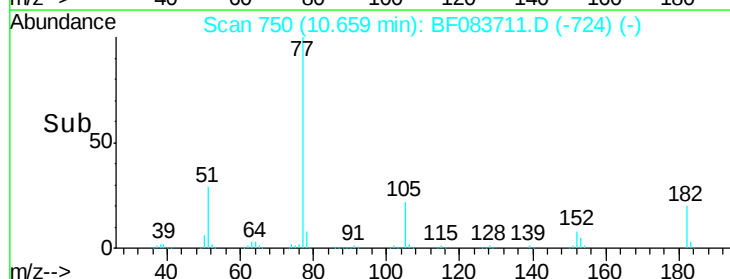
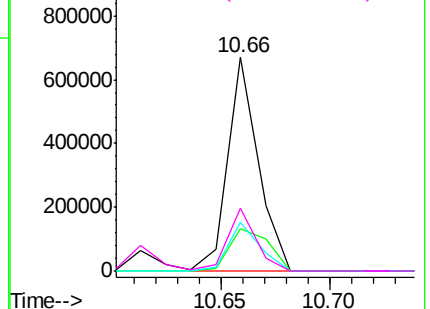


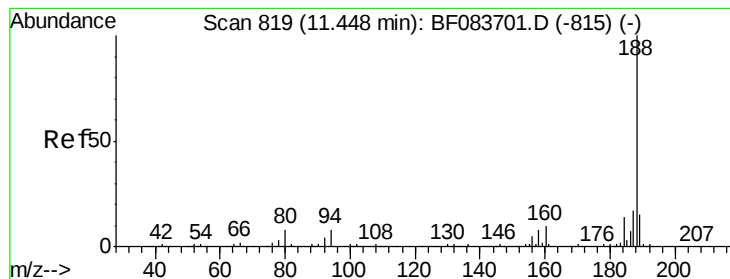
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.45 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

Instrument :

BNA_F

ClientSampleId :

PB87142BS

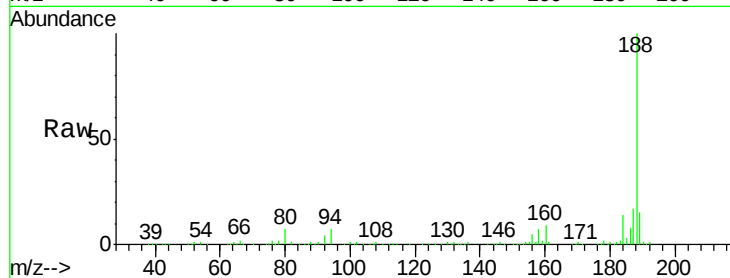
Tgt Ion:188 Resp: 456314

Ion Ratio Lower Upper

188 100

94 6.9 9.4 14.2#

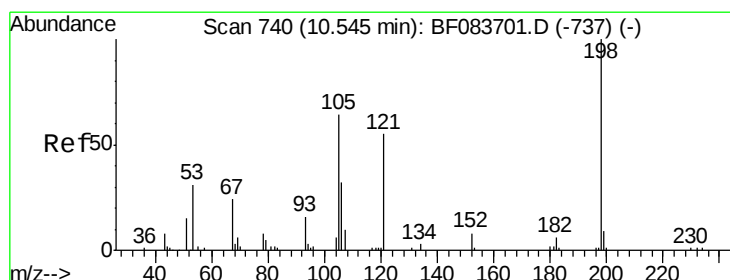
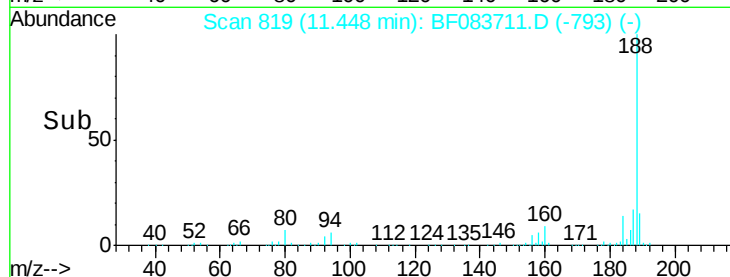
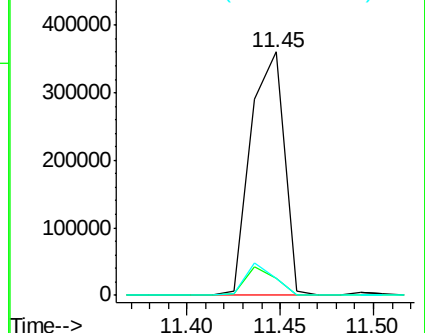
80 7.0 10.6 16.0#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 45.69 ng

RT: 10.54 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

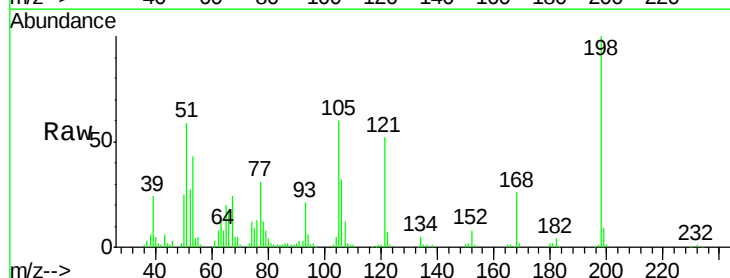
Tgt Ion:198 Resp: 87144

Ion Ratio Lower Upper

198 100

51 58.6 53.8 93.8

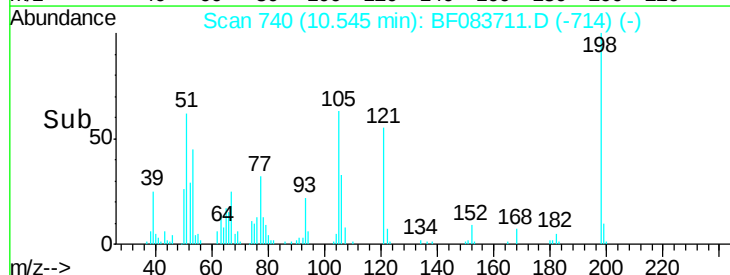
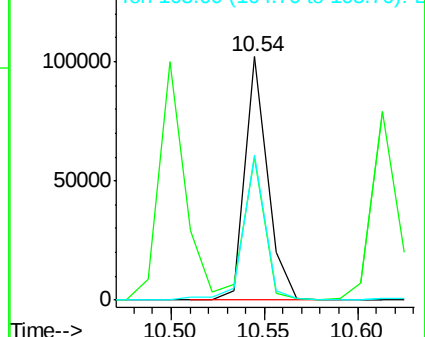
105 59.5 38.6 78.6

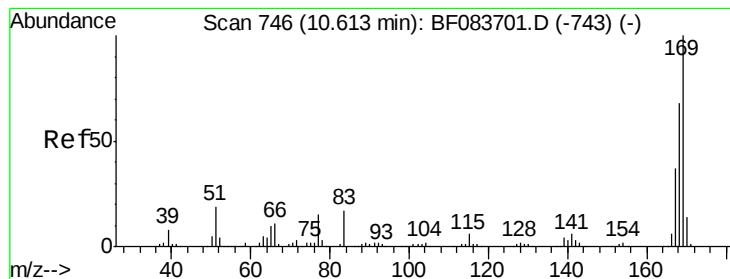


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

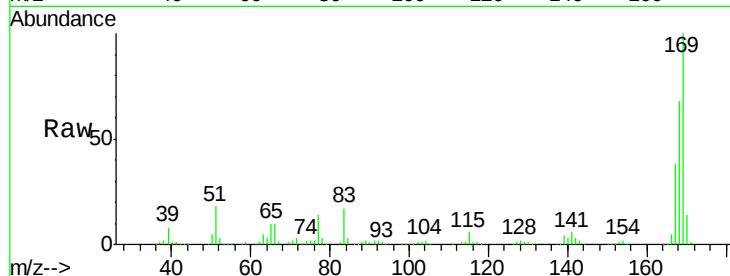




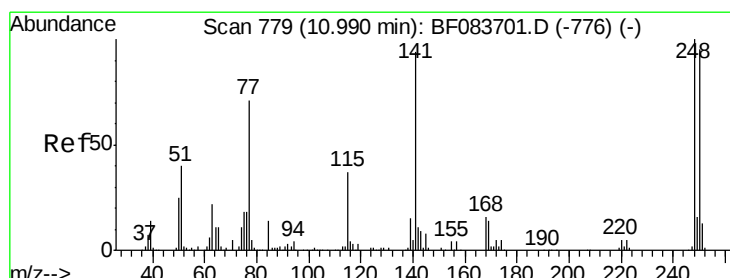
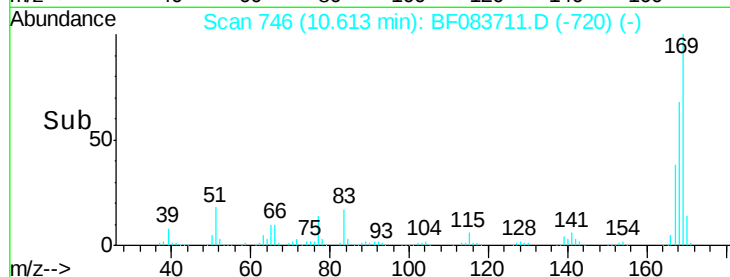
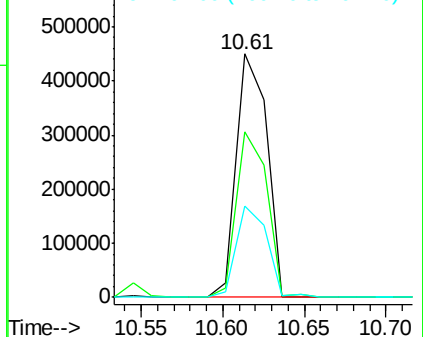
#65
 n-Nitrosodiphenylamine
 Concen: 38.31 ng
 RT: 10.61 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: BF083711.D
 Acq: 11 Dec 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :
 PB87142BS

Tgt Ion:169 Resp: 580293
 Ion Ratio Lower Upper
 169 100
 168 67.8 53.0 79.6
 167 37.6 29.3 43.9

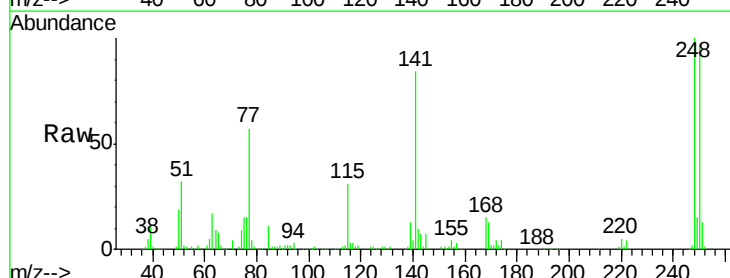


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

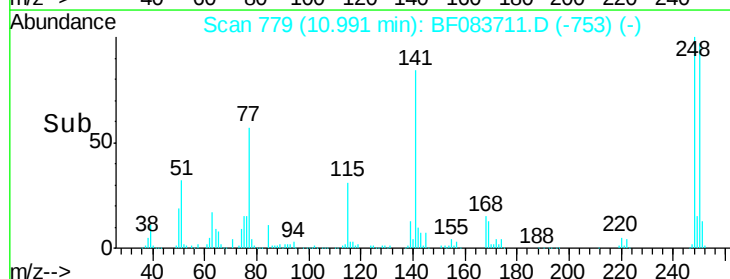
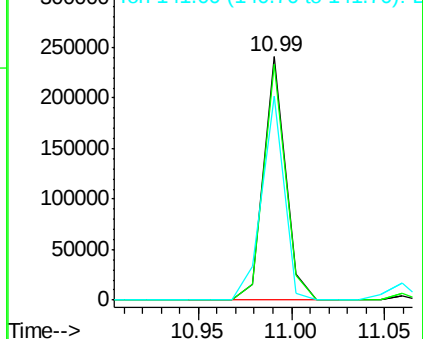


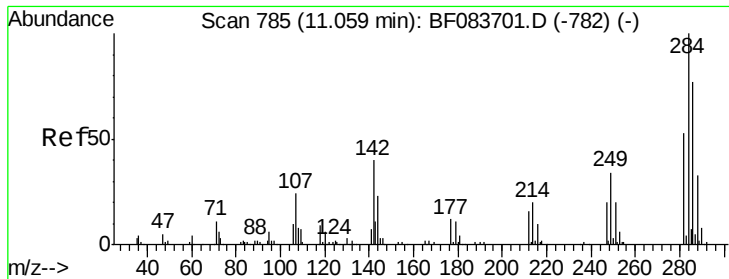
#66
 4-Bromophenyl-phenylether
 Concen: 39.78 ng
 RT: 10.99 min Scan# 779
 Delta R.T. 0.00 min
 Lab File: BF083711.D
 Acq: 11 Dec 2015 22:52

Tgt Ion:248 Resp: 194026
 Ion Ratio Lower Upper
 248 100
 250 97.0 79.2 118.8
 141 83.8 58.2 87.4



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

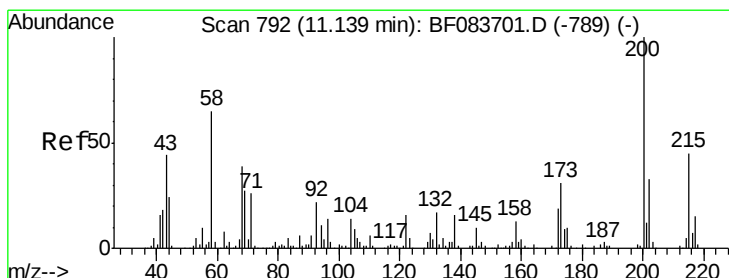
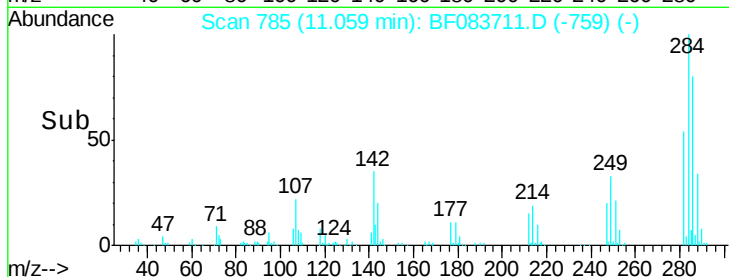
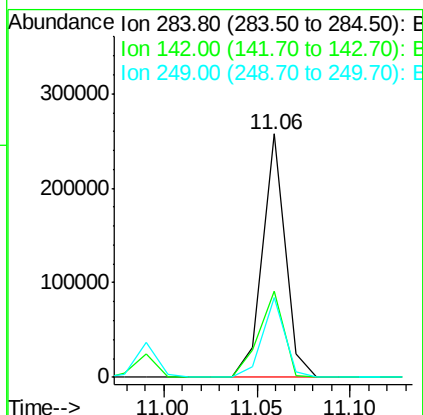
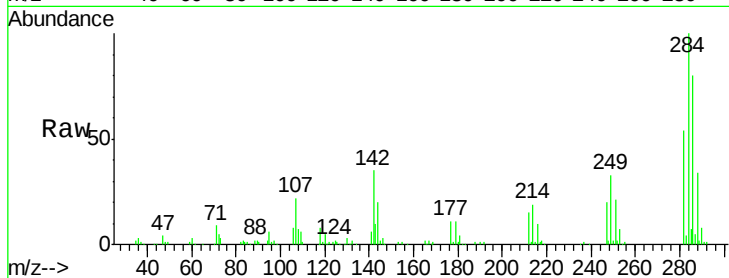




#67
Hexachlorobenzene
Concen: 40.60 ng
RT: 11.06 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF083711.D
Acq: 11 Dec 2015 22:52

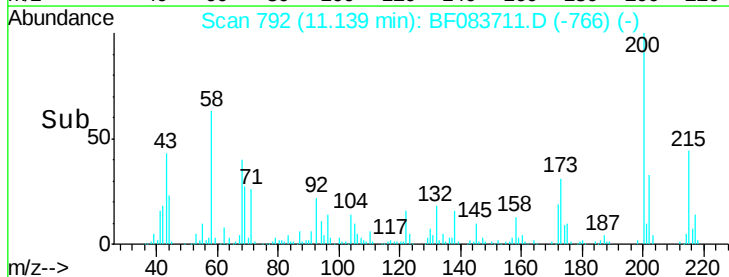
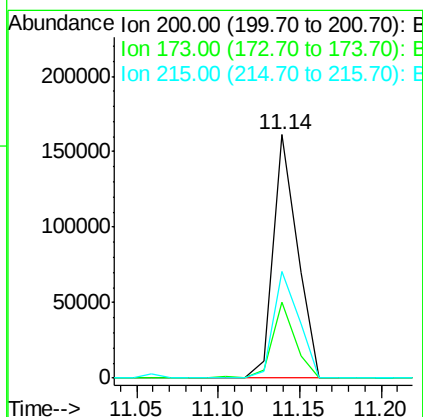
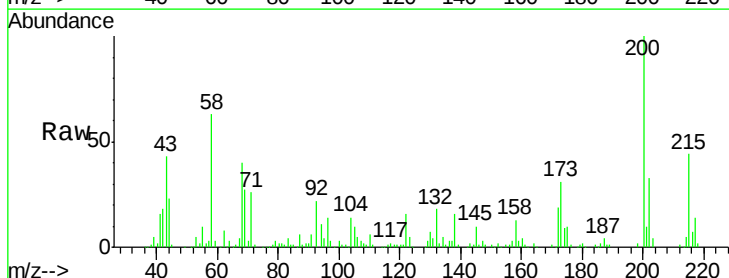
Instrument :
BNA_F
ClientSampleId :
PB87142BS

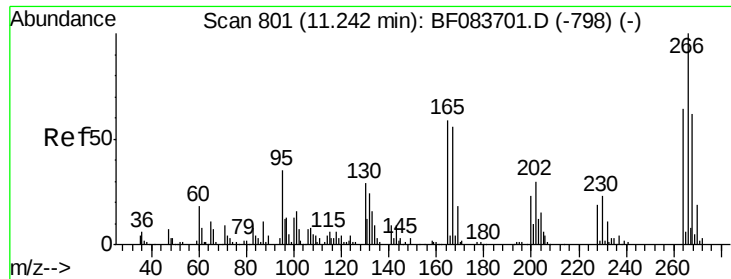
Tgt Ion:284 Resp: 215673
Ion Ratio Lower Upper
284 100
142 35.3 31.0 46.4
249 32.7 26.9 40.3



#68
Atrazine
Concen: 38.64 ng
RT: 11.14 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF083711.D
Acq: 11 Dec 2015 22:52

Tgt Ion:200 Resp: 166901
Ion Ratio Lower Upper
200 100
173 31.4 7.8 47.8
215 44.0 25.7 65.7

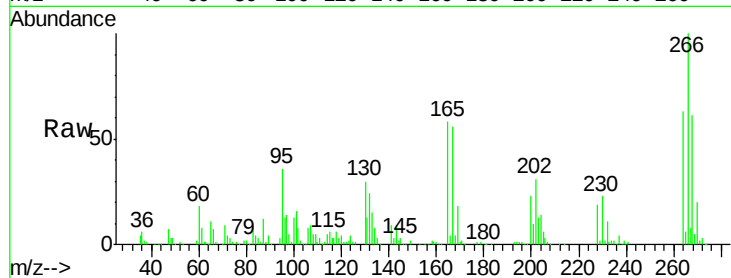




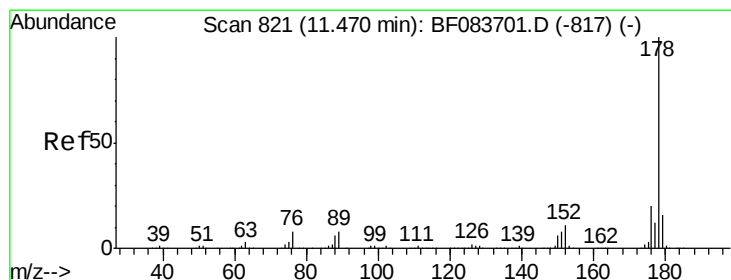
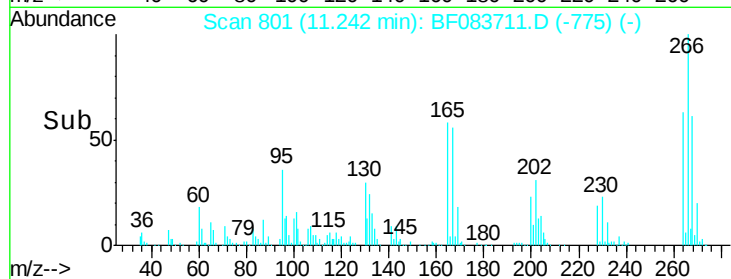
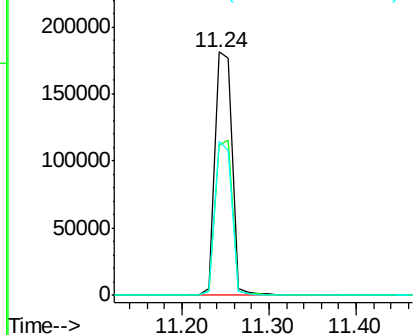
#69
 Pentachlorophenol
 Concen: 86.64 ng
 RT: 11.24 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BF083711.D
 Acq: 11 Dec 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :
 PB87142BS

Tgt Ion: 266 Resp: 256885
 Ion Ratio Lower Upper
 266 100
 268 61.5 50.2 75.2
 264 63.2 51.4 77.2

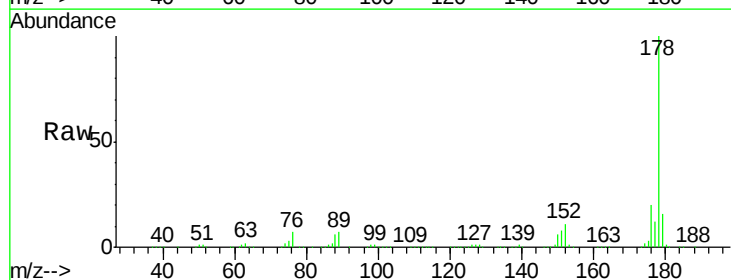


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

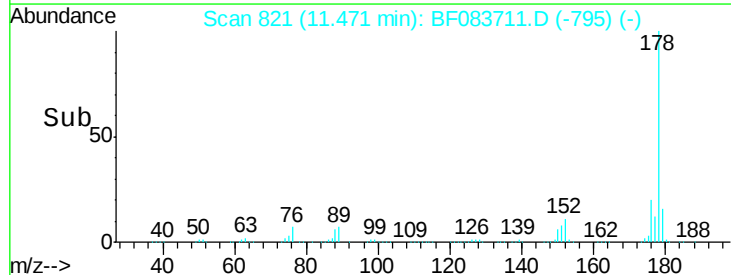
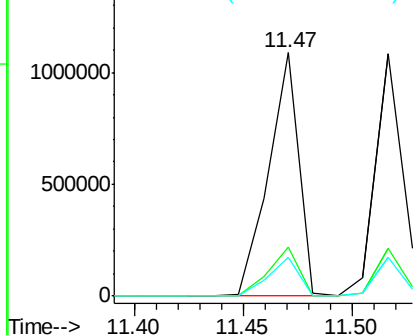


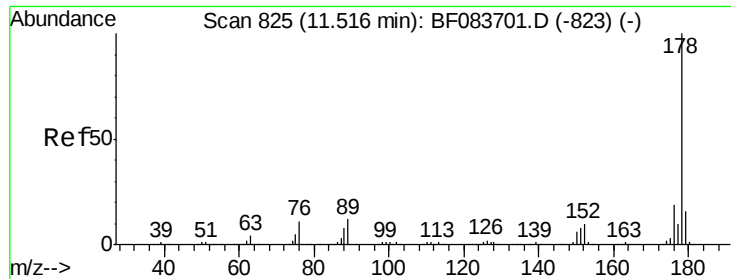
#70
 Phenanthrene
 Concen: 42.56 ng
 RT: 11.47 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF083711.D
 Acq: 11 Dec 2015 22:52

Tgt Ion: 178 Resp: 1060050
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.7 23.5
 179 15.8 12.2 18.4



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

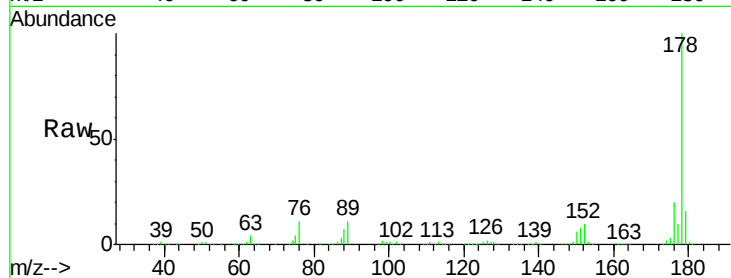




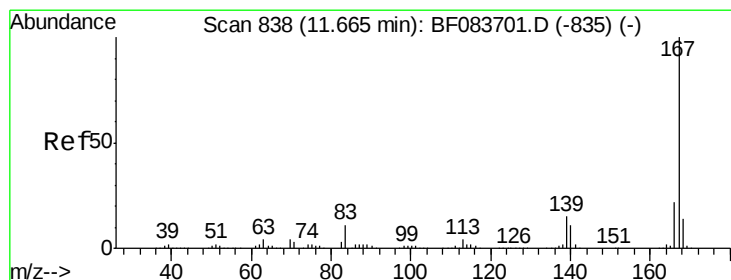
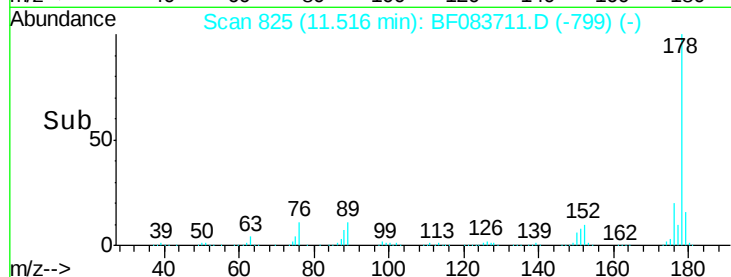
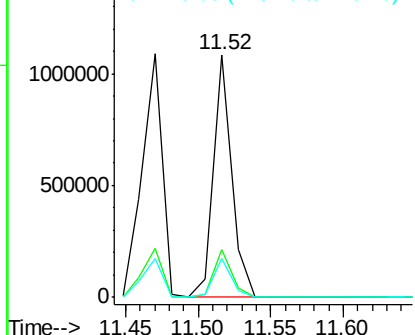
#71
 Anthracene
 Concen: 36.96 ng
 RT: 11.52 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF083711.D
 Acq: 11 Dec 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :
 PB87142BS

Tgt Ion:178 Resp: 950434
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.2 22.8
 179 16.2 12.6 18.8

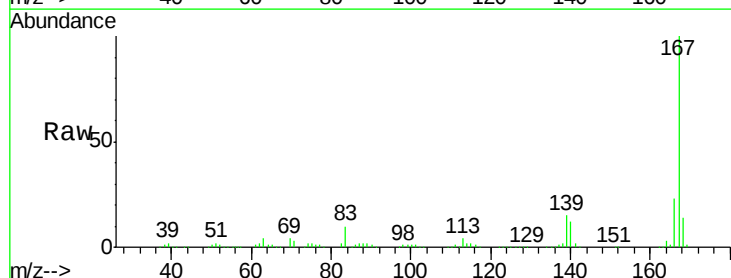


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

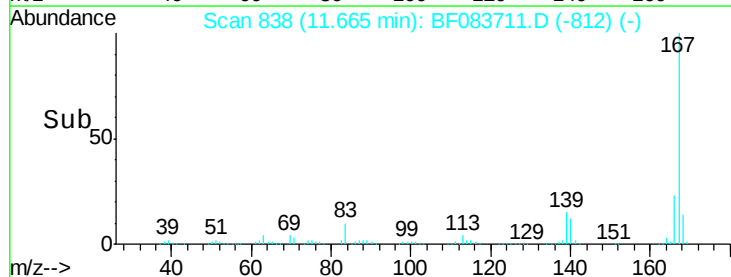
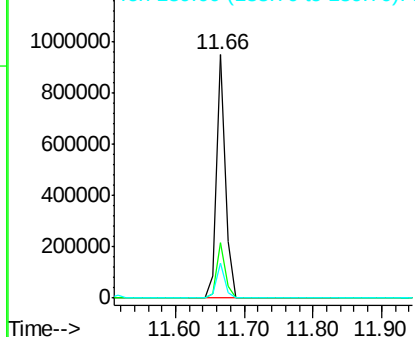


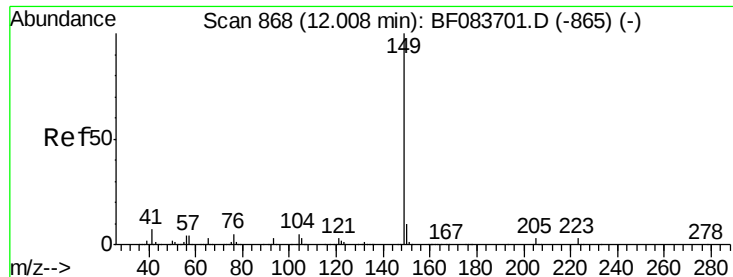
#72
 Carbazole
 Concen: 36.78 ng
 RT: 11.66 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF083711.D
 Acq: 11 Dec 2015 22:52

Tgt Ion:167 Resp: 868281
 Ion Ratio Lower Upper
 167 100
 166 22.9 17.2 25.8
 139 14.6 9.3 13.9#



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

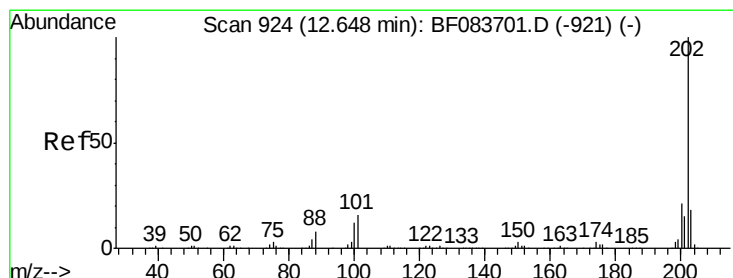
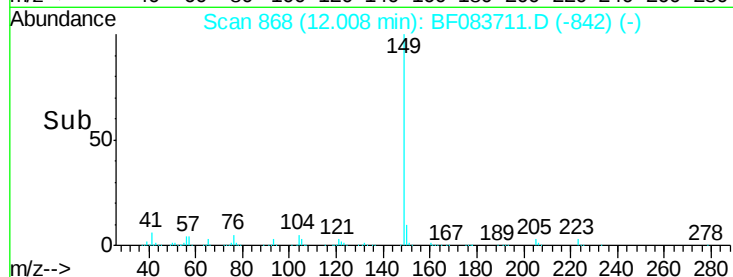
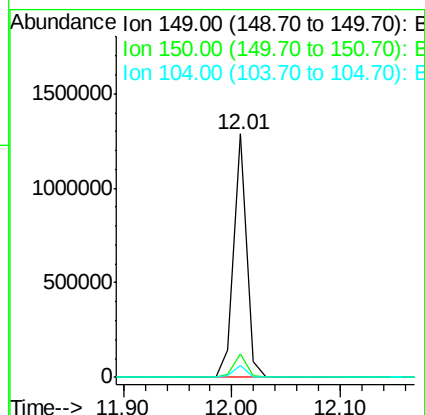
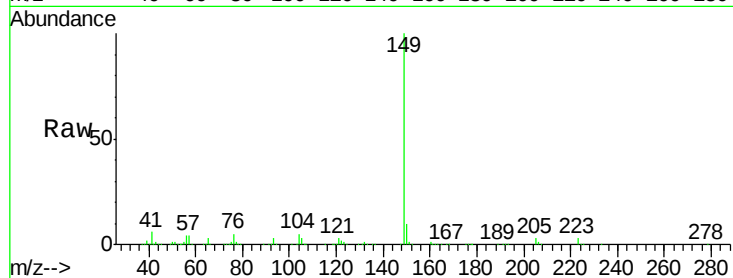




#73
Di-n-butylphthalate
Concen: 40.36 ng
RT: 12.01 min Scan# 868
Delta R.T. 0.00 min
Lab File: BF083711.D
Acq: 11 Dec 2015 22:52

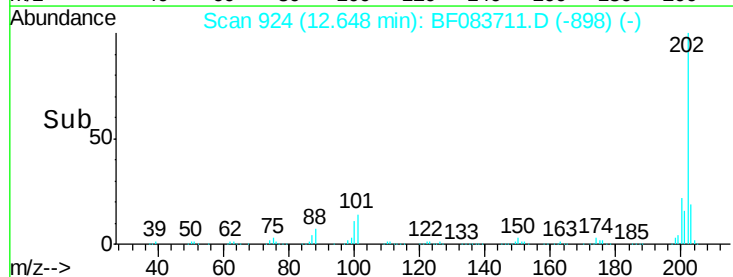
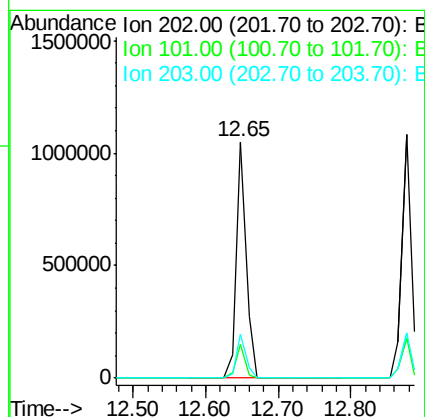
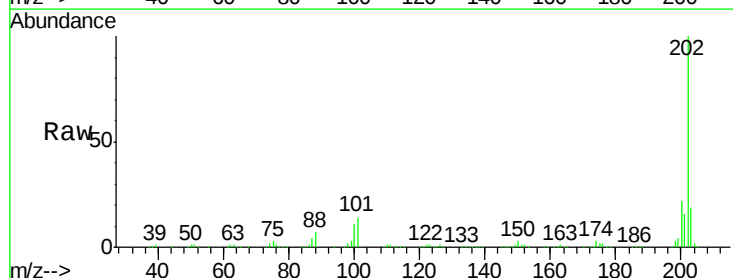
Instrument :
BNA_F
ClientSampleId :
PB87142BS

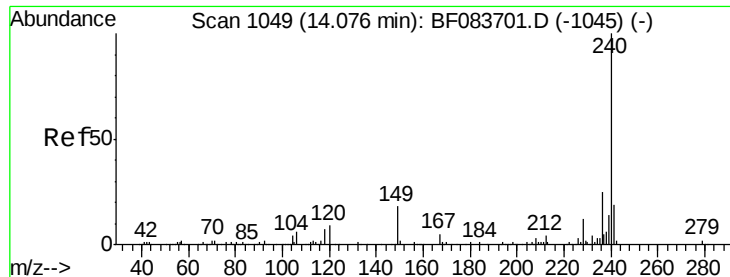
Tgt Ion:149 Resp: 1038248
Ion Ratio Lower Upper
149 100
150 9.7 7.8 11.6
104 4.9 3.9 5.9



#74
Fluoranthene
Concen: 37.96 ng
RT: 12.65 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF083711.D
Acq: 11 Dec 2015 22:52

Tgt Ion:202 Resp: 989483
Ion Ratio Lower Upper
202 100
101 14.4 0.0 31.5
203 18.6 0.0 37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

Instrument :

BNA_F

ClientSampleId :

PB87142BS

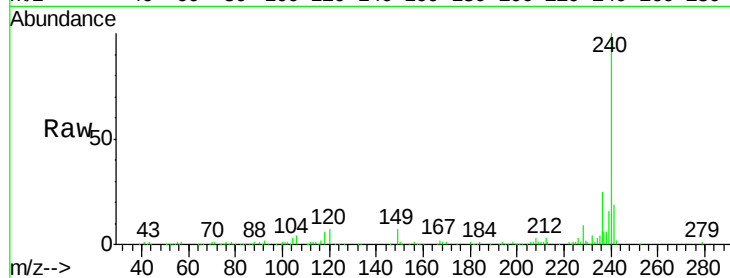
Tgt Ion:240 Resp: 296701

Ion Ratio Lower Upper

240 100

120 7.1 8.1 12.1#

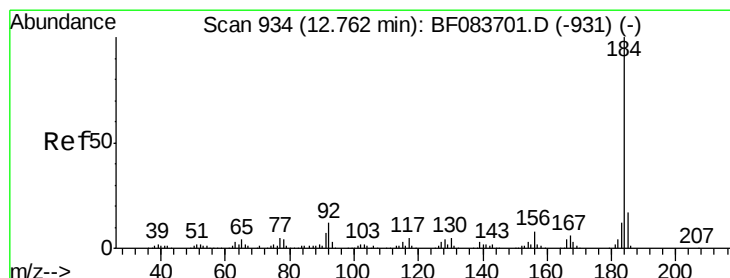
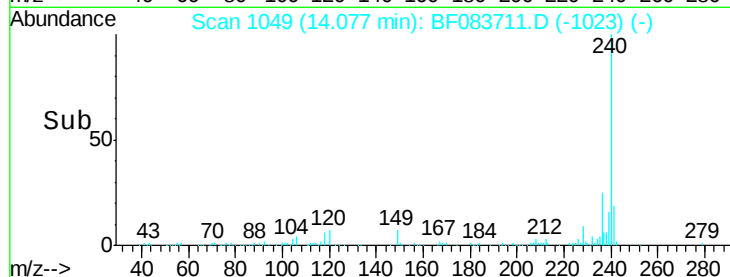
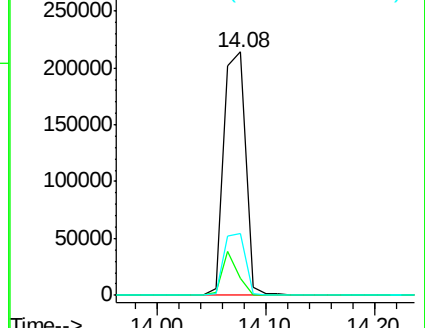
236 25.3 20.8 31.2



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: 16.42 ng

RT: 12.76 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

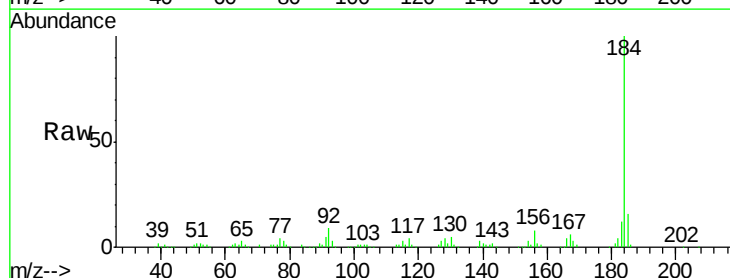
Tgt Ion:184 Resp: 187854

Ion Ratio Lower Upper

184 100

185 16.1 13.0 19.6

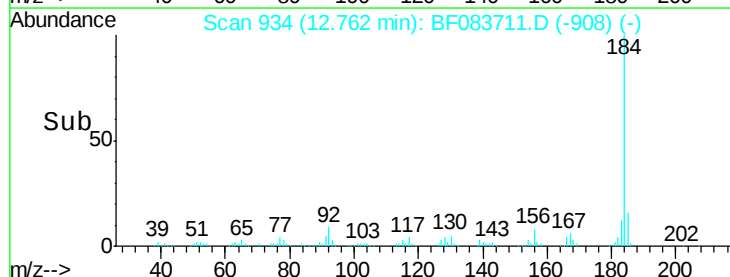
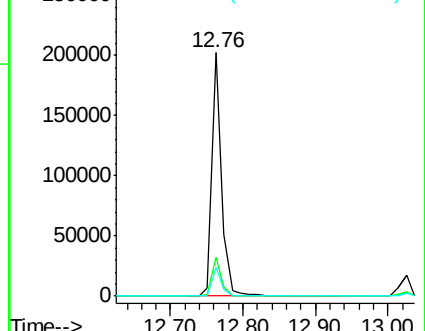
183 11.9 9.0 13.4

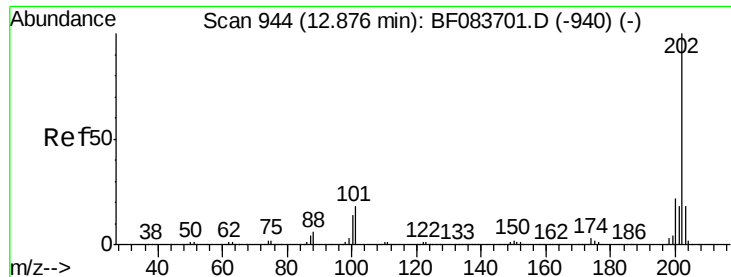


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 42.84 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

Instrument :

BNA_F

ClientSampled :

PB87142BS

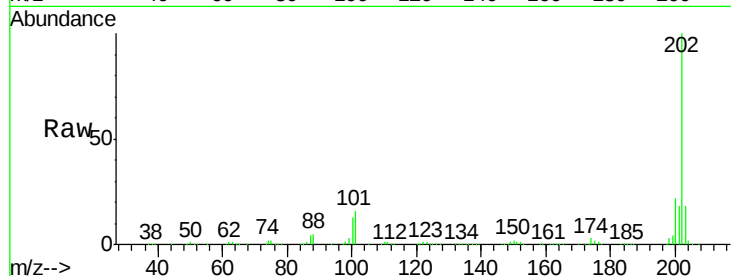
Tgt Ion:202 Resp: 1002215

Ion Ratio Lower Upper

202 100

200 22.3 16.7 25.1

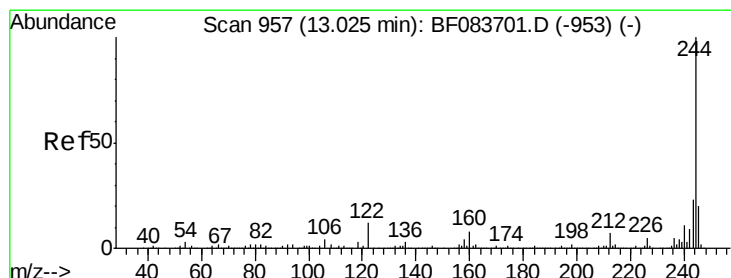
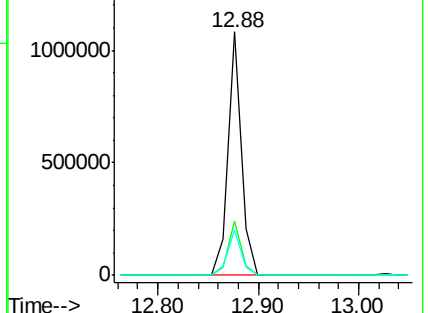
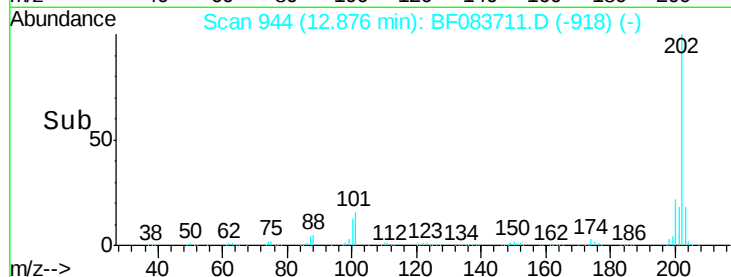
203 18.4 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 91.47 ng

RT: 13.03 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

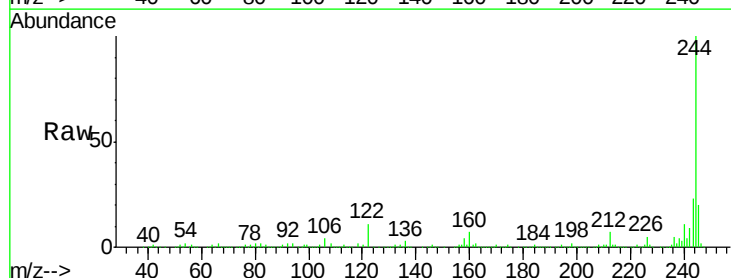
Tgt Ion:244 Resp: 1208543

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

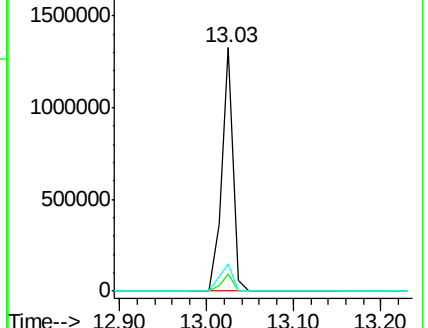
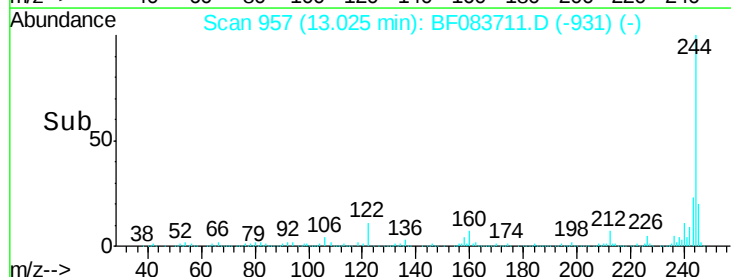
122 11.0 11.0 16.6#

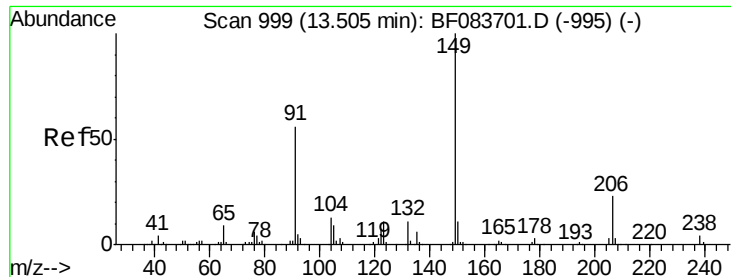


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 48.48 ng

RT: 13.49 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

Instrument :

BNA_F

ClientSampleId :

PB87142BS

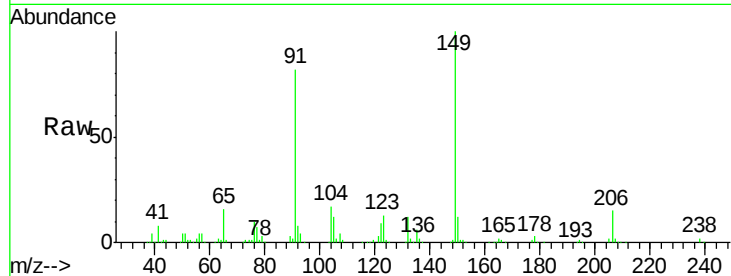
Tgt Ion:149 Resp: 363614

Ion Ratio Lower Upper

149 100

91 82.4 60.0 90.0

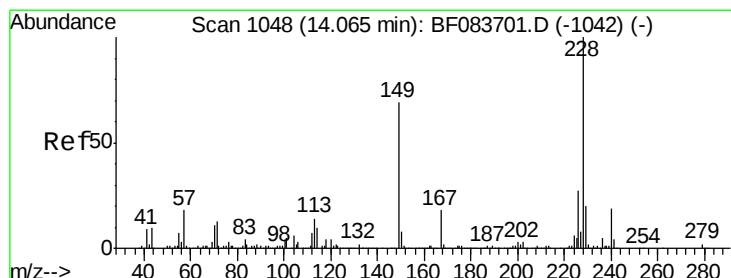
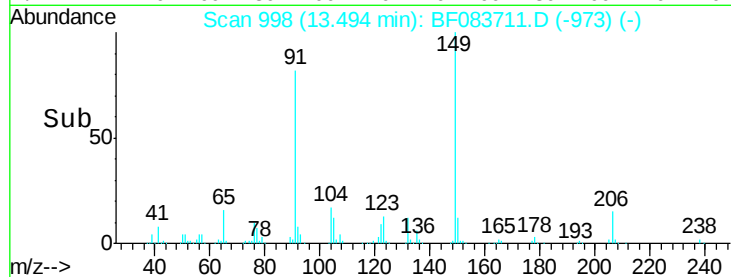
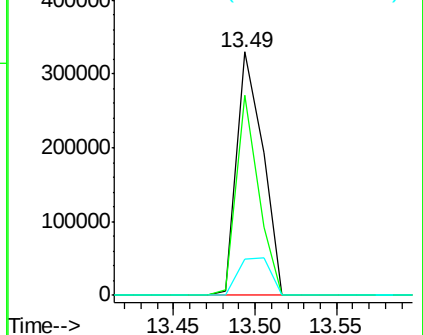
206 14.9 16.2 24.4#



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: 43.59 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

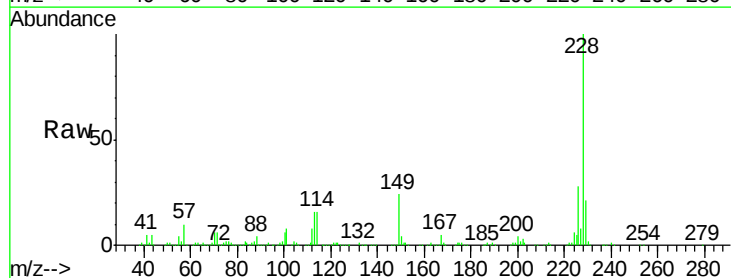
Tgt Ion:228 Resp: 757753

Ion Ratio Lower Upper

228 100

226 27.8 22.3 33.5

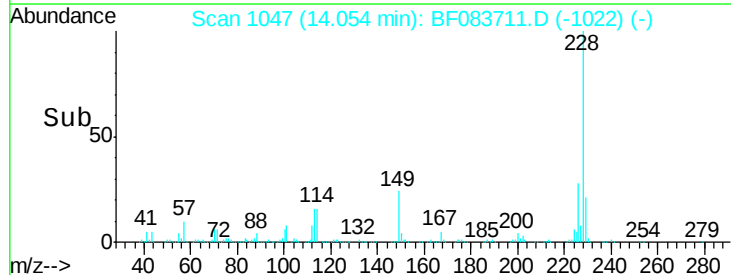
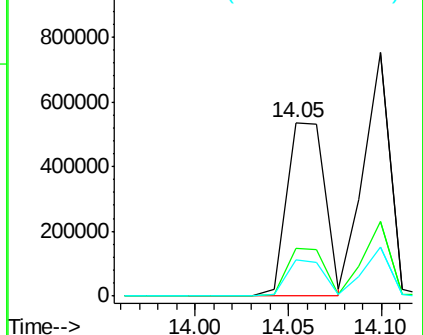
229 20.6 15.7 23.5

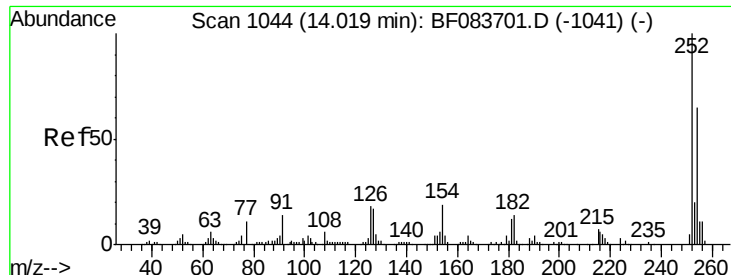


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

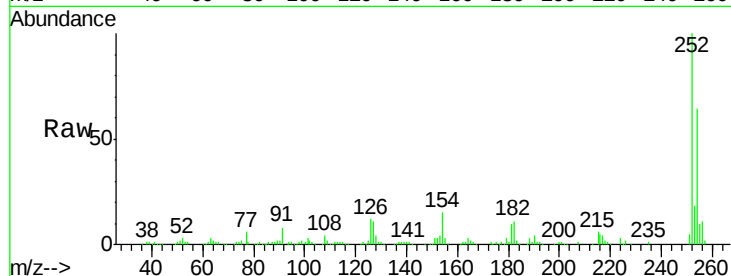




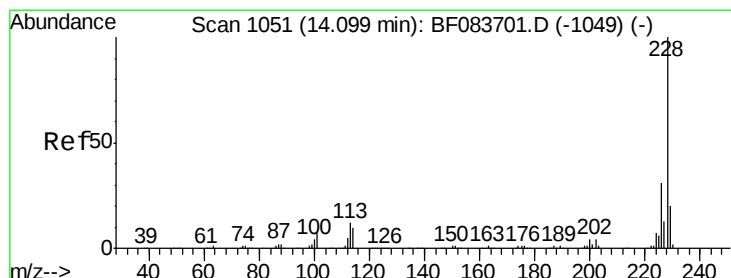
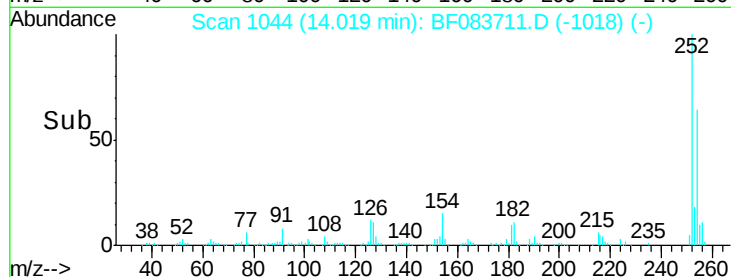
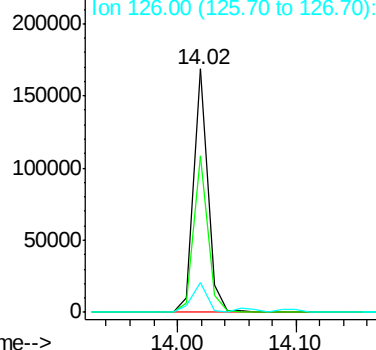
#81
 3,3'-Dichlorobenzidine
 Concen: 25.02 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF083711.D
 Acq: 11 Dec 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :
 PB87142BS

Tgt Ion:252 Resp: 138205
 Ion Ratio Lower Upper
 252 100
 254 64.5 50.6 76.0
 126 12.3 11.0 16.4

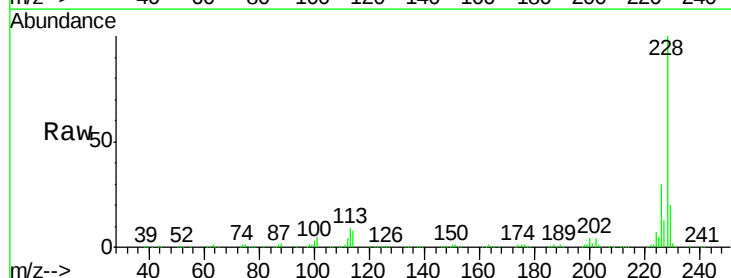


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

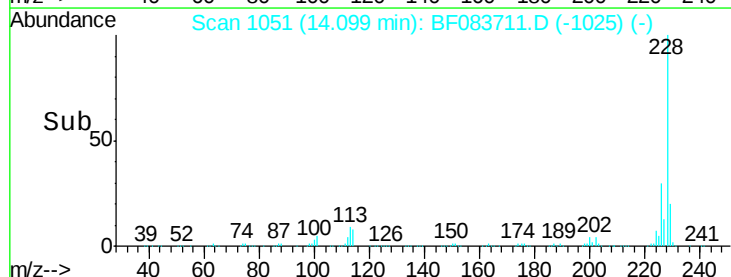
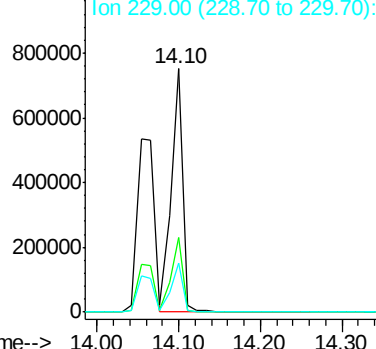


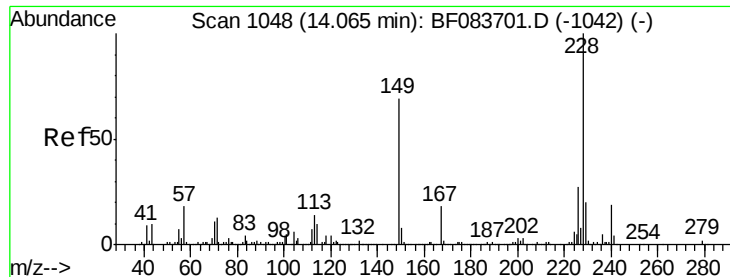
#82
 Chrysene
 Concen: 44.61 ng
 RT: 14.10 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BF083711.D
 Acq: 11 Dec 2015 22:52

Tgt Ion:228 Resp: 745758
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.7 37.1
 229 20.0 16.3 24.5



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.57 ng

RT: 14.07 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

Instrument :

BNA_F

ClientSampleId :

PB87142BS

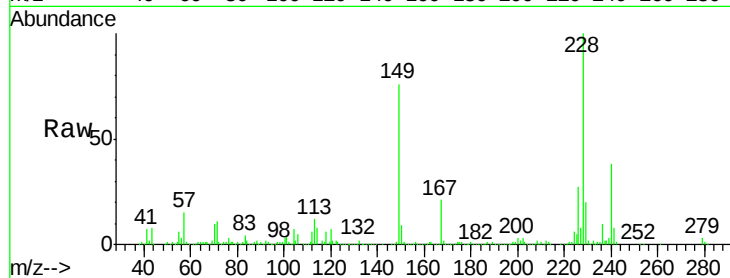
Tgt Ion:149 Resp: 377781

Ion Ratio Lower Upper

149 100

167 27.2 21.8 32.8

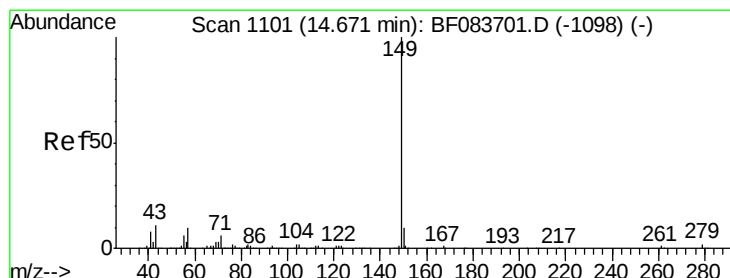
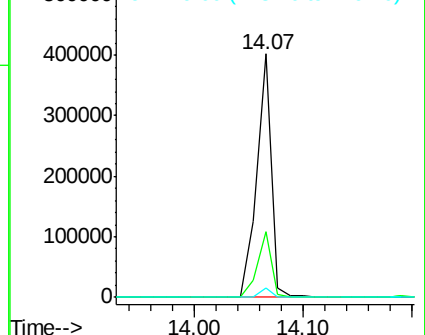
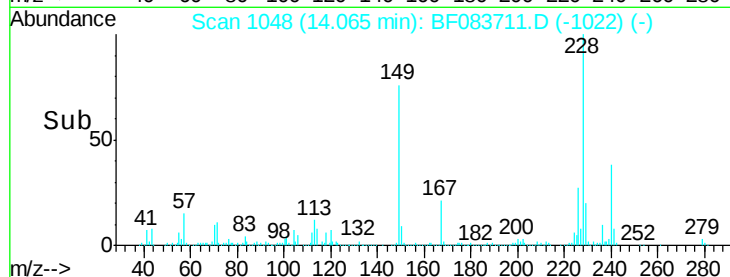
279 3.8 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.68 ng

RT: 14.67 min Scan# 1101

Delta R.T. 0.00 min

Lab File: BF083711.D

Acq: 11 Dec 2015 22:52

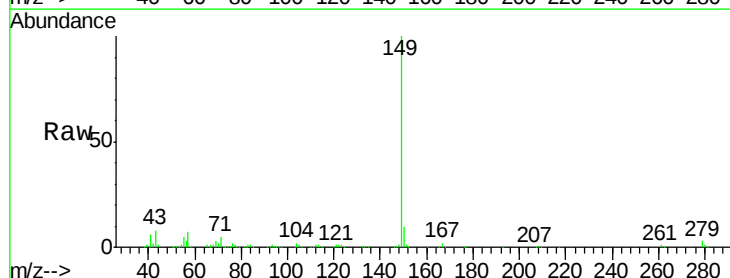
Tgt Ion:149 Resp: 535564

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

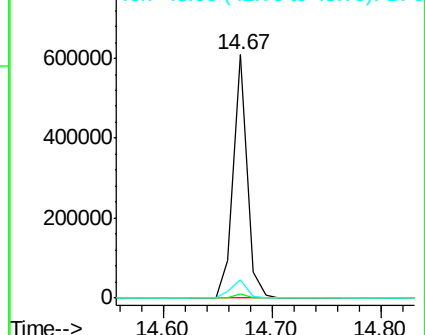
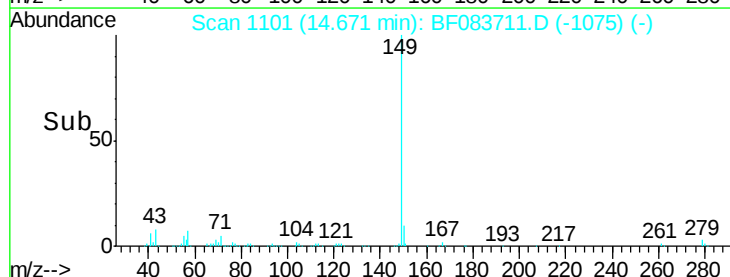
43 9.2 0.0 0.0#

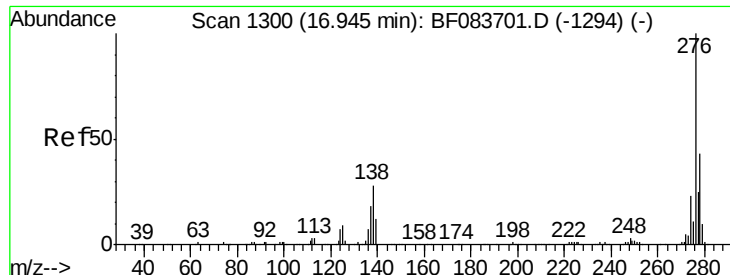


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

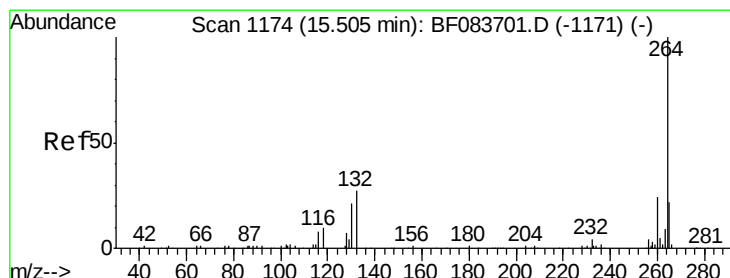
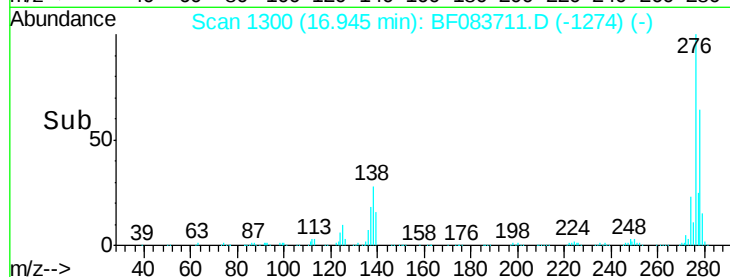
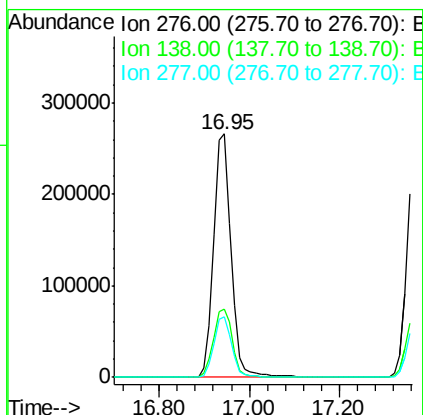
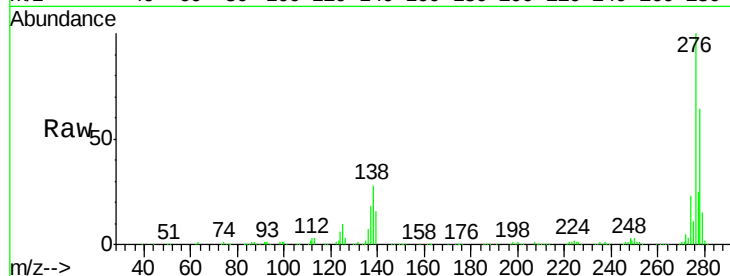




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.30 ng
 RT: 16.95 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BF083711.D
 Acq: 11 Dec 2015 22:52

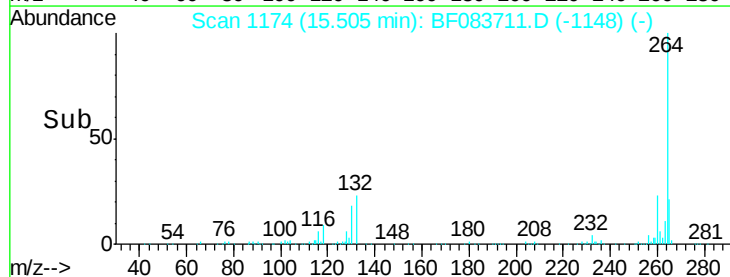
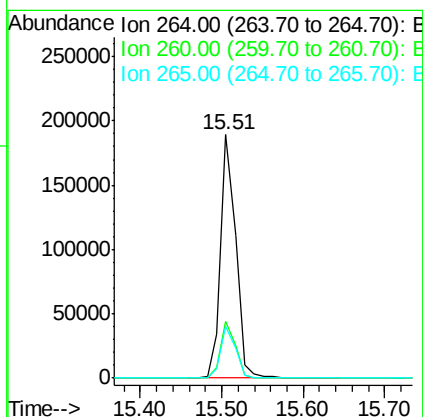
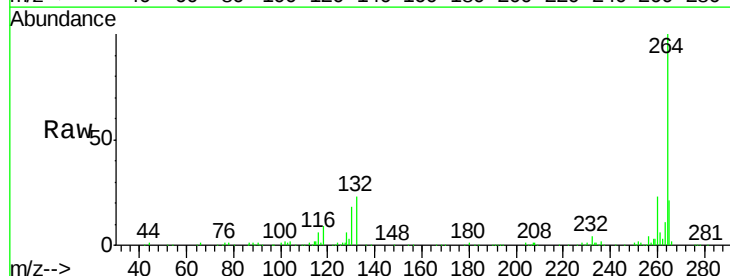
Instrument :
 BNA_F
 ClientSampleId :
 PB87142BS

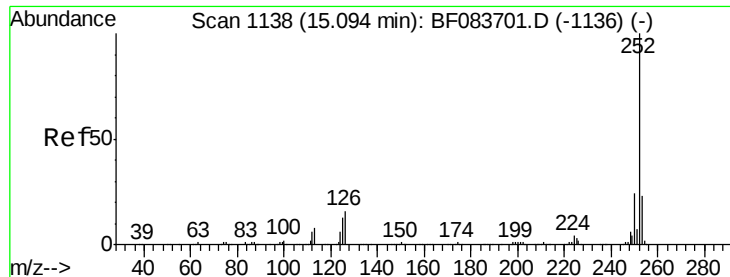
Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.4	0.0	0.0#
277	25.3	0.0	0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF083711.D
 Acq: 11 Dec 2015 22:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.0
265	21.1	17.8	26.6

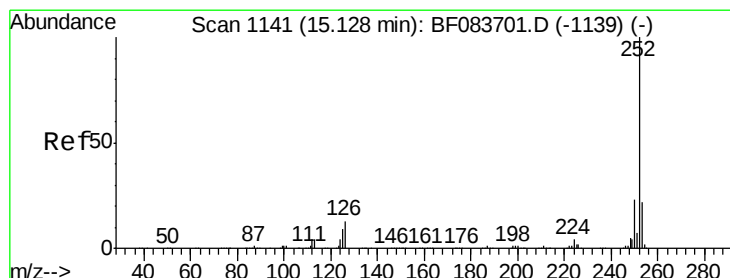
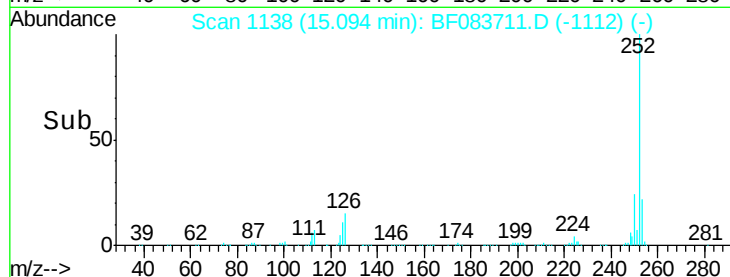
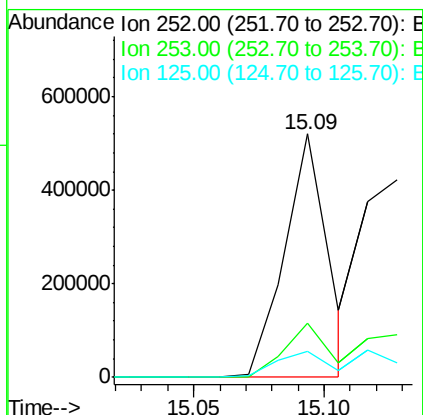
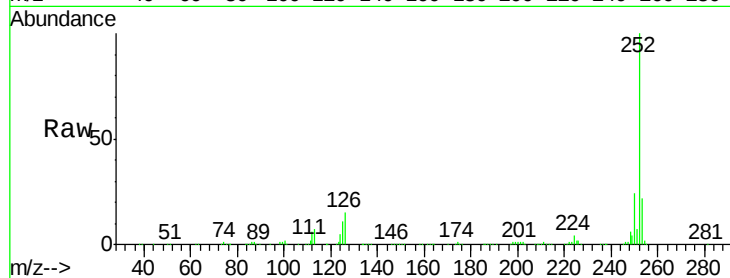




#87
Benzo(b)fluoranthene
Concen: 39.67 ng
RT: 15.09 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF083711.D
Acq: 11 Dec 2015 22:52

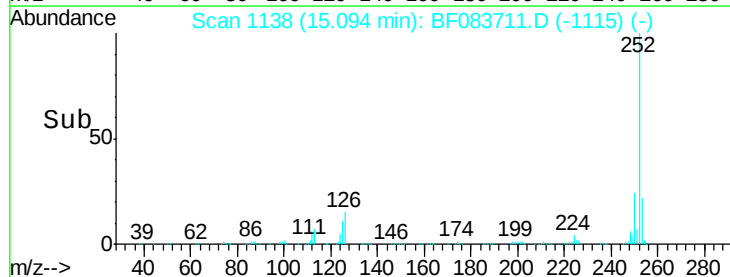
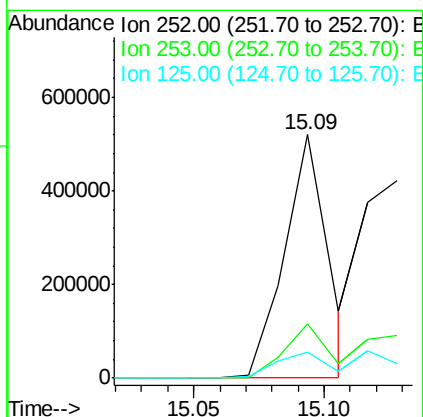
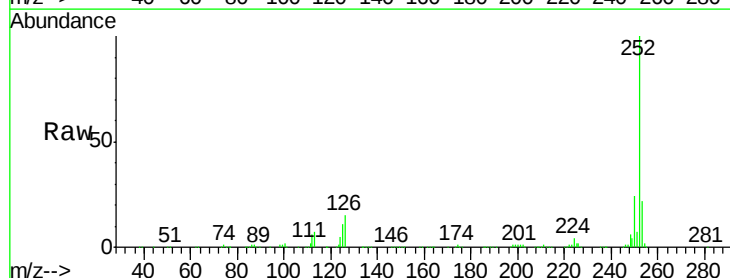
Instrument :
BNA_F
ClientSampleId :
PB87142BS

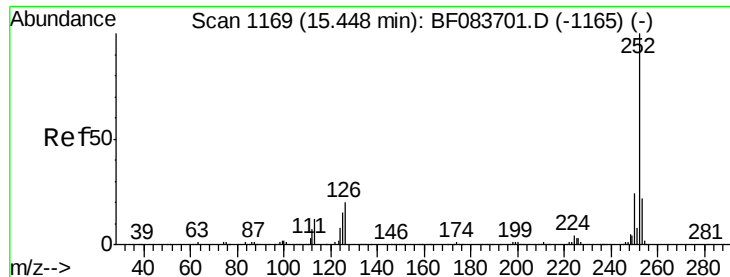
Tgt Ion:252 Resp: 597549
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.4
125 10.6 8.2 12.4



#88
Benzo(k)fluoranthene
Concen: 41.60 ng
RT: 15.09 min Scan# 1138
Delta R.T. -0.03 min
Lab File: BF083711.D
Acq: 11 Dec 2015 22:52

Tgt Ion:252 Resp: 597549
Ion Ratio Lower Upper
252 100
253 22.0 18.6 27.8
125 10.6 11.5 17.3#

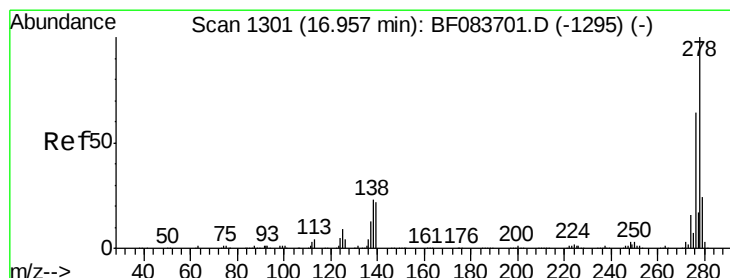
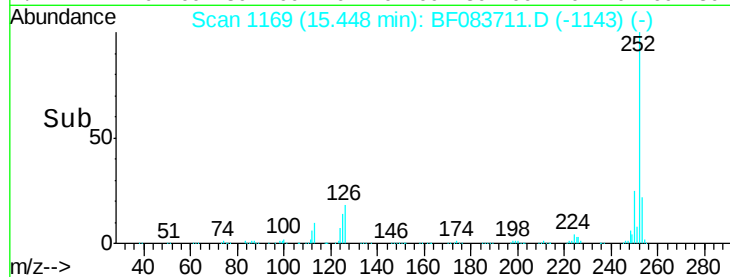
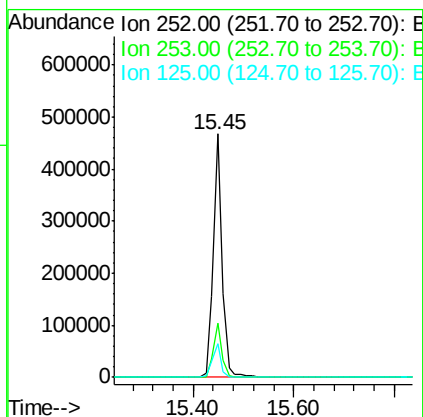
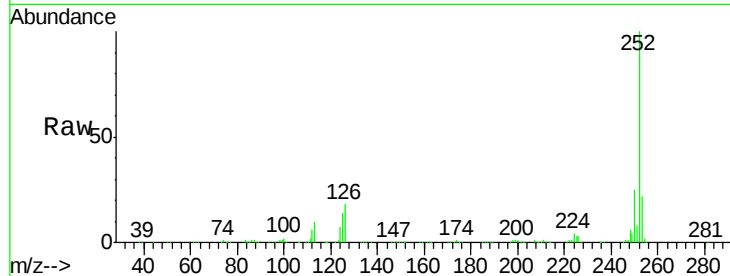




#89
Benzo(a)pyrene
Concen: 42.11 ng
RT: 15.45 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF083711.D
Acq: 11 Dec 2015 22:52

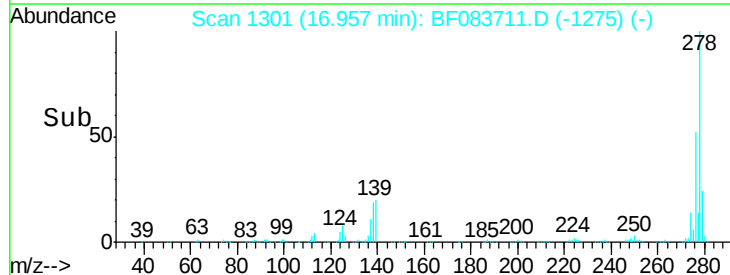
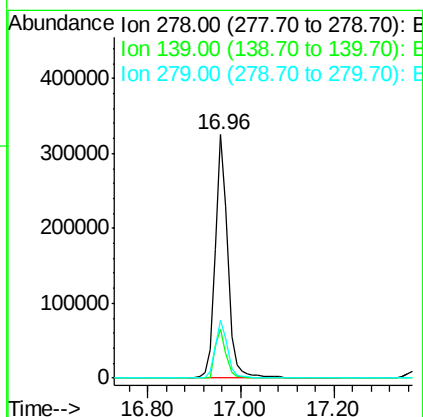
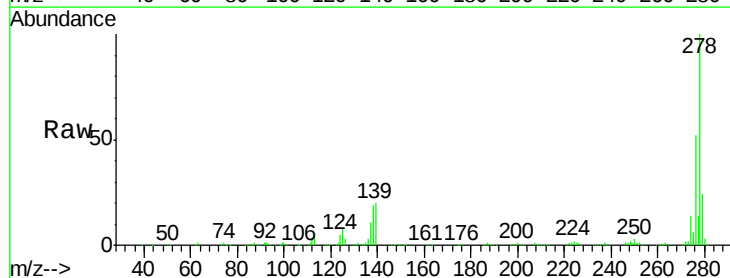
Instrument :
BNA_F
ClientSampleId :
PB87142BS

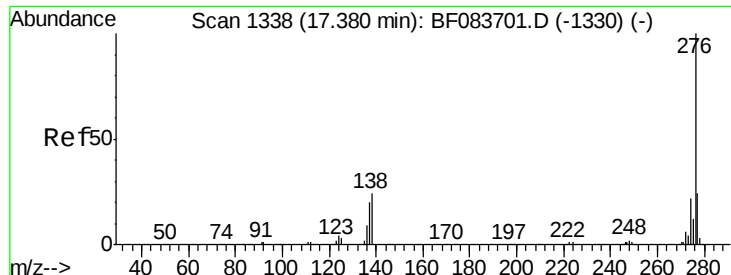
Tgt Ion:252 Resp: 576821
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 13.7 11.0 16.6



#90
Dibenzo(a,h)anthracene
Concen: 44.82 ng
RT: 16.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF083711.D
Acq: 11 Dec 2015 22:52

Tgt Ion:278 Resp: 608233
Ion Ratio Lower Upper
278 100
139 20.0 12.8 19.2#
279 23.9 18.6 28.0





#91

Benzo(g,h,i)perylene

Concen: 44.30 ng

RT: 17.37 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF083711.D

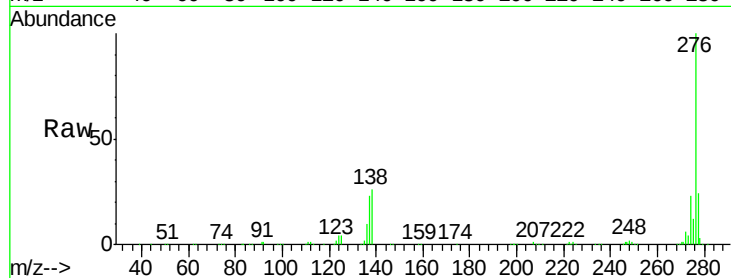
Acq: 11 Dec 2015 22:52

Instrument :

BNA_F

ClientSampleId :

PB87142BS



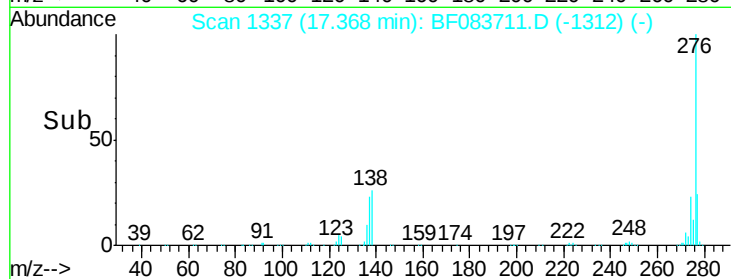
Tgt Ion: 276 Resp: 633954

Ion Ratio Lower Upper

276 100

277 23.7 19.2 28.8

138 26.4 19.5 29.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

