

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112115\
 Data File : BF083133.D
 Acq On : 22 Nov 2015 2:34
 Operator : UM/IZ
 Sample : PB86782BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86782BS

Quant Time: Nov 22 03:25:20 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 01:05:26 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	589308	20.00	ng	0.15
21) Naphthalene-d8	7.94	136	762977	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	387530	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	722809	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	632396	20.00	ng	-0.01
86) Perylene-d12	15.15	264	552995	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1285494	16.49	ng	-0.01
7) Phenol-d6	6.33	99	1812146	17.97	ng	-0.01
23) Nitrobenzene-d5	7.22	82	1100373	32.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	378361	47.72	ng	-0.01
44) 2-Fluorobiphenyl	9.03	172	1845560	33.20	ng	0.00
78) Terphenyl-d14	12.75	244	1913224	35.62	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.24	88	164966	8.54	ng	# 90
3) Pyridine	2.96	79	522850	10.25	ng	95
4) n-Nitrosodimethylamine	2.84	42	269593	11.46	ng	99
6) Aniline	6.40	93	497077	8.06	ng	# 50
8) 2-Chlorophenol	6.44	128	477460	11.34	ng	97
10) Phenol	6.34	94	611260	10.02	ng	# 73
11) bis(2-Chloroethyl)ether	6.40	93	497077	11.41	ng	98
12) 1,3-Dichlorobenzene	6.82	146	456528	9.49	ng	99
13) 1,4-Dichlorobenzene	6.82	146	456528	9.39	ng	97
14) 1,2-Dichlorobenzene	6.82	146	456528	10.33	ng	95
15) Benzyl Alcohol	6.82	79	459173	10.90	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.95	45	807604	11.89	ng	77
17) 2-Methylphenol	6.95	107	380528	10.92	ng	99
19) n-Nitroso-di-n-propylamine	7.08	70	370729	10.56	ng	98
20) 3+4-Methylphenols	7.10	107	521665	11.84	ng	94
22) Acetophenone	7.07	105	664840	30.35	ng	# 99
24) Nitrobenzene	7.24	77	585038	32.79	ng	97
25) Isophorone	7.50	82	1014323	32.08	ng	100
26) 2-Nitrophenol	7.56	139	250872	31.85	ng	96
27) 2,4-Dimethylphenol	7.62	122	423392	33.68	ng	95
28) bis(2-Chloroethoxy)methane	7.71	93	585805	31.87	ng	99
29) 2,4-Dichlorophenol	7.82	162	415965	34.79	ng	97
30) 1,2,4-Trichlorobenzene	7.88	180	404766	30.82	ng	97
31) Naphthalene	7.96	128	1333732	32.39	ng	99
32) Benzoic acid	7.77	122	291700	29.85	ng	96
33) 4-Chloroaniline	8.02	127	188289	11.79	ng	97
34) Hexachlorobutadiene	8.09	225	241841	31.16	ng	98
35) Caprolactam	8.52	113	12757	3.33	ng	# 14
36) 4-Chloro-3-methylphenol	8.52	107	442885	31.98	ng	89
37) 2-Methylnaphthalene	8.65	142	853548	31.94	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	393659	31.34	ng	98
40) Hexachlorocyclopentadiene	8.81	237	420127	58.82	ng	99
42) 2,4,6-Trichlorophenol	8.95	196	292376	32.50	ng	97
43) 2,4,5-Trichlorophenol	8.98	196	289724	31.50	ng	# 78

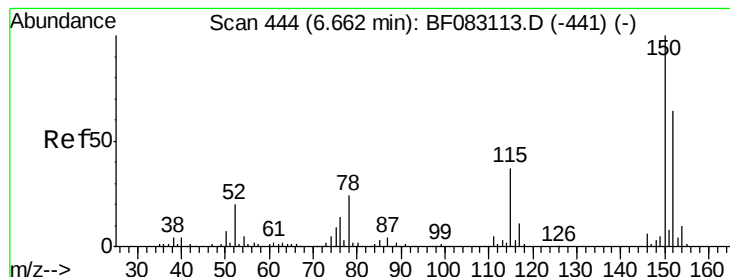
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.12	154	1043144	31.63	ng	98
46) 2-Chloronaphthalene	9.14	162	863274	33.32	ng	96
47) 2-Nitroaniline	9.24	65	294629	32.15	ng	95
48) Acenaphthylene	9.55	152	1320594	32.89	ng	99
49) Dimethylphthalate	9.44	163	991428	33.23	ng	# 97
50) 2,6-Dinitrotoluene	9.48	165	205348	30.67	ng	98
51) Acenaphthene	9.72	154	804291	32.92	ng	99
52) 3-Nitroaniline	9.66	138	103229	14.46	ng	# 71
53) 2,4-Dinitrophenol	9.76	184	249649	64.73	ng	89
54) Dibenzofuran	9.90	168	1165692	33.74	ng	97
55) 4-Nitrophenol	9.85	139	379313	69.30	ng	88
56) 2,4-Dinitrotoluene	9.88	165	275826	32.52	ng	98
57) Fluorene	10.24	166	940623	32.94	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.02	232	249900	33.12	ng	99
59) Diethylphthalate	10.12	149	958994	32.29	ng	95
60) 4-Chlorophenyl-phenylether	10.24	204	425933	32.57	ng	# 79
61) 4-Nitroaniline	10.27	138	213214	30.34	ng	91
62) Azobenzene	10.39	77	1151622	33.97	ng	98
64) 4,6-Dinitro-2-methylphenol	10.30	198	178642	35.87	ng	97
65) n-Nitrosodiphenylamine	10.35	169	807146	32.83	ng	99
66) 4-Bromophenyl-phenylether	10.72	248	273610	34.11	ng	# 92
67) Hexachlorobenzene	10.78	284	282176	31.95	ng	# 83
68) Atrazine	10.89	200	249001	34.88	ng	98
69) Pentachlorophenol	10.98	266	373701	64.95	ng	95
70) Phenanthrene	11.19	178	1339174	32.16	ng	99
71) Anthracene	11.24	178	1472927	34.67	ng	99
72) Carbazole	11.40	167	1295846	34.31	ng	100
73) Di-n-butylphthalate	11.75	149	1592142	34.54	ng	99
74) Fluoranthene	12.36	202	1431343	33.58	ng	97
76) Benzidine	12.50	184	550570	33.22	ng	100
77) Pyrene	12.59	202	1400449	32.41	ng	100
79) Butylbenzylphthalate	13.23	149	694853	33.98	ng	96
80) Benzo(a)anthracene	13.78	228	1446392	36.98	ng	100
81) 3,3'-Dichlorobenzidine	13.75	252	278511	20.46	ng	# 97
82) Chrysene	13.82	228	1074843	29.63	ng	100
83) Bis(2-ethylhexyl)phthalate	13.79	149	922897	34.56	ng	98
84) Di-n-octyl phthalate	14.40	149	1589897	34.58	ng	99
85) Indeno(1,2,3-cd)pyrene	16.42	276	1086596	32.94	ng	97
87) Benzo(b)fluoranthene	14.81	252	2231638	59.06	ng	# 98
88) Benzo(k)fluoranthene	14.81	252	2232006	79.29	ng	99
89) Benzo(a)pyrene	15.10	252	1026748	32.91	ng	# 94
90) Dibenzo(a,h)anthracene	16.43	278	910784	32.14	ng	97
91) Benzo(g,h,i)perylene	16.80	276	875998	31.67	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 422

Delta R.T. 0.15 min

Lab File: BF083133.D

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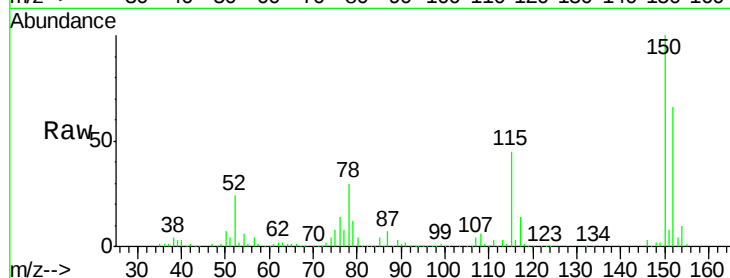
Tgt Ion:152 Resp: 589308

Ion Ratio Lower Upper

152 100

150 152.6 125.8 188.8

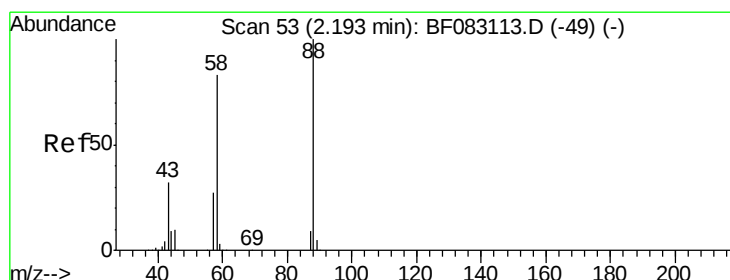
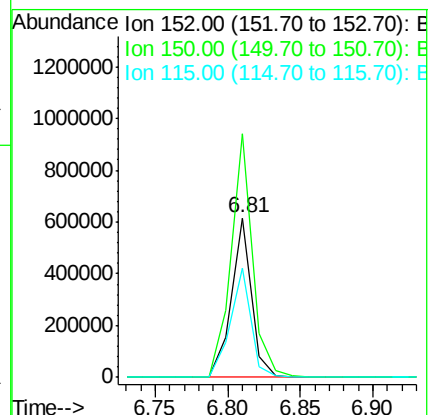
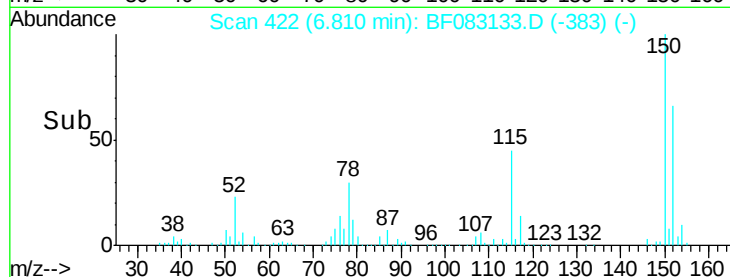
115 68.5 46.9 70.3



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: 8.54 ng

RT: 2.24 min Scan# 22

Delta R.T. 0.05 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

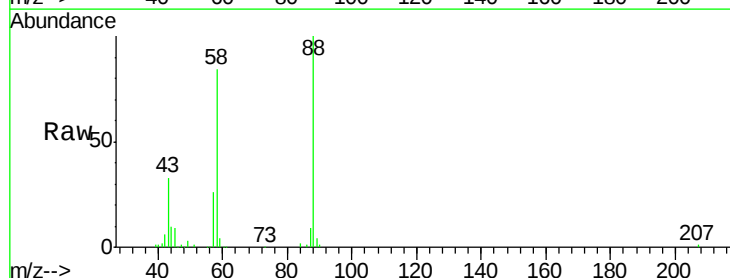
Tgt Ion: 88 Resp: 164966

Ion Ratio Lower Upper

88 100

58 89.3 65.0 97.6

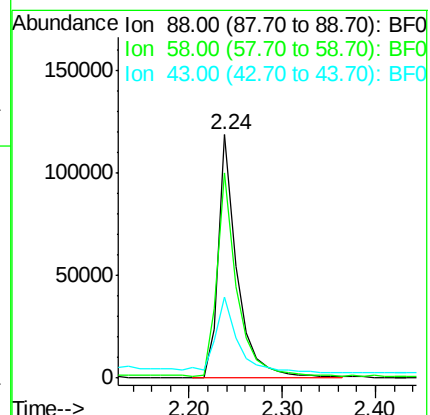
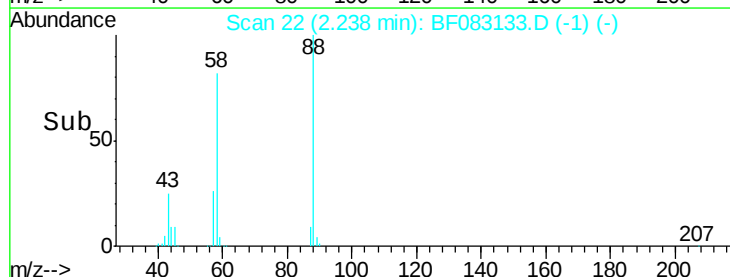
43 38.0 24.7 37.1#

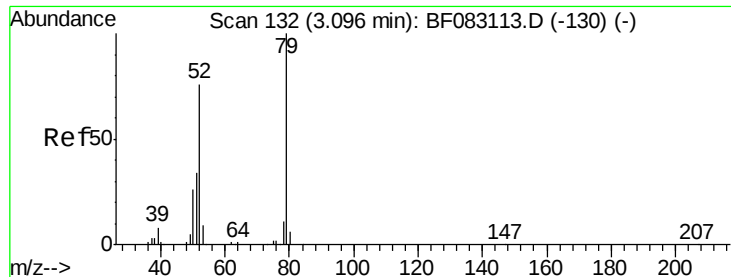


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 10.25 ng

RT: 2.96 min Scan# 85

Delta R.T. -0.14 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

Instrument :

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PB86782BS

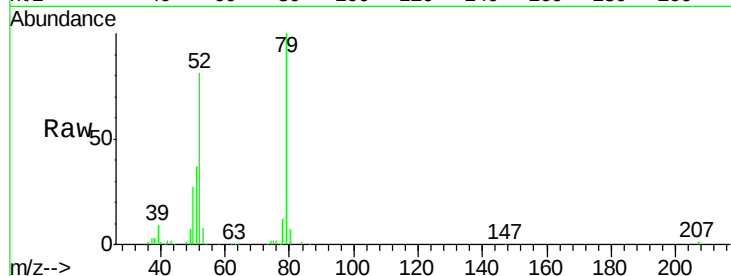
Tgt Ion: 79 Resp: 522850

Ion Ratio Lower Upper

79 100

52 81.0 60.7 91.1

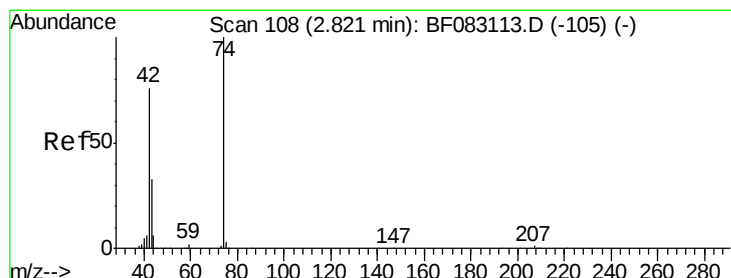
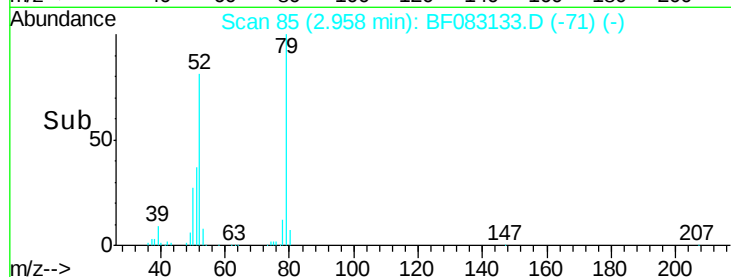
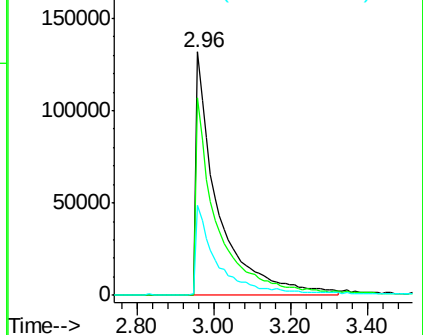
51 36.9 27.9 41.9



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: 11.46 ng

RT: 2.84 min Scan# 75

Delta R.T. 0.02 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

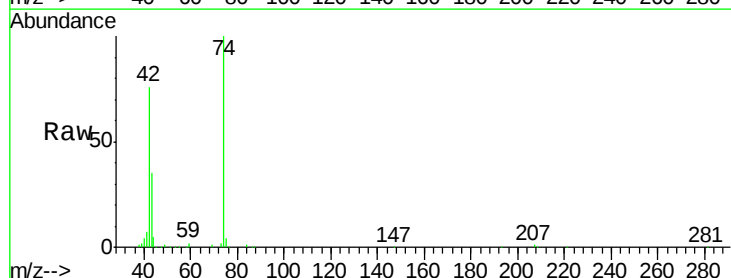
Tgt Ion: 42 Resp: 269593

Ion Ratio Lower Upper

42 100

74 132.2 104.8 157.2

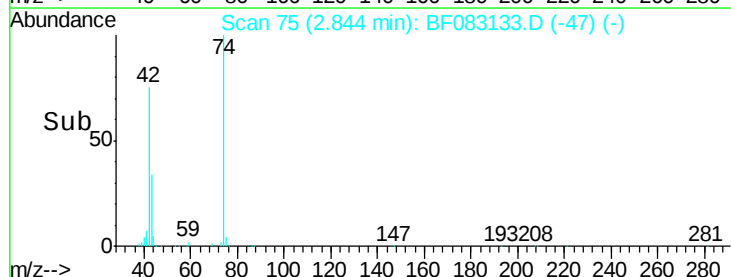
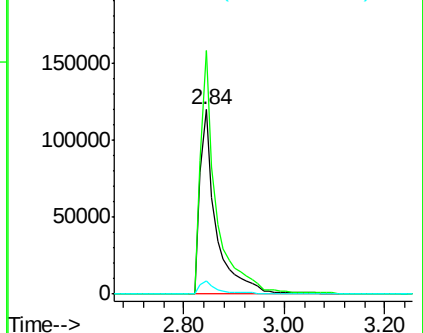
44 7.1 6.2 9.4

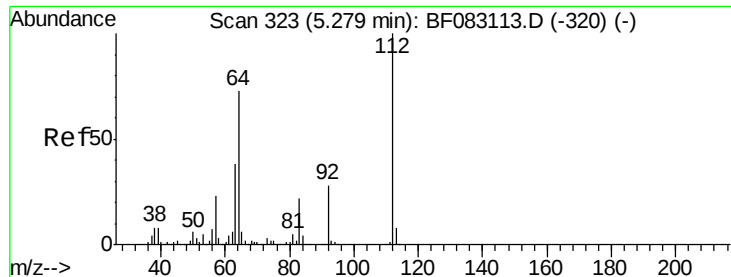


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 16.49 ng

RT: 5.27 min Scan# 287

Delta R.T. -0.01 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

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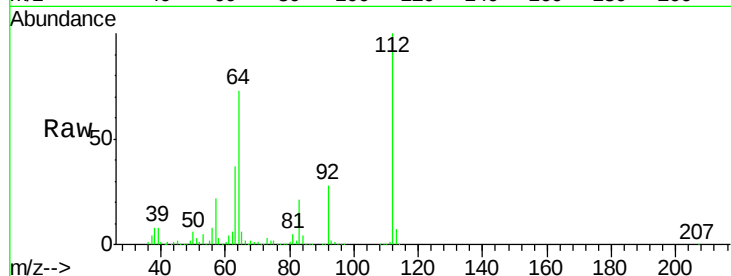
Tgt Ion:112 Resp: 1285494

Ion Ratio Lower Upper

112 100

64 72.5 58.4 87.6

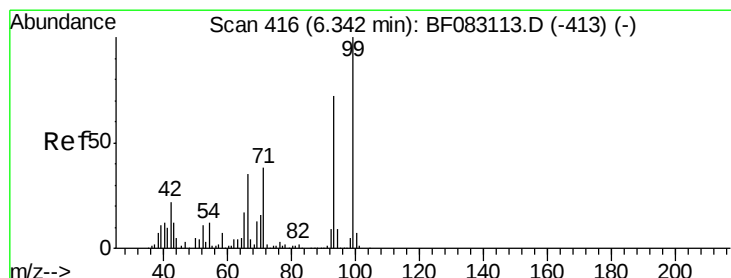
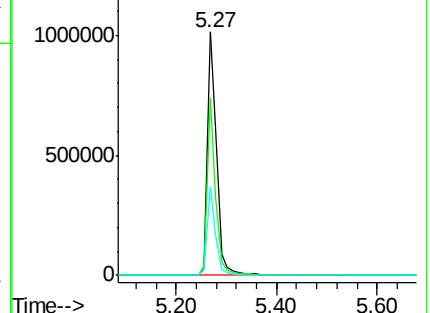
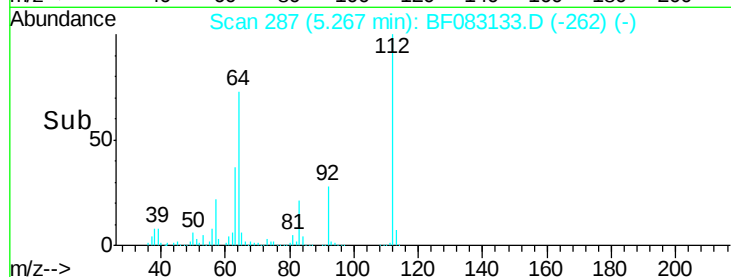
63 36.6 30.0 45.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 8.06 ng

RT: 6.40 min Scan# 386

Delta R.T. 0.06 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

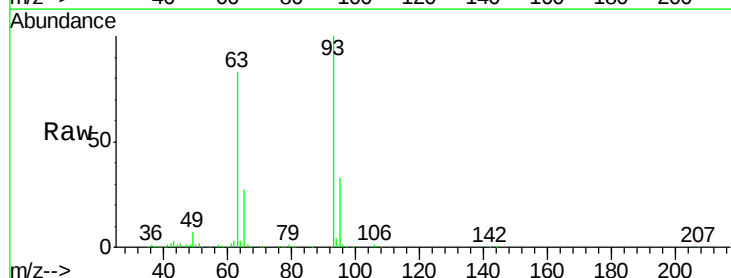
Tgt Ion: 93 Resp: 497077

Ion Ratio Lower Upper

93 100

66 0.9 38.7 58.1#

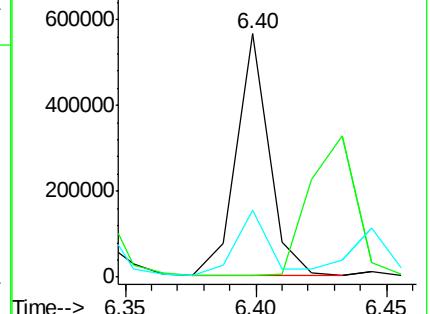
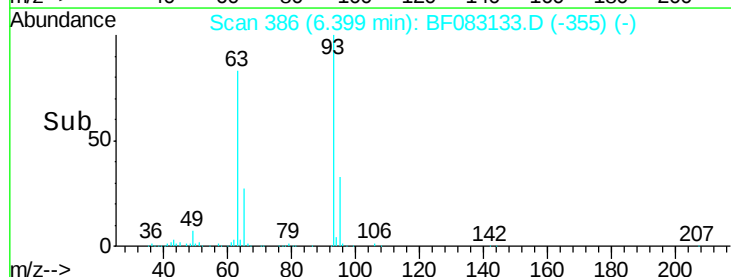
65 27.4 18.6 27.8

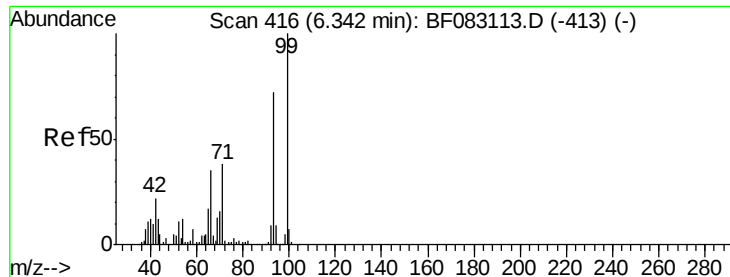


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 17.97 ng

RT: 6.33 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF083113.D

Acq: 22 Nov 2015 2:34

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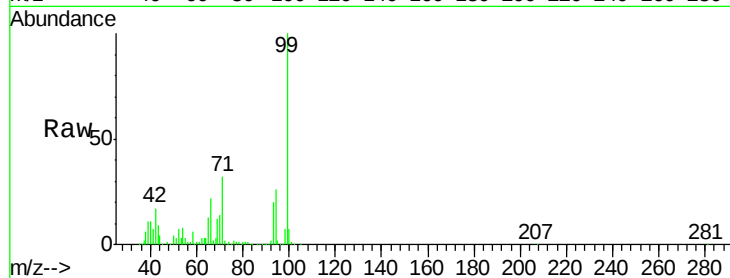
Tgt Ion: 99 Resp: 1812146

Ion Ratio Lower Upper

99 100

42 16.6 17.7 26.5#

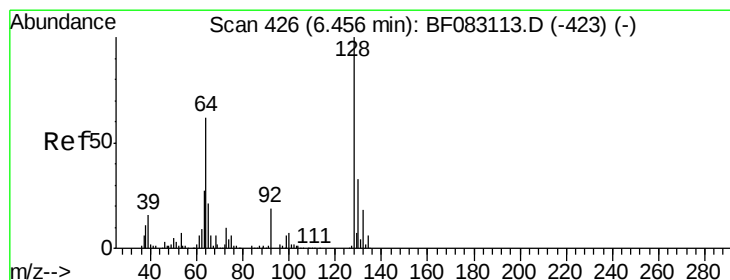
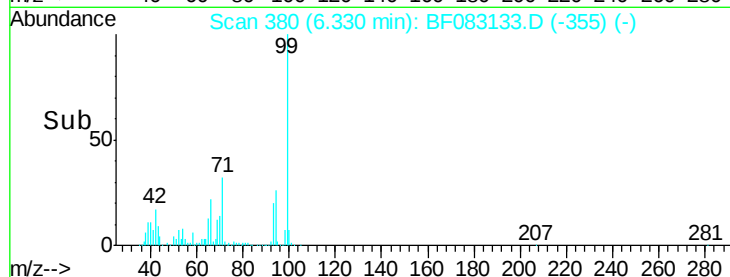
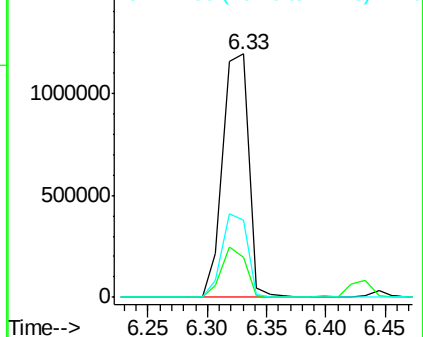
71 31.5 30.2 45.4



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 11.34 ng

RT: 6.44 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF083113.D

Acq: 22 Nov 2015 2:34

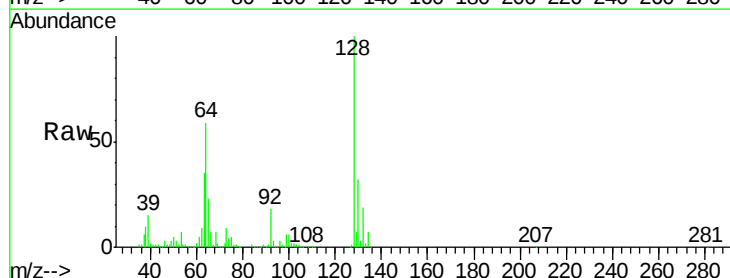
Tgt Ion: 128 Resp: 477460

Ion Ratio Lower Upper

128 100

130 31.7 12.6 52.6

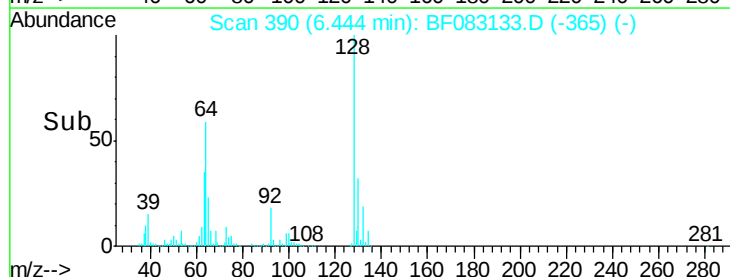
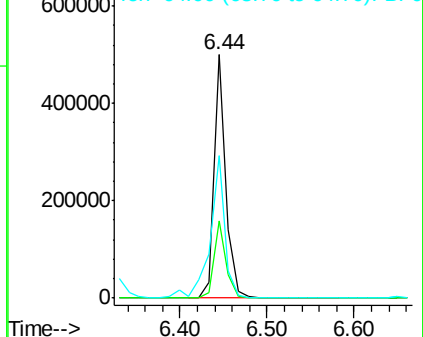
64 58.7 41.9 81.9

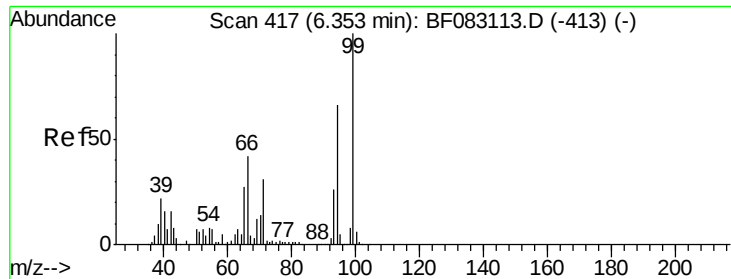


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

Concen: 10.02 ng

RT: 6.34 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

Instrument :

BNA_F

ClientSampleId :

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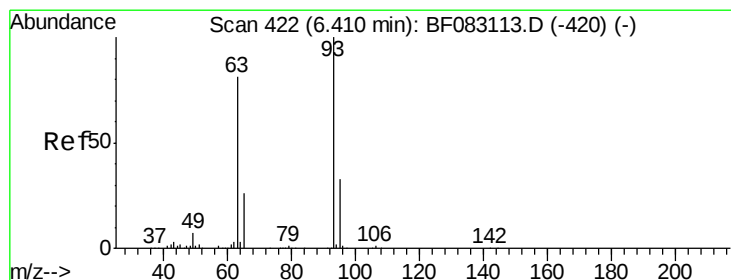
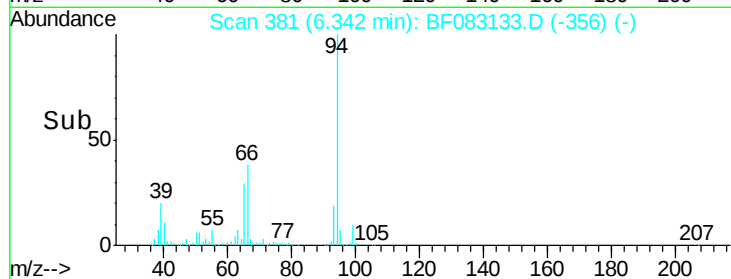
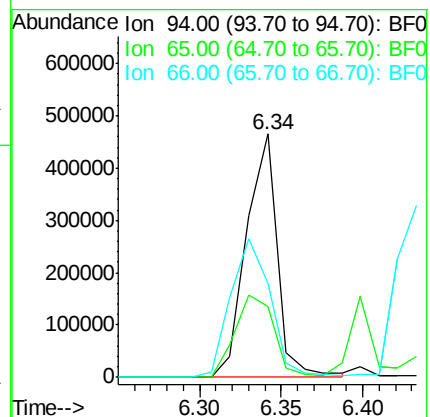
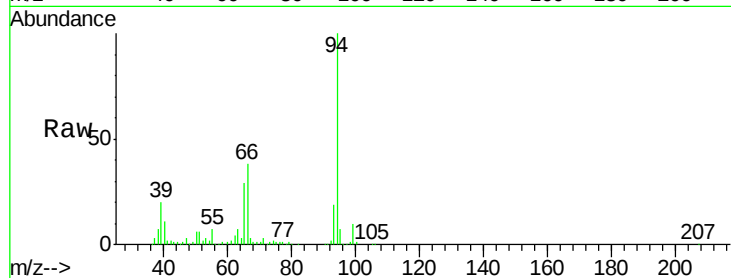
Tgt Ion: 94 Resp: 611260

Ion Ratio Lower Upper

94 100

65 29.3 21.1 61.1

66 38.3 43.1 83.1#



#11

bis(2-Chloroethyl)ether

Concen: 11.41 ng

RT: 6.40 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

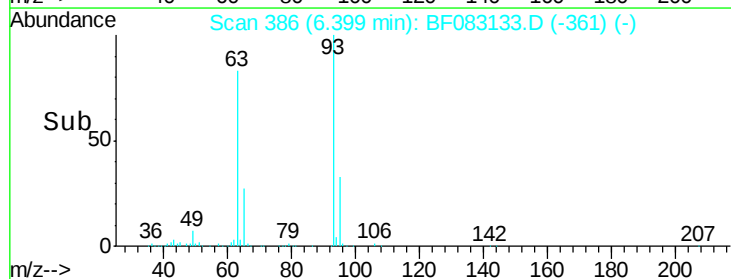
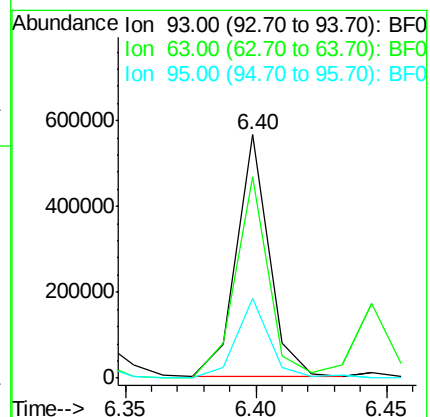
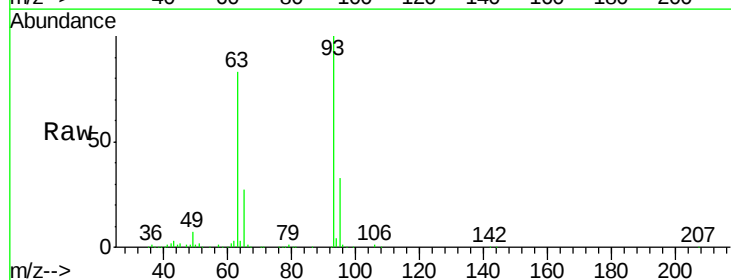
Tgt Ion: 93 Resp: 497077

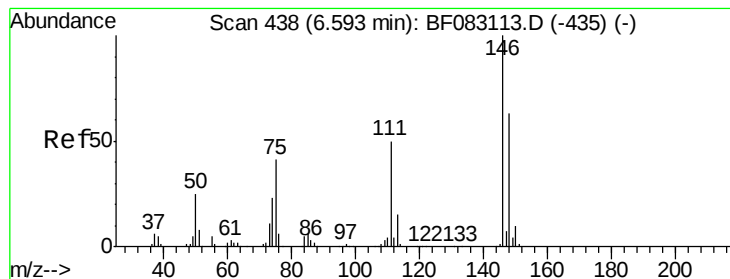
Ion Ratio Lower Upper

93 100

63 82.5 59.8 99.8

95 32.6 13.0 53.0





#12

1,3-Dichlorobenzene

Concen: 9.49 ng

RT: 6.82 min Scan# 423

Delta R.T. 0.23 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

Instrument :

BNA_F

ClientSampleId :

PB86782BS

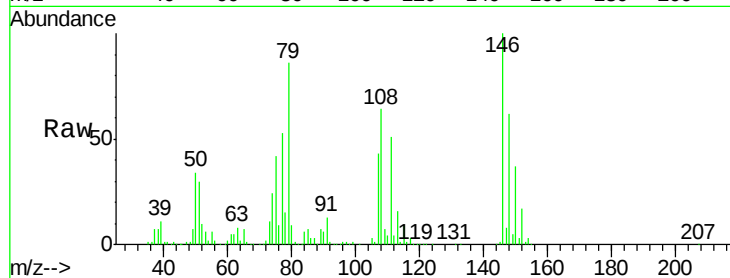
Tgt Ion:146 Resp: 456528

Ion Ratio Lower Upper

146 100

148 62.4 50.2 75.2

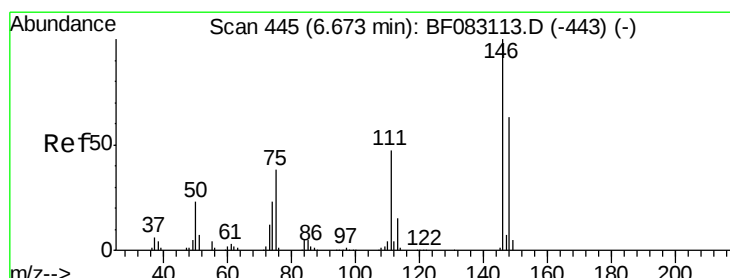
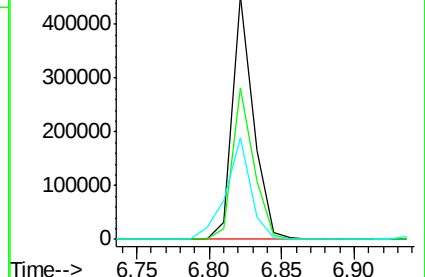
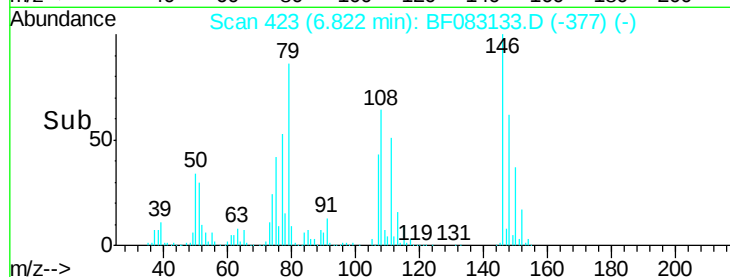
75 41.9 32.7 49.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 9.39 ng

RT: 6.82 min Scan# 423

Delta R.T. 0.15 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

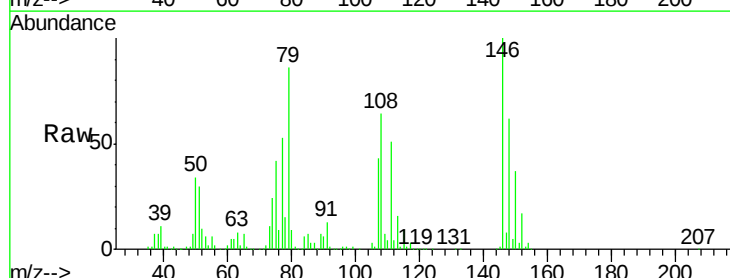
Tgt Ion:146 Resp: 456528

Ion Ratio Lower Upper

146 100

148 62.4 50.2 75.2

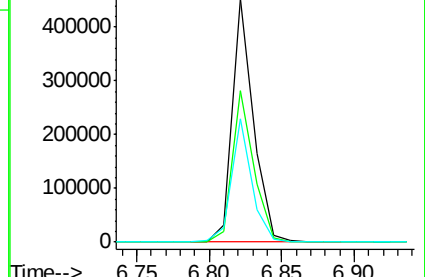
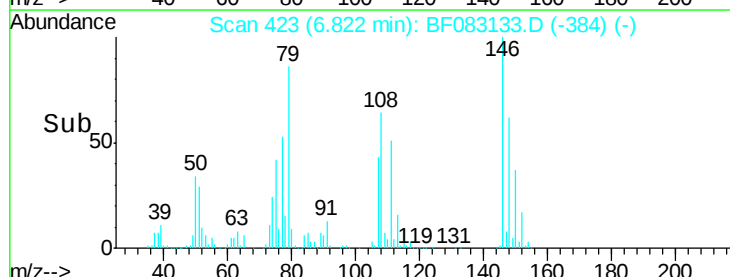
111 50.6 37.5 56.3

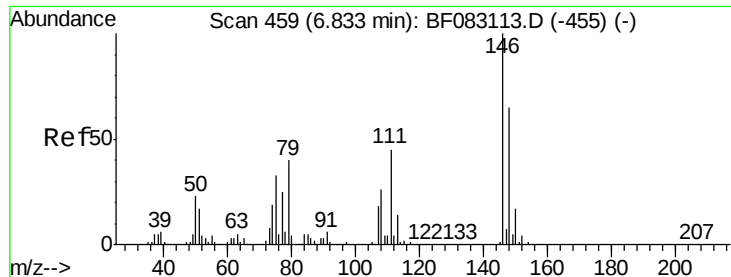


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 10.33 ng

RT: 6.82 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

Instrument :

BNA_F

ClientSampleId :

PB86782BS

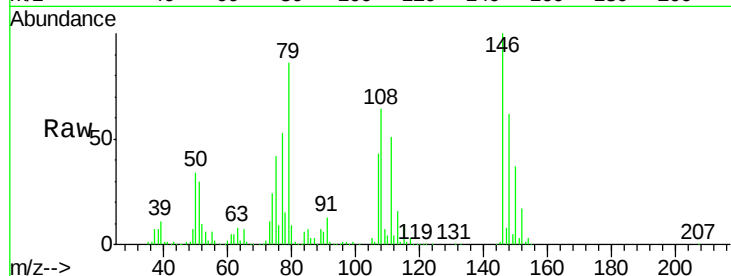
Tgt Ion:146 Resp: 456528

Ion Ratio Lower Upper

146 100

148 62.4 51.8 77.6

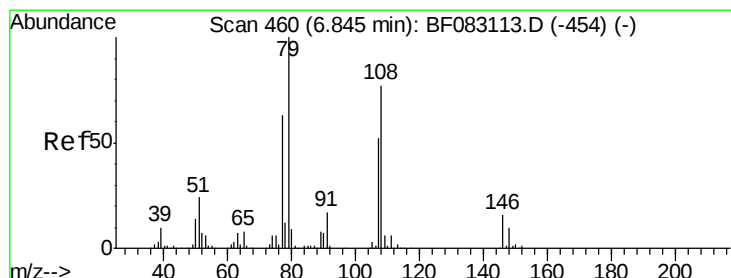
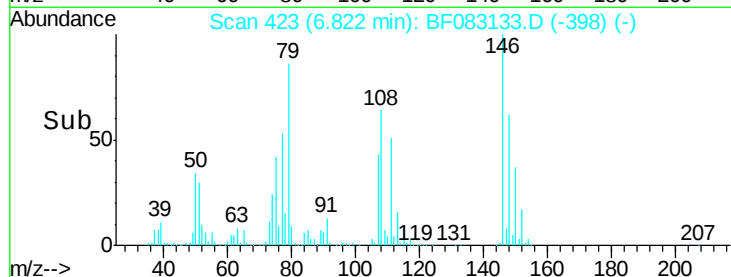
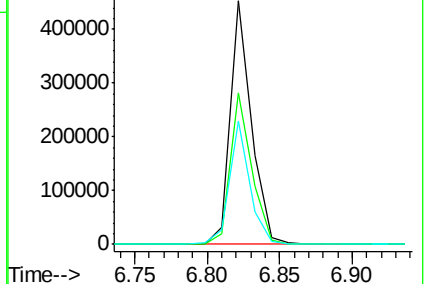
111 50.6 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 10.90 ng

RT: 6.82 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

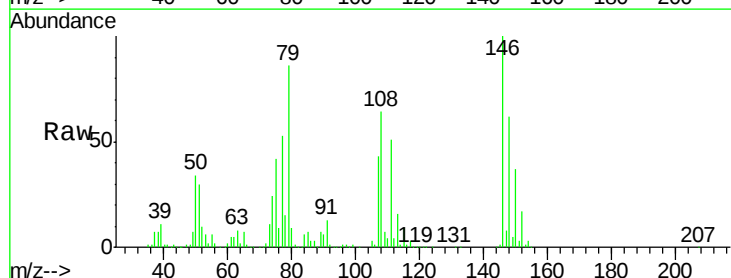
Tgt Ion: 79 Resp: 459173

Ion Ratio Lower Upper

79 100

108 74.0 61.4 92.2

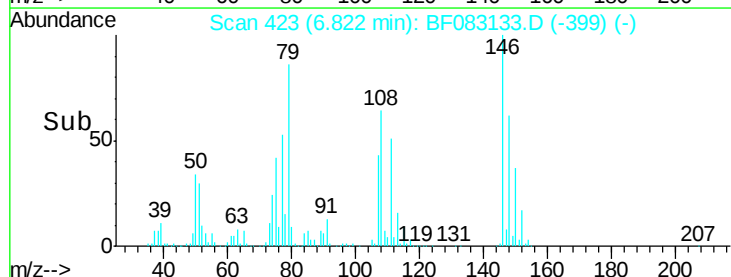
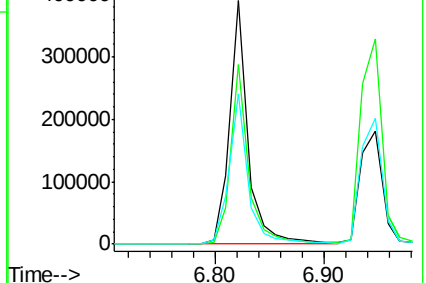
77 61.6 50.5 75.7

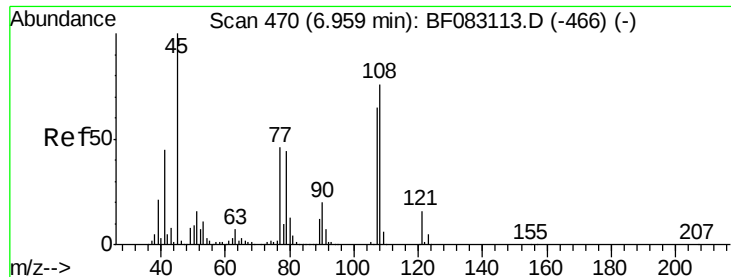


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

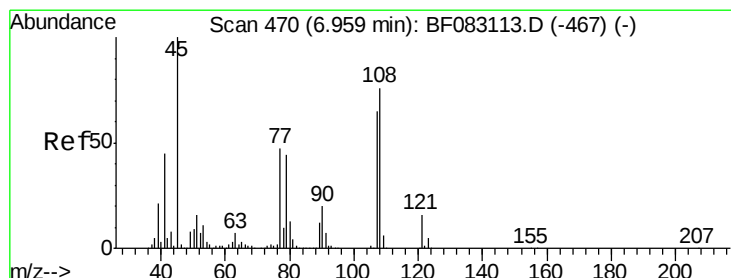
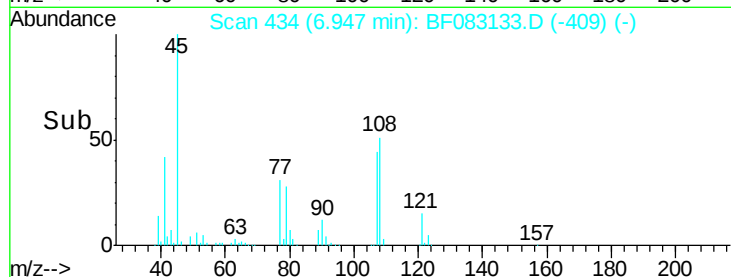
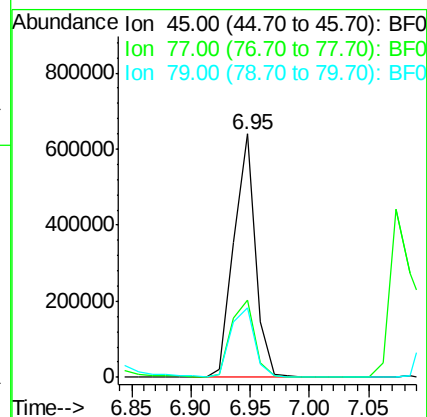
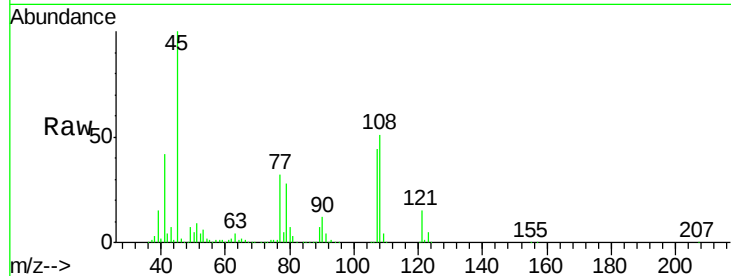




#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 11.89 ng
 RT: 6.95 min Scan# 434
 Delta R.T. -0.01 min
 Lab File: BF083133.D
 Acq: 22 Nov 2015 2:34

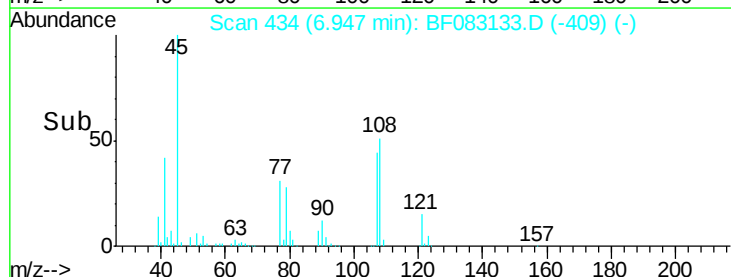
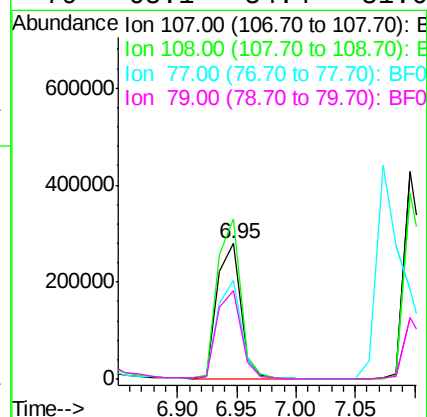
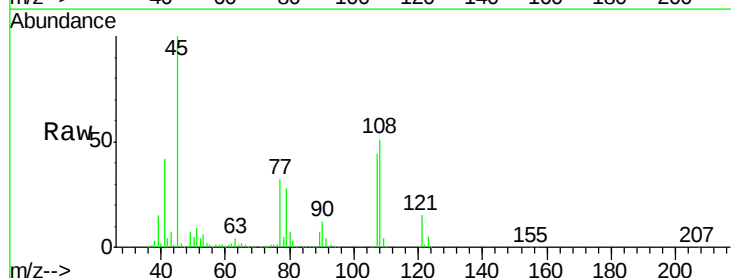
Instrument :
 BNA_F
 ClientSampleId :
 PB86782BS

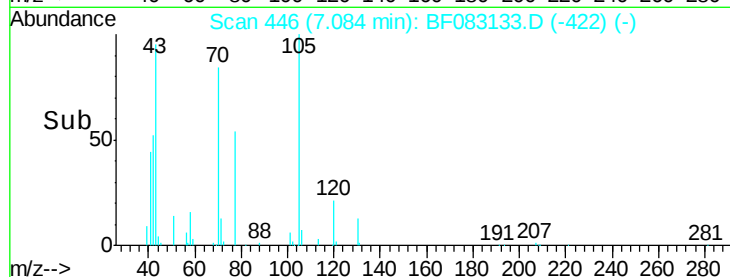
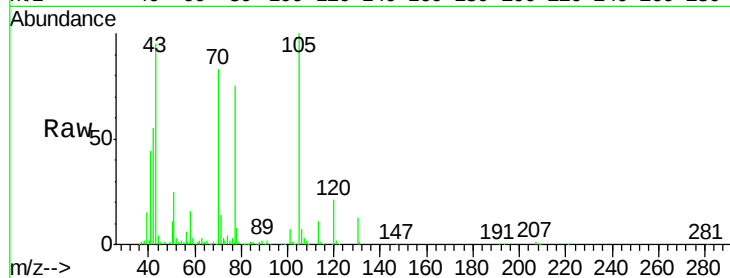
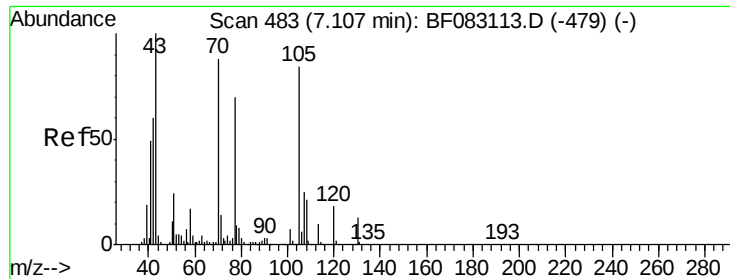
Tgt Ion: 45 Resp: 807604
 Ion Ratio Lower Upper
 45 100
 77 31.6 26.7 66.7
 79 28.5 24.3 64.3



#17
 2-Methylphenol
 Concen: 10.92 ng
 RT: 6.95 min Scan# 434
 Delta R.T. -0.01 min
 Lab File: BF083133.D
 Acq: 22 Nov 2015 2:34

Tgt Ion: 107 Resp: 380528
 Ion Ratio Lower Upper
 107 100
 108 117.9 93.8 140.6
 77 72.5 57.4 86.0
 79 65.1 54.4 81.6

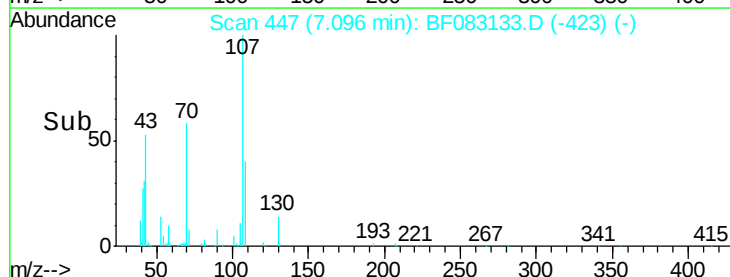
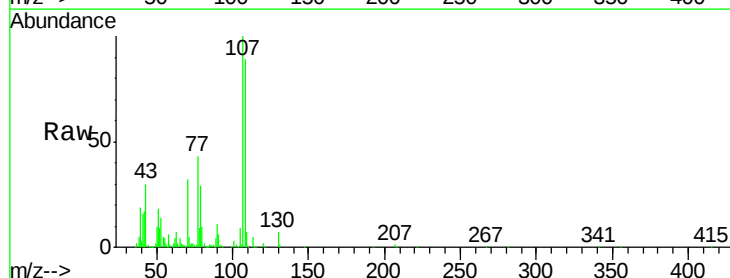
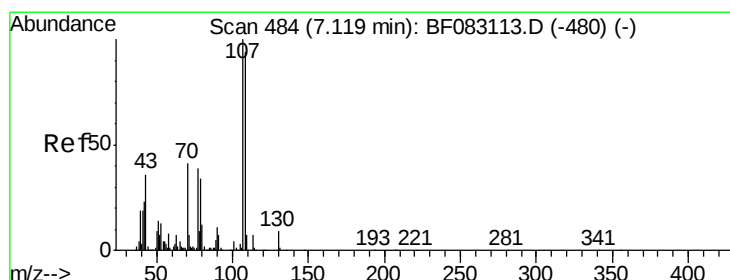
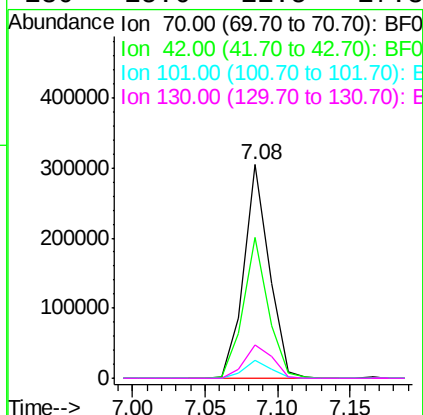




#19
n-Nitroso-di-n-propylamine
Concen: 10.56 ng
RT: 7.08 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF083133.D
Acq: 22 Nov 2015 2:34

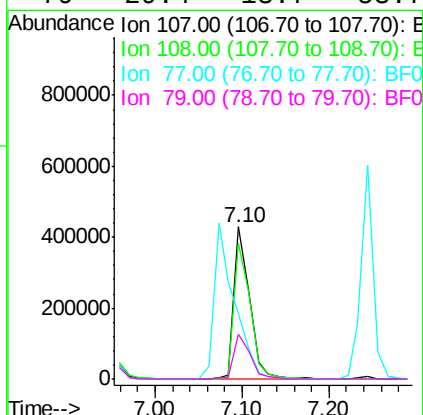
Instrument :
BNA_F
ClientSampleId :
PB86782BS

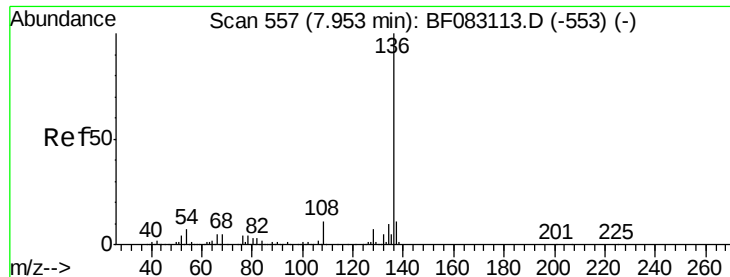
Tgt Ion:	70	Resp:	370729
Ion	Ratio	Lower	Upper
70	100		
42	66.2	54.5	81.7
101	8.3	6.6	9.8
130	15.6	11.5	17.3



#20
3+4-Methylphenols
Concen: 11.84 ng
RT: 7.10 min Scan# 447
Delta R.T. -0.02 min
Lab File: BF083133.D
Acq: 22 Nov 2015 2:34

Tgt Ion:	107	Resp:	521665
Ion	Ratio	Lower	Upper
107	100		
108	89.3	73.8	113.8
77	43.3	19.1	59.1
79	29.4	13.7	53.7





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 521

Delta R.T. -0.01 min

Lab File: BF083113.D

Acq: 22 Nov 2015 2:34

Instrument :

BNA_F

ClientSampleId :

PB86782BS

Tgt Ion:136 Resp: 762977

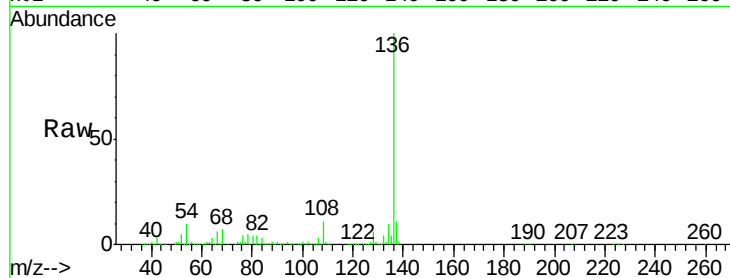
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 9.8 5.8 8.6#

68 6.9 3.8 5.8#

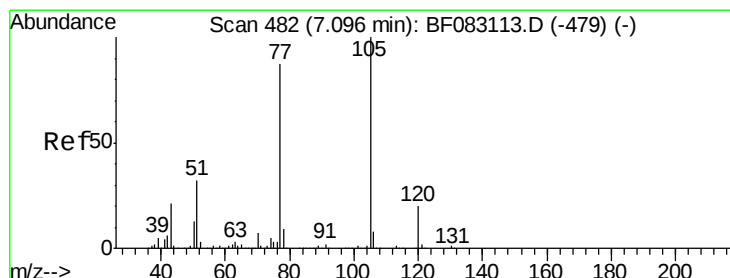
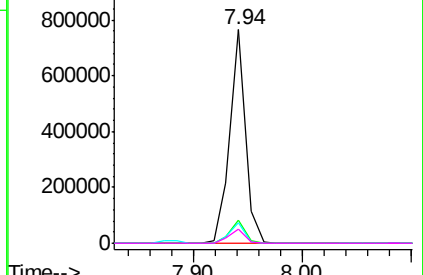
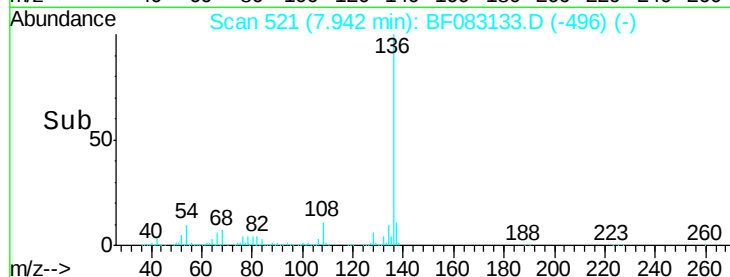


Abundance Ion 136.00 (135.70 to 136.70): E

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: 30.35 ng

RT: 7.07 min Scan# 445

Delta R.T. -0.02 min

Lab File: BF083113.D

Acq: 22 Nov 2015 2:34

Tgt Ion:105 Resp: 664840

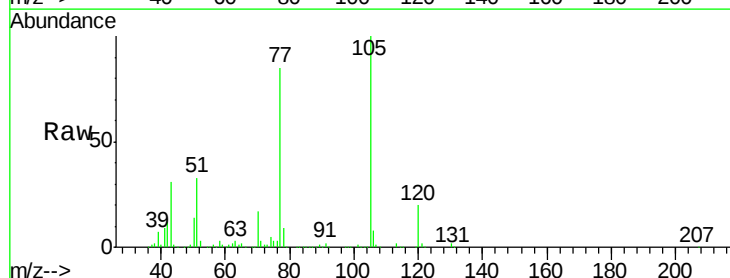
Ion Ratio Lower Upper

105 100

71 2.6 1.0 1.4#

51 32.8 25.6 38.4

120 19.7 15.8 23.6

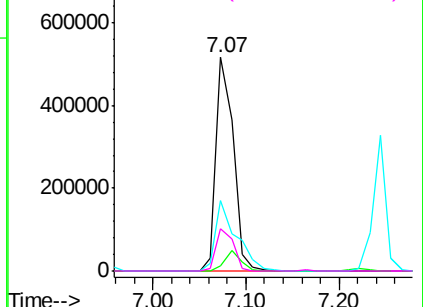
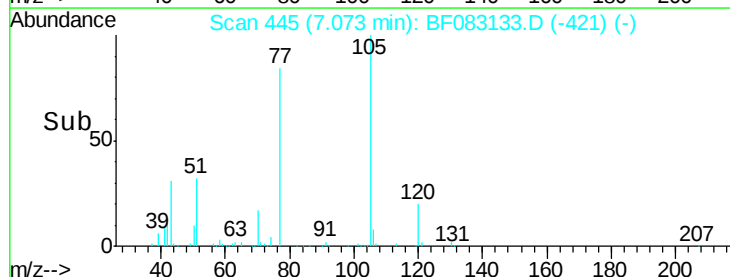


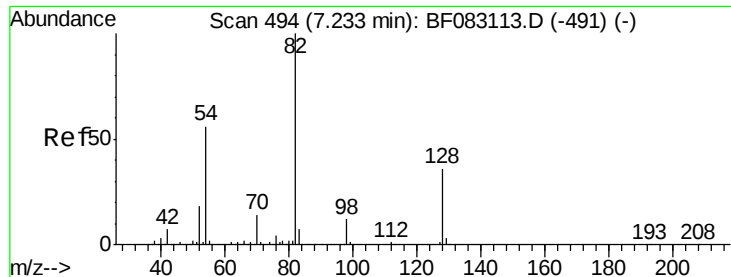
Abundance Ion 105.00 (104.70 to 105.70): E

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

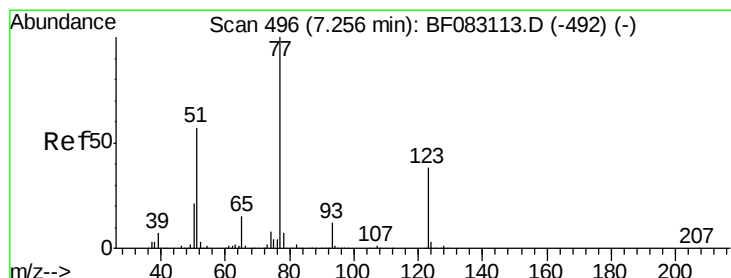
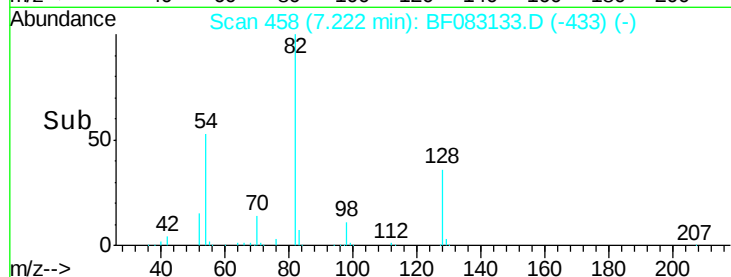
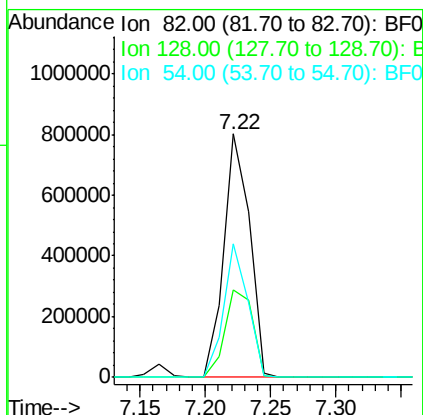
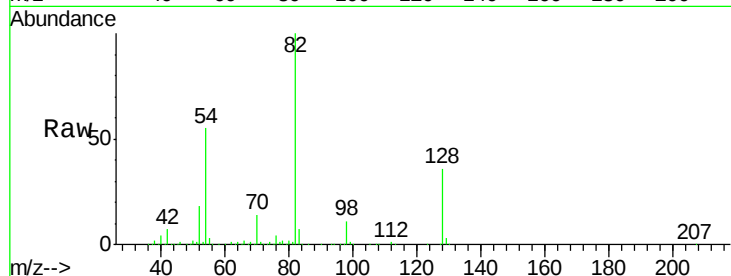




#23
 Nitrobenzene-d5
 Concen: 32.95 ng
 RT: 7.22 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: BF083133.D
 Acq: 22 Nov 2015 2:34

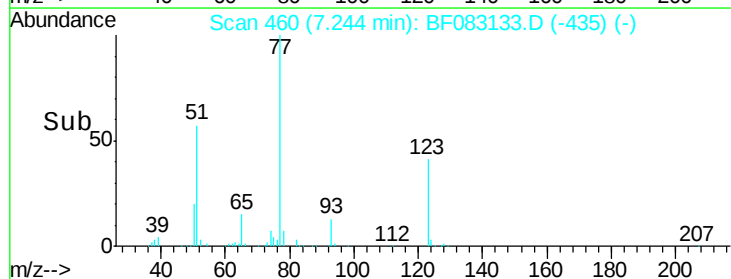
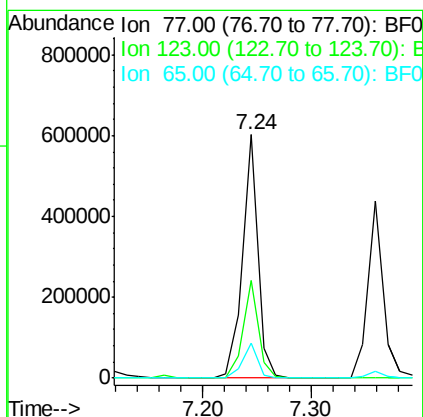
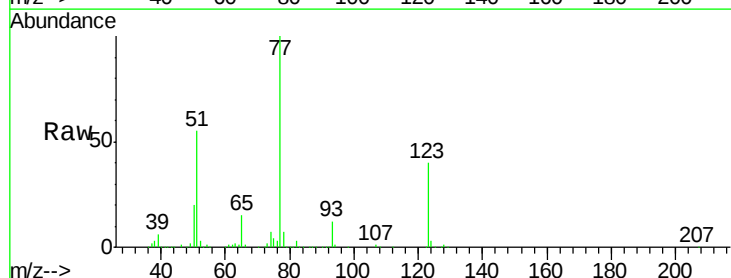
Instrument :
 BNA_F
 ClientSampleId :
 PB86782BS

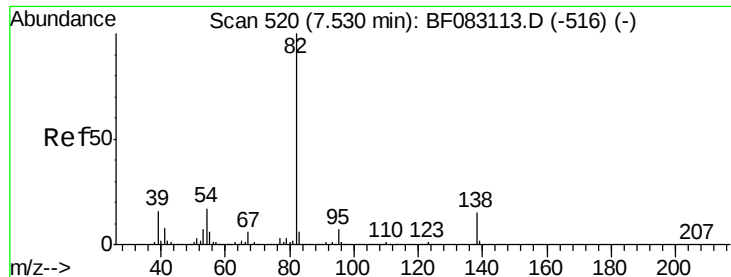
Tgt Ion: 82 Resp: 1100373
 Ion Ratio Lower Upper
 82 100
 128 36.0 28.5 42.7
 54 54.7 44.6 67.0



#24
 Nitrobenzene
 Concen: 32.79 ng
 RT: 7.24 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF083133.D
 Acq: 22 Nov 2015 2:34

Tgt Ion: 77 Resp: 585038
 Ion Ratio Lower Upper
 77 100
 123 40.1 30.1 45.1
 65 14.5 11.6 17.4

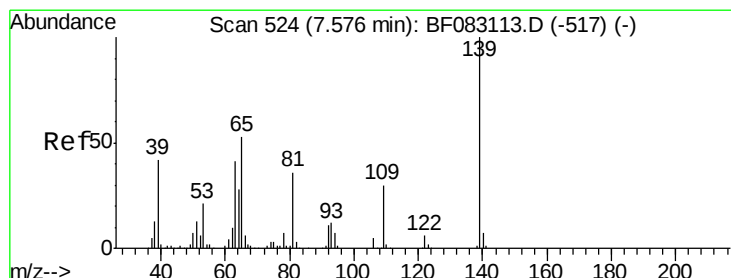
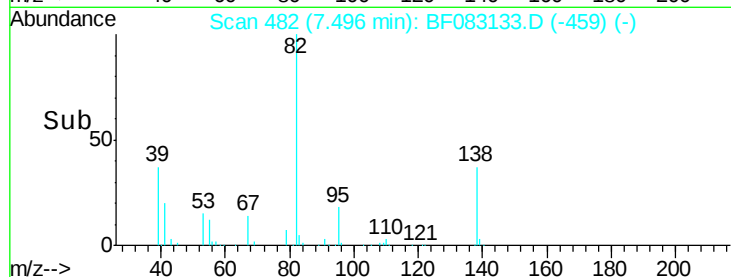
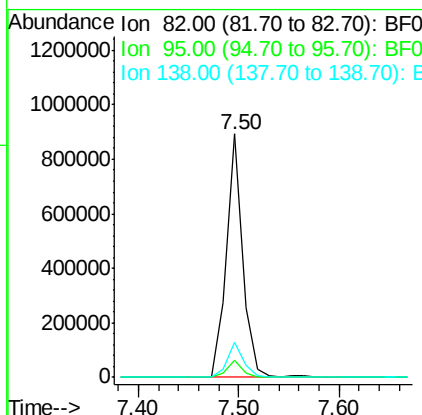
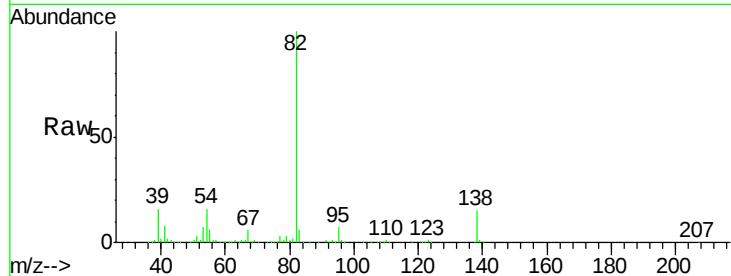




#25
Isophorone
Concen: 32.08 ng
RT: 7.50 min Scan# 482
Delta R.T. -0.03 min
Lab File: BF083113.D
Acq: 22 Nov 2015 2:34

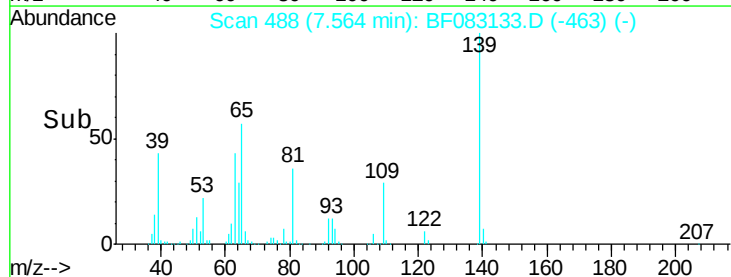
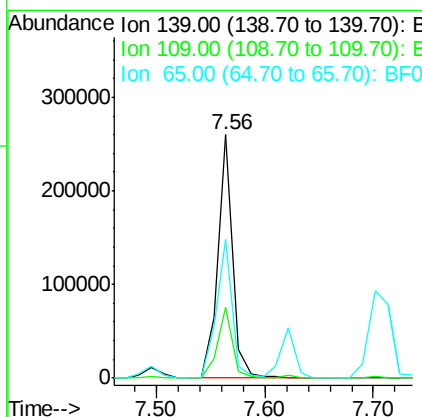
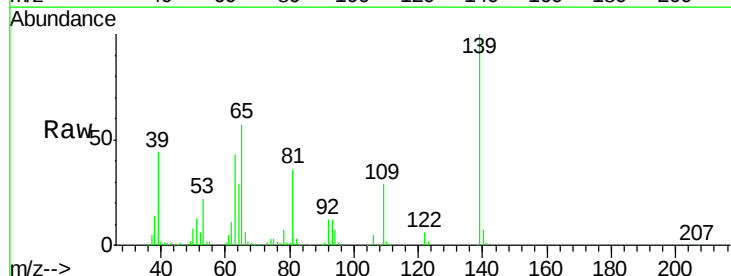
Instrument :
BNA_F
ClientSampleId :
PB86782BS

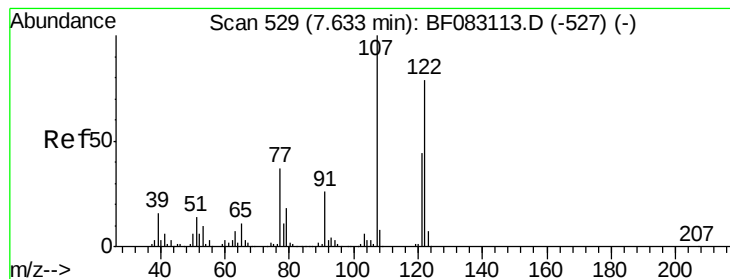
Tgt Ion: 82 Resp: 1014323
Ion Ratio Lower Upper
82 100
95 6.9 5.8 8.8
138 14.5 11.6 17.4



#26
2-Nitrophenol
Concen: 31.85 ng
RT: 7.56 min Scan# 488
Delta R.T. -0.01 min
Lab File: BF083113.D
Acq: 22 Nov 2015 2:34

Tgt Ion: 139 Resp: 250872
Ion Ratio Lower Upper
139 100
109 29.3 23.9 35.9
65 57.1 42.7 64.1





#27

2,4-Dimethylphenol

Concen: 33.68 ng

RT: 7.62 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

Instrument :

BNA_F

ClientSampleId :

PB86782BS

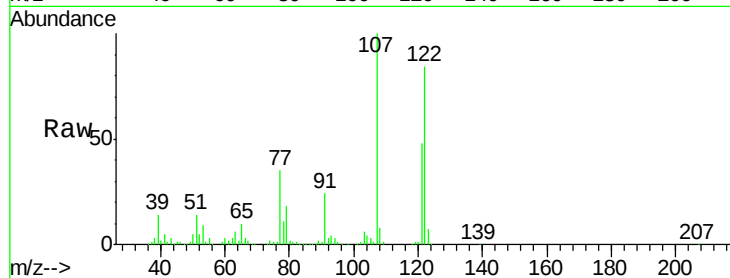
Tgt Ion:122 Resp: 423392

Ion Ratio Lower Upper

122 100

107 119.4 101.1 151.7

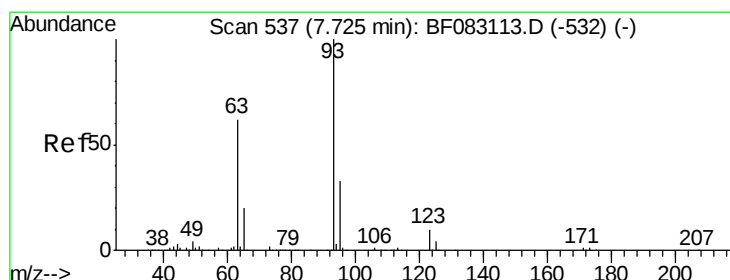
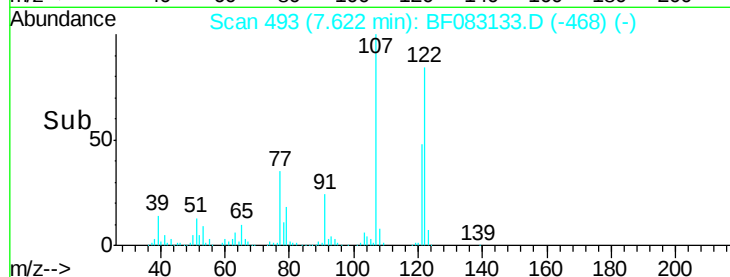
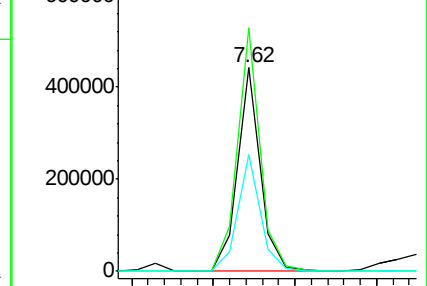
121 57.1 44.9 67.3



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: 31.87 ng

RT: 7.71 min Scan# 501

Delta R.T. -0.01 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

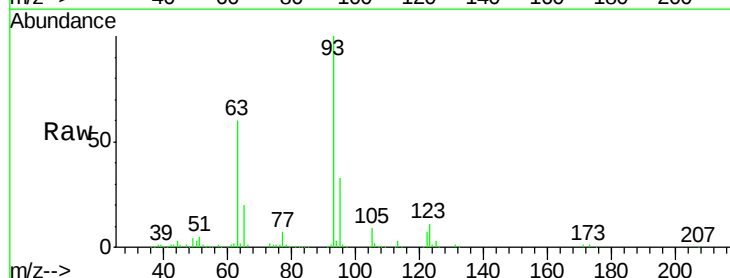
Tgt Ion: 93 Resp: 585805

Ion Ratio Lower Upper

93 100

95 33.1 26.5 39.7

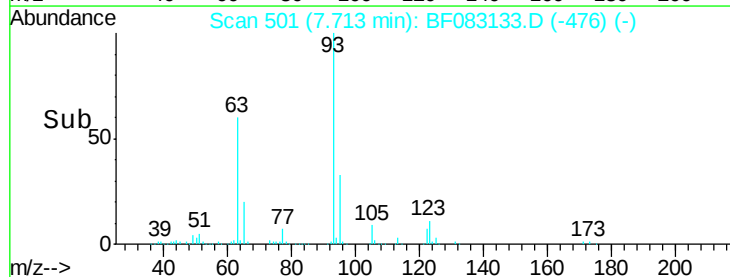
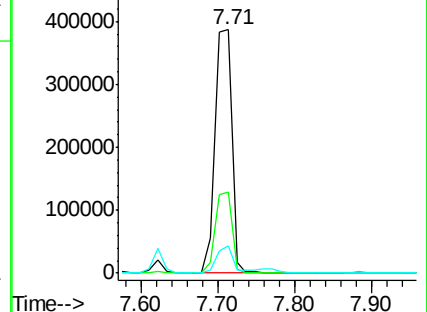
123 11.4 8.1 12.1

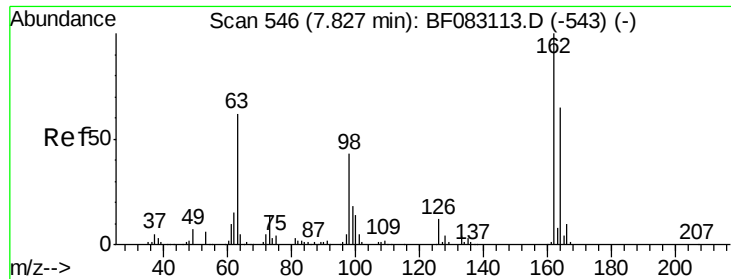


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

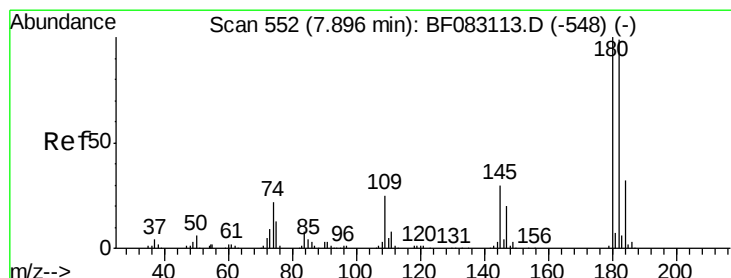
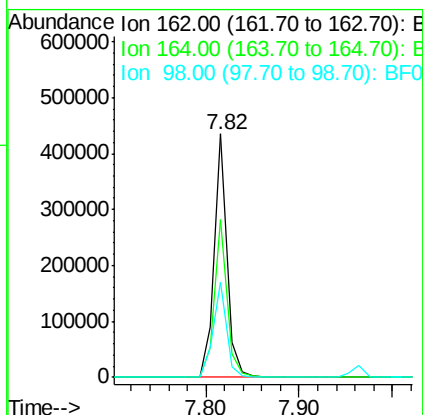
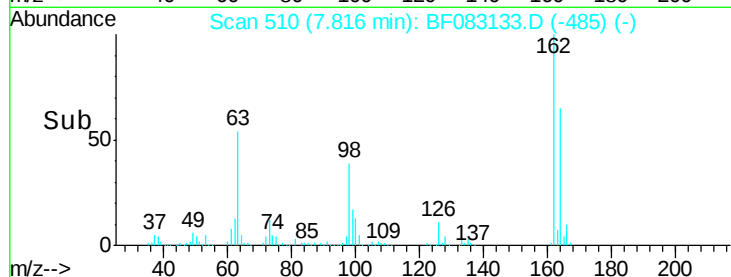
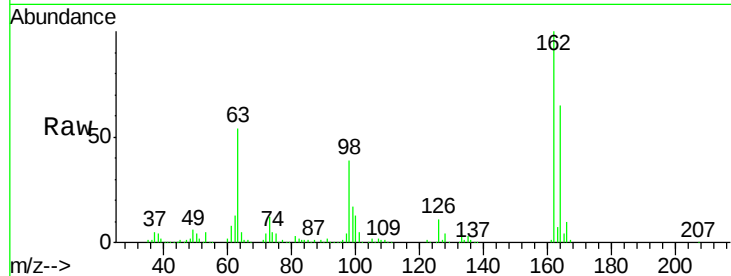




#29
 2,4-Dichlorophenol
 Concen: 34.79 ng
 RT: 7.82 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF083113.D
 Acq: 22 Nov 2015 2:34

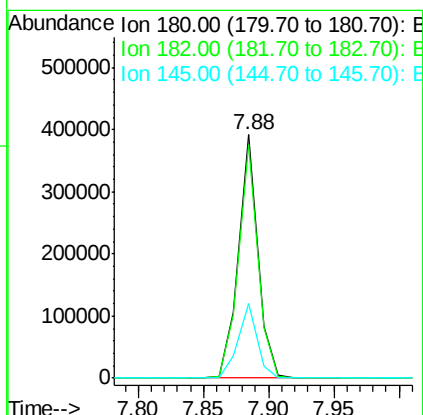
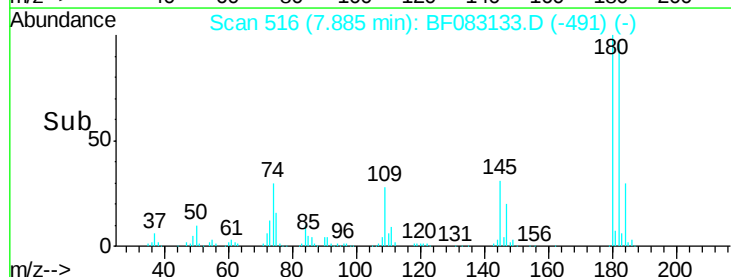
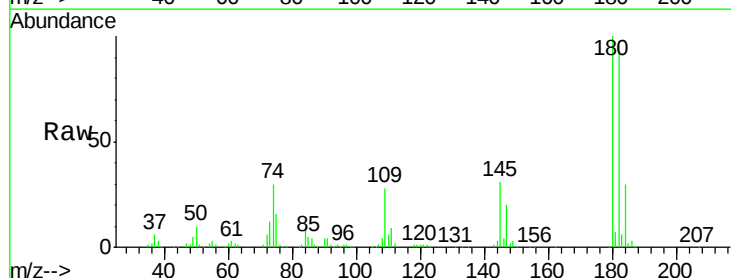
Instrument :
 BNA_F
 ClientSampleId :
 PB86782BS

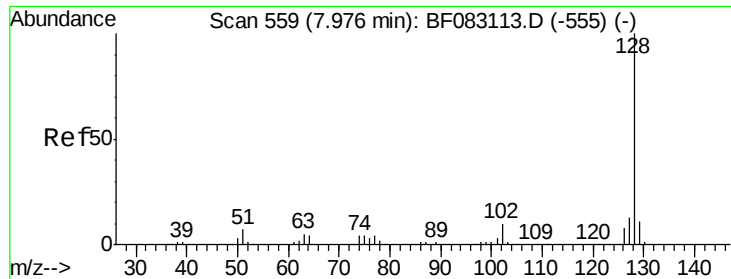
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.9	44.8	84.8
98	38.9	23.1	63.1



#30
 1,2,4-Trichlorobenzene
 Concen: 30.82 ng
 RT: 7.88 min Scan# 516
 Delta R.T. -0.01 min
 Lab File: BF083113.D
 Acq: 22 Nov 2015 2:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	79.0	118.6
145	30.9	24.2	36.2

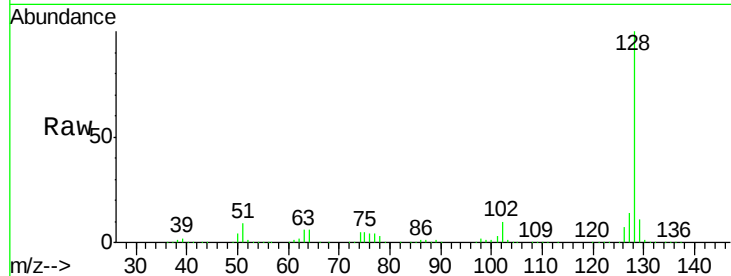




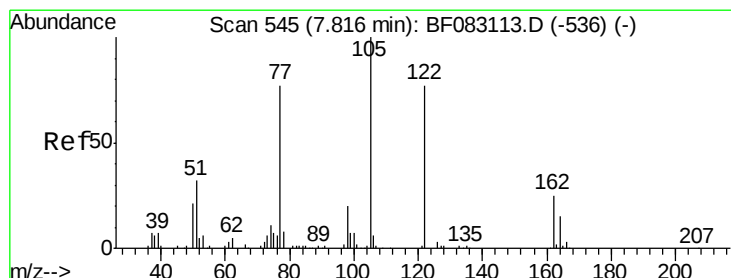
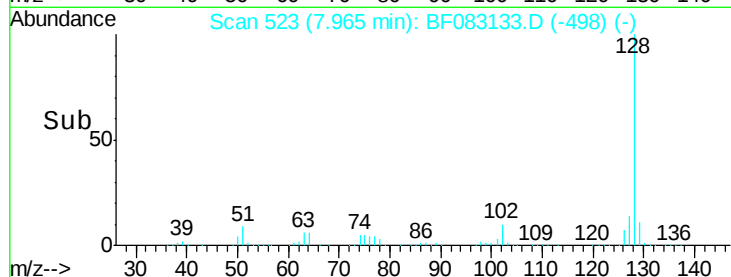
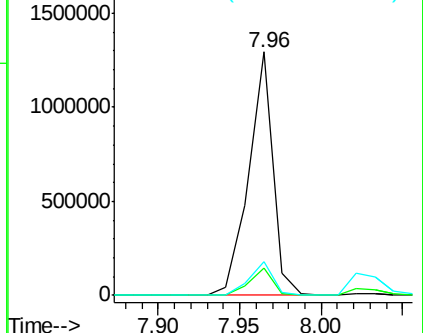
#31
Naphthalene
Concen: 32.39 ng
RT: 7.96 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF083113.D
Acq: 22 Nov 2015 2:34

Instrument :
BNA_F
ClientSampleId :
PB86782BS

Tgt Ion:128 Resp: 1333732
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.4
127 13.7 10.6 15.8

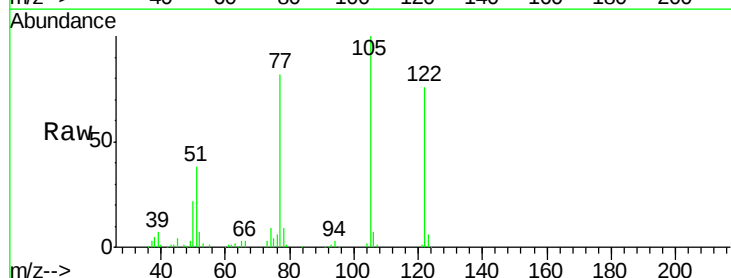


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

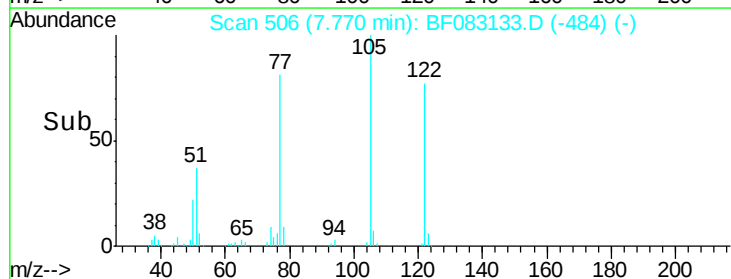
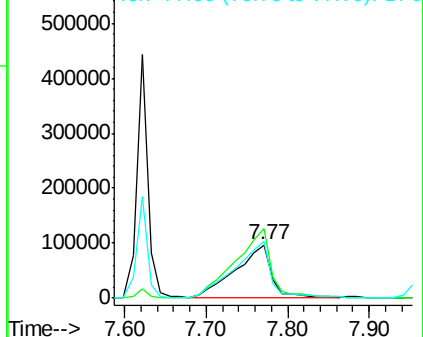


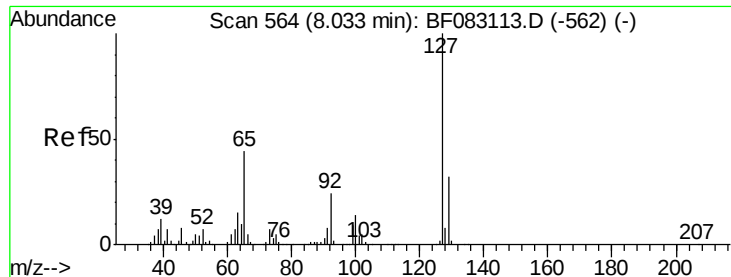
#32
Benzoic acid
Concen: 29.85 ng
RT: 7.77 min Scan# 506
Delta R.T. -0.05 min
Lab File: BF083113.D
Acq: 22 Nov 2015 2:34

Tgt Ion:122 Resp: 291700
Ion Ratio Lower Upper
122 100
105 130.9 109.7 149.7
77 107.9 79.7 119.7



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

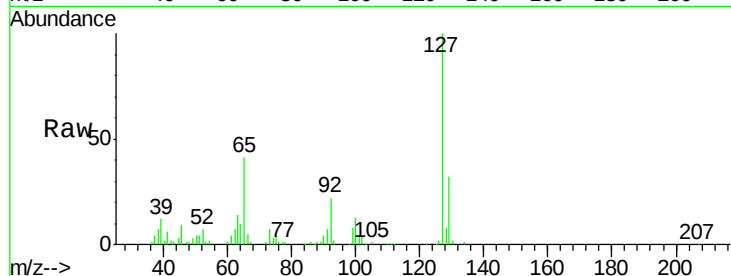




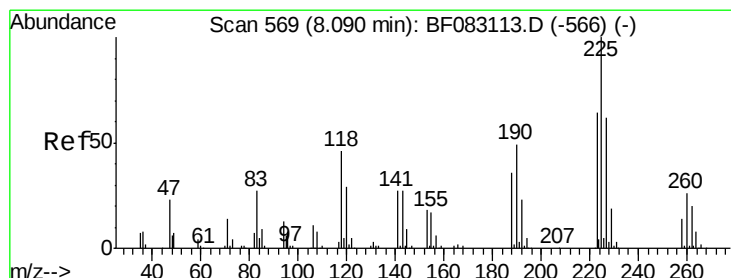
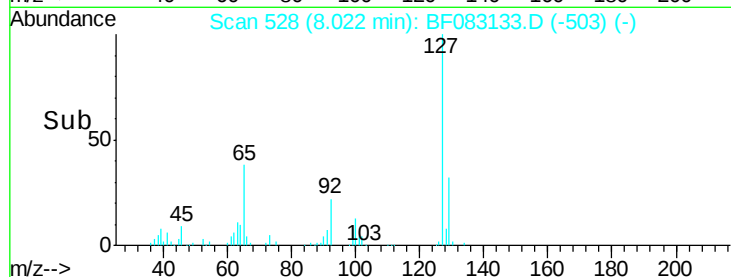
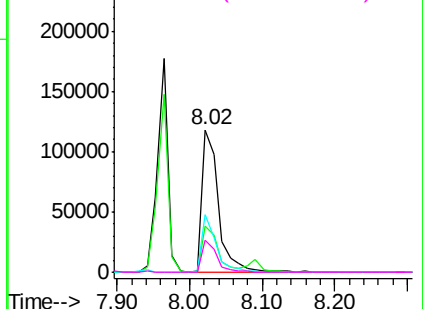
#33
4-Chloroaniline
Concen: 11.79 ng
RT: 8.02 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF083133.D
Acq: 22 Nov 2015 2:34

Instrument :
BNA_F
ClientSampleId :
PB86782BS

Tgt Ion:	127	Resp:	188289
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.7	38.5
65	40.7	35.5	53.3
92	22.4	19.4	29.2

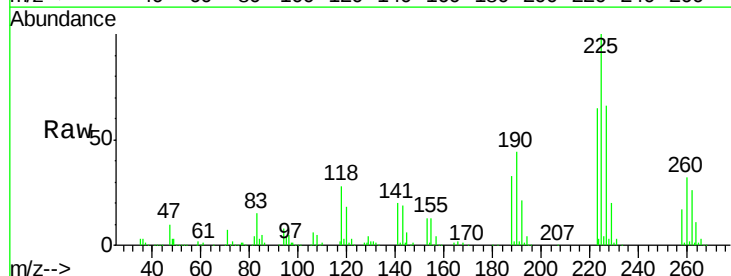


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

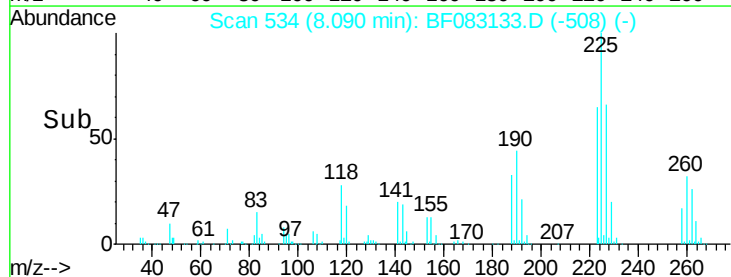
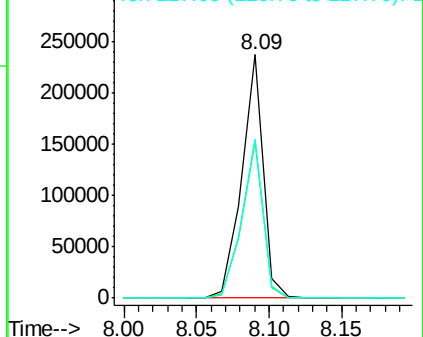


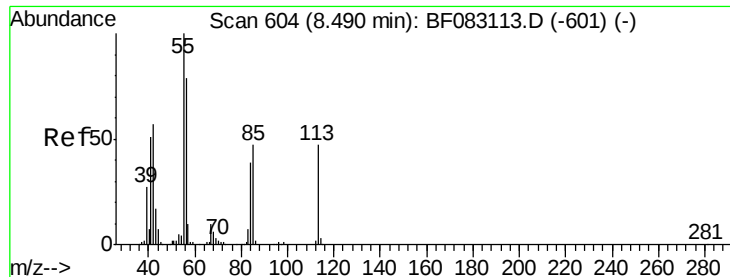
#34
Hexachlorobutadiene
Concen: 31.16 ng
RT: 8.09 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF083133.D
Acq: 22 Nov 2015 2:34

Tgt Ion:	225	Resp:	241841
Ion	Ratio	Lower	Upper
225	100		
223	64.5	51.3	76.9
227	65.6	49.8	74.8



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

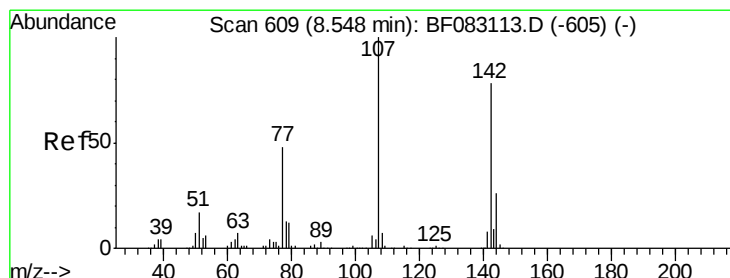
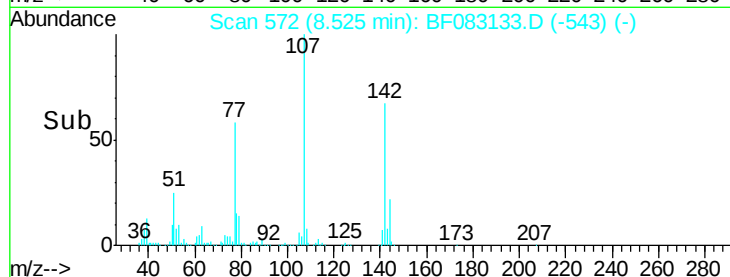
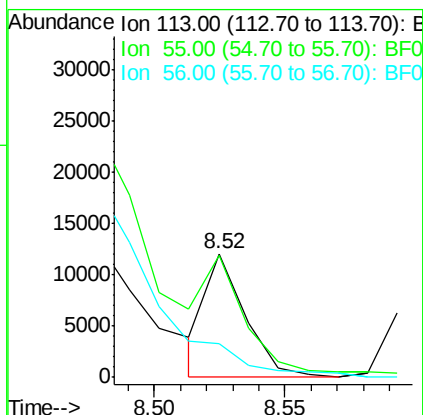
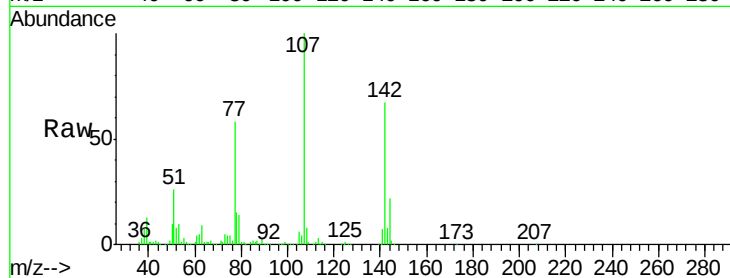




#35
 Caprolactam
 Concen: 3.33 ng
 RT: 8.52 min Scan# 572
 Delta R.T. 0.03 min
 Lab File: BF083113.D
 Acq: 22 Nov 2015 2:34

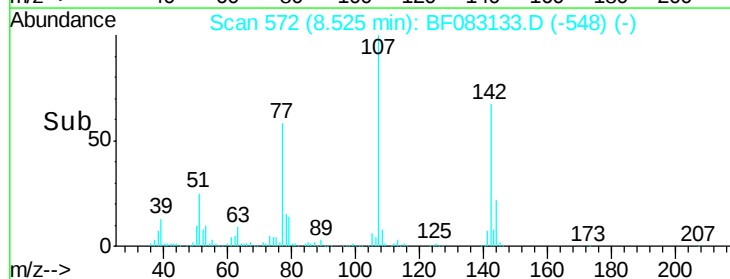
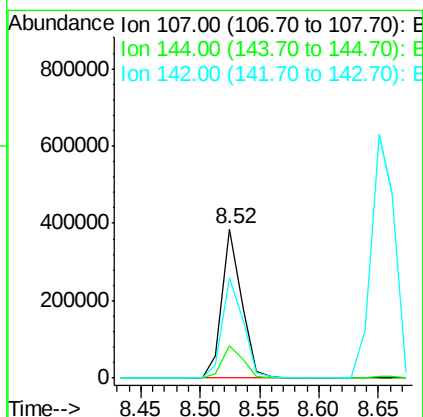
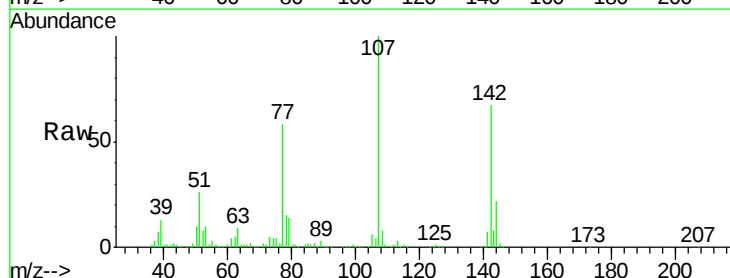
Instrument :
 BNA_F
 ClientSampleId :
 PB86782BS

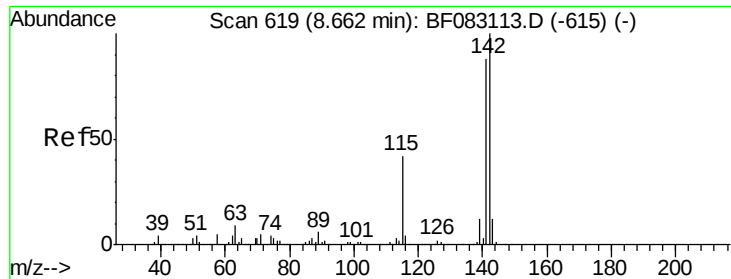
Tgt Ion:113 Resp: 12757
 Ion Ratio Lower Upper
 113 100
 55 98.7 192.6 232.6#
 56 27.7 148.6 188.6#



#36
 4-Chloro-3-methylphenol
 Concen: 31.98 ng
 RT: 8.52 min Scan# 572
 Delta R.T. -0.02 min
 Lab File: BF083113.D
 Acq: 22 Nov 2015 2:34

Tgt Ion:107 Resp: 442885
 Ion Ratio Lower Upper
 107 100
 144 21.9 20.8 31.2
 142 67.1 62.1 93.1

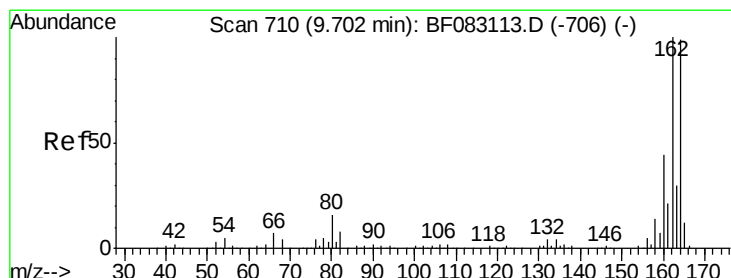
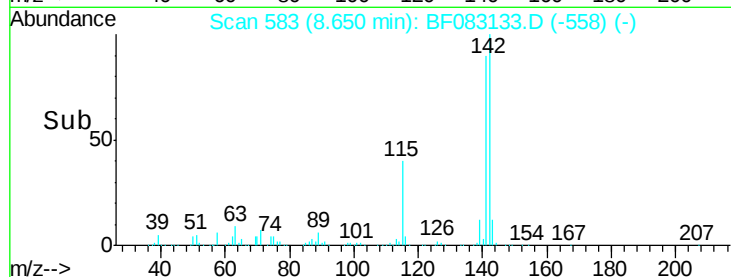
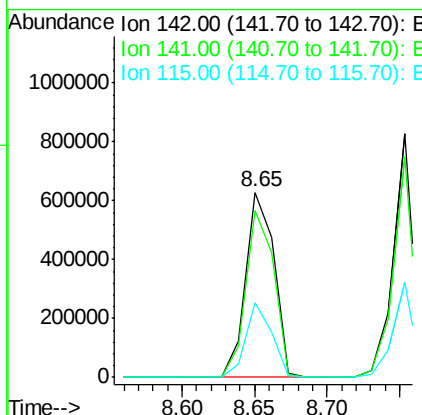
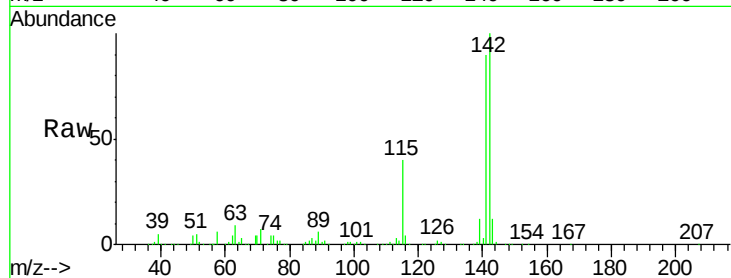




#37
2-Methylnaphthalene
Concen: 31.94 ng
RT: 8.65 min Scan# 583
Delta R.T. -0.01 min
Lab File: BF083133.D
Acq: 22 Nov 2015 2:34

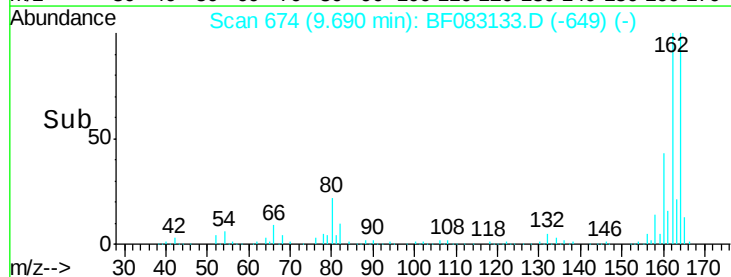
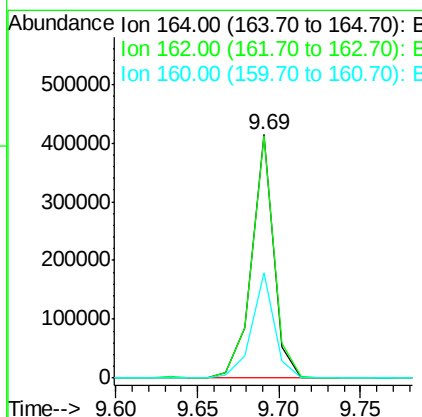
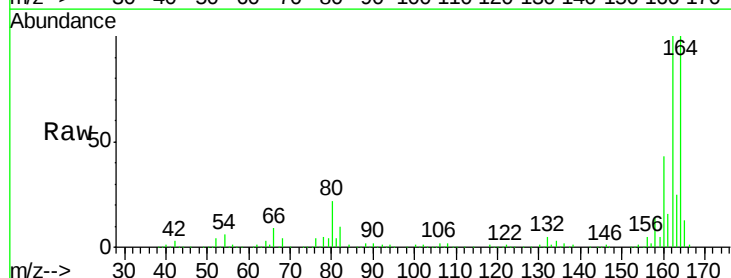
Instrument :
BNA_F
ClientSampleId :
PB86782BS

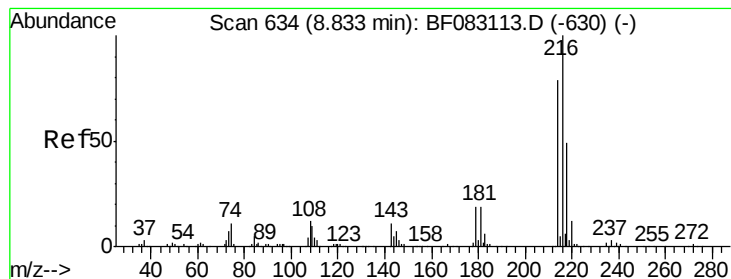
Tgt Ion:142 Resp: 853548
Ion Ratio Lower Upper
142 100
141 89.7 70.3 105.5
115 40.1 33.4 50.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.69 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF083133.D
Acq: 22 Nov 2015 2:34

Tgt Ion:164 Resp: 387530
Ion Ratio Lower Upper
164 100
162 99.7 81.2 121.8
160 43.2 35.6 53.4





#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.34 ng

RT: 8.82 min Scan# 598

Delta R.T. -0.01 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

Instrument :

BNA_F

ClientSampleId :

PB86782BS

Tgt Ion:216 Resp: 393659

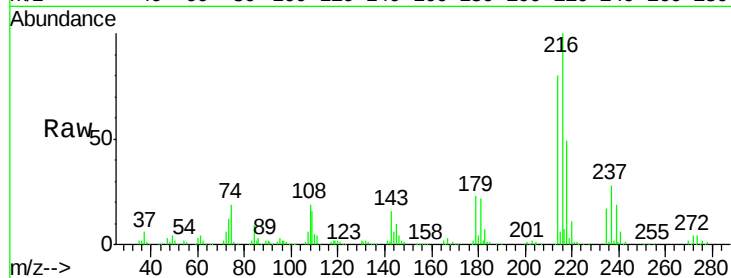
Ion Ratio Lower Upper

216 100

214 80.8 63.8 95.8

179 22.0 17.0 25.6

108 22.6 15.2 22.8

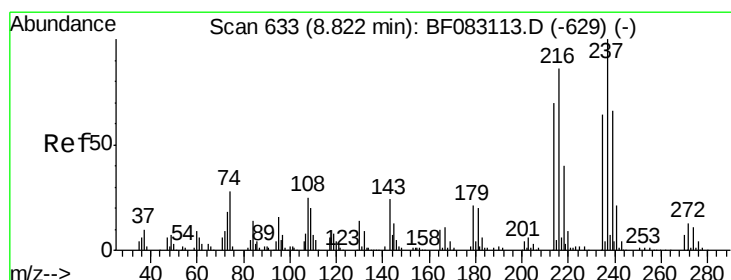
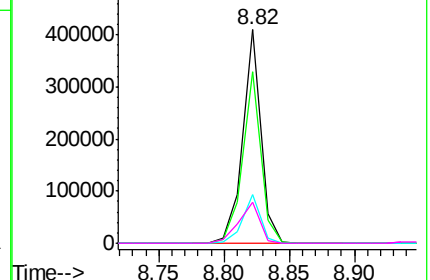
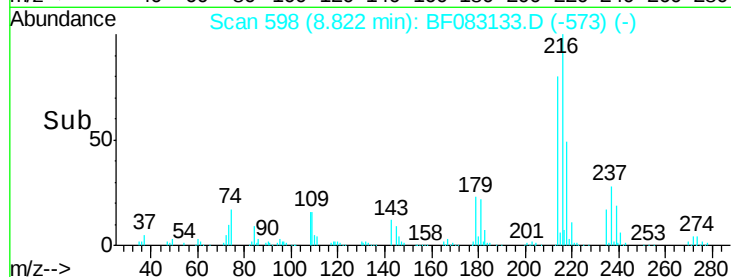


Abundance Ion 216.00 (215.70 to 216.70): E

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: 58.82 ng

RT: 8.81 min Scan# 597

Delta R.T. -0.01 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

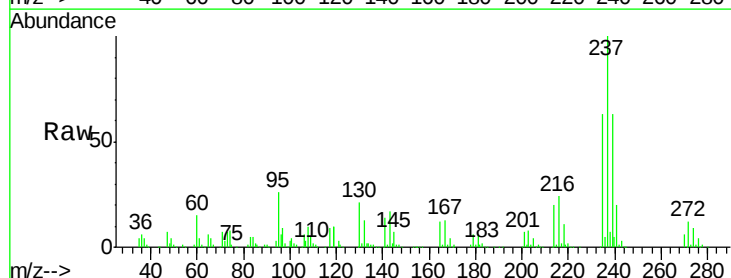
Tgt Ion:237 Resp: 420127

Ion Ratio Lower Upper

237 100

235 63.3 43.5 83.5

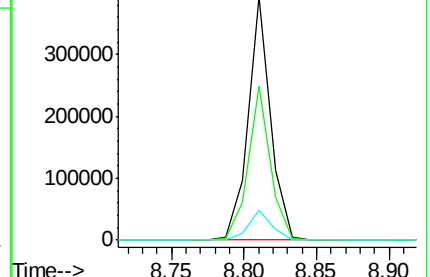
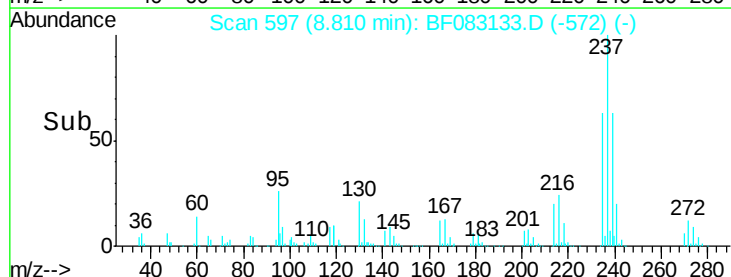
272 12.4 0.0 33.1

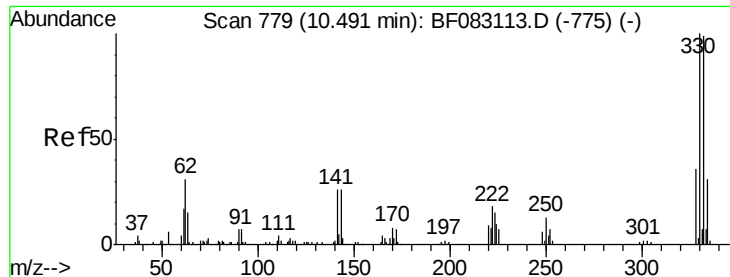


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

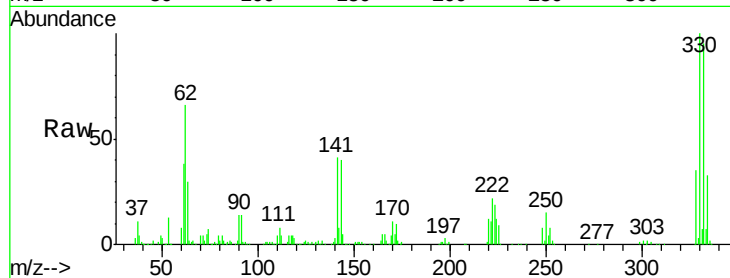




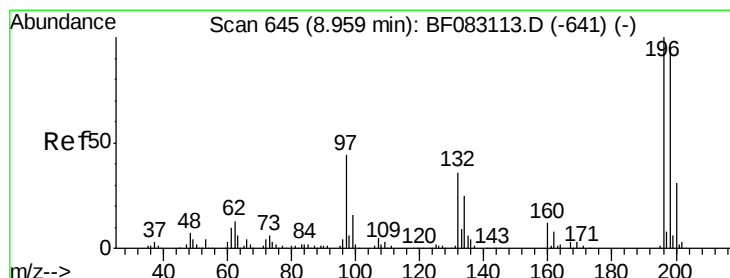
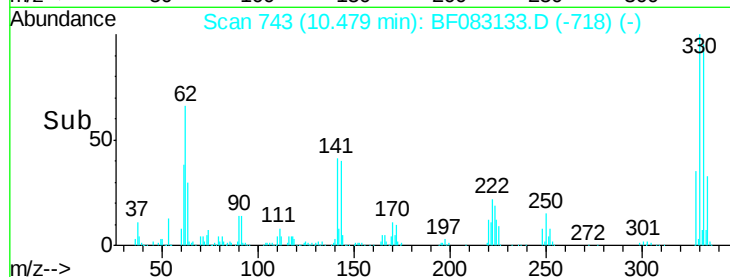
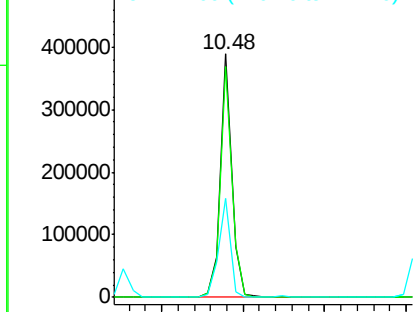
#41
 2,4,6-Tribromophenol
 Concen: 47.72 ng
 RT: 10.48 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF083133.D
 Acq: 22 Nov 2015 2:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86782BS

Tgt Ion:330 Resp: 378361
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.7 116.5
 141 41.6 29.7 44.5

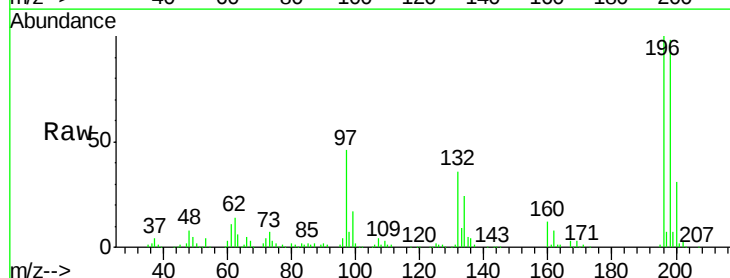


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

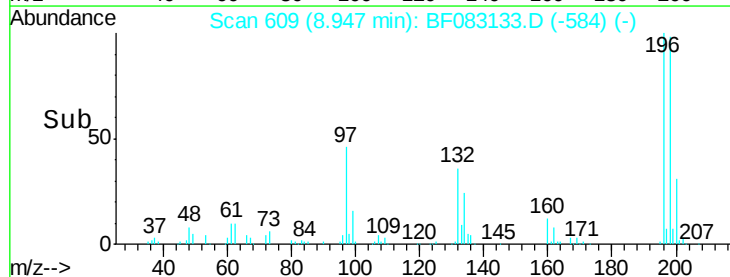
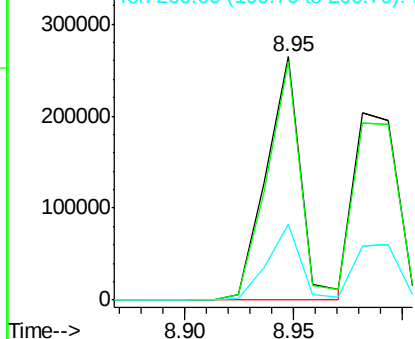


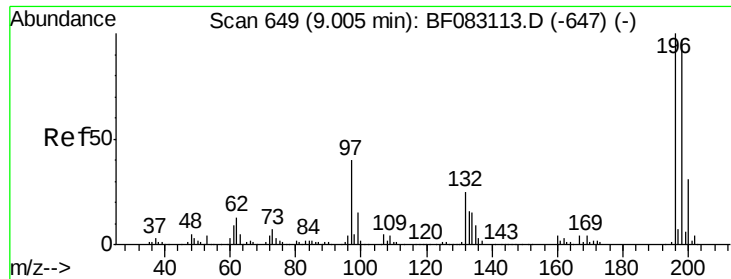
#42
 2,4,6-Trichlorophenol
 Concen: 32.50 ng
 RT: 8.95 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF083133.D
 Acq: 22 Nov 2015 2:34

Tgt Ion:196 Resp: 292376
 Ion Ratio Lower Upper
 196 100
 198 97.8 75.9 113.9
 200 31.4 24.5 36.7



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

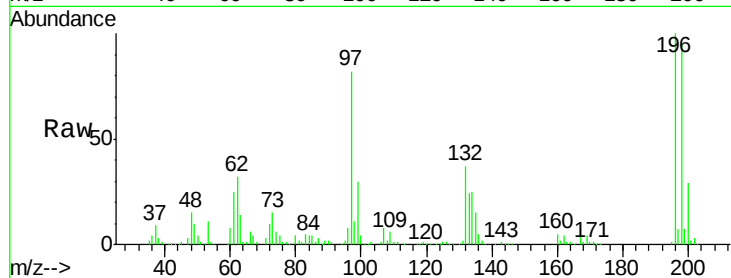




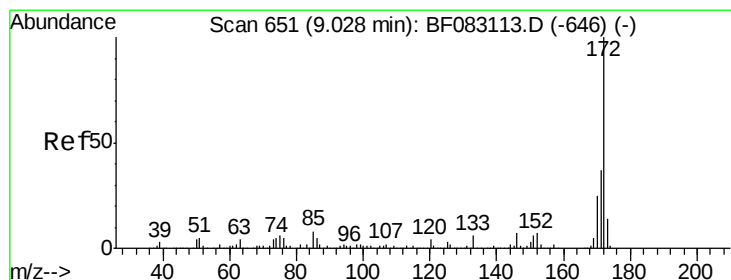
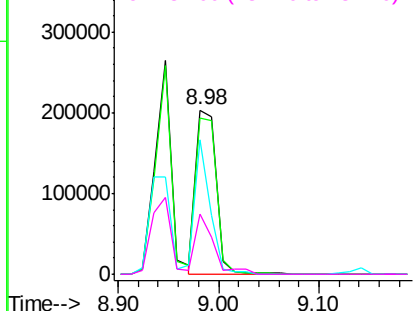
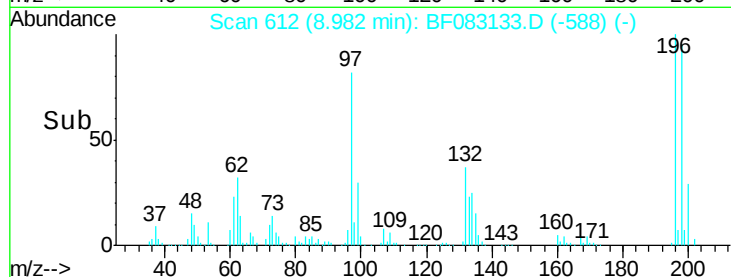
#43
2,4,5-Trichlorophenol
Concen: 31.50 ng
RT: 8.98 min Scan# 612
Delta R.T. -0.02 min
Lab File: BF083133.D
Acq: 22 Nov 2015 2:34

Instrument :
BNA_F
ClientSampleId :
PB86782BS

Tgt Ion:196 Resp: 289724
Ion Ratio Lower Upper
196 100
198 94.8 77.6 116.4
97 82.0 32.6 48.8#
132 36.9 19.8 29.8#

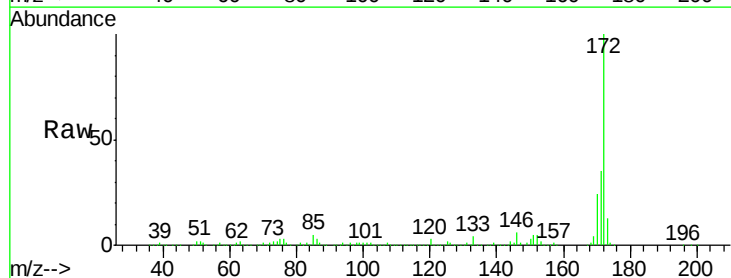


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

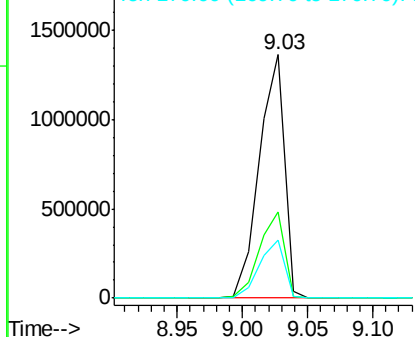
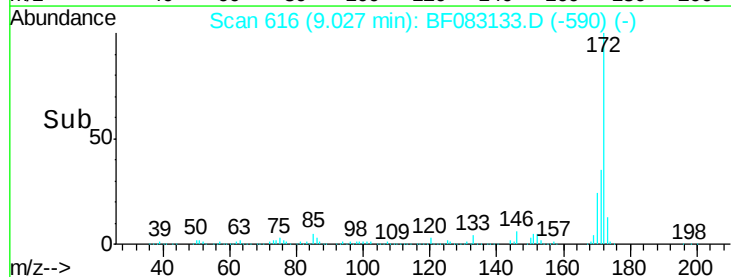


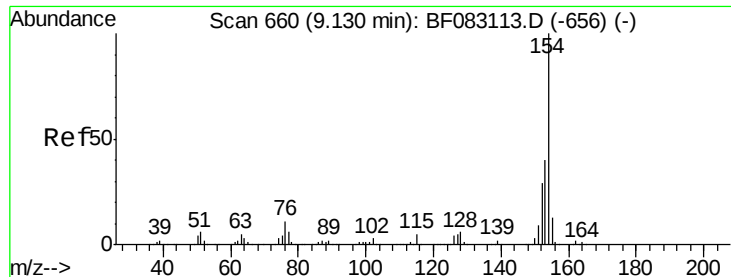
#44
2-Fluorobiphenyl
Concen: 33.20 ng
RT: 9.03 min Scan# 616
Delta R.T. -0.00 min
Lab File: BF083133.D
Acq: 22 Nov 2015 2:34

Tgt Ion:172 Resp: 1845560
Ion Ratio Lower Upper
172 100
171 35.2 29.5 44.3
170 23.8 19.9 29.9



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

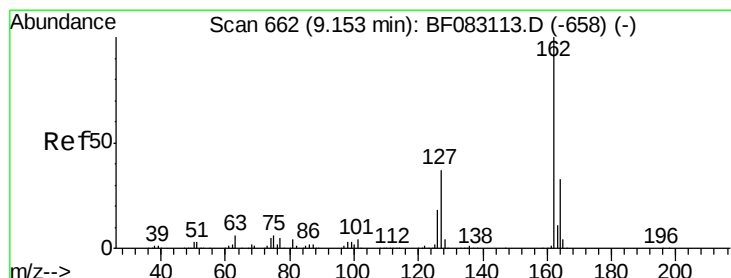
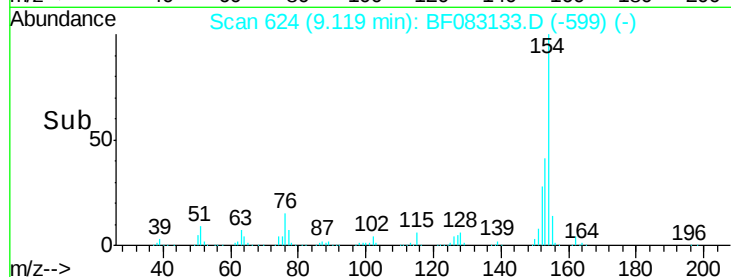
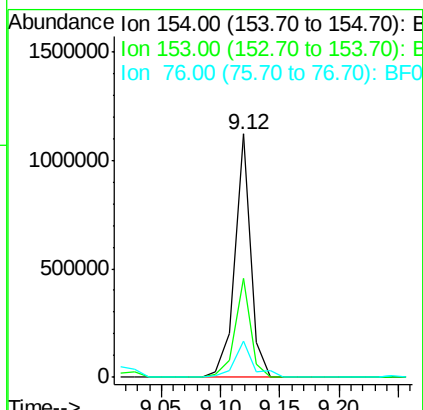
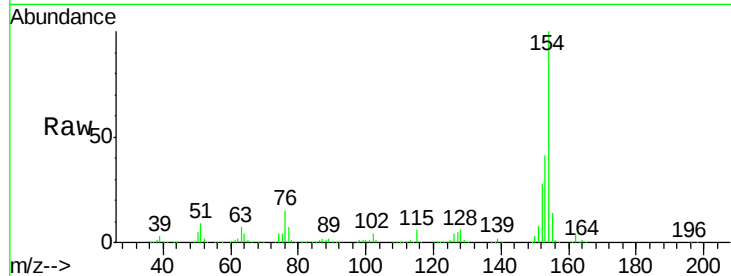




#45
 1,1'-Biphenyl
 Concen: 31.63 ng
 RT: 9.12 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF083133.D
 Acq: 22 Nov 2015 2:34

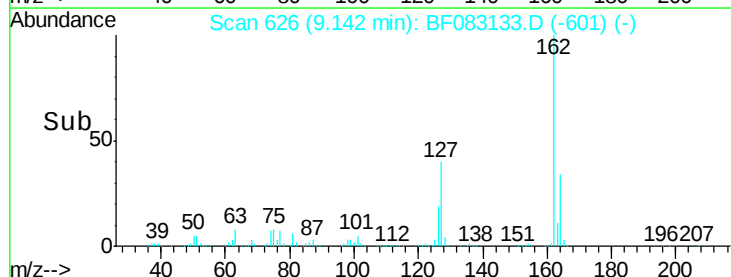
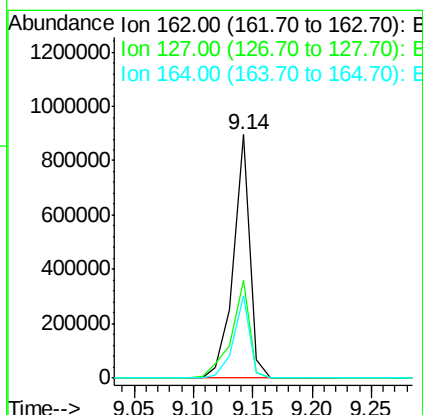
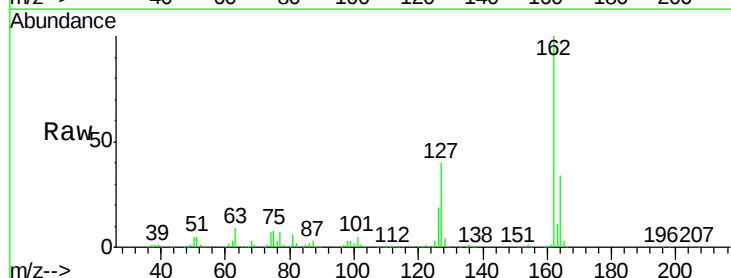
Instrument :
 BNA_F
 ClientSampleId :
 PB86782BS

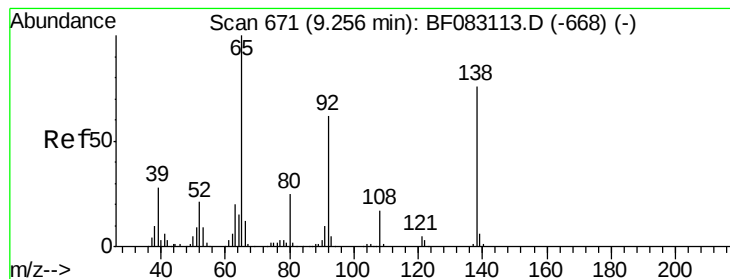
Tgt Ion:154 Resp: 1043144
 Ion Ratio Lower Upper
 154 100
 153 40.5 20.5 60.5
 76 14.8 0.0 31.2



#46
 2-Chloronaphthalene
 Concen: 33.32 ng
 RT: 9.14 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF083133.D
 Acq: 22 Nov 2015 2:34

Tgt Ion:162 Resp: 863274
 Ion Ratio Lower Upper
 162 100
 127 39.9 29.4 44.2
 164 33.8 26.2 39.4





#47

2-Nitroaniline

Concen: 32.15 ng

RT: 9.24 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

Instrument :

BNA_F

ClientSampleId :

PB86782BS

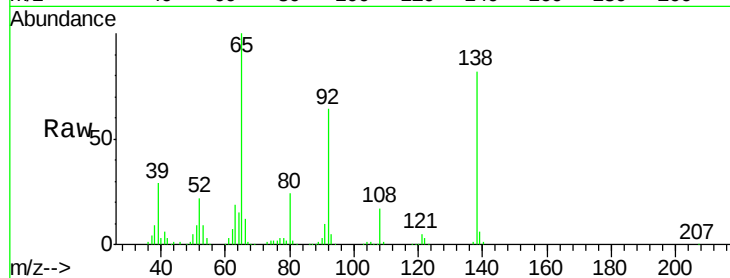
Tgt Ion: 65 Resp: 294629

Ion Ratio Lower Upper

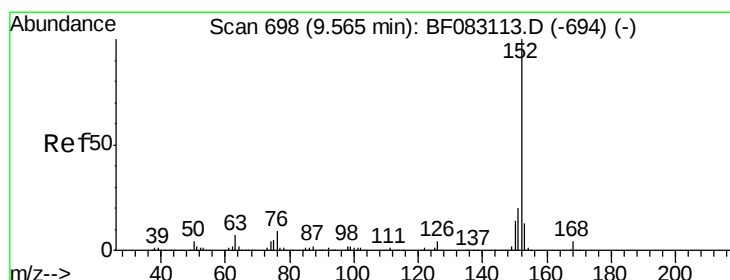
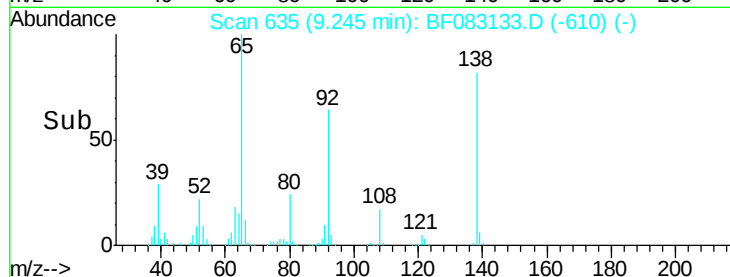
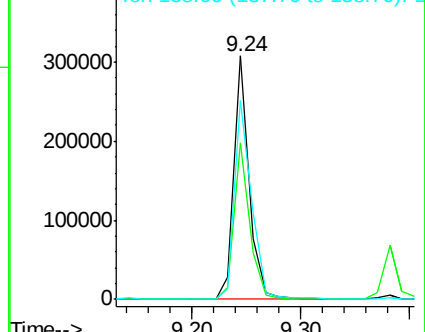
65 100

92 64.3 49.5 74.3

138 81.8 60.7 91.1



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 32.89 ng

RT: 9.55 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

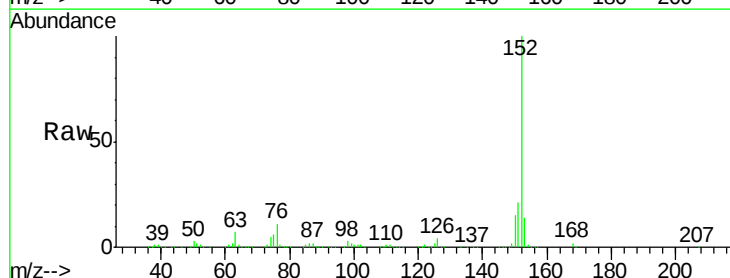
Tgt Ion: 152 Resp: 1320594

Ion Ratio Lower Upper

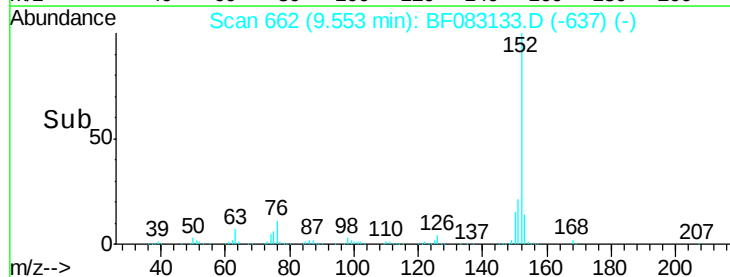
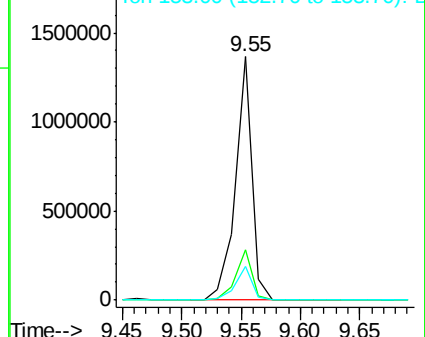
152 100

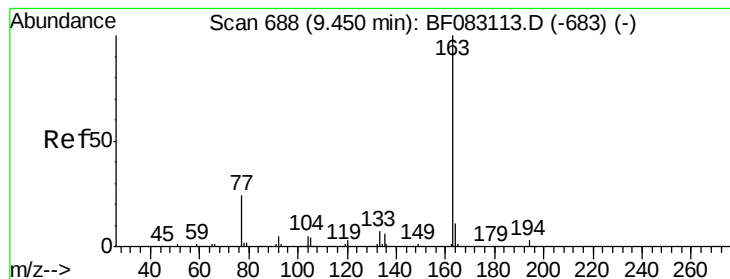
151 20.7 16.3 24.5

153 13.6 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 33.23 ng

RT: 9.44 min Scan# 652

Delta R.T. -0.01 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

Instrument :

BNA_F

ClientSampleId :

PB86782BS

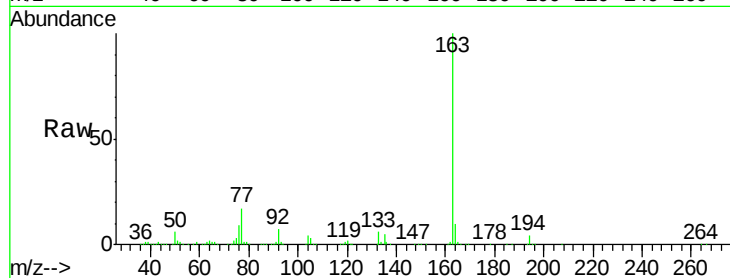
Tgt Ion:163 Resp: 991428

Ion Ratio Lower Upper

163 100

194 4.0 2.6 4.0#

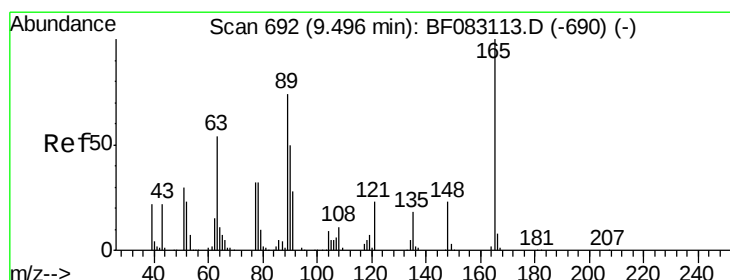
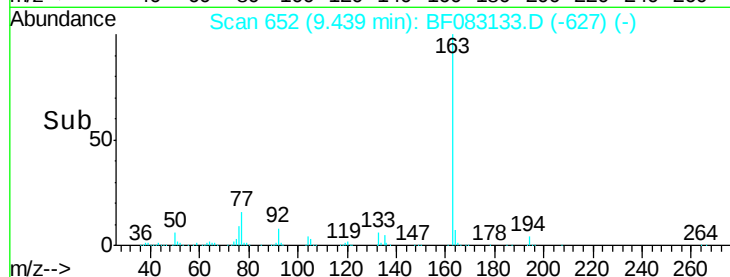
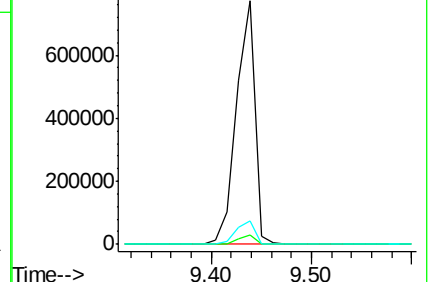
164 9.7 8.6 12.8



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: 30.67 ng

RT: 9.48 min Scan# 656

Delta R.T. -0.01 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

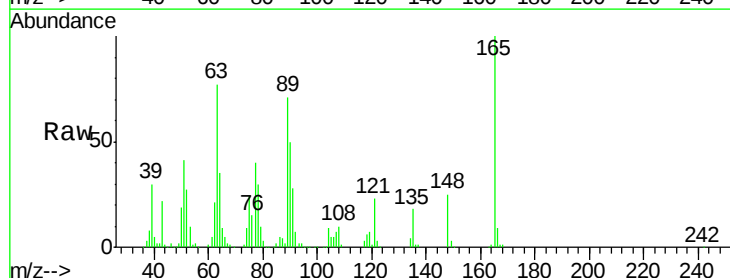
Tgt Ion:165 Resp: 205348

Ion Ratio Lower Upper

165 100

63 77.4 62.5 93.7

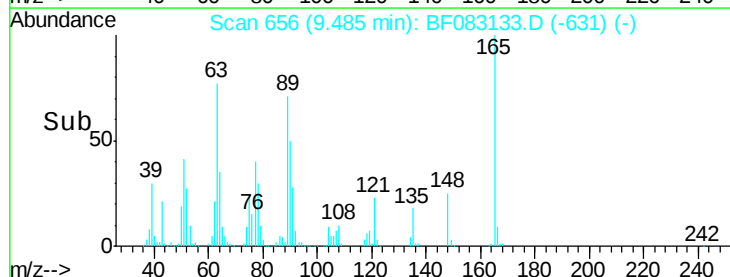
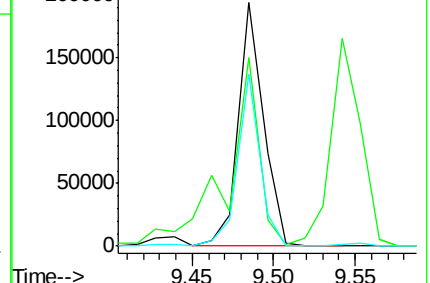
89 70.5 59.1 88.7

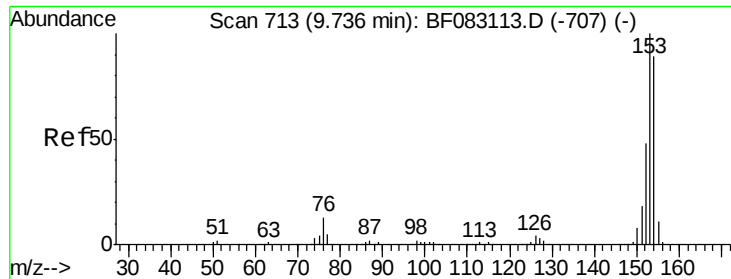


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 32.92 ng

RT: 9.72 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

Instrument :

BNA_F

ClientSampleId :

PB86782BS

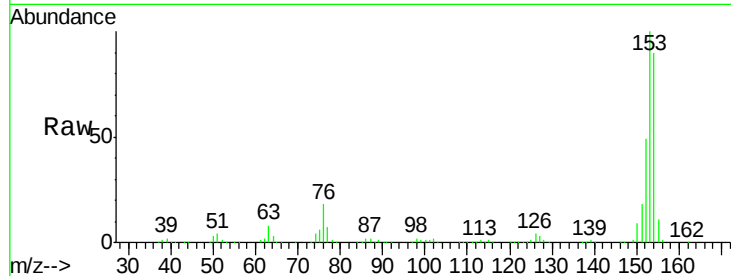
Tgt Ion:154 Resp: 804291

Ion Ratio Lower Upper

154 100

153 110.7 89.6 134.4

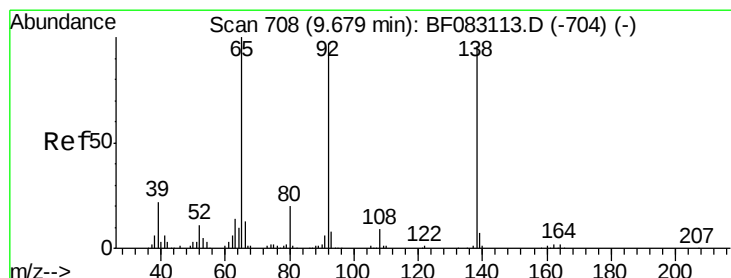
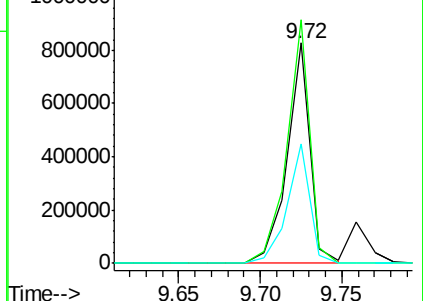
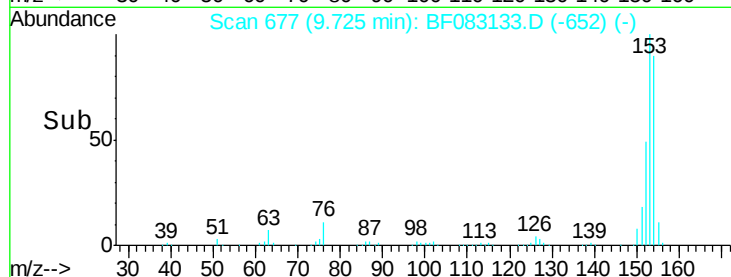
152 54.1 43.3 64.9



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: 14.46 ng

RT: 9.66 min Scan# 671

Delta R.T. -0.02 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

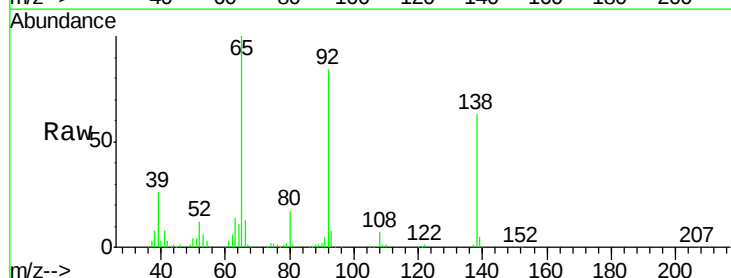
Tgt Ion:138 Resp: 103229

Ion Ratio Lower Upper

138 100

108 11.1 7.8 11.6

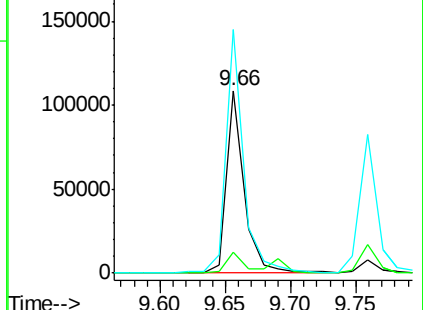
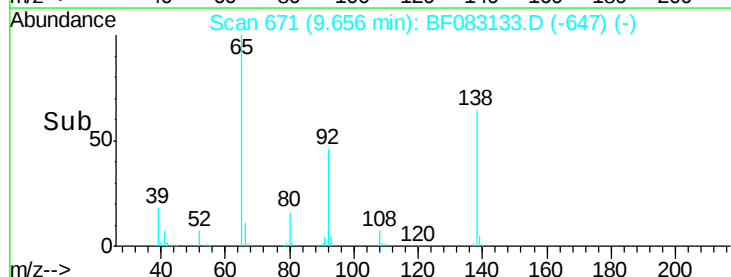
92 133.3 81.1 121.7#

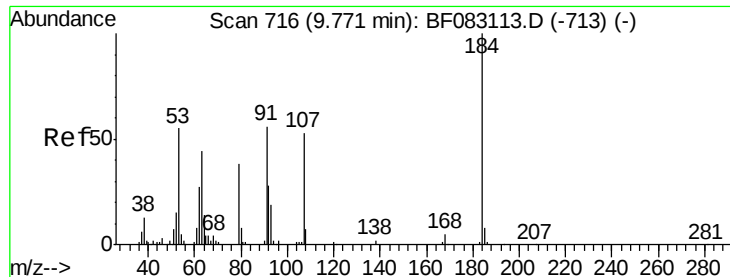


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

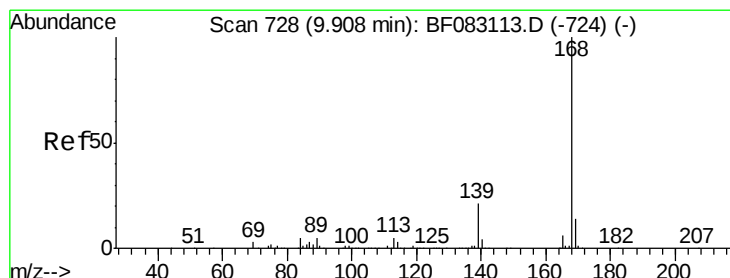
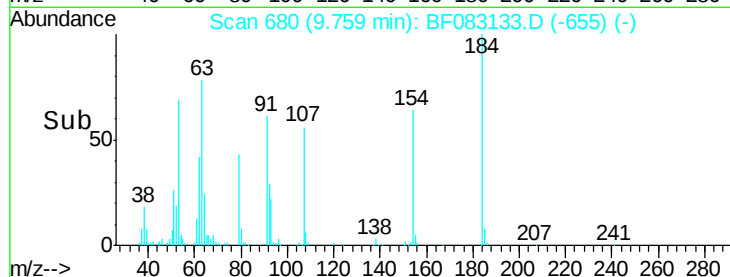
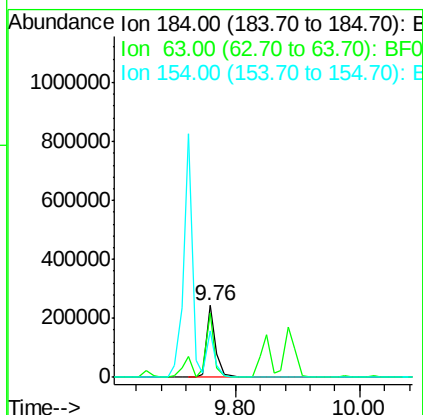
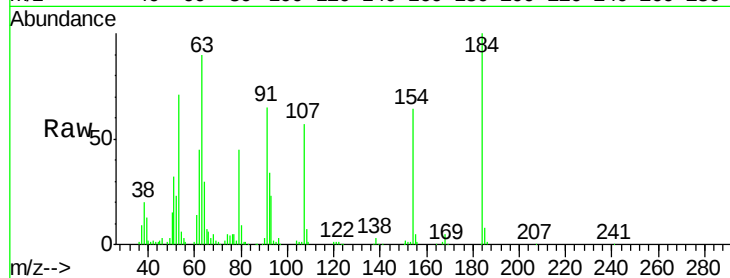




#53
2,4-Dinitrophenol
Concen: 64.73 ng
RT: 9.76 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF083133.D
Acq: 22 Nov 2015 2:34

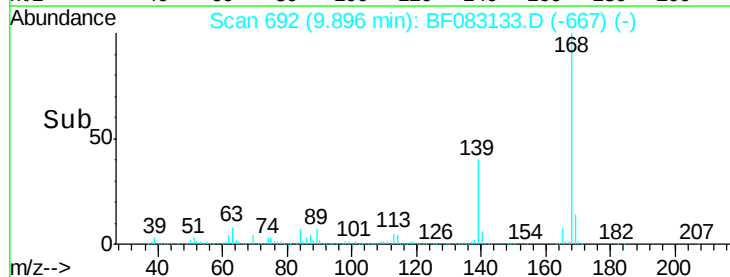
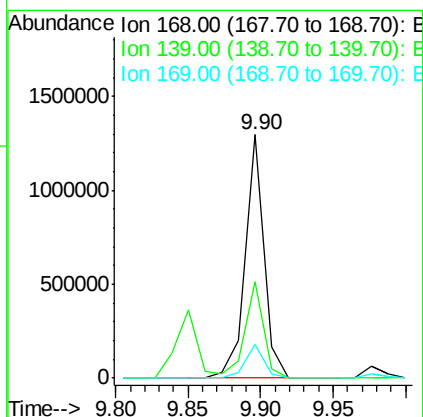
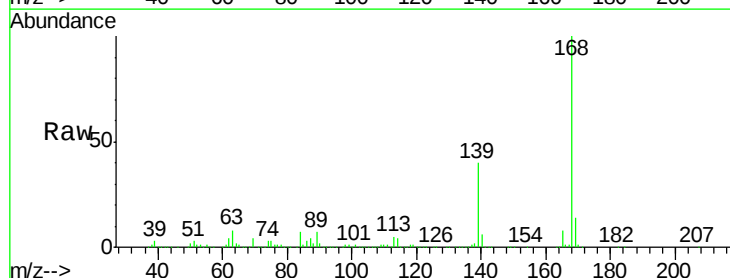
Instrument :
BNA_F
ClientSampleId :
PB86782BS

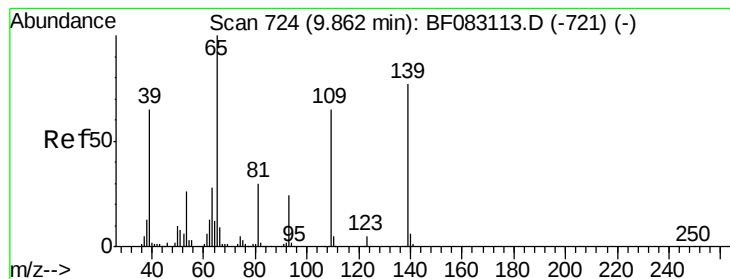
Tgt Ion:184 Resp: 249649
Ion Ratio Lower Upper
184 100
63 89.9 60.5 90.7
154 64.4 54.3 81.5



#54
Dibenzofuran
Concen: 33.74 ng
RT: 9.90 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF083133.D
Acq: 22 Nov 2015 2:34

Tgt Ion:168 Resp: 1165692
Ion Ratio Lower Upper
168 100
139 39.7 30.2 45.2
169 13.9 10.9 16.3





#55

4-Nitrophenol

Concen: 69.30 ng

RT: 9.85 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

Instrument :

BNA_F

ClientSampleId :

PB86782BS

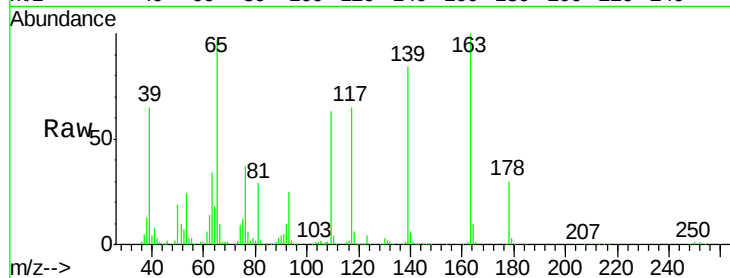
Tgt Ion:139 Resp: 379313

Ion Ratio Lower Upper

139 100

109 75.0 64.0 104.0

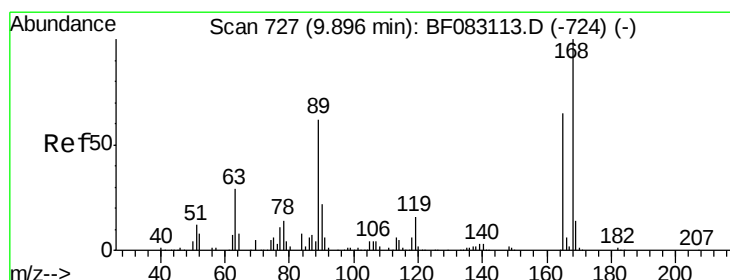
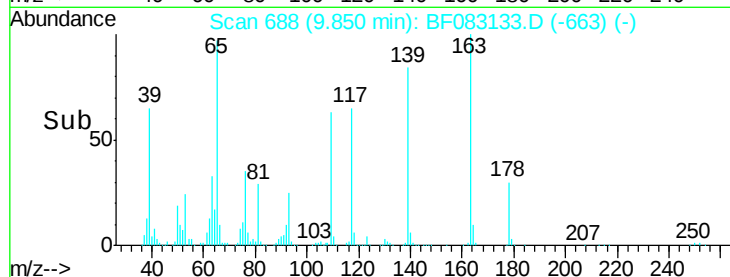
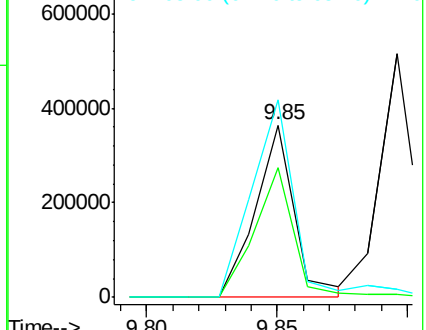
65 114.5 109.5 149.5



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 32.52 ng

RT: 9.88 min Scan# 691

Delta R.T. -0.01 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

Tgt Ion:165 Resp: 275826

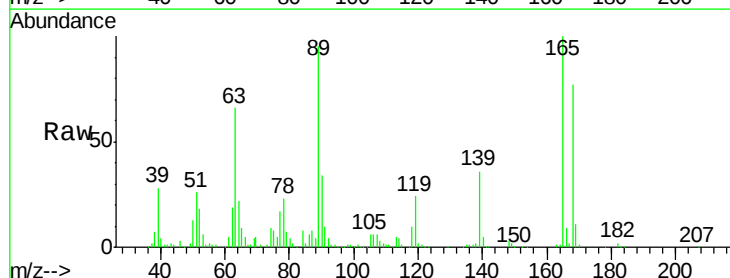
Ion Ratio Lower Upper

165 100

63 65.6 54.5 81.7

89 95.0 77.3 115.9

182 2.0 1.8 2.6

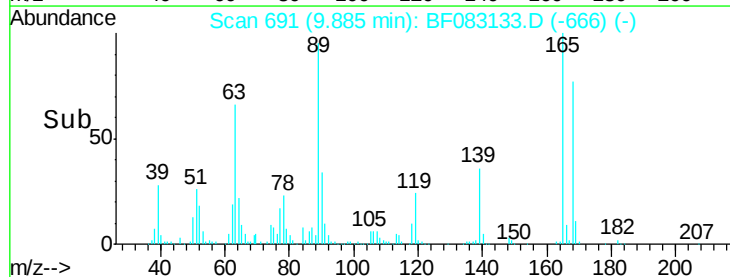
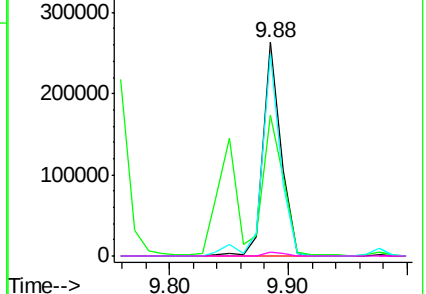


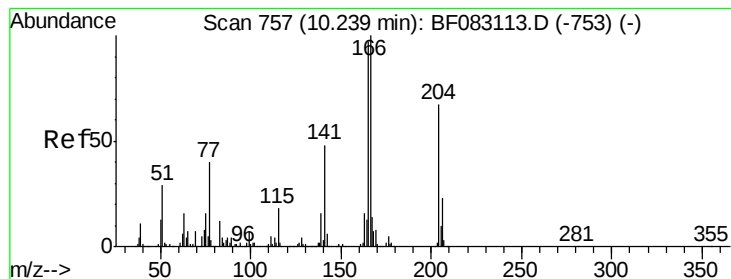
Abundance Ion 165.00 (164.70 to 165.70): E

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: 32.94 ng

RT: 10.24 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

Instrument :

BNA_F

ClientSampleId :

PB86782BS

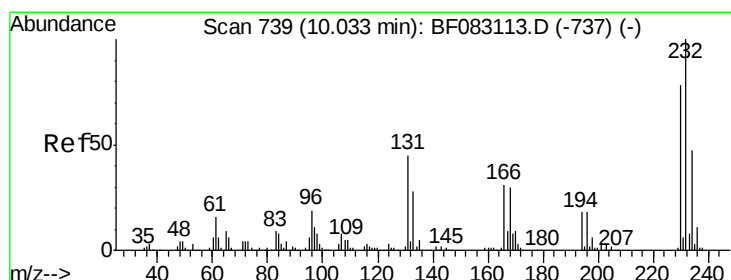
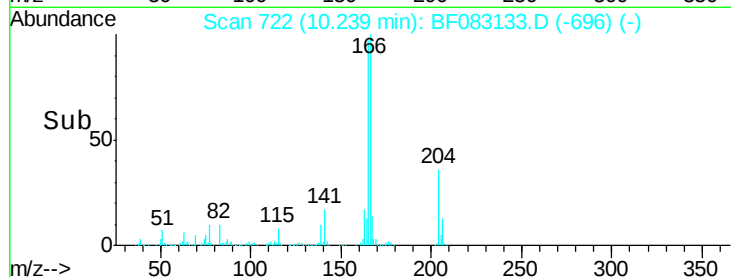
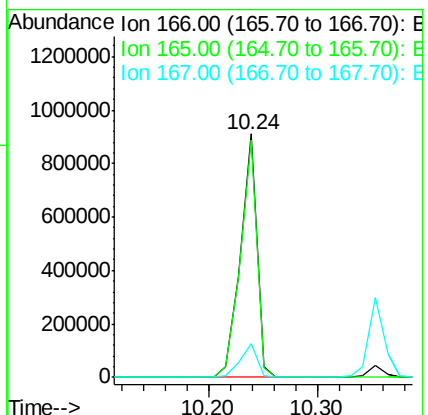
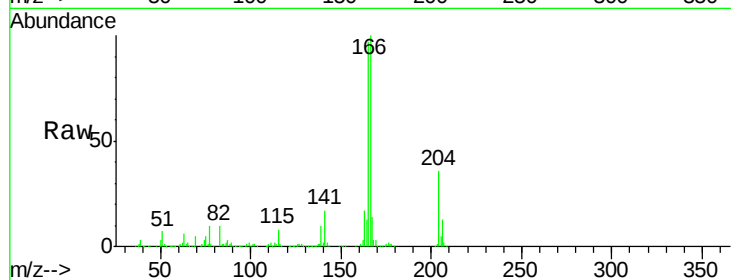
Tgt Ion:166 Resp: 940623

Ion Ratio Lower Upper

166 100

165 97.2 78.0 117.0

167 13.7 11.3 16.9



#58

2,3,4,6-Tetrachlorophenol

Concen: 33.12 ng

RT: 10.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

Tgt Ion:232 Resp: 249900

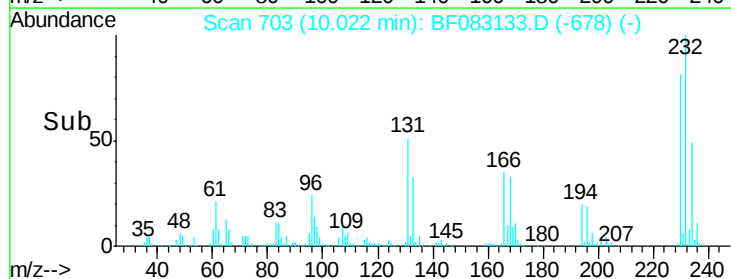
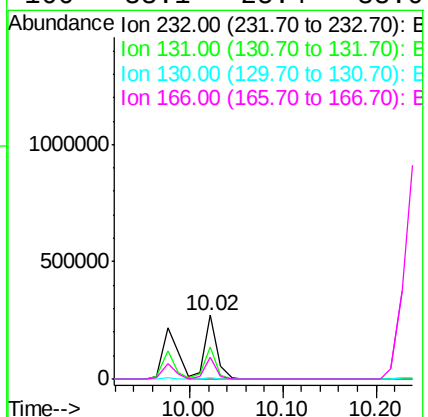
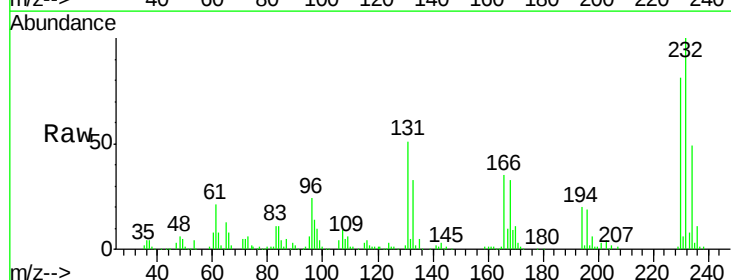
Ion Ratio Lower Upper

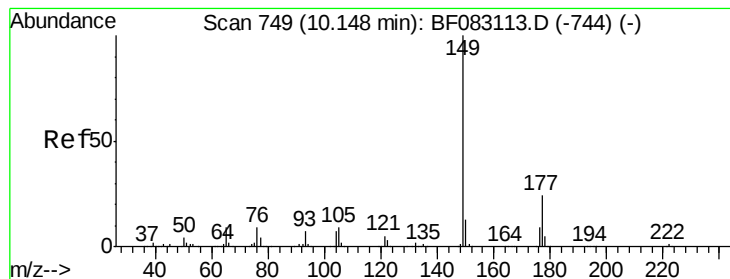
232 100

131 48.2 38.6 57.8

130 2.3 1.9 2.9

166 33.1 25.4 38.0





#59

Diethylphthalate

Concen: 32.29 ng

RT: 10.12 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

Instrument :

BNA_F

ClientSampleId :

PB86782BS

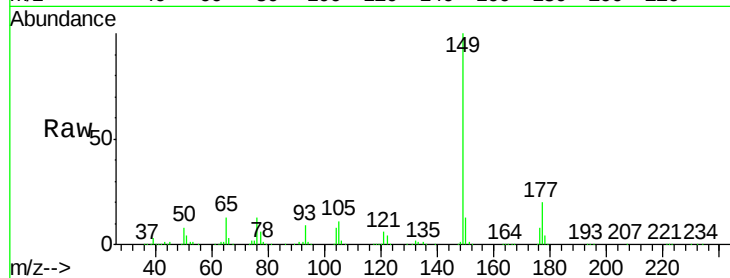
Tgt Ion:149 Resp: 958994

Ion Ratio Lower Upper

149 100

177 20.4 19.4 29.2

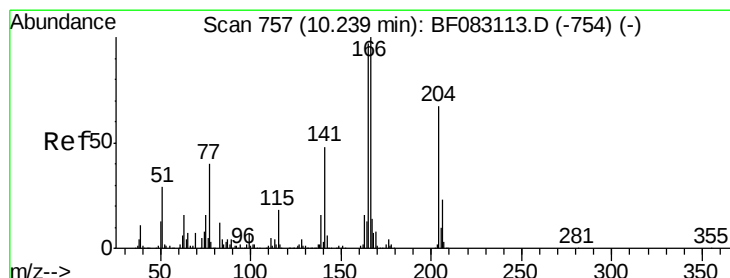
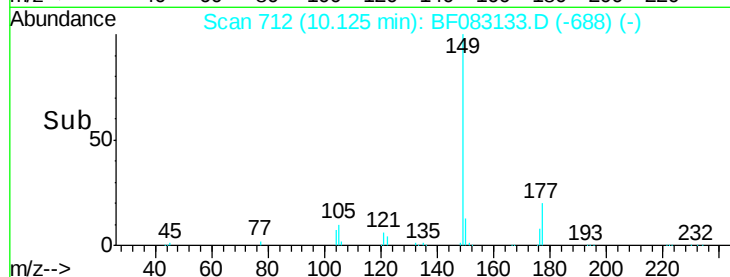
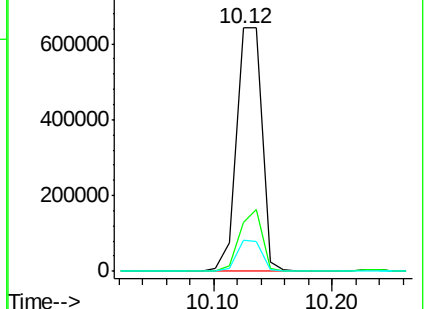
150 12.7 10.2 15.2



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: 32.57 ng

RT: 10.24 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

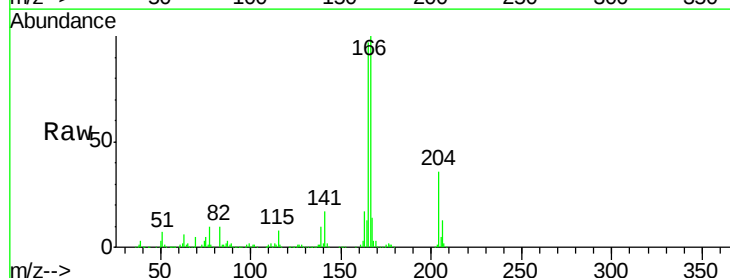
Tgt Ion:204 Resp: 425933

Ion Ratio Lower Upper

204 100

206 35.3 27.4 41.0

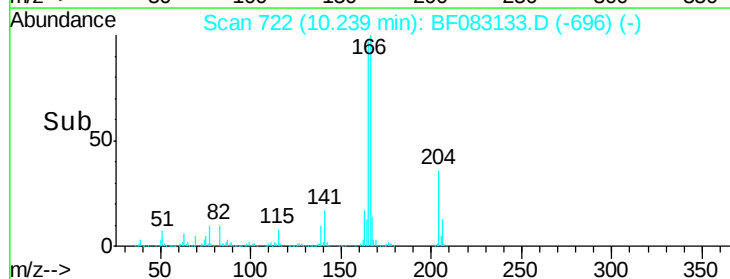
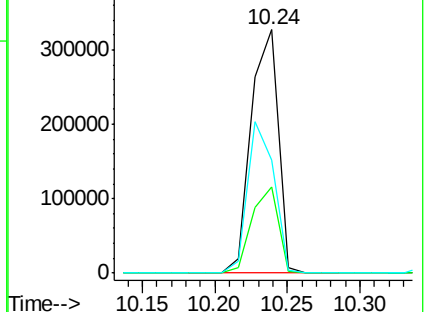
141 46.6 57.4 86.2#

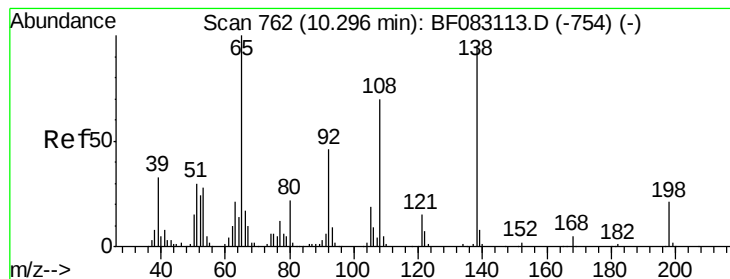


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 30.34 ng

RT: 10.27 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

Instrument :

BNA_F

ClientSampled :

PB86782BS

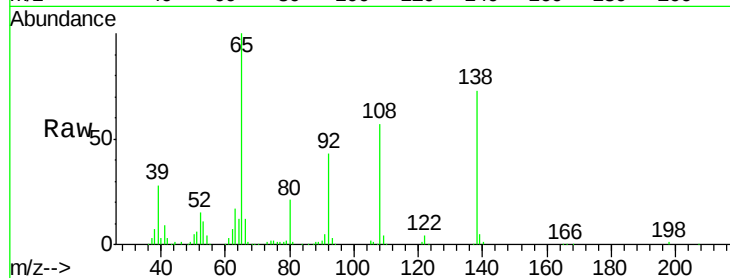
Tgt Ion:138 Resp: 213214

Ion Ratio Lower Upper

138 100

92 58.3 28.4 68.4

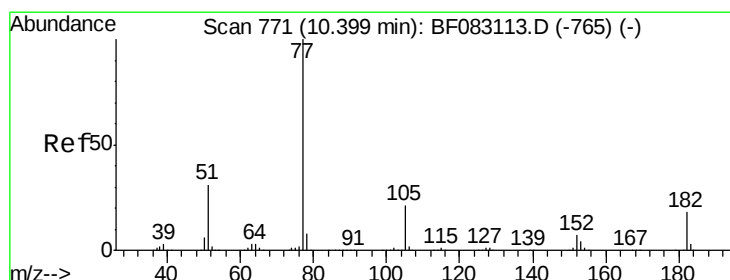
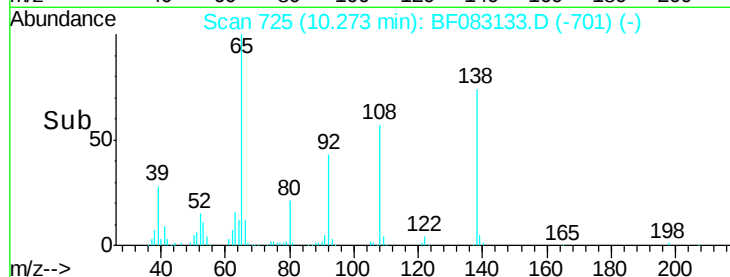
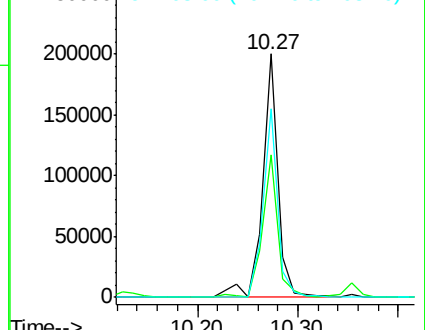
108 77.4 53.5 93.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 33.97 ng

RT: 10.39 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

Tgt Ion: 77 Resp: 1151622

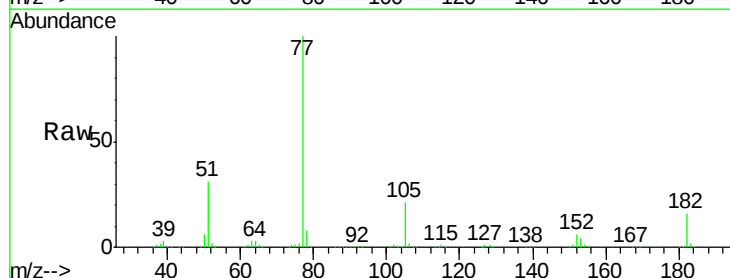
Ion Ratio Lower Upper

77 100

182 15.6 0.0 38.3

105 20.9 1.2 41.2

51 30.6 11.1 51.1

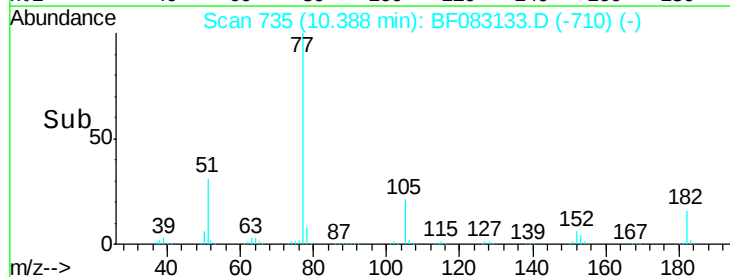
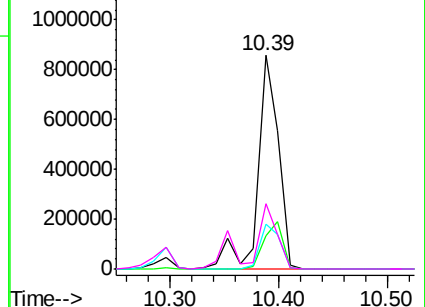


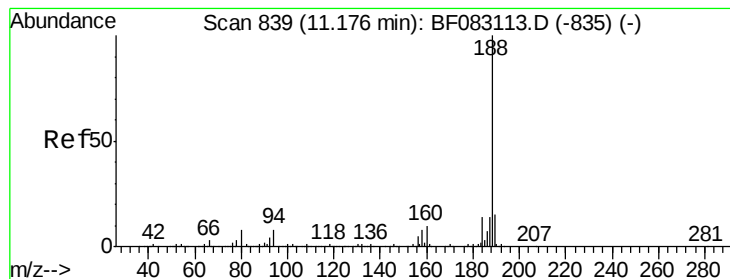
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.16 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

Instrument :

BNA_F

ClientSampleId :

PB86782BS

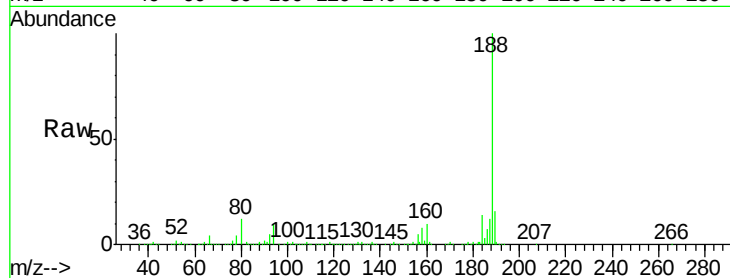
Tgt Ion:188 Resp: 722809

Ion Ratio Lower Upper

188 100

94 10.1 6.0 9.0#

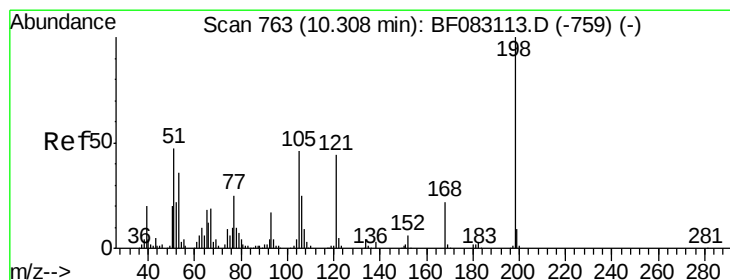
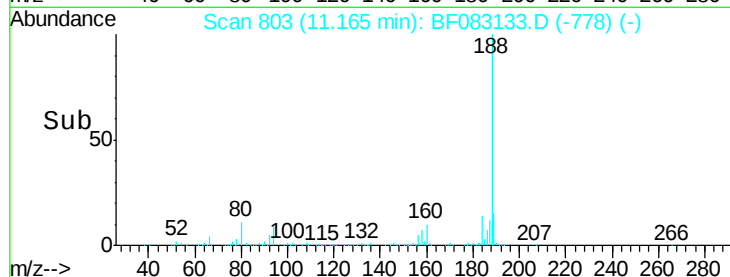
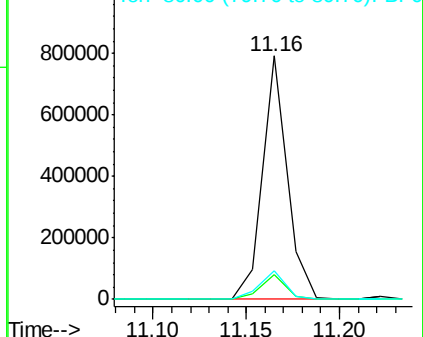
80 11.5 6.7 10.1#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 35.87 ng

RT: 10.30 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

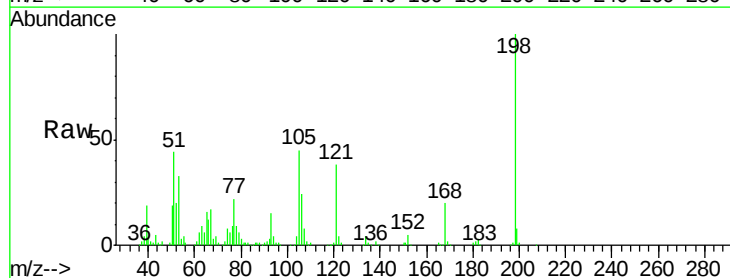
Tgt Ion:198 Resp: 178642

Ion Ratio Lower Upper

198 100

51 43.7 27.0 67.0

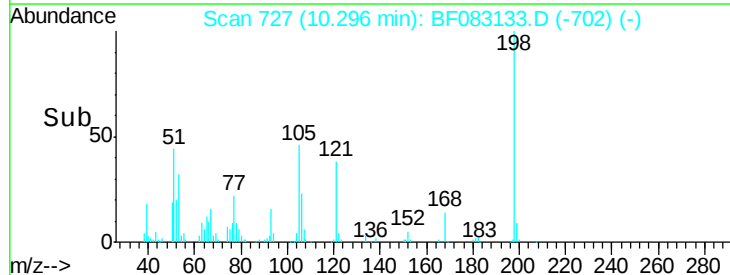
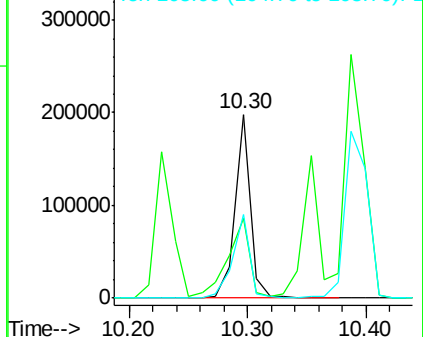
105 45.4 26.1 66.1

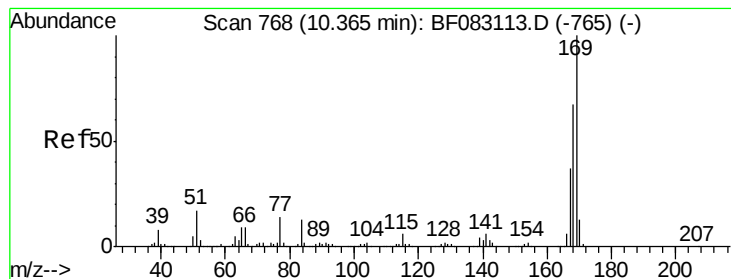


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 32.83 ng

RT: 10.35 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

Instrument :

BNA_F

ClientSampleId :

PB86782BS

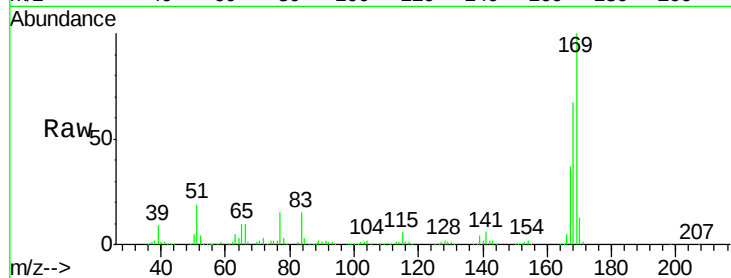
Tgt Ion:169 Resp: 807146

Ion Ratio Lower Upper

169 100

168 66.5 53.8 80.6

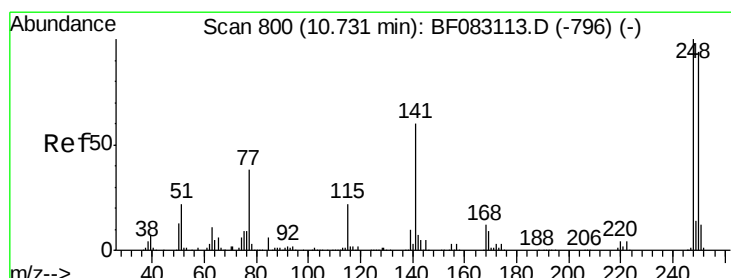
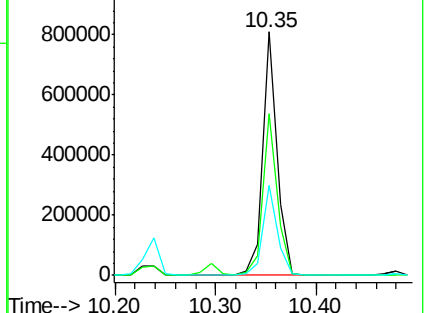
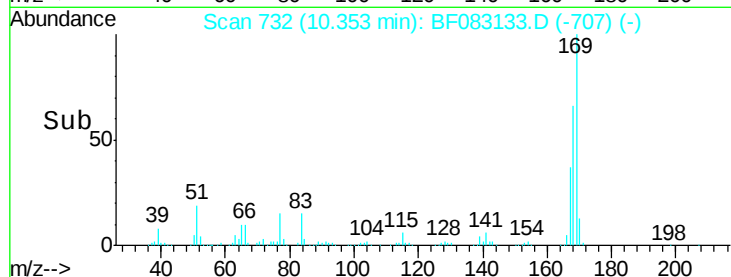
167 36.9 29.8 44.8



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 34.11 ng

RT: 10.72 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

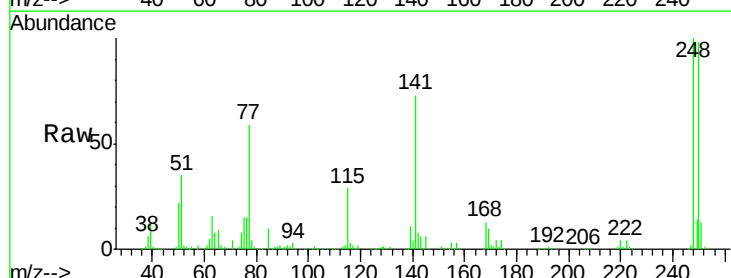
Tgt Ion:248 Resp: 273610

Ion Ratio Lower Upper

248 100

250 97.6 75.4 113.2

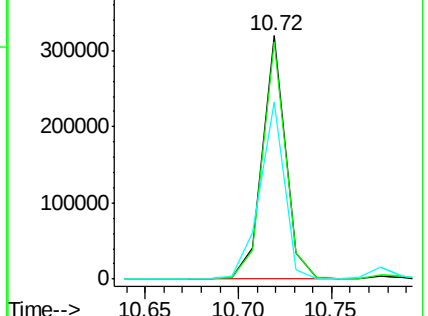
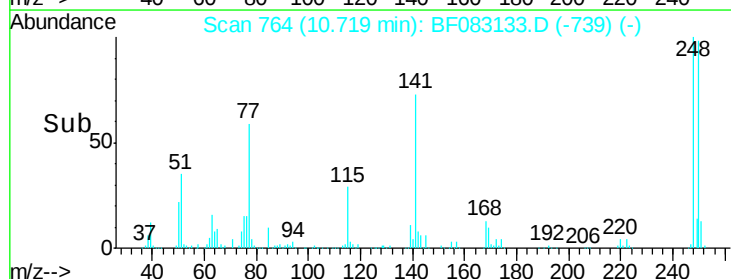
141 72.5 48.1 72.1#

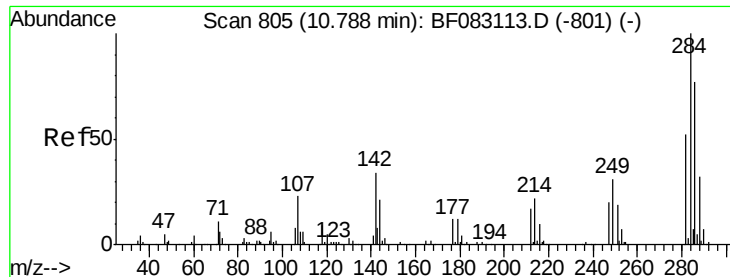


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

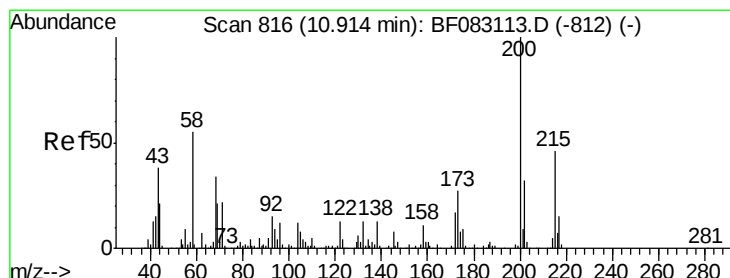
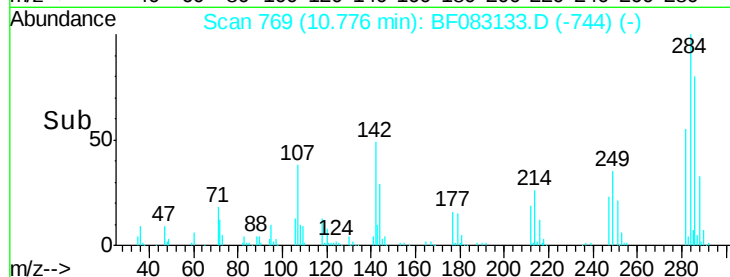
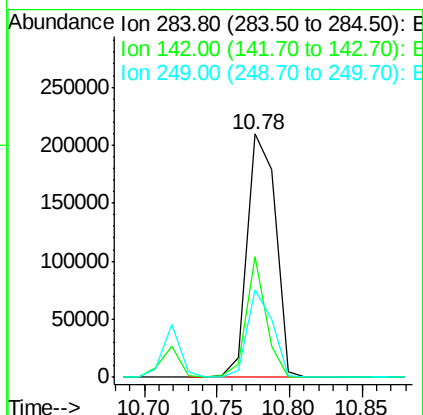
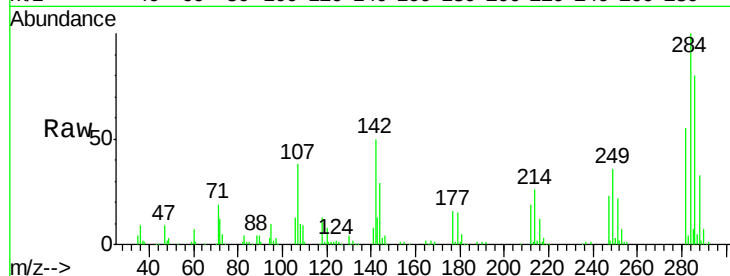




#67
 Hexachlorobenzene
 Concen: 31.95 ng
 RT: 10.78 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF083133.D
 Acq: 22 Nov 2015 2:34

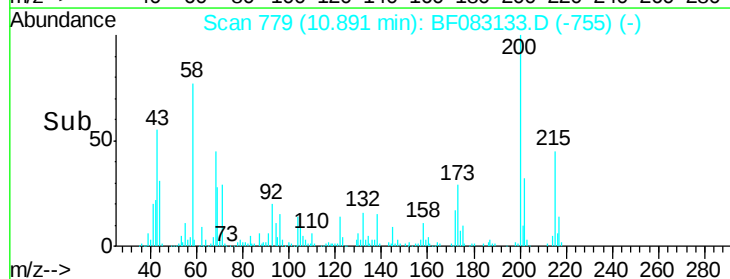
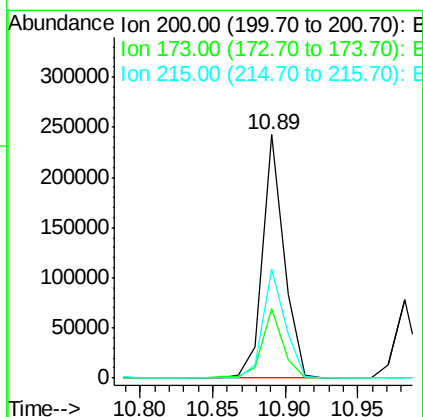
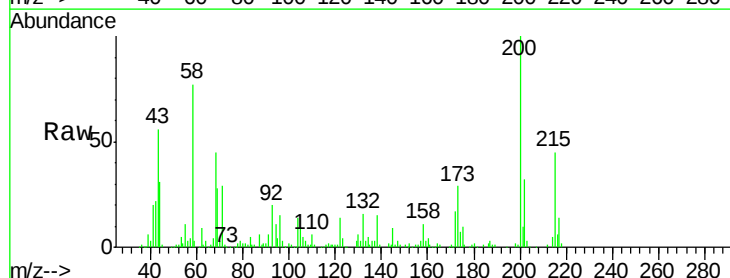
Instrument :
 BNA_F
 ClientSampled :
 PB86782BS

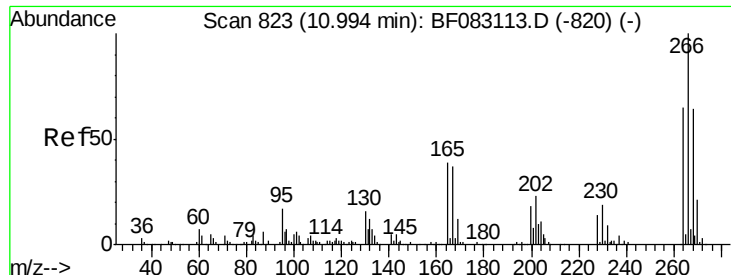
Tgt Ion	Ratio	Lower	Upper
284	100		
142	49.6	27.6	41.4#
249	35.9	25.5	38.3



#68
 Atrazine
 Concen: 34.88 ng
 RT: 10.89 min Scan# 779
 Delta R.T. -0.02 min
 Lab File: BF083133.D
 Acq: 22 Nov 2015 2:34

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.5	7.2	47.2
215	44.7	25.7	65.7

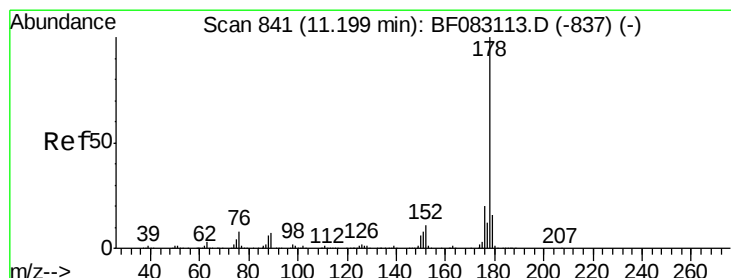
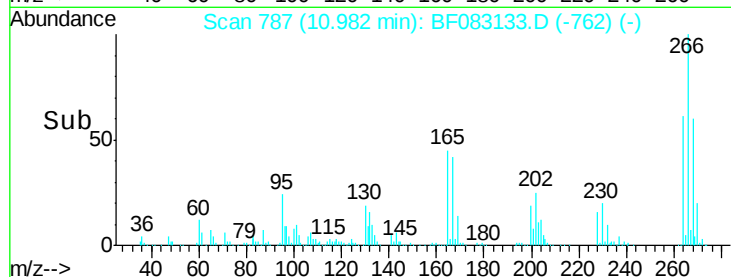
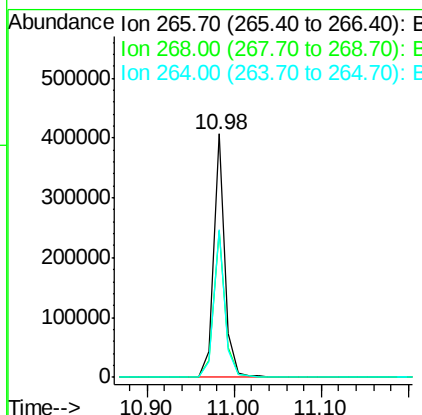
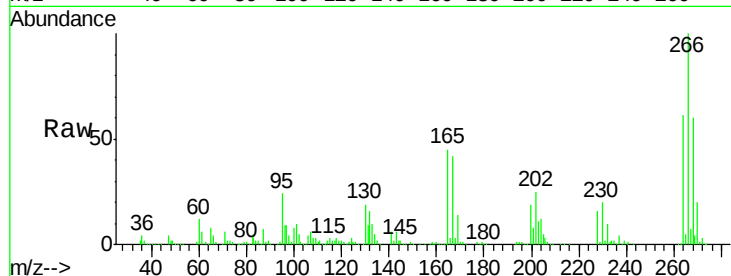




#69
 Pentachlorophenol
 Concen: 64.95 ng
 RT: 10.98 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF083133.D
 Acq: 22 Nov 2015 2:34

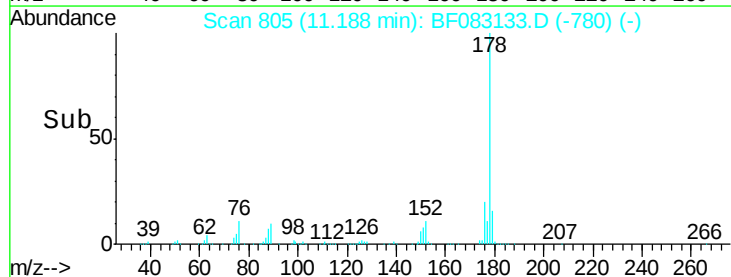
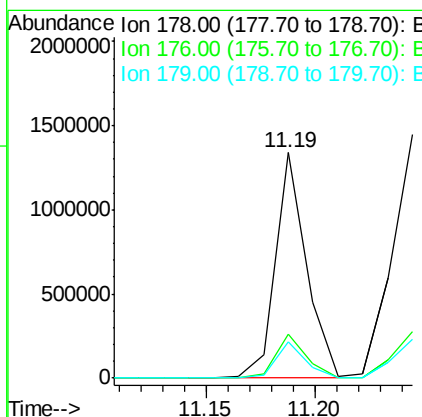
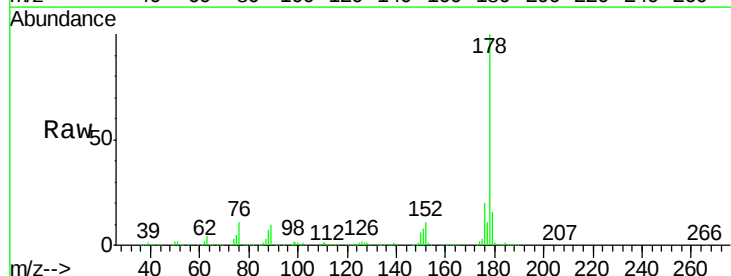
Instrument :
 BNA_F
 ClientSampleId :
 PB86782BS

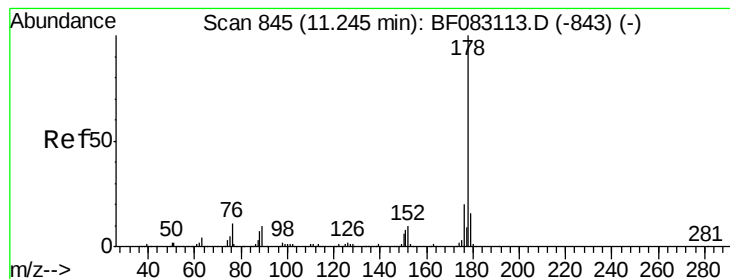
Tgt Ion:266 Resp: 373701
 Ion Ratio Lower Upper
 266 100
 268 59.9 51.4 77.0
 264 60.9 51.7 77.5



#70
 Phenanthrene
 Concen: 32.16 ng
 RT: 11.19 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF083133.D
 Acq: 22 Nov 2015 2:34

Tgt Ion:178 Resp: 1339174
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.2 24.2
 179 16.3 12.8 19.2





#71

Anthracene

Concen: 34.67 ng

RT: 11.24 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

Instrument :

BNA_F

ClientSampleId :

PB86782BS

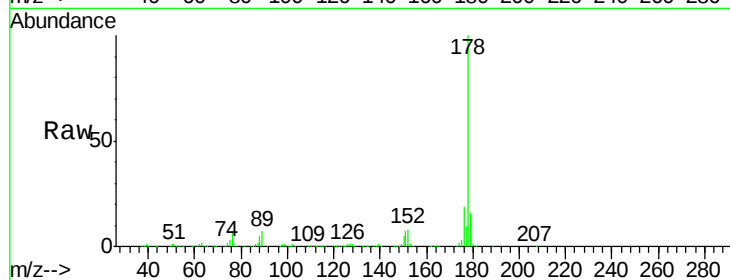
Tgt Ion:178 Resp: 1472927

Ion Ratio Lower Upper

178 100

176 18.9 15.6 23.4

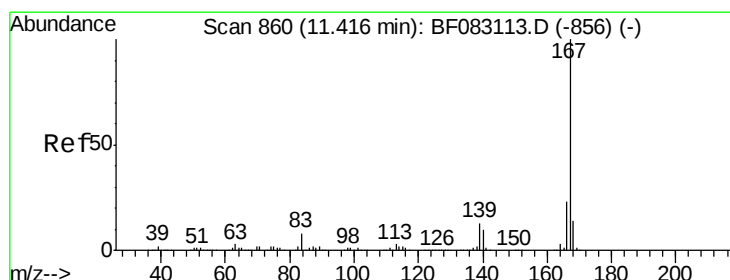
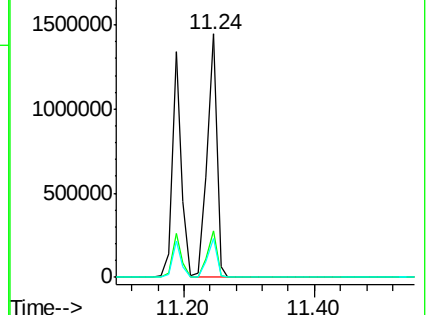
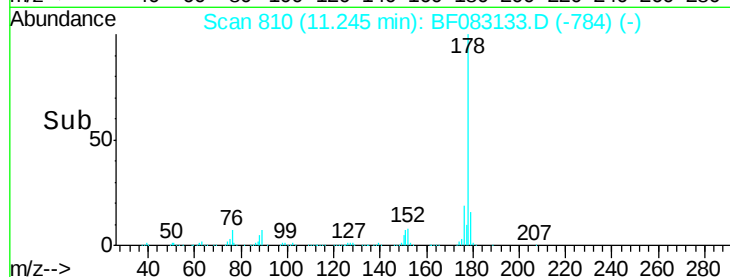
179 16.0 13.2 19.8



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: 34.31 ng

RT: 11.40 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

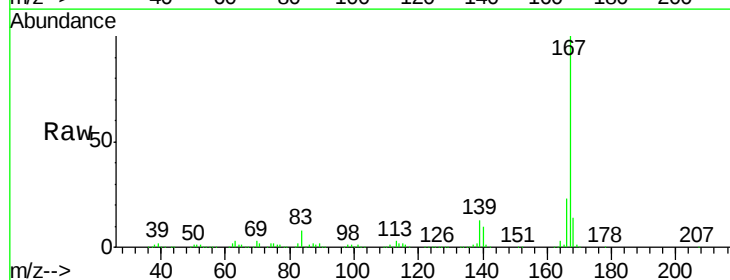
Tgt Ion:167 Resp: 1295846

Ion Ratio Lower Upper

167 100

166 22.6 18.0 27.0

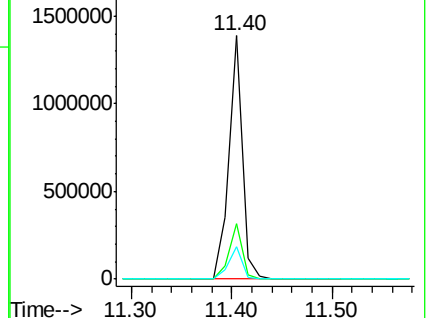
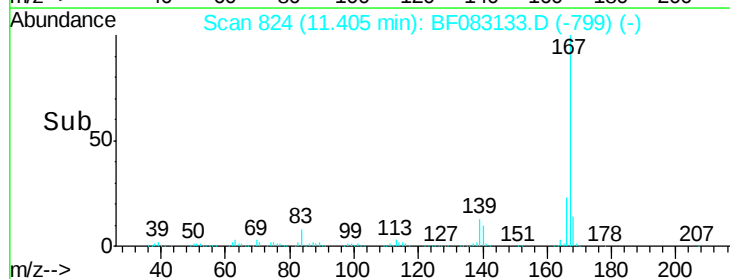
139 13.4 10.5 15.7

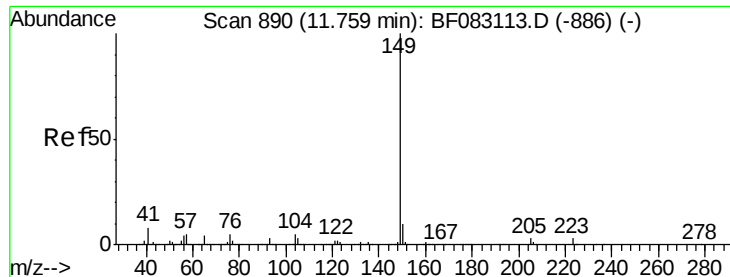


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

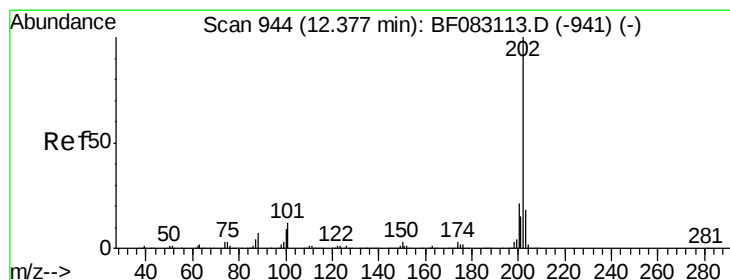
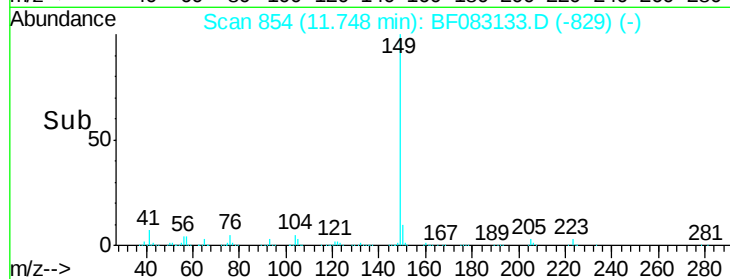
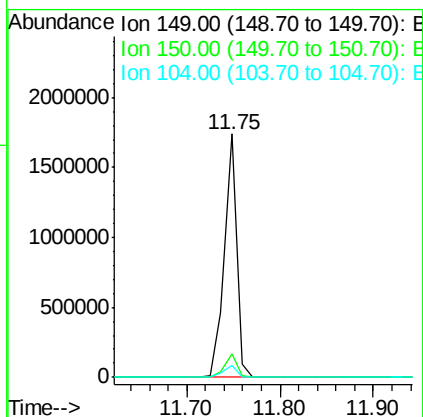
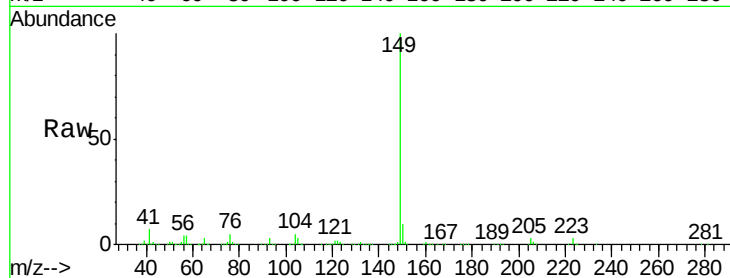




#73
Di-n-butylphthalate
Concen: 34.54 ng
RT: 11.75 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF083133.D
Acq: 22 Nov 2015 2:34

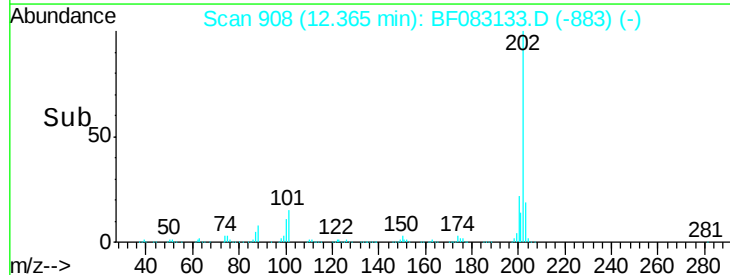
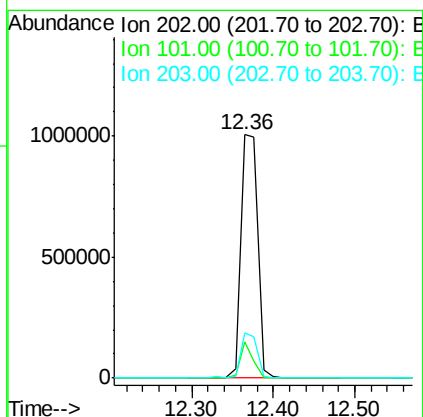
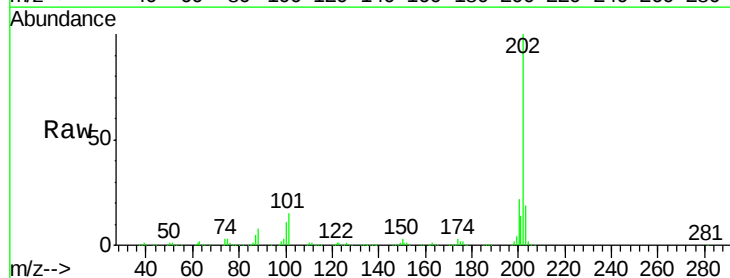
Instrument :
BNA_F
ClientSampleId :
PB86782BS

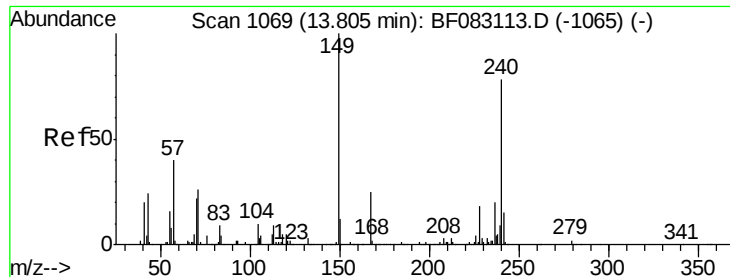
Tgt Ion:149 Resp: 1592142
Ion Ratio Lower Upper
149 100
150 9.7 8.0 12.0
104 5.0 4.4 6.6



#74
Fluoranthene
Concen: 33.58 ng
RT: 12.36 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF083133.D
Acq: 22 Nov 2015 2:34

Tgt Ion:202 Resp: 1431343
Ion Ratio Lower Upper
202 100
101 15.1 0.0 32.3
203 18.6 0.0 38.4

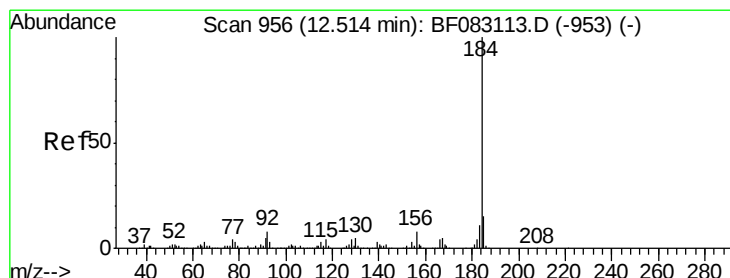
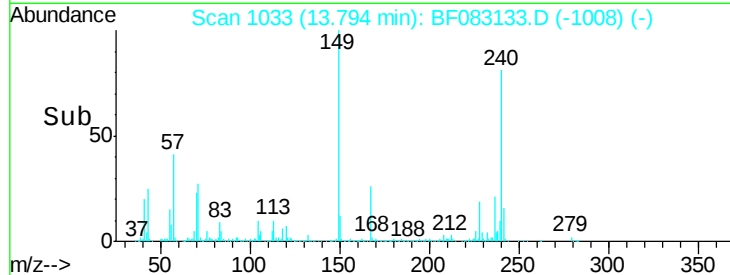
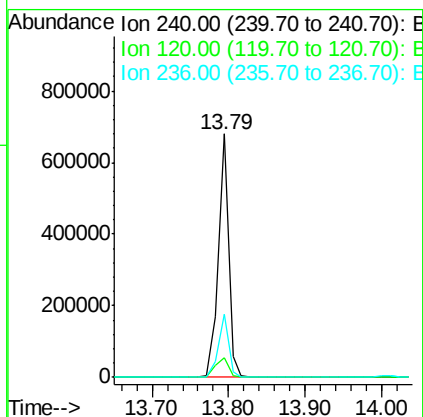
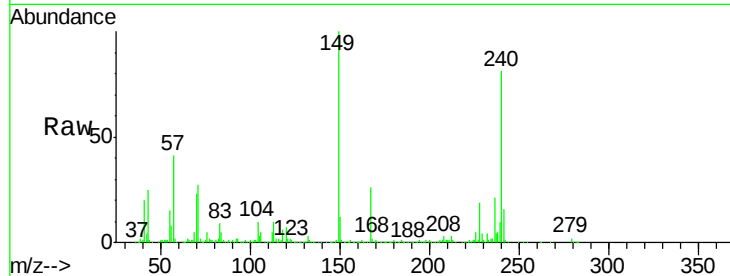




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.79 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF083133.D
Acq: 22 Nov 2015 2:34

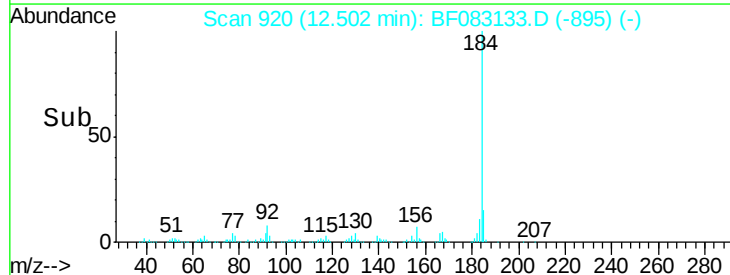
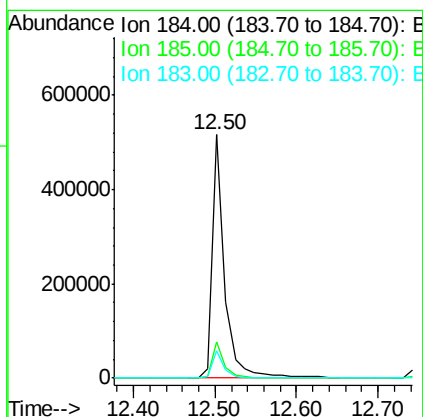
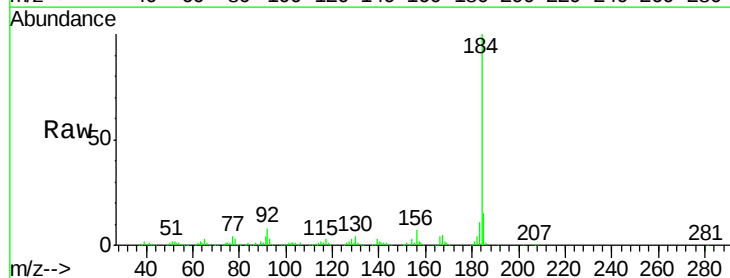
Instrument :
BNA_F
ClientSampleId :
PB86782BS

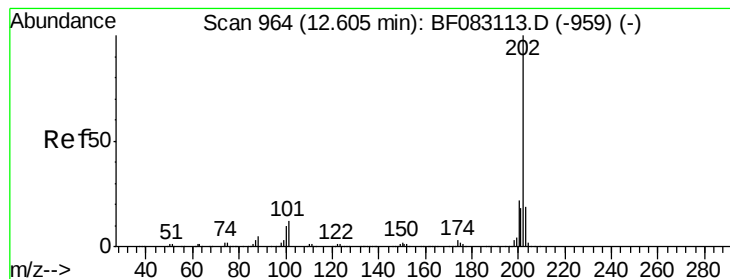
Tgt Ion:240 Resp: 632396
Ion Ratio Lower Upper
240 100
120 8.1 5.4 8.2
236 25.7 20.6 31.0



#76
Benzidine
Concen: 33.22 ng
RT: 12.50 min Scan# 920
Delta R.T. -0.01 min
Lab File: BF083133.D
Acq: 22 Nov 2015 2:34

Tgt Ion:184 Resp: 550570
Ion Ratio Lower Upper
184 100
185 14.7 11.7 17.5
183 11.3 8.8 13.2





#77

Pyrene

Concen: 32.41 ng

RT: 12.59 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

Instrument :

BNA_F

ClientSampleId :

PB86782BS

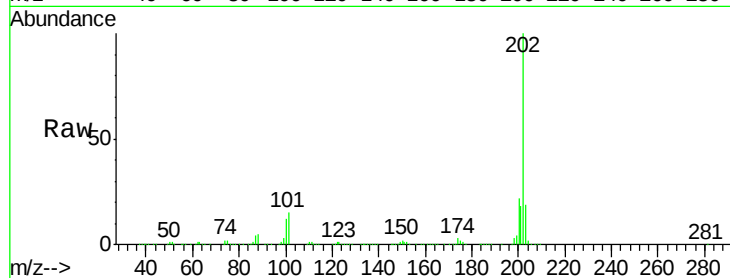
Tgt Ion:202 Resp: 1400449

Ion Ratio Lower Upper

202 100

200 22.4 17.8 26.6

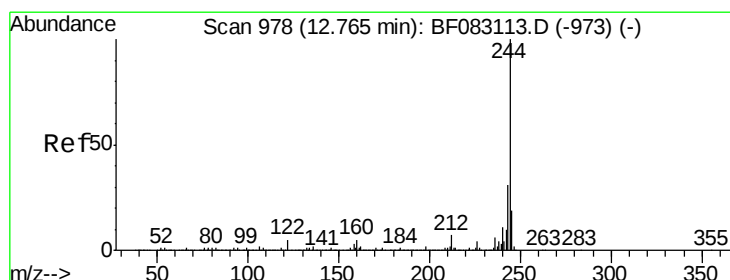
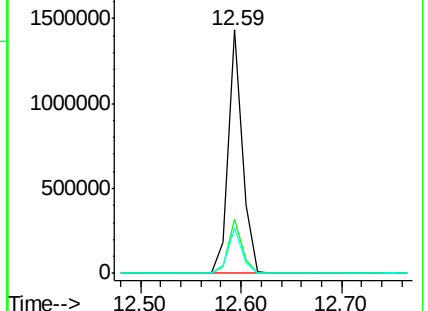
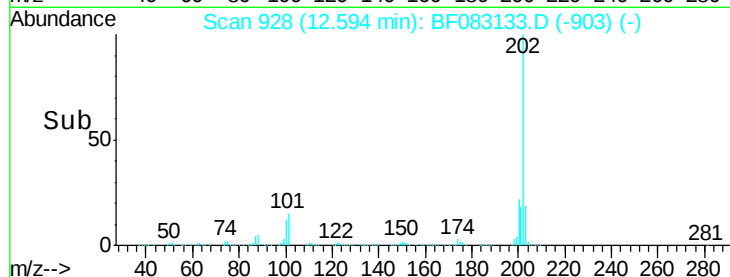
203 18.5 15.0 22.4



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: 35.62 ng

RT: 12.75 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

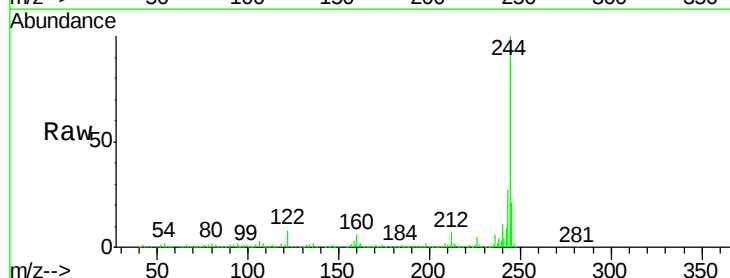
Tgt Ion:244 Resp: 1913224

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.2

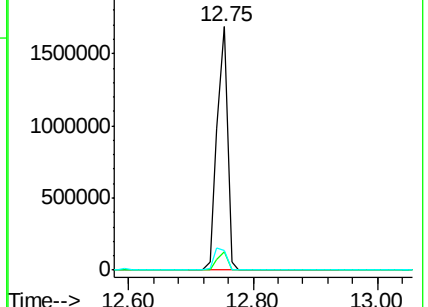
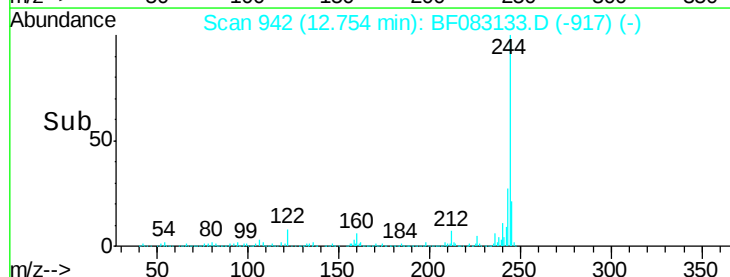
122 8.0 4.3 6.5#

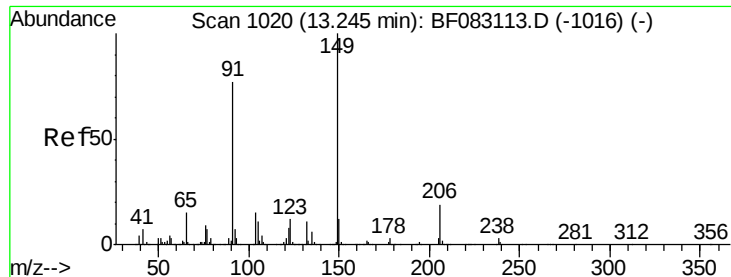


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

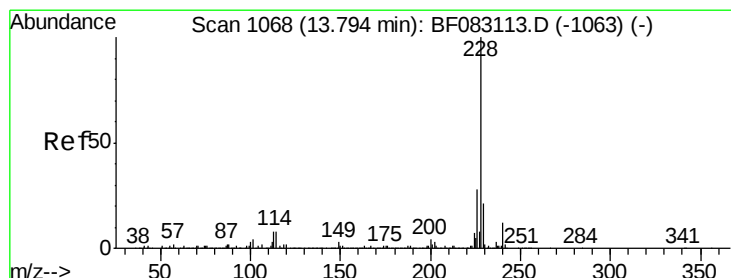
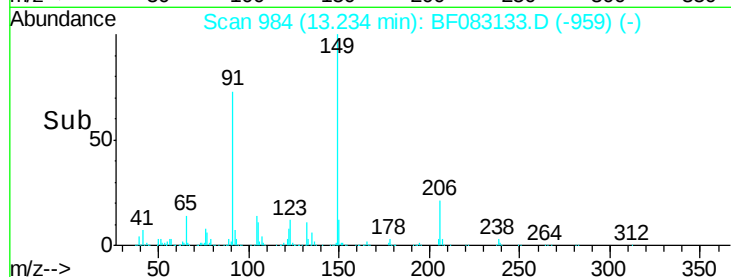
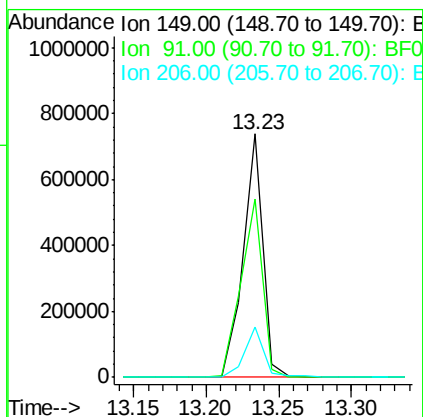
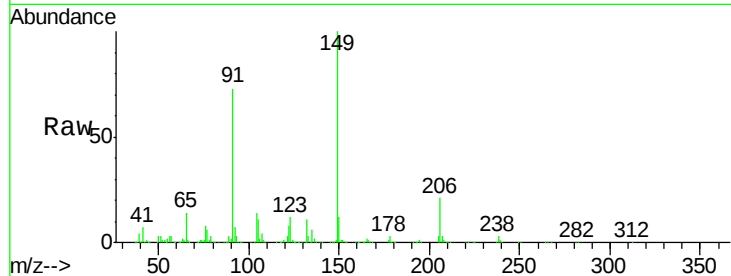




#79
Butylbenzylphthalate
Concen: 33.98 ng
RT: 13.23 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF083133.D
Acq: 22 Nov 2015 2:34

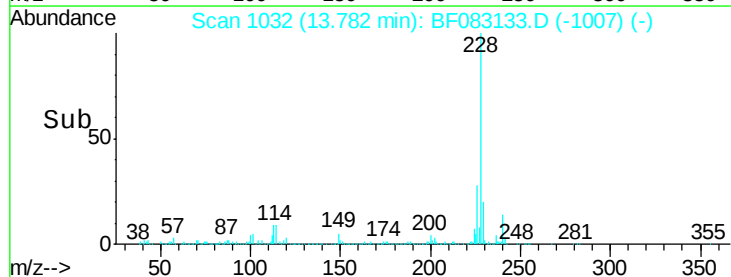
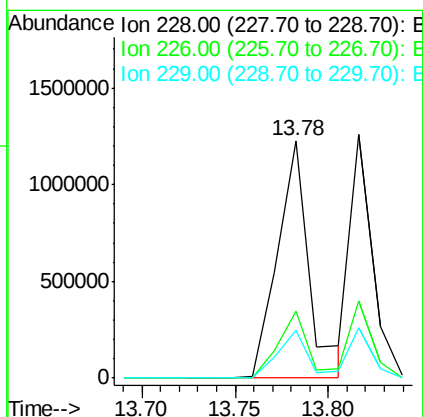
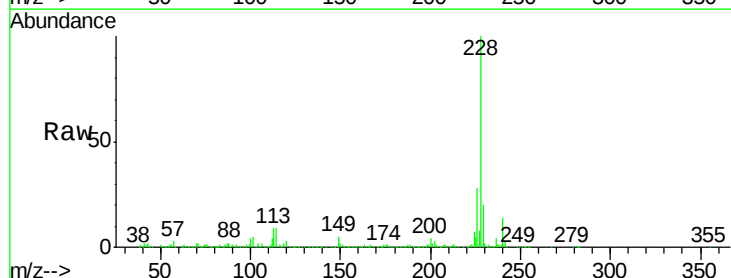
Instrument :
BNA_F
ClientSampleId :
PB86782BS

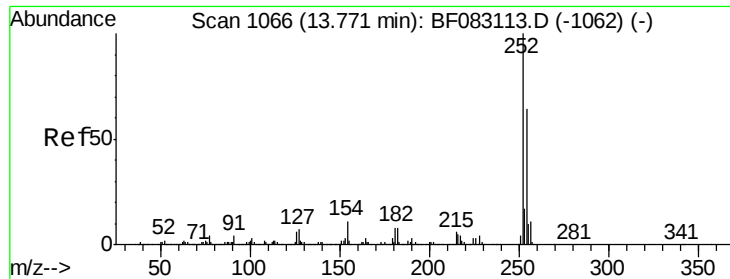
Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.3	61.5	92.3
206	20.7	15.3	22.9



#80
Benzo(a)anthracene
Concen: 36.98 ng
RT: 13.78 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF083133.D
Acq: 22 Nov 2015 2:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	20.4	16.6	24.8

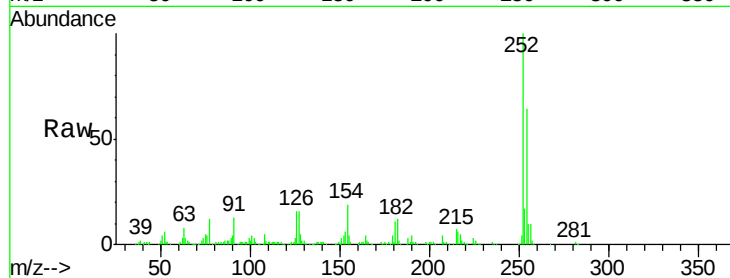




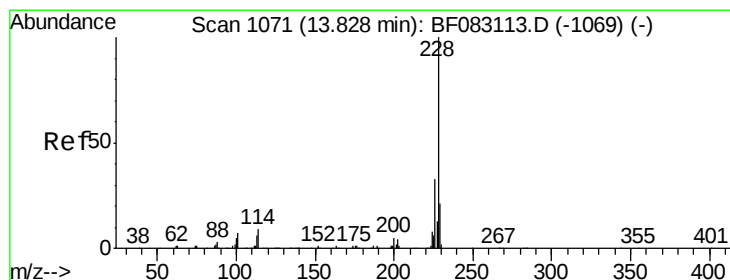
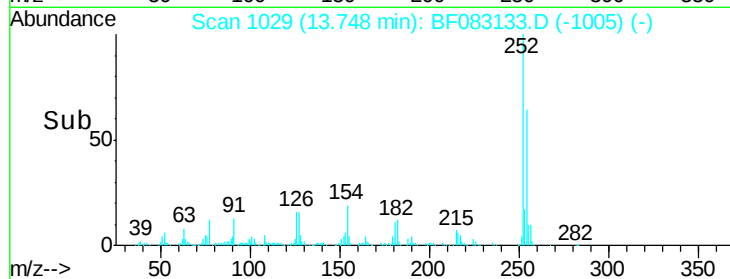
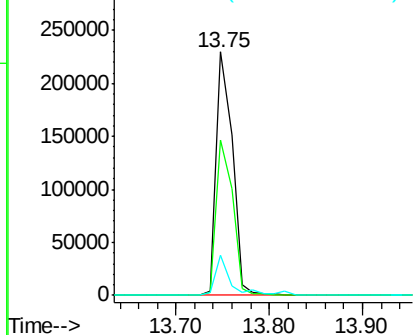
#81
 3,3'-Dichlorobenzidine
 Concen: 20.46 ng
 RT: 13.75 min Scan# 1029
 Delta R.T. -0.02 min
 Lab File: BF083133.D
 Acq: 22 Nov 2015 2:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86782BS

Tgt Ion:252 Resp: 278511
 Ion Ratio Lower Upper
 252 100
 254 63.8 51.5 77.3
 126 16.4 5.2 7.8#

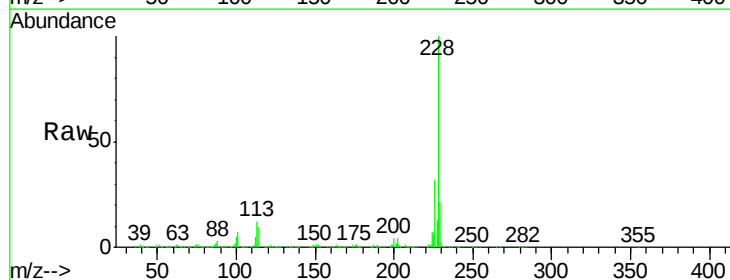


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

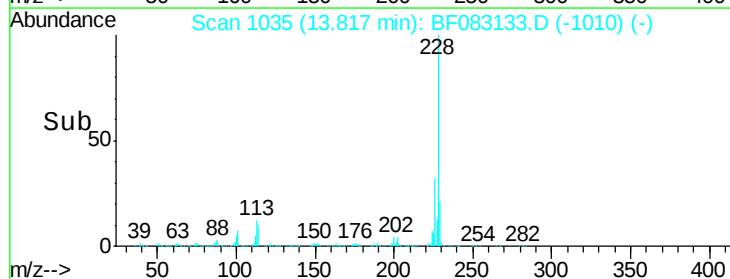
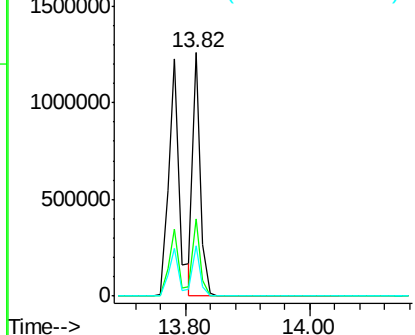


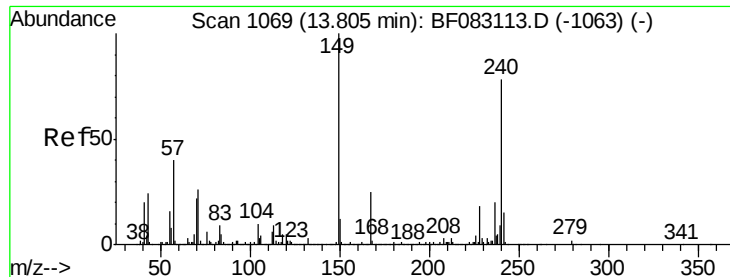
#82
 Chrysene
 Concen: 29.63 ng
 RT: 13.82 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF083133.D
 Acq: 22 Nov 2015 2:34

Tgt Ion:228 Resp: 1074843
 Ion Ratio Lower Upper
 228 100
 226 31.9 25.5 38.3
 229 20.8 16.6 25.0



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

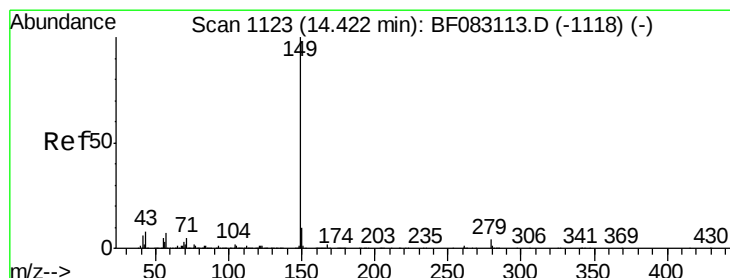
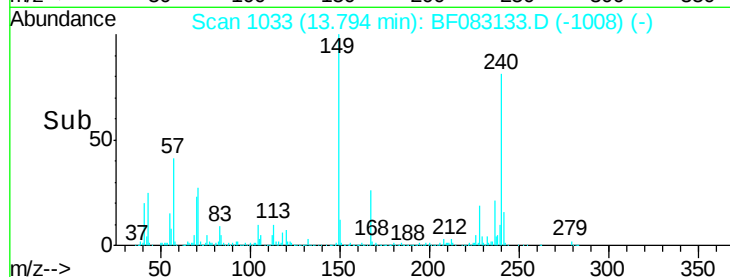
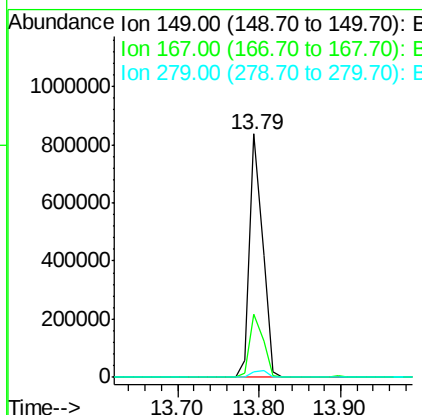
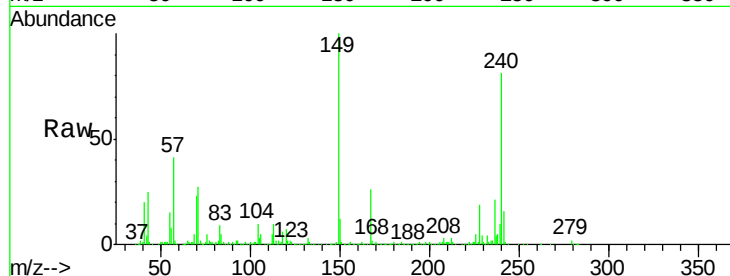




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.56 ng
 RT: 13.79 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF083133.D
 Acq: 22 Nov 2015 2:34

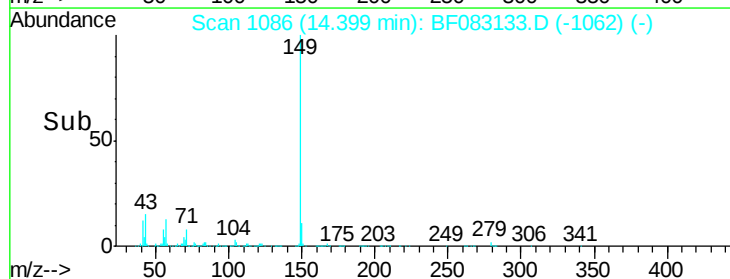
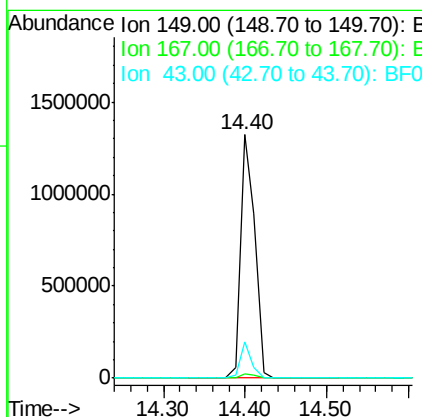
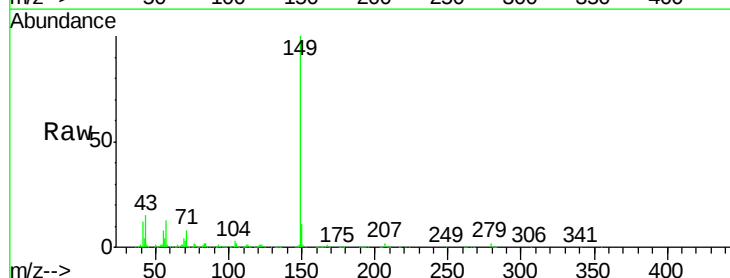
Instrument :
 BNA_F
 ClientSampleId :
 PB86782BS

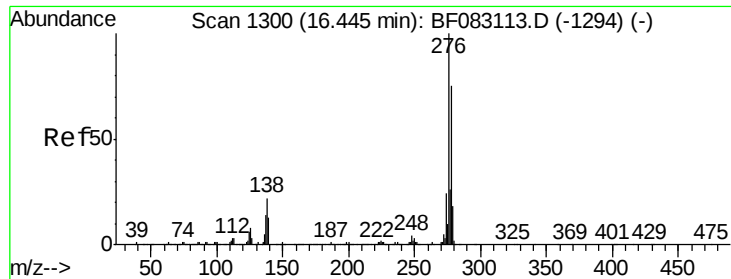
Tgt Ion:149 Resp: 922897
 Ion Ratio Lower Upper
 149 100
 167 26.0 20.1 30.1
 279 2.1 1.7 2.5



#84
 Di-n-octyl phthalate
 Concen: 34.58 ng
 RT: 14.40 min Scan# 1086
 Delta R.T. -0.02 min
 Lab File: BF083133.D
 Acq: 22 Nov 2015 2:34

Tgt Ion:149 Resp: 1589897
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 12.3 9.5 14.3





#85

Indeno(1,2,3-cd)pyrene

Concen: 32.94 ng

RT: 16.42 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

Instrument :

BNA_F

ClientSampleId :

PB86782BS

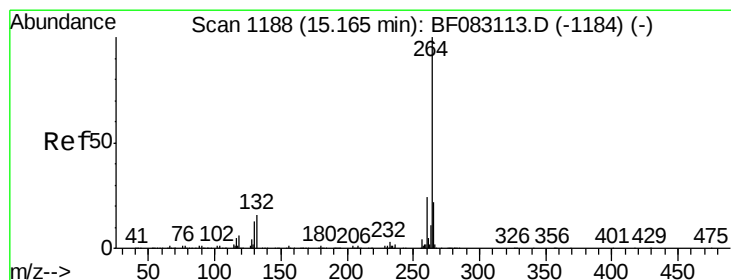
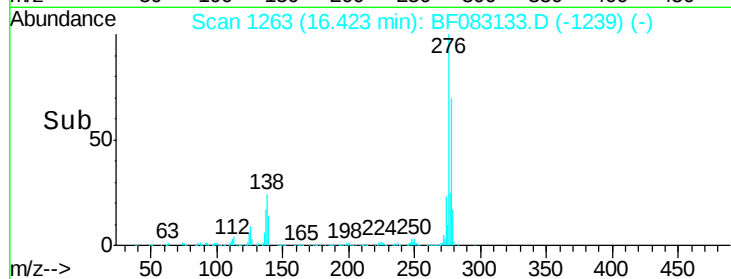
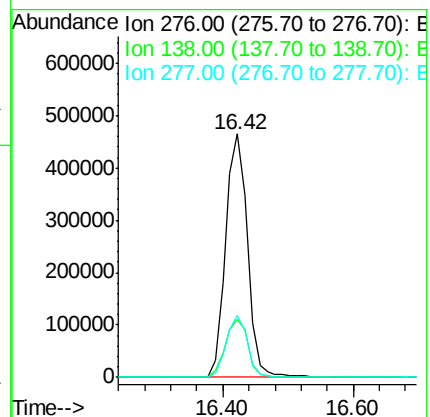
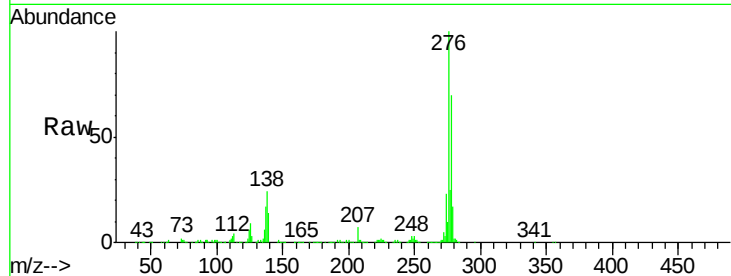
Tgt Ion:276 Resp: 1086596

Ion Ratio Lower Upper

276 100

138 24.7 18.0 27.0

277 24.7 20.2 30.4



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.15 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

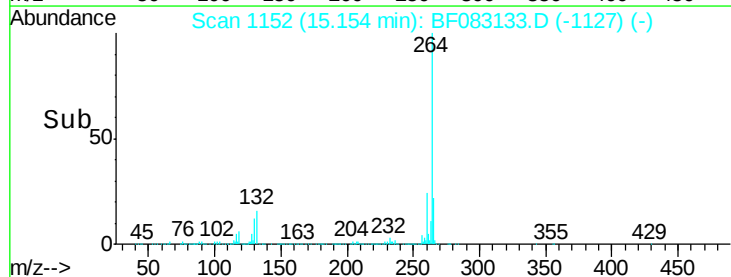
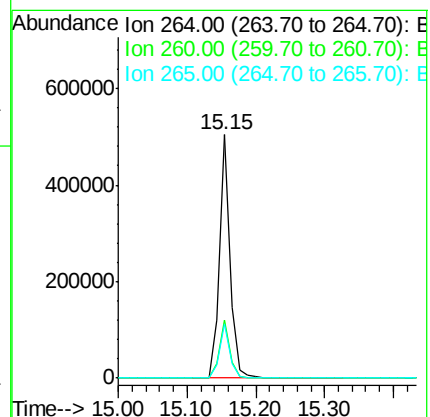
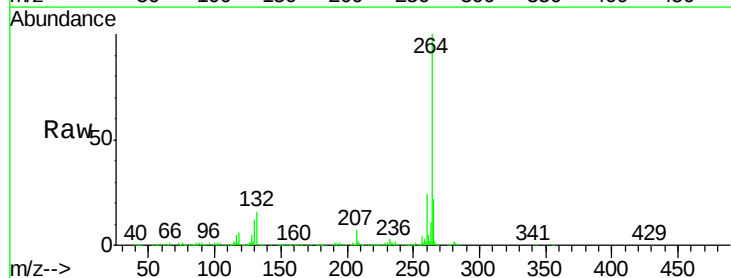
Tgt Ion:264 Resp: 552995

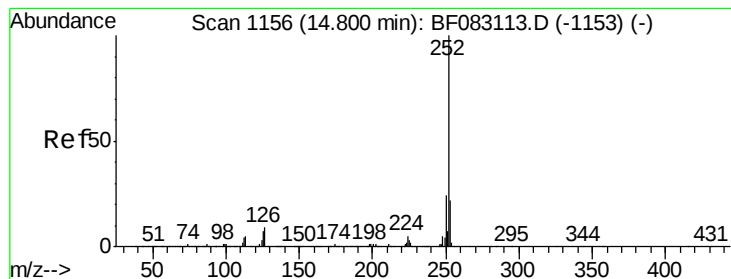
Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

265 22.0 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 59.06 ng

RT: 14.81 min Scan# 1122

Delta R.T. 0.01 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

Instrument :

BNA_F

ClientSampleId :

PB86782BS

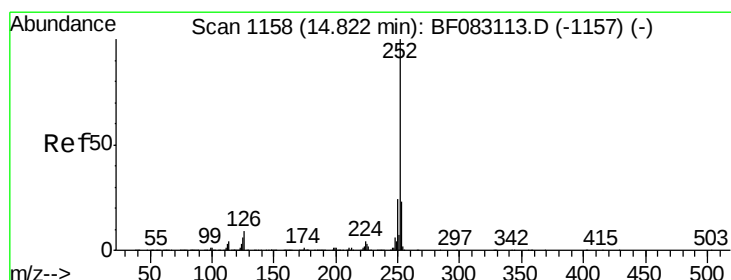
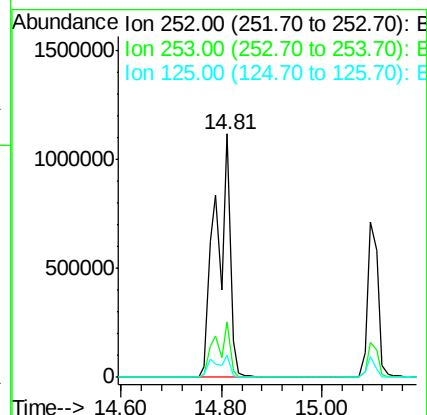
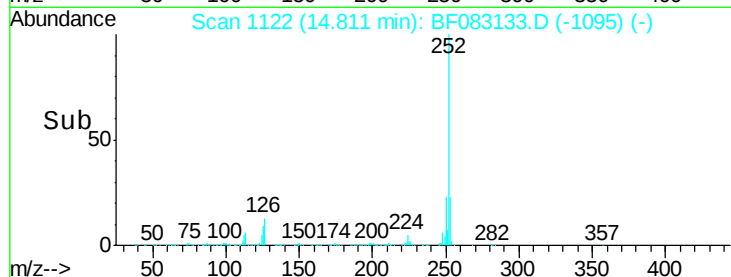
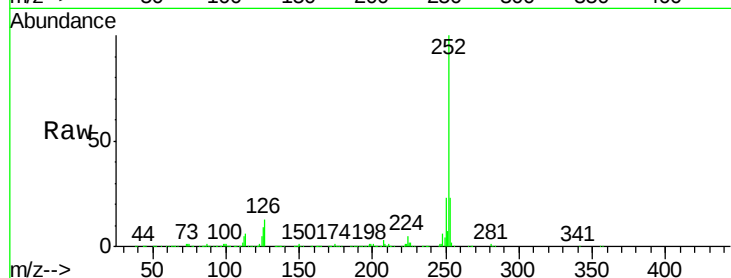
Tgt Ion:252 Resp: 2231638

Ion Ratio Lower Upper

252 100

253 22.6 17.7 26.5

125 9.1 5.6 8.4#



#88

Benzo(k)fluoranthene

Concen: 79.29 ng

RT: 14.81 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

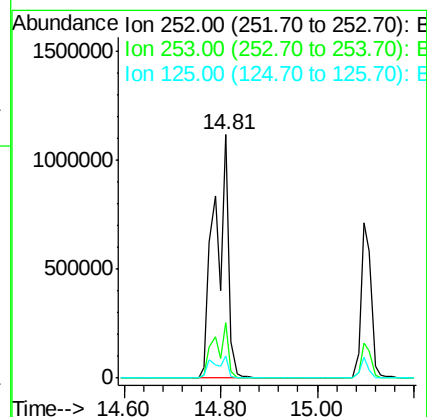
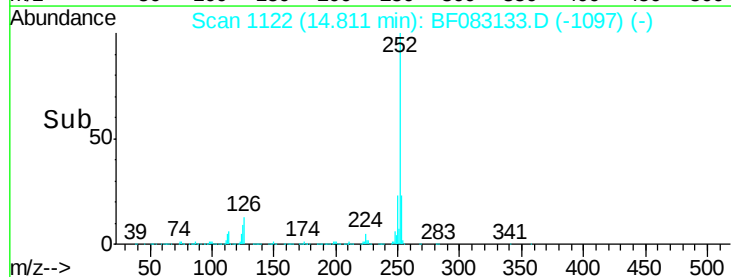
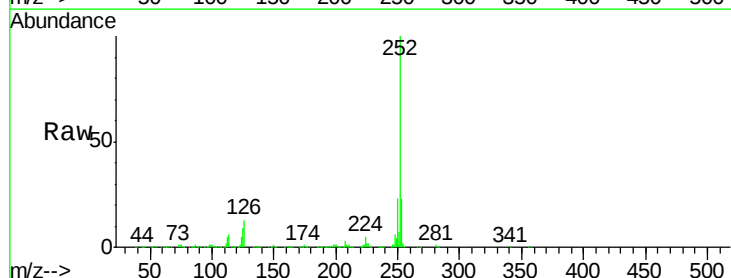
Tgt Ion:252 Resp: 2232006

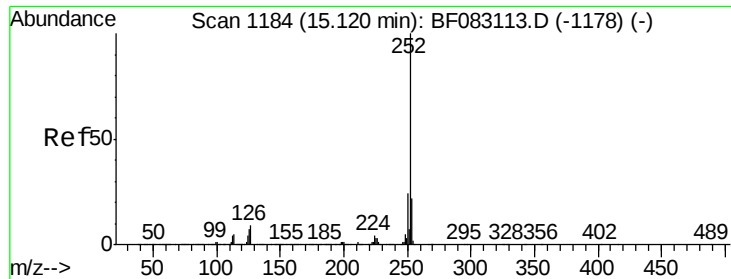
Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.2

125 9.1 6.8 10.2

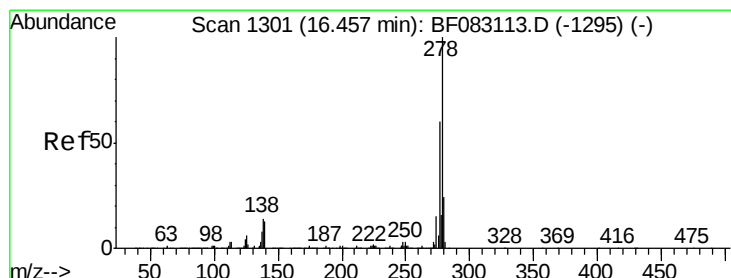
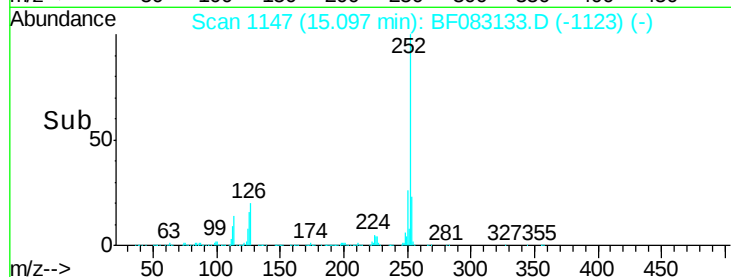
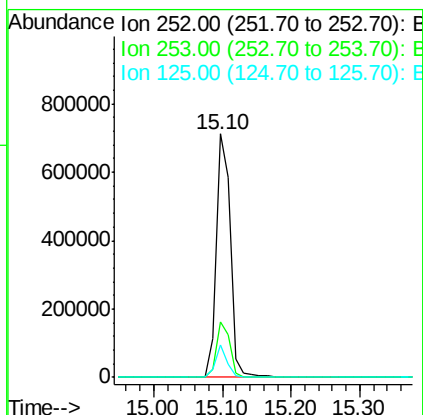
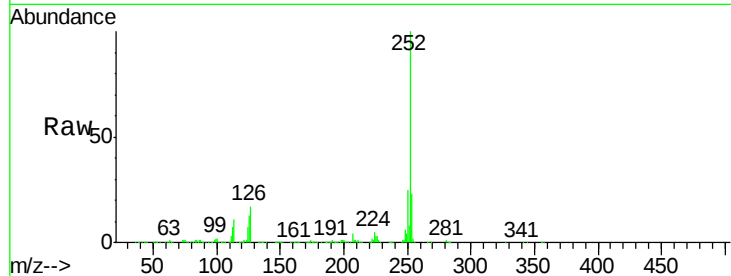




#89
Benzo(a)pyrene
Concen: 32.91 ng
RT: 15.10 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BF083133.D
Acq: 22 Nov 2015 2:34

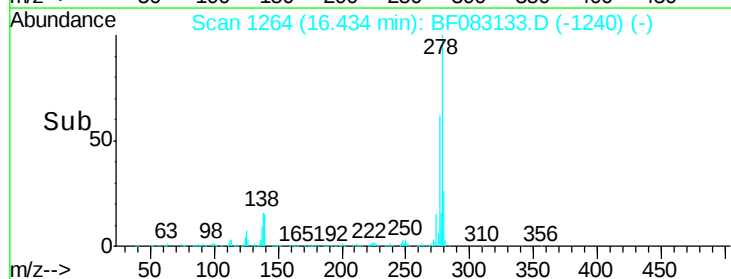
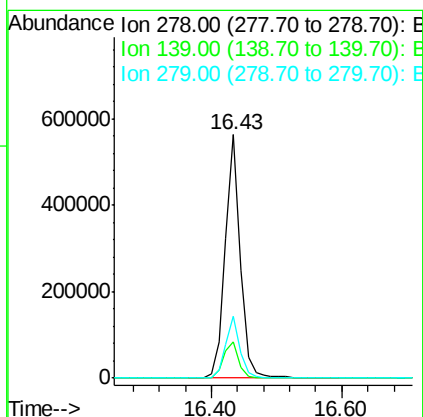
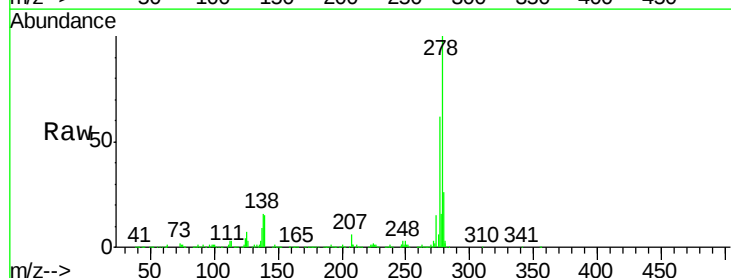
Instrument :
BNA_F
ClientSampleId :
PB86782BS

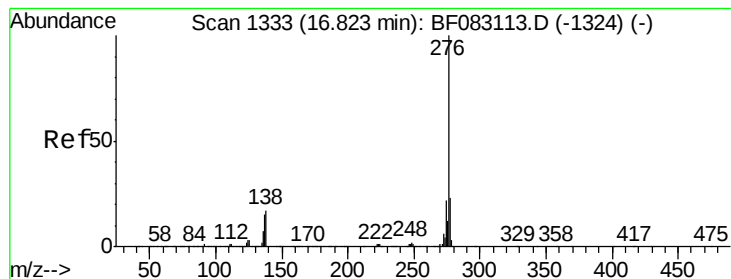
Tgt Ion:252 Resp: 1026748
Ion Ratio Lower Upper
252 100
253 22.7 17.5 26.3
125 13.3 5.4 8.0#



#90
Dibenzo(a,h)anthracene
Concen: 32.14 ng
RT: 16.43 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BF083133.D
Acq: 22 Nov 2015 2:34

Tgt Ion:278 Resp: 910784
Ion Ratio Lower Upper
278 100
139 14.9 10.7 16.1
279 25.5 19.3 28.9





#91

Benzo(g,h,i)perylene

Concen: 31.67 ng

RT: 16.80 min Scan# 1296

Delta R.T. -0.02 min

Lab File: BF083133.D

Acq: 22 Nov 2015 2:34

Instrument :

BNA_F

ClientSampleId :

PB86782BS

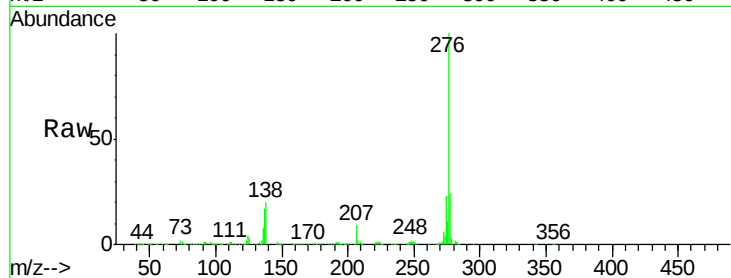
Tgt Ion: 276 Resp: 875998

Ion Ratio Lower Upper

276 100

277 24.1 18.7 28.1

138 20.1 13.9 20.9



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

