

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
 Data File : BF083250.D
 Acq On : 24 Nov 2015 21:40
 Operator : UM/IZ
 Sample : PB86773BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86773BS

Quant Time: Nov 25 00:34:11 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 09:22:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	175960	20.00	ng	-0.06
21) Naphthalene-d8	7.90	136	657723	20.00	ng	-0.06
38) Acenaphthene-d10	9.64	164	334084	20.00	ng	-0.06
63) Phenanthrene-d10	11.13	188	646176	20.00	ng	-0.05
75) Chrysene-d12	13.75	240	536101	20.00	ng	-0.06
86) Perylene-d12	15.11	264	428656	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	858656	73.78	ng	-0.07
7) Phenol-d6	6.27	99	1132704	75.22	ng	-0.07
23) Nitrobenzene-d5	7.19	82	1088323	75.61	ng	-0.05
41) 2,4,6-Tribromophenol	10.44	330	253284	74.11	ng	-0.05
44) 2-Fluorobiphenyl	8.98	172	1643797	68.61	ng	-0.05
78) Terphenyl-d14	12.71	244	1640923	72.08	ng	-0.06

Target Compounds						Qvalue
2) 1,4-Dioxane	2.12	88	168279	29.19	ng	# 82
4) n-Nitrosodimethylamine	2.72	42	268607	38.25	ng	94
6) Aniline	6.27	93	383986	20.86	ng	93
8) 2-Chlorophenol	6.40	128	458954	36.50	ng	98
9) Benzaldehyde	6.15	77	248802	30.83	ng	92
10) Phenol	6.30	94	600856	32.98	ng	# 72
11) bis(2-Chloroethyl)ether	6.35	93	473622	36.41	ng	97
12) 1,3-Dichlorobenzene	6.55	146	492258	34.29	ng	93
13) 1,4-Dichlorobenzene	6.63	146	507520	34.95	ng	97
14) 1,2-Dichlorobenzene	6.78	146	443844	33.62	ng	95
15) Benzyl Alcohol	6.78	79	446375	35.47	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	845409	41.68	ng	89
17) 2-Methylphenol	6.90	107	394513	37.92	ng	95
18) Hexachloroethane	7.12	117	173866	33.99	ng	# 82
19) n-Nitroso-di-n-propylamine	7.04	70	378314	36.10	ng	100
20) 3+4-Methylphenols	7.06	107	513629	39.05	ng	97
22) Acetophenone	7.03	105	647640	34.30	ng	# 97
24) Nitrobenzene	7.20	77	532659	34.63	ng	99
25) Isophorone	7.45	82	970196	35.60	ng	96
26) 2-Nitrophenol	7.52	139	229064	33.74	ng	# 85
27) 2,4-Dimethylphenol	7.59	122	397738	36.70	ng	90
28) bis(2-Chloroethoxy)methane	7.67	93	613767	38.73	ng	100
29) 2,4-Dichlorophenol	7.77	162	379584	36.83	ng	95
30) 1,2,4-Trichlorobenzene	7.84	180	382265	33.77	ng	96
31) Naphthalene	7.92	128	1232003	34.71	ng	99
32) Benzoic acid	7.72	122	274981	32.65	ng	96
33) 4-Chloroaniline	7.99	127	151342	10.99	ng	# 90
34) Hexachlorobutadiene	8.04	225	217680	32.54	ng	98
35) Caprolactam	8.35	113	80467	24.36	ng	94
36) 4-Chloro-3-methylphenol	8.49	107	443473	37.15	ng	94
37) 2-Methylnaphthalene	8.62	142	863468	37.48	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	366761	33.87	ng	99
40) Hexachlorocyclopentadiene	8.78	237	428020	69.52	ng	98
42) 2,4,6-Trichlorophenol	8.90	196	266505	34.37	ng	99

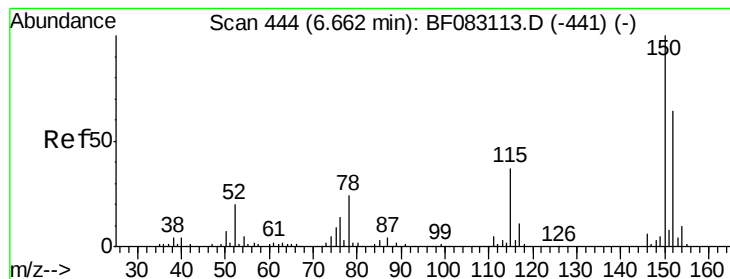
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.95	196	295768	37.30	ng	# 89
45) 1,1'-Biphenyl	9.08	154	999891	35.17	ng	100
46) 2-Chloronaphthalene	9.10	162	771592	34.55	ng	# 93
47) 2-Nitroaniline	9.21	65	317920	40.24	ng	# 76
48) Acenaphthylene	9.51	152	1229299	35.52	ng	100
49) Dimethylphthalate	9.39	163	994860	38.68	ng	100
50) 2,6-Dinitrotoluene	9.45	165	221699	38.41	ng	# 76
51) Acenaphthene	9.68	154	735813	34.93	ng	98
52) 3-Nitroaniline	9.62	138	99585	16.19	ng	90
53) 2,4-Dinitrophenol	9.72	184	247186	74.34	ng	92
54) Dibenzofuran	9.86	168	1132553	38.02	ng	94
55) 4-Nitrophenol	9.82	139	327156	69.34	ng	# 66
56) 2,4-Dinitrotoluene	9.85	165	283212	38.73	ng	95
57) Fluorene	10.19	166	855626	34.76	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	242977	37.35	ng	95
59) Diethylphthalate	10.09	149	962395	37.59	ng	98
60) 4-Chlorophenyl-phenylether	10.19	204	411452	36.50	ng	93
61) 4-Nitroaniline	10.23	138	214066	35.34	ng	88
62) Azobenzene	10.35	77	1197625	40.98	ng	98
64) 4,6-Dinitro-2-methylphenol	10.26	198	166159	37.32	ng	82
65) n-Nitrosodiphenylamine	10.32	169	820579	37.34	ng	100
66) 4-Bromophenyl-phenylether	10.68	248	262971	36.67	ng	# 91
67) Hexachlorobenzene	10.74	284	284444	36.02	ng	98
68) Atrazine	10.86	200	254904	39.94	ng	94
69) Pentachlorophenol	10.95	266	333469	64.84	ng	99
70) Phenanthrene	11.15	178	1428917	38.38	ng	99
71) Anthracene	11.20	178	1353236	35.63	ng	99
72) Carbazole	11.36	167	1192607	35.32	ng	98
73) Di-n-butylphthalate	11.70	149	1406775	34.14	ng	99
74) Fluoranthene	12.33	202	1388117	36.43	ng	100
76) Benzidine	12.47	184	433333	30.84	ng	99
77) Pyrene	12.56	202	1503519	41.05	ng	99
79) Butylbenzylphthalate	13.20	149	622584	35.92	ng	# 84
80) Benzo(a)anthracene	13.74	228	1237528	37.32	ng	99
81) 3,3'-Dichlorobenzidine	13.71	252	253520	21.97	ng	# 96
82) Chrysene	13.78	228	1198262	38.97	ng	99
83) Bis(2-ethylhexyl)phthalate	13.76	149	824991	36.44	ng	# 97
84) Di-n-octyl phthalate	14.37	149	1202440	30.85	ng	95
85) Indeno(1,2,3-cd)pyrene	16.35	276	934297	33.41	ng	96
87) Benzo(b)fluoranthene	14.74	252	1803097	61.56	ng	# 97
88) Benzo(k)fluoranthene	14.74	252	1803636	82.65	ng	# 97
89) Benzo(a)pyrene	15.05	252	861784	35.64	ng	# 94
90) Dibenzo(a,h)anthracene	16.37	278	782730	35.63	ng	97
91) Benzo(g,h,i)perylene	16.72	276	791616	36.92	ng	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 404

Delta R.T. -0.06 min

Lab File: BF083250.D

Acq: 24 Nov 2015 21:40

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PB86773BS

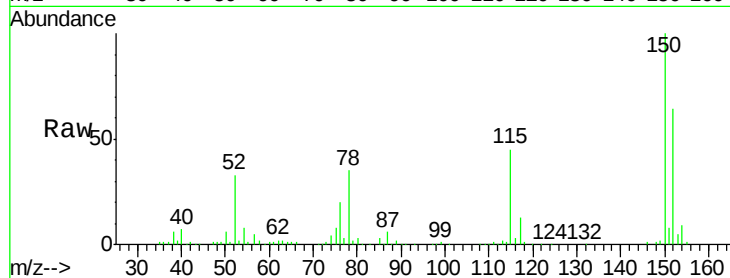
Tgt Ion:152 Resp: 175960

Ion Ratio Lower Upper

152 100

150 156.7 125.8 188.8

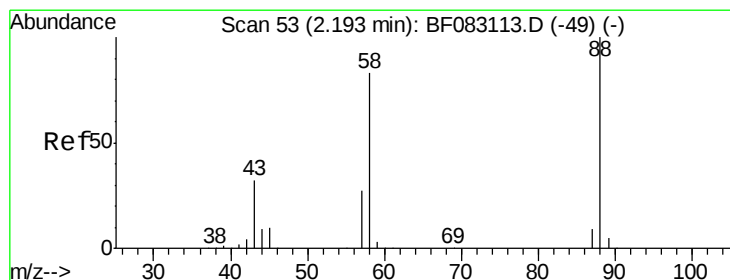
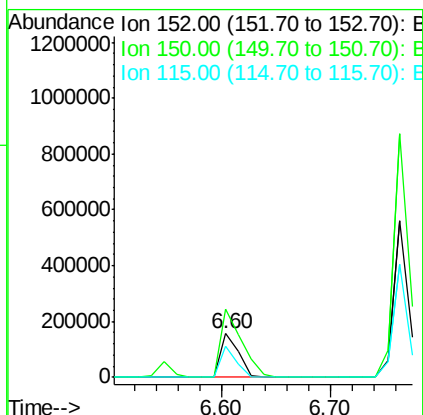
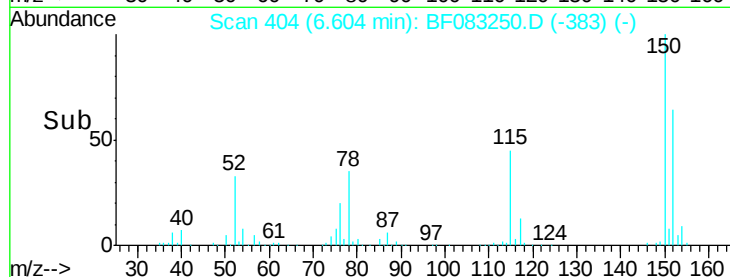
115 70.4 46.9 70.3#



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: 29.19 ng

RT: 2.12 min Scan# 12

Delta R.T. -0.07 min

Lab File: BF083250.D

Acq: 24 Nov 2015 21:40

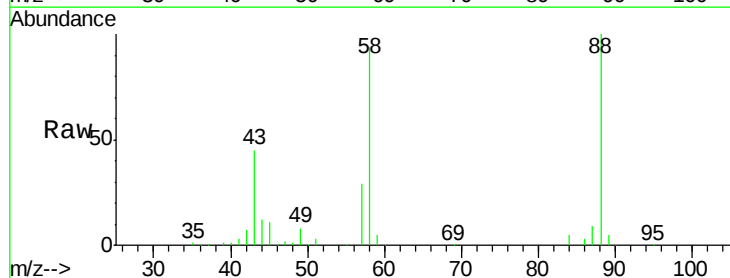
Tgt Ion: 88 Resp: 168279

Ion Ratio Lower Upper

88 100

58 88.5 65.0 97.6

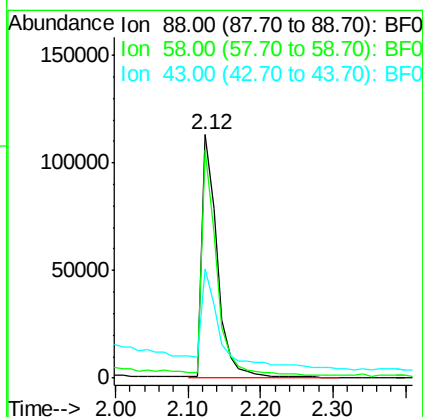
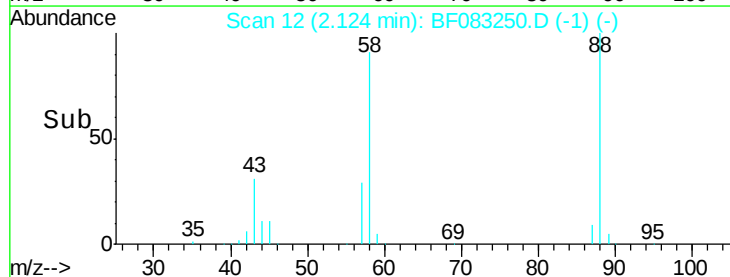
43 55.3 24.7 37.1#

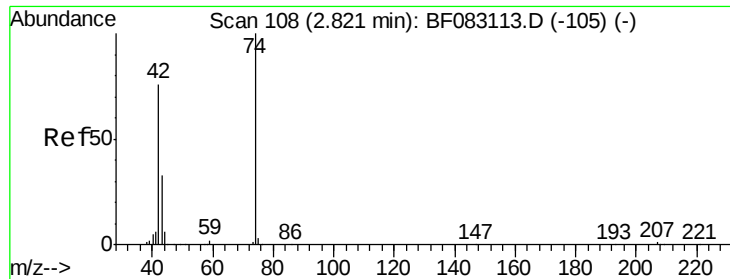


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#4

n-Nitrosodimethylamine

Concen: 38.25 ng

RT: 2.72 min Scan# 64

Delta R.T. -0.10 min

Lab File: BF083250.D

Acq: 24 Nov 2015 21:40

Instrument :

BNA_F

ClientSampleId :

PB86773BS

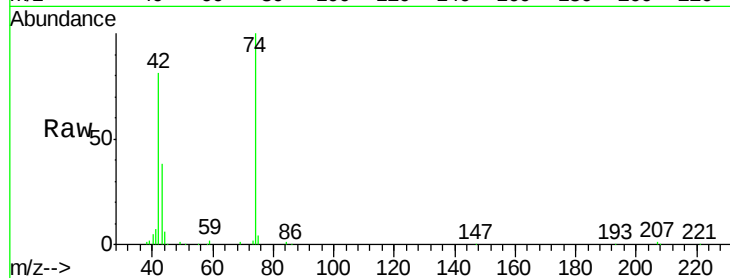
Tgt Ion: 42 Resp: 268607

Ion Ratio Lower Upper

42 100

74 123.1 104.8 157.2

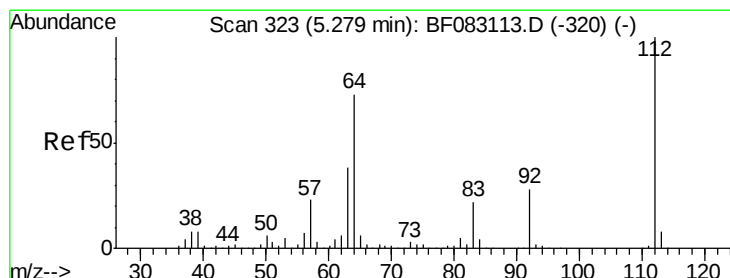
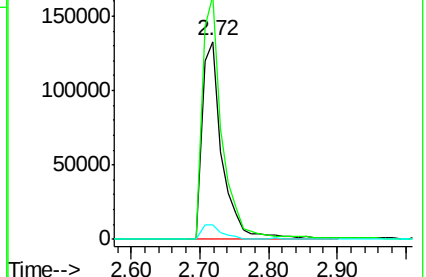
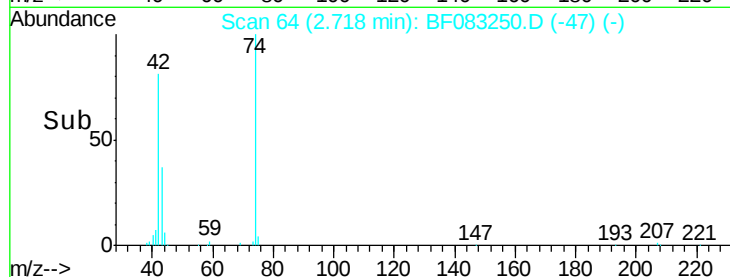
44 7.0 6.2 9.4



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: 73.78 ng

RT: 5.21 min Scan# 282

Delta R.T. -0.07 min

Lab File: BF083250.D

Acq: 24 Nov 2015 21:40

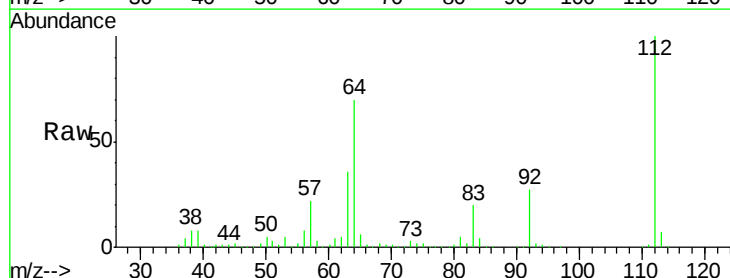
Tgt Ion: 112 Resp: 858656

Ion Ratio Lower Upper

112 100

64 70.3 58.4 87.6

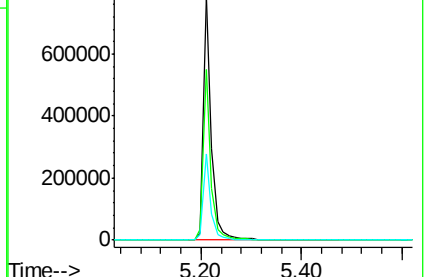
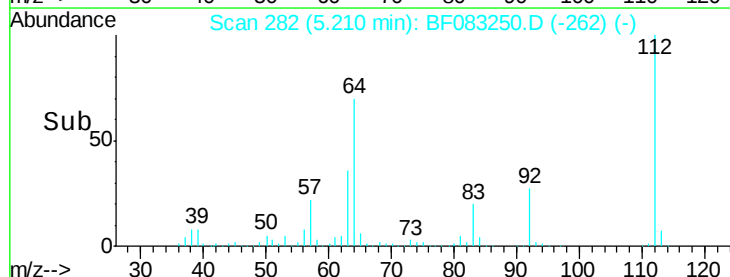
63 35.6 30.0 45.0

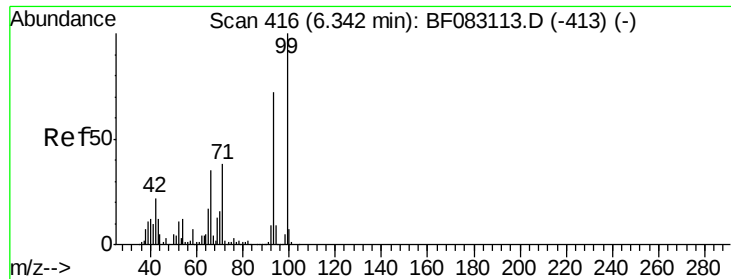


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 20.86 ng

RT: 6.27 min Scan# 375

Delta R.T. -0.07 min

Lab File: BF083250.D

Acq: 24 Nov 2015 21:40

Instrument :

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ClientSampleId :

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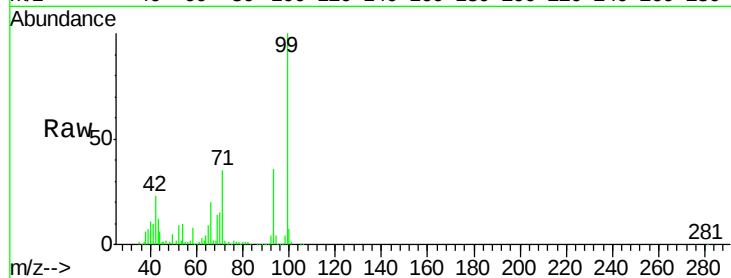
Tgt Ion: 93 Resp: 383986

Ion Ratio Lower Upper

93 100

66 54.8 38.7 58.1

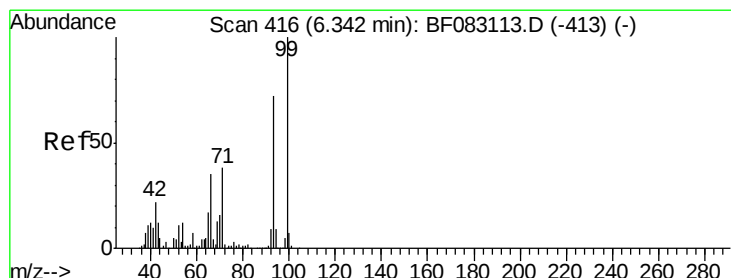
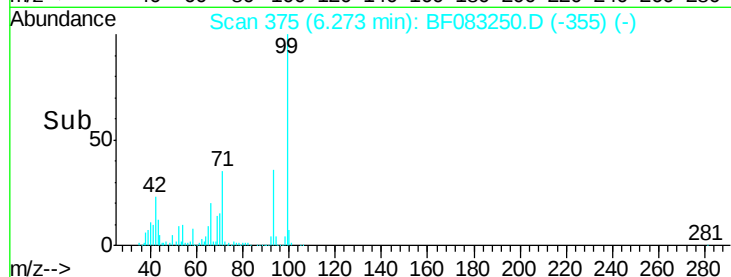
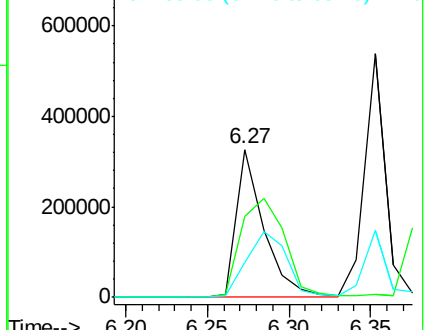
65 24.0 18.6 27.8



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: 75.22 ng

RT: 6.27 min Scan# 375

Delta R.T. -0.07 min

Lab File: BF083250.D

Acq: 24 Nov 2015 21:40

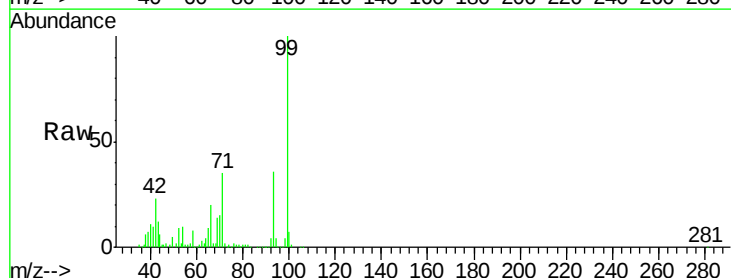
Tgt Ion: 99 Resp: 1132704

Ion Ratio Lower Upper

99 100

42 23.4 17.7 26.5

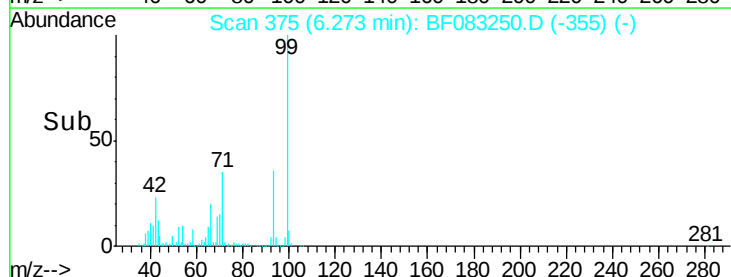
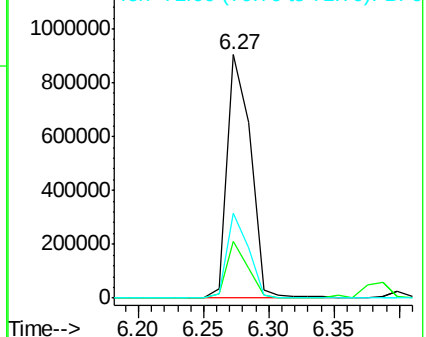
71 34.9 30.2 45.4

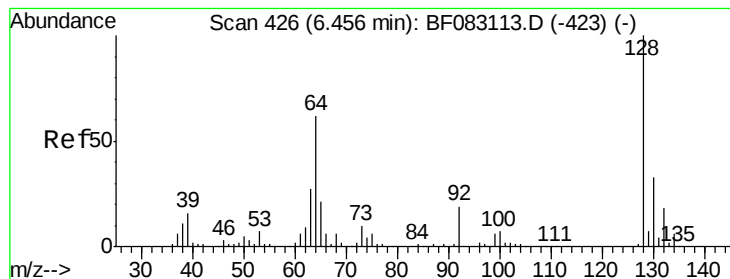


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 36.50 ng

RT: 6.40 min Scan# 386

Delta R.T. -0.06 min

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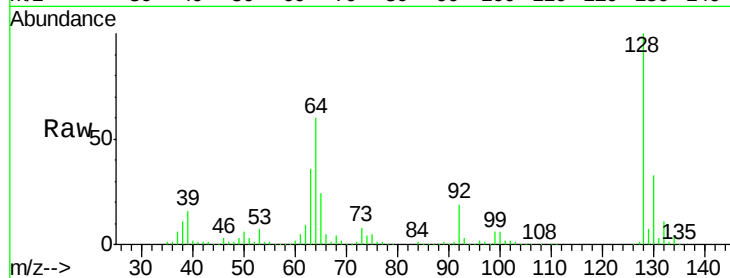
Tgt Ion: 128 Resp: 458954

Ion Ratio Lower Upper

128 100

130 32.5 12.6 52.6

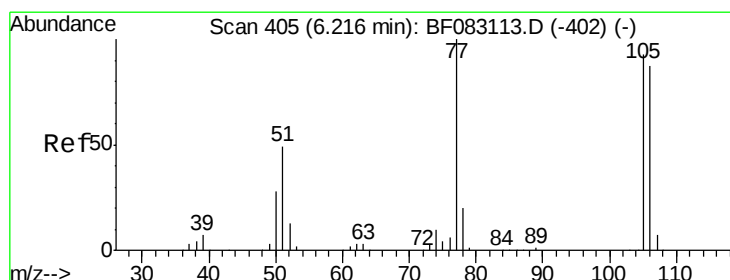
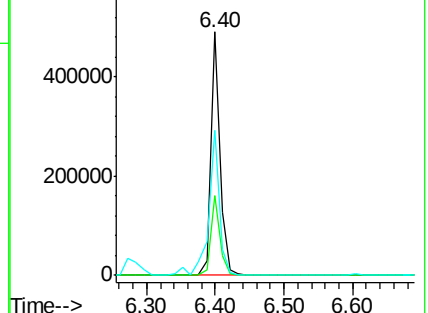
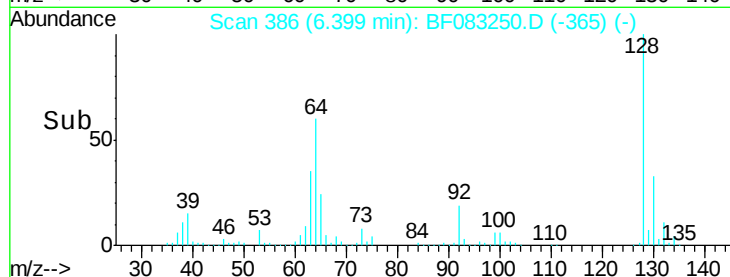
64 59.7 41.9 81.9



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



#9

Benzaldehyde

Concen: 30.83 ng

RT: 6.15 min Scan# 364

Delta R.T. -0.07 min

Lab File: BF083250.D

Acq: 24 Nov 2015 21:40

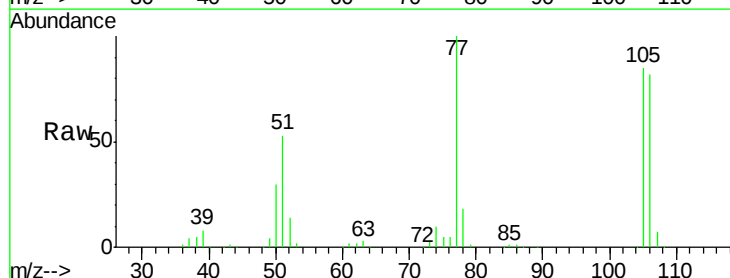
Tgt Ion: 77 Resp: 248802

Ion Ratio Lower Upper

77 100

105 84.9 73.4 113.4

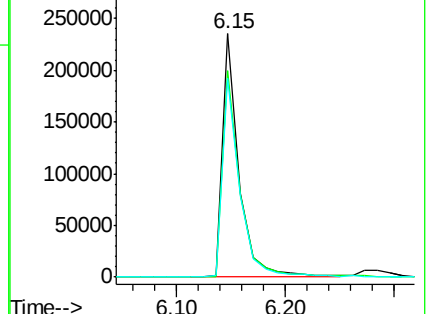
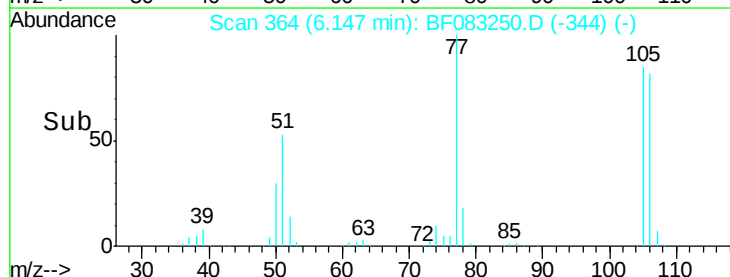
106 81.5 67.5 107.5

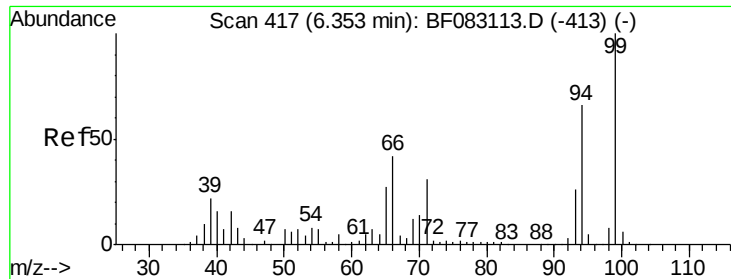


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 32.98 ng

RT: 6.30 min Scan# 377

Delta R.T. -0.06 min

Lab File: BF083250.D

Acq: 24 Nov 2015 21:40

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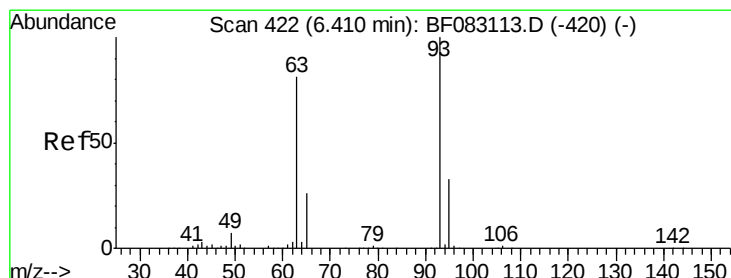
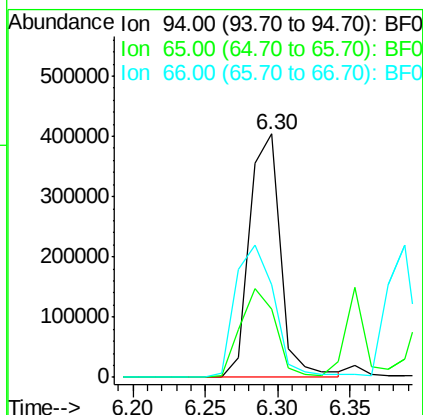
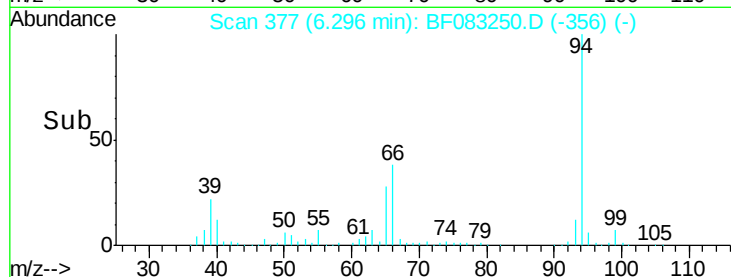
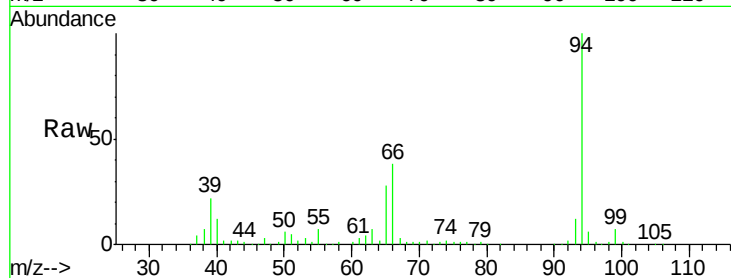
Tgt Ion: 94 Resp: 600856

Ion Ratio Lower Upper

94 100

65 28.2 21.1 61.1

66 37.8 43.1 83.1#



#11

bis(2-Chloroethyl)ether

Concen: 36.41 ng

RT: 6.35 min Scan# 382

Delta R.T. -0.06 min

Lab File: BF083250.D

Acq: 24 Nov 2015 21:40

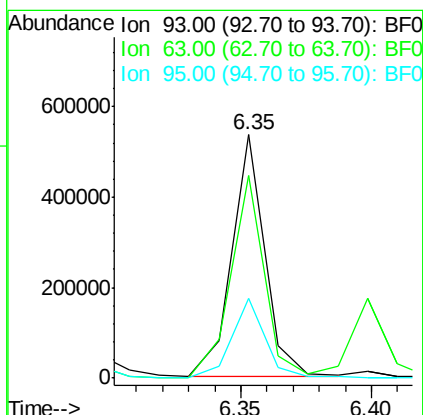
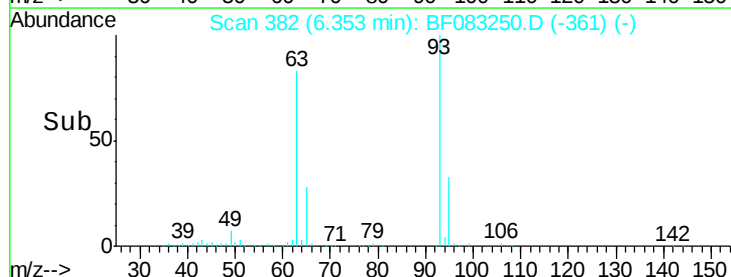
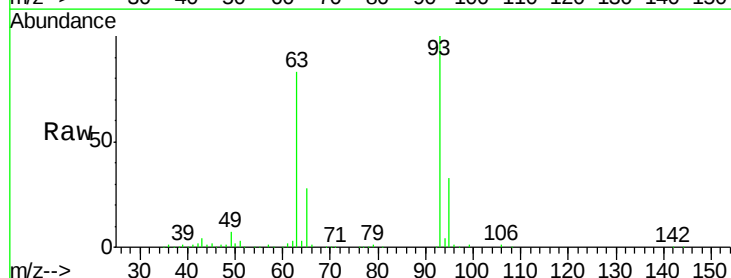
Tgt Ion: 93 Resp: 473622

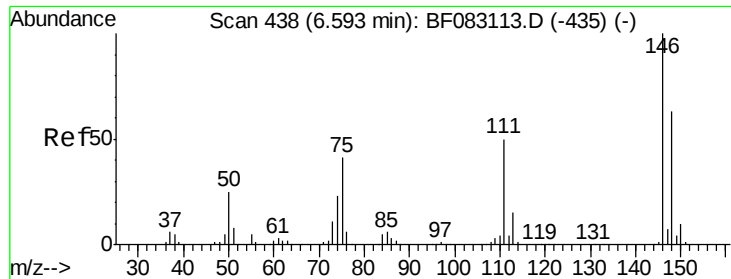
Ion Ratio Lower Upper

93 100

63 83.2 59.8 99.8

95 32.6 13.0 53.0

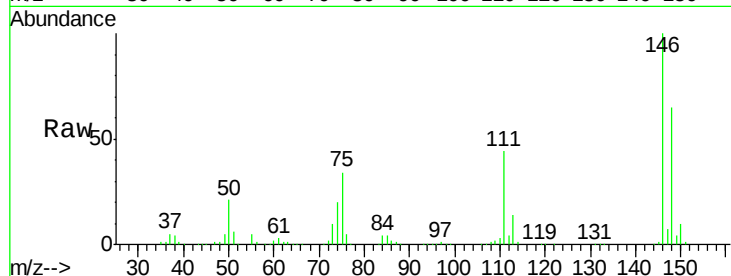




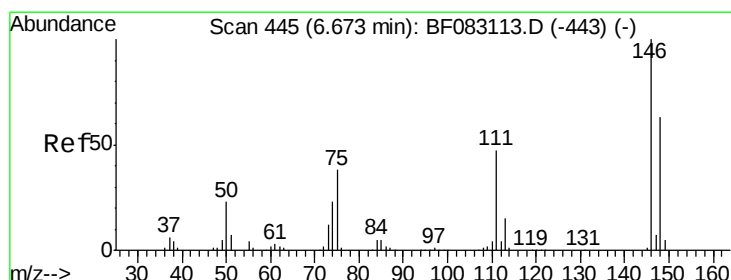
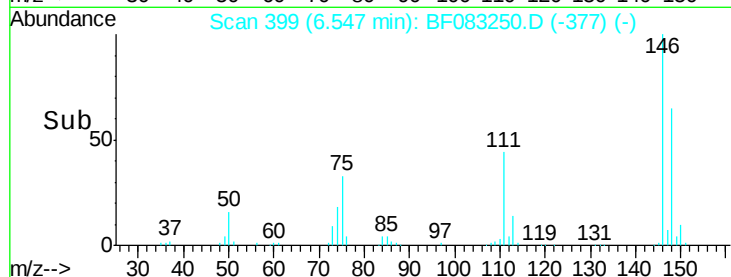
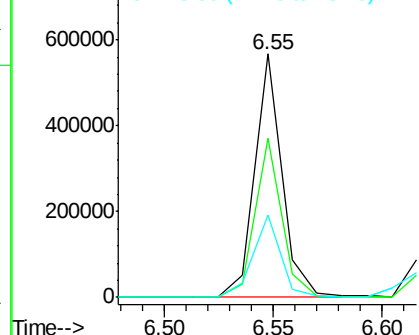
#12
 1,3-Dichlorobenzene
 Concen: 34.29 ng
 RT: 6.55 min Scan# 399
 Delta R.T. -0.05 min
 Lab File: BF083250.D
 Acq: 24 Nov 2015 21:40

Instrument :
 BNA_F
 ClientSampleId :
 PB86773BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.2	75.2
75	33.6	32.7	49.1

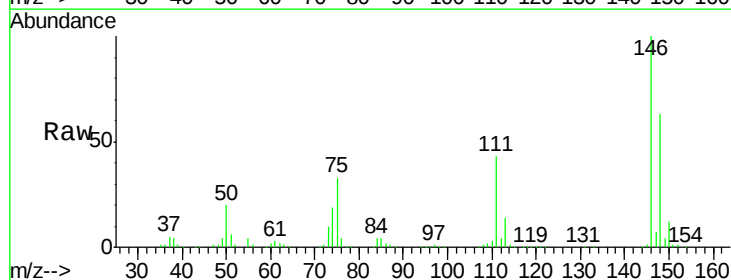


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

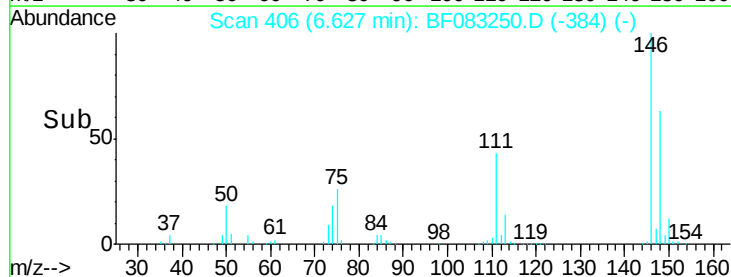
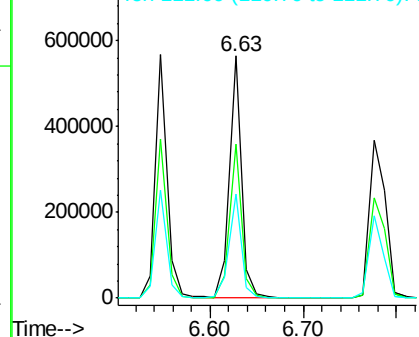


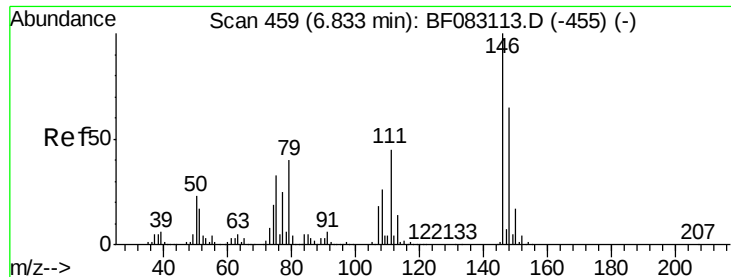
#13
 1,4-Dichlorobenzene
 Concen: 34.95 ng
 RT: 6.63 min Scan# 406
 Delta R.T. -0.05 min
 Lab File: BF083250.D
 Acq: 24 Nov 2015 21:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.2	75.2
111	42.7	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: 33.62 ng

RT: 6.78 min Scan# 419

Delta R.T. -0.06 min

Lab File: BF083250.D

Acq: 24 Nov 2015 21:40

Instrument :

BNA_F

ClientSampleId :

PB86773BS

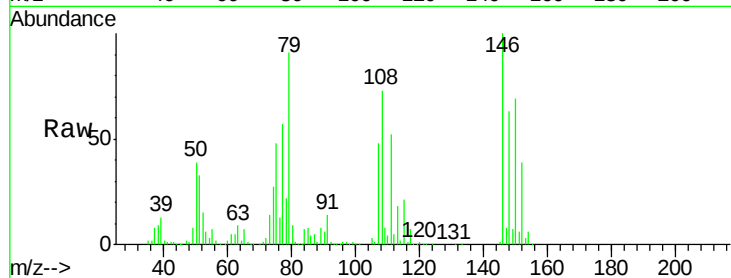
Tgt Ion:146 Resp: 443844

Ion Ratio Lower Upper

146 100

148 63.4 51.8 77.6

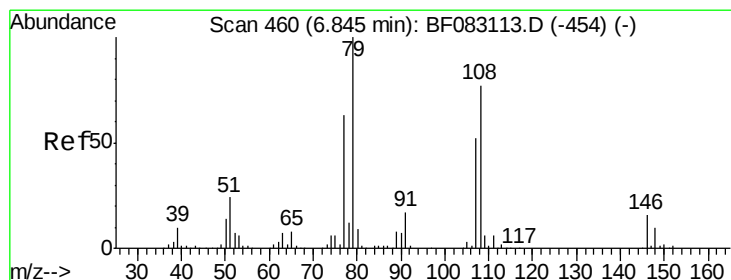
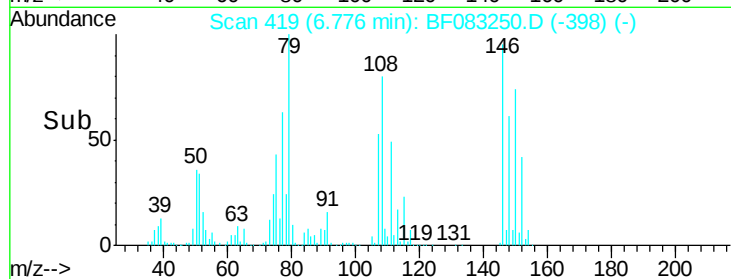
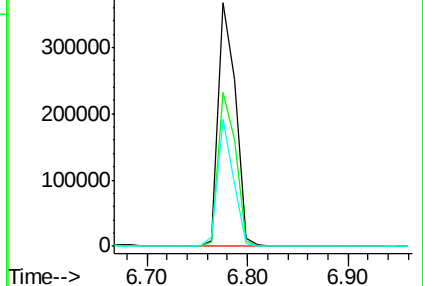
111 52.3 36.2 54.4



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: 35.47 ng

RT: 6.78 min Scan# 419

Delta R.T. -0.07 min

Lab File: BF083250.D

Acq: 24 Nov 2015 21:40

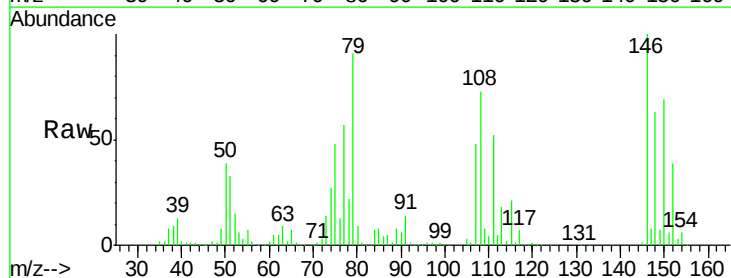
Tgt Ion: 79 Resp: 446375

Ion Ratio Lower Upper

79 100

108 80.0 61.4 92.2

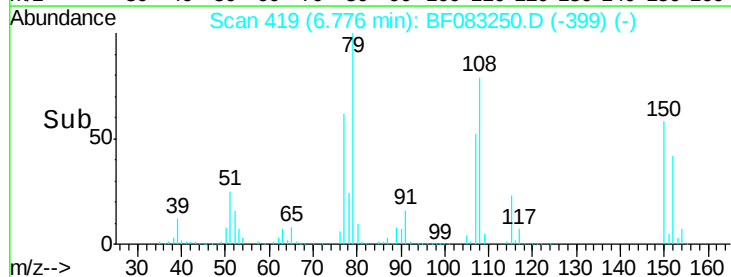
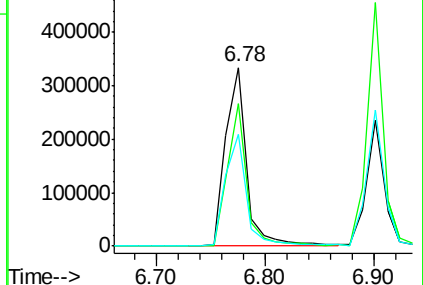
77 62.9 50.5 75.7

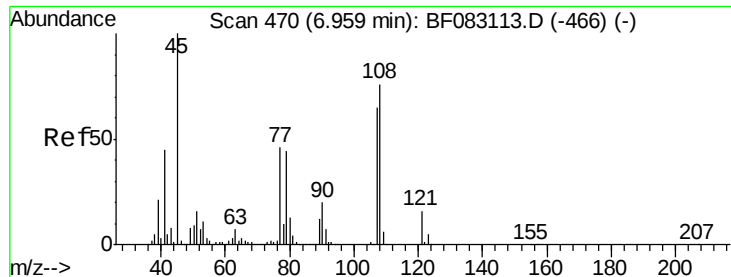


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

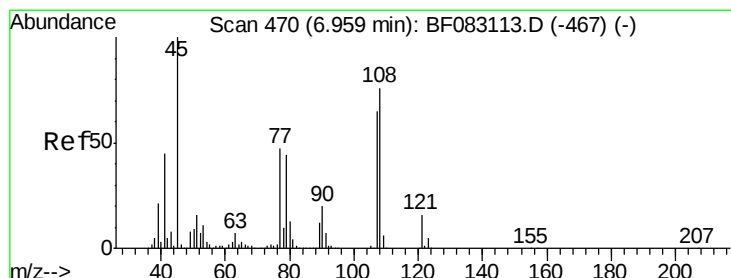
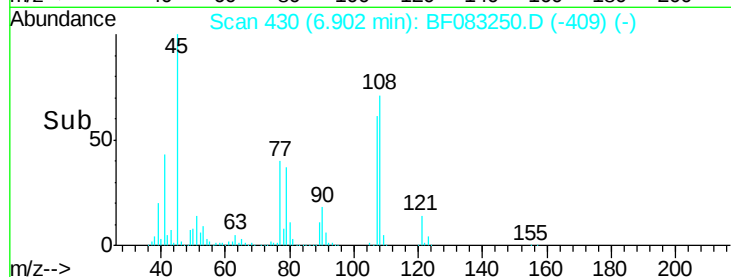
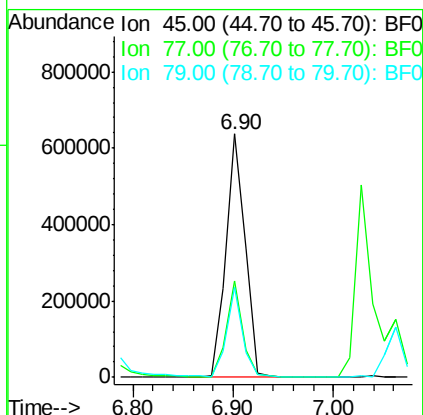
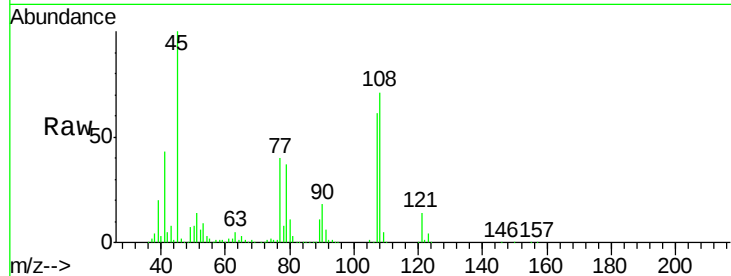




#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.68 ng
RT: 6.90 min Scan# 430
Delta R.T. -0.06 min
Lab File: BF083250.D
Acq: 24 Nov 2015 21:40

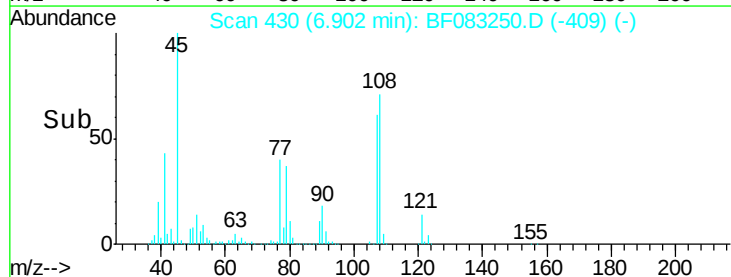
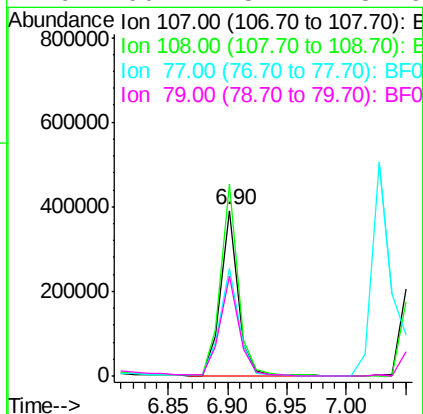
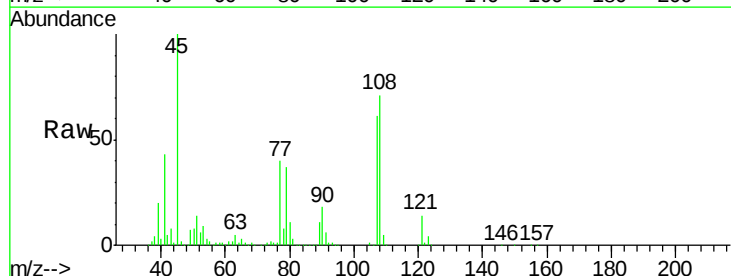
Instrument :
BNA_F
ClientSampleId :
PB86773BS

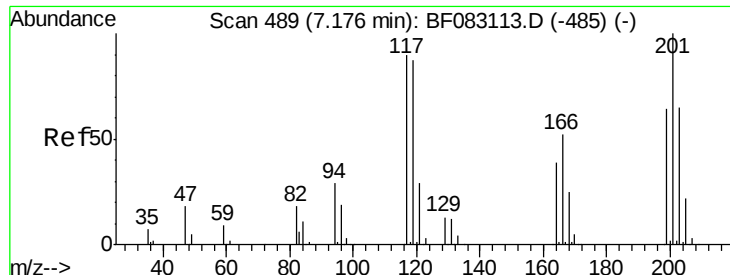
Tgt Ion: 45 Resp: 845409
Ion Ratio Lower Upper
45 100
77 39.8 26.7 66.7
79 36.8 24.3 64.3



#17
2-Methylphenol
Concen: 37.92 ng
RT: 6.90 min Scan# 430
Delta R.T. -0.06 min
Lab File: BF083250.D
Acq: 24 Nov 2015 21:40

Tgt Ion: 107 Resp: 394513
Ion Ratio Lower Upper
107 100
108 116.7 93.8 140.6
77 64.9 57.4 86.0
79 60.2 54.4 81.6

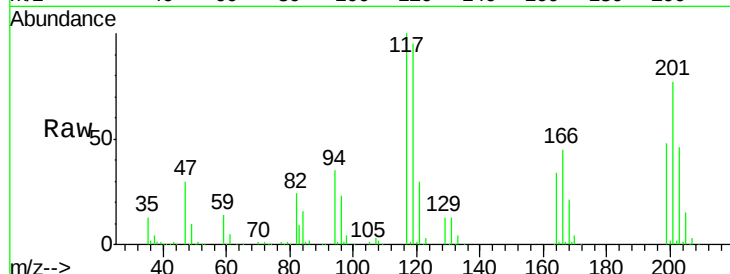




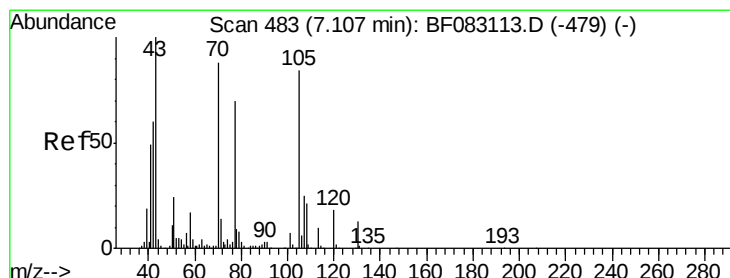
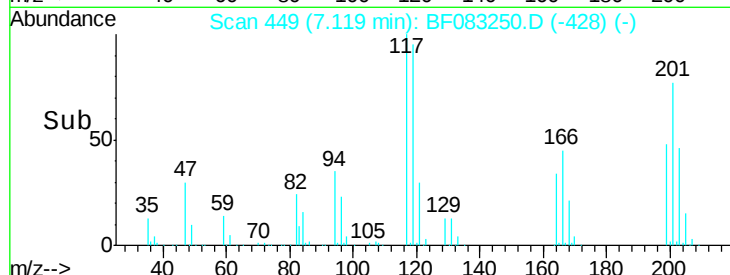
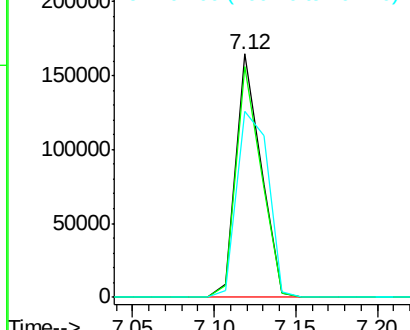
#18
Hexachloroethane
Concen: 33.99 ng
RT: 7.12 min Scan# 449
Delta R.T. -0.06 min
Lab File: BF083250.D
Acq: 24 Nov 2015 21:40

Instrument :
BNA_F
ClientSampleId :
PB86773BS

Tgt Ion: 117 Resp: 173866
Ion Ratio Lower Upper
117 100
119 94.9 76.8 115.2
201 76.6 88.6 133.0#



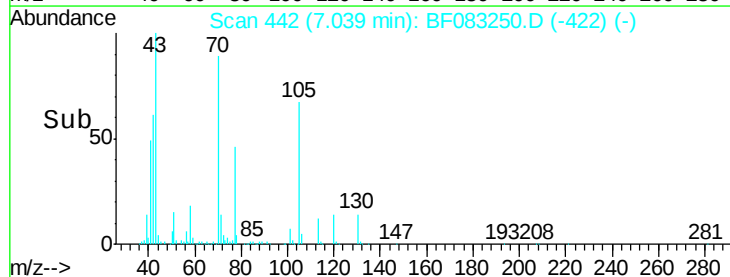
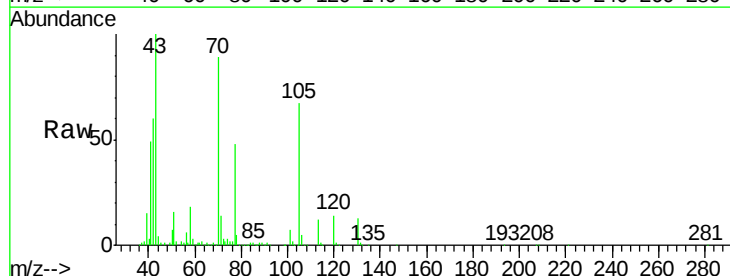
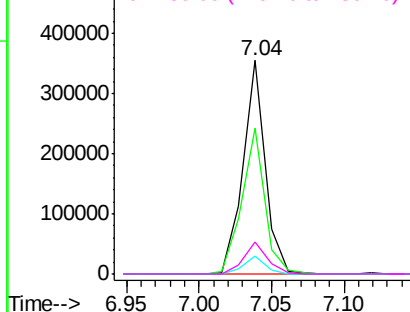
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

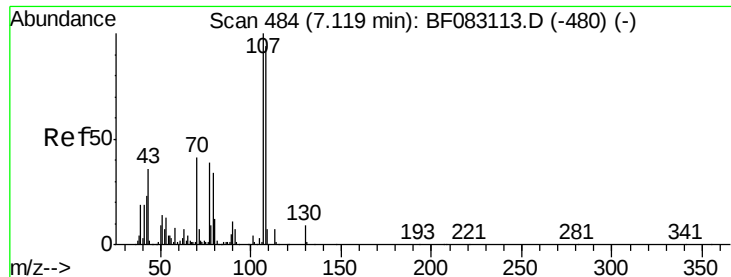


#19
n-Nitroso-di-n-propylamine
Concen: 36.10 ng
RT: 7.04 min Scan# 442
Delta R.T. -0.07 min
Lab File: BF083250.D
Acq: 24 Nov 2015 21:40

Tgt Ion: 70 Resp: 378314
Ion Ratio Lower Upper
70 100
42 68.2 54.5 81.7
101 8.2 6.6 9.8
130 15.2 11.5 17.3

Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

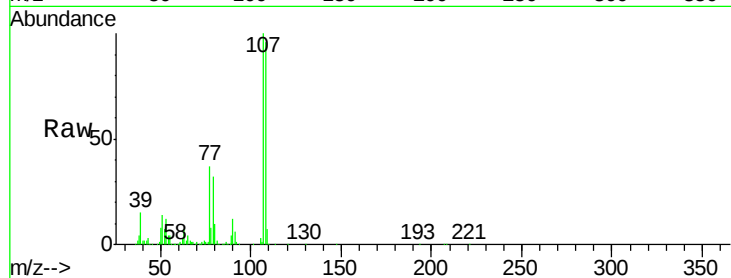




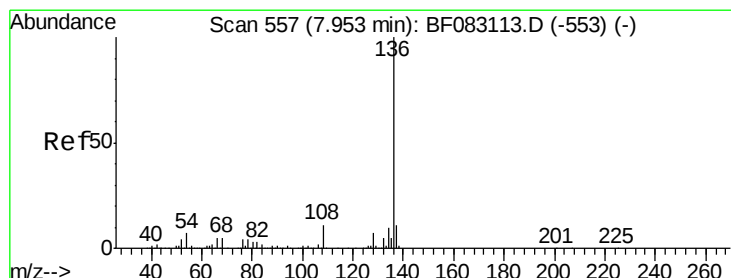
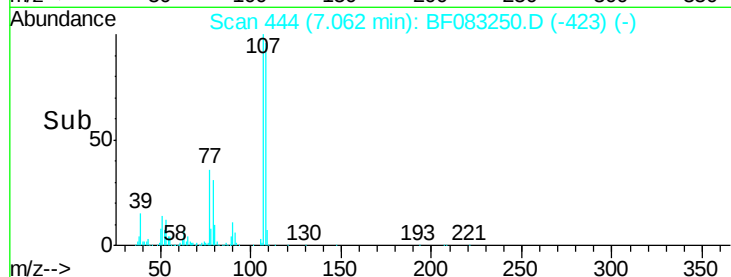
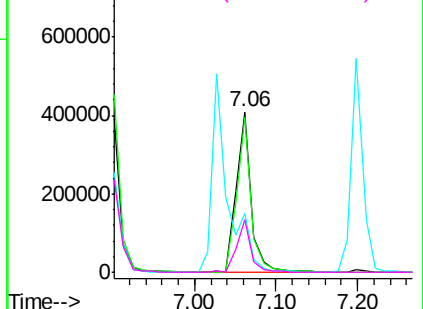
#20
3+4-Methylphenols
Concen: 39.05 ng
RT: 7.06 min Scan# 444
Delta R.T. -0.06 min
Lab File: BF083250.D
Acq: 24 Nov 2015 21:40

Instrument :
BNA_F
ClientSampleId :
PB86773BS

Tgt Ion:	107	Resp:	513629
Ion	Ratio	Lower	Upper
107	100		
108	96.1	73.8	113.8
77	37.0	19.1	59.1
79	32.4	13.7	53.7

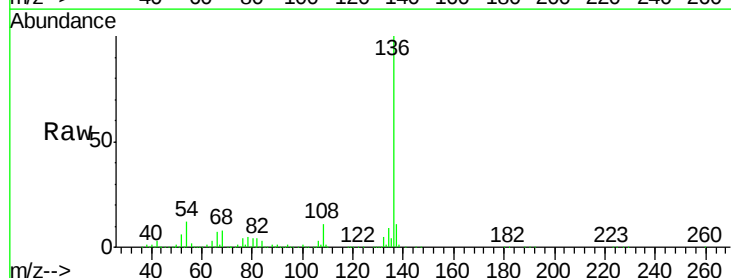


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

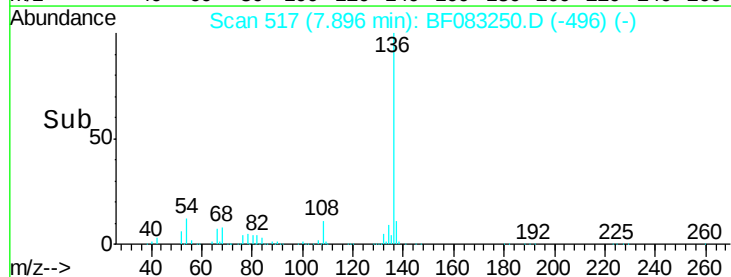
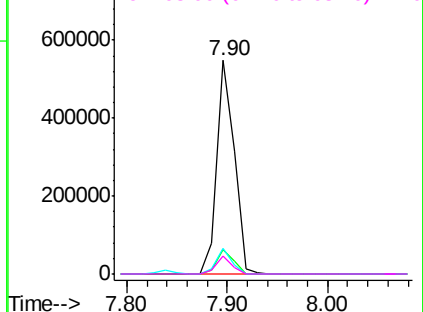


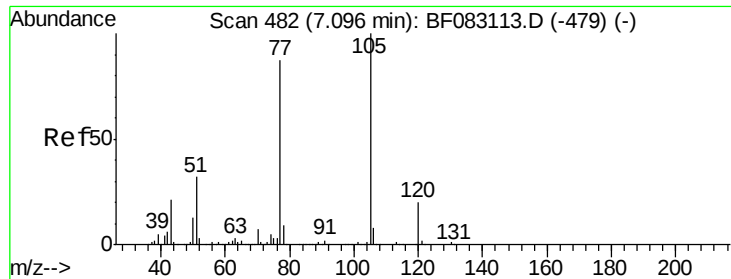
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 517
Delta R.T. -0.06 min
Lab File: BF083250.D
Acq: 24 Nov 2015 21:40

Tgt Ion:	136	Resp:	657723
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	12.0	5.8	8.6#
68	8.2	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: 34.30 ng

RT: 7.03 min Scan# 441

Delta R.T. -0.07 min

Lab File: BF083250.D

Acq: 24 Nov 2015 21:40

Instrument :

BNA_F

ClientSampleId :

PB86773BS

Tgt Ion: 105 Resp: 647640

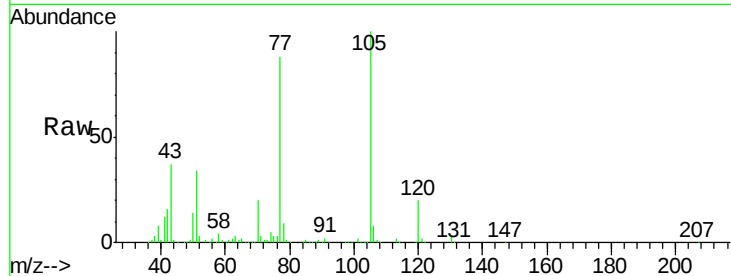
Ion Ratio Lower Upper

105 100

71 3.4 1.0 1.4#

51 34.3 25.6 38.4

120 20.2 15.8 23.6

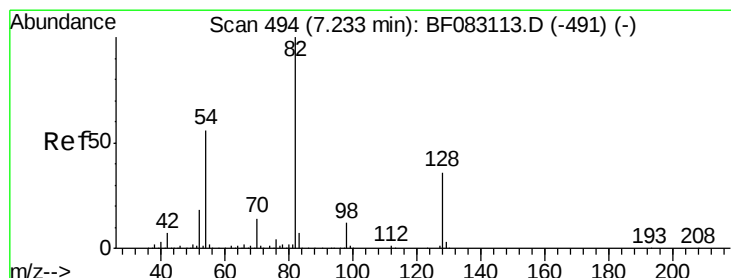
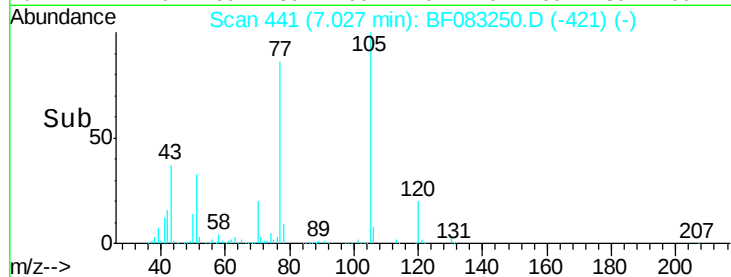
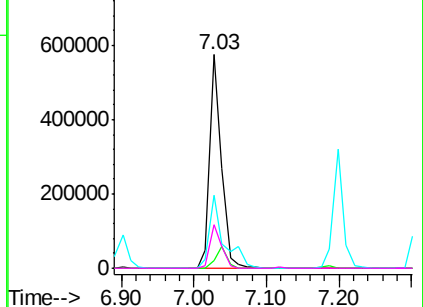


Abundance Ion 105.00 (104.70 to 105.70): E

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: 75.61 ng

RT: 7.19 min Scan# 455

Delta R.T. -0.05 min

Lab File: BF083250.D

Acq: 24 Nov 2015 21:40

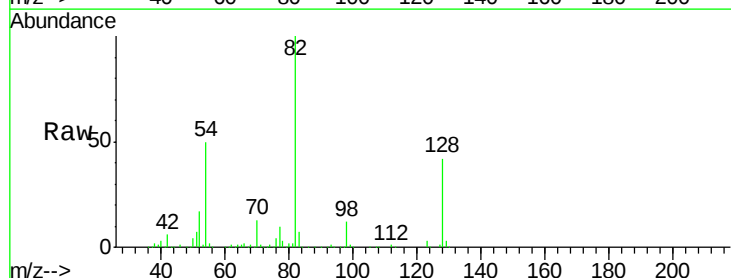
Tgt Ion: 82 Resp: 1088323

Ion Ratio Lower Upper

82 100

128 42.3 28.5 42.7

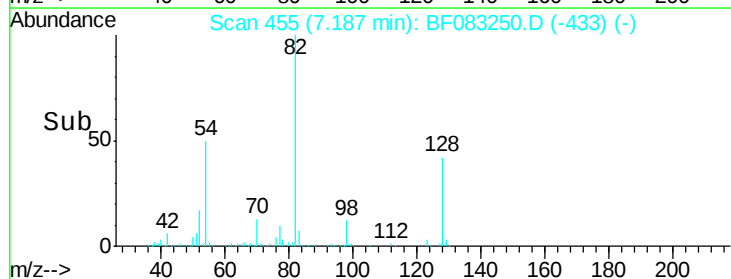
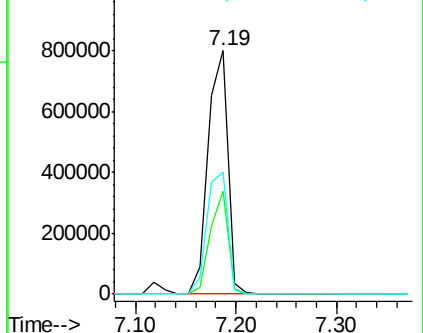
54 50.2 44.6 67.0

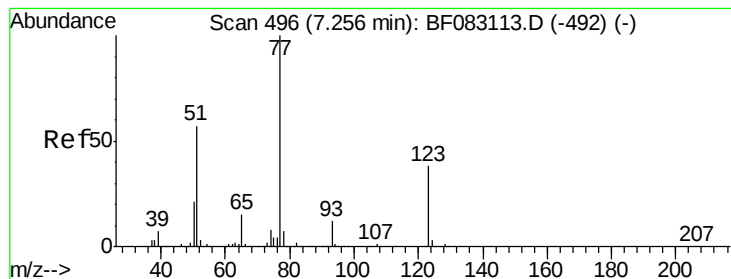


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 34.63 ng

RT: 7.20 min Scan# 456

Delta R.T. -0.06 min

Lab File: BF083250.D

Acq: 24 Nov 2015 21:40

Instrument :

BNA_F

ClientSampleId :

PB86773BS

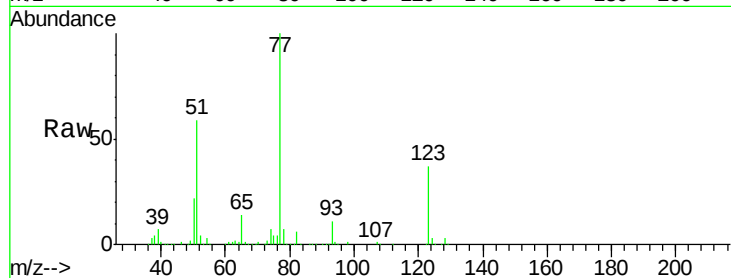
Tgt Ion: 77 Resp: 532659

Ion Ratio Lower Upper

77 100

123 36.6 30.1 45.1

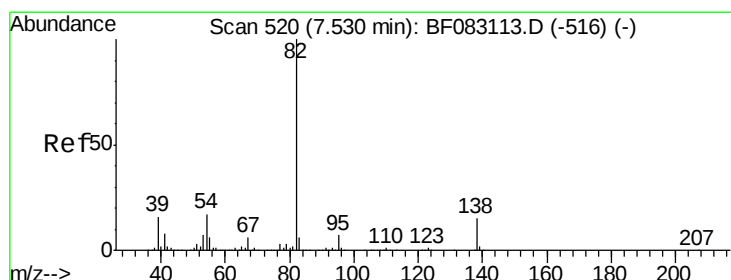
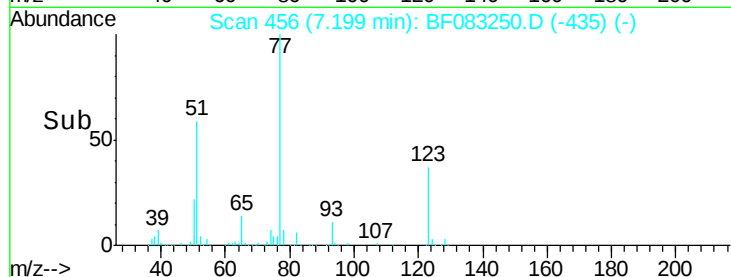
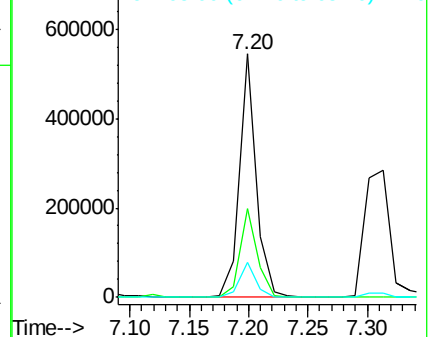
65 14.4 11.6 17.4



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 35.60 ng

RT: 7.45 min Scan# 478

Delta R.T. -0.08 min

Lab File: BF083250.D

Acq: 24 Nov 2015 21:40

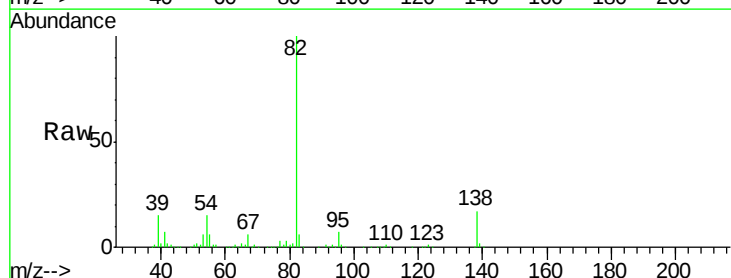
Tgt Ion: 82 Resp: 970196

Ion Ratio Lower Upper

82 100

95 6.7 5.8 8.8

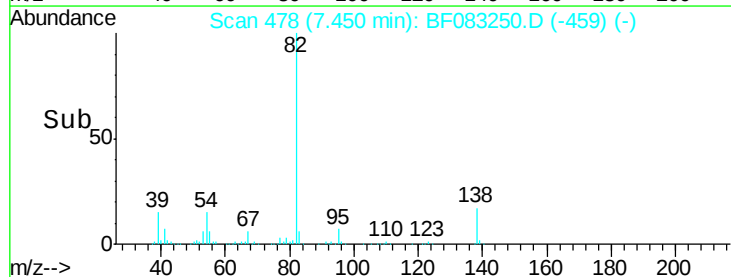
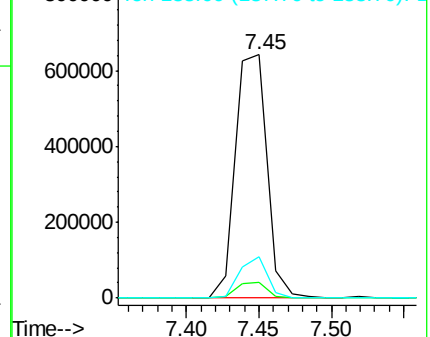
138 16.7 11.6 17.4

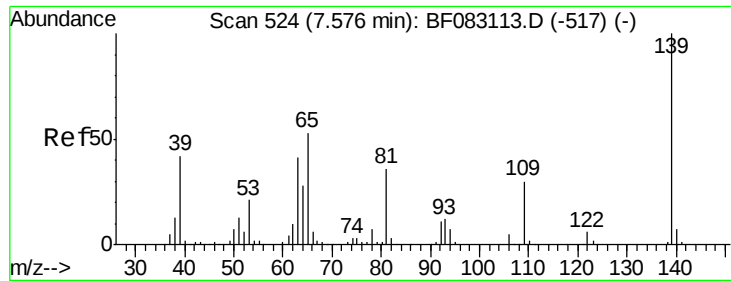


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

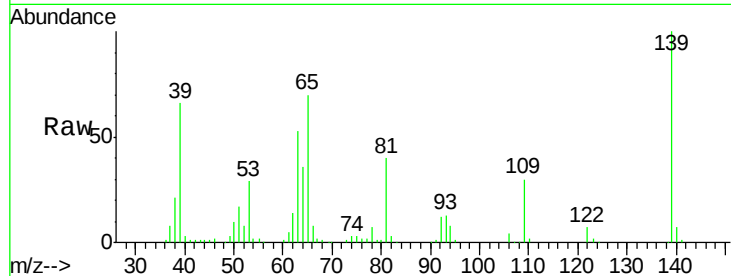




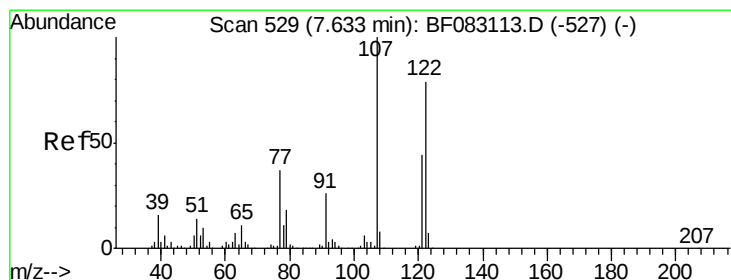
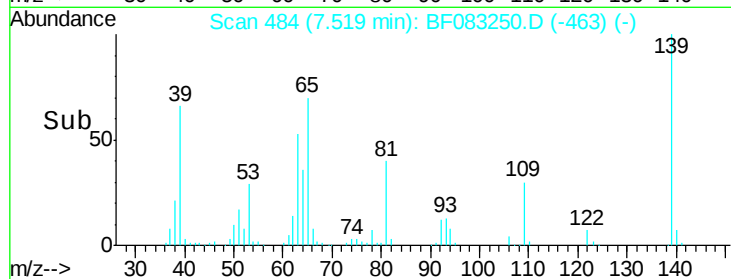
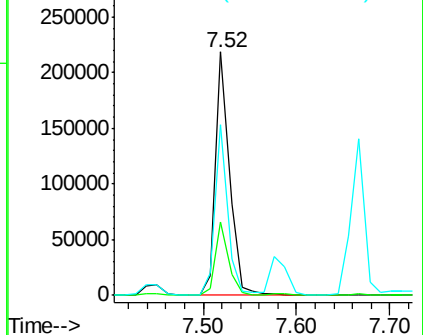
#26
2-Nitrophenol
Concen: 33.74 ng
RT: 7.52 min Scan# 484
Delta R.T. -0.06 min
Lab File: BF083250.D
Acq: 24 Nov 2015 21:40

Instrument :
BNA_F
ClientSampleId :
PB86773BS

Tgt Ion:139 Resp: 229064
Ion Ratio Lower Upper
139 100
109 29.9 23.9 35.9
65 69.9 42.7 64.1#

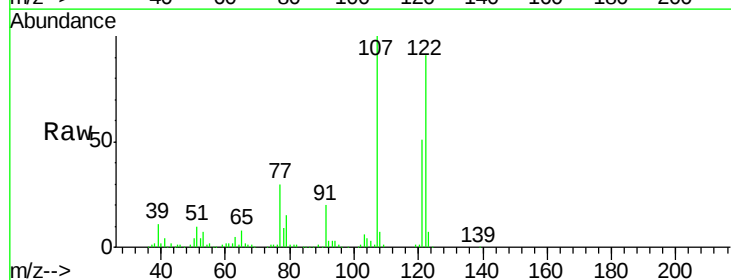


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

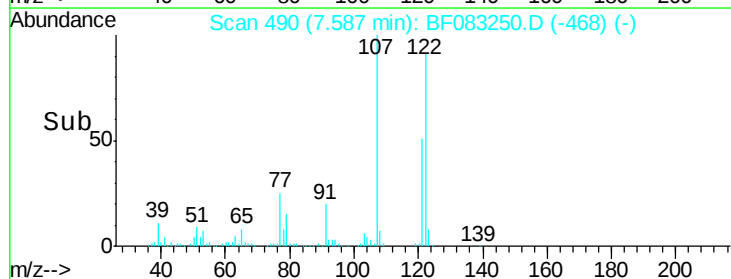
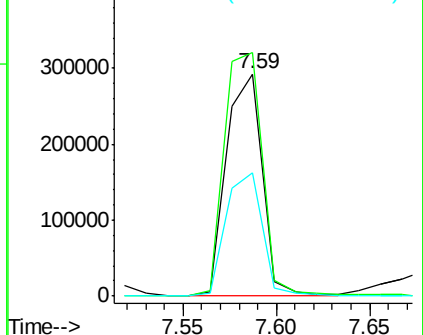


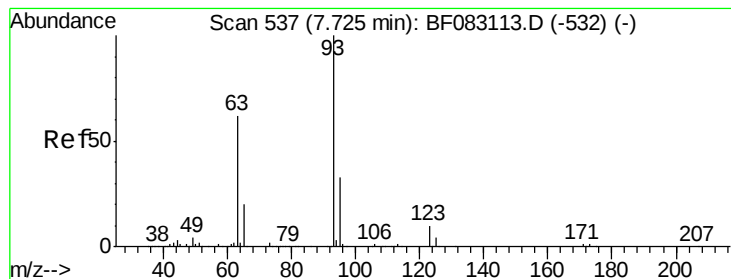
#27
2,4-Dimethylphenol
Concen: 36.70 ng
RT: 7.59 min Scan# 490
Delta R.T. -0.05 min
Lab File: BF083250.D
Acq: 24 Nov 2015 21:40

Tgt Ion:122 Resp: 397738
Ion Ratio Lower Upper
122 100
107 109.5 101.1 151.7
121 55.7 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: 38.73 ng

RT: 7.67 min Scan# 497

Delta R.T. -0.06 min

Lab File: BF083250.D

Acq: 24 Nov 2015 21:40

Instrument :

BNA_F

ClientSampleId :

PB86773BS

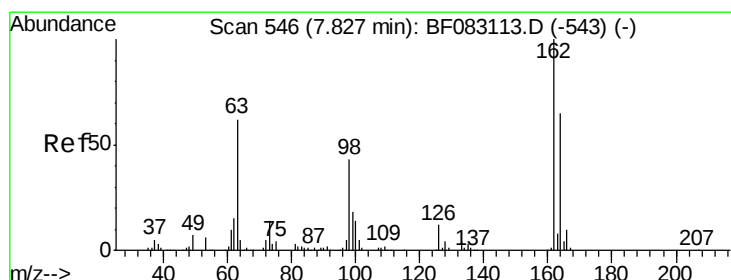
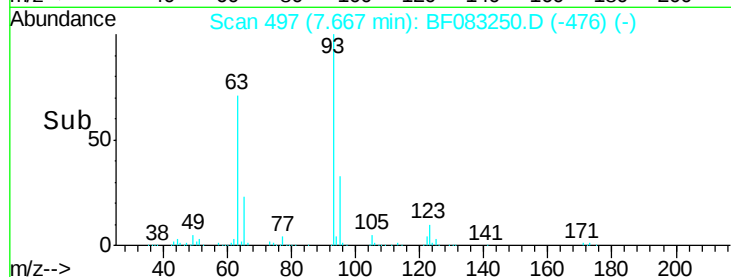
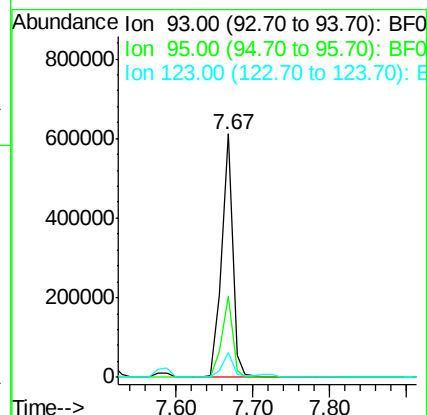
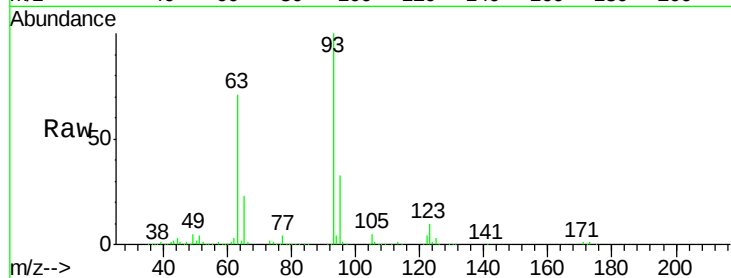
Tgt Ion: 93 Resp: 613767

Ion Ratio Lower Upper

93 100

95 33.3 26.5 39.7

123 9.9 8.1 12.1



#29

2,4-Dichlorophenol

Concen: 36.83 ng

RT: 7.77 min Scan# 506

Delta R.T. -0.06 min

Lab File: BF083250.D

Acq: 24 Nov 2015 21:40

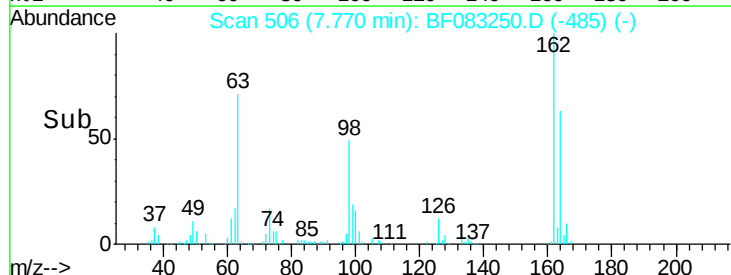
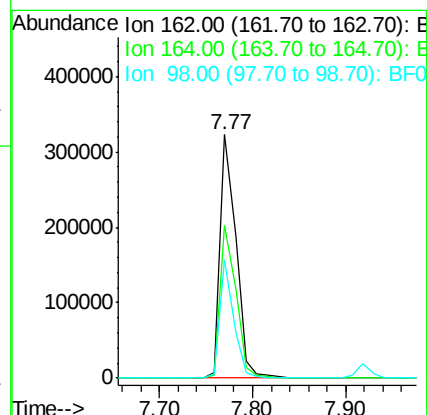
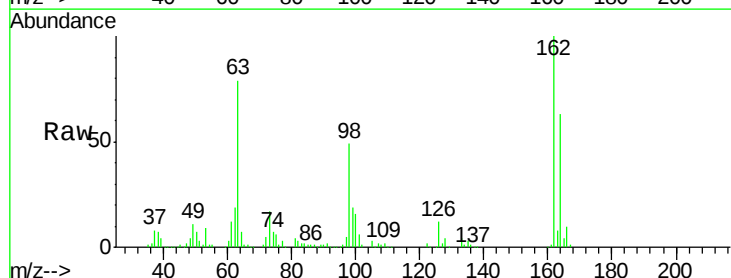
Tgt Ion: 162 Resp: 379584

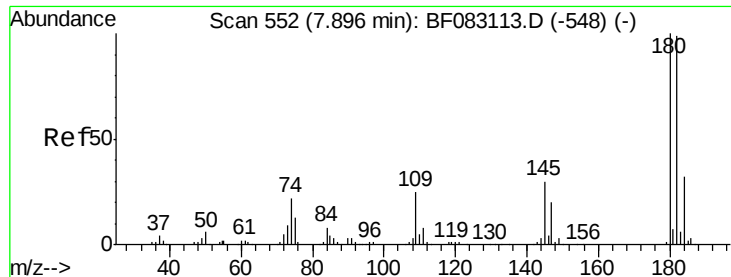
Ion Ratio Lower Upper

162 100

164 62.9 44.8 84.8

98 48.6 23.1 63.1

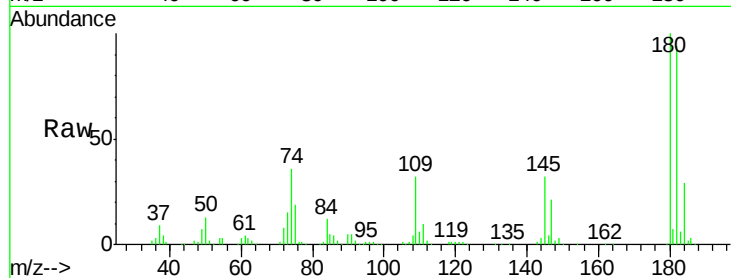




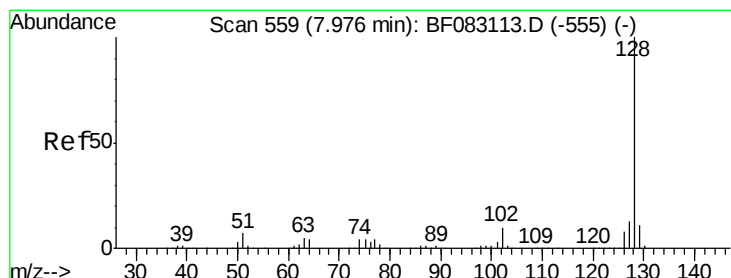
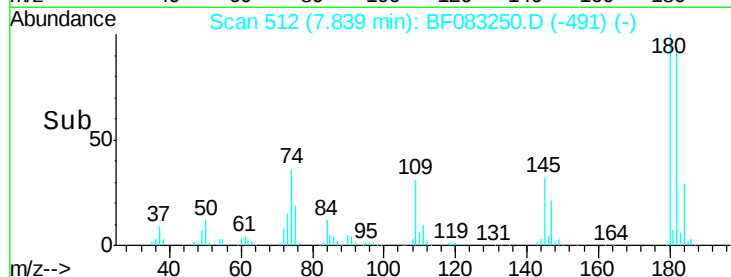
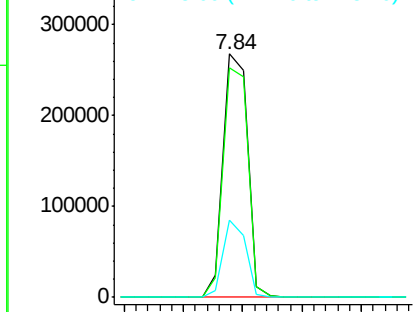
#30
 1,2,4-Trichlorobenzene
 Concen: 33.77 ng
 RT: 7.84 min Scan# 512
 Delta R.T. -0.06 min
 Lab File: BF083250.D
 Acq: 24 Nov 2015 21:40

Instrument :
 BNA_F
 ClientSampleId :
 PB86773BS

Tgt Ion:180 Resp: 382265
 Ion Ratio Lower Upper
 180 100
 182 94.2 79.0 118.6
 145 31.5 24.2 36.2

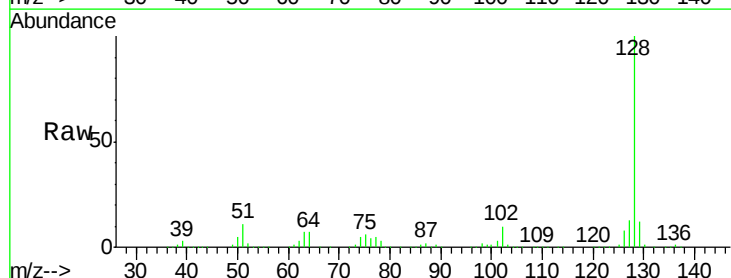


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

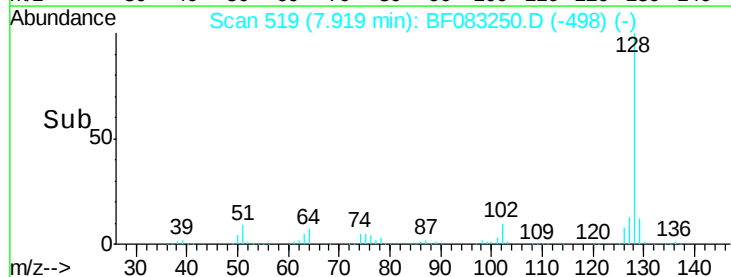
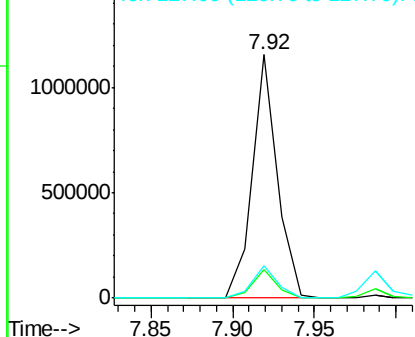


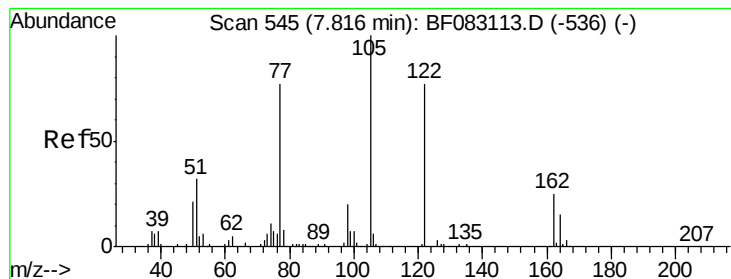
#31
 Naphthalene
 Concen: 34.71 ng
 RT: 7.92 min Scan# 519
 Delta R.T. -0.06 min
 Lab File: BF083250.D
 Acq: 24 Nov 2015 21:40

Tgt Ion:128 Resp: 1232003
 Ion Ratio Lower Upper
 128 100
 129 11.6 9.0 13.4
 127 13.5 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: 32.65 ng

RT: 7.72 min Scan# 502

Delta R.T. -0.09 min

Lab File: BF083250.D

Acq: 24 Nov 2015 21:40

Instrument :

BNA_F

ClientSampleId :

PB86773BS

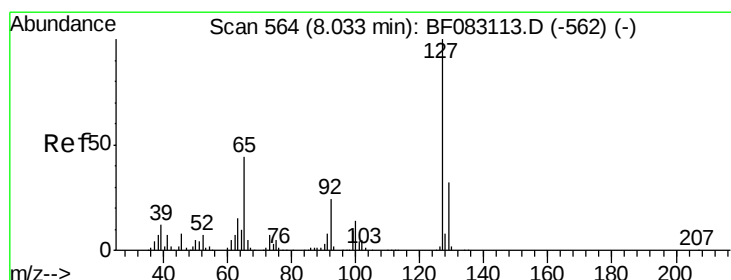
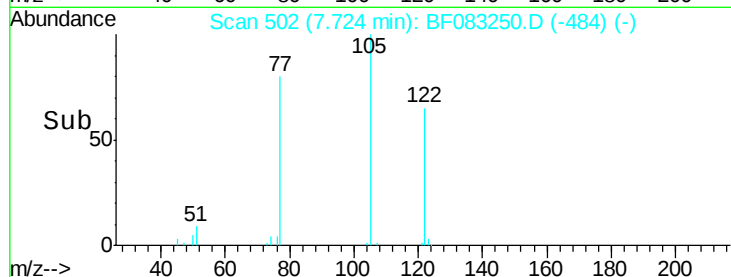
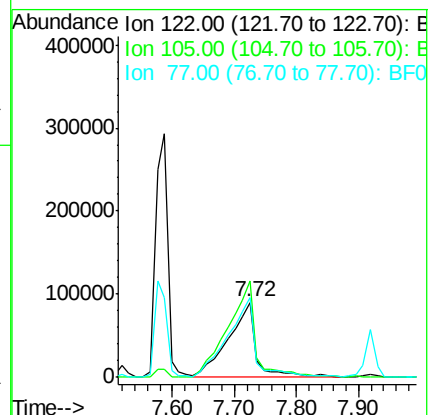
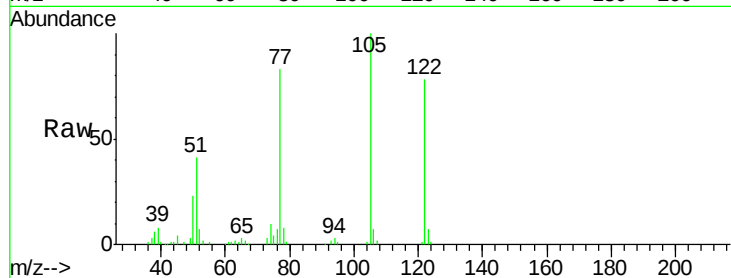
Tgt Ion:122 Resp: 274981

Ion Ratio Lower Upper

122 100

105 128.4 109.7 149.7

77 106.5 79.7 119.7



#33

4-Chloroaniline

Concen: 10.99 ng

RT: 7.99 min Scan# 525

Delta R.T. -0.05 min

Lab File: BF083250.D

Acq: 24 Nov 2015 21:40

Tgt Ion:127 Resp: 151342

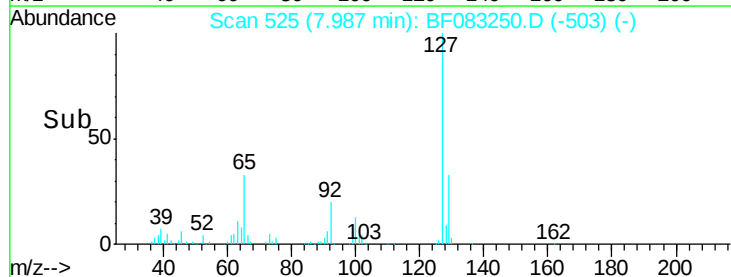
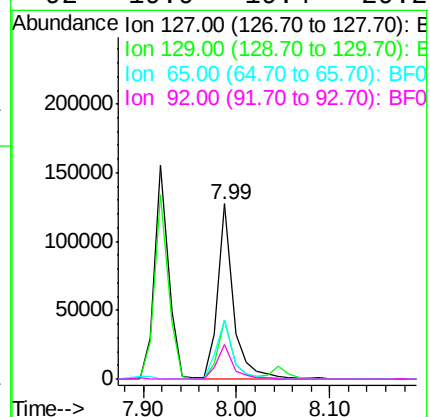
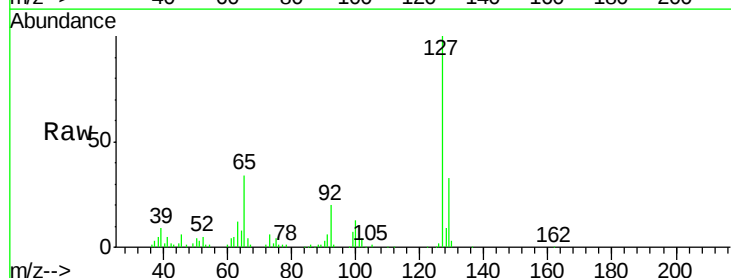
Ion Ratio Lower Upper

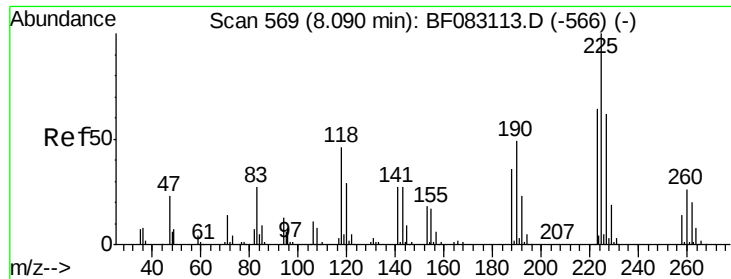
127 100

129 33.4 25.7 38.5

65 33.5 35.5 53.3#

92 19.9 19.4 29.2





#34

Hexachlorobutadiene

Concen: 32.54 ng

RT: 8.04 min Scan# 530

Delta R.T. -0.05 min

Lab File: BF083250.D

Acq: 24 Nov 2015 21:40

Instrument :

BNA_F

ClientSampleId :

PB86773BS

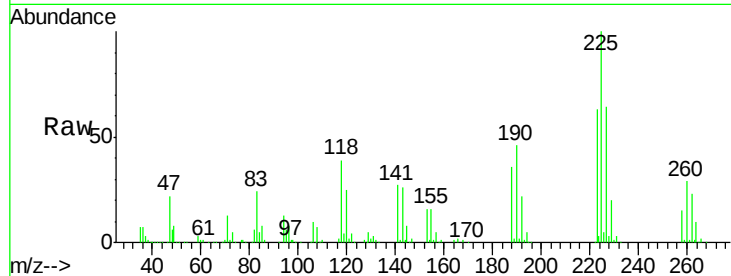
Tgt Ion: 225 Resp: 217680

Ion Ratio Lower Upper

225 100

223 63.3 51.3 76.9

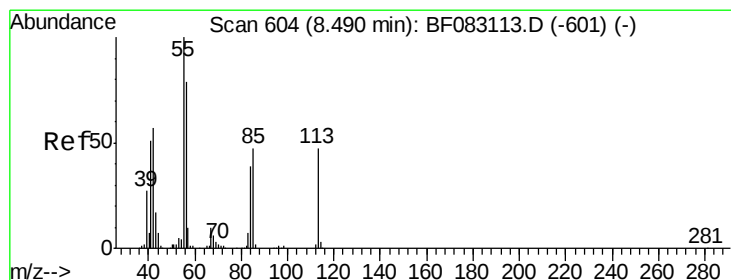
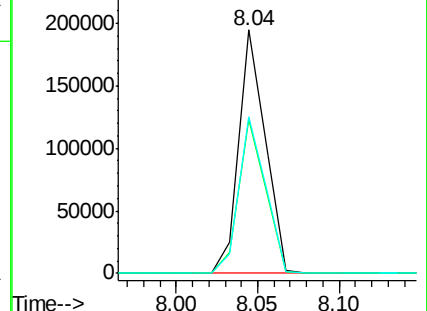
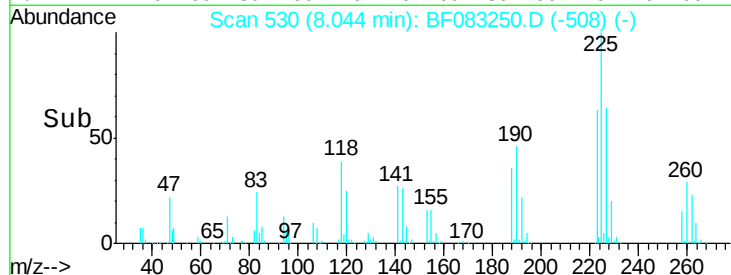
227 64.3 49.8 74.8



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: 24.36 ng

RT: 8.35 min Scan# 557

Delta R.T. -0.14 min

Lab File: BF083250.D

Acq: 24 Nov 2015 21:40

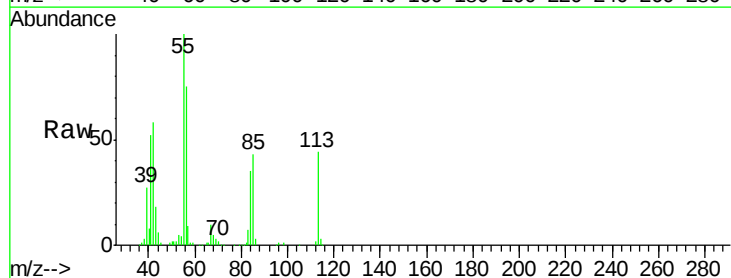
Tgt Ion: 113 Resp: 80467

Ion Ratio Lower Upper

113 100

55 227.3 192.6 232.6

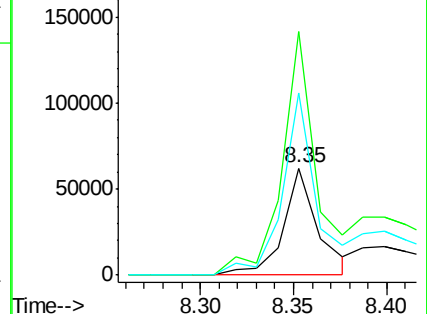
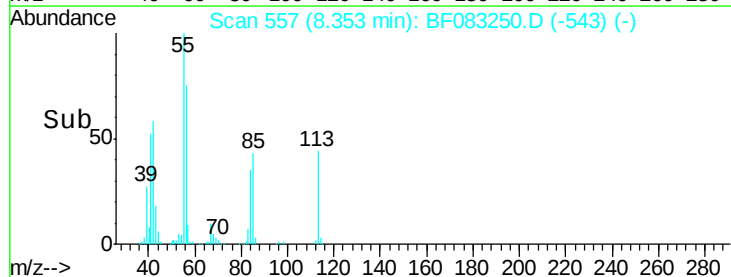
56 170.1 148.6 188.6

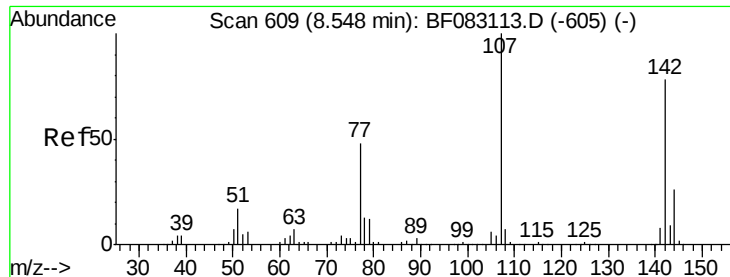


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

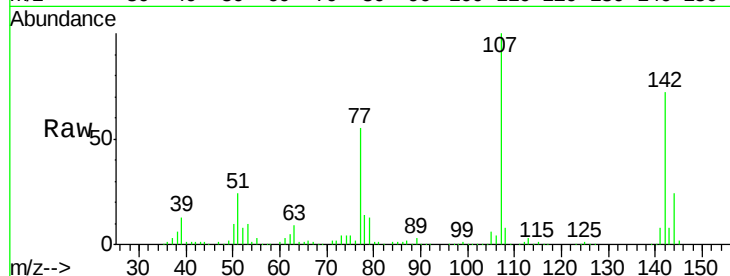




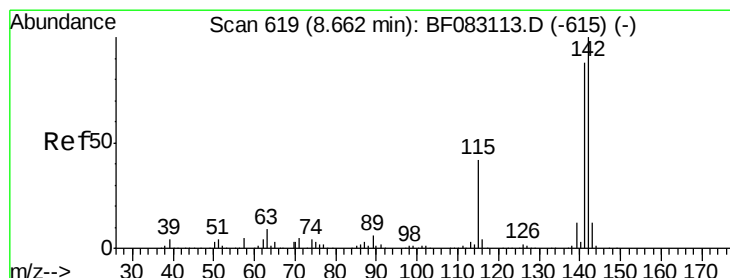
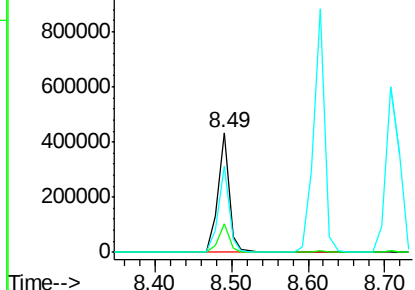
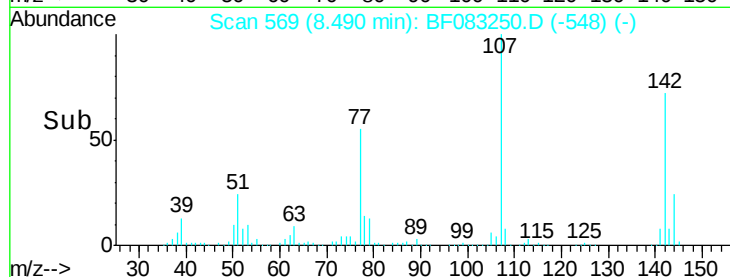
#36
 4-Chloro-3-methylphenol
 Concen: 37.15 ng
 RT: 8.49 min Scan# 569
 Delta R.T. -0.06 min
 Lab File: BF083250.D
 Acq: 24 Nov 2015 21:40

Instrument :
 BNA_F
 ClientSampleID :
 PB86773BS

Tgt Ion:107 Resp: 443473
 Ion Ratio Lower Upper
 107 100
 144 23.7 20.8 31.2
 142 71.9 62.1 93.1

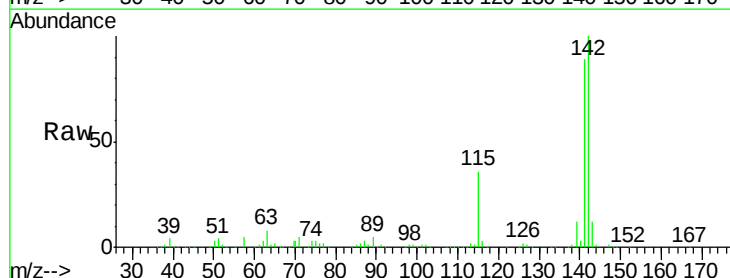


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

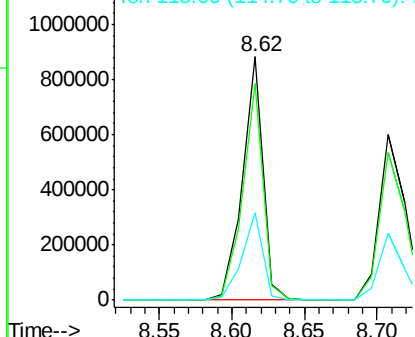
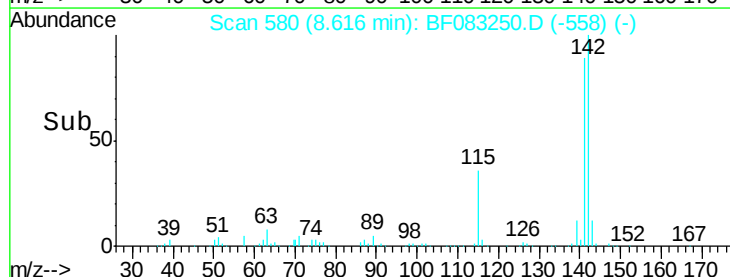


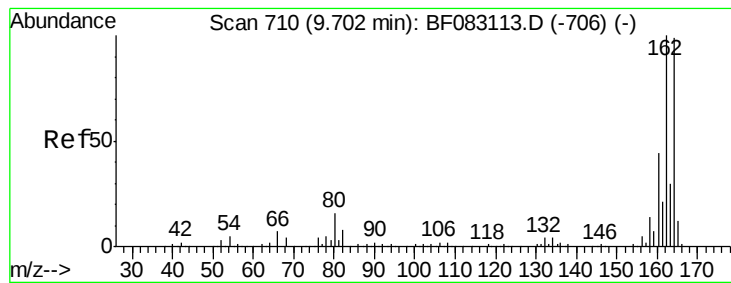
#37
 2-Methylnaphthalene
 Concen: 37.48 ng
 RT: 8.62 min Scan# 580
 Delta R.T. -0.05 min
 Lab File: BF083250.D
 Acq: 24 Nov 2015 21:40

Tgt Ion:142 Resp: 863468
 Ion Ratio Lower Upper
 142 100
 141 89.3 70.3 105.5
 115 36.2 33.4 50.2



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.64 min Scan# 670

Delta R.T. -0.06 min

Lab File: BF083250.D

Acq: 24 Nov 2015 21:40

Instrument :

BNA_F

ClientSampleId :

PB86773BS

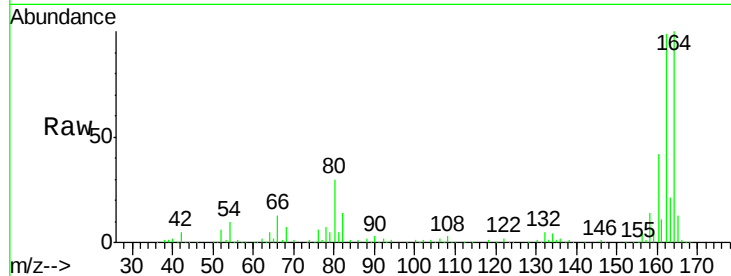
Tgt Ion:164 Resp: 334084

Ion Ratio Lower Upper

164 100

162 99.2 81.2 121.8

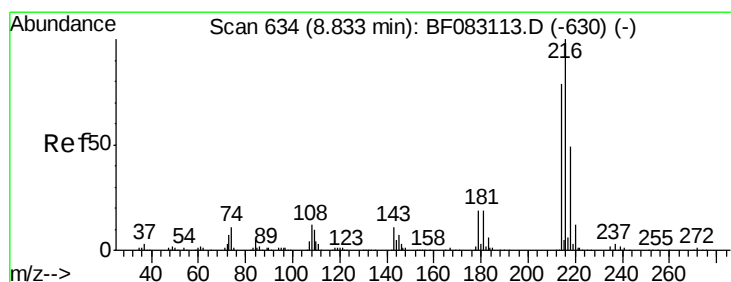
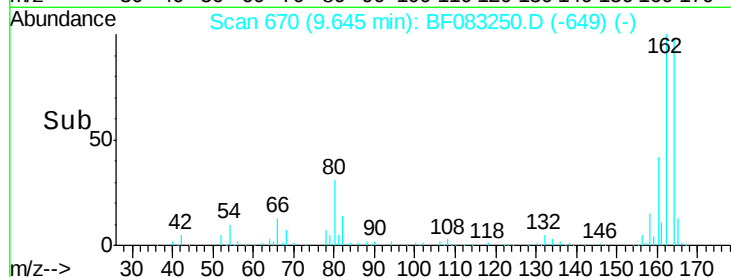
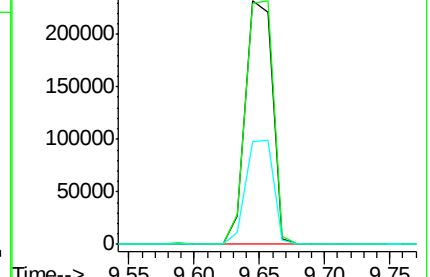
160 42.0 35.6 53.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.87 ng

RT: 8.79 min Scan# 595

Delta R.T. -0.05 min

Lab File: BF083250.D

Acq: 24 Nov 2015 21:40

Tgt Ion:216 Resp: 366761

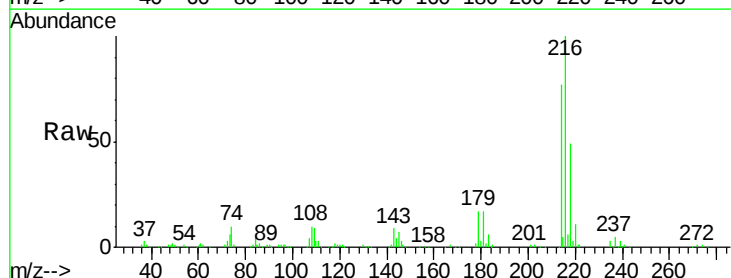
Ion Ratio Lower Upper

216 100

214 79.5 63.8 95.8

179 20.3 17.0 25.6

108 21.4 15.2 22.8

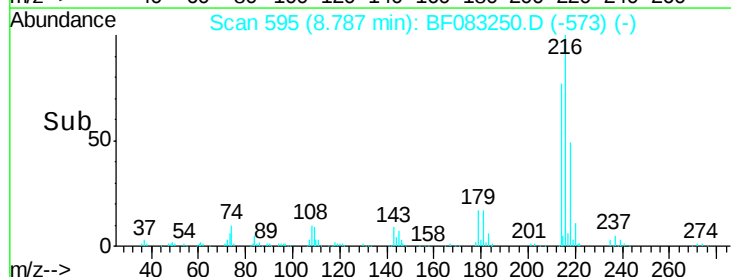
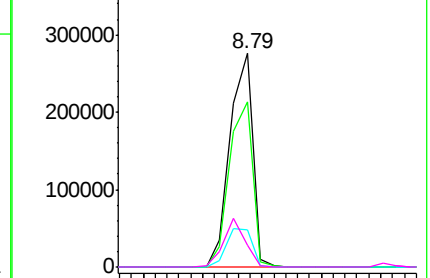


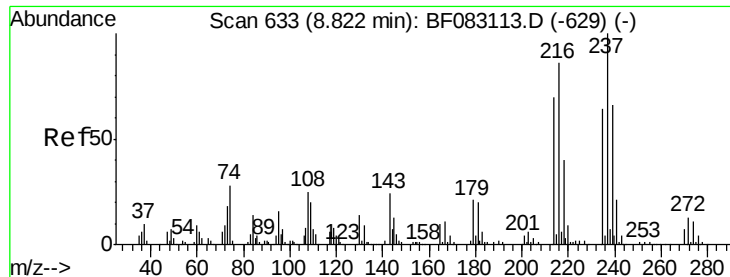
Abundance Ion 216.00 (215.70 to 216.70): E

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

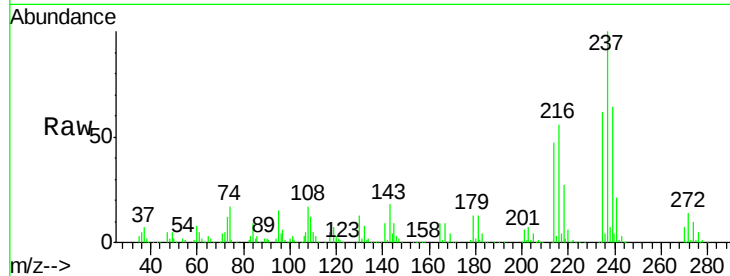




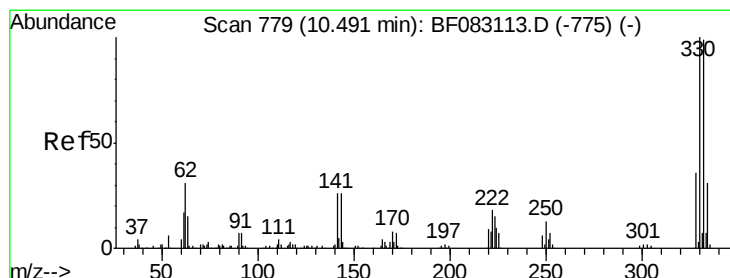
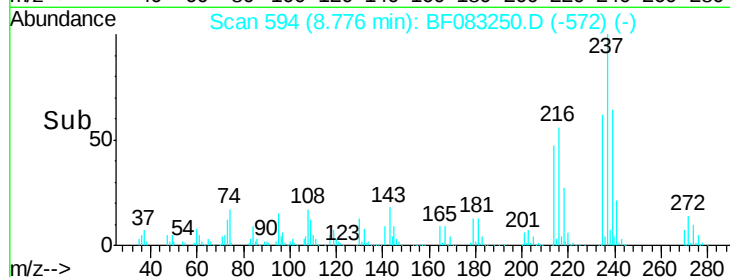
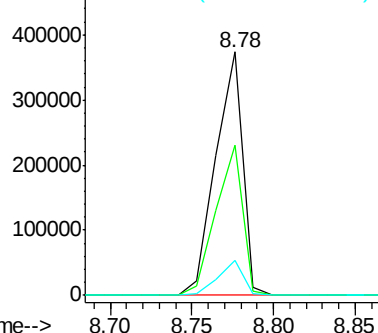
#40
Hexachlorocyclopentadiene
Concen: 69.52 ng
RT: 8.78 min Scan# 594
Delta R.T. -0.05 min
Lab File: BF083250.D
Acq: 24 Nov 2015 21:40

Instrument :
BNA_F
ClientSampleId :
PB86773BS

Tgt Ion: 237 Resp: 428020
Ion Ratio Lower Upper
237 100
235 61.8 43.5 83.5
272 14.5 0.0 33.1

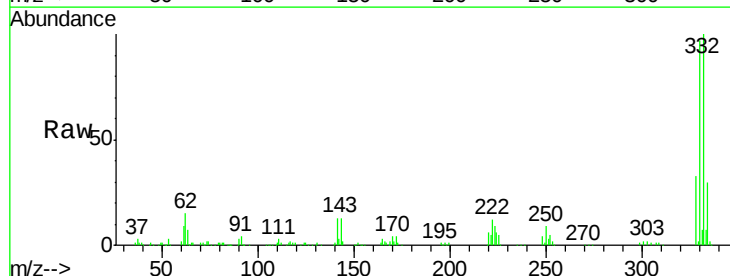


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

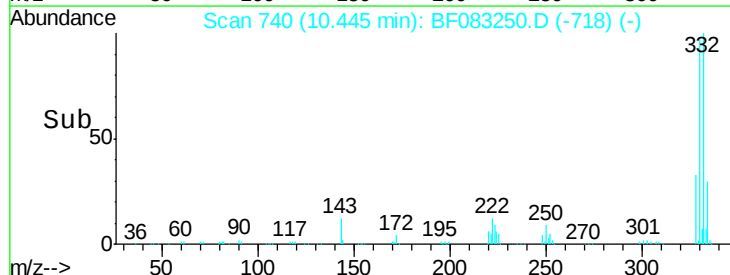
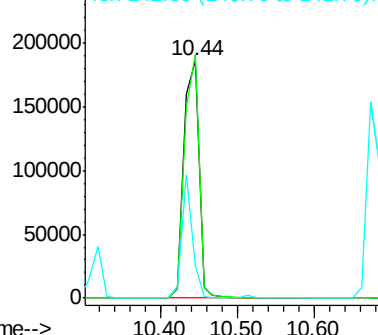


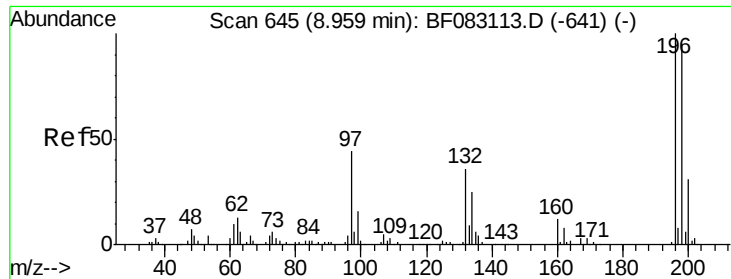
#41
2,4,6-Tribromophenol
Concen: 74.11 ng
RT: 10.44 min Scan# 740
Delta R.T. -0.05 min
Lab File: BF083250.D
Acq: 24 Nov 2015 21:40

Tgt Ion: 330 Resp: 253284
Ion Ratio Lower Upper
330 100
332 98.4 77.7 116.5
141 36.4 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

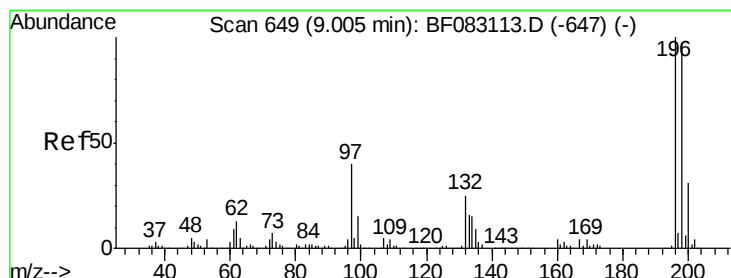
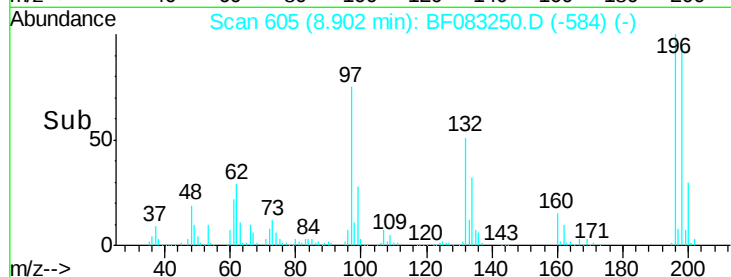
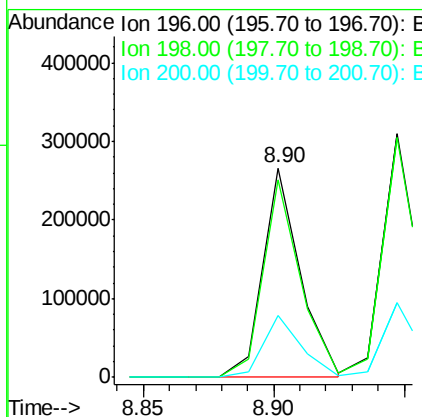
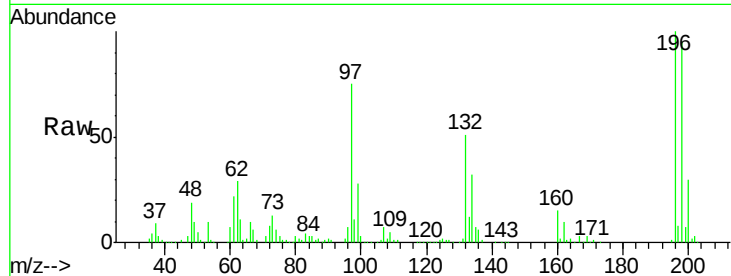




#42
 2,4,6-Trichlorophenol
 Concen: 34.37 ng
 RT: 8.90 min Scan# 605
 Delta R.T. -0.06 min
 Lab File: BF083250.D
 Acq: 24 Nov 2015 21:40

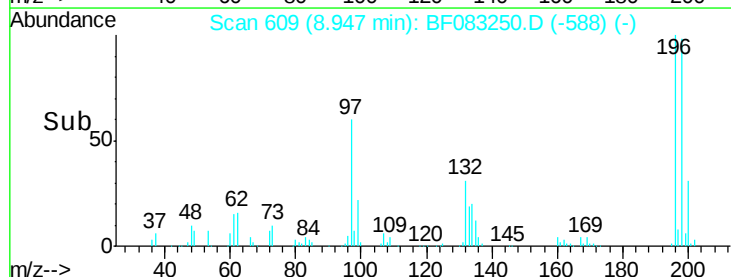
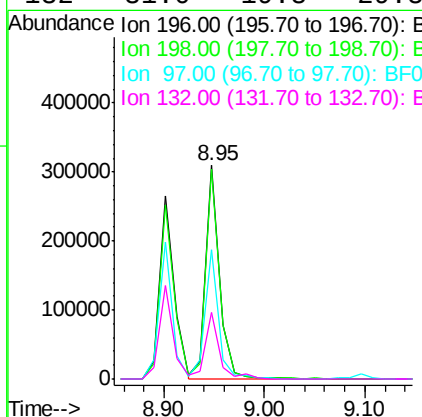
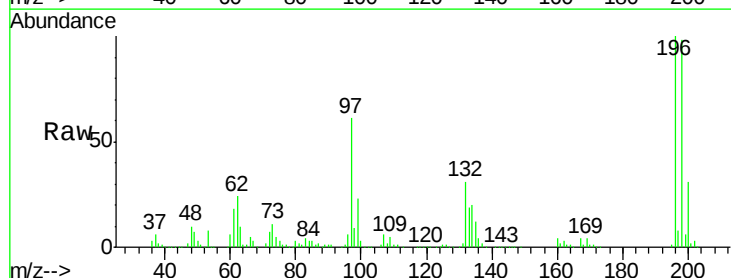
Instrument :
 BNA_F
 ClientSampleId :
 PB86773BS

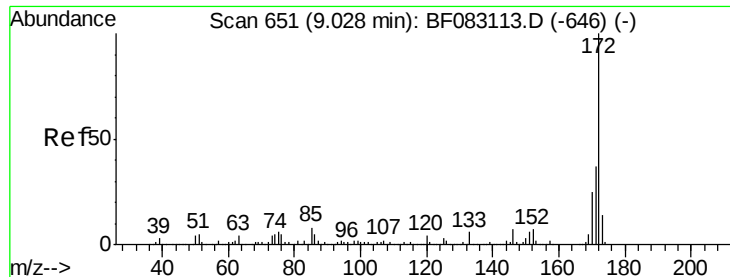
Tgt Ion:196 Resp: 266505
 Ion Ratio Lower Upper
 196 100
 198 94.7 75.9 113.9
 200 29.6 24.5 36.7



#43
 2,4,5-Trichlorophenol
 Concen: 37.30 ng
 RT: 8.95 min Scan# 609
 Delta R.T. -0.06 min
 Lab File: BF083250.D
 Acq: 24 Nov 2015 21:40

Tgt Ion:196 Resp: 295768
 Ion Ratio Lower Upper
 196 100
 198 98.3 77.6 116.4
 97 60.6 32.6 48.8#
 132 31.0 19.8 29.8#

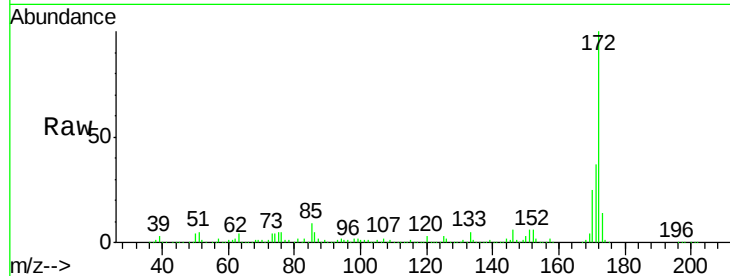




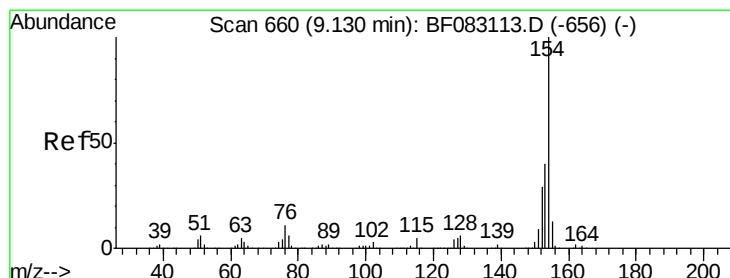
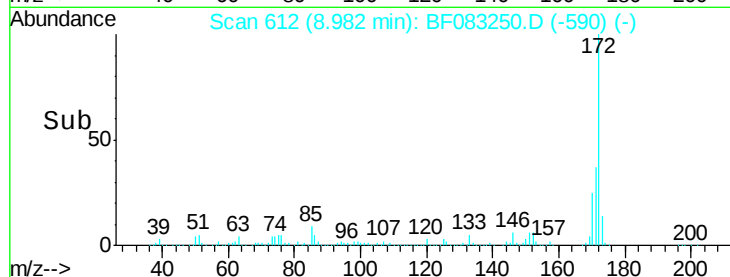
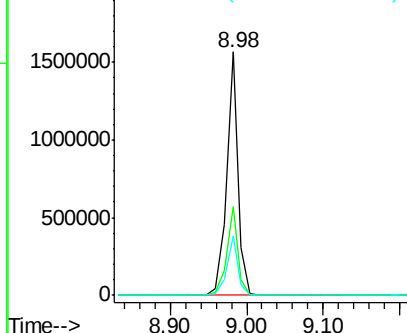
#44
2-Fluorobiphenyl
Concen: 68.61 ng
RT: 8.98 min Scan# 612
Delta R.T. -0.05 min
Lab File: BF083250.D
Acq: 24 Nov 2015 21:40

Instrument :
BNA_F
ClientSampleId :
PB86773BS

Tgt Ion:172 Resp: 1643797
Ion Ratio Lower Upper
172 100
171 36.6 29.5 44.3
170 24.5 19.9 29.9

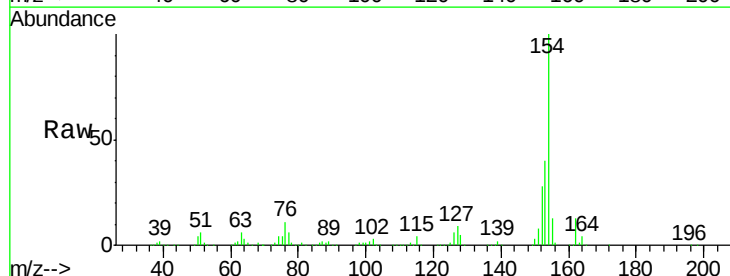


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

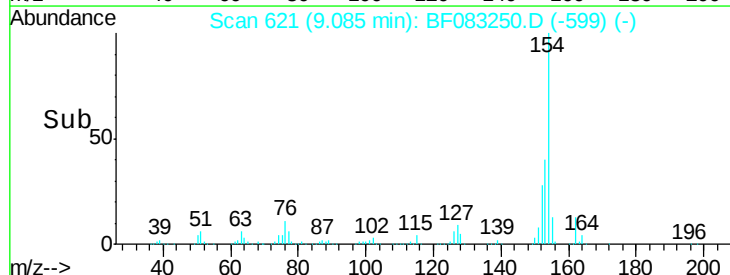
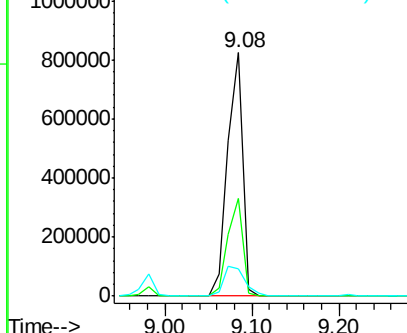


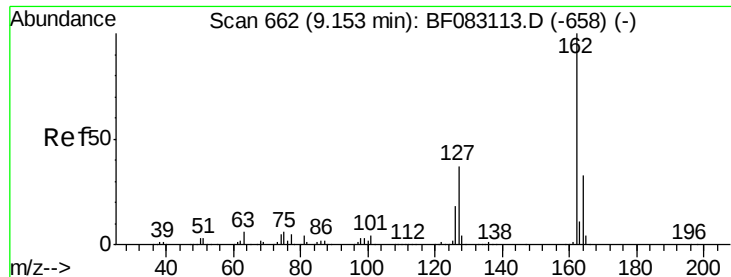
#45
1,1'-Biphenyl
Concen: 35.17 ng
RT: 9.08 min Scan# 621
Delta R.T. -0.05 min
Lab File: BF083250.D
Acq: 24 Nov 2015 21:40

Tgt Ion:154 Resp: 999891
Ion Ratio Lower Upper
154 100
153 40.2 20.5 60.5
76 11.2 0.0 31.2



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

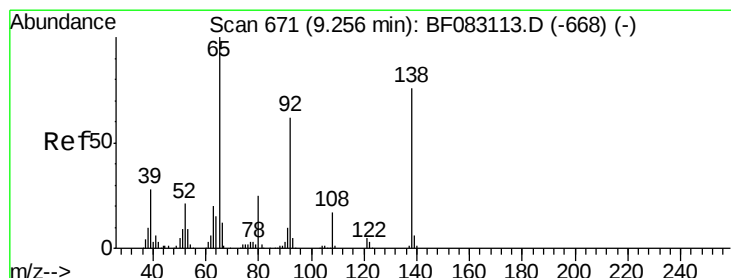
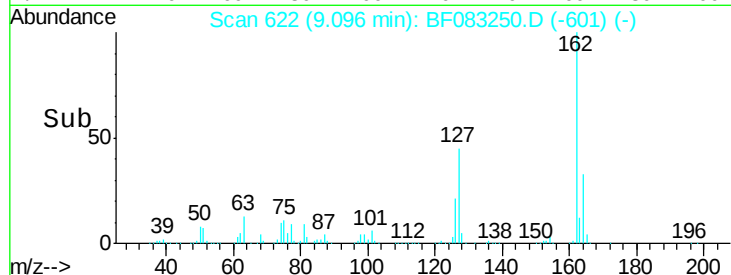
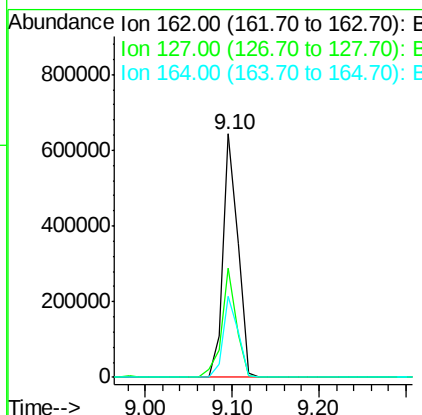
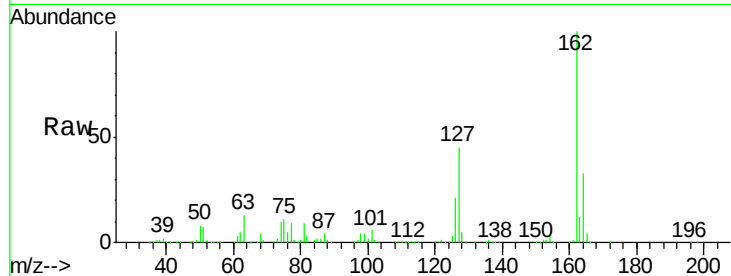




#46
2-Chloronaphthalene
Concen: 34.55 ng
RT: 9.10 min Scan# 622
Delta R.T. -0.06 min
Lab File: BF083250.D
Acq: 24 Nov 2015 21:40

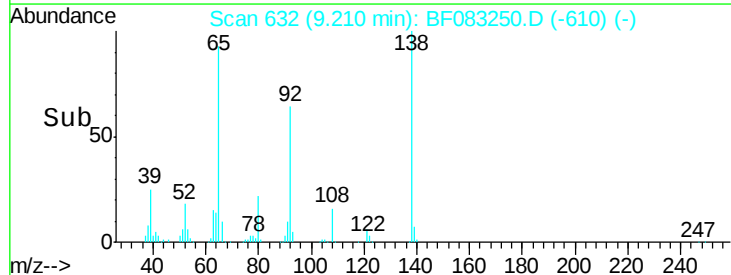
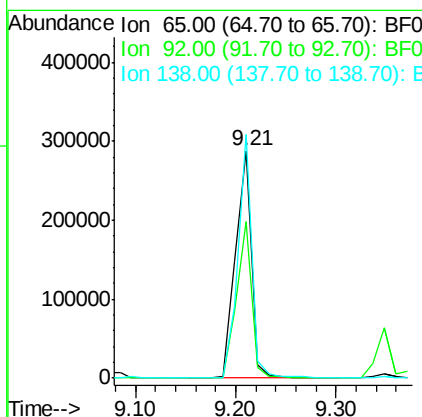
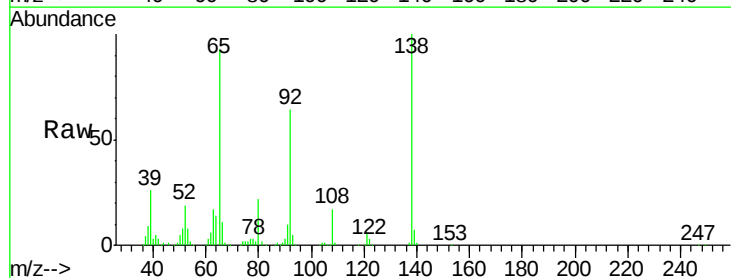
Instrument :
BNA_F
ClientSampleId :
PB86773BS

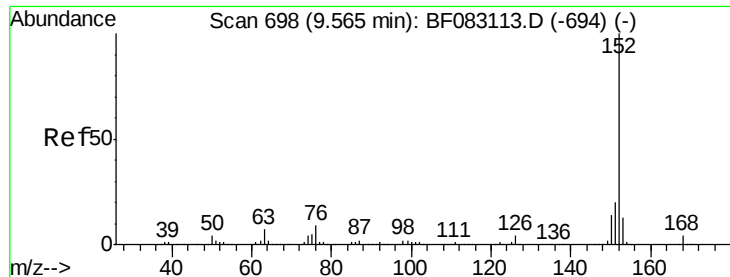
Tgt Ion: 162 Resp: 771592
Ion Ratio Lower Upper
162 100
127 44.6 29.4 44.2#
164 33.1 26.2 39.4



#47
2-Nitroaniline
Concen: 40.24 ng
RT: 9.21 min Scan# 632
Delta R.T. -0.05 min
Lab File: BF083250.D
Acq: 24 Nov 2015 21:40

Tgt Ion: 65 Resp: 317920
Ion Ratio Lower Upper
65 100
92 69.1 49.5 74.3
138 107.2 60.7 91.1#





#48

Acenaphthylene

Concen: 35.52 ng

RT: 9.51 min Scan# 658

Delta R.T. -0.06 min

Lab File: BF083250.D

Acq: 24 Nov 2015 21:40

Instrument :

BNA_F

ClientSampleId :

PB86773BS

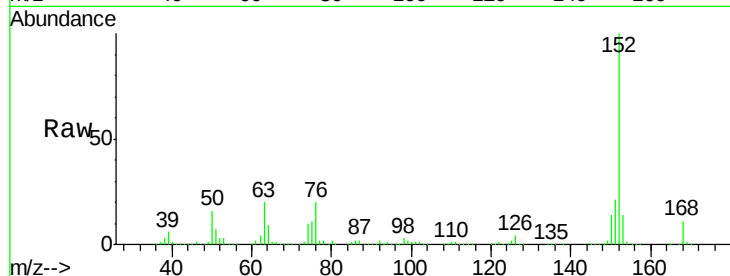
Tgt Ion:152 Resp: 1229299

Ion Ratio Lower Upper

152 100

151 20.5 16.3 24.5

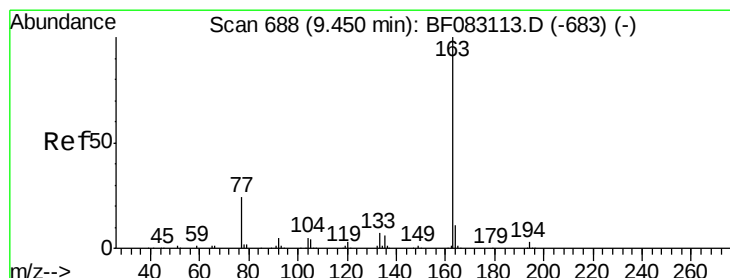
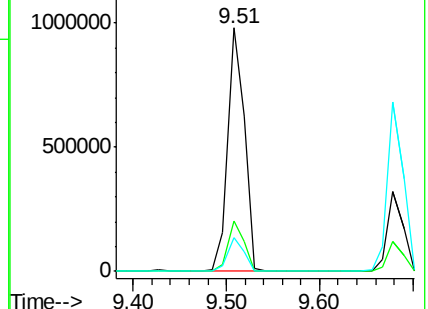
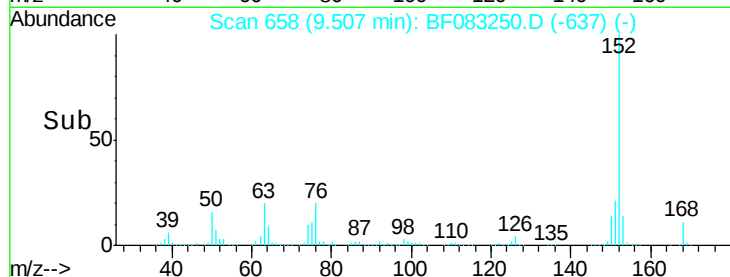
153 13.8 10.8 16.2



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: 38.68 ng

RT: 9.39 min Scan# 648

Delta R.T. -0.06 min

Lab File: BF083250.D

Acq: 24 Nov 2015 21:40

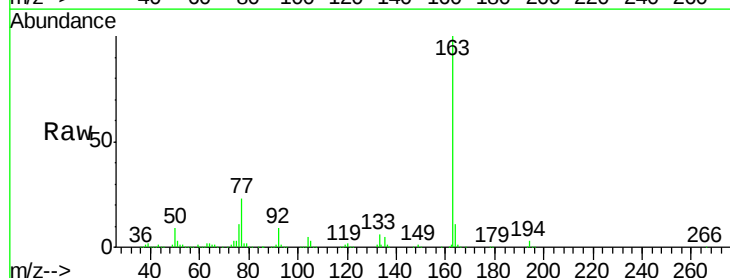
Tgt Ion:163 Resp: 994860

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

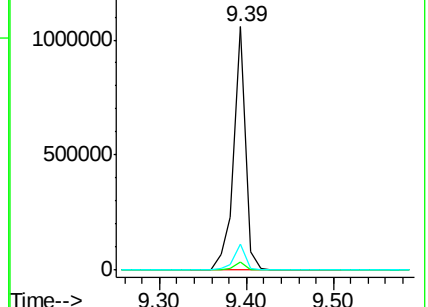
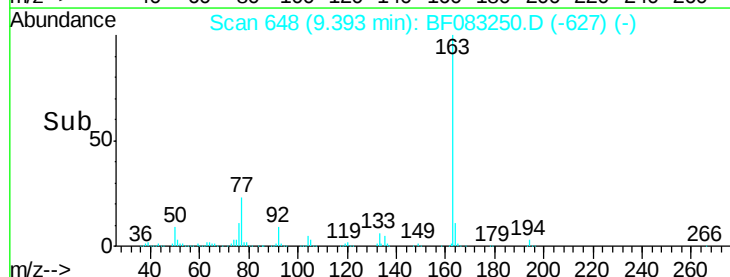
164 10.6 8.6 12.8

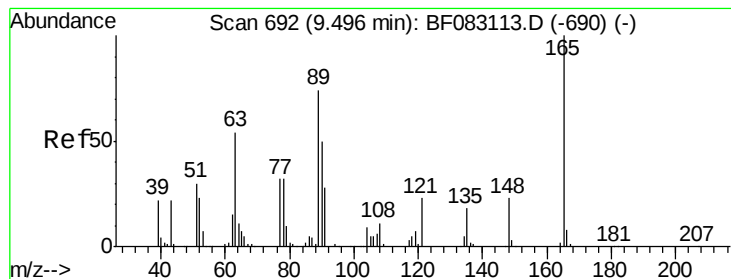


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 38.41 ng

RT: 9.45 min Scan# 653

Delta R.T. -0.05 min

Lab File: BF083250.D

Acq: 24 Nov 2015 21:40

Instrument :

BNA_F

ClientSampleId :

PB86773BS

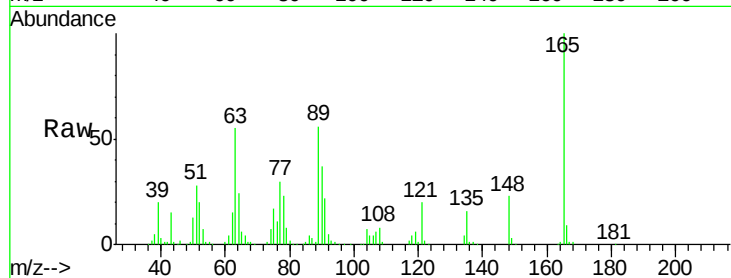
Tgt Ion:165 Resp: 221699

Ion Ratio Lower Upper

165 100

63 54.9 62.5 93.7#

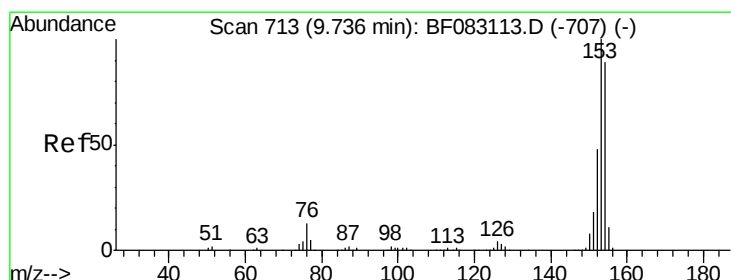
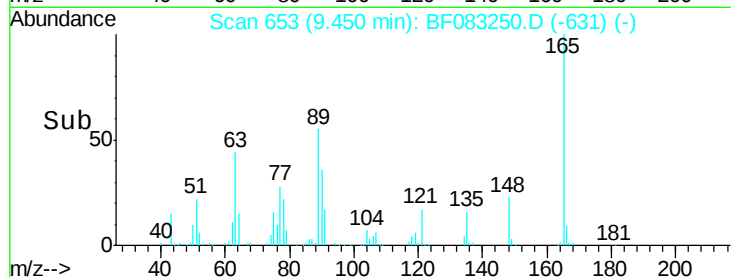
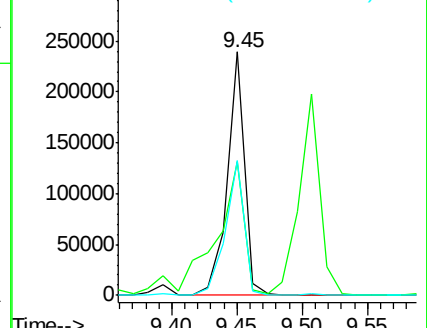
89 55.6 59.1 88.7#



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: 34.93 ng

RT: 9.68 min Scan# 673

Delta R.T. -0.06 min

Lab File: BF083250.D

Acq: 24 Nov 2015 21:40

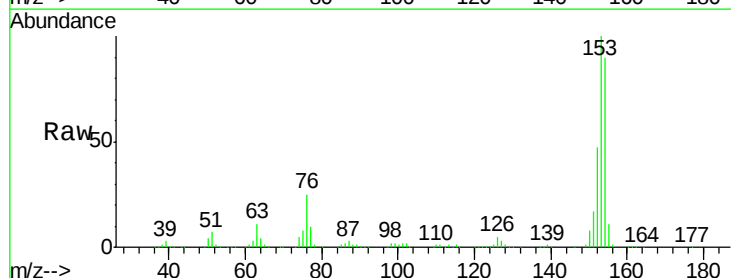
Tgt Ion:154 Resp: 735813

Ion Ratio Lower Upper

154 100

153 110.6 89.6 134.4

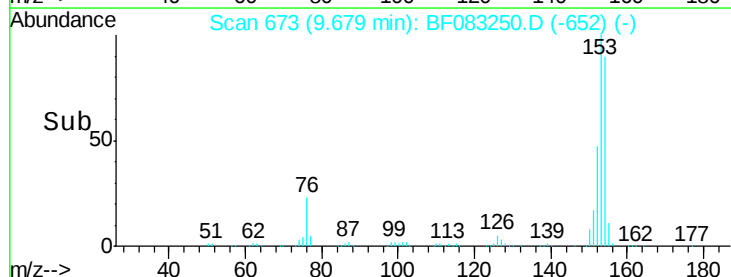
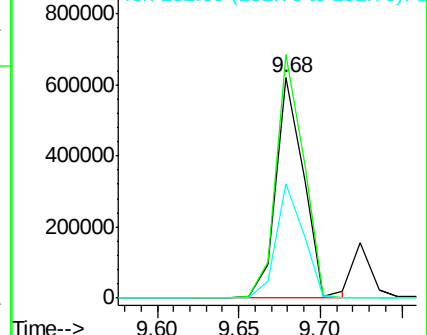
152 52.1 43.3 64.9

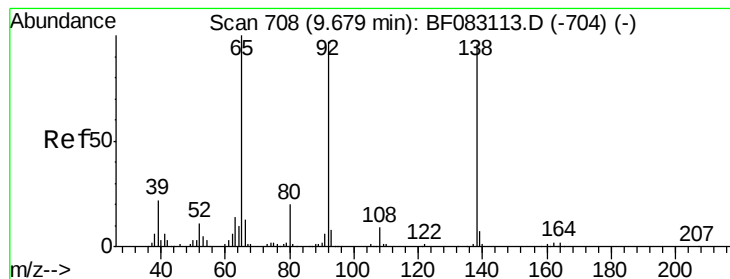


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 16.19 ng

RT: 9.62 min Scan# 668

Delta R.T. -0.06 min

Lab File: BF083250.D

Acq: 24 Nov 2015 21:40

Instrument :

BNA_F

ClientSampleId :

PB86773BS

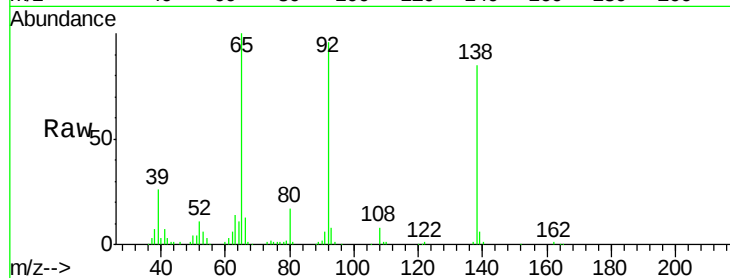
Tgt Ion:138 Resp: 99585

Ion Ratio Lower Upper

138 100

108 9.3 7.8 11.6

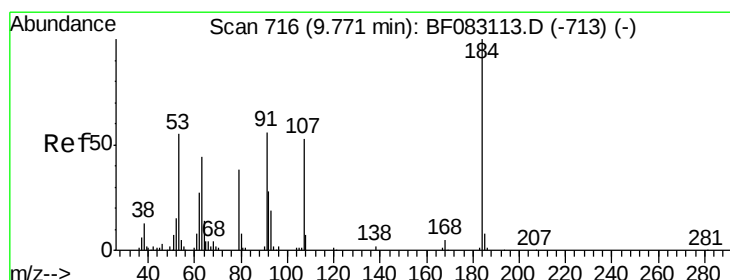
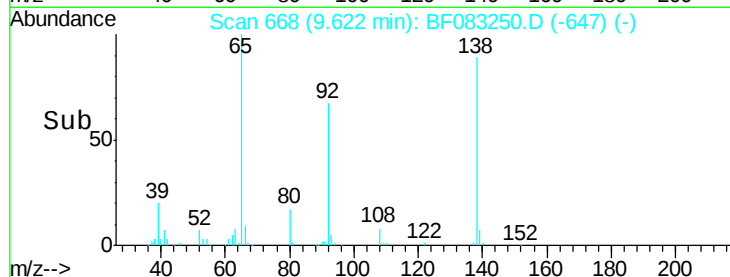
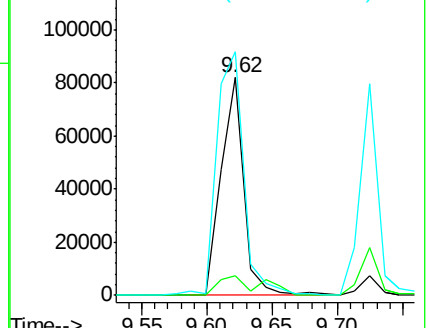
92 111.9 81.1 121.7



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: 74.34 ng

RT: 9.72 min Scan# 677

Delta R.T. -0.05 min

Lab File: BF083250.D

Acq: 24 Nov 2015 21:40

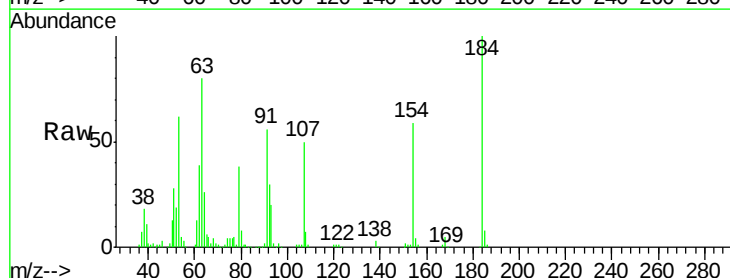
Tgt Ion:184 Resp: 247186

Ion Ratio Lower Upper

184 100

63 79.5 60.5 90.7

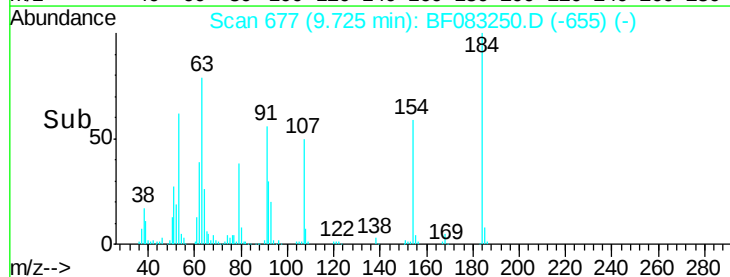
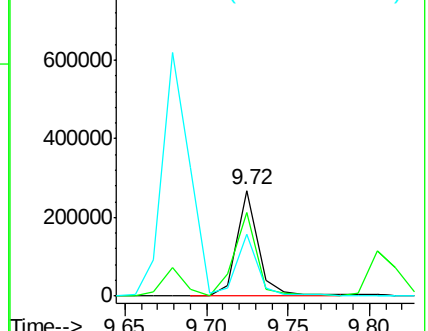
154 58.5 54.3 81.5

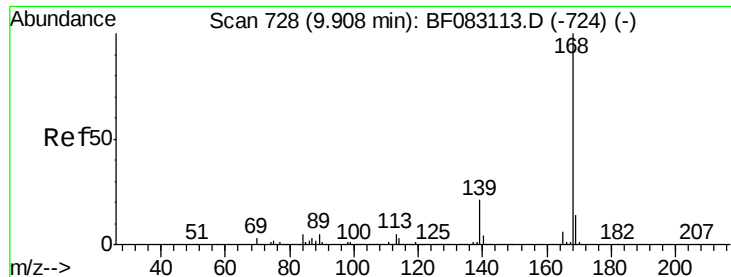


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

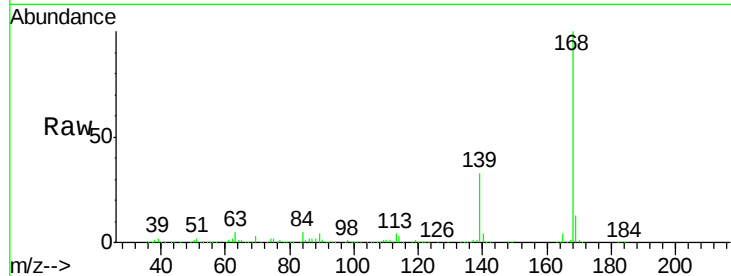




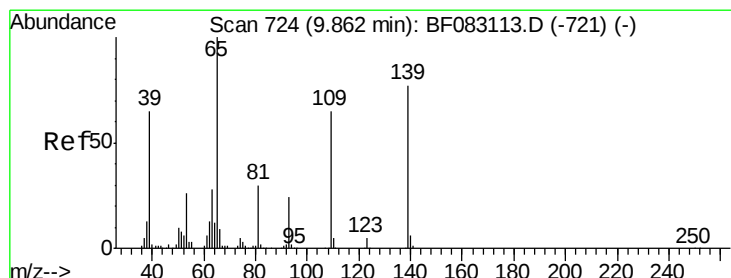
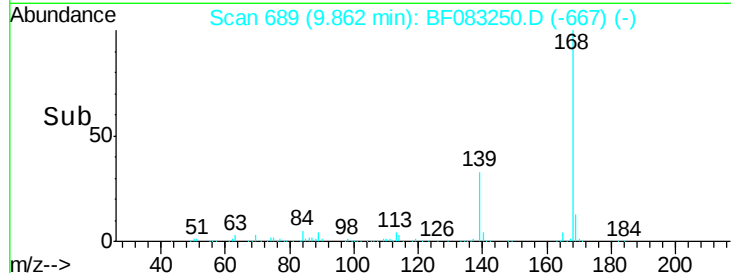
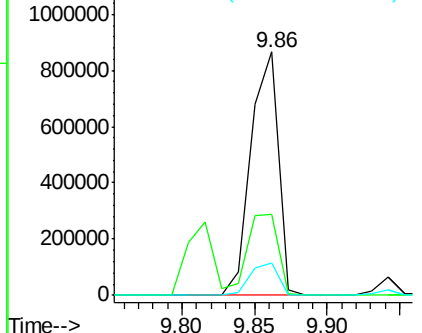
#54
Dibenzenofuran
Concen: 38.02 ng
RT: 9.86 min Scan# 689
Delta R.T. -0.05 min
Lab File: BF083250.D
Acq: 24 Nov 2015 21:40

Instrument :
BNA_F
ClientSampleId :
PB86773BS

Tgt Ion:168 Resp: 1132553
Ion Ratio Lower Upper
168 100
139 33.2 30.2 45.2
169 13.2 10.9 16.3

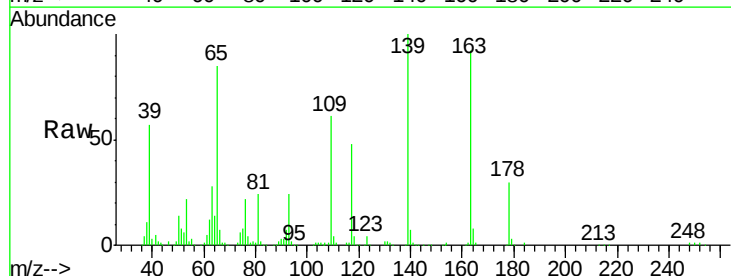


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

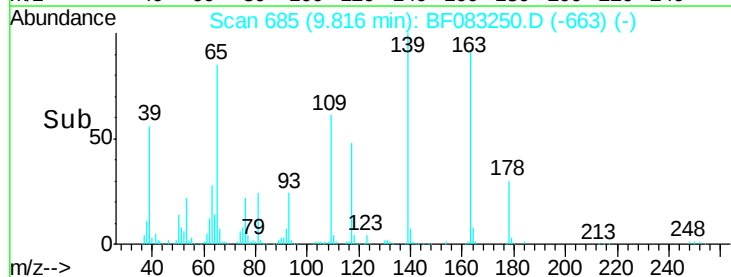
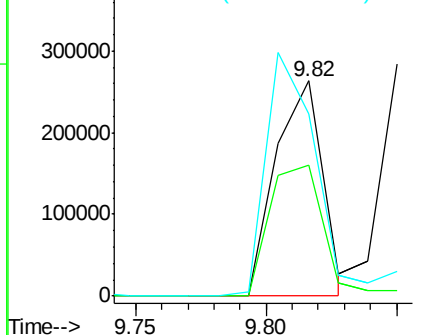


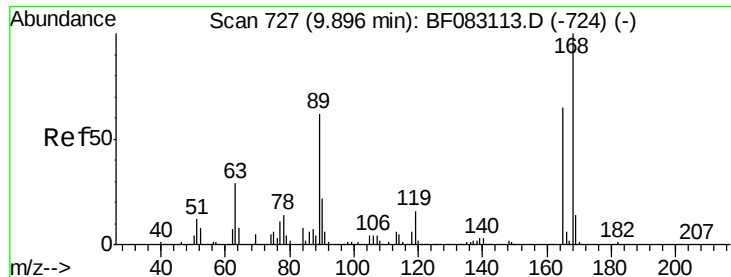
#55
4-Nitrophenol
Concen: 69.34 ng
RT: 9.82 min Scan# 685
Delta R.T. -0.05 min
Lab File: BF083250.D
Acq: 24 Nov 2015 21:40

Tgt Ion:139 Resp: 327156
Ion Ratio Lower Upper
139 100
109 60.7 64.0 104.0#
65 84.5 109.5 149.5#



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

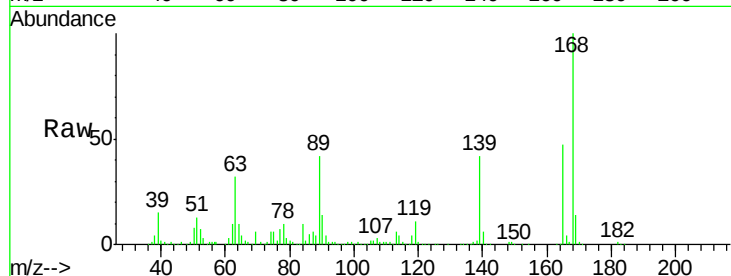




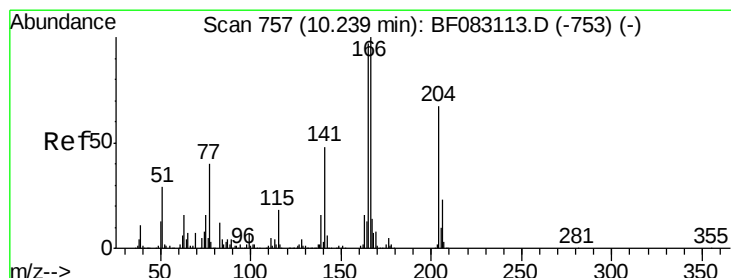
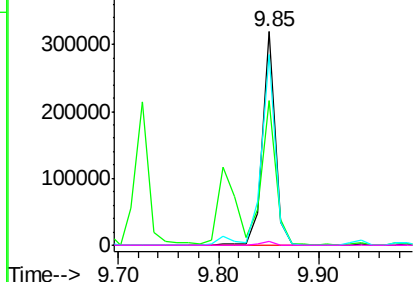
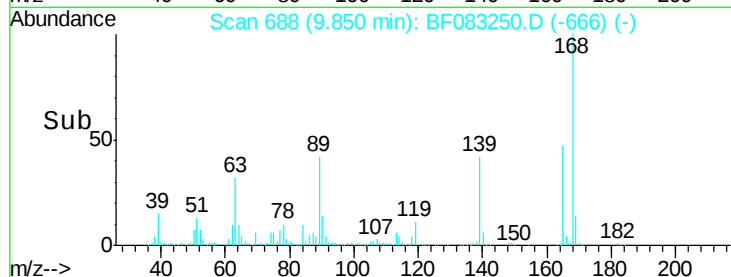
#56
2,4-Dinitrotoluene
Concen: 38.73 ng
RT: 9.85 min Scan# 688
Delta R.T. -0.05 min
Lab File: BF083250.D
Acq: 24 Nov 2015 21:40

Instrument :
BNA_F
ClientSampleId :
PB86773BS

Tgt Ion:165 Resp: 283212
Ion Ratio Lower Upper
165 100
63 67.6 54.5 81.7
89 89.3 77.3 115.9
182 2.0 1.8 2.6

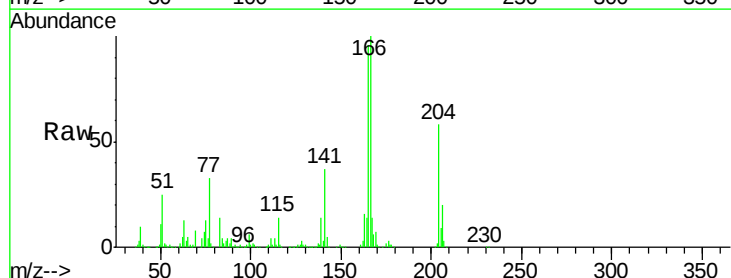


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

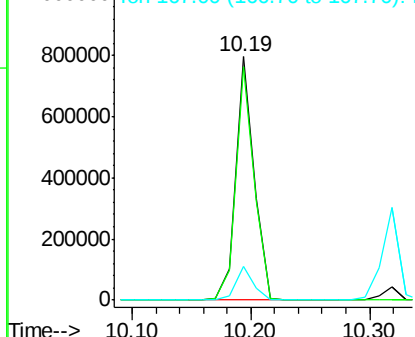
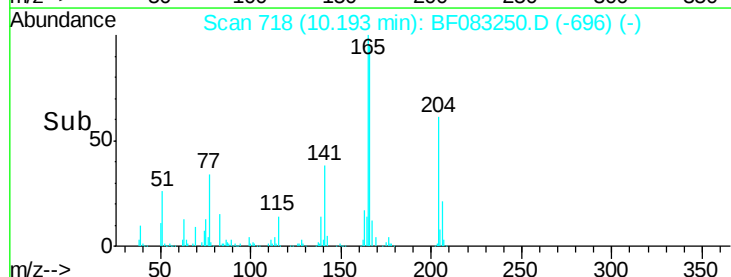


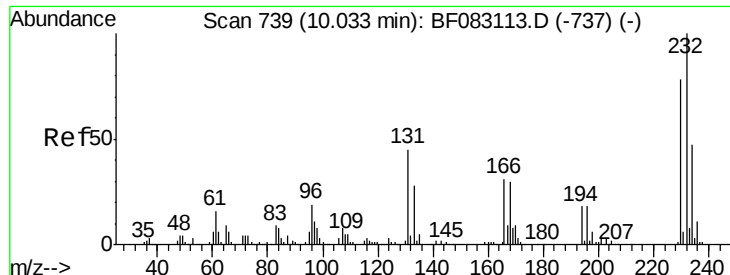
#57
Fluorene
Concen: 34.76 ng
RT: 10.19 min Scan# 718
Delta R.T. -0.05 min
Lab File: BF083250.D
Acq: 24 Nov 2015 21:40

Tgt Ion:166 Resp: 855626
Ion Ratio Lower Upper
166 100
165 95.9 78.0 117.0
167 14.0 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

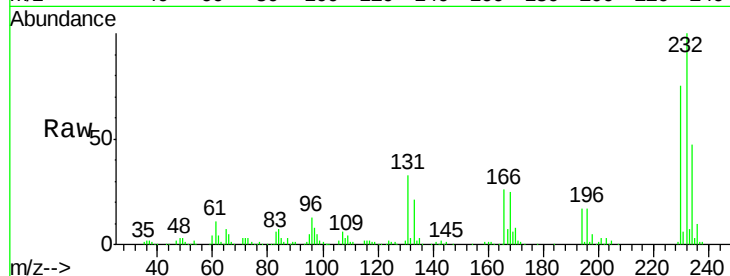




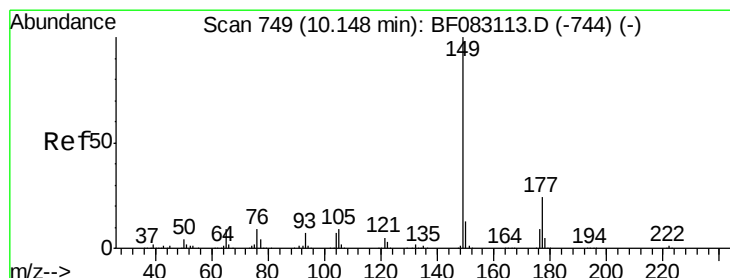
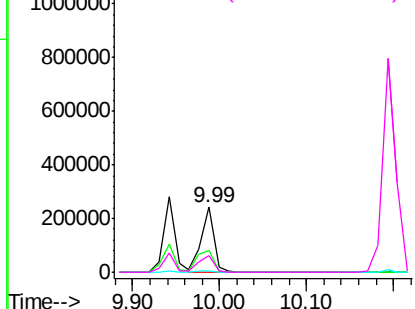
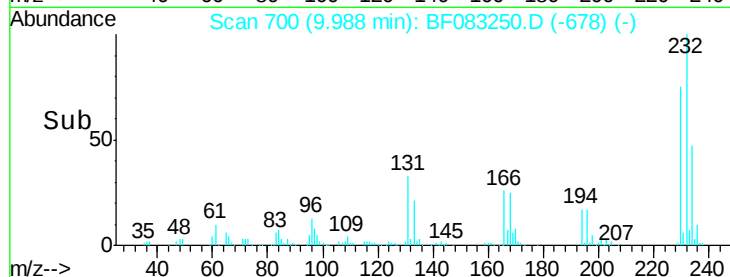
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.35 ng
 RT: 9.99 min Scan# 700
 Delta R.T. -0.05 min
 Lab File: BF083250.D
 Acq: 24 Nov 2015 21:40

Instrument :
 BNA_F
 ClientSampleId :
 PB86773BS

Tgt Ion:	232	Resp:	242977
Ion	Ratio	Lower	Upper
232	100		
131	44.5	38.6	57.8
130	2.1	1.9	2.9
166	29.6	25.4	38.0

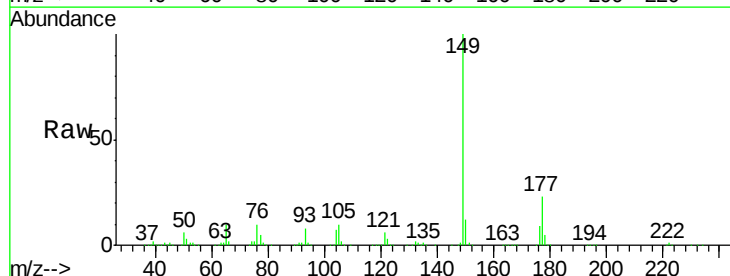


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

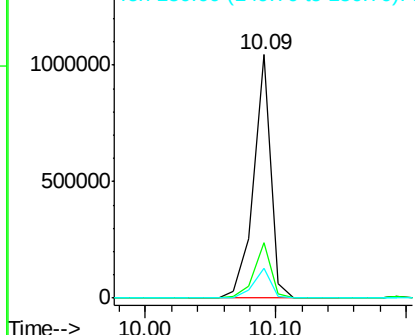
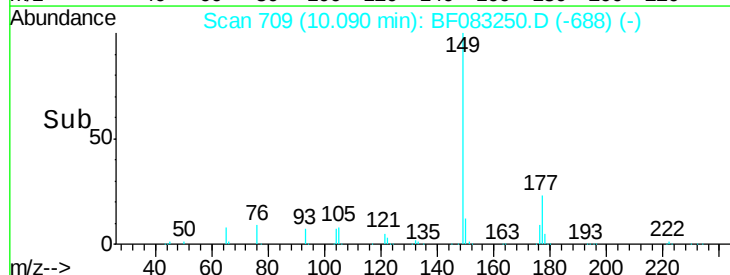


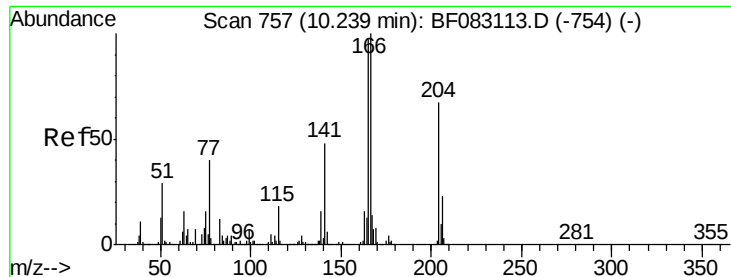
#59
 Diethylphthalate
 Concen: 37.59 ng
 RT: 10.09 min Scan# 709
 Delta R.T. -0.06 min
 Lab File: BF083250.D
 Acq: 24 Nov 2015 21:40

Tgt Ion:	149	Resp:	962395
Ion	Ratio	Lower	Upper
149	100		
177	22.9	19.4	29.2
150	12.4	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

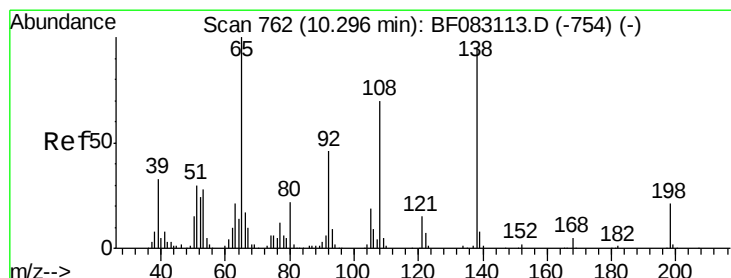
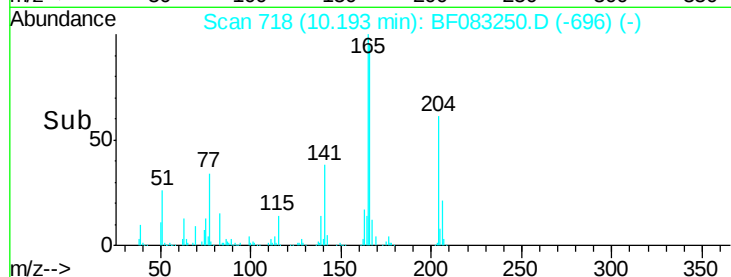
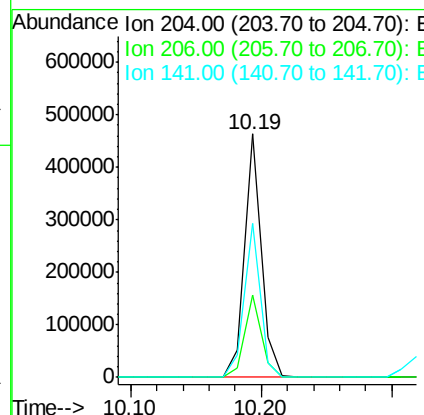
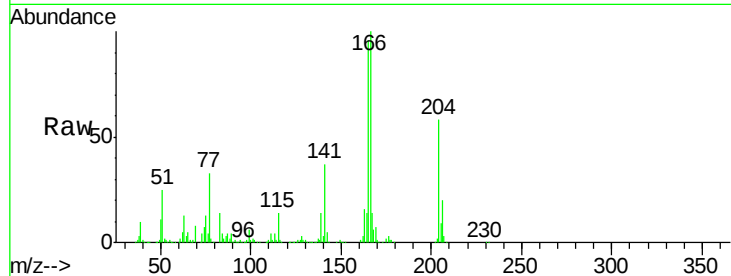




#60
 4-Chlorophenyl-phenylether
 Concen: 36.50 ng
 RT: 10.19 min Scan# 718
 Delta R.T. -0.05 min
 Lab File: BF083250.D
 Acq: 24 Nov 2015 21:40

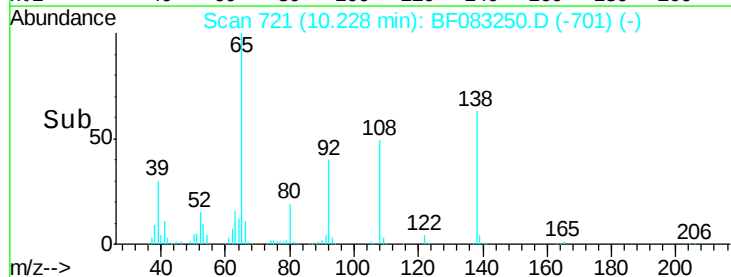
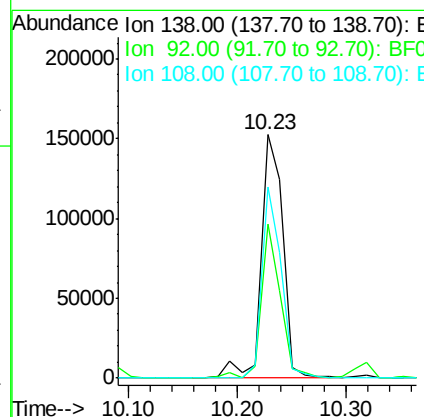
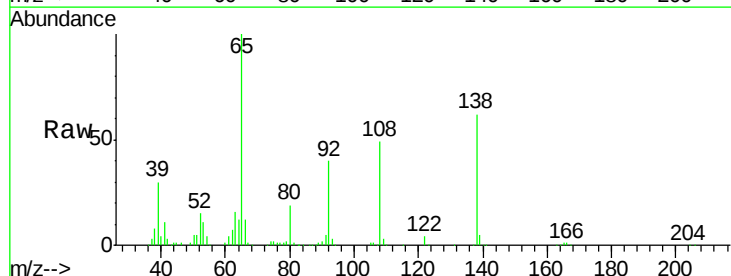
Instrument :
 BNA_F
 ClientSampleId :
 PB86773BS

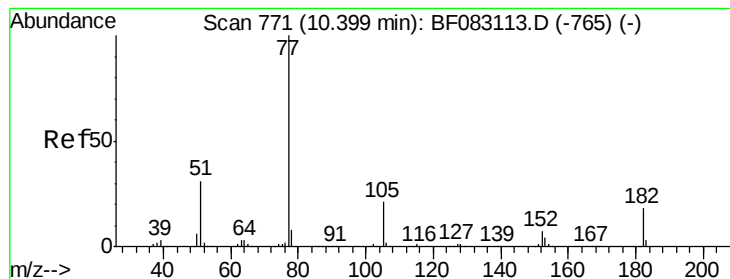
Tgt Ion: 204 Resp: 411452
 Ion Ratio Lower Upper
 204 100
 206 33.8 27.4 41.0
 141 63.3 57.4 86.2



#61
 4-Nitroaniline
 Concen: 35.34 ng
 RT: 10.23 min Scan# 721
 Delta R.T. -0.07 min
 Lab File: BF083250.D
 Acq: 24 Nov 2015 21:40

Tgt Ion: 138 Resp: 214066
 Ion Ratio Lower Upper
 138 100
 92 63.5 28.4 68.4
 108 78.5 53.5 93.5





#62

Azobenzene

Concen: 40.98 ng

RT: 10.35 min Scan# 732

Delta R.T. -0.05 min

Lab File: BF083250.D

Acq: 24 Nov 2015 21:40

Instrument :

BNA_F

ClientSampleId :

PB86773BS

Tgt Ion: 77 Resp: 1197625

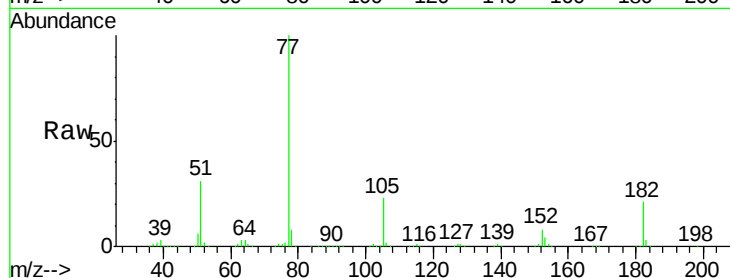
Ion Ratio Lower Upper

77 100

182 20.5 0.0 38.3

105 22.6 1.2 41.2

51 31.0 11.1 51.1

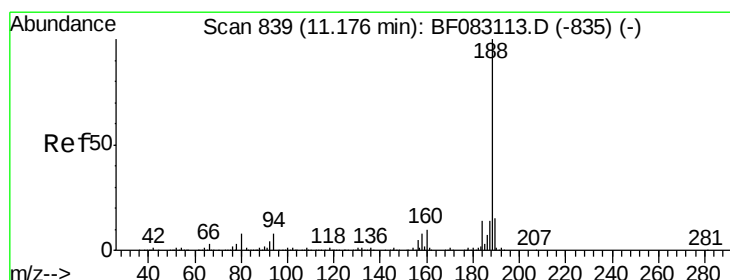
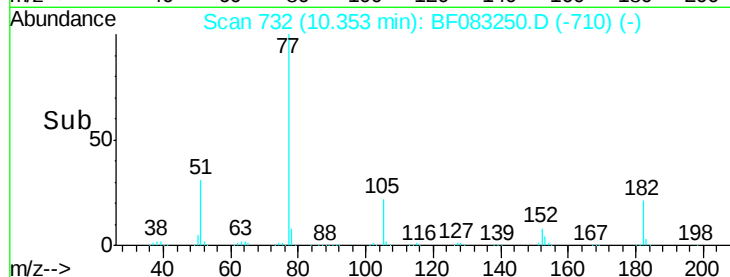
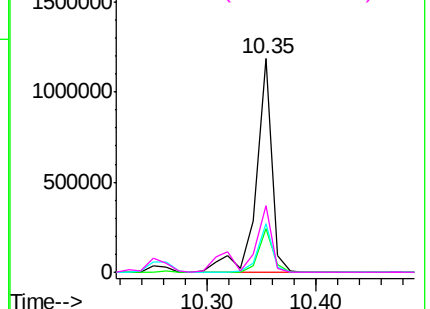


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.13 min Scan# 800

Delta R.T. -0.05 min

Lab File: BF083250.D

Acq: 24 Nov 2015 21:40

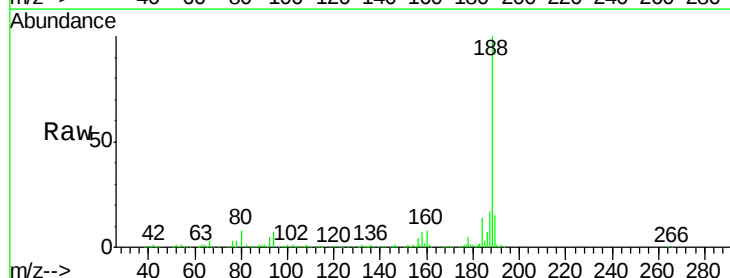
Tgt Ion: 188 Resp: 646176

Ion Ratio Lower Upper

188 100

94 7.3 6.0 9.0

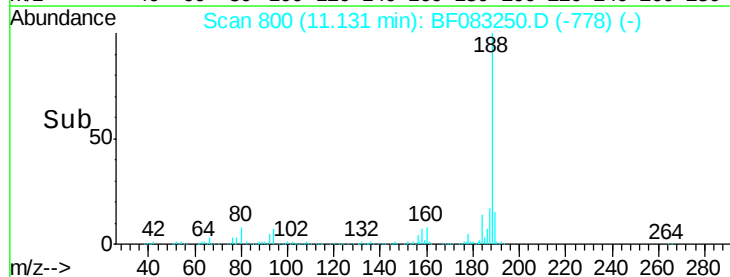
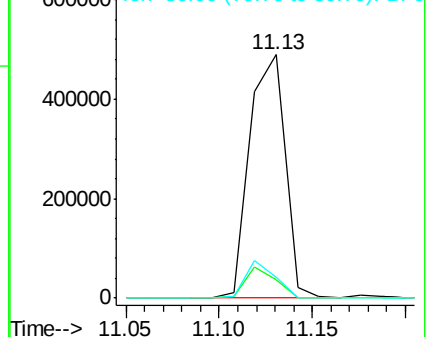
80 8.5 6.7 10.1

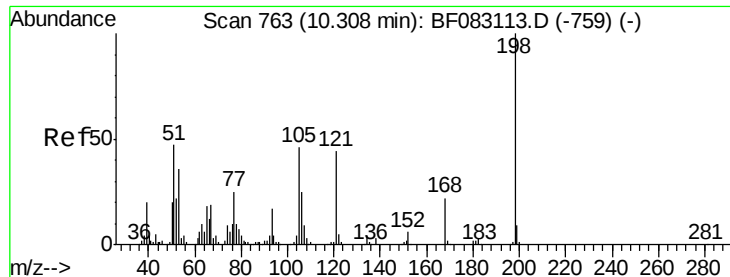


Abundance Ion 188.00 (187.70 to 188.70): E

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: 37.32 ng

RT: 10.26 min Scan# 724

Delta R.T. -0.05 min

Lab File: BF083250.D

Acq: 24 Nov 2015 21:40

Instrument :

BNA_F

ClientSampleId :

PB86773BS

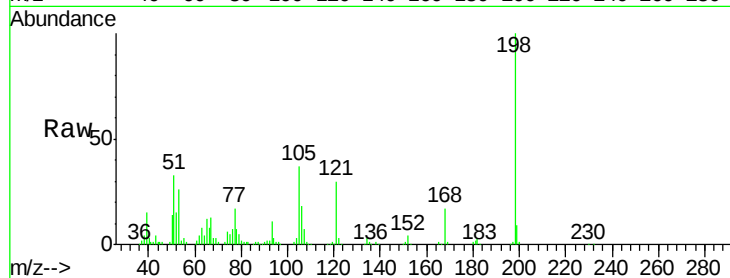
Tgt Ion:198 Resp: 166159

Ion Ratio Lower Upper

198 100

51 33.0 27.0 67.0

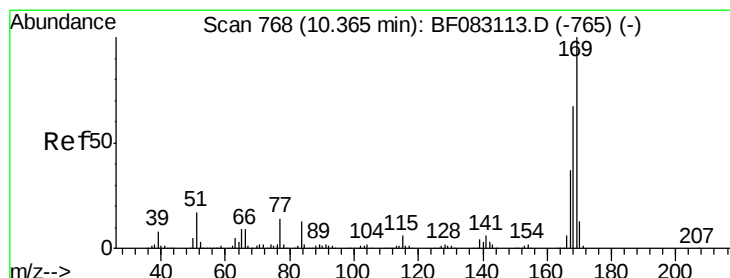
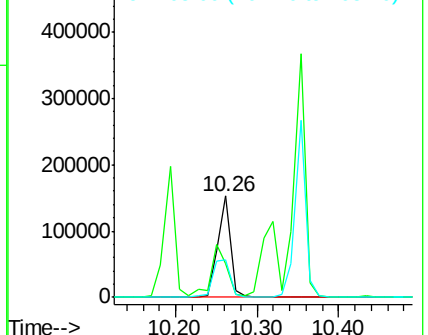
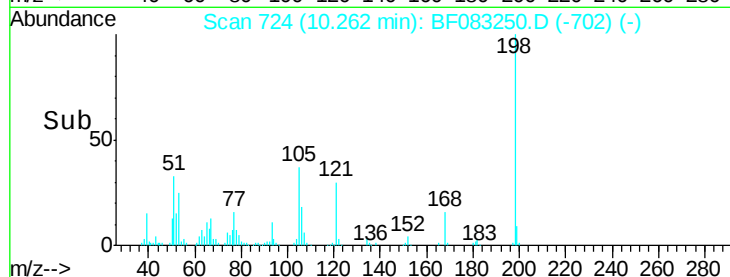
105 36.7 26.1 66.1



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: 37.34 ng

RT: 10.32 min Scan# 729

Delta R.T. -0.05 min

Lab File: BF083250.D

Acq: 24 Nov 2015 21:40

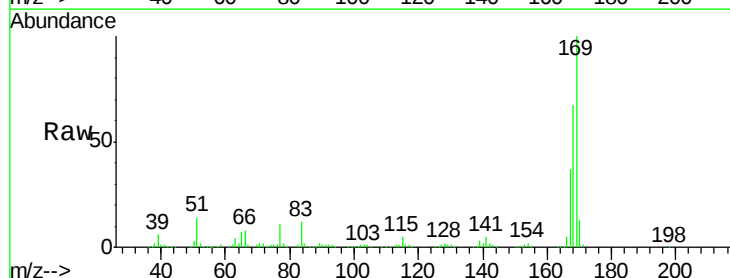
Tgt Ion:169 Resp: 820579

Ion Ratio Lower Upper

169 100

168 67.1 53.8 80.6

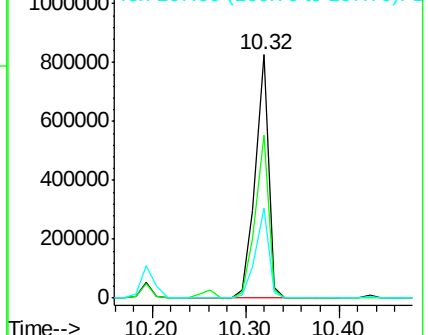
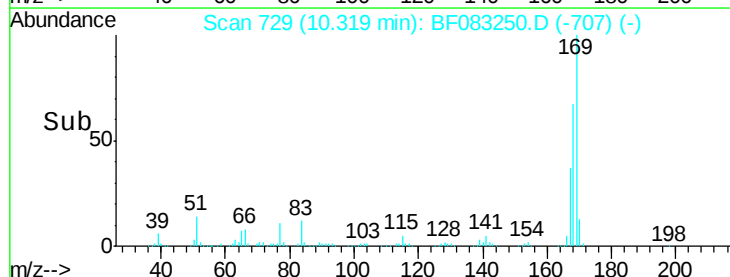
167 36.8 29.8 44.8

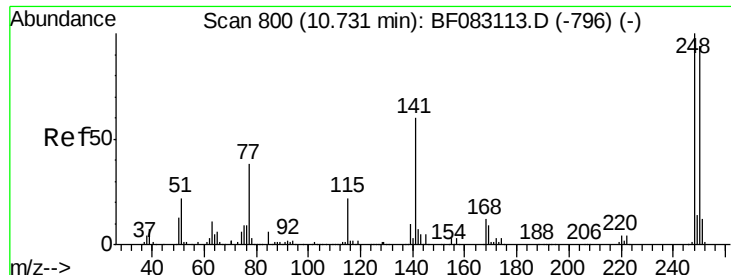


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

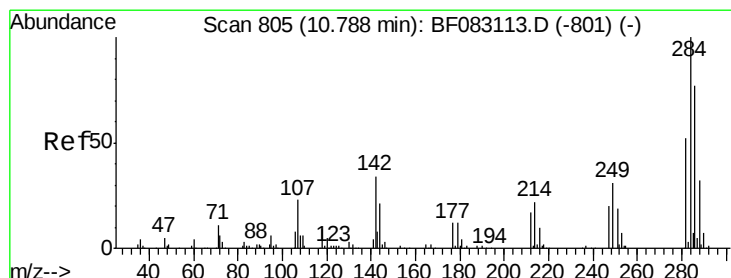
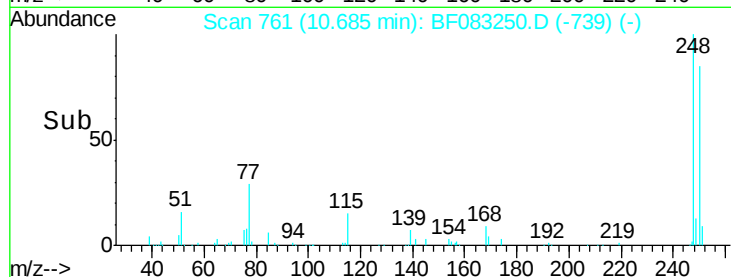
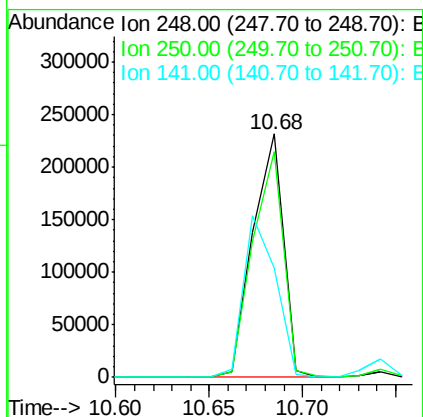
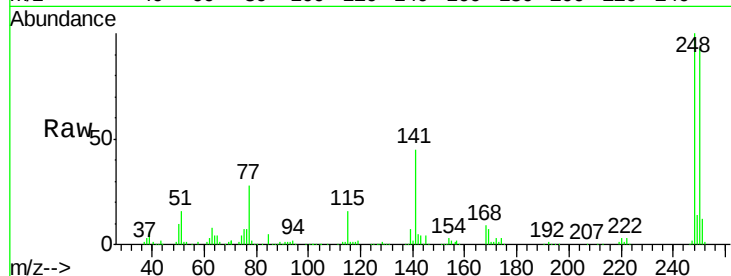




#66
 4-Bromophenyl-phenylether
 Concen: 36.67 ng
 RT: 10.68 min Scan# 761
 Delta R.T. -0.05 min
 Lab File: BF083250.D
 Acq: 24 Nov 2015 21:40

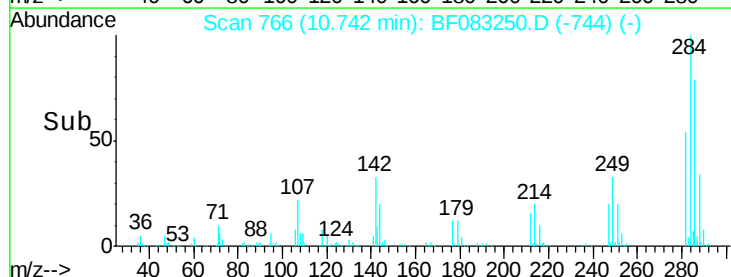
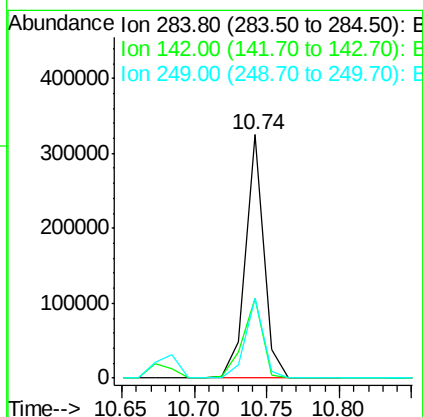
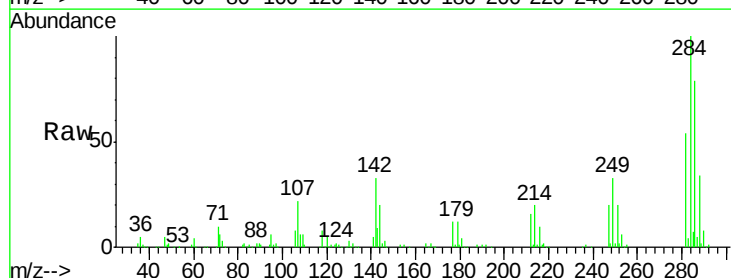
Instrument :
 BNA_F
 ClientSampleId :
 PB86773BS

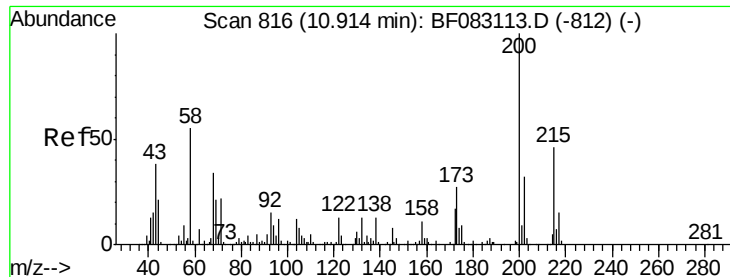
Tgt Ion:248 Resp: 262971
 Ion Ratio Lower Upper
 248 100
 250 92.6 75.4 113.2
 141 45.0 48.1 72.1#



#67
 Hexachlorobenzene
 Concen: 36.02 ng
 RT: 10.74 min Scan# 766
 Delta R.T. -0.05 min
 Lab File: BF083250.D
 Acq: 24 Nov 2015 21:40

Tgt Ion:284 Resp: 284444
 Ion Ratio Lower Upper
 284 100
 142 33.0 27.6 41.4
 249 32.5 25.5 38.3

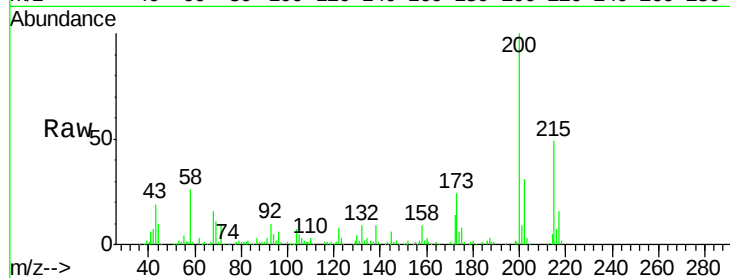




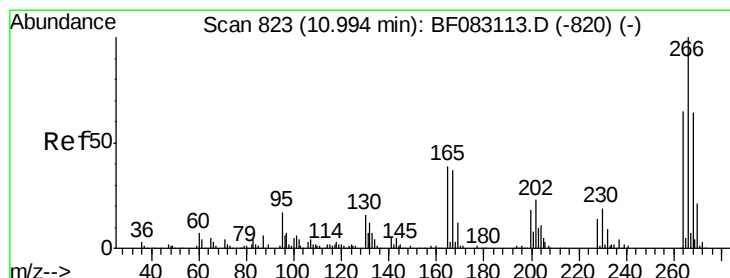
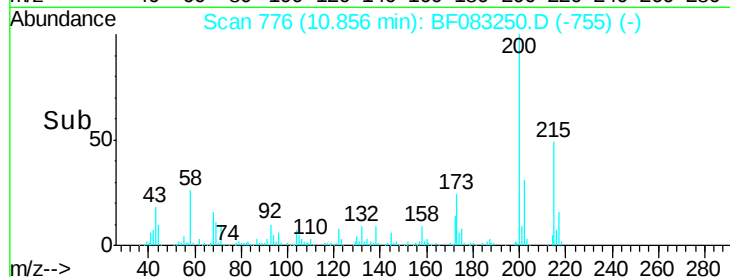
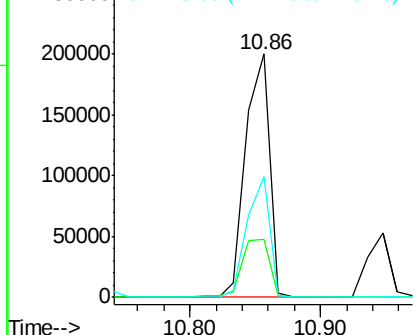
#68
Atrazine
Concen: 39.94 ng
RT: 10.86 min Scan# 776
Delta R.T. -0.06 min
Lab File: BF083250.D
Acq: 24 Nov 2015 21:40

Instrument :
BNA_F
ClientSampleID :
PB86773BS

Tgt Ion:200 Resp: 254904
Ion Ratio Lower Upper
200 100
173 23.8 7.2 47.2
215 49.3 25.7 65.7

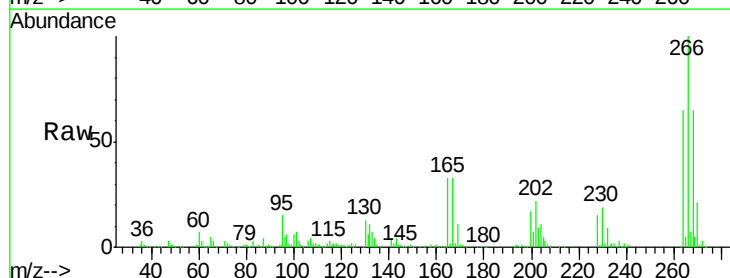


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

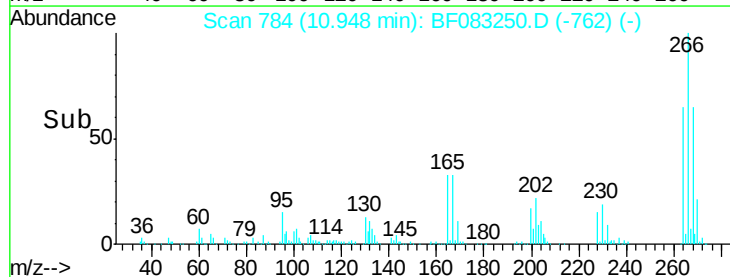
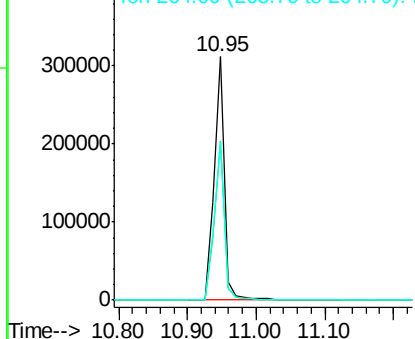


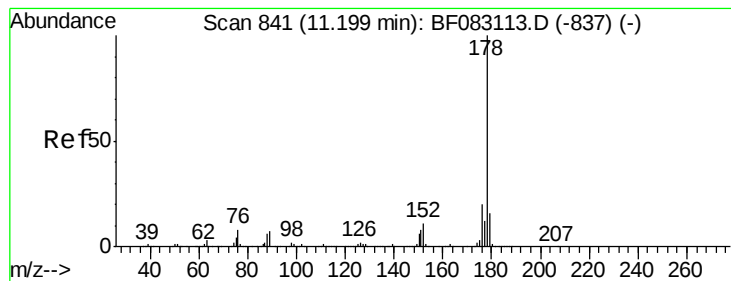
#69
Pentachlorophenol
Concen: 64.84 ng
RT: 10.95 min Scan# 784
Delta R.T. -0.05 min
Lab File: BF083250.D
Acq: 24 Nov 2015 21:40

Tgt Ion:266 Resp: 333469
Ion Ratio Lower Upper
266 100
268 65.4 51.4 77.0
264 64.6 51.7 77.5



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





#70

Phenanthrene

Concen: 38.38 ng

RT: 11.15 min Scan# 802

Delta R.T. -0.05 min

Lab File: BF083250.D

Acq: 24 Nov 2015 21:40

Instrument :

BNA_F

ClientSampleId :

PB86773BS

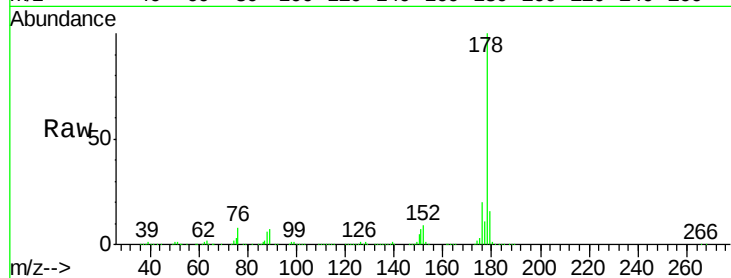
Tgt Ion:178 Resp: 1428917

Ion Ratio Lower Upper

178 100

176 20.0 16.2 24.2

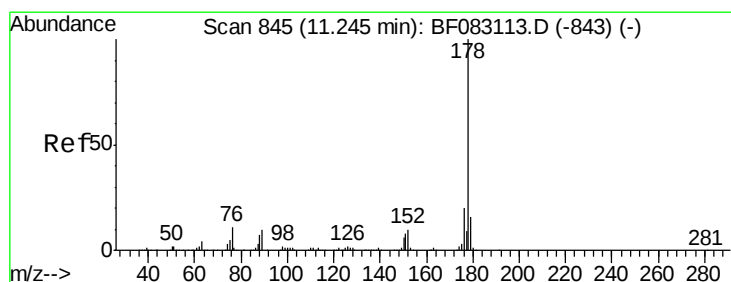
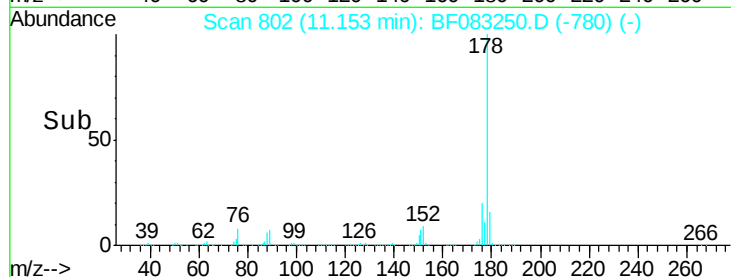
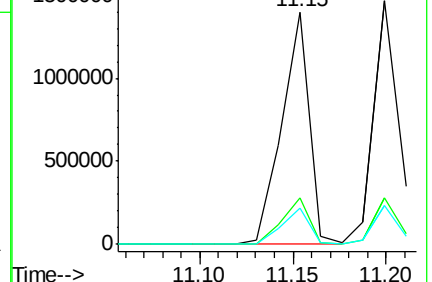
179 15.7 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 35.63 ng

RT: 11.20 min Scan# 806

Delta R.T. -0.05 min

Lab File: BF083250.D

Acq: 24 Nov 2015 21:40

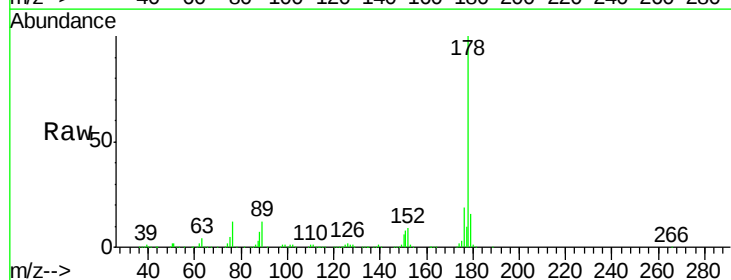
Tgt Ion:178 Resp: 1353236

Ion Ratio Lower Upper

178 100

176 19.2 15.6 23.4

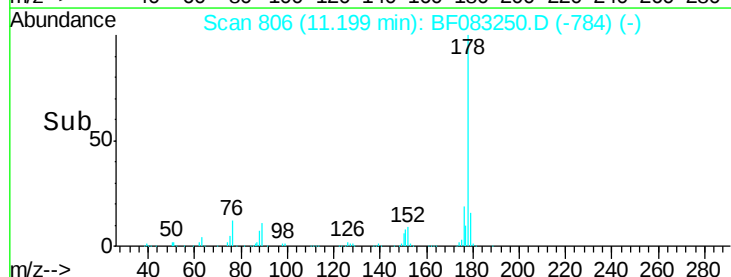
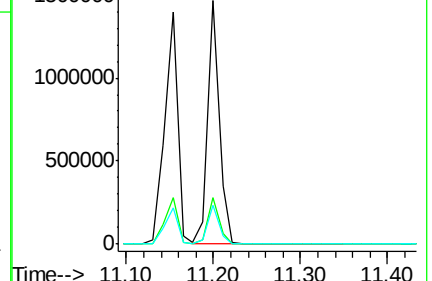
179 16.2 13.2 19.8

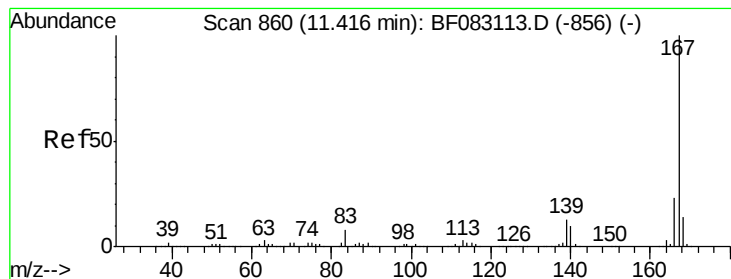


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 35.32 ng

RT: 11.36 min Scan# 820

Delta R.T. -0.06 min

Lab File: BF083250.D

Acq: 24 Nov 2015 21:40

Instrument :

BNA_F

ClientSampleId :

PB86773BS

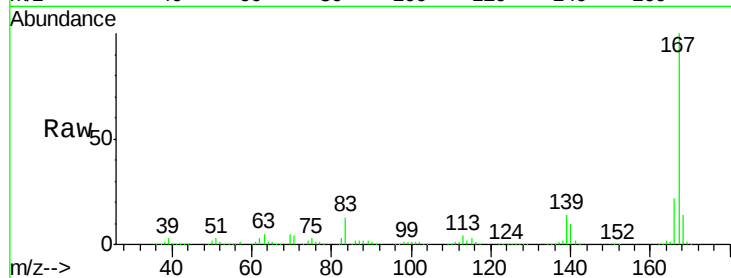
Tgt Ion:167 Resp: 1192607

Ion Ratio Lower Upper

167 100

166 21.9 18.0 27.0

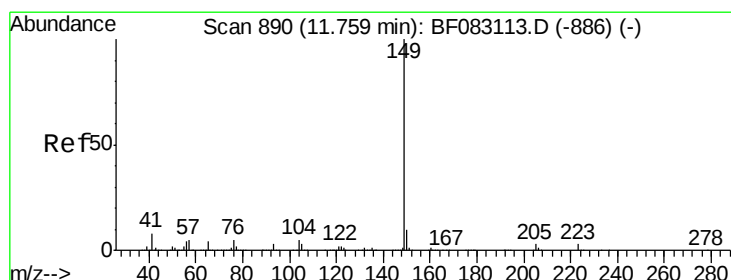
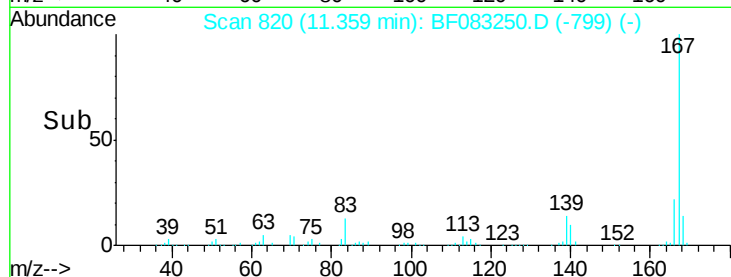
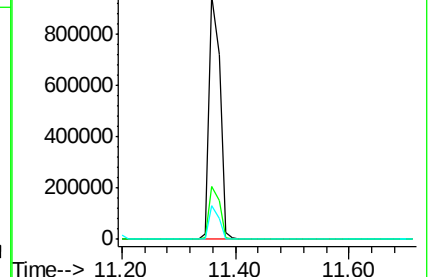
139 13.9 10.5 15.7



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: 34.14 ng

RT: 11.70 min Scan# 850

Delta R.T. -0.06 min

Lab File: BF083250.D

Acq: 24 Nov 2015 21:40

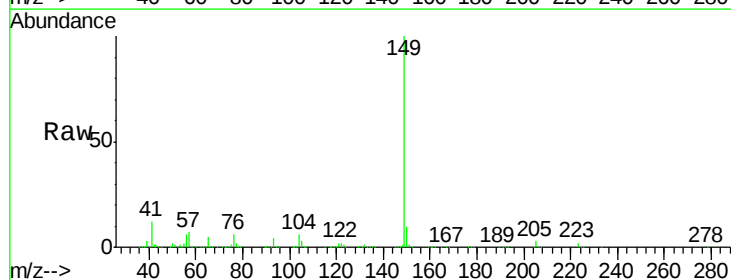
Tgt Ion:149 Resp: 1406775

Ion Ratio Lower Upper

149 100

150 9.6 8.0 12.0

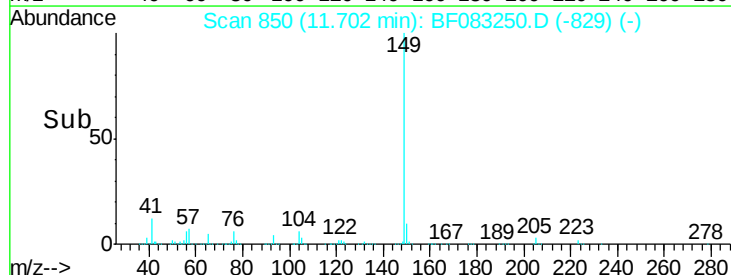
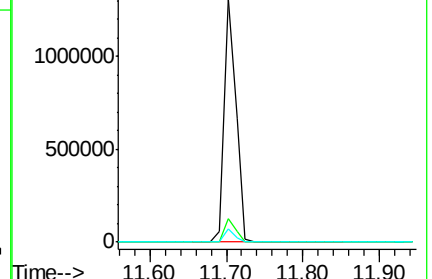
104 5.5 4.4 6.6

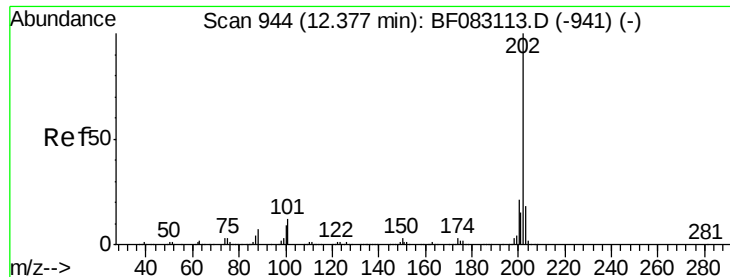


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 36.43 ng

RT: 12.33 min Scan# 905

Delta R.T. -0.05 min

Lab File: BF083250.D

Acq: 24 Nov 2015 21:40

Instrument :

BNA_F

ClientSampleId :

PB86773BS

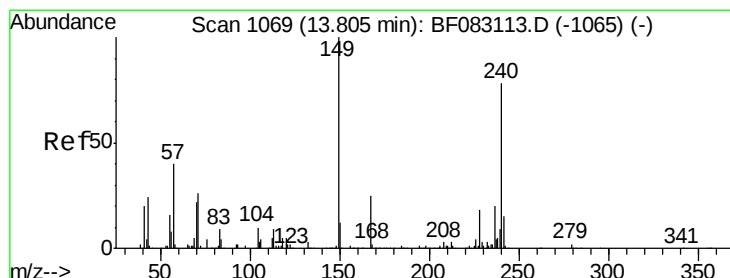
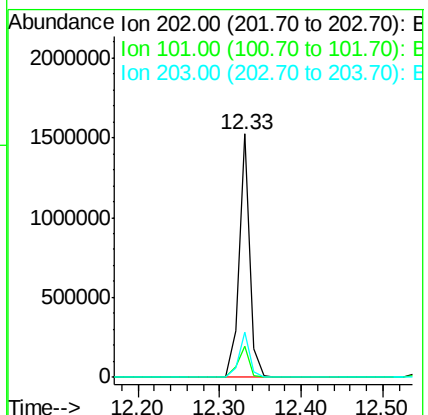
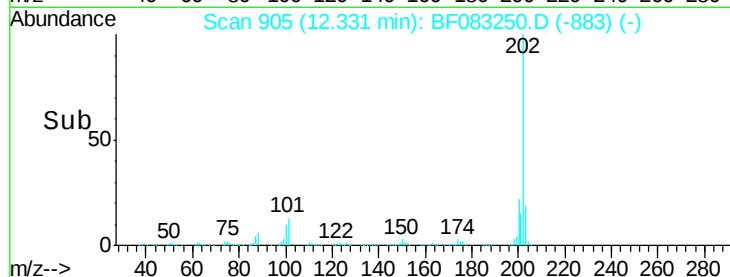
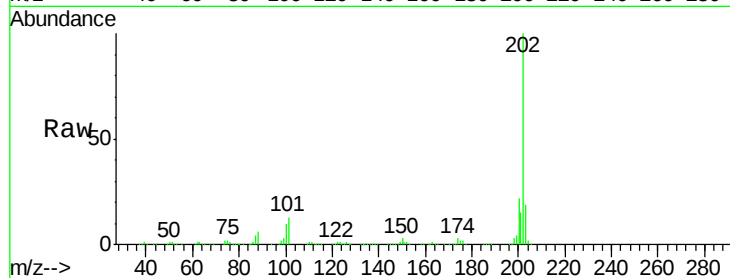
Tgt Ion:202 Resp: 1388117

Ion Ratio Lower Upper

202 100

101 12.6 0.0 32.3

203 18.5 0.0 38.4



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1029

Delta R.T. -0.06 min

Lab File: BF083250.D

Acq: 24 Nov 2015 21:40

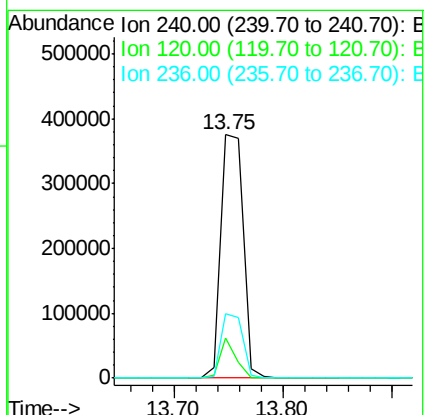
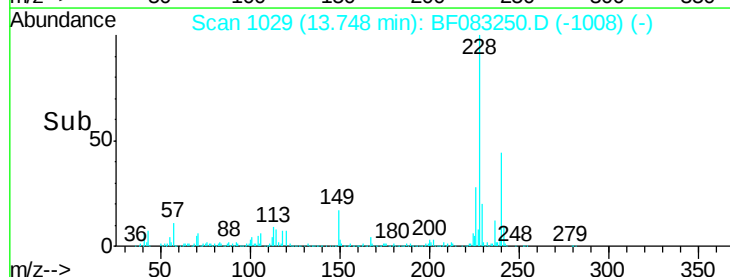
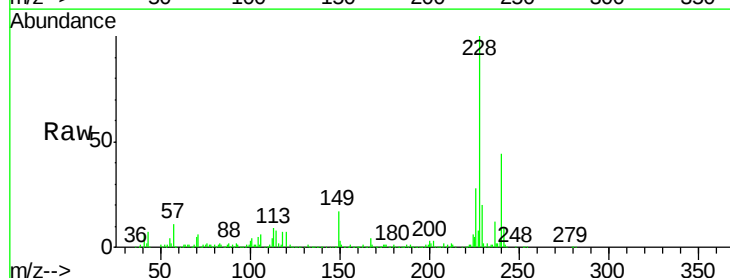
Tgt Ion:240 Resp: 536101

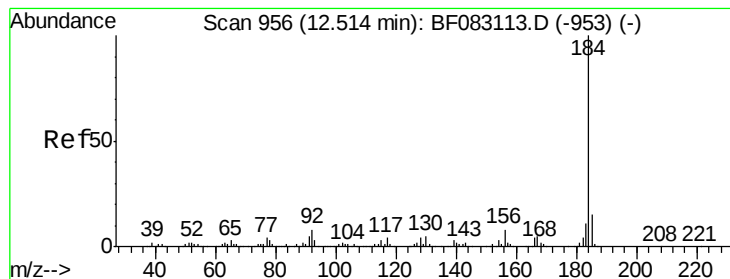
Ion Ratio Lower Upper

240 100

120 16.7 5.4 8.2#

236 26.3 20.6 31.0





#76

Benzidine

Concen: 30.84 ng

RT: 12.47 min Scan# 917

Delta R.T. -0.05 min

Lab File: BF083250.D

Acq: 24 Nov 2015 21:40

Instrument :

BNA_F

ClientSampleId :

PB86773BS

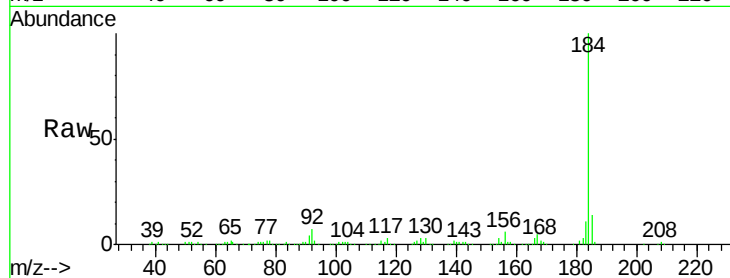
Tgt Ion:184 Resp: 433333

Ion Ratio Lower Upper

184 100

185 13.9 11.7 17.5

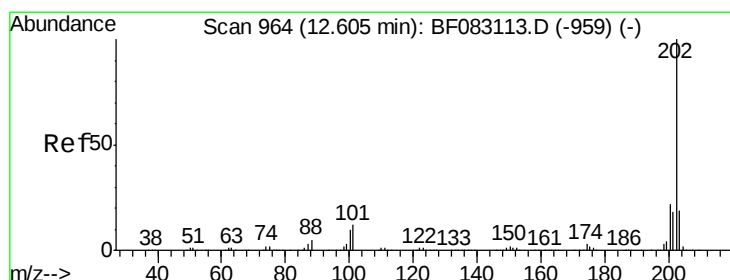
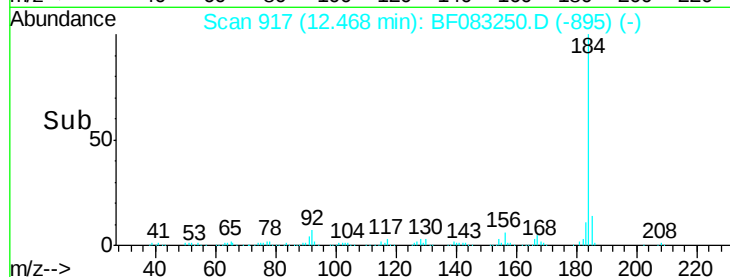
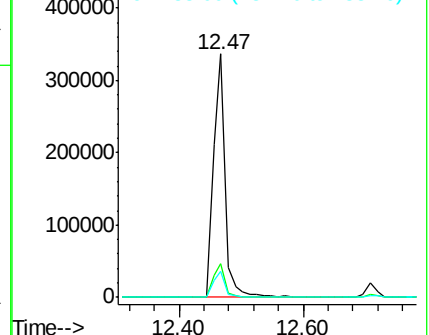
183 10.8 8.8 13.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 41.05 ng

RT: 12.56 min Scan# 925

Delta R.T. -0.05 min

Lab File: BF083250.D

Acq: 24 Nov 2015 21:40

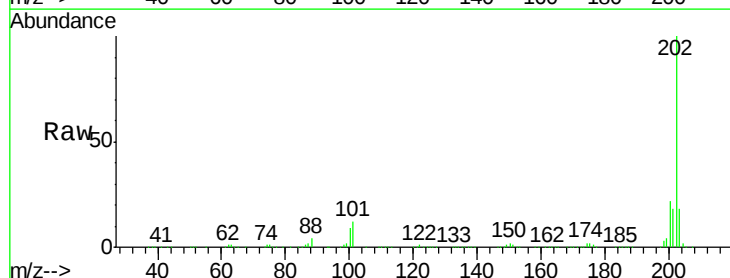
Tgt Ion:202 Resp: 1503519

Ion Ratio Lower Upper

202 100

200 21.9 17.8 26.6

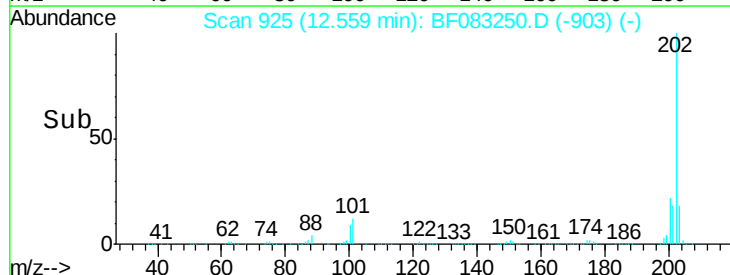
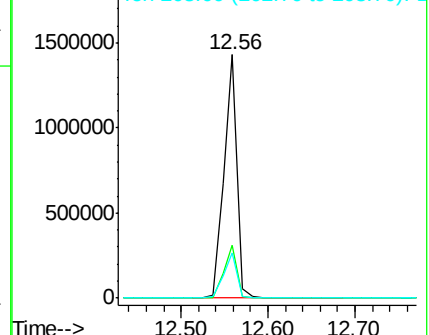
203 18.4 15.0 22.4

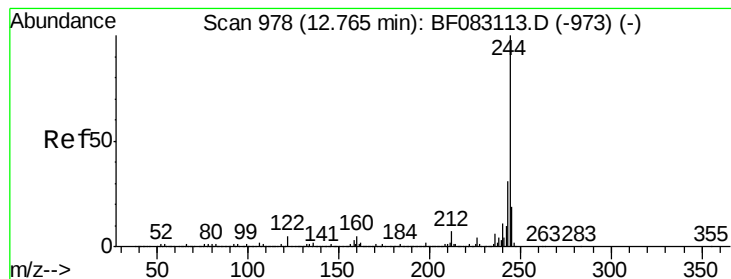


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 72.08 ng

RT: 12.71 min Scan# 938

Delta R.T. -0.06 min

Lab File: BF083250.D

Acq: 24 Nov 2015 21:40

Instrument :

BNA_F

ClientSampleId :

PB86773BS

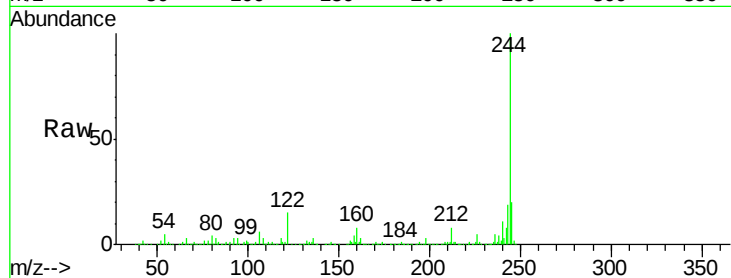
Tgt Ion:244 Resp: 1640923

Ion Ratio Lower Upper

244 100

212 8.0 5.4 8.2

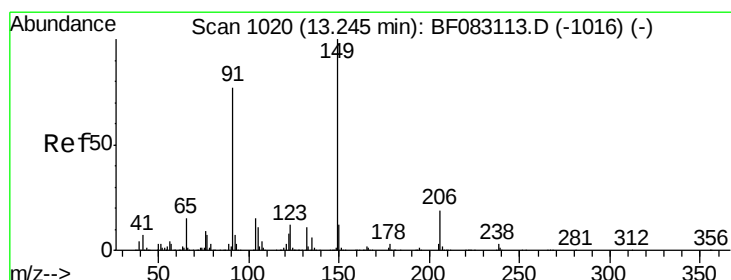
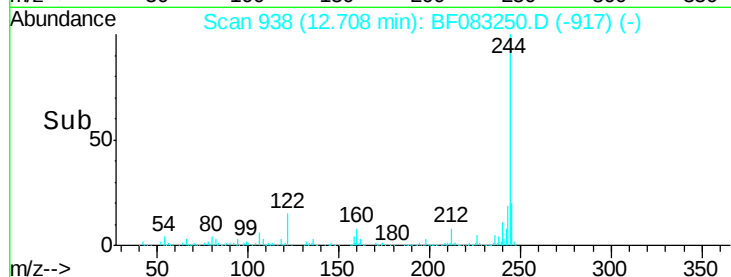
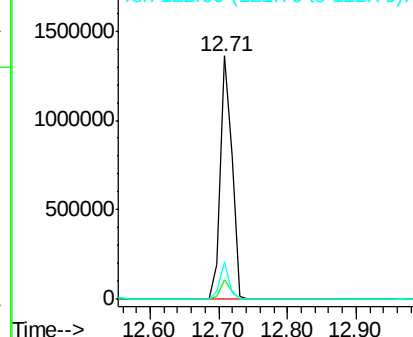
122 15.2 4.3 6.5#



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: 35.92 ng

RT: 13.20 min Scan# 981

Delta R.T. -0.05 min

Lab File: BF083250.D

Acq: 24 Nov 2015 21:40

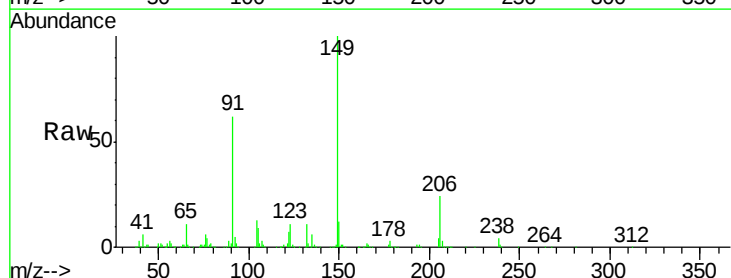
Tgt Ion:149 Resp: 622584

Ion Ratio Lower Upper

149 100

91 61.7 61.5 92.3

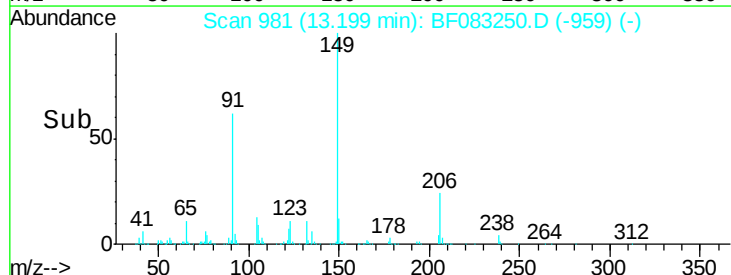
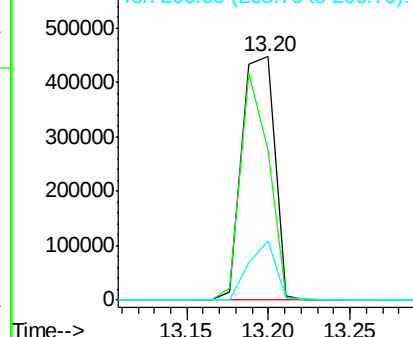
206 24.4 15.3 22.9#

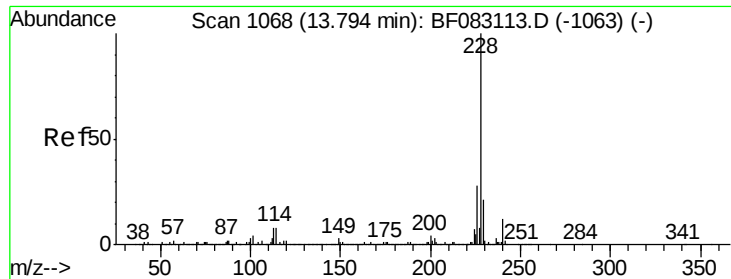


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 37.32 ng

RT: 13.74 min Scan# 1028

Delta R.T. -0.06 min

Lab File: BF083250.D

Acq: 24 Nov 2015 21:40

Instrument :

BNA_F

ClientSampleId :

PB86773BS

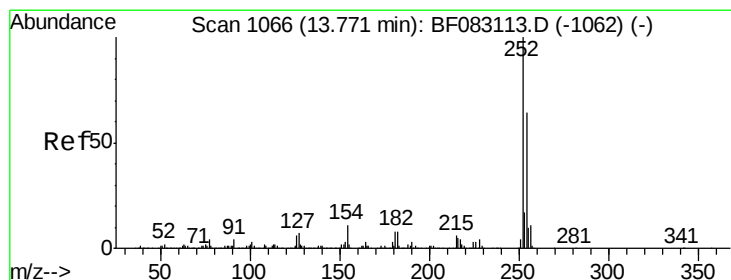
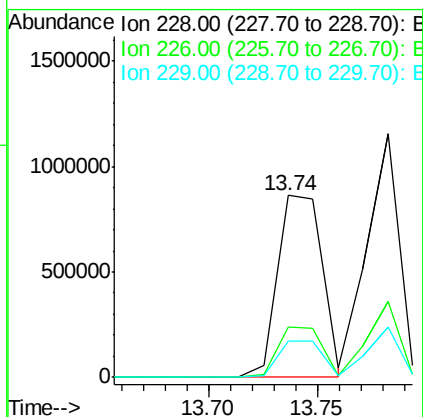
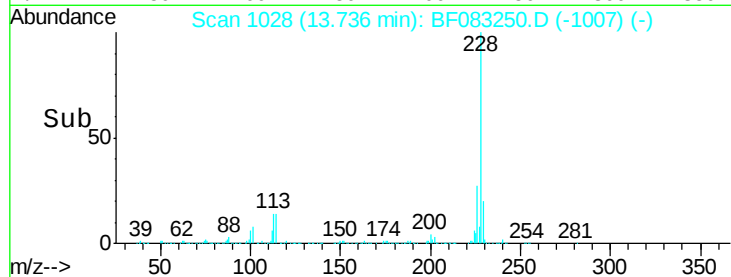
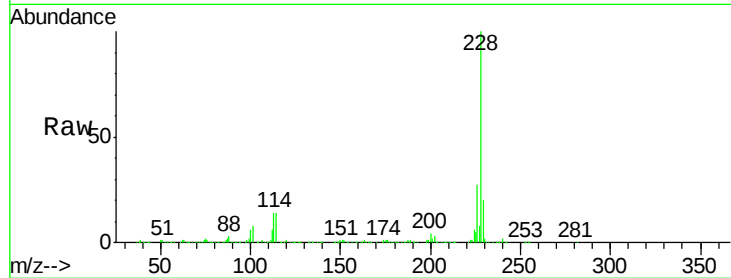
Tgt Ion:228 Resp: 1237528

Ion Ratio Lower Upper

228 100

226 27.5 22.6 33.8

229 20.2 16.6 24.8



#81

3,3'-Dichlorobenzidine

Concen: 21.97 ng

RT: 13.71 min Scan# 1026

Delta R.T. -0.06 min

Lab File: BF083250.D

Acq: 24 Nov 2015 21:40

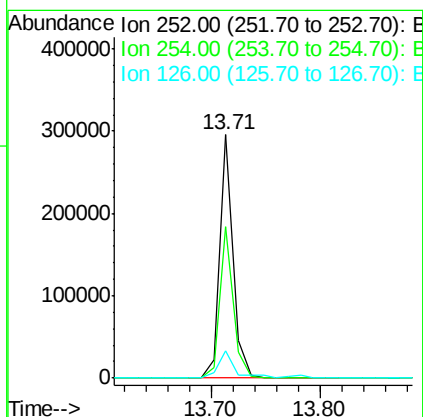
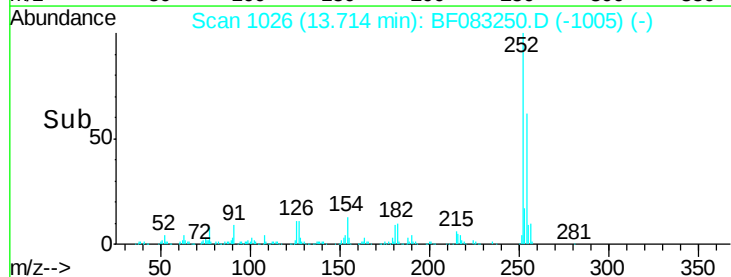
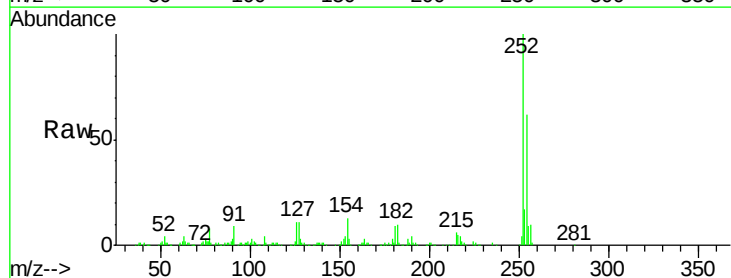
Tgt Ion:252 Resp: 253520

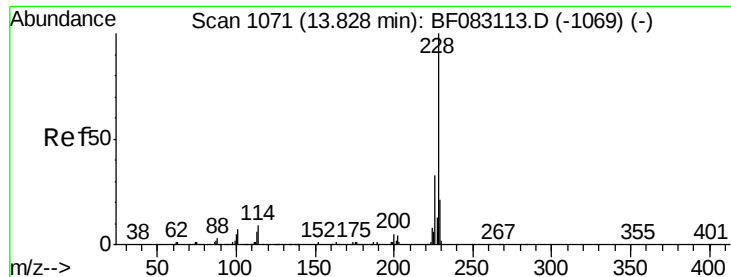
Ion Ratio Lower Upper

252 100

254 62.3 51.5 77.3

126 11.2 5.2 7.8#





#82

Chrysene

Concen: 38.97 ng

RT: 13.78 min Scan# 1032

Delta R.T. -0.05 min

Lab File: BF083250.D

Acq: 24 Nov 2015 21:40

Instrument :

BNA_F

ClientSampleId :

PB86773BS

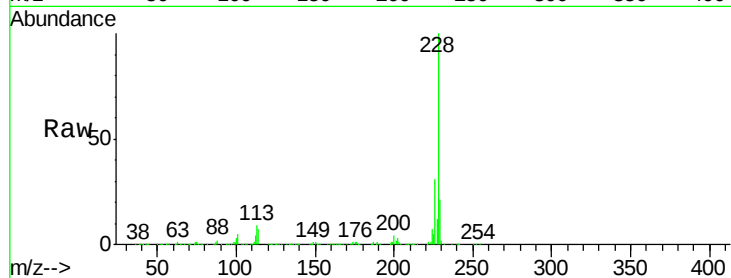
Tgt Ion:228 Resp: 1198262

Ion Ratio Lower Upper

228 100

226 31.1 25.5 38.3

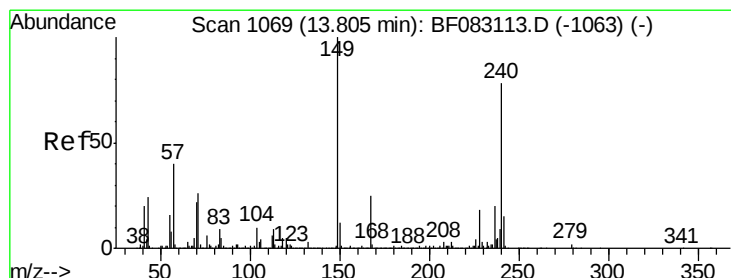
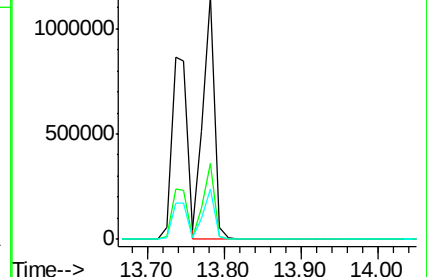
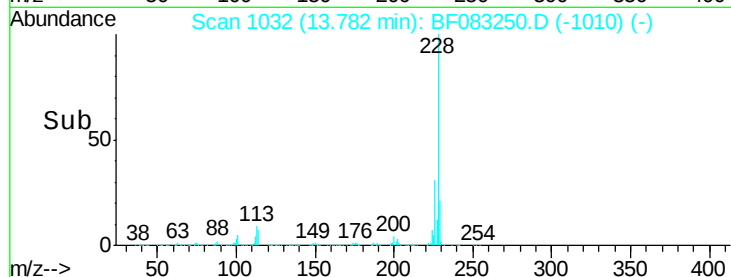
229 20.6 16.6 25.0



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: 36.44 ng

RT: 13.76 min Scan# 1030

Delta R.T. -0.05 min

Lab File: BF083250.D

Acq: 24 Nov 2015 21:40

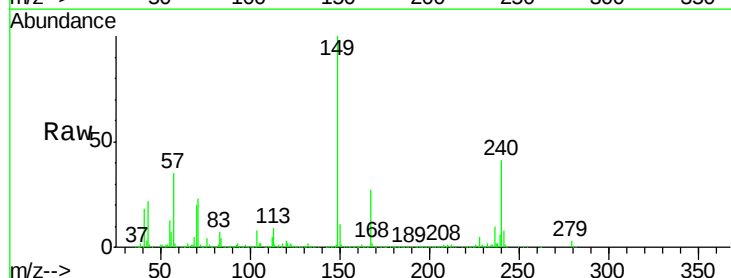
Tgt Ion:149 Resp: 824991

Ion Ratio Lower Upper

149 100

167 26.8 20.1 30.1

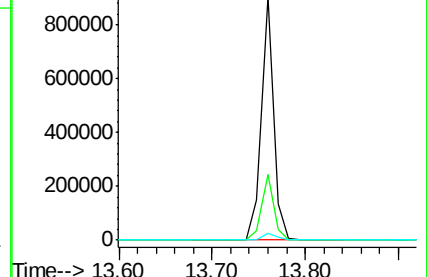
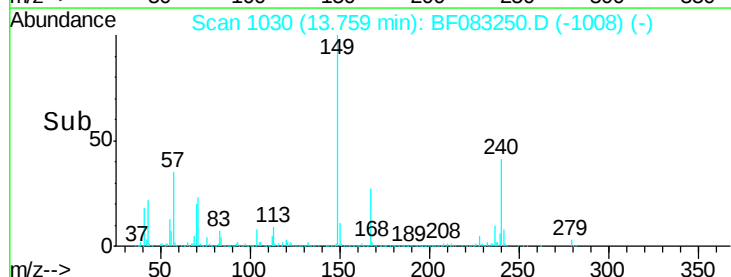
279 2.6 1.7 2.5#

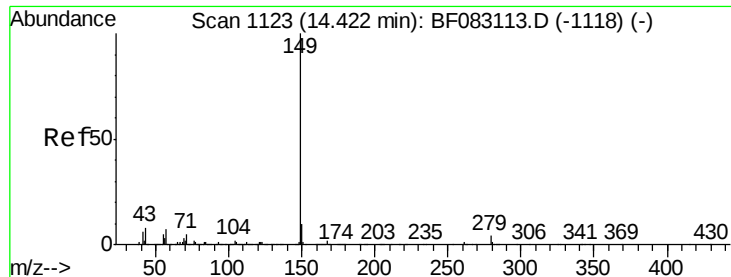


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

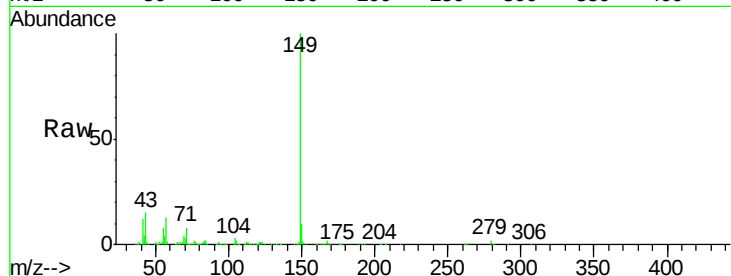




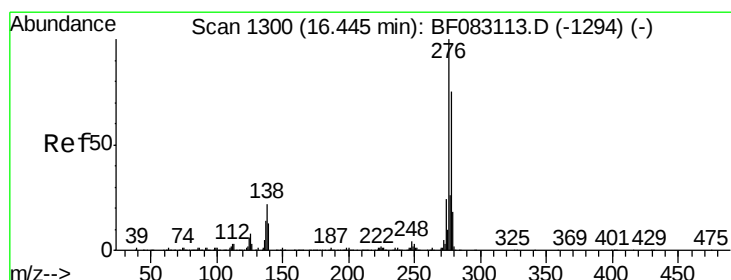
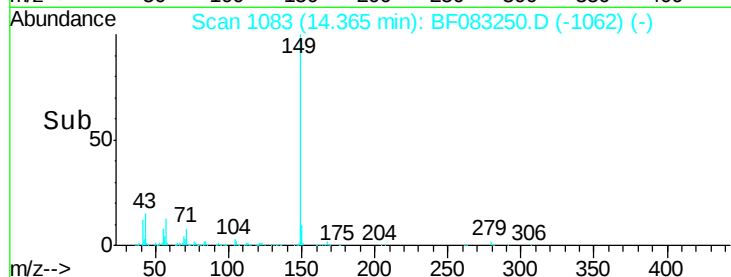
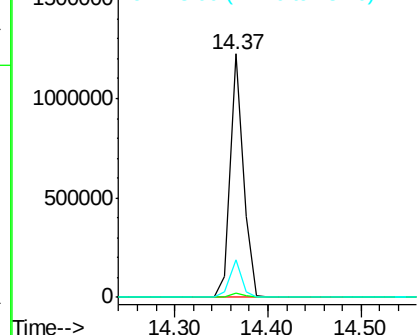
#84
 Di-n-octyl phthalate
 Concen: 30.85 ng
 RT: 14.37 min Scan# 1083
 Delta R.T. -0.06 min
 Lab File: BF083250.D
 Acq: 24 Nov 2015 21:40

Instrument :
 BNA_F
 ClientSampleId :
 PB86773BS

Tgt Ion:149 Resp: 1202440
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 14.2 9.5 14.3

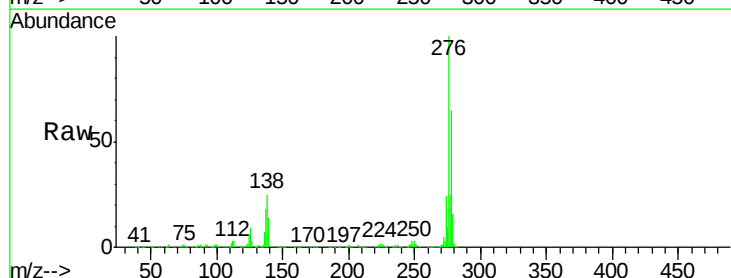


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

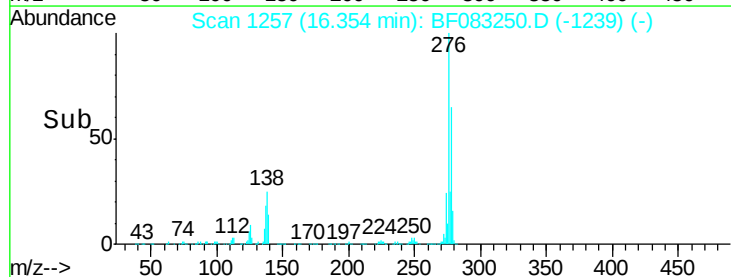
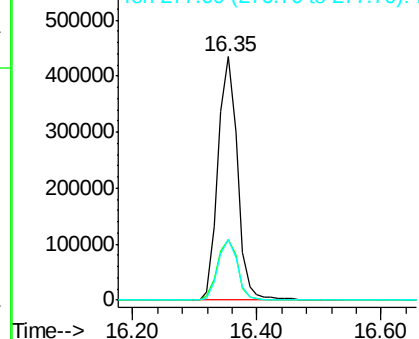


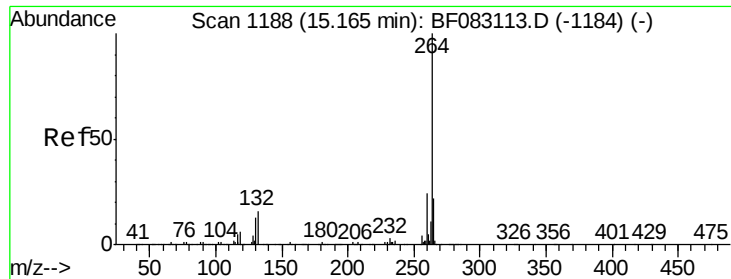
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.41 ng
 RT: 16.35 min Scan# 1257
 Delta R.T. -0.09 min
 Lab File: BF083250.D
 Acq: 24 Nov 2015 21:40

Tgt Ion:276 Resp: 934297
 Ion Ratio Lower Upper
 276 100
 138 26.2 18.0 27.0
 277 25.1 20.2 30.4



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

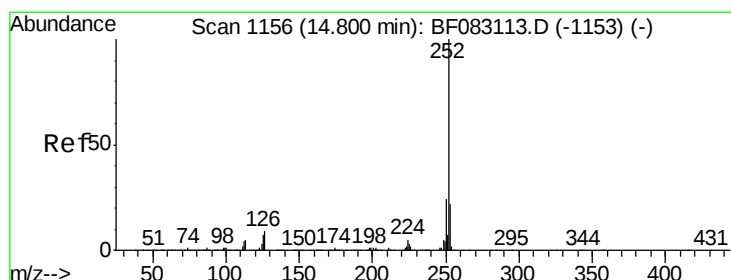
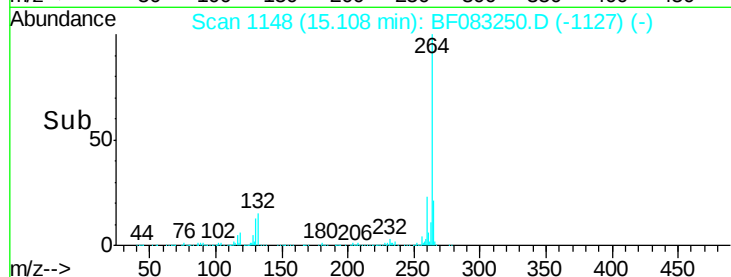
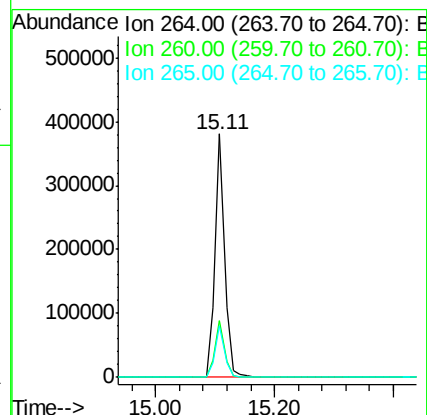
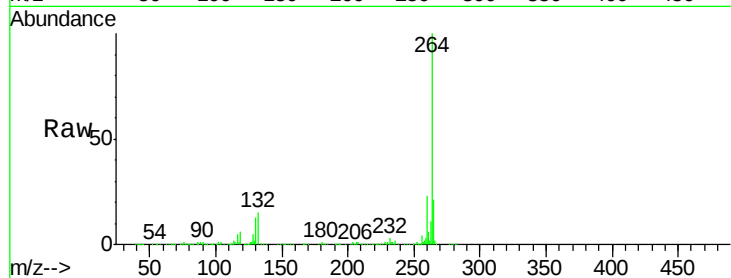




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1148
Delta R.T. -0.06 min
Lab File: BF083250.D
Acq: 24 Nov 2015 21:40

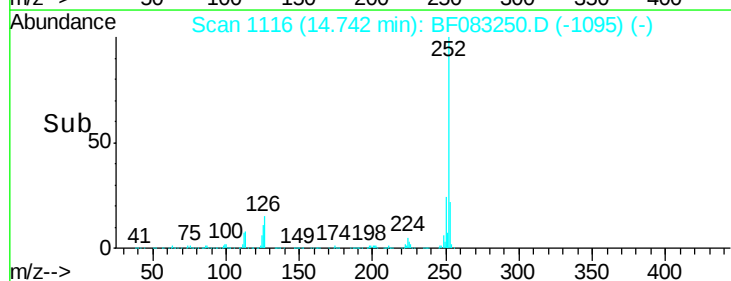
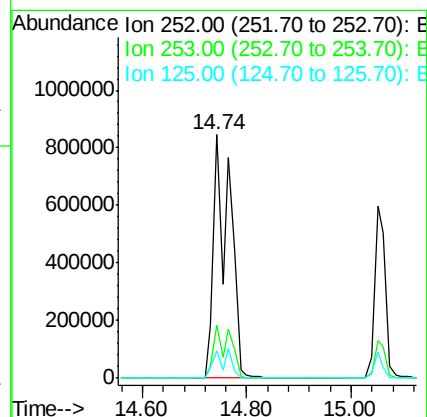
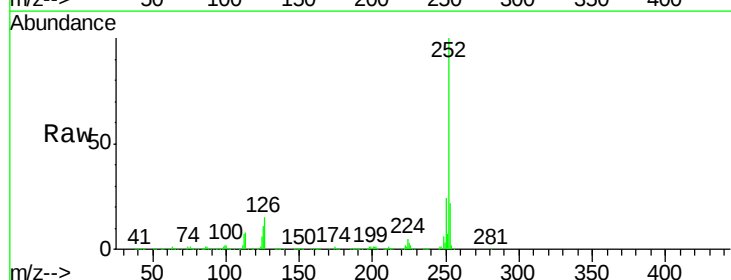
Instrument :
BNA_F
ClientSampleId :
PB86773BS

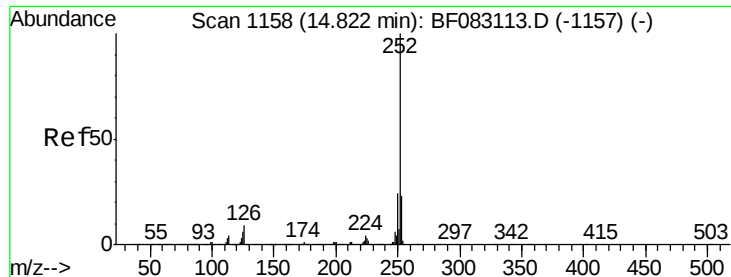
Tgt Ion: 264 Resp: 428656
Ion Ratio Lower Upper
264 100
260 23.3 19.1 28.7
265 21.1 18.2 27.4



#87
Benzo(b)fluoranthene
Concen: 61.56 ng
RT: 14.74 min Scan# 1116
Delta R.T. -0.06 min
Lab File: BF083250.D
Acq: 24 Nov 2015 21:40

Tgt Ion: 252 Resp: 1803097
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 11.2 5.6 8.4#

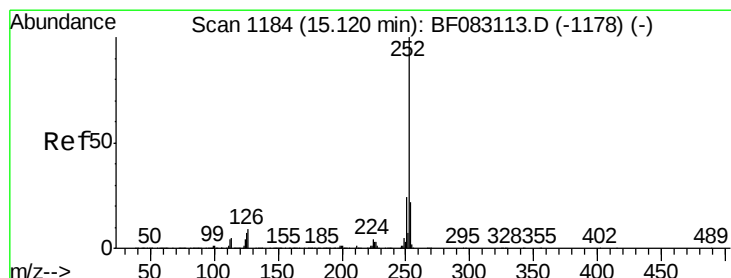
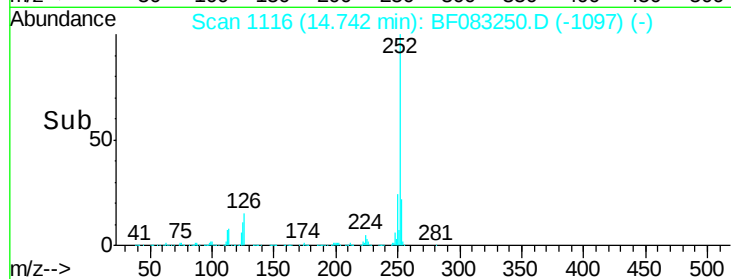
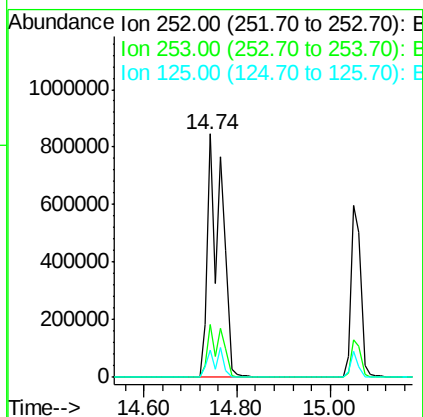
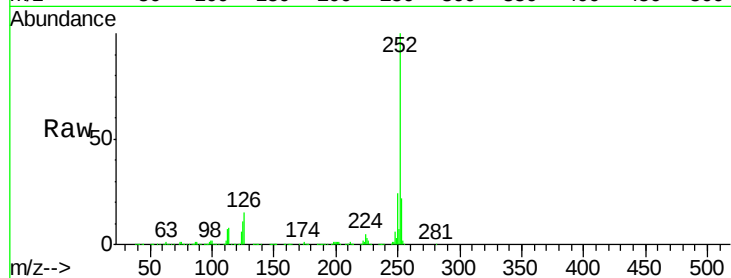




#88
Benzo(k)fluoranthene
Concen: 82.65 ng
RT: 14.74 min Scan# 1116
Delta R.T. -0.08 min
Lab File: BF083250.D
Acq: 24 Nov 2015 21:40

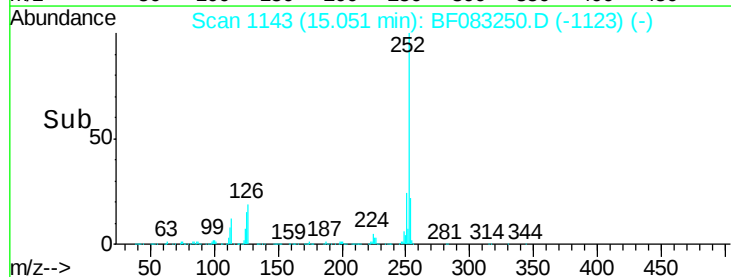
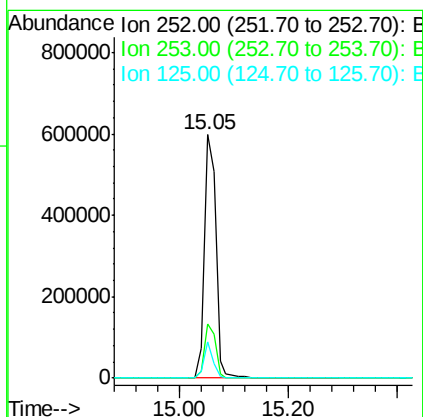
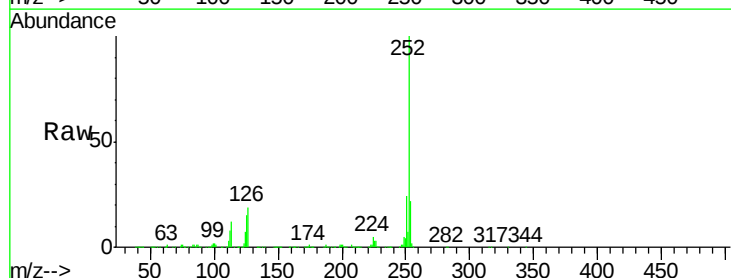
Instrument :
BNA_F
ClientSampled :
PB86773BS

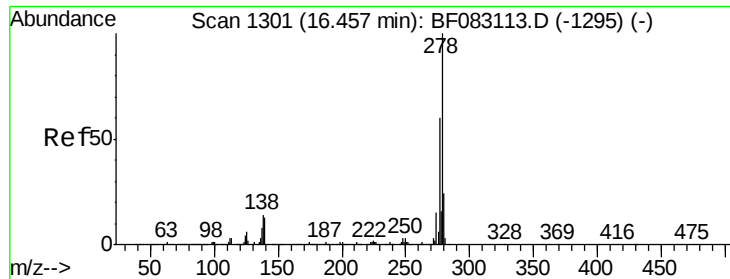
Tgt Ion:252 Resp: 1803636
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.2
125 11.2 6.8 10.2#



#89
Benzo(a)pyrene
Concen: 35.64 ng
RT: 15.05 min Scan# 1143
Delta R.T. -0.07 min
Lab File: BF083250.D
Acq: 24 Nov 2015 21:40

Tgt Ion:252 Resp: 861784
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 15.0 5.4 8.0#





#90

Dibenzo(a,h)anthracene

Concen: 35.63 ng

RT: 16.37 min Scan# 1258

Delta R.T. -0.09 min

Lab File: BF083250.D

Acq: 24 Nov 2015 21:40

Instrument :

BNA_F

ClientSampleId :

PB86773BS

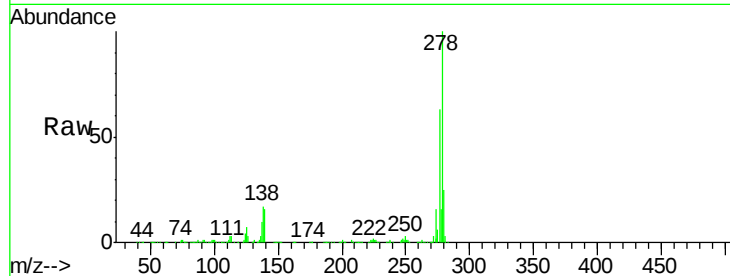
Tgt Ion:278 Resp: 782730

Ion Ratio Lower Upper

278 100

139 15.6 10.7 16.1

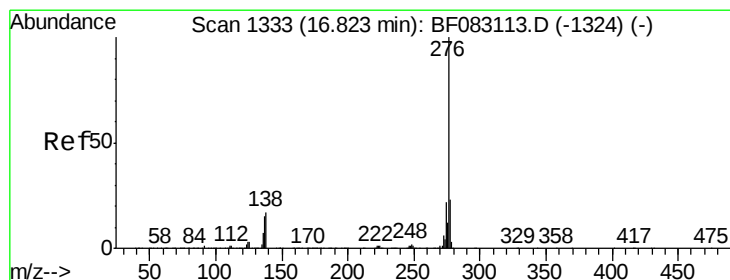
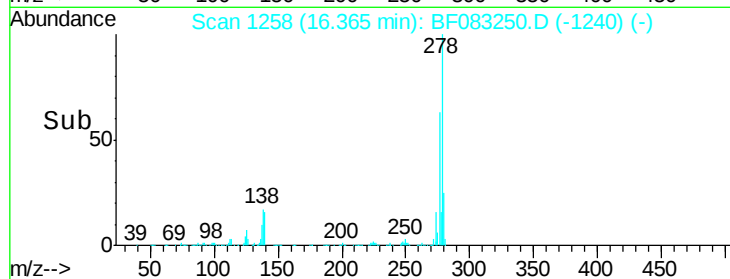
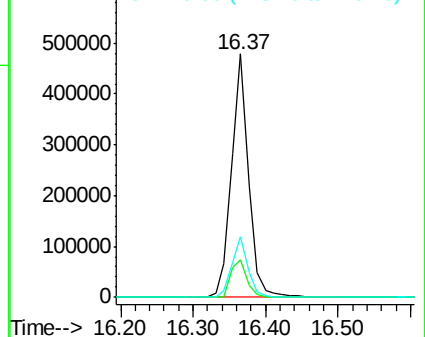
279 24.8 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 36.92 ng

RT: 16.72 min Scan# 1289

Delta R.T. -0.10 min

Lab File: BF083250.D

Acq: 24 Nov 2015 21:40

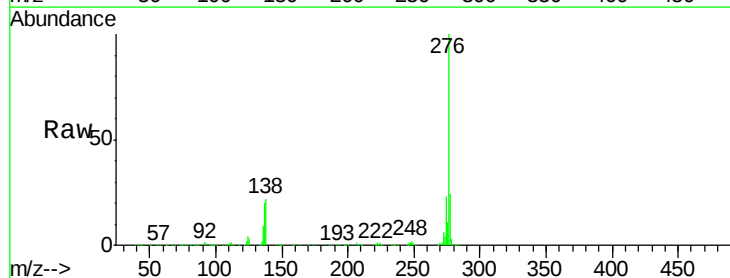
Tgt Ion:276 Resp: 791616

Ion Ratio Lower Upper

276 100

277 24.2 18.7 28.1

138 22.2 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

