

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\
 Data File : BF083202.D
 Acq On : 23 Nov 2015 14:08
 Operator : UM/IZ
 Sample : PB86620BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BSD

Quant Time: Nov 24 00:50:16 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	6.64	152	200879	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	787861	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	396454	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	731707	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	610649	20.00	ng	-0.02
86) Perylene-d12	15.14	264	521861	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.24	112	1034358	77.85	ng	-0.03
7) Phenol-d6	6.31	99	1325201	77.08	ng	-0.03
23) Nitrobenzene-d5	7.21	82	1242488	72.06	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	308003	75.94	ng	-0.02
44) 2-Fluorobiphenyl	9.02	172	2105411	74.05	ng	-0.01
78) Terphenyl-d14	12.74	244	1990355	76.75	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.20	88	202346	30.74	ng	91
3) Pyridine	2.87	79	550218	31.65	ng	98
4) n-Nitrosodimethylamine	2.81	42	311081	38.80	ng	98
6) Aniline	6.31	93	509676	24.26	ng	# 83
8) 2-Chlorophenol	6.43	128	554983	38.66	ng	91
9) Benzaldehyde	6.18	77	211288	21.33	ng	98
10) Phenol	6.32	94	760275	36.56	ng	83
11) bis(2-Chloroethyl)ether	6.39	93	615271	41.43	ng	98
12) 1,3-Dichlorobenzene	6.81	146	552112	33.68	ng	96
13) 1,4-Dichlorobenzene	6.58	146	581955	35.10	ng	94
14) 1,2-Dichlorobenzene	6.81	146	561414	37.25	ng	99
15) Benzyl Alcohol	6.80	79	497499	34.63	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.94	45	1029082	44.44	ng	# 69
17) 2-Methylphenol	6.92	107	446651	37.60	ng	99
18) Hexachloroethane	7.15	117	215992	36.98	ng	90
19) n-Nitroso-di-n-propylamine	7.07	70	476437	39.82	ng	96
20) 3+4-Methylphenols	7.08	107	615192	40.97	ng	95
22) Acetophenone	7.06	105	811864	35.89	ng	# 96
24) Nitrobenzene	7.23	77	680270	36.92	ng	95
25) Isophorone	7.47	82	1181503	36.19	ng	97
26) 2-Nitrophenol	7.55	139	302430	37.18	ng	97
27) 2,4-Dimethylphenol	7.61	122	511609	39.41	ng	94
28) bis(2-Chloroethoxy)methane	7.69	93	688307	36.26	ng	99
29) 2,4-Dichlorophenol	7.80	162	480369	38.91	ng	97
30) 1,2,4-Trichlorobenzene	7.87	180	480953	35.47	ng	96
31) Naphthalene	7.95	128	1570919	36.95	ng	99
32) Benzoic acid	7.76	122	336851	33.39	ng	97
33) 4-Chloroaniline	8.01	127	282075	17.10	ng	93
34) Hexachlorobutadiene	8.08	225	279059	34.82	ng	98
35) Caprolactam	8.43	113	40371	10.20	ng	95
36) 4-Chloro-3-methylphenol	8.51	107	502318	35.13	ng	87
37) 2-Methylnaphthalene	8.64	142	990135	35.88	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	463927	36.10	ng	98
40) Hexachlorocyclopentadiene	8.80	237	488798	66.90	ng	98

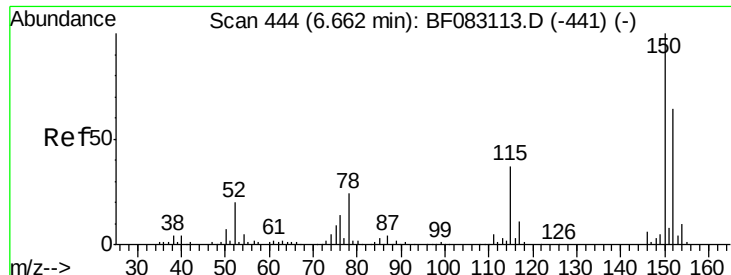
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	348341	37.85	ng	99
43) 2,4,5-Trichlorophenol	8.98	196	338522	35.98	ng	98
45) 1,1'-Biphenyl	9.11	154	1199109	35.54	ng	96
46) 2-Chloronaphthalene	9.13	162	1003993	37.88	ng	97
47) 2-Nitroaniline	9.23	65	348093	37.13	ng	97
48) Acenaphthylene	9.54	152	1552349	37.79	ng	100
49) Dimethylphthalate	9.43	163	1163305	38.11	ng	98
50) 2,6-Dinitrotoluene	9.47	165	241962	35.33	ng	99
51) Acenaphthene	9.71	154	950772	38.04	ng	100
52) 3-Nitroaniline	9.64	138	157583	21.58	ng	# 65
53) 2,4-Dinitrophenol	9.76	184	306641	77.72	ng	# 65
54) Dibenzofuran	9.88	168	1318004	37.29	ng	98
55) 4-Nitrophenol	9.84	139	386385	69.01	ng	95
56) 2,4-Dinitrotoluene	9.88	165	332601	38.33	ng	# 80
57) Fluorene	10.23	166	1115853	38.20	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.01	232	285745	37.02	ng	99
59) Diethylphthalate	10.11	149	1091398	35.92	ng	96
60) 4-Chlorophenyl-phenylether	10.23	204	487615	36.45	ng	# 77
61) 4-Nitroaniline	10.26	138	248678	34.59	ng	93
62) Azobenzene	10.38	77	1329249	38.33	ng	98
64) 4,6-Dinitro-2-methylphenol	10.28	198	199010	39.47	ng	80
65) n-Nitrosodiphenylamine	10.34	169	898035	36.09	ng	100
66) 4-Bromophenyl-phenylether	10.71	248	312261	38.46	ng	# 91
67) Hexachlorobenzene	10.78	284	336803	37.67	ng	# 79
68) Atrazine	10.88	200	285979	39.57	ng	98
69) Pentachlorophenol	10.97	266	387143	66.47	ng	98
70) Phenanthrene	11.18	178	1503269	35.66	ng	99
71) Anthracene	11.23	178	1708336	39.72	ng	99
72) Carbazole	11.39	167	1498451	39.20	ng	99
73) Di-n-butylphthalate	11.74	149	1767797	37.88	ng	# 98
74) Fluoranthene	12.35	202	1576842	36.55	ng	96
76) Benzidine	12.49	184	621301	38.82	ng	100
77) Pyrene	12.58	202	1571632	37.67	ng	99
79) Butylbenzylphthalate	13.22	149	718583	36.39	ng	# 89
80) Benzo(a)anthracene	13.77	228	1426982	37.78	ng	99
81) 3,3'-Dichlorobenzidine	13.74	252	326066	24.81	ng	# 94
82) Chrysene	13.81	228	1137316	32.47	ng	99
83) Bis(2-ethylhexyl)phthalate	13.78	149	940076	36.45	ng	97
84) Di-n-octyl phthalate	14.39	149	1580619	35.61	ng	96
85) Indeno(1,2,3-cd)pyrene	16.40	276	1078452	33.85	ng	96
87) Benzo(b)fluoranthene	14.80	252	2415057	67.73	ng	# 97
88) Benzo(k)fluoranthene	14.80	252	2415766	90.93	ng	99
89) Benzo(a)pyrene	15.09	252	1100708	37.39	ng	# 94
90) Dibenzo(a,h)anthracene	16.41	278	903724	33.79	ng	# 97
91) Benzo(g,h,i)perylene	16.78	276	882196	33.79	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 407

Delta R.T. -0.02 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

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PB86620BSD

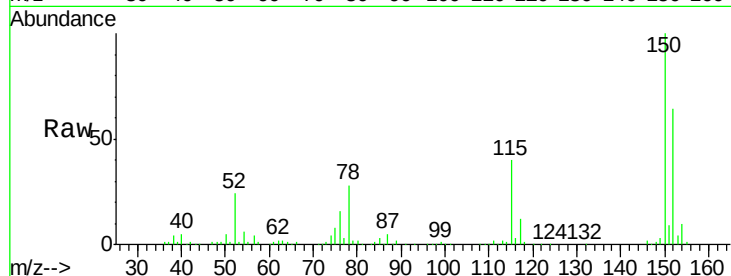
Tgt Ion: 152 Resp: 200879

Ion Ratio Lower Upper

152 100

150 156.6 125.8 188.8

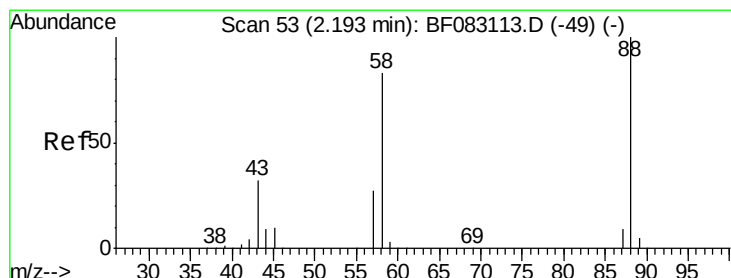
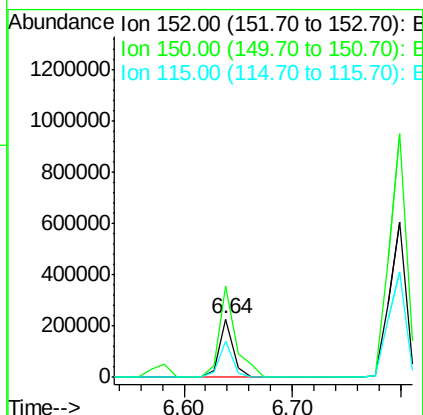
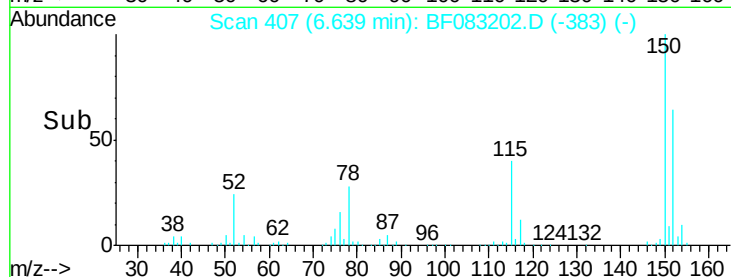
115 63.2 46.9 70.3



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: 30.74 ng

RT: 2.20 min Scan# 19

Delta R.T. 0.01 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

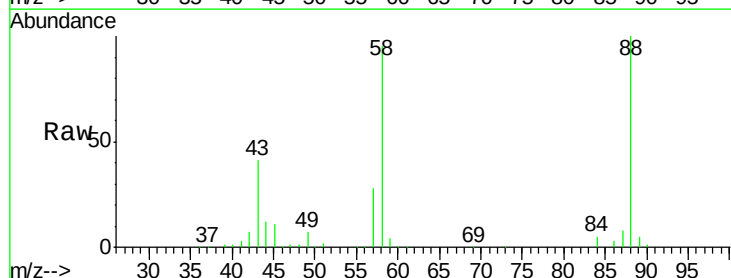
Tgt Ion: 88 Resp: 202346

Ion Ratio Lower Upper

88 100

58 89.8 65.0 97.6

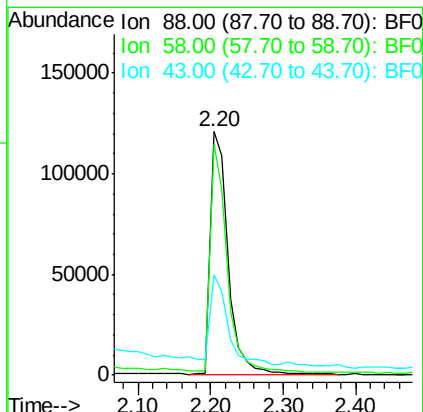
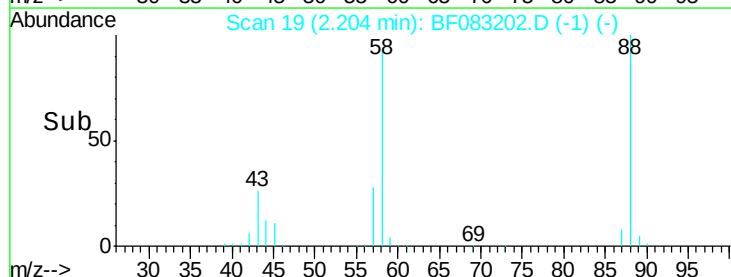
43 35.5 24.7 37.1

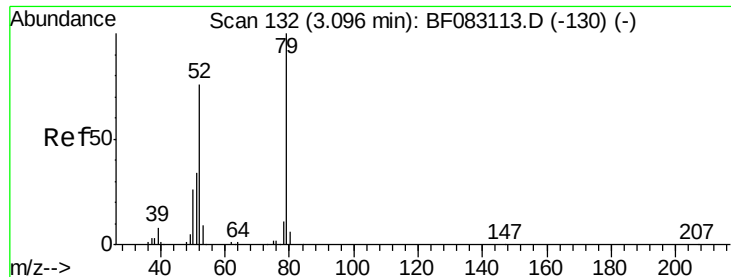


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 31.65 ng

RT: 2.87 min Scan# 77

Delta R.T. -0.23 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

Instrument :

BNA_F

ClientSampleId :

PB86620BSD

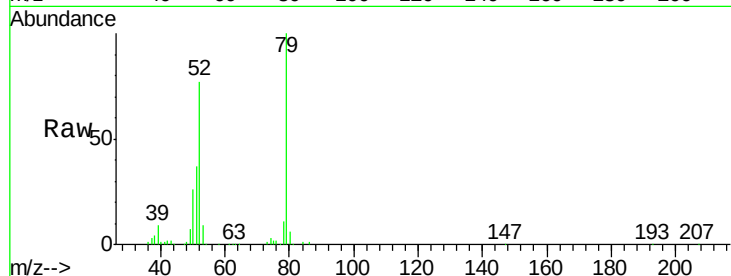
Tgt Ion: 79 Resp: 550218

Ion Ratio Lower Upper

79 100

52 77.4 60.7 91.1

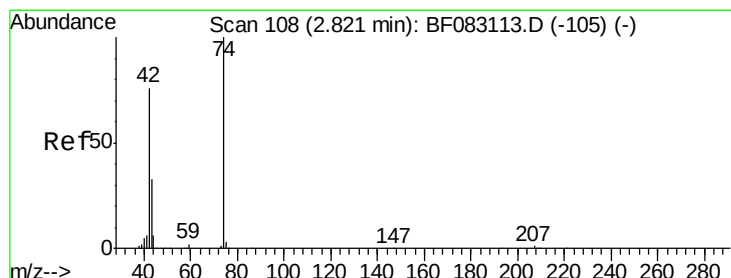
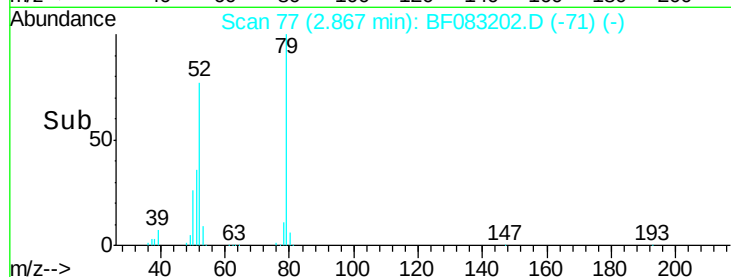
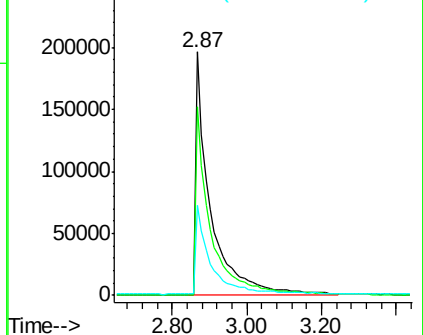
51 37.1 27.9 41.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 38.80 ng

RT: 2.81 min Scan# 72

Delta R.T. -0.01 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

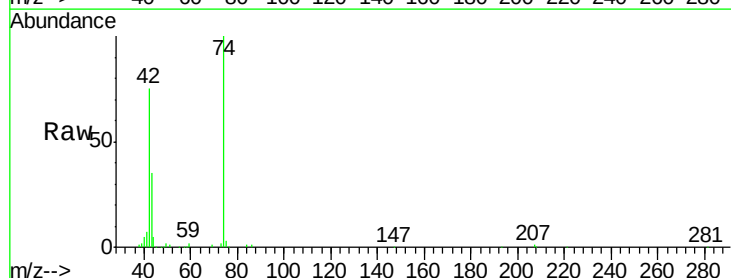
Tgt Ion: 42 Resp: 311081

Ion Ratio Lower Upper

42 100

74 133.9 104.8 157.2

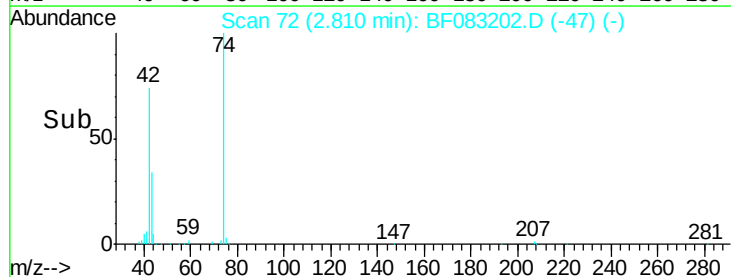
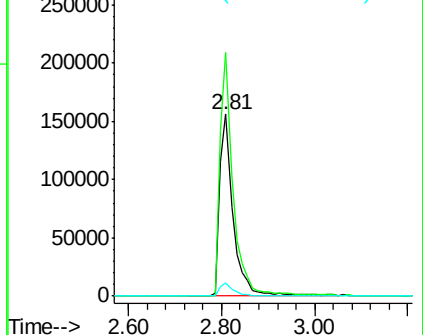
44 7.1 6.2 9.4

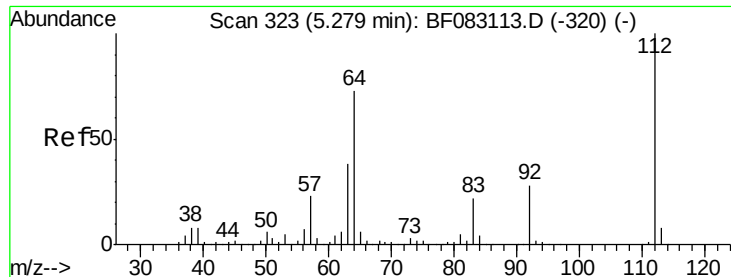


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 77.85 ng

RT: 5.24 min Scan# 285

Delta R.T. -0.03 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

Instrument :

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PB86620BSD

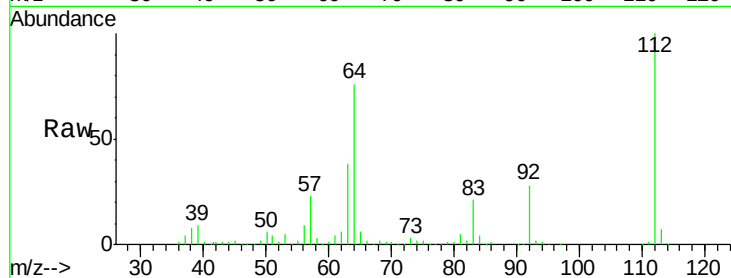
Tgt Ion: 112 Resp: 1034358

Ion Ratio Lower Upper

112 100

64 75.5 58.4 87.6

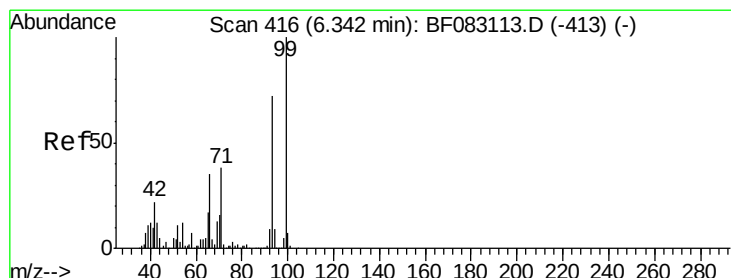
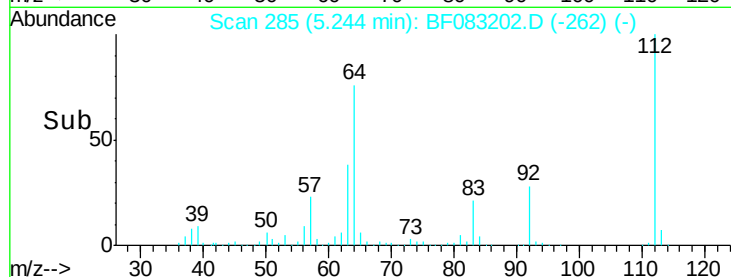
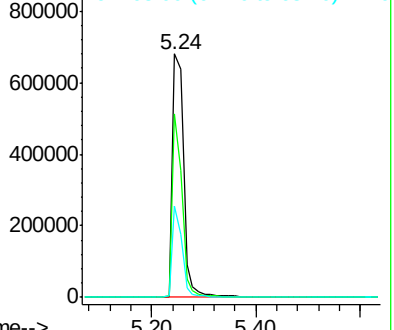
63 37.7 30.0 45.0



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: 24.26 ng

RT: 6.31 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

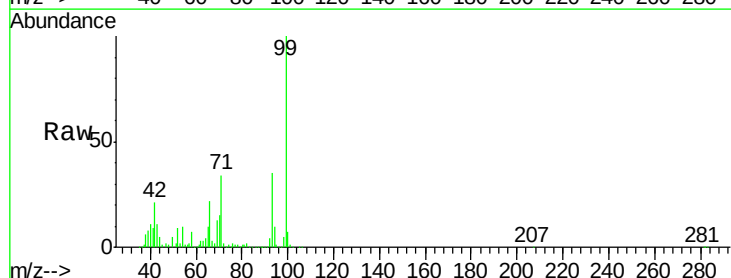
Tgt Ion: 93 Resp: 509676

Ion Ratio Lower Upper

93 100

66 61.6 38.7 58.1#

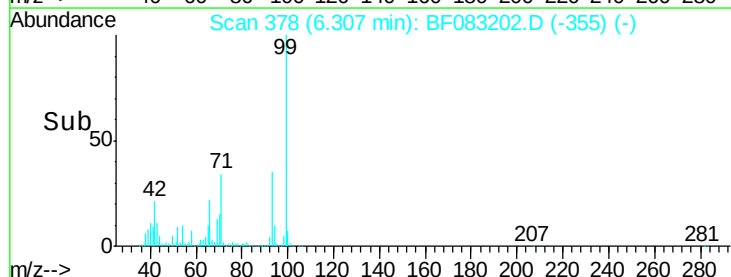
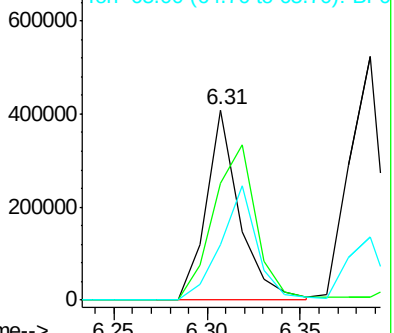
65 29.5 18.6 27.8#

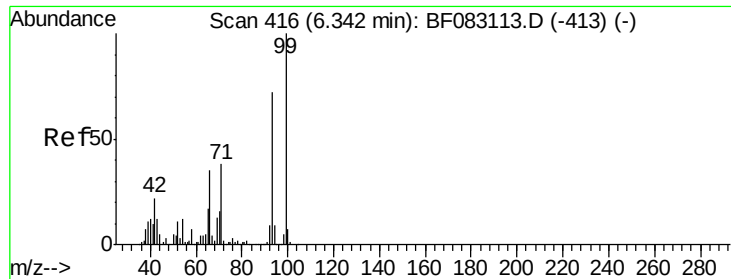


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 77.08 ng

RT: 6.31 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

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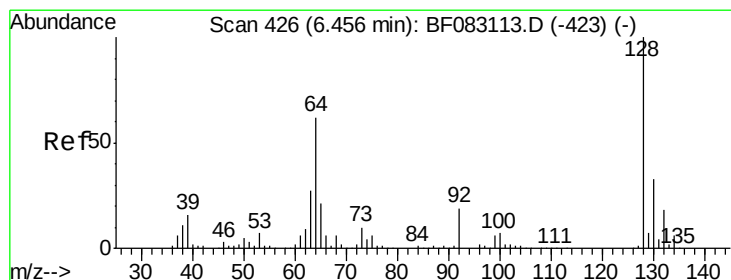
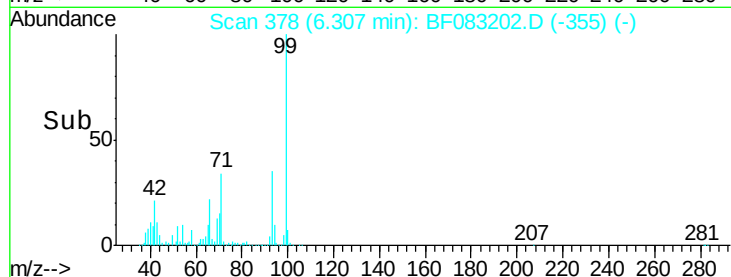
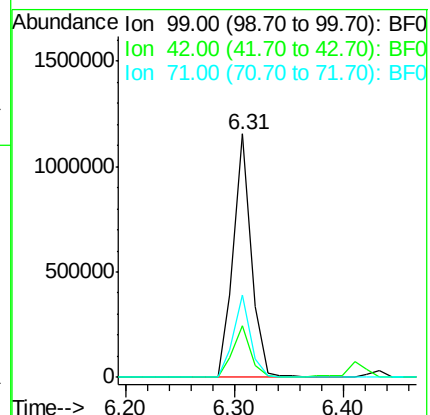
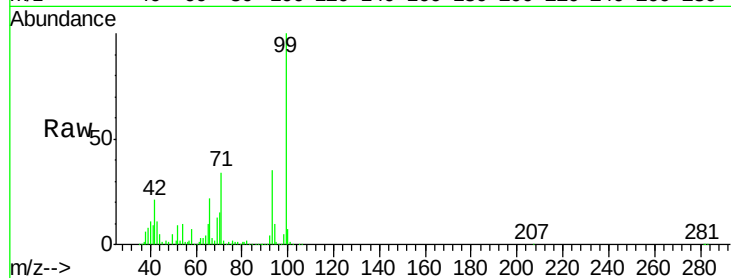
Tgt Ion: 99 Resp: 1325201

Ion Ratio Lower Upper

99 100

42 21.4 17.7 26.5

71 33.6 30.2 45.4



#8

2-Chlorophenol

Concen: 38.66 ng

RT: 6.43 min Scan# 389

Delta R.T. -0.02 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

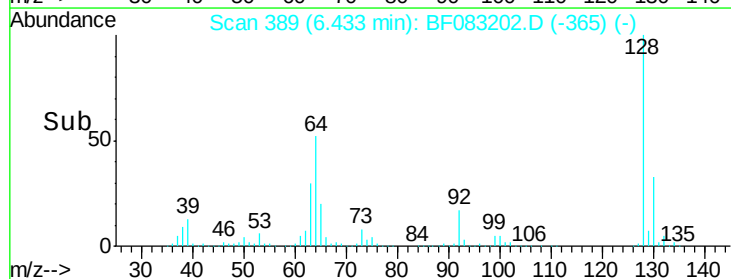
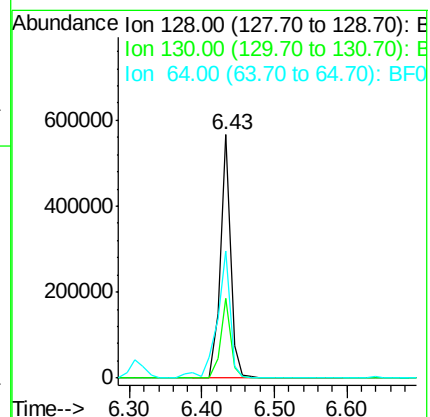
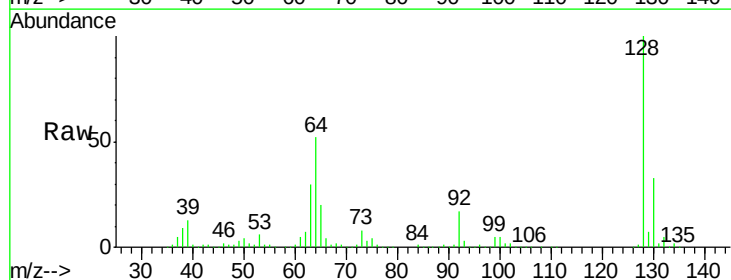
Tgt Ion: 128 Resp: 554983

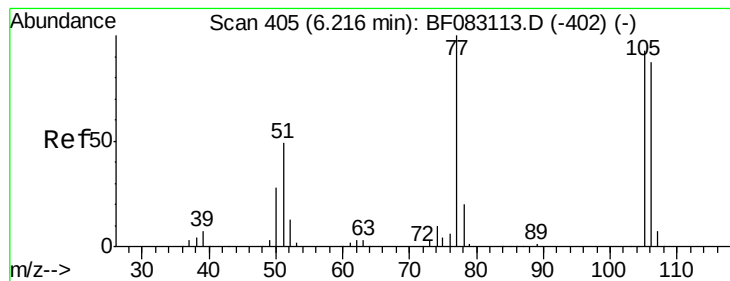
Ion Ratio Lower Upper

128 100

130 32.8 12.6 52.6

64 52.0 41.9 81.9





#9

Benzaldehyde

Concen: 21.33 ng

RT: 6.18 min Scan# 367

Delta R.T. -0.03 min

Lab File: BF083202.D

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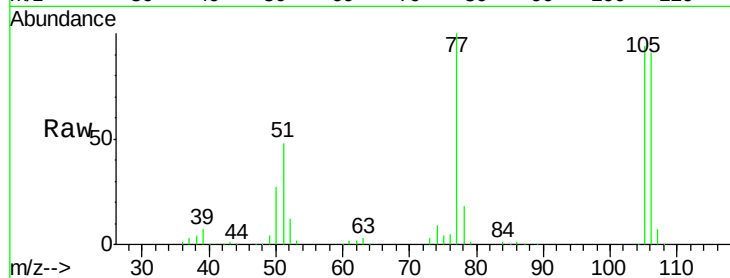
Tgt Ion: 77 Resp: 211288

Ion Ratio Lower Upper

77 100

105 94.0 73.4 113.4

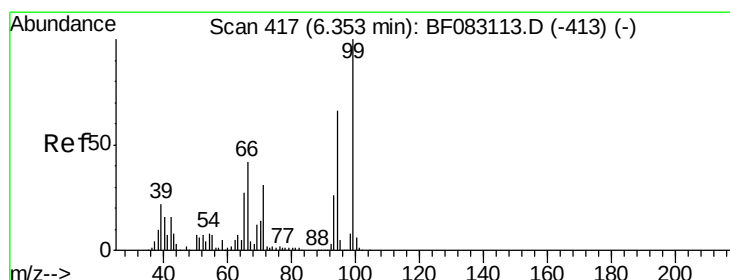
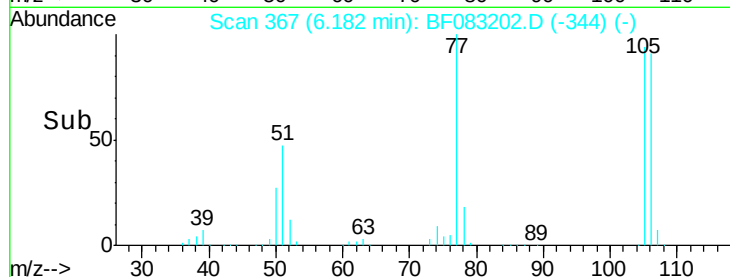
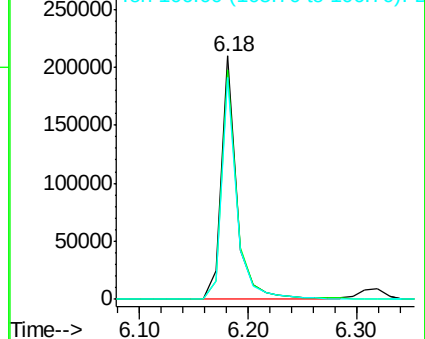
106 90.9 67.5 107.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 36.56 ng

RT: 6.32 min Scan# 379

Delta R.T. -0.03 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

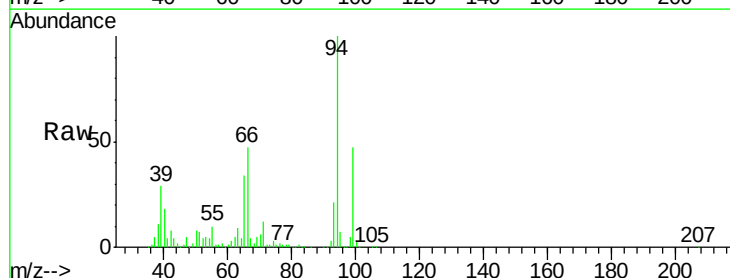
Tgt Ion: 94 Resp: 760275

Ion Ratio Lower Upper

94 100

65 34.2 21.1 61.1

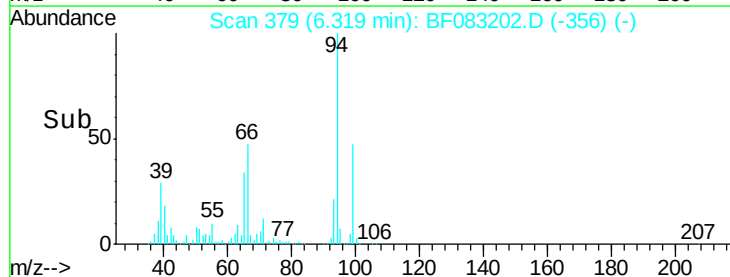
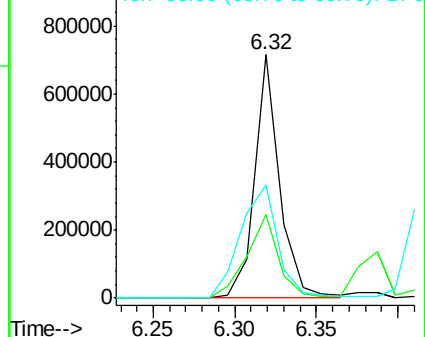
66 46.7 43.1 83.1

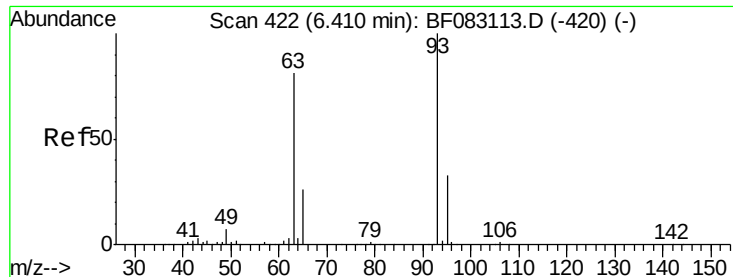


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

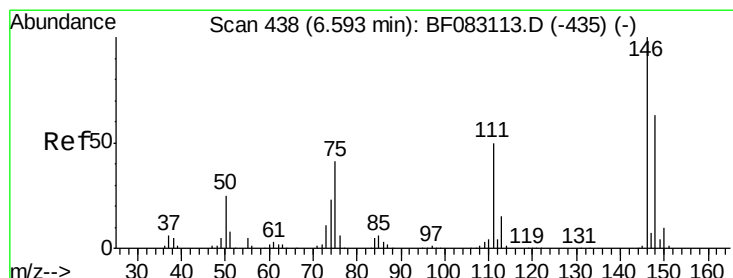
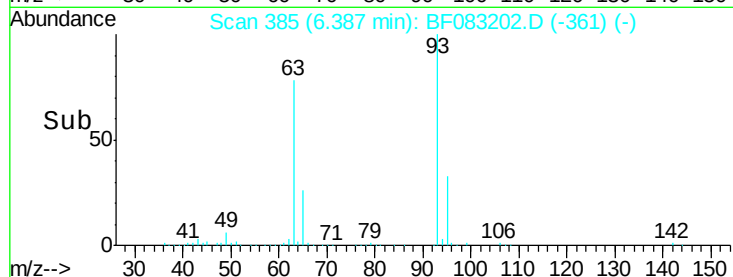
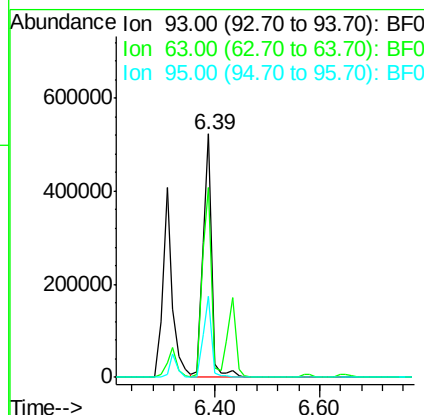
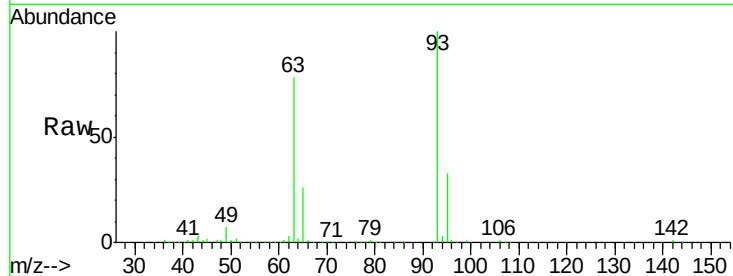




#11
 bis(2-Chloroethyl)ether
 Concen: 41.43 ng
 RT: 6.39 min Scan# 385
 Delta R.T. -0.02 min
 Lab File: BF083202.D
 Acq: 23 Nov 2015 14:08

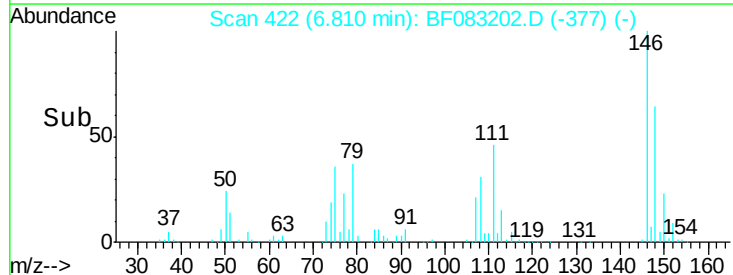
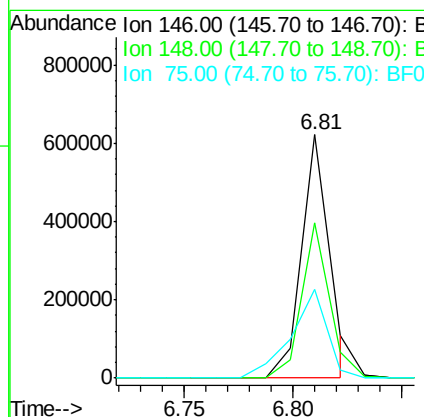
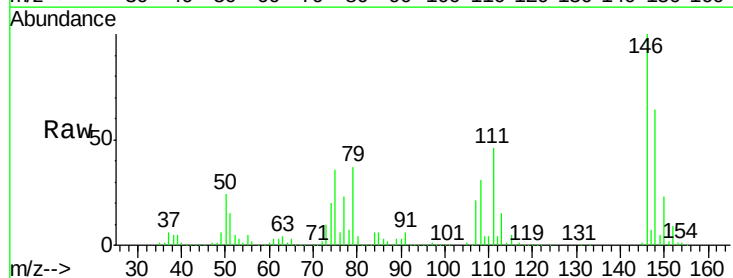
Instrument :
 BNA_F
 ClientSampleId :
 PB86620BSD

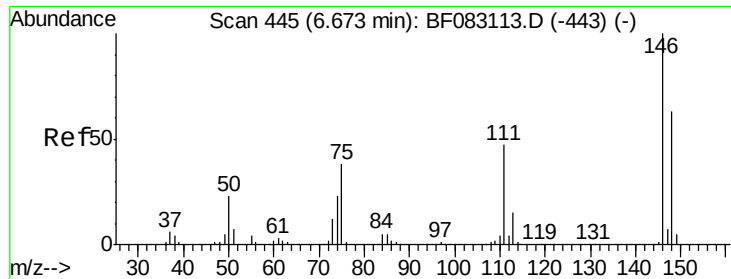
Tgt Ion:	93	Resp:	615271
Ion	Ratio	Lower	Upper
93	100		
63	77.9	59.8	99.8
95	33.5	13.0	53.0



#12
 1,3-Dichlorobenzene
 Concen: 33.68 ng
 RT: 6.81 min Scan# 422
 Delta R.T. 0.22 min
 Lab File: BF083202.D
 Acq: 23 Nov 2015 14:08

Tgt Ion:	146	Resp:	552112
Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.2	75.2
75	36.3	32.7	49.1

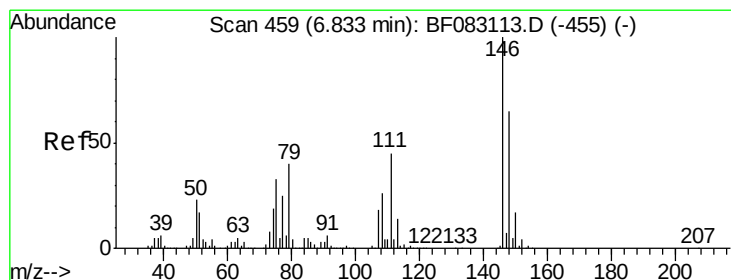
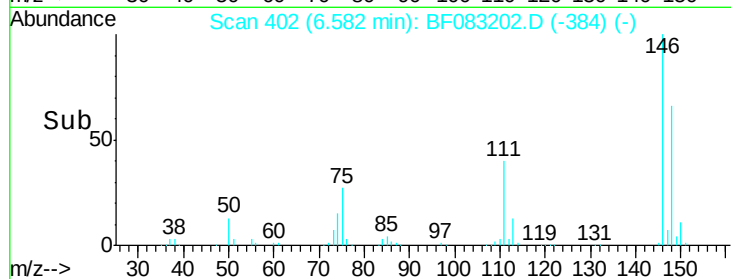
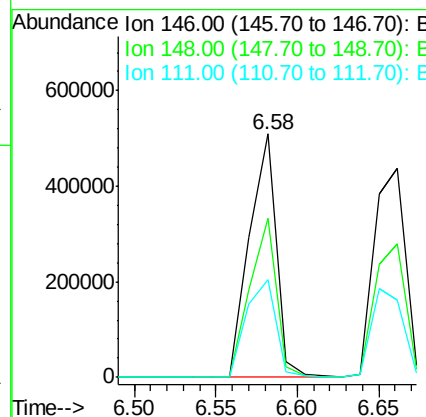
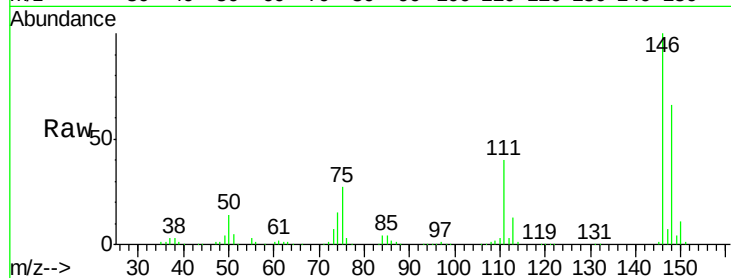




#13
 1,4-Dichlorobenzene
 Concen: 35.10 ng
 RT: 6.58 min Scan# 402
 Delta R.T. -0.09 min
 Lab File: BF083202.D
 Acq: 23 Nov 2015 14:08

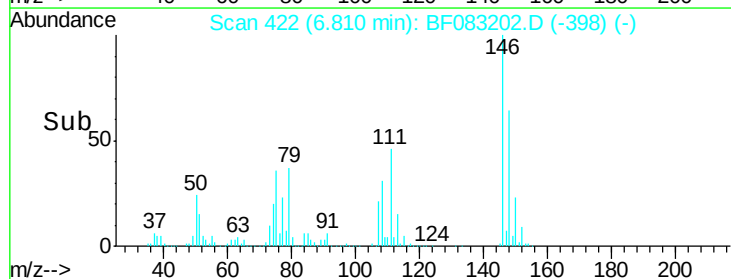
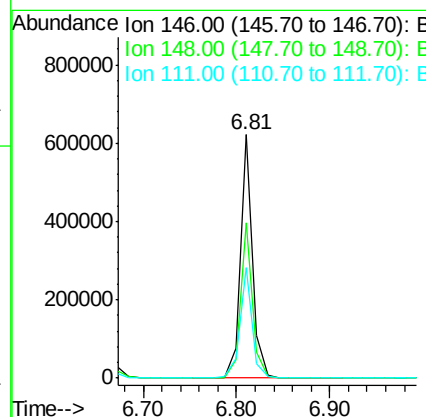
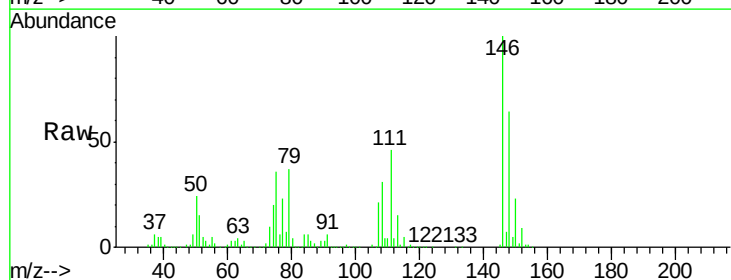
Instrument :
 BNA_F
 ClientSampleId :
 PB86620BSD

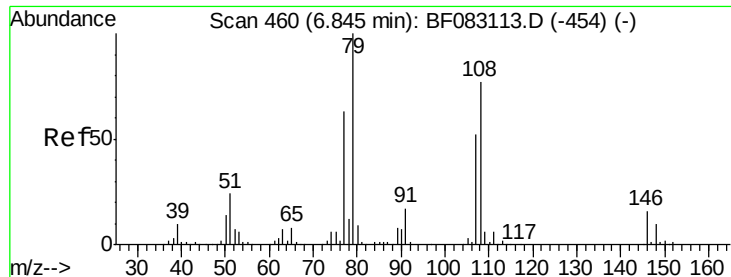
Tgt Ion:146 Resp: 581955
 Ion Ratio Lower Upper
 146 100
 148 65.5 50.2 75.2
 111 40.1 37.5 56.3



#14
 1,2-Dichlorobenzene
 Concen: 37.25 ng
 RT: 6.81 min Scan# 422
 Delta R.T. -0.02 min
 Lab File: BF083202.D
 Acq: 23 Nov 2015 14:08

Tgt Ion:146 Resp: 561414
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.8 77.6
 111 45.6 36.2 54.4

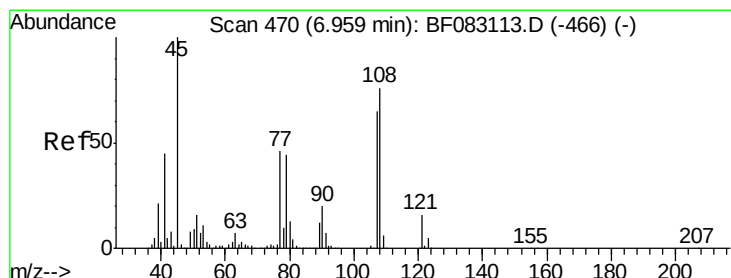
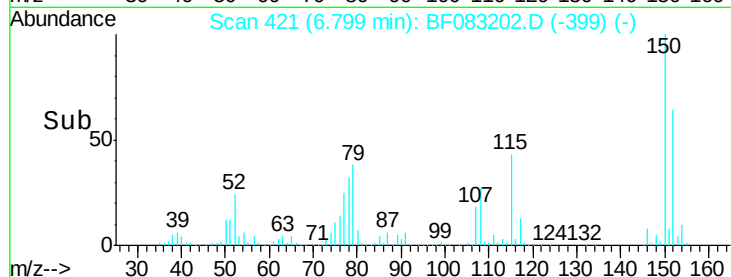
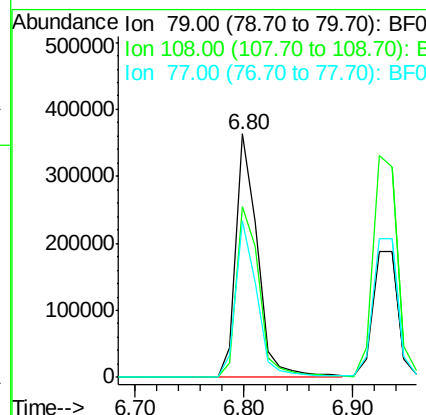
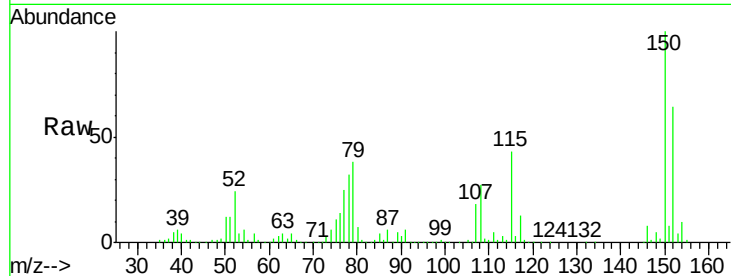




#15
Benzyl Alcohol
Concen: 34.63 ng
RT: 6.80 min Scan# 421
Delta R.T. -0.05 min
Lab File: BF083202.D
Acq: 23 Nov 2015 14:08

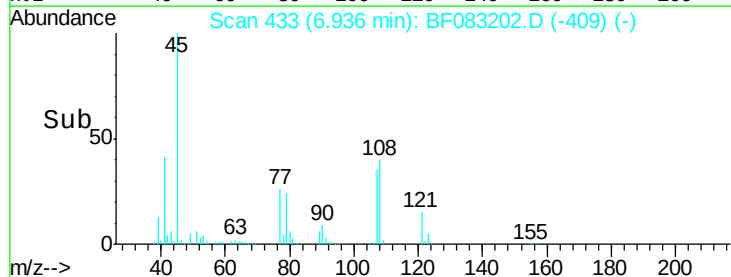
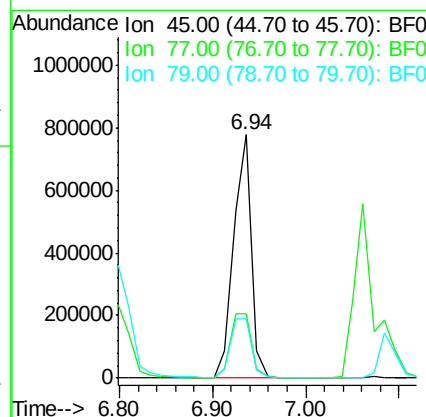
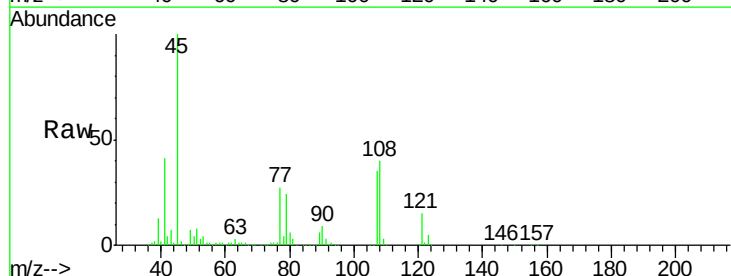
Instrument :
BNA_F
ClientSampleId :
PB86620BSD

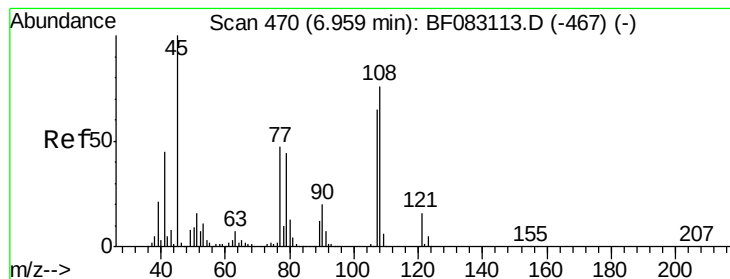
Tgt Ion: 79 Resp: 497499
Ion Ratio Lower Upper
79 100
108 70.2 61.4 92.2
77 64.1 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.44 ng
RT: 6.94 min Scan# 433
Delta R.T. -0.02 min
Lab File: BF083202.D
Acq: 23 Nov 2015 14:08

Tgt Ion: 45 Resp: 1029082
Ion Ratio Lower Upper
45 100
77 26.5 26.7 66.7#
79 24.1 24.3 64.3#





#17

2-Methylphenol

Concen: 37.60 ng

RT: 6.92 min Scan# 432

Delta R.T. -0.03 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

Instrument :

BNA_F

ClientSampleId :

PB86620BSD

Tgt Ion:107 Resp: 446651

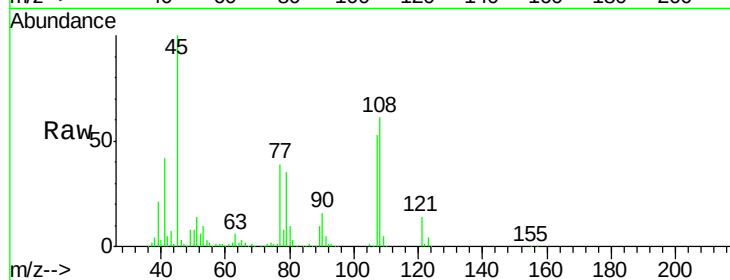
Ion Ratio Lower Upper

107 100

108 116.3 93.8 140.6

77 72.9 57.4 86.0

79 66.2 54.4 81.6

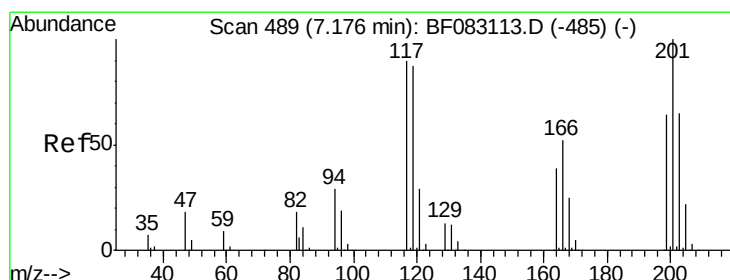
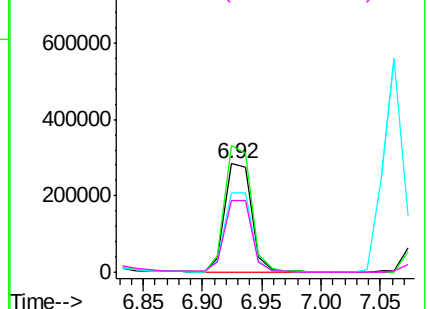
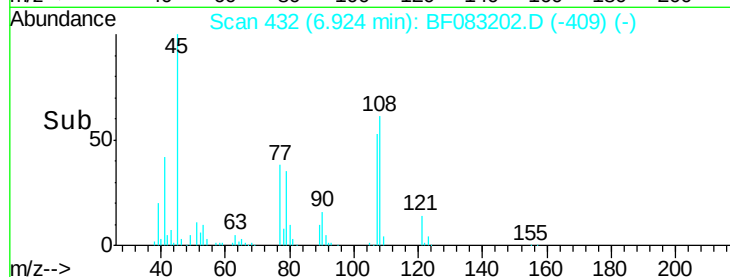


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 36.98 ng

RT: 7.15 min Scan# 452

Delta R.T. -0.02 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

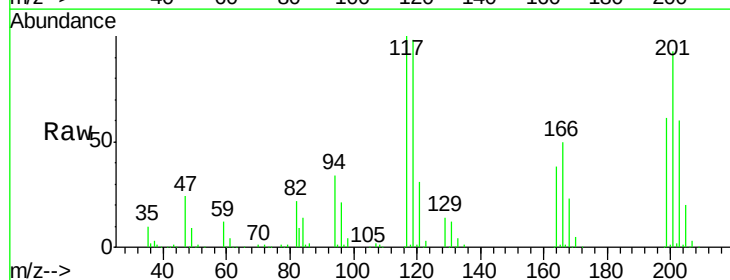
Tgt Ion:117 Resp: 215992

Ion Ratio Lower Upper

117 100

119 98.1 76.8 115.2

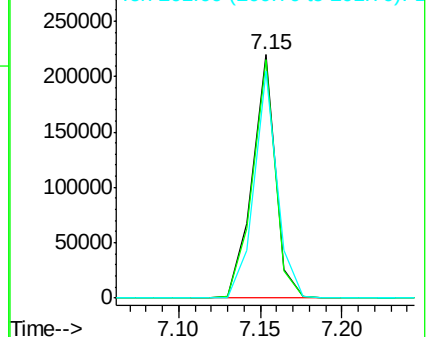
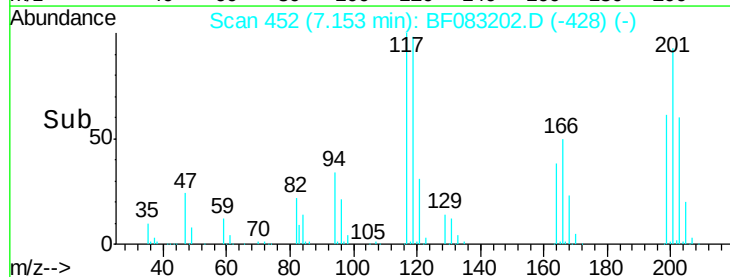
201 93.0 88.6 133.0

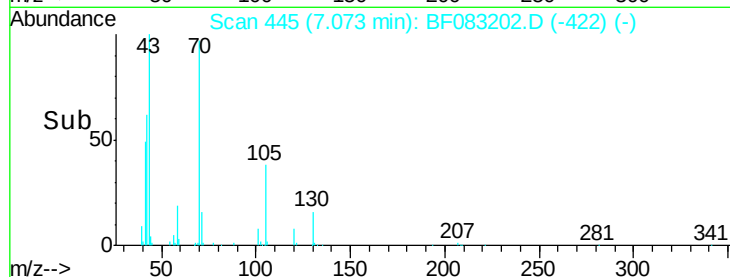
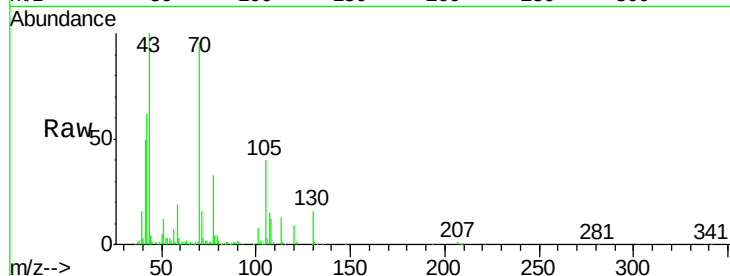
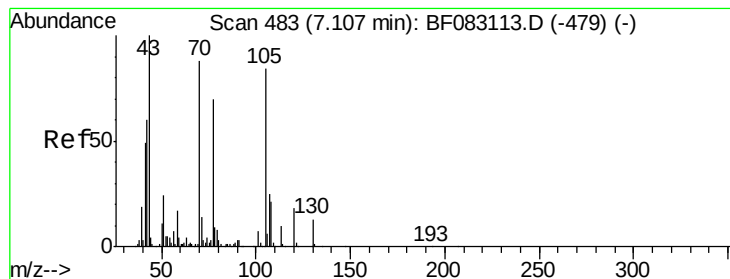


Abundance Ion 117.00 (116.70 to 117.70): E

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: 39.82 ng

RT: 7.07 min Scan# 445

Delta R.T. -0.03 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

Instrument :

BNA_F

ClientSampleId :

PB86620BSD

Tgt Ion: 70 Resp: 476437

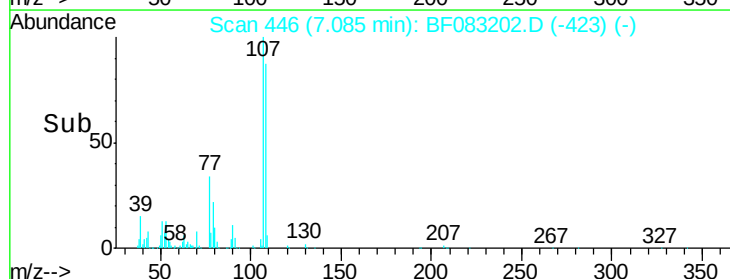
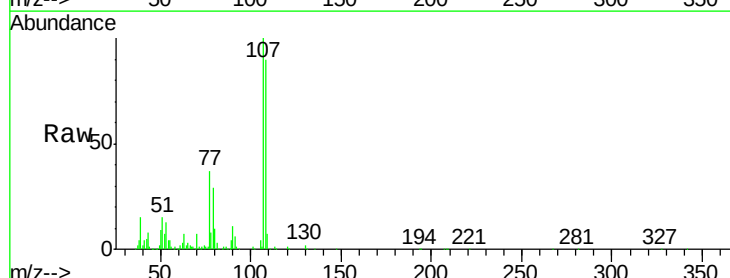
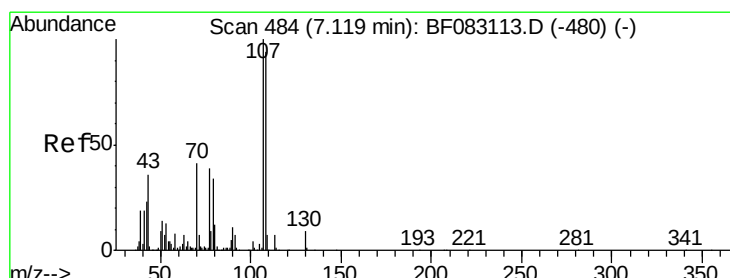
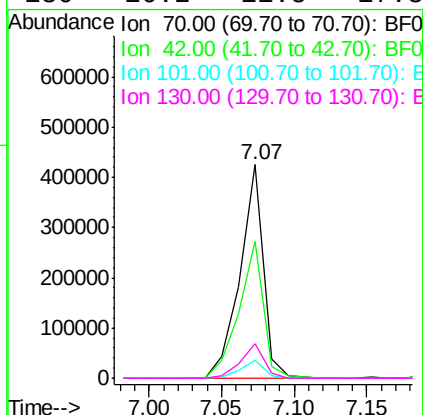
Ion Ratio Lower Upper

70 100

42 64.4 54.5 81.7

101 8.5 6.6 9.8

130 16.2 11.5 17.3



#20

3+4-Methylphenols

Concen: 40.97 ng

RT: 7.08 min Scan# 446

Delta R.T. -0.03 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

Tgt Ion: 107 Resp: 615192

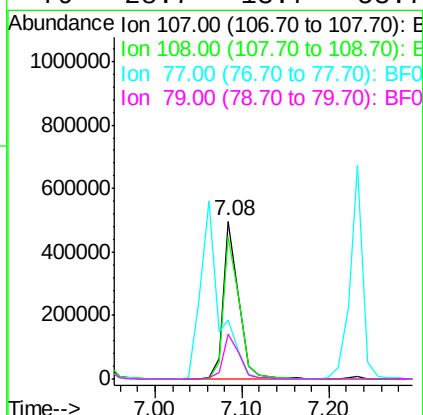
Ion Ratio Lower Upper

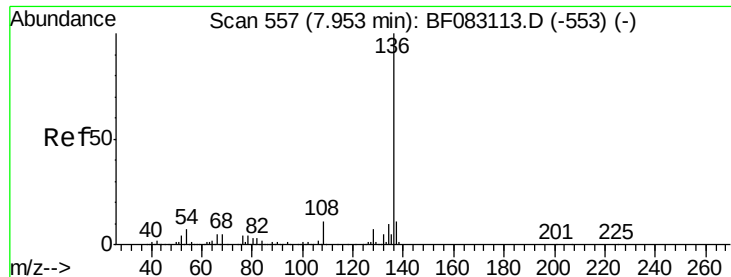
107 100

108 89.8 73.8 113.8

77 37.1 19.1 59.1

79 28.7 13.7 53.7

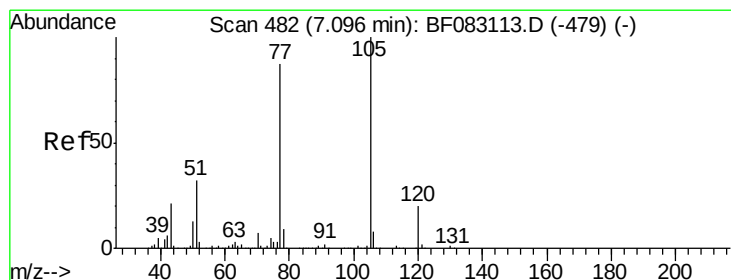
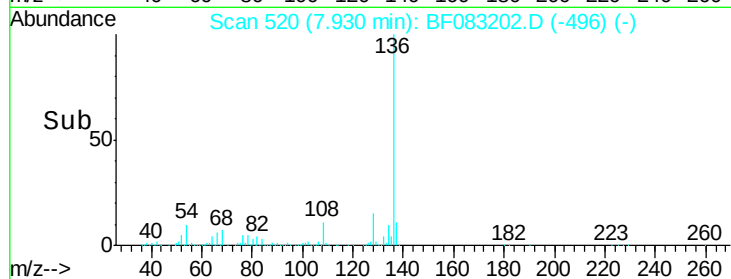
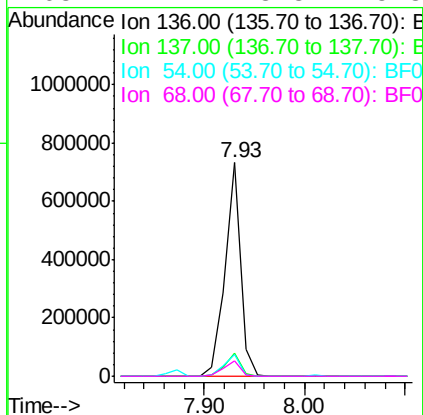
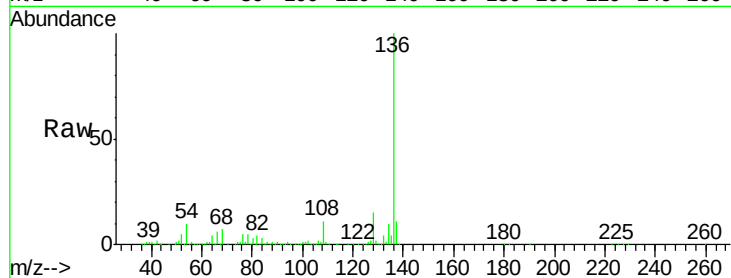




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 520
Delta R.T. -0.02 min
Lab File: BF083202.D
Acq: 23 Nov 2015 14:08

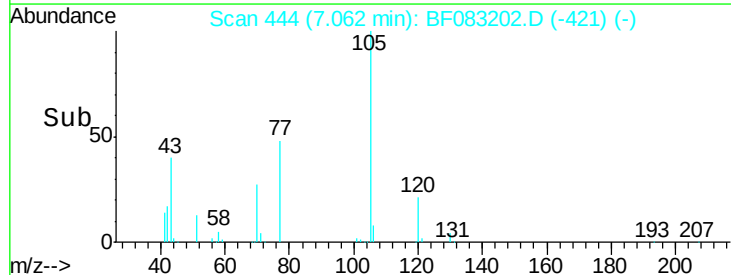
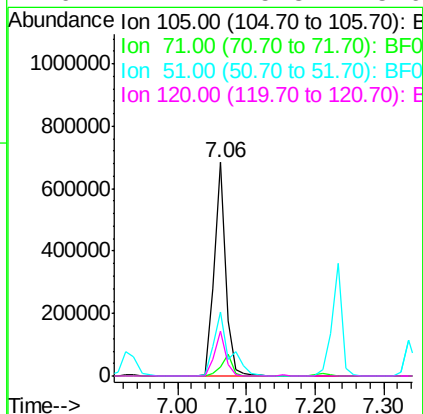
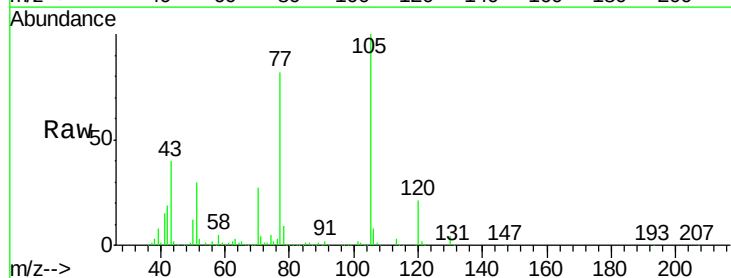
Instrument :
BNA_F
ClientSampleId :
PB86620BSD

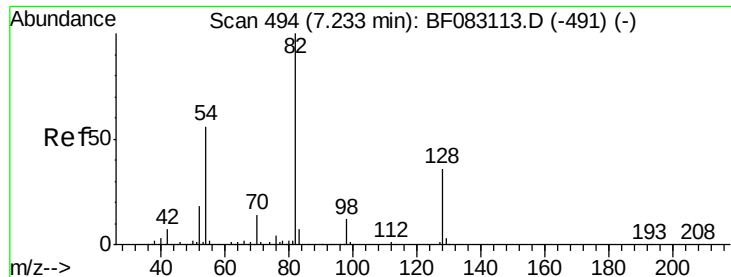
Tgt Ion:	136	Resp:	787861
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	10.0	5.8	8.6#
68	7.1	3.8	5.8#



#22
Acetophenone
Concen: 35.89 ng
RT: 7.06 min Scan# 444
Delta R.T. -0.03 min
Lab File: BF083202.D
Acq: 23 Nov 2015 14:08

Tgt Ion:	105	Resp:	811864
Ion	Ratio	Lower	Upper
105	100		
71	4.4	1.0	1.4#
51	29.8	25.6	38.4
120	21.1	15.8	23.6

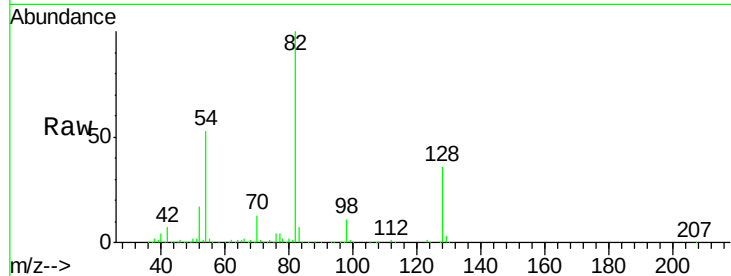




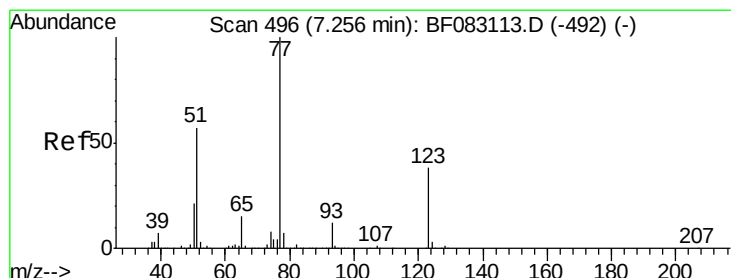
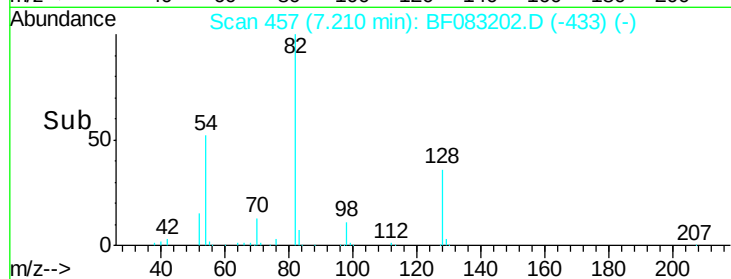
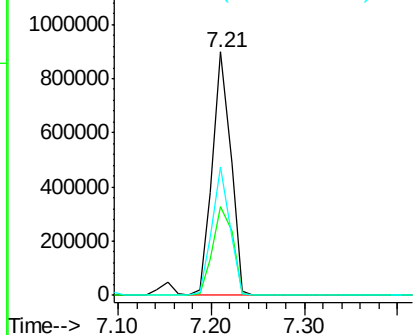
#23
 Nitrobenzene-d5
 Concen: 72.06 ng
 RT: 7.21 min Scan# 457
 Delta R.T. -0.02 min
 Lab File: BF083202.D
 Acq: 23 Nov 2015 14:08

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BSD

Tgt Ion: 82 Resp: 1242488
 Ion Ratio Lower Upper
 82 100
 128 36.3 28.5 42.7
 54 52.8 44.6 67.0

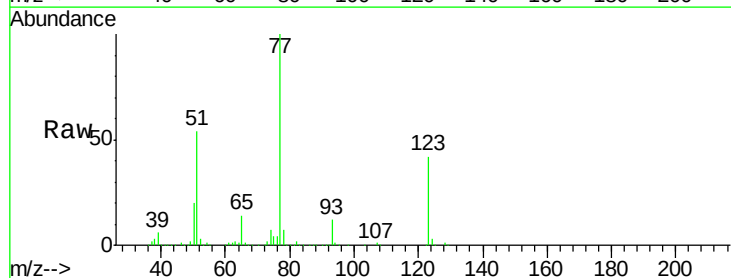


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

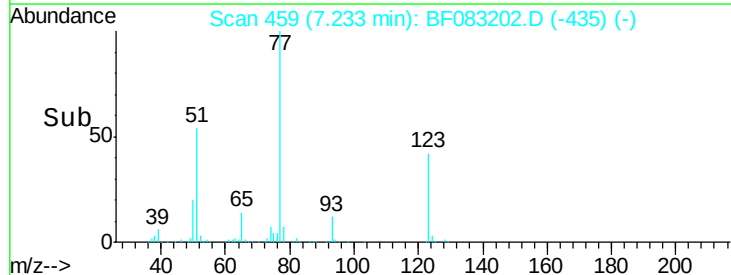
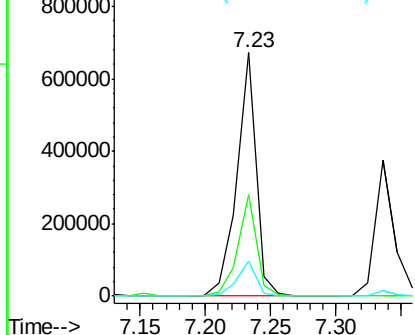


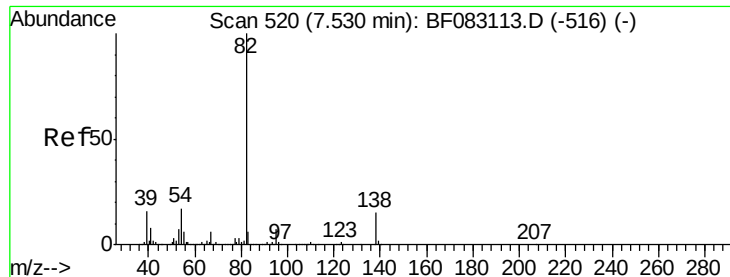
#24
 Nitrobenzene
 Concen: 36.92 ng
 RT: 7.23 min Scan# 459
 Delta R.T. -0.02 min
 Lab File: BF083202.D
 Acq: 23 Nov 2015 14:08

Tgt Ion: 77 Resp: 680270
 Ion Ratio Lower Upper
 77 100
 123 41.6 30.1 45.1
 65 14.1 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: 36.19 ng

RT: 7.47 min Scan# 480

Delta R.T. -0.06 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

Instrument :

BNA_F

ClientSampled :

PB86620BSD

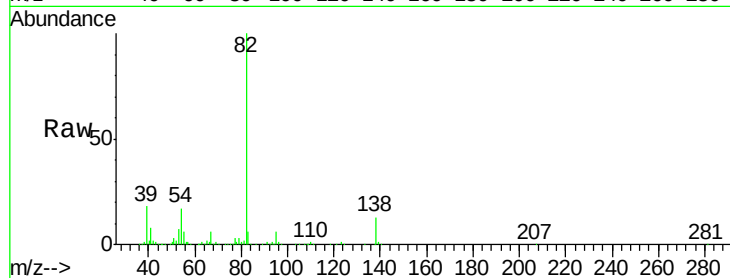
Tgt Ion: 82 Resp: 1181503

Ion Ratio Lower Upper

82 100

95 6.5 5.8 8.8

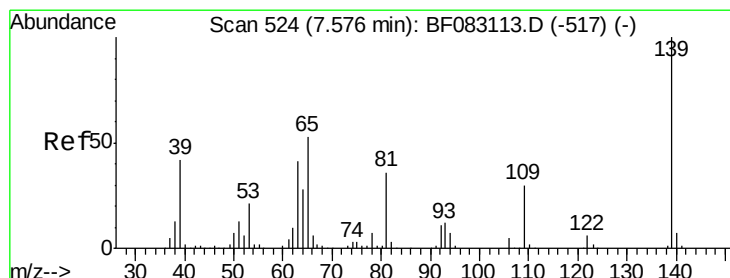
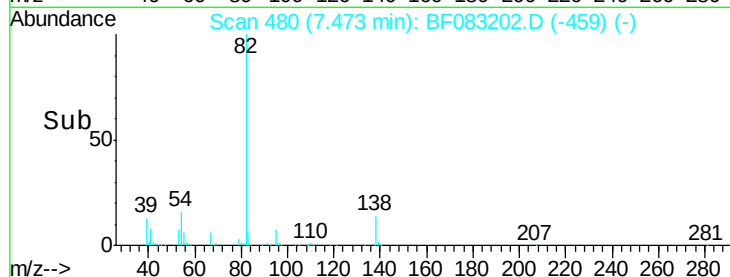
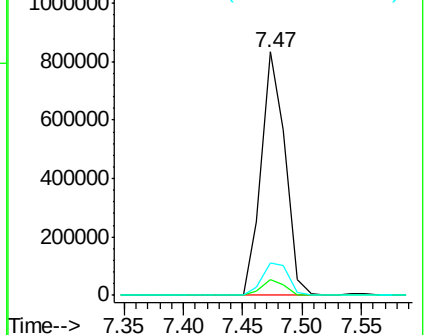
138 13.4 11.6 17.4



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: 37.18 ng

RT: 7.55 min Scan# 487

Delta R.T. -0.02 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

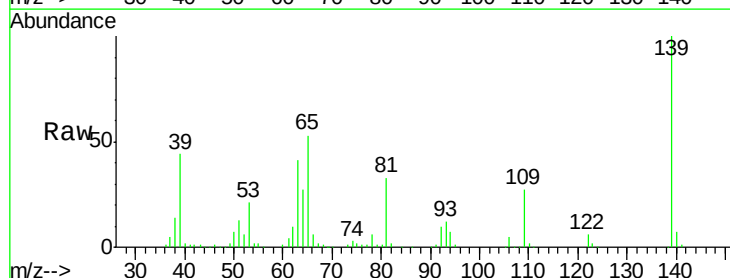
Tgt Ion: 139 Resp: 302430

Ion Ratio Lower Upper

139 100

109 26.7 23.9 35.9

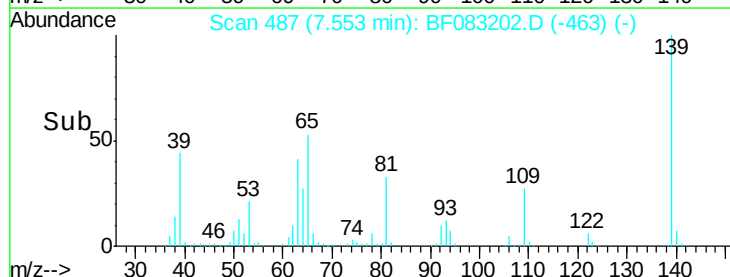
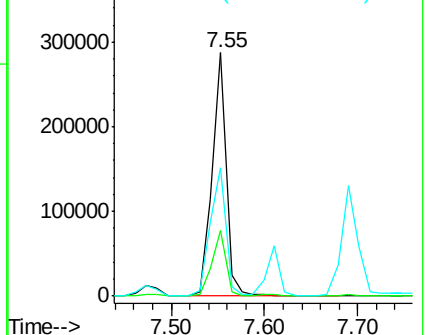
65 52.8 42.7 64.1

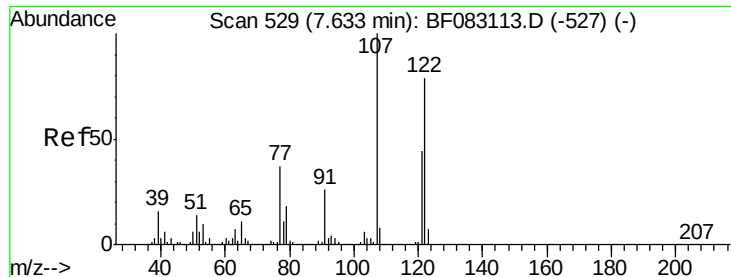


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 39.41 ng

RT: 7.61 min Scan# 492

Delta R.T. -0.02 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

Instrument :

BNA_F

ClientSampleId :

PB86620BSD

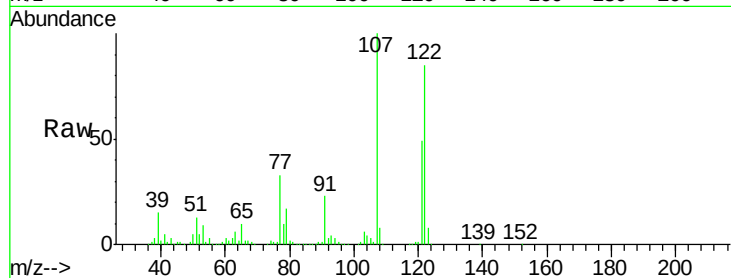
Tgt Ion:122 Resp: 511609

Ion Ratio Lower Upper

122 100

107 117.2 101.1 151.7

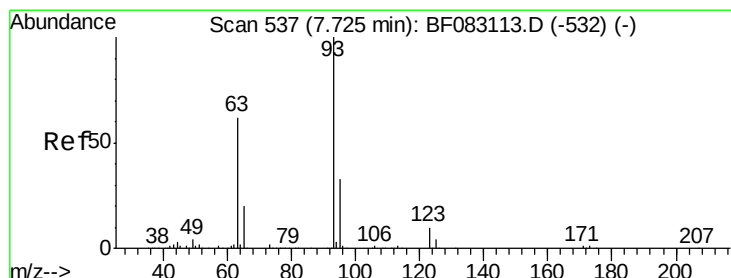
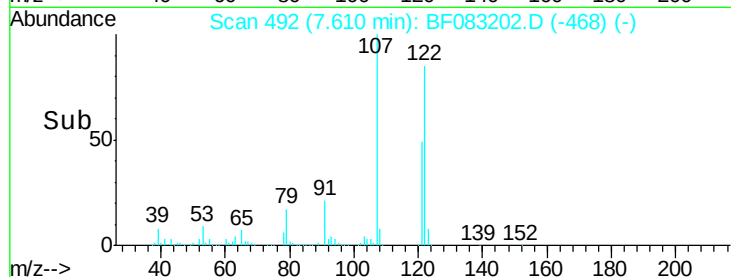
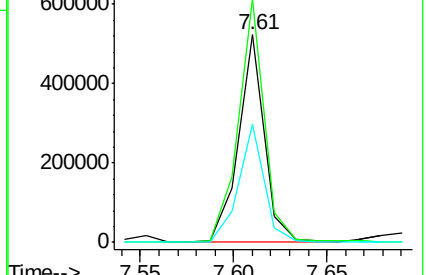
121 57.1 44.9 67.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.26 ng

RT: 7.69 min Scan# 499

Delta R.T. -0.03 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

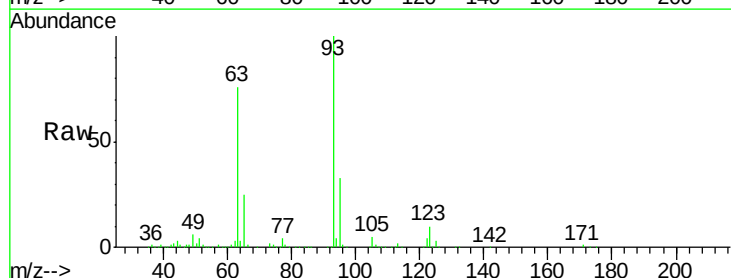
Tgt Ion: 93 Resp: 688307

Ion Ratio Lower Upper

93 100

95 32.9 26.5 39.7

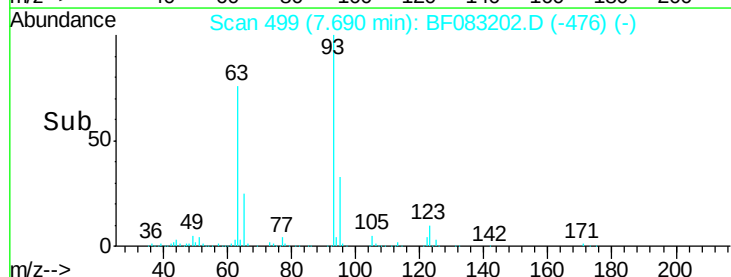
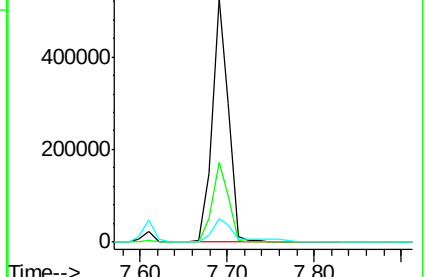
123 9.5 8.1 12.1

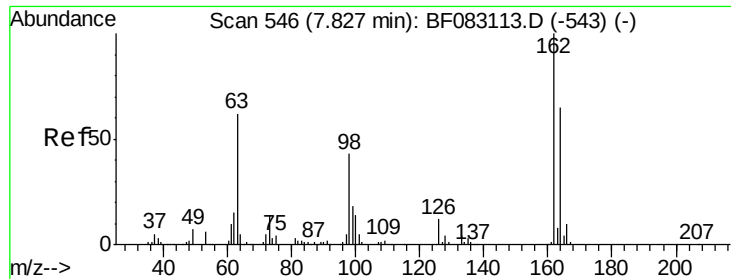


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

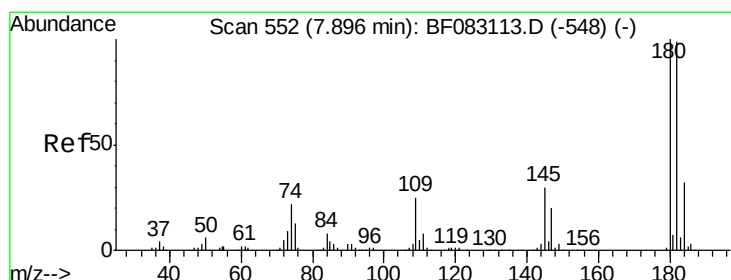
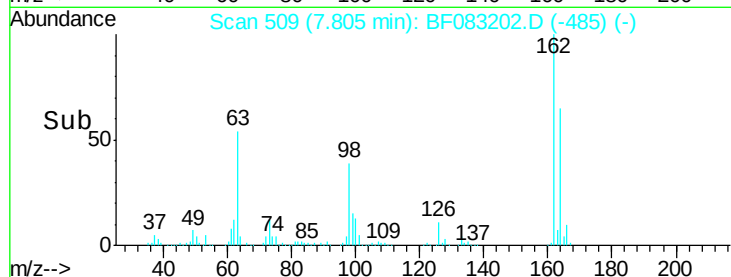
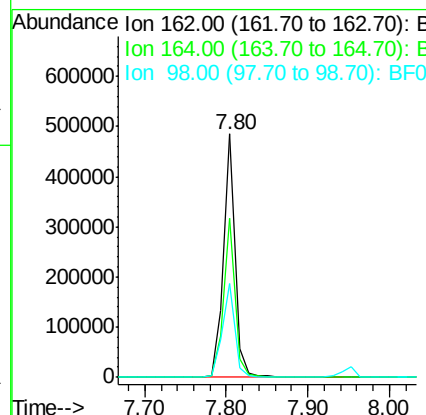
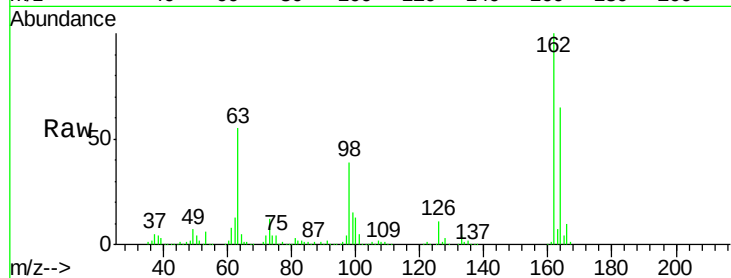




#29
 2,4-Dichlorophenol
 Concen: 38.91 ng
 RT: 7.80 min Scan# 509
 Delta R.T. -0.02 min
 Lab File: BF083202.D
 Acq: 23 Nov 2015 14:08

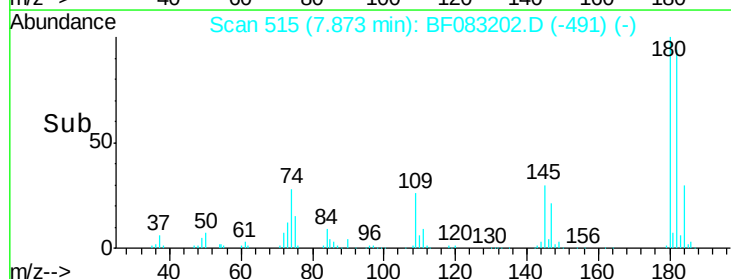
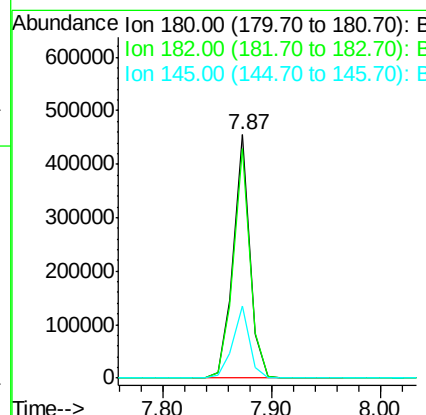
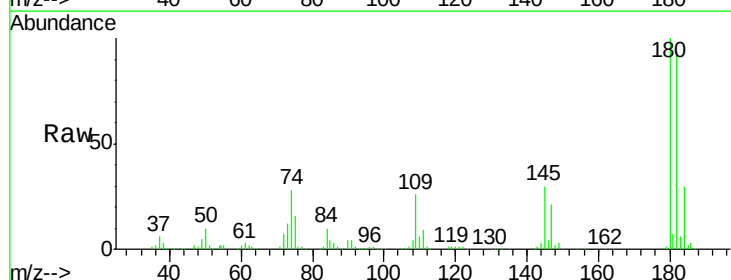
Instrument :
 BNA_F
 ClientSampleId :
 PB86620BSD

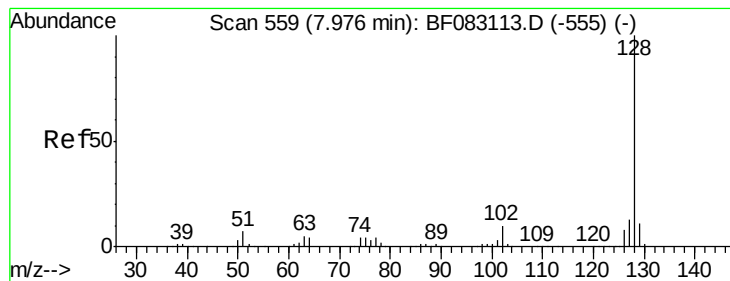
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.3	44.8	84.8
98	38.6	23.1	63.1



#30
 1,2,4-Trichlorobenzene
 Concen: 35.47 ng
 RT: 7.87 min Scan# 515
 Delta R.T. -0.02 min
 Lab File: BF083202.D
 Acq: 23 Nov 2015 14:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	79.0	118.6
145	29.7	24.2	36.2





#31

Naphthalene

Concen: 36.95 ng

RT: 7.95 min Scan# 522

Delta R.T. -0.02 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

Instrument :

BNA_F

ClientSampleId :

PB86620BSD

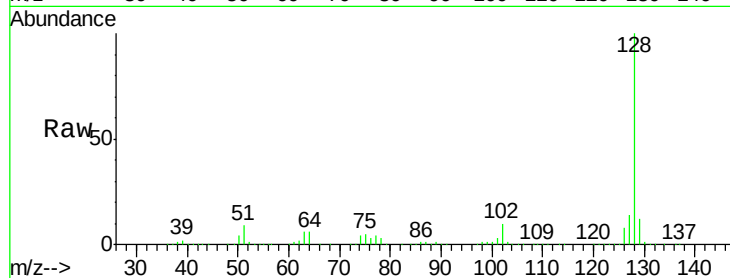
Tgt Ion:128 Resp: 1570919

Ion Ratio Lower Upper

128 100

129 11.5 9.0 13.4

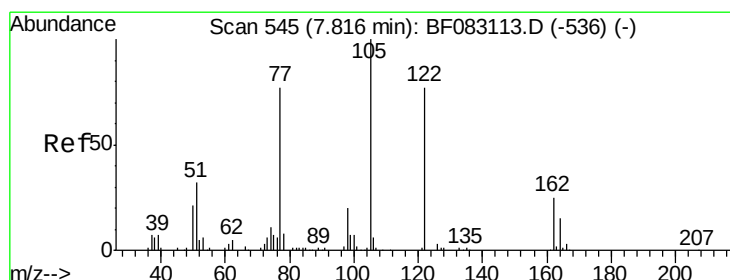
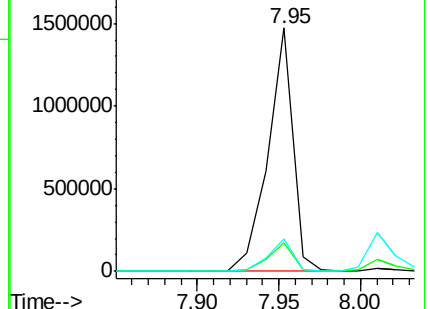
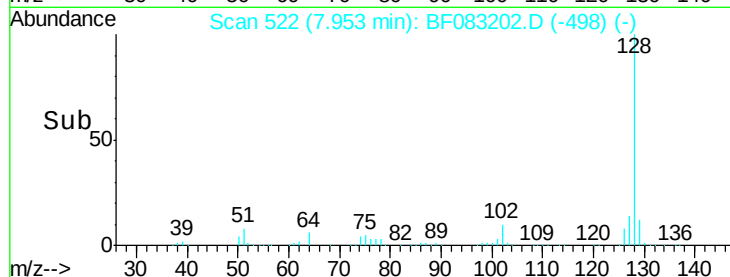
127 13.5 10.6 15.8



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: 33.39 ng

RT: 7.76 min Scan# 505

Delta R.T. -0.06 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

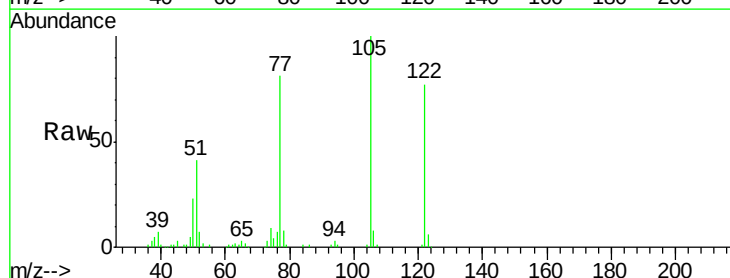
Tgt Ion:122 Resp: 336851

Ion Ratio Lower Upper

122 100

105 130.1 109.7 149.7

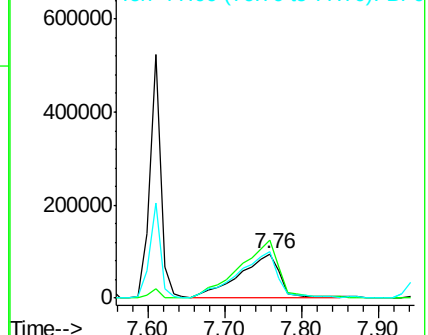
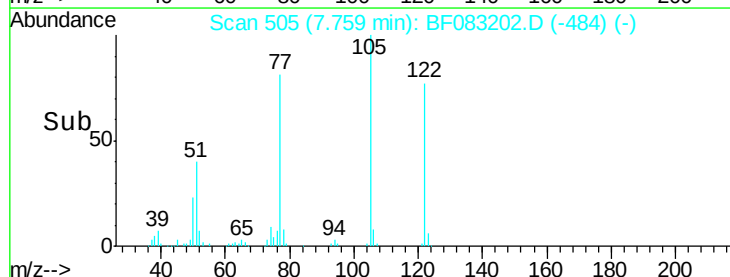
77 105.8 79.7 119.7

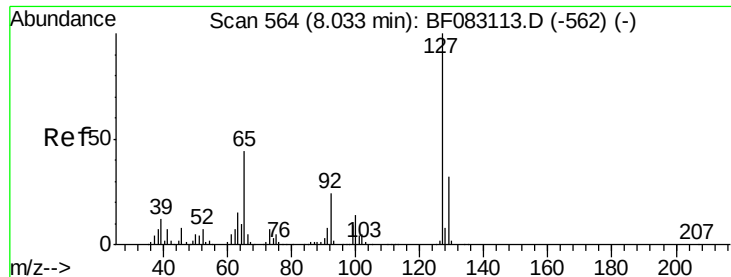


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

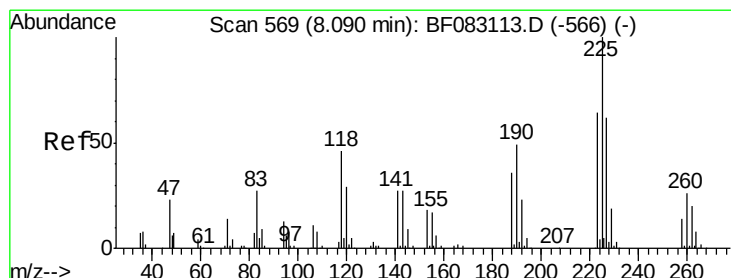
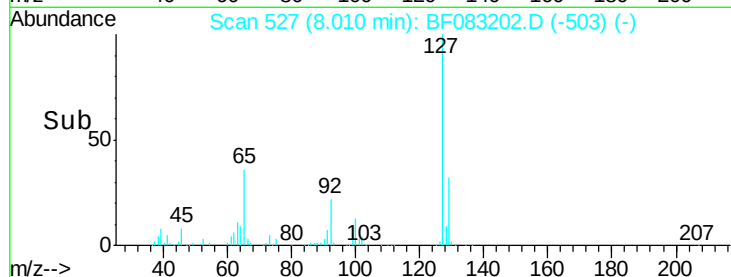
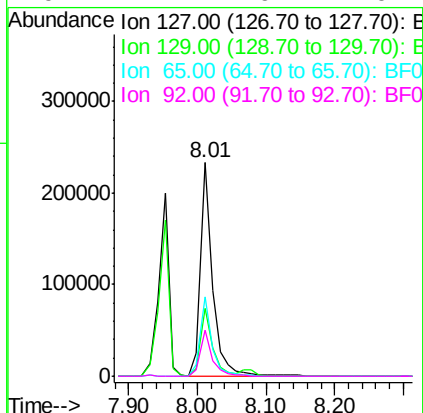
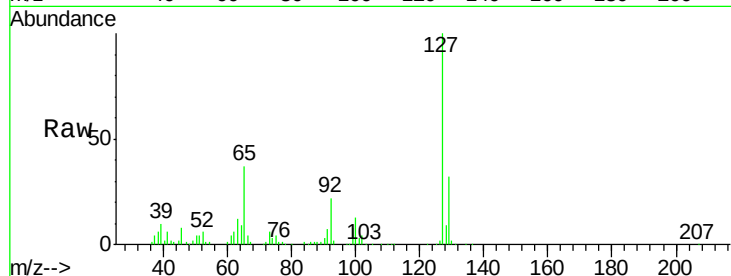




#33
4-Chloroaniline
Concen: 17.10 ng
RT: 8.01 min Scan# 527
Delta R.T. -0.02 min
Lab File: BF083202.D
Acq: 23 Nov 2015 14:08

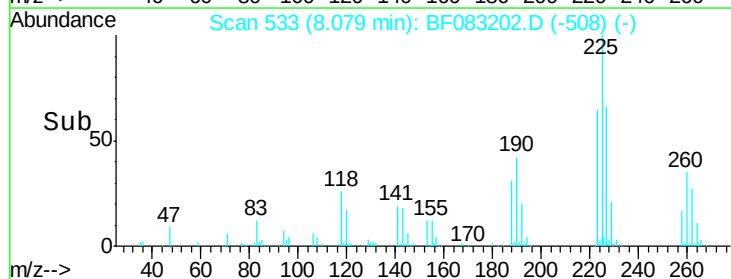
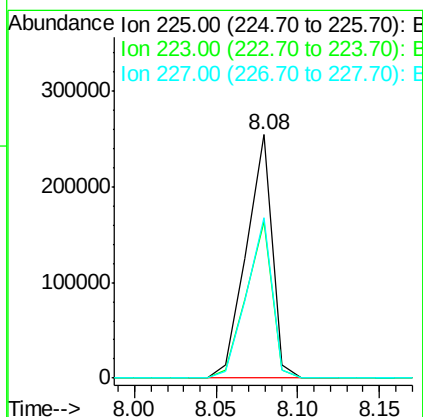
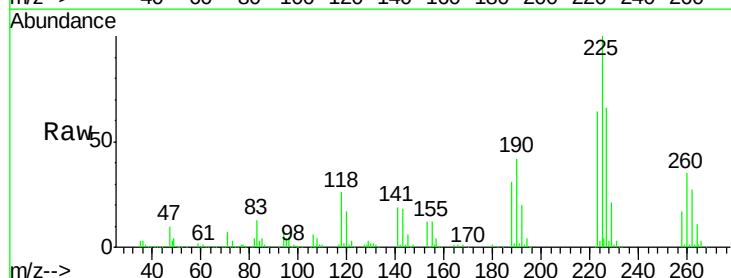
Instrument :
BNA_F
ClientSampleId :
PB86620BSD

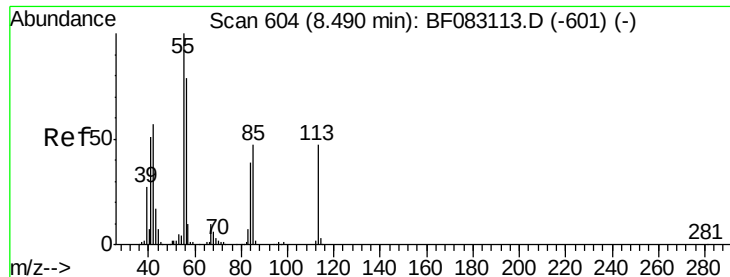
Tgt Ion:	127	Resp:	282075
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.7	38.5
65	37.0	35.5	53.3
92	21.7	19.4	29.2



#34
Hexachlorobutadiene
Concen: 34.82 ng
RT: 8.08 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF083202.D
Acq: 23 Nov 2015 14:08

Tgt Ion:	225	Resp:	279059
Ion	Ratio	Lower	Upper
225	100		
223	64.3	51.3	76.9
227	65.9	49.8	74.8





#35

Caprolactam

Concen: 10.20 ng

RT: 8.43 min Scan# 564

Delta R.T. -0.06 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

Instrument :

BNA_F

ClientSampleId :

PB86620BSD

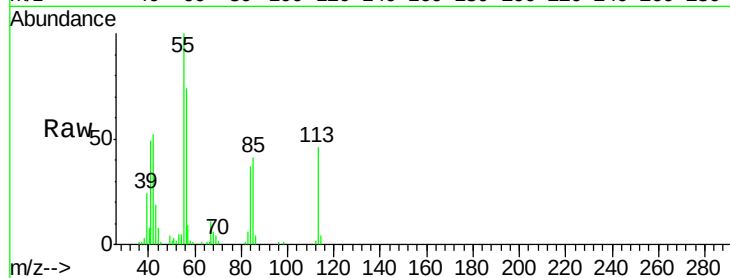
Tgt Ion:113 Resp: 40371

Ion Ratio Lower Upper

113 100

55 219.4 192.6 232.6

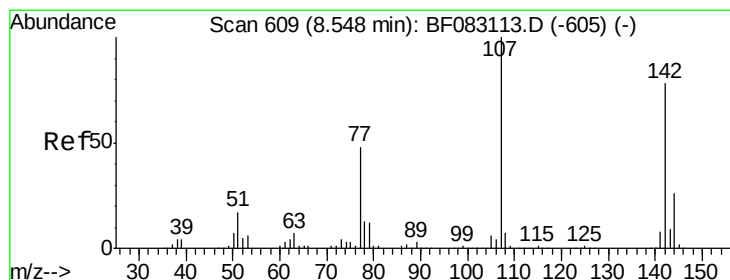
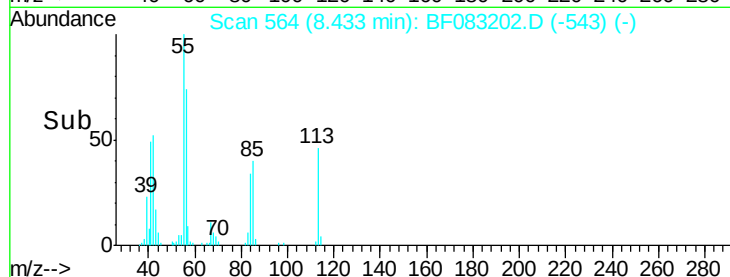
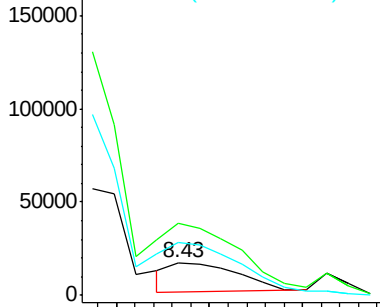
56 161.8 148.6 188.6



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: 35.13 ng

RT: 8.51 min Scan# 571

Delta R.T. -0.03 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

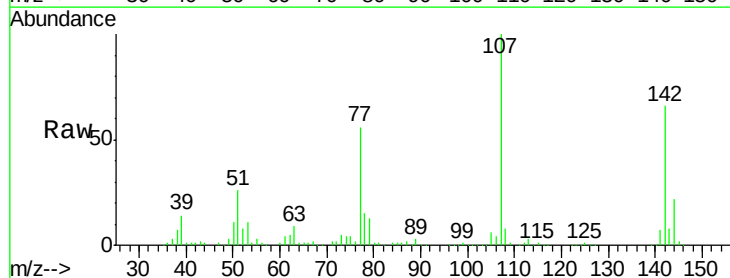
Tgt Ion:107 Resp: 502318

Ion Ratio Lower Upper

107 100

144 21.5 20.8 31.2

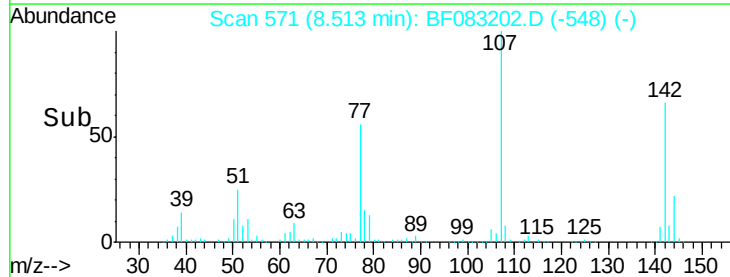
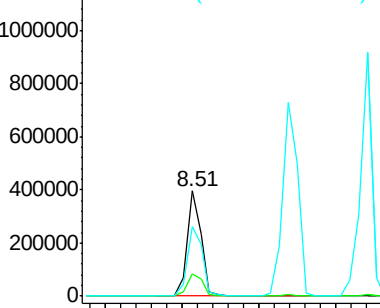
142 65.6 62.1 93.1

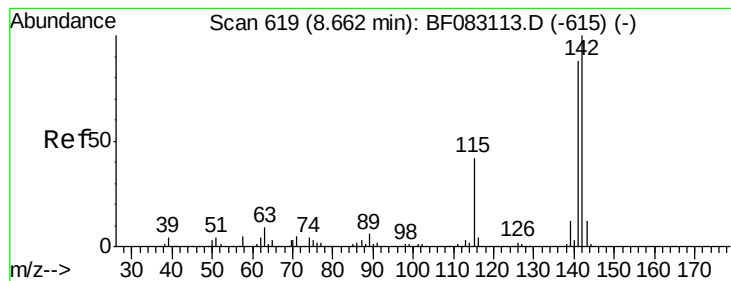


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 35.88 ng

RT: 8.64 min Scan# 582

Delta R.T. -0.02 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

Instrument :

BNA_F

ClientSampleId :

PB86620BSD

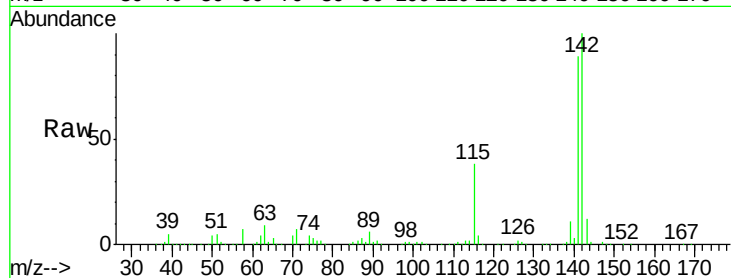
Tgt Ion:142 Resp: 990135

Ion Ratio Lower Upper

142 100

141 88.8 70.3 105.5

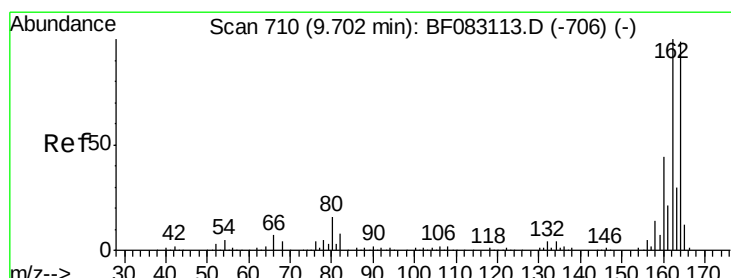
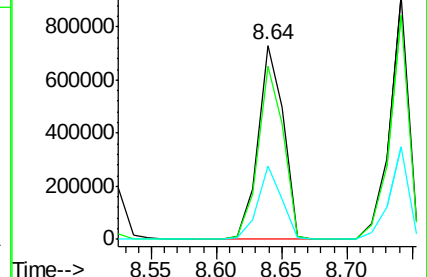
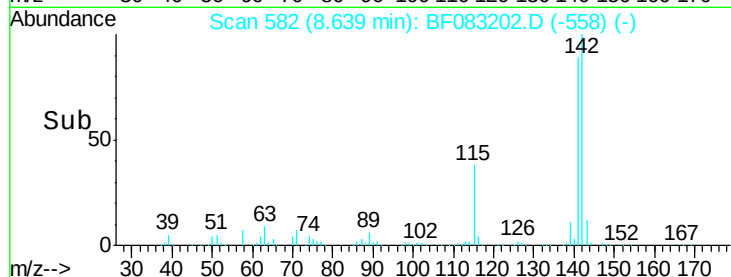
115 37.7 33.4 50.2



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: 9.68 min Scan# 673

Delta R.T. -0.02 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

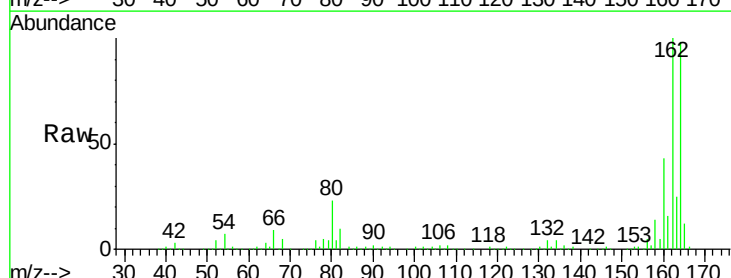
Tgt Ion:164 Resp: 396454

Ion Ratio Lower Upper

164 100

162 102.0 81.2 121.8

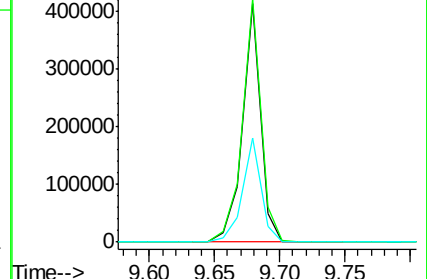
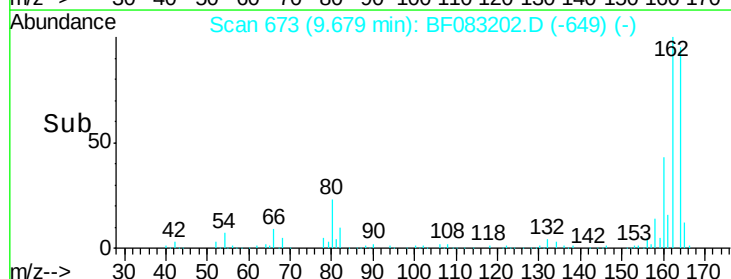
160 43.4 35.6 53.4

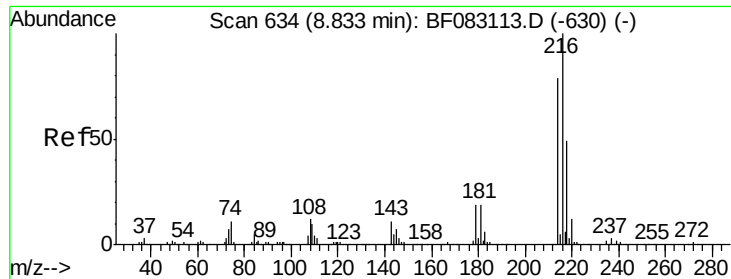


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

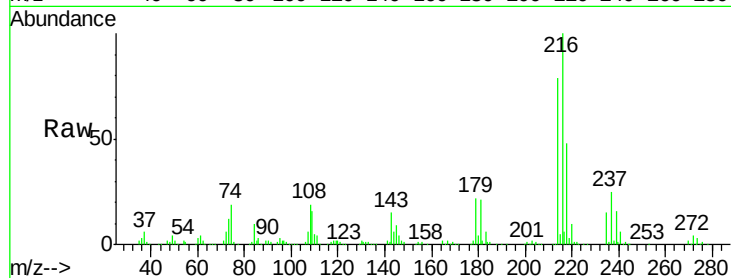




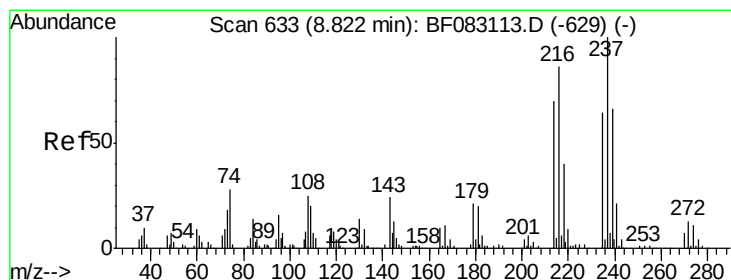
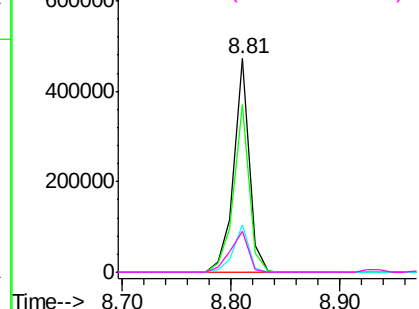
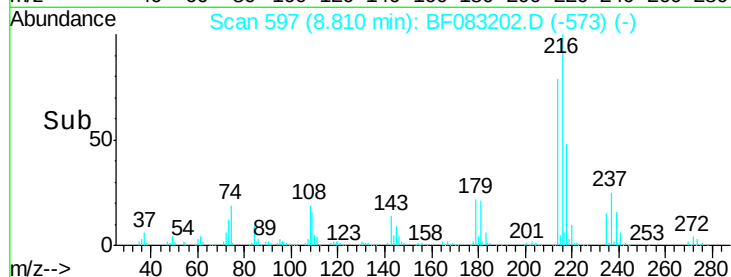
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.10 ng
 RT: 8.81 min Scan# 597
 Delta R.T. -0.02 min
 Lab File: BF083202.D
 Acq: 23 Nov 2015 14:08

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BSD

Tgt Ion:	216	Resp:	463927
Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.8	95.8
179	22.1	17.0	25.6
108	22.8	15.2	22.8

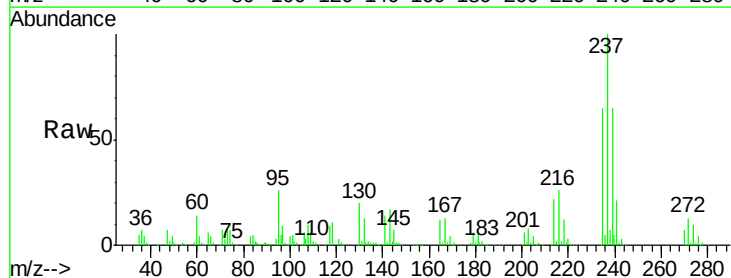


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

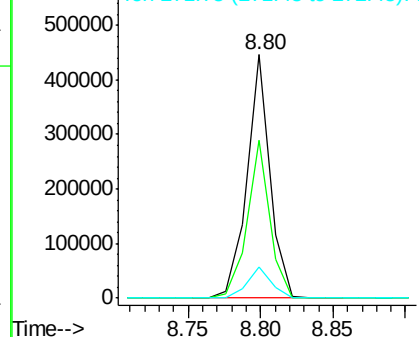
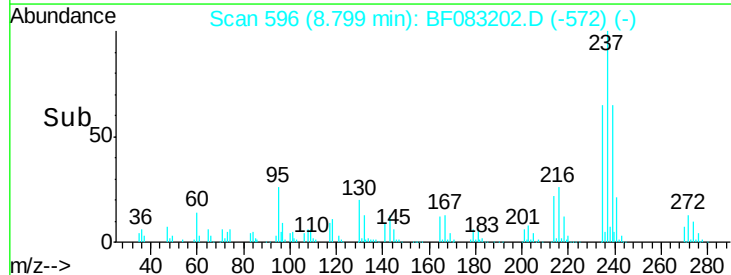


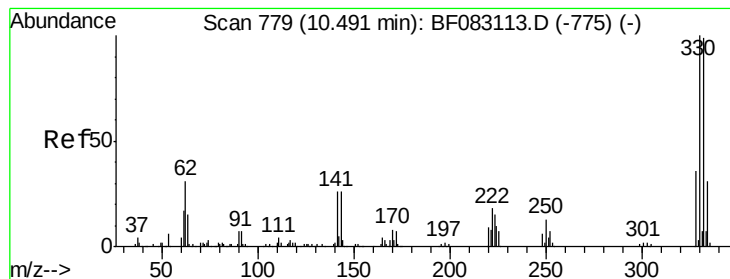
#40
 Hexachlorocyclopentadiene
 Concen: 66.90 ng
 RT: 8.80 min Scan# 596
 Delta R.T. -0.02 min
 Lab File: BF083202.D
 Acq: 23 Nov 2015 14:08

Tgt Ion:	237	Resp:	488798
Ion	Ratio	Lower	Upper
237	100		
235	64.9	43.5	83.5
272	12.6	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

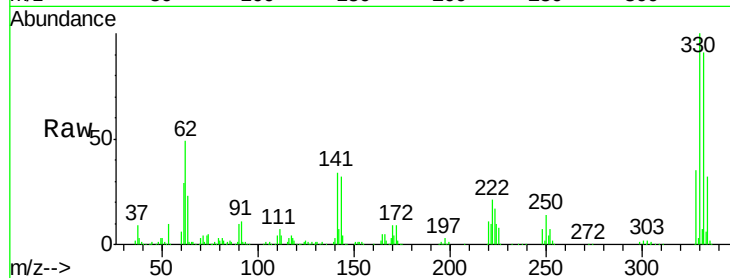




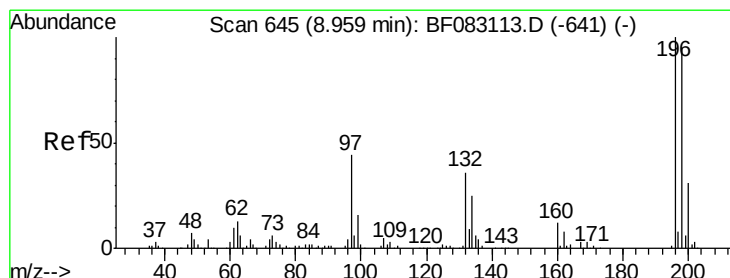
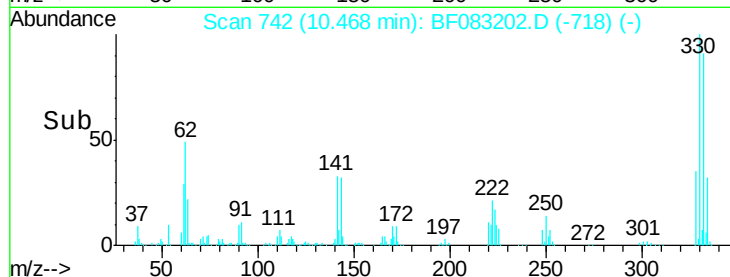
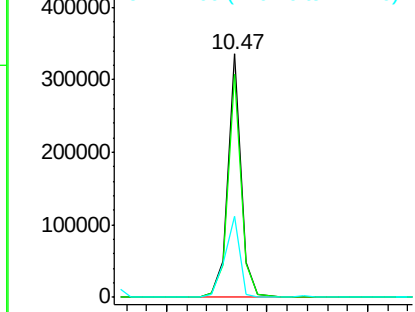
#41
 2,4,6-Tribromophenol
 Concen: 75.94 ng
 RT: 10.47 min Scan# 742
 Delta R.T. -0.02 min
 Lab File: BF083202.D
 Acq: 23 Nov 2015 14:08

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BSD

Tgt Ion:330 Resp: 308003
 Ion Ratio Lower Upper
 330 100
 332 91.8 77.7 116.5
 141 37.8 29.7 44.5

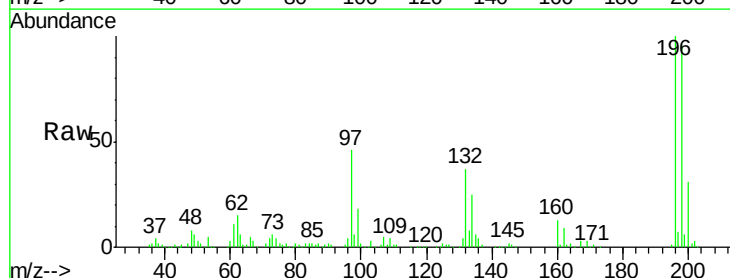


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

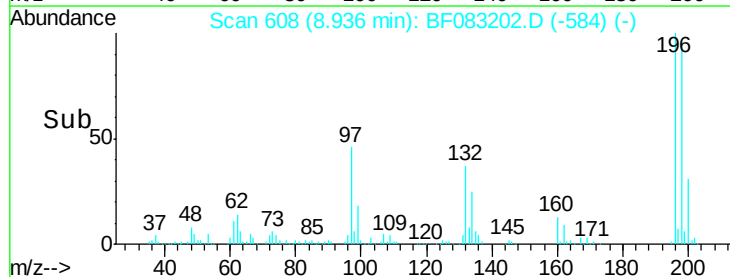
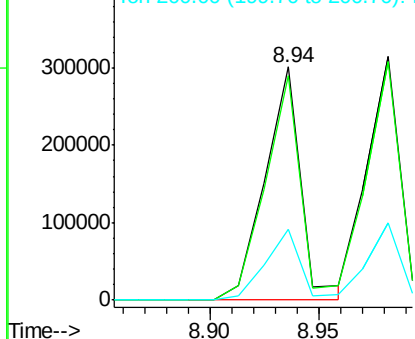


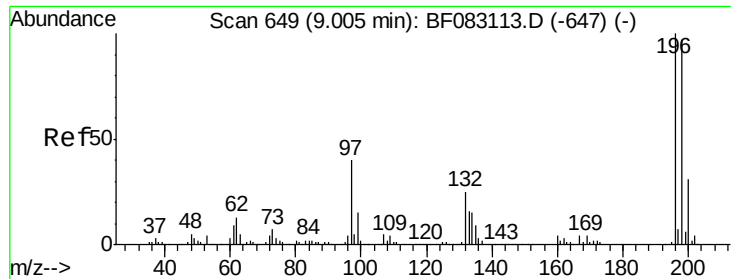
#42
 2,4,6-Trichlorophenol
 Concen: 37.85 ng
 RT: 8.94 min Scan# 608
 Delta R.T. -0.02 min
 Lab File: BF083202.D
 Acq: 23 Nov 2015 14:08

Tgt Ion:196 Resp: 348341
 Ion Ratio Lower Upper
 196 100
 198 96.0 75.9 113.9
 200 30.5 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

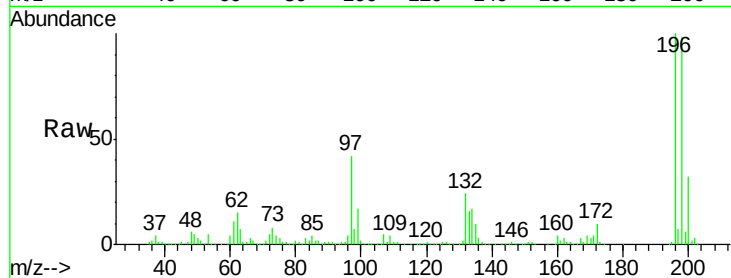




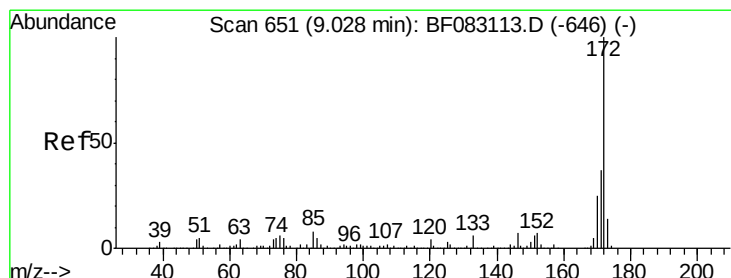
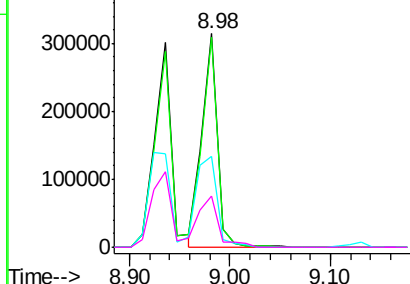
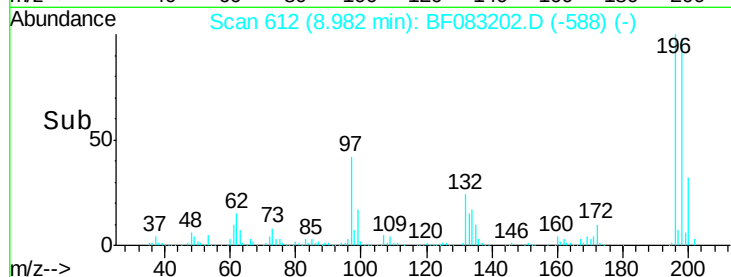
#43
 2,4,5-Trichlorophenol
 Concen: 35.98 ng
 RT: 8.98 min Scan# 612
 Delta R.T. -0.02 min
 Lab File: BF083202.D
 Acq: 23 Nov 2015 14:08

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BSD

Tgt Ion:196 Resp: 338522
 Ion Ratio Lower Upper
 196 100
 198 98.1 77.6 116.4
 97 42.5 32.6 48.8
 132 24.0 19.8 29.8

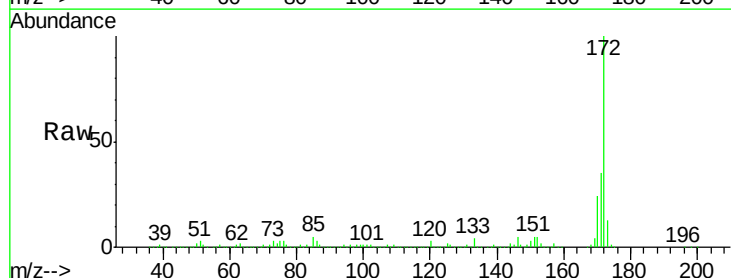


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

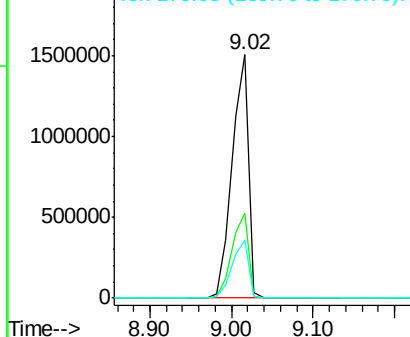
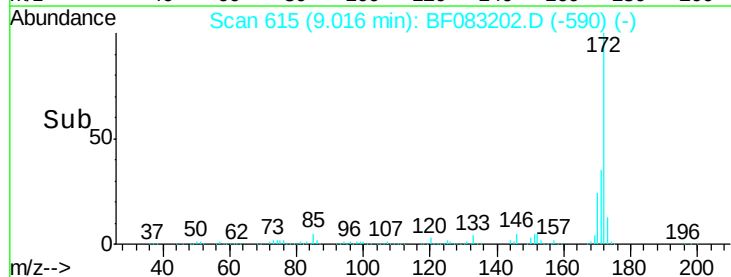


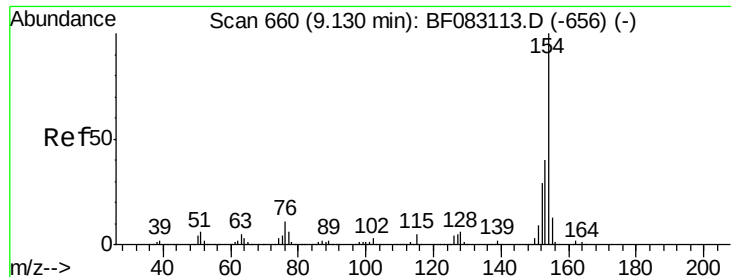
#44
 2-Fluorobiphenyl
 Concen: 74.05 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083202.D
 Acq: 23 Nov 2015 14:08

Tgt Ion:172 Resp: 2105411
 Ion Ratio Lower Upper
 172 100
 171 34.9 29.5 44.3
 170 24.1 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: 35.54 ng

RT: 9.11 min Scan# 623

Delta R.T. -0.02 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

Instrument :

BNA_F

ClientSampleId :

PB86620BSD

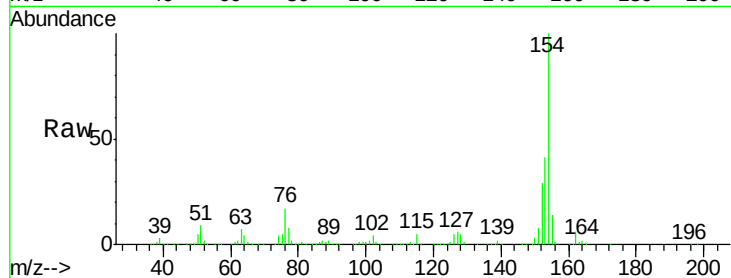
Tgt Ion:154 Resp: 1199109

Ion Ratio Lower Upper

154 100

153 41.3 20.5 60.5

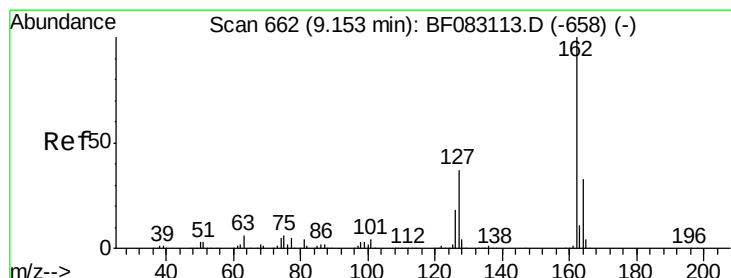
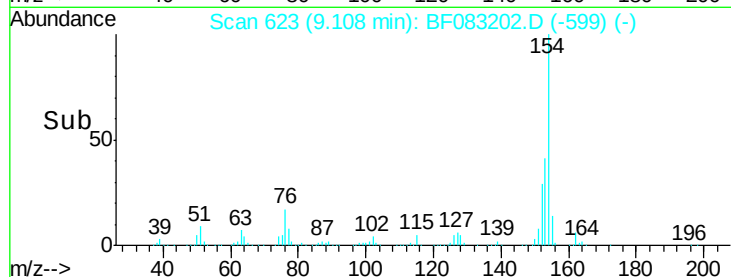
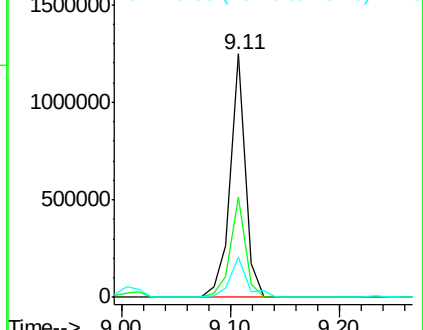
76 16.6 0.0 31.2



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: 37.88 ng

RT: 9.13 min Scan# 625

Delta R.T. -0.02 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

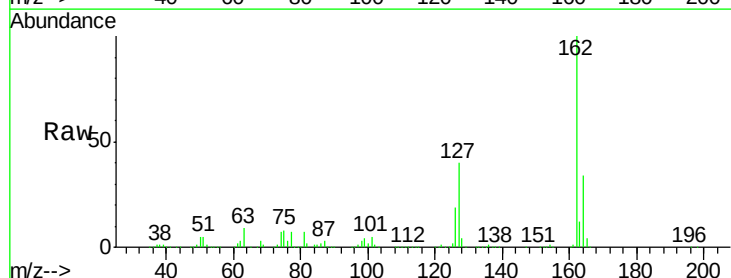
Tgt Ion:162 Resp: 1003993

Ion Ratio Lower Upper

162 100

127 39.6 29.4 44.2

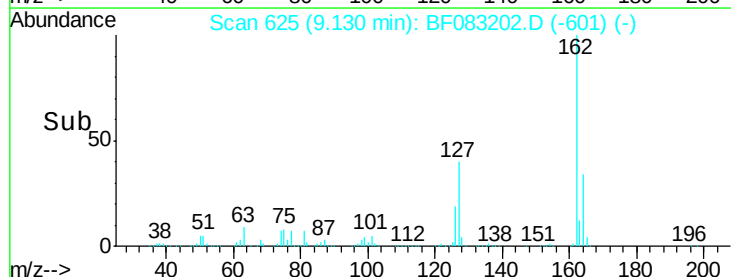
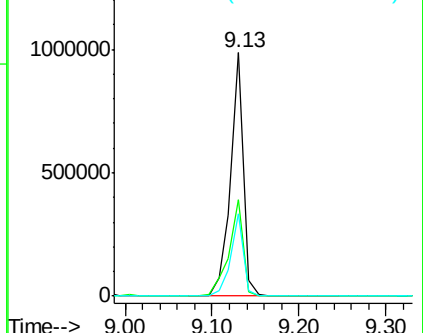
164 33.6 26.2 39.4

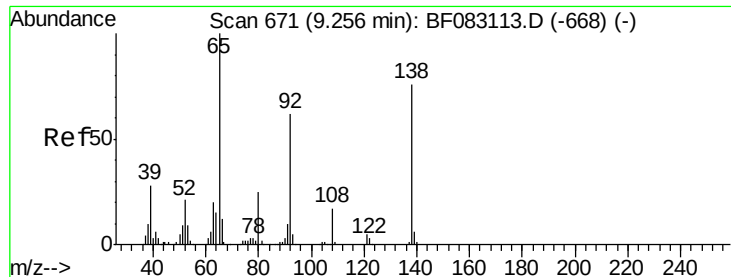


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

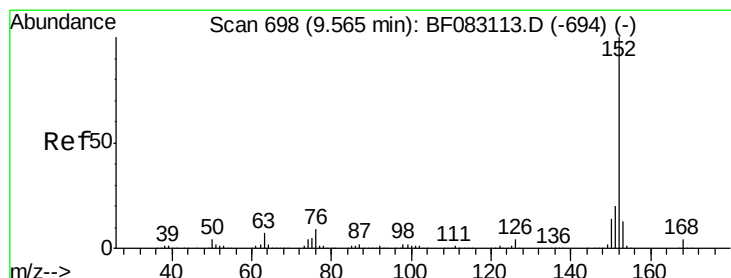
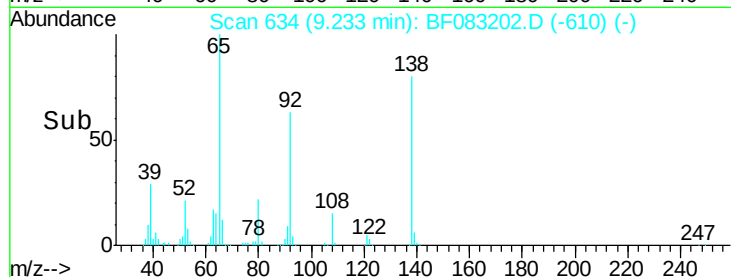
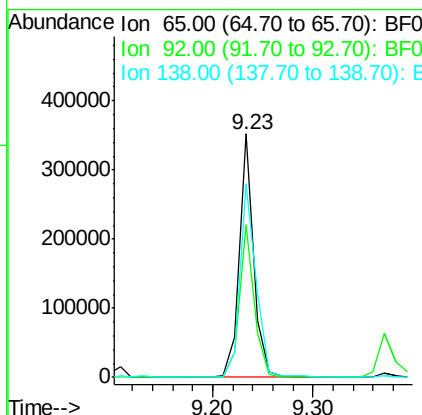
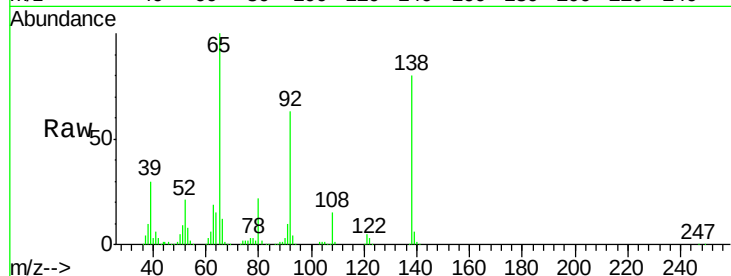




#47
 2-Nitroaniline
 Concen: 37.13 ng
 RT: 9.23 min Scan# 634
 Delta R.T. -0.02 min
 Lab File: BF083202.D
 Acq: 23 Nov 2015 14:08

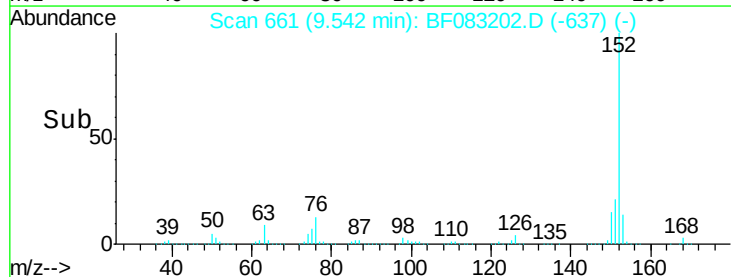
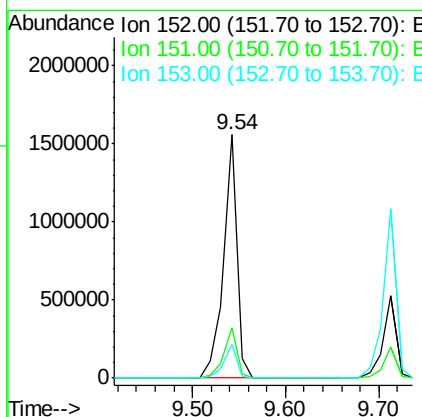
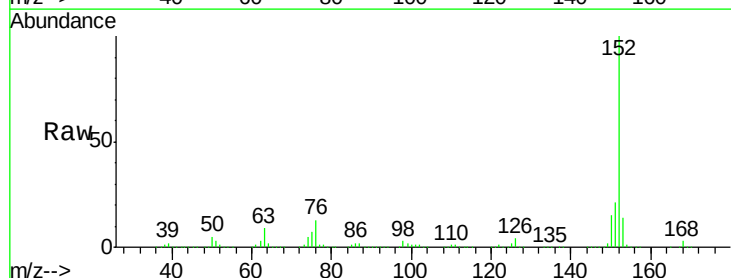
Instrument :
 BNA_F
 ClientSampleId :
 PB86620BSD

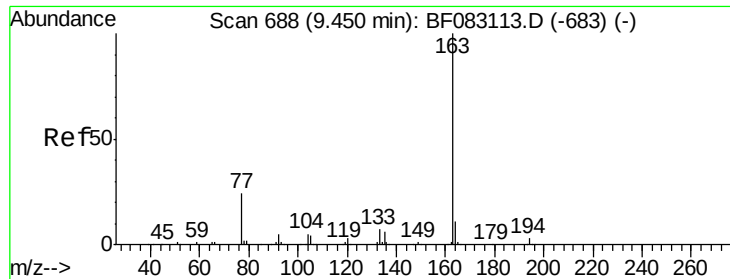
Tgt Ion: 65 Resp: 348093
 Ion Ratio Lower Upper
 65 100
 92 62.7 49.5 74.3
 138 79.5 60.7 91.1



#48
 Acenaphthylene
 Concen: 37.79 ng
 RT: 9.54 min Scan# 661
 Delta R.T. -0.02 min
 Lab File: BF083202.D
 Acq: 23 Nov 2015 14:08

Tgt Ion: 152 Resp: 1552349
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.3 24.5
 153 13.7 10.8 16.2





#49

Dimethylphthalate

Concen: 38.11 ng

RT: 9.43 min Scan# 651

Delta R.T. -0.02 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

Instrument :

BNA_F

ClientSampleId :

PB86620BSD

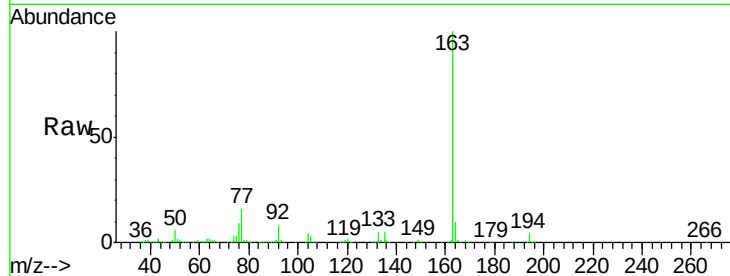
Tgt Ion:163 Resp: 1163305

Ion Ratio Lower Upper

163 100

194 3.8 2.6 4.0

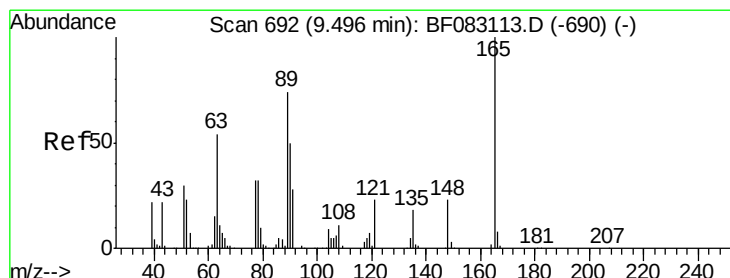
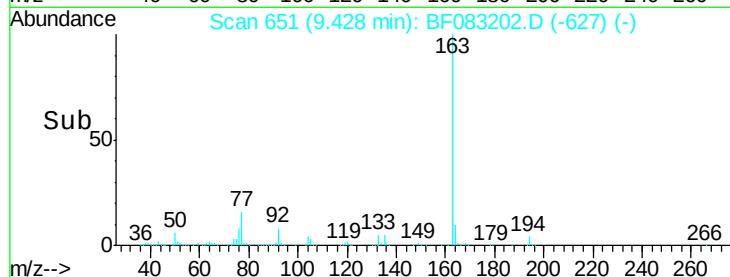
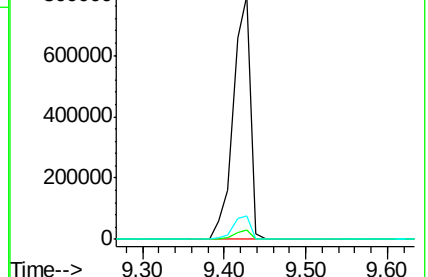
164 9.8 8.6 12.8



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: 35.33 ng

RT: 9.47 min Scan# 655

Delta R.T. -0.02 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

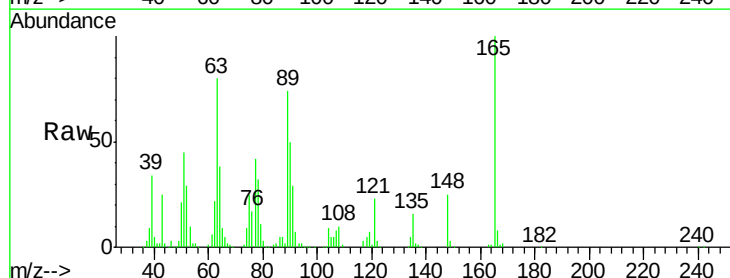
Tgt Ion:165 Resp: 241962

Ion Ratio Lower Upper

165 100

63 79.6 62.5 93.7

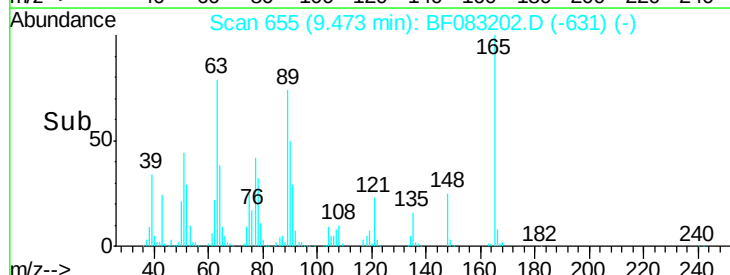
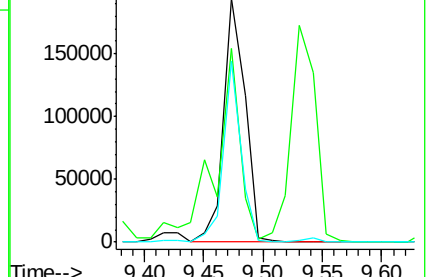
89 74.5 59.1 88.7

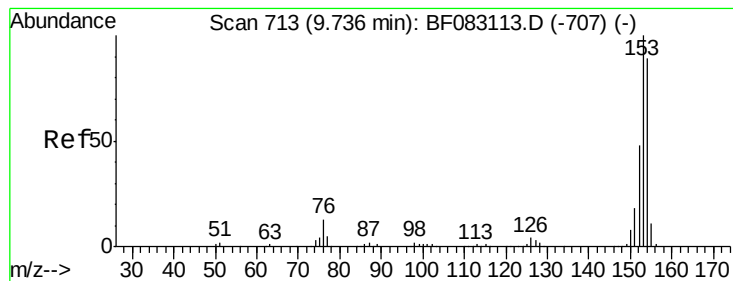


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.04 ng

RT: 9.71 min Scan# 676

Delta R.T. -0.02 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

Instrument :

BNA_F

ClientSampleId :

PB86620BSD

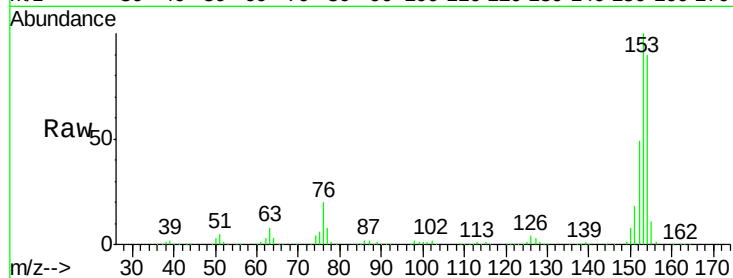
Tgt Ion:154 Resp: 950772

Ion Ratio Lower Upper

154 100

153 111.5 89.6 134.4

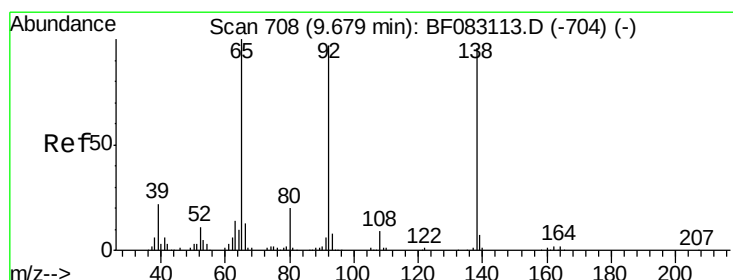
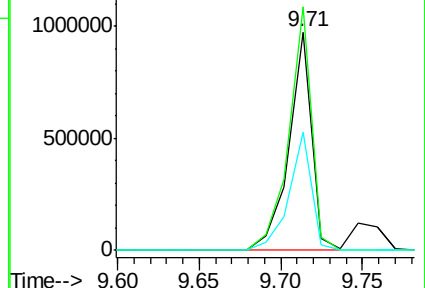
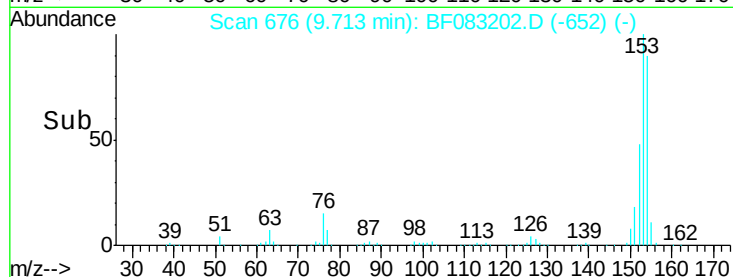
152 54.1 43.3 64.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 21.58 ng

RT: 9.64 min Scan# 670

Delta R.T. -0.03 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

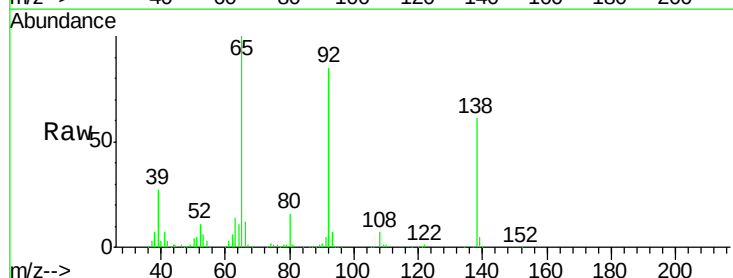
Tgt Ion:138 Resp: 157583

Ion Ratio Lower Upper

138 100

108 11.0 7.8 11.6

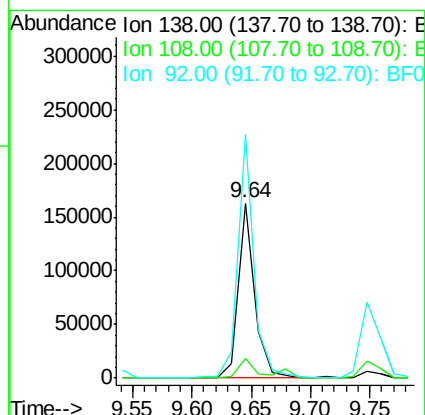
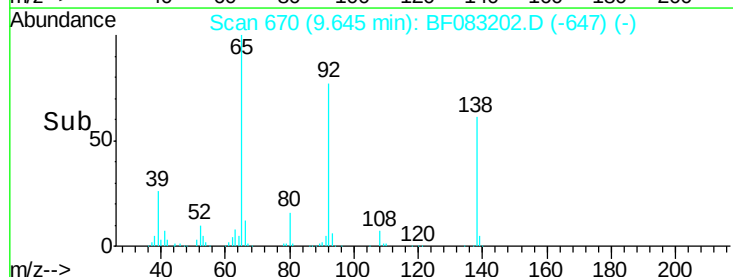
92 139.5 81.1 121.7#

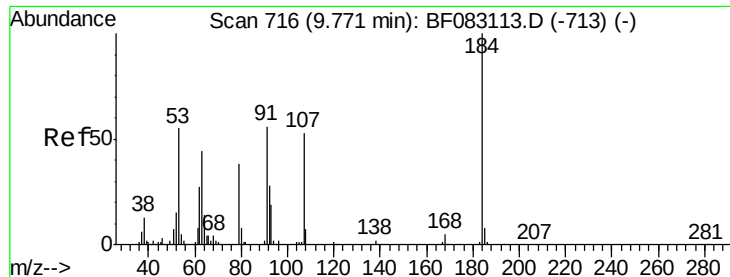


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

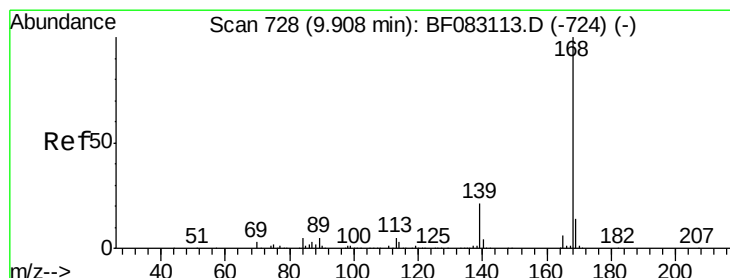
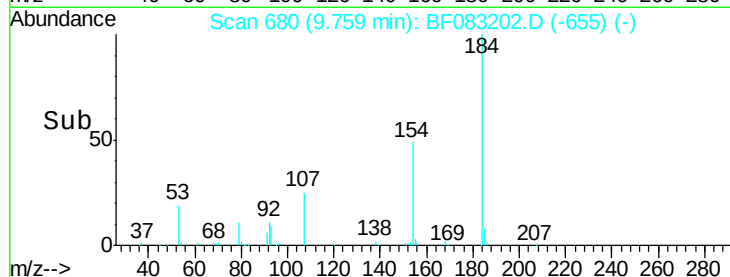
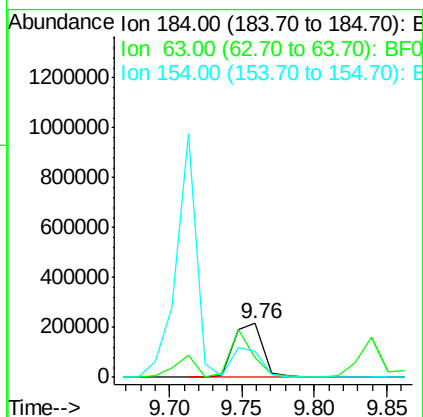
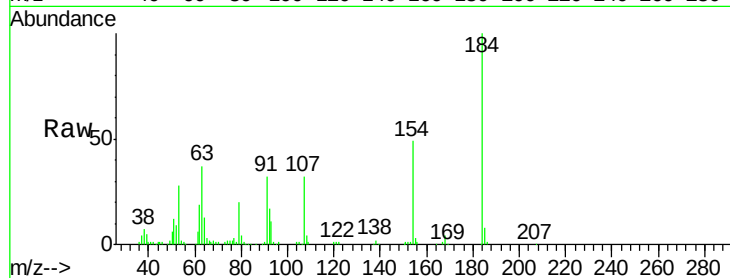




#53
 2,4-Dinitrophenol
 Concen: 77.72 ng
 RT: 9.76 min Scan# 680
 Delta R.T. -0.01 min
 Lab File: BF083202.D
 Acq: 23 Nov 2015 14:08

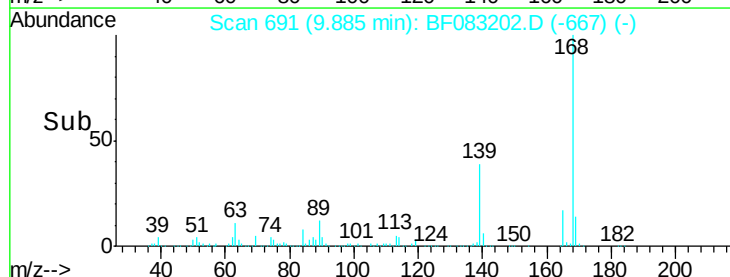
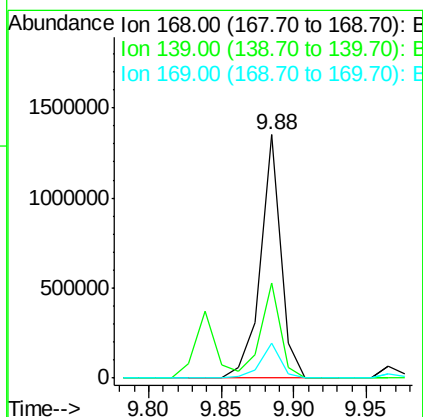
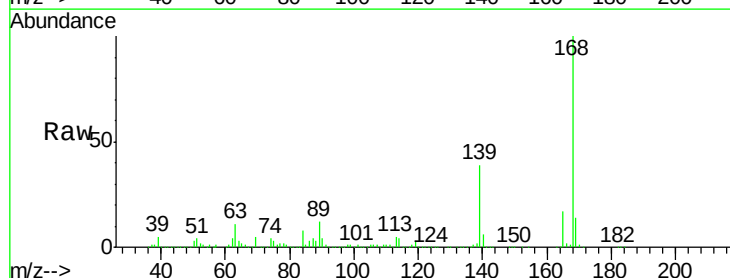
Instrument :
 BNA_F
 ClientSampleId :
 PB86620BSD

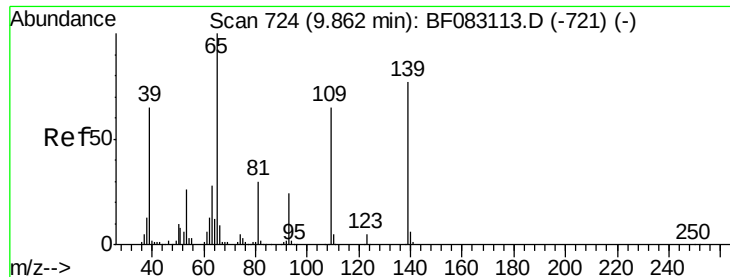
Tgt Ion:184 Resp: 306641
 Ion Ratio Lower Upper
 184 100
 63 37.4 60.5 90.7#
 154 49.1 54.3 81.5#



#54
 Dibenzofuran
 Concen: 37.29 ng
 RT: 9.88 min Scan# 691
 Delta R.T. -0.02 min
 Lab File: BF083202.D
 Acq: 23 Nov 2015 14:08

Tgt Ion:168 Resp: 1318004
 Ion Ratio Lower Upper
 168 100
 139 38.9 30.2 45.2
 169 14.4 10.9 16.3

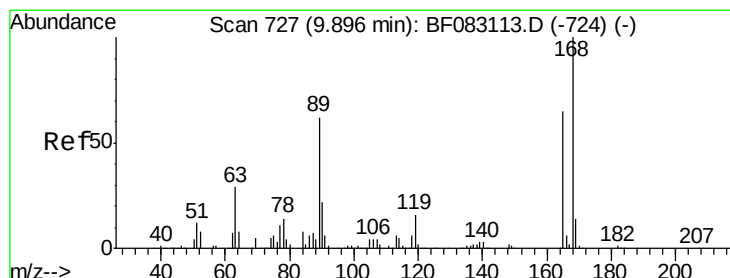
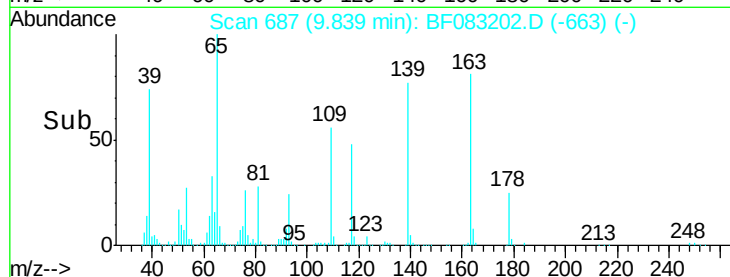
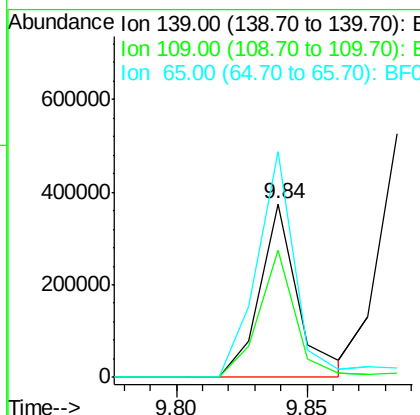
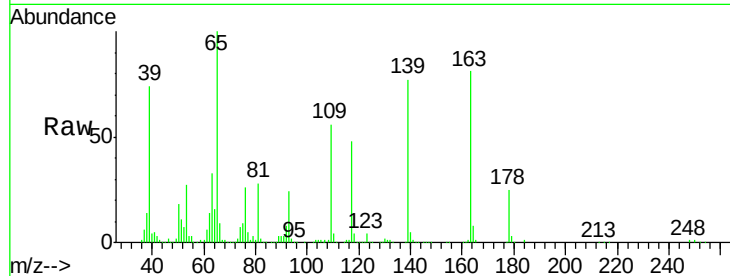




#55
4-Nitrophenol
Concen: 69.01 ng
RT: 9.84 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF083202.D
Acq: 23 Nov 2015 14:08

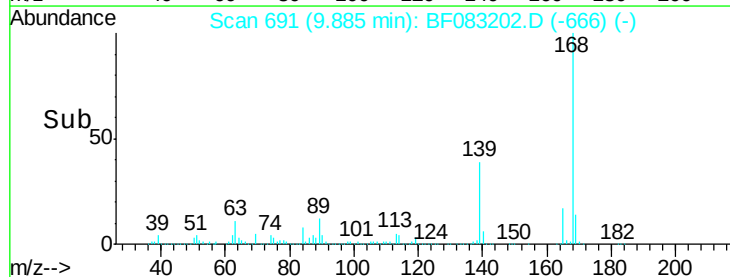
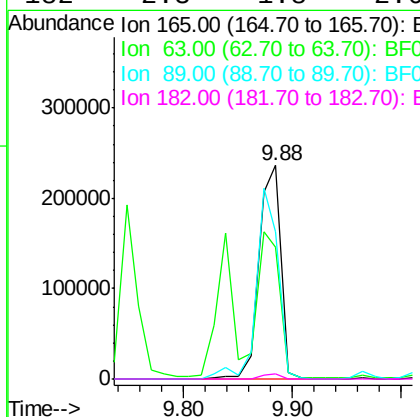
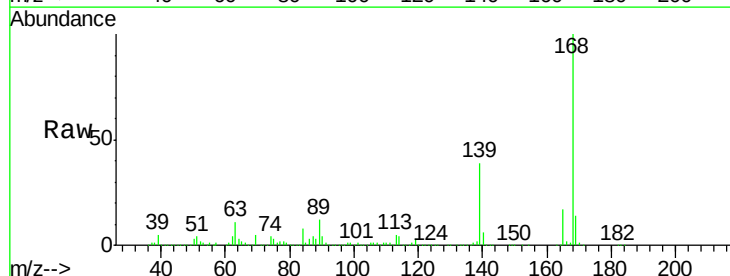
Instrument :
BNA_F
ClientSampleId :
PB86620BSD

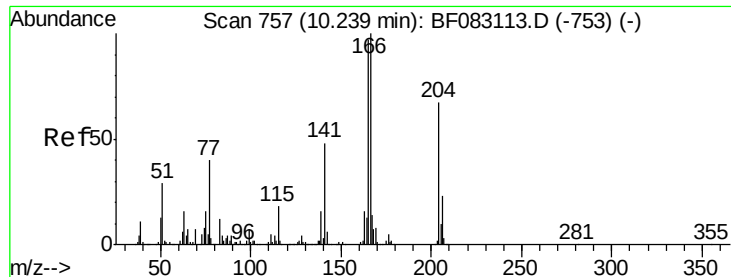
Tgt Ion:139 Resp: 386385
Ion Ratio Lower Upper
139 100
109 73.0 64.0 104.0
65 130.0 109.5 149.5



#56
2,4-Dinitrotoluene
Concen: 38.33 ng
RT: 9.88 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF083202.D
Acq: 23 Nov 2015 14:08

Tgt Ion:165 Resp: 332601
Ion Ratio Lower Upper
165 100
63 61.7 54.5 81.7
89 68.7 77.3 115.9#
182 2.3 1.8 2.6

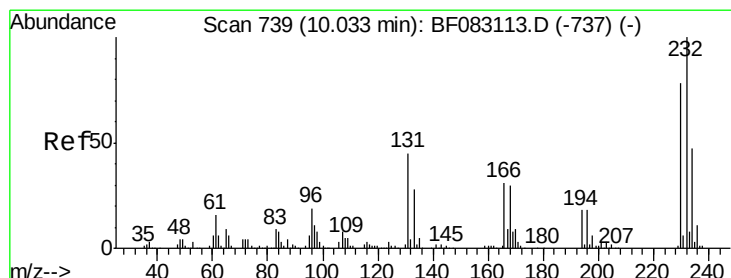
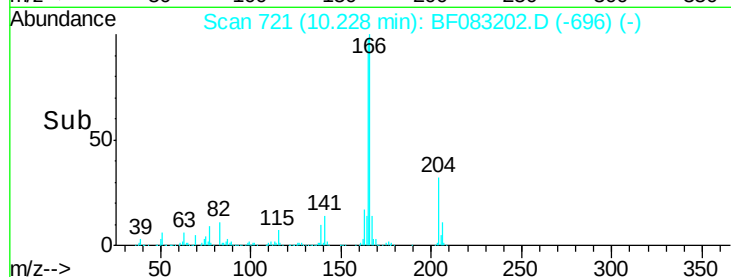
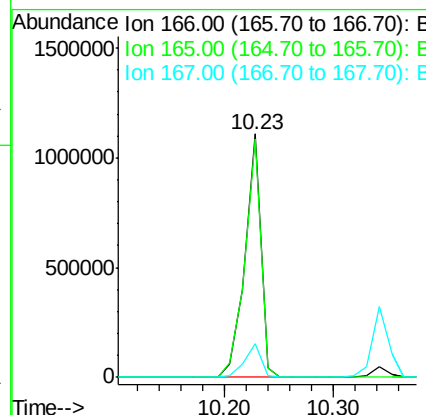
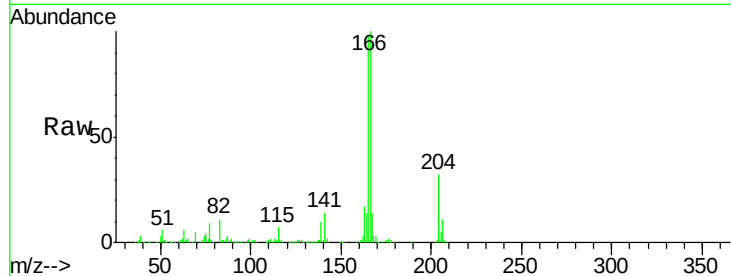




#57
 Fluorene
 Concen: 38.20 ng
 RT: 10.23 min Scan# 721
 Delta R.T. -0.01 min
 Lab File: BF083202.D
 Acq: 23 Nov 2015 14:08

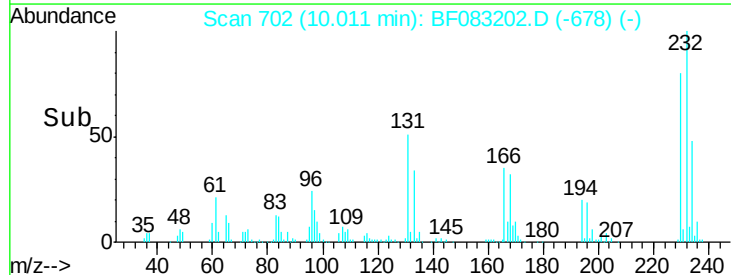
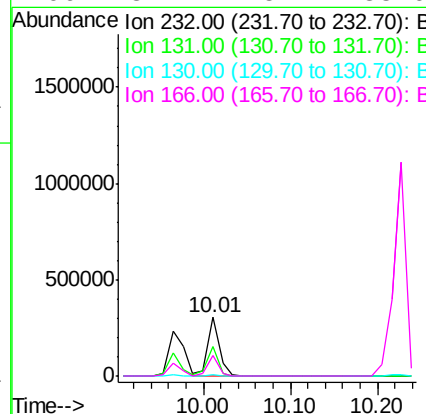
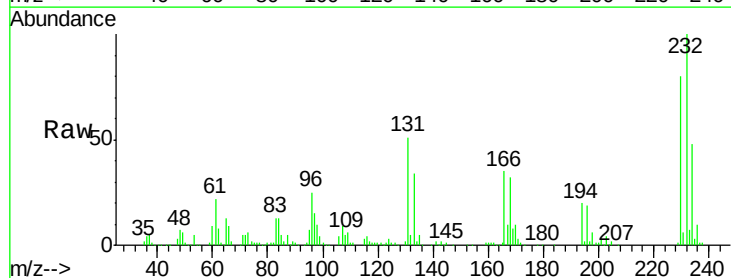
Instrument :
 BNA_F
 ClientSampleId :
 PB86620BSD

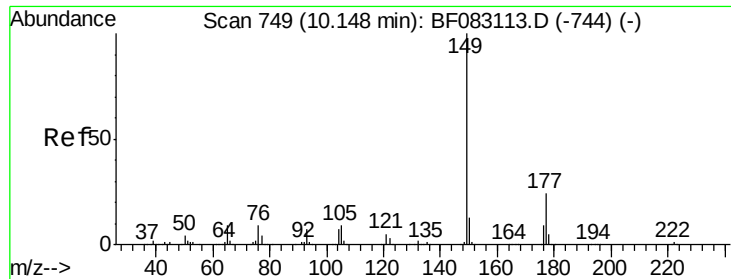
Tgt Ion:166 Resp: 1115853
 Ion Ratio Lower Upper
 166 100
 165 98.1 78.0 117.0
 167 13.8 11.3 16.9



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.02 ng
 RT: 10.01 min Scan# 702
 Delta R.T. -0.02 min
 Lab File: BF083202.D
 Acq: 23 Nov 2015 14:08

Tgt Ion:232 Resp: 285745
 Ion Ratio Lower Upper
 232 100
 131 48.7 38.6 57.8
 130 2.3 1.9 2.9
 166 32.7 25.4 38.0

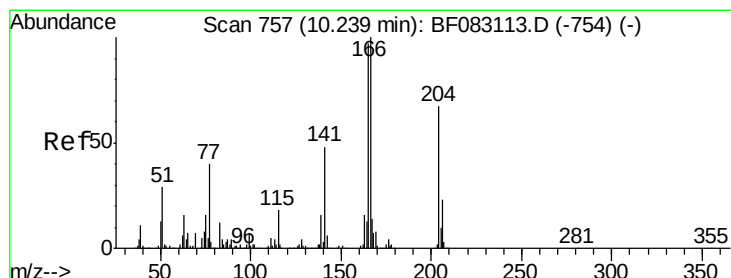
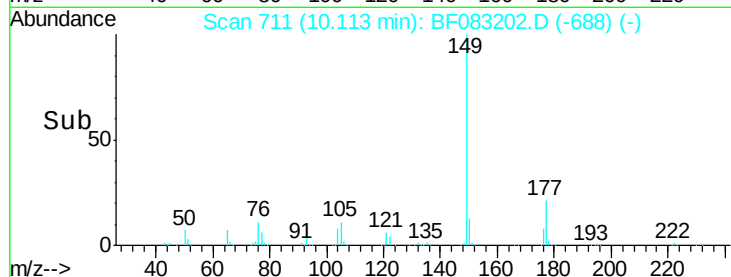
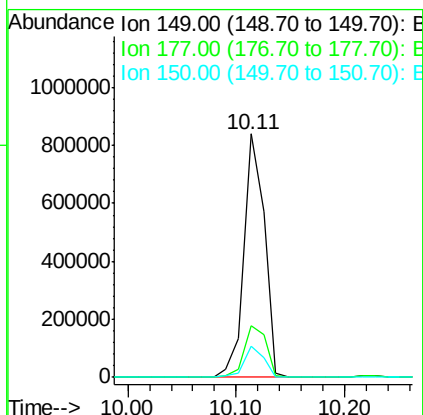
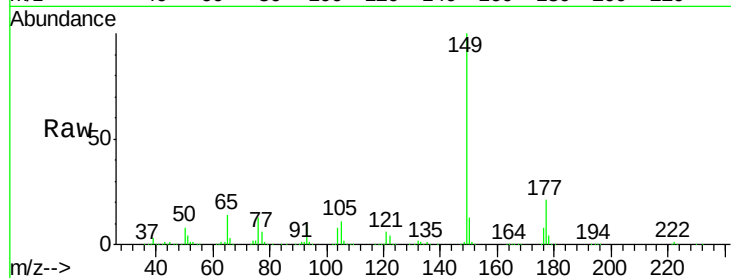




#59
Diethylphthalate
Concen: 35.92 ng
RT: 10.11 min Scan# 711
Delta R.T. -0.03 min
Lab File: BF083202.D
Acq: 23 Nov 2015 14:08

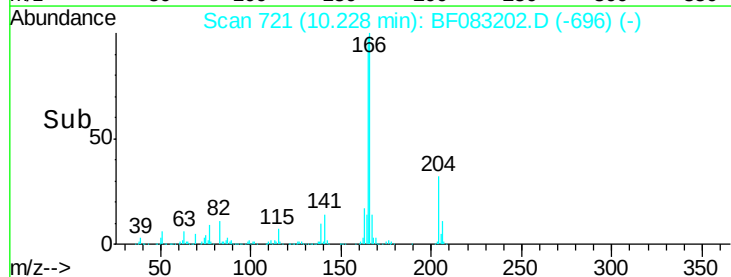
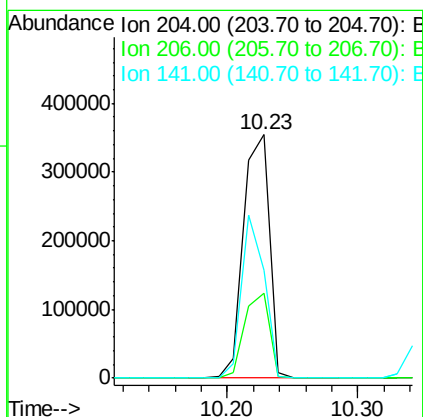
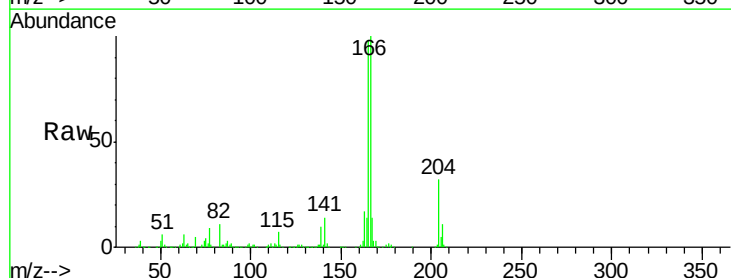
Instrument :
BNA_F
ClientSampled :
PB86620BSD

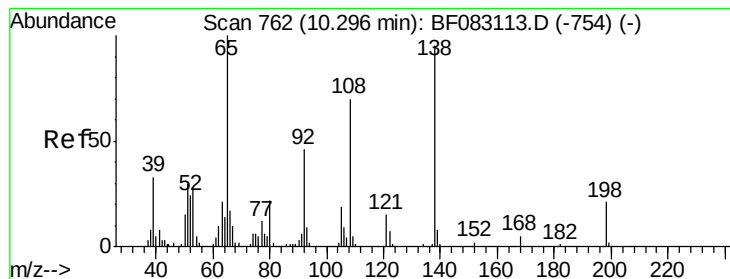
Tgt Ion:149 Resp: 1091398
Ion Ratio Lower Upper
149 100
177 21.1 19.4 29.2
150 13.0 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 36.45 ng
RT: 10.23 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF083202.D
Acq: 23 Nov 2015 14:08

Tgt Ion:204 Resp: 487615
Ion Ratio Lower Upper
204 100
206 34.9 27.4 41.0
141 44.5 57.4 86.2#





#61

4-Nitroaniline

Concen: 34.59 ng

RT: 10.26 min Scan# 724

Delta R.T. -0.03 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

Instrument :

BNA_F

ClientSampleId :

PB86620BSD

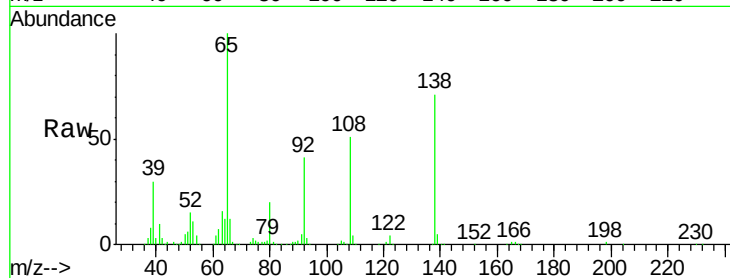
Tgt Ion:138 Resp: 248678

Ion Ratio Lower Upper

138 100

92 58.0 28.4 68.4

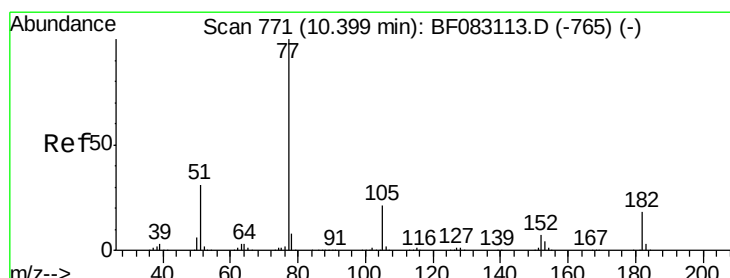
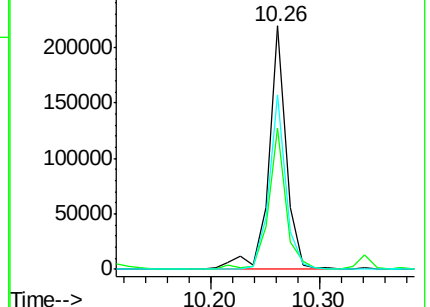
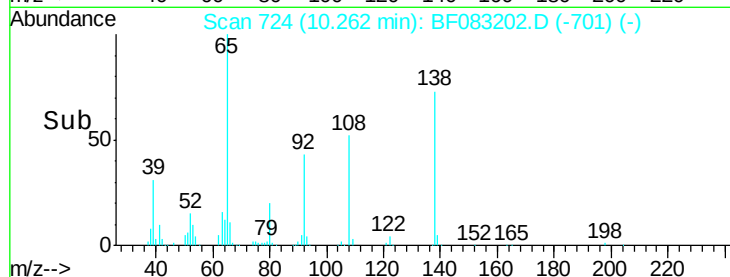
108 71.8 53.5 93.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.33 ng

RT: 10.38 min Scan# 734

Delta R.T. -0.02 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

Tgt Ion: 77 Resp: 1329249

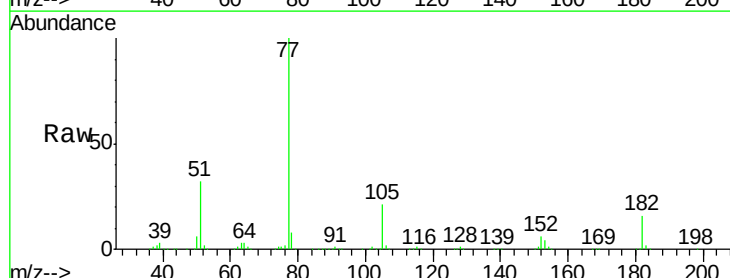
Ion Ratio Lower Upper

77 100

182 16.2 0.0 38.3

105 21.4 1.2 41.2

51 31.6 11.1 51.1

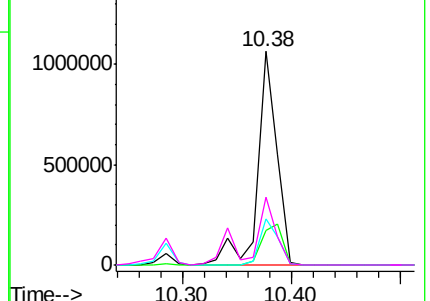
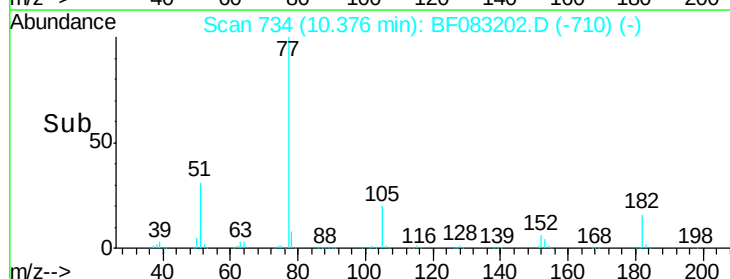


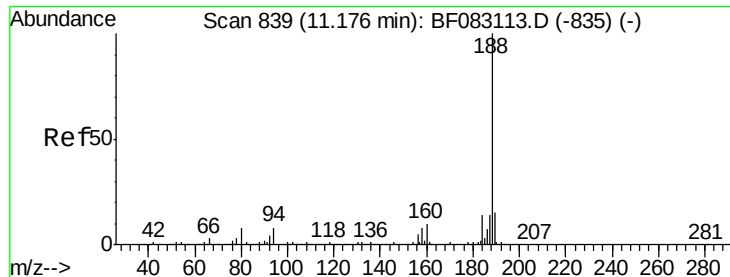
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

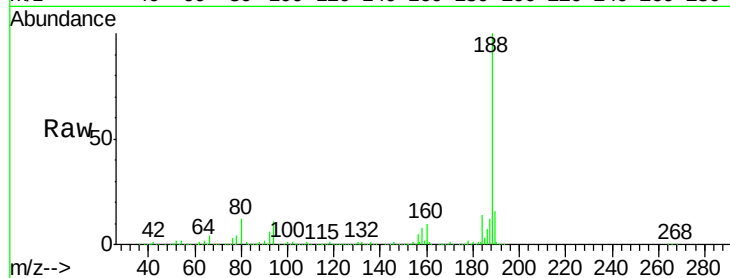




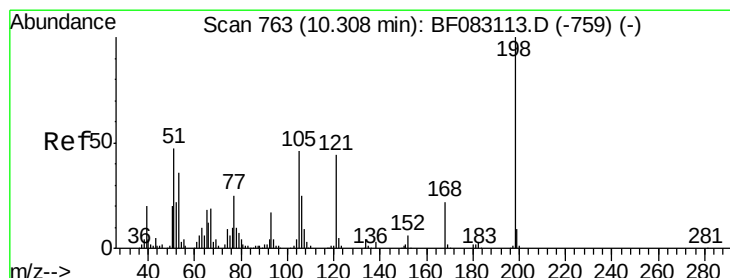
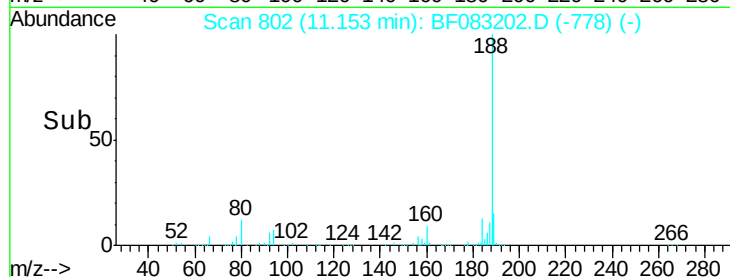
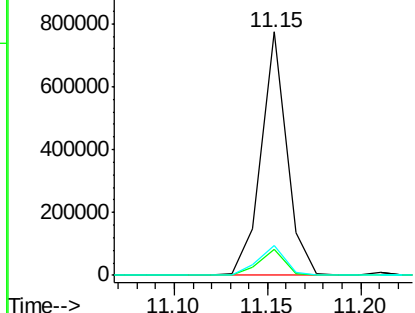
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF083202.D
Acq: 23 Nov 2015 14:08

Instrument :
BNA_F
ClientSampleId :
PB86620BSD

Tgt Ion:188 Resp: 731707
Ion Ratio Lower Upper
188 100
94 10.8 6.0 9.0#
80 12.0 6.7 10.1#

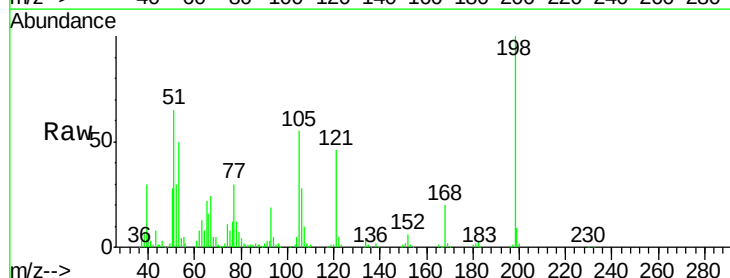


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

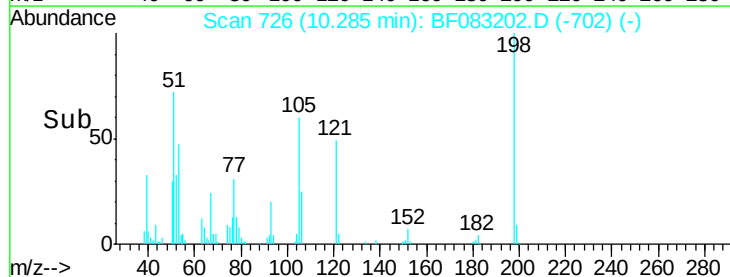
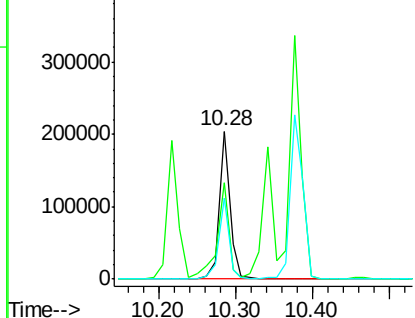


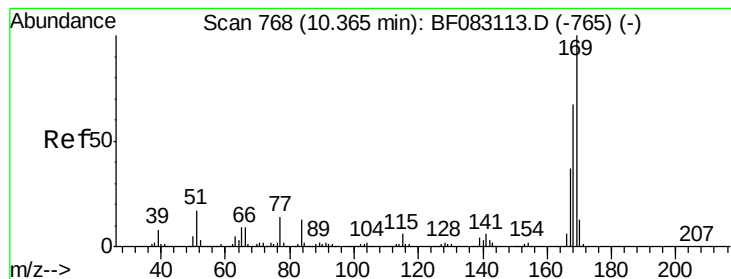
#64
4,6-Dinitro-2-methylphenol
Concen: 39.47 ng
RT: 10.28 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF083202.D
Acq: 23 Nov 2015 14:08

Tgt Ion:198 Resp: 199010
Ion Ratio Lower Upper
198 100
51 65.4 27.0 67.0
105 54.6 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: 36.09 ng

RT: 10.34 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

Instrument :

BNA_F

ClientSampleId :

PB86620BSD

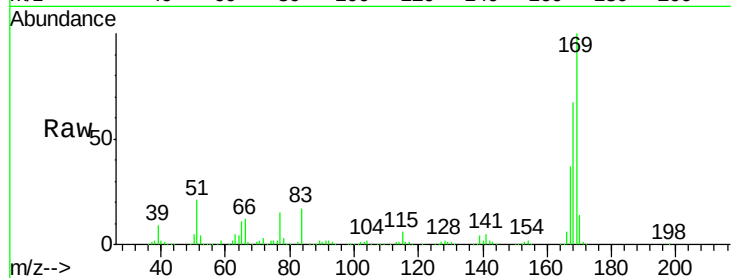
Tgt Ion:169 Resp: 898035

Ion Ratio Lower Upper

169 100

168 66.8 53.8 80.6

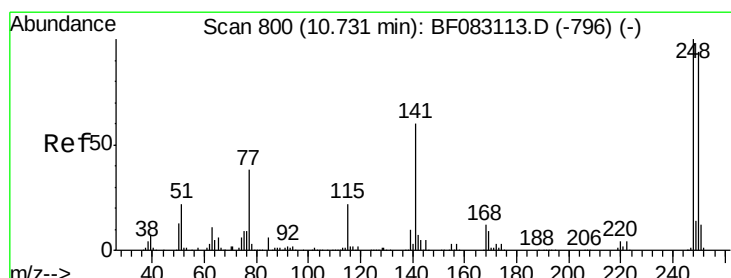
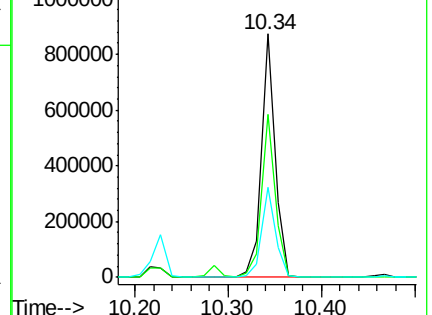
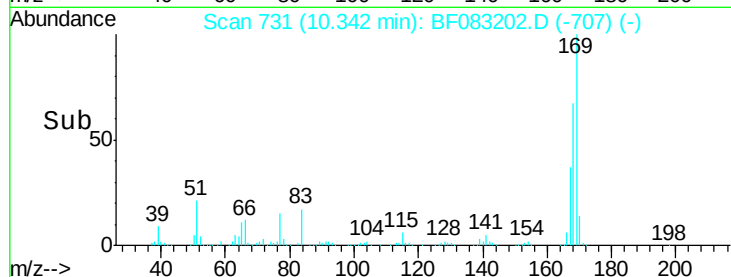
167 37.2 29.8 44.8



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: 38.46 ng

RT: 10.71 min Scan# 763

Delta R.T. -0.02 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

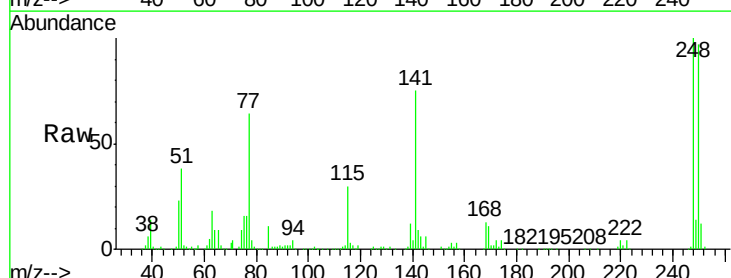
Tgt Ion:248 Resp: 312261

Ion Ratio Lower Upper

248 100

250 96.8 75.4 113.2

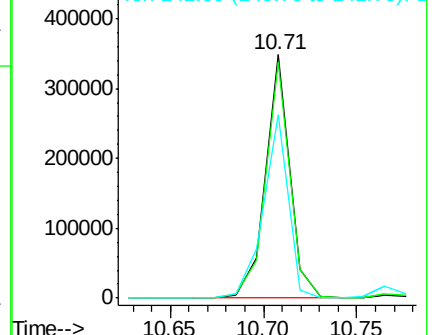
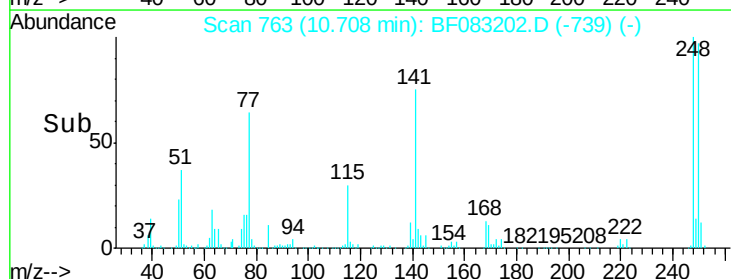
141 75.1 48.1 72.1#

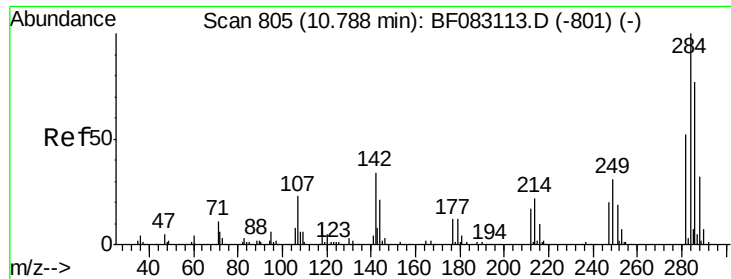


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.67 ng

RT: 10.78 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

Instrument :

BNA_F

ClientSampleId :

PB86620BSD

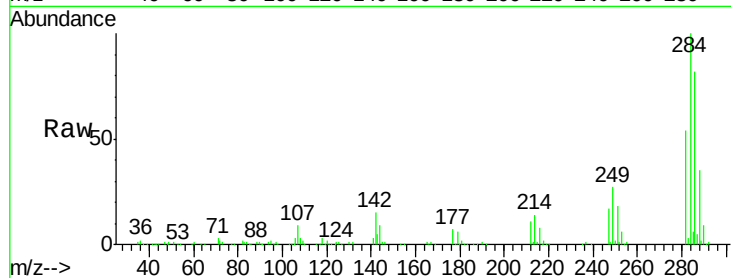
Tgt Ion:284 Resp: 336803

Ion Ratio Lower Upper

284 100

142 15.5 27.6 41.4#

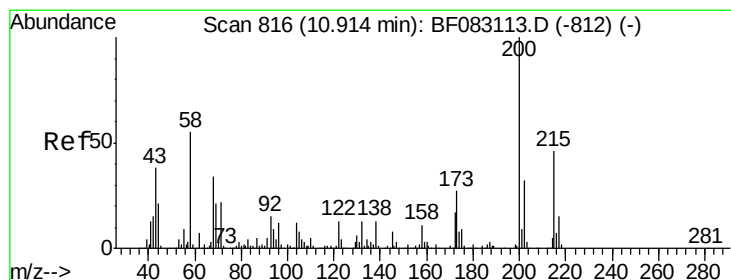
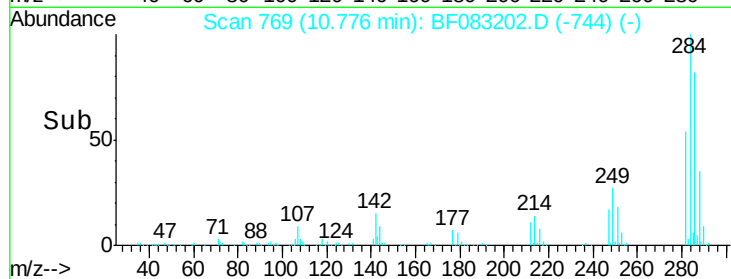
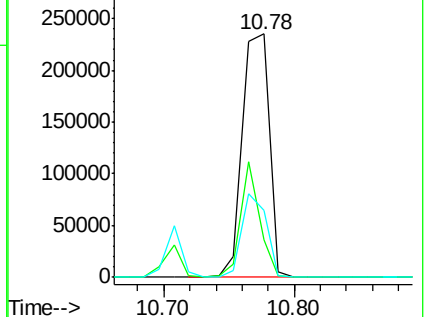
249 27.3 25.5 38.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 39.57 ng

RT: 10.88 min Scan# 778

Delta R.T. -0.03 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

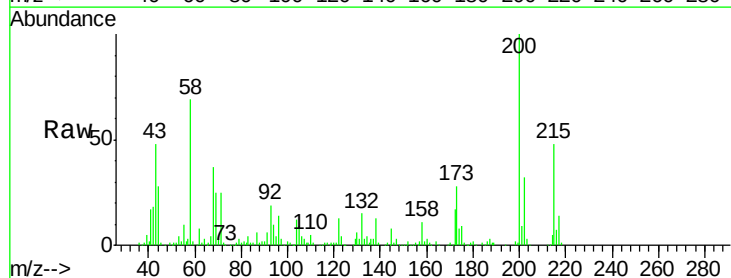
Tgt Ion:200 Resp: 285979

Ion Ratio Lower Upper

200 100

173 27.7 7.2 47.2

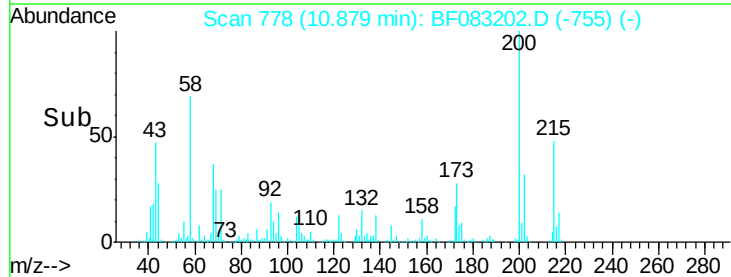
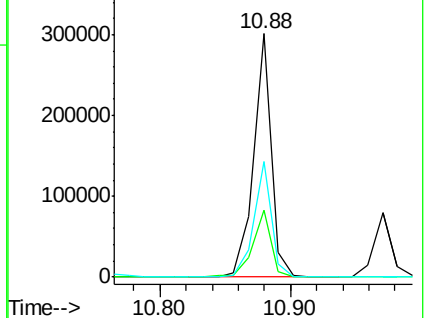
215 47.5 25.7 65.7

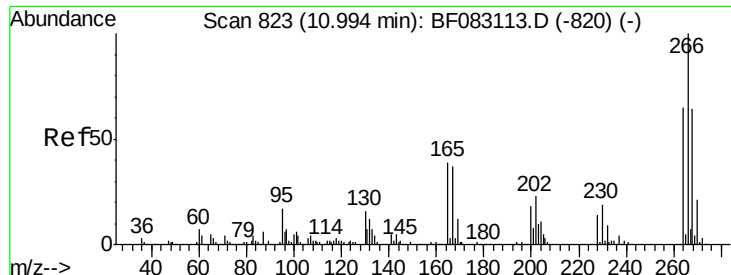


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

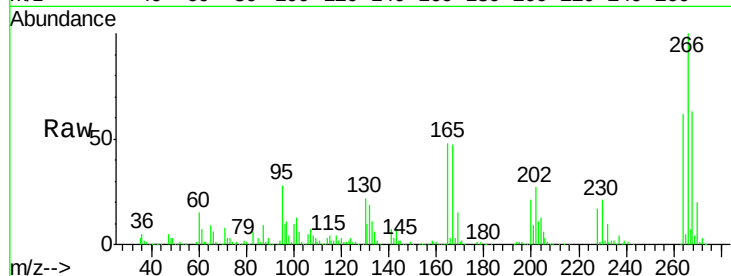




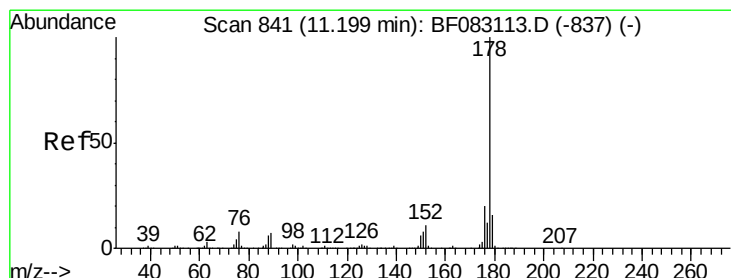
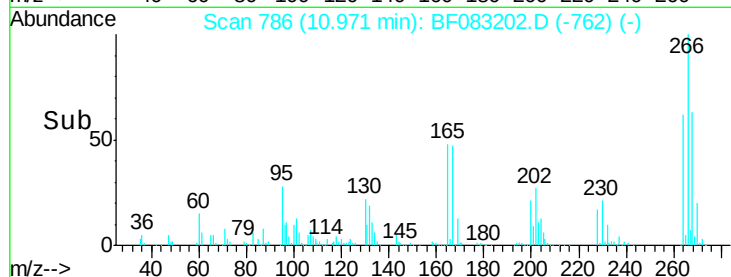
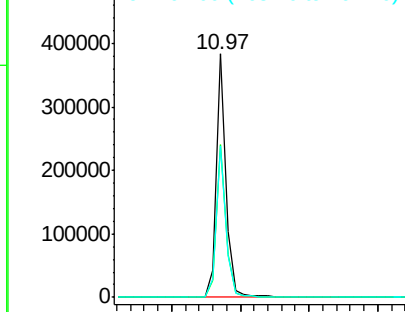
#69
 Pentachlorophenol
 Concen: 66.47 ng
 RT: 10.97 min Scan# 786
 Delta R.T. -0.02 min
 Lab File: BF083202.D
 Acq: 23 Nov 2015 14:08

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BSD

Tgt Ion:266 Resp: 387143
 Ion Ratio Lower Upper
 266 100
 268 62.7 51.4 77.0
 264 62.4 51.7 77.5

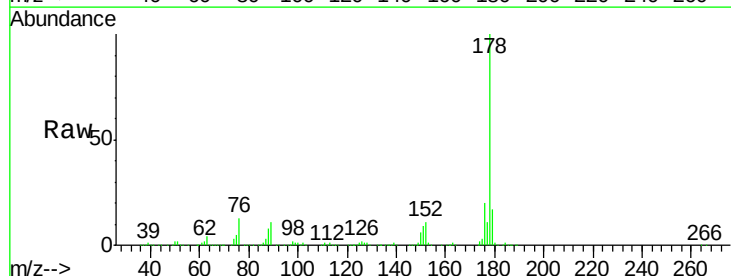


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

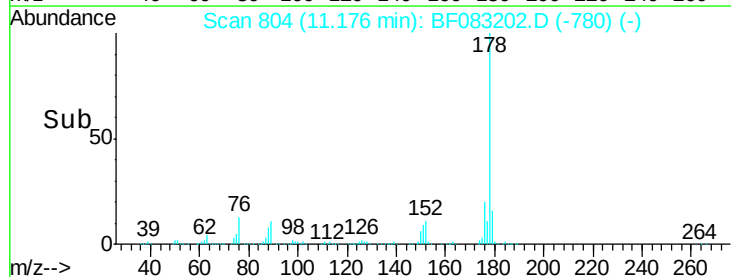
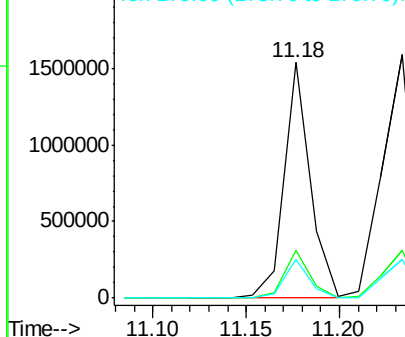


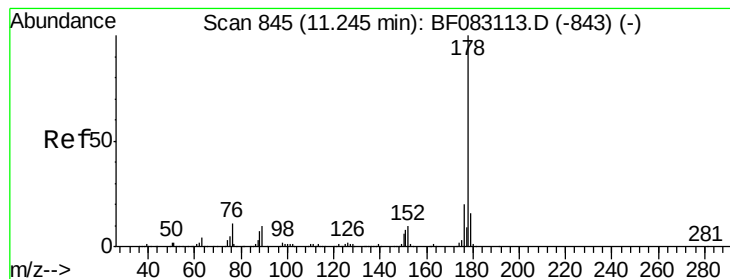
#70
 Phenanthrene
 Concen: 35.66 ng
 RT: 11.18 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: BF083202.D
 Acq: 23 Nov 2015 14:08

Tgt Ion:178 Resp: 1503269
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.2 24.2
 179 16.5 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: 39.72 ng

RT: 11.23 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

Instrument :

BNA_F

ClientSampleId :

PB86620BSD

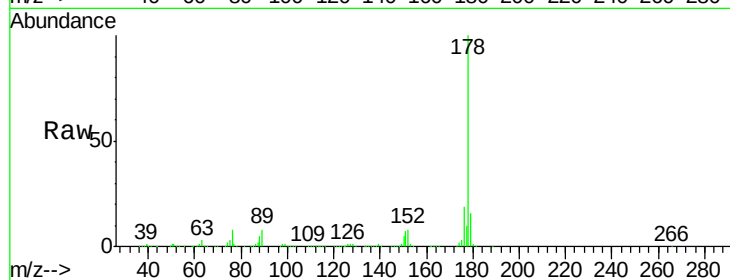
Tgt Ion:178 Resp: 1708336

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

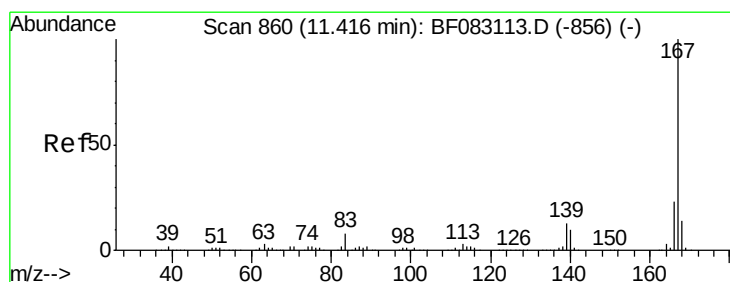
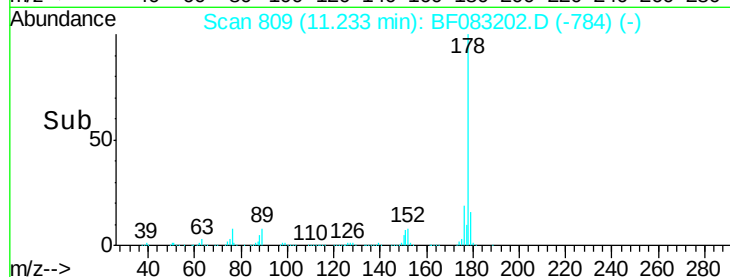
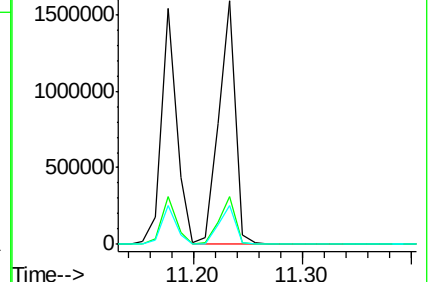
179 16.1 13.2 19.8



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: 39.20 ng

RT: 11.39 min Scan# 823

Delta R.T. -0.02 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

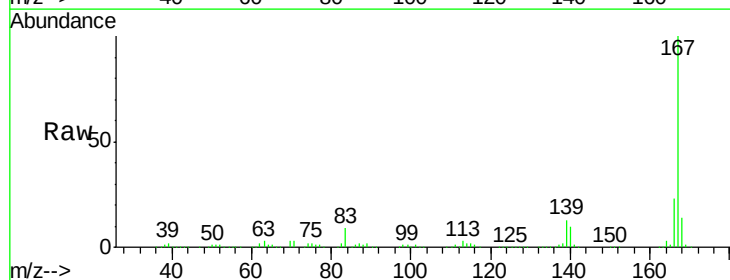
Tgt Ion:167 Resp: 1498451

Ion Ratio Lower Upper

167 100

166 22.9 18.0 27.0

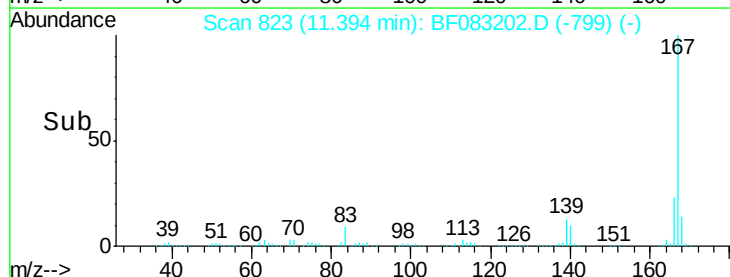
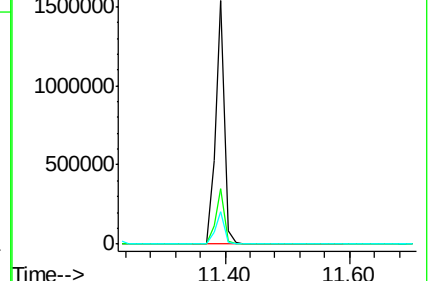
139 13.1 10.5 15.7

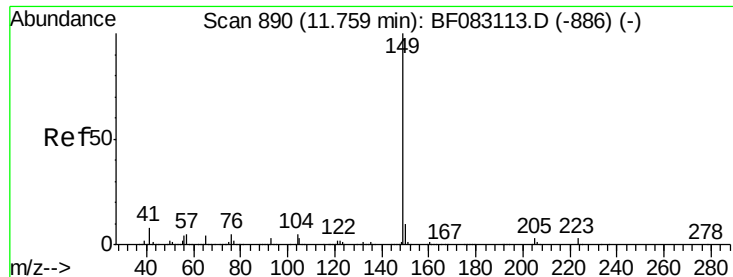


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.88 ng

RT: 11.74 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

Instrument :

BNA_F

ClientSampleId :

PB86620BSD

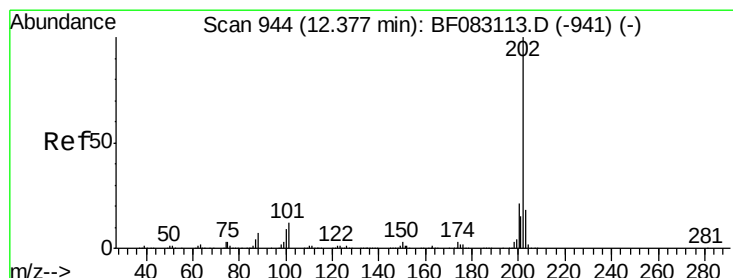
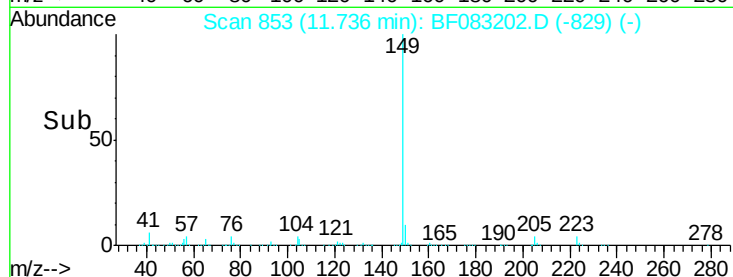
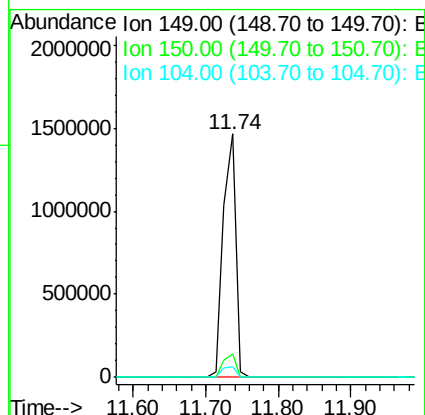
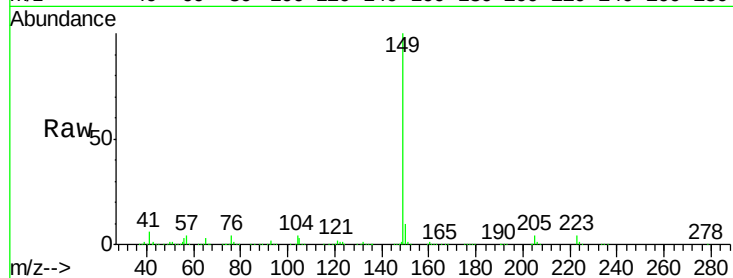
Tgt Ion:149 Resp: 1767797

Ion Ratio Lower Upper

149 100

150 9.7 8.0 12.0

104 4.2 4.4 6.6#



#74

Fluoranthene

Concen: 36.55 ng

RT: 12.35 min Scan# 907

Delta R.T. -0.02 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

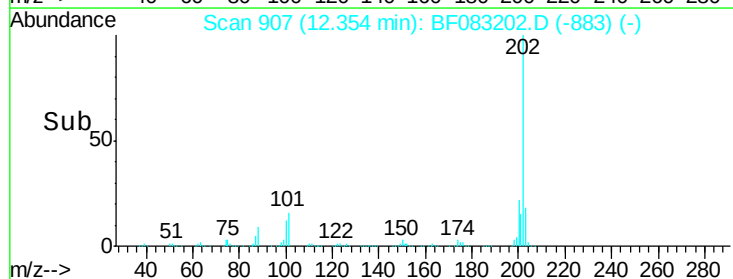
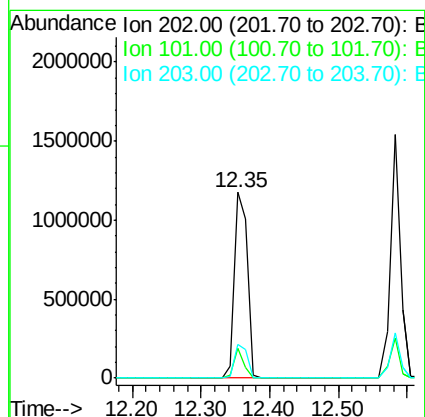
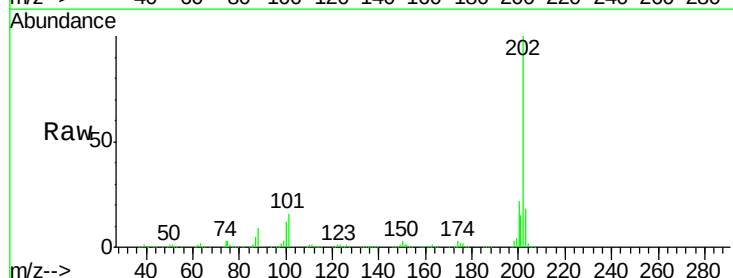
Tgt Ion:202 Resp: 1576842

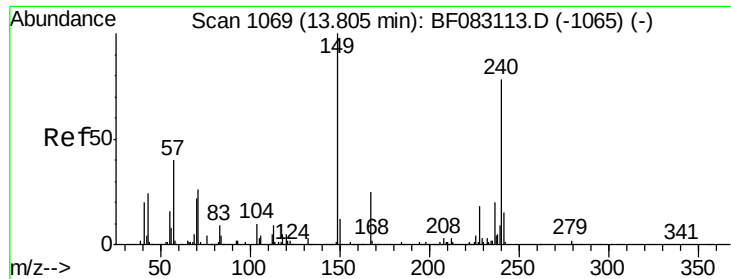
Ion Ratio Lower Upper

202 100

101 16.4 0.0 32.3

203 18.4 0.0 38.4

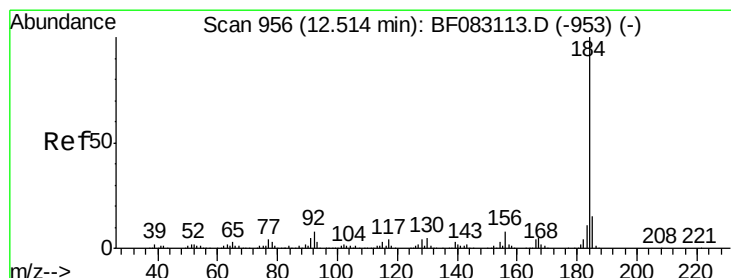
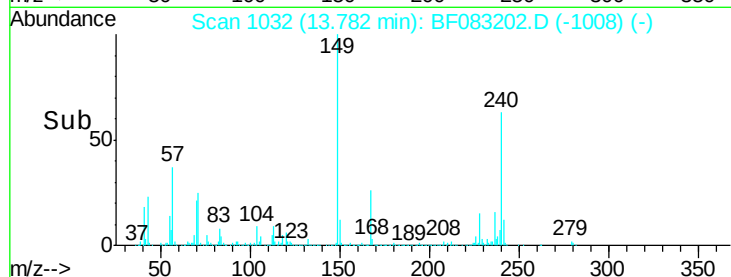
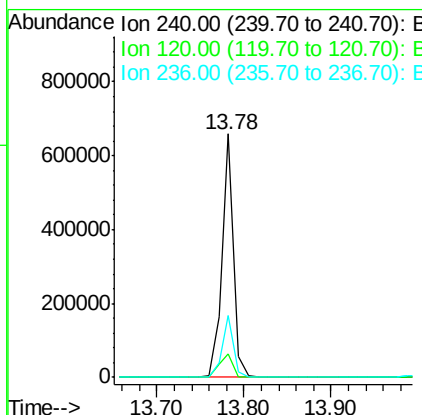
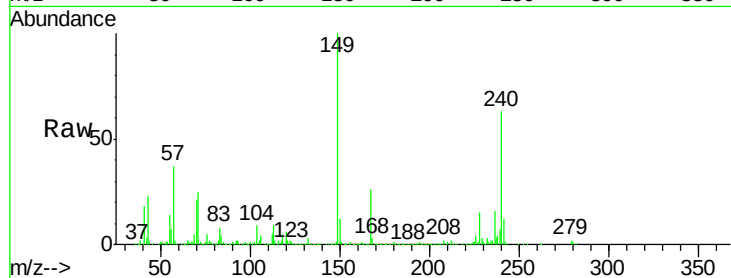




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.78 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF083202.D
Acq: 23 Nov 2015 14:08

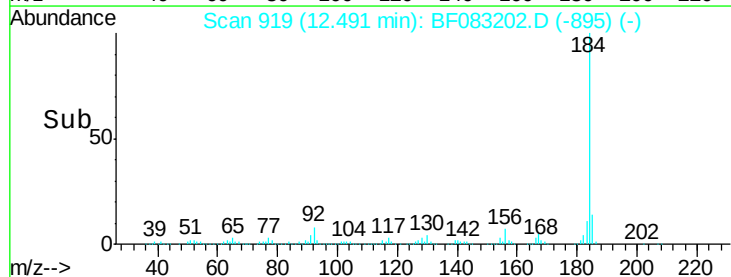
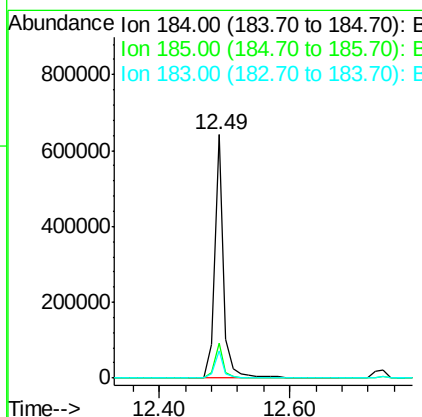
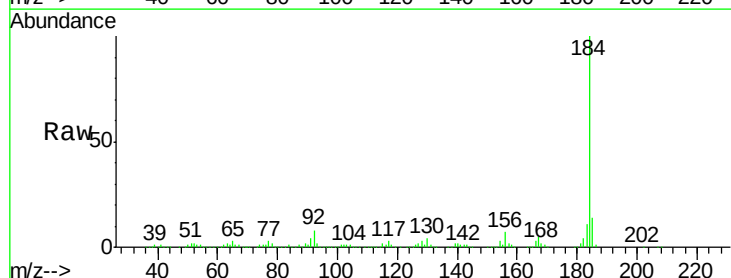
Instrument :
BNA_F
ClientSampleId :
PB86620BSD

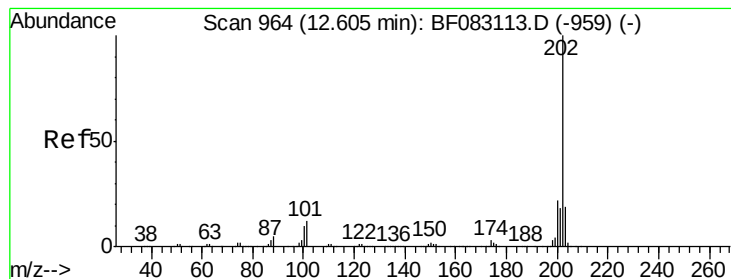
Tgt Ion:240 Resp: 610649
Ion Ratio Lower Upper
240 100
120 9.6 5.4 8.2#
236 25.5 20.6 31.0



#76
Benzidine
Concen: 38.82 ng
RT: 12.49 min Scan# 919
Delta R.T. -0.02 min
Lab File: BF083202.D
Acq: 23 Nov 2015 14:08

Tgt Ion:184 Resp: 621301
Ion Ratio Lower Upper
184 100
185 14.4 11.7 17.5
183 11.1 8.8 13.2





#77

Pyrene

Concen: 37.67 ng

RT: 12.58 min Scan# 927

Delta R.T. -0.02 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

Instrument :

BNA_F

ClientSampleId :

PB86620BSD

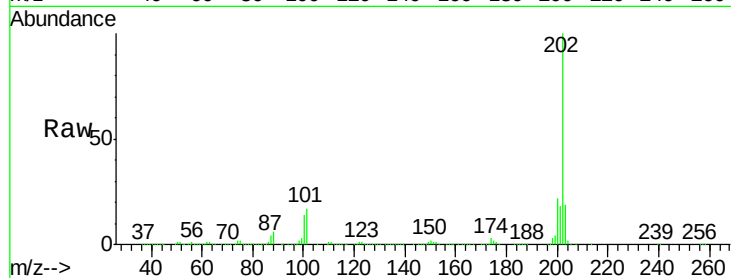
Tgt Ion:202 Resp: 1571632

Ion Ratio Lower Upper

202 100

200 21.6 17.8 26.6

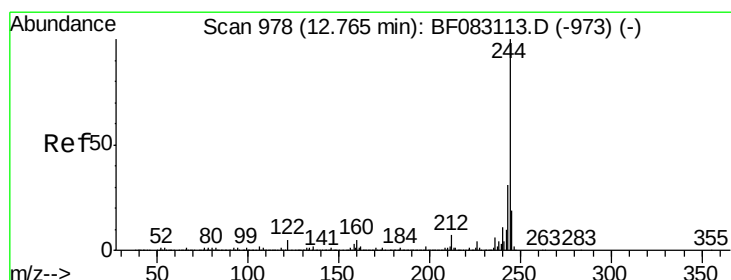
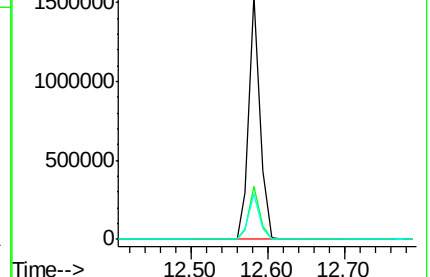
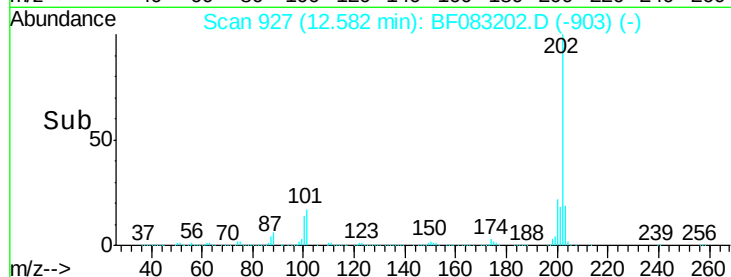
203 18.6 15.0 22.4



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: 76.75 ng

RT: 12.74 min Scan# 941

Delta R.T. -0.02 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

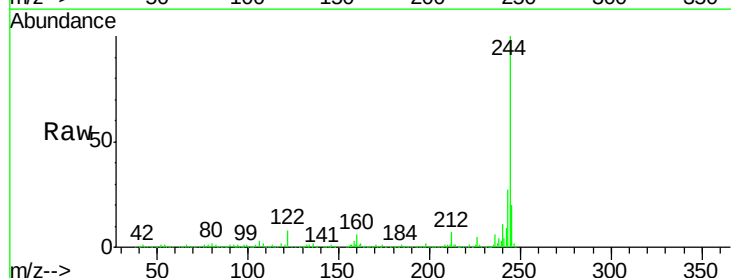
Tgt Ion:244 Resp: 1990355

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.2

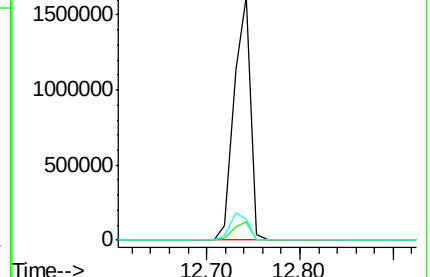
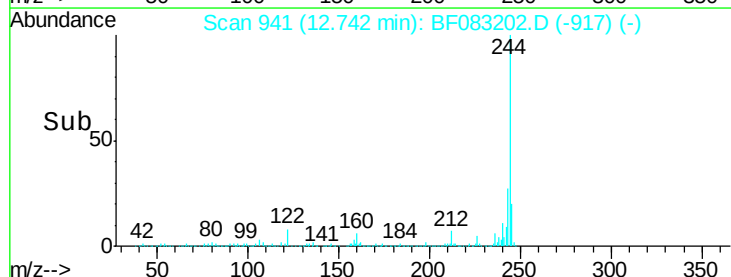
122 8.4 4.3 6.5#

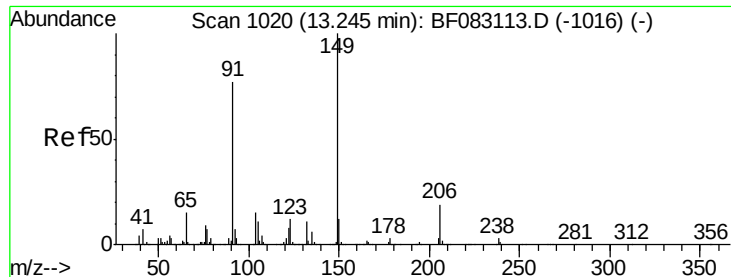


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

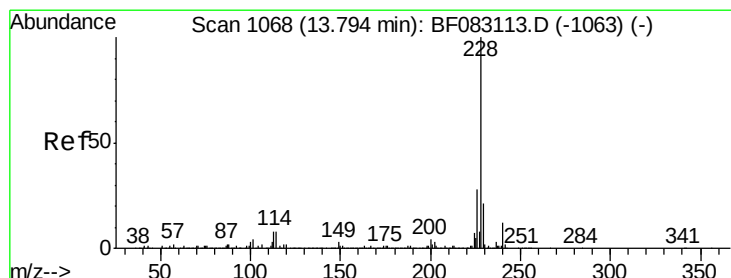
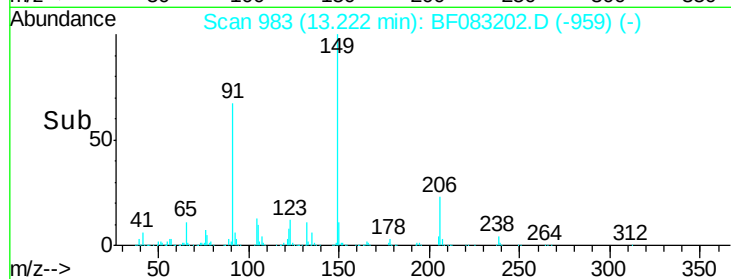
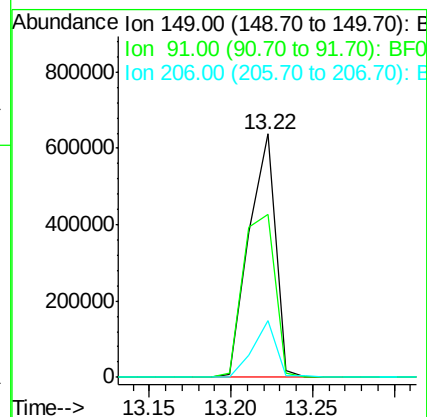
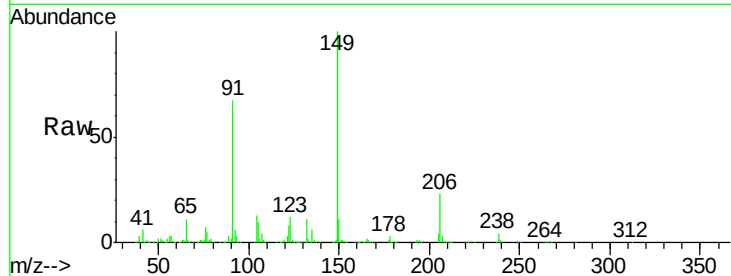




#79
Butylbenzylphthalate
Concen: 36.39 ng
RT: 13.22 min Scan# 983
Delta R.T. -0.02 min
Lab File: BF083202.D
Acq: 23 Nov 2015 14:08

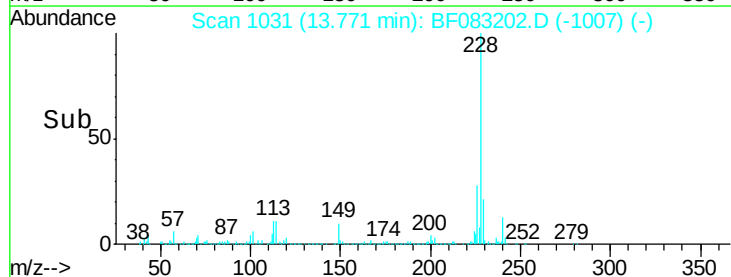
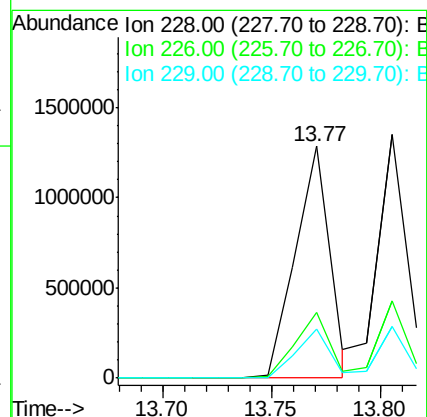
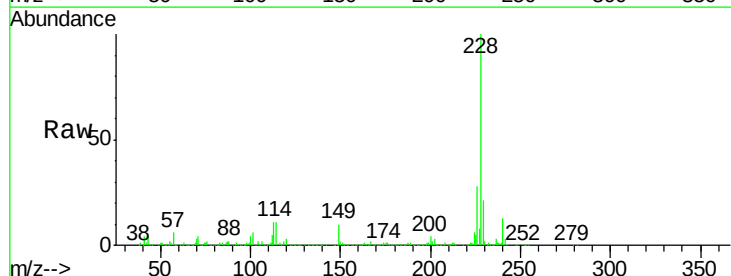
Instrument :
BNA_F
ClientSampleId :
PB86620BSD

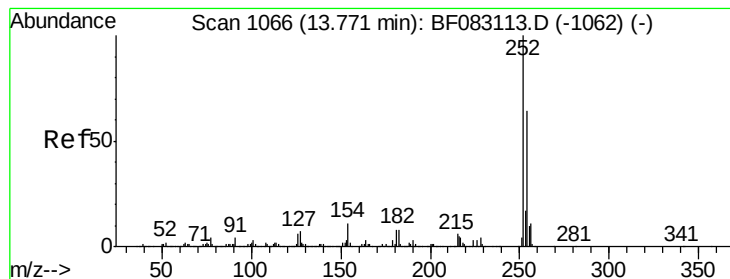
Tgt Ion:149 Resp: 718583
Ion Ratio Lower Upper
149 100
91 67.0 61.5 92.3
206 23.3 15.3 22.9#



#80
Benzo(a)anthracene
Concen: 37.78 ng
RT: 13.77 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF083202.D
Acq: 23 Nov 2015 14:08

Tgt Ion:228 Resp: 1426982
Ion Ratio Lower Upper
228 100
226 28.5 22.6 33.8
229 21.1 16.6 24.8

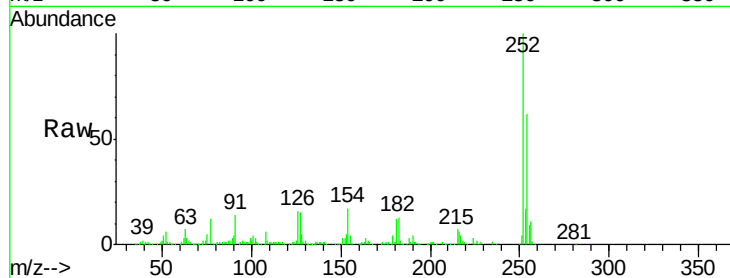




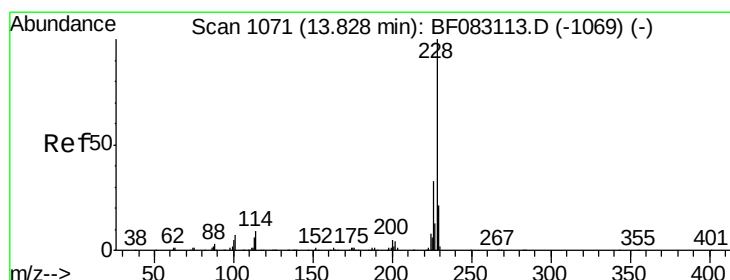
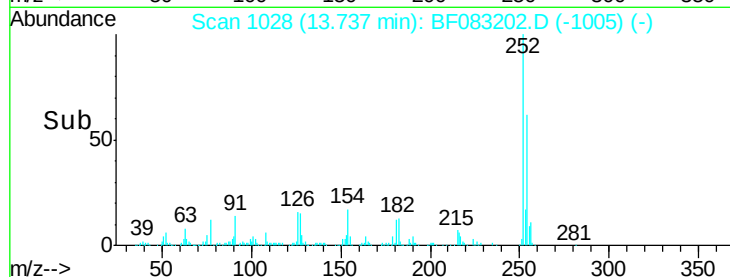
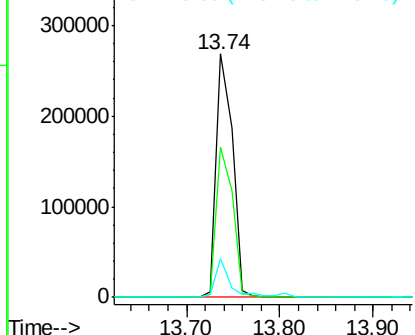
#81
 3,3'-Dichlorobenzidine
 Concen: 24.81 ng
 RT: 13.74 min Scan# 1028
 Delta R.T. -0.03 min
 Lab File: BF083202.D
 Acq: 23 Nov 2015 14:08

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BSD

Tgt Ion:252 Resp: 326066
 Ion Ratio Lower Upper
 252 100
 254 61.6 51.5 77.3
 126 15.9 5.2 7.8#

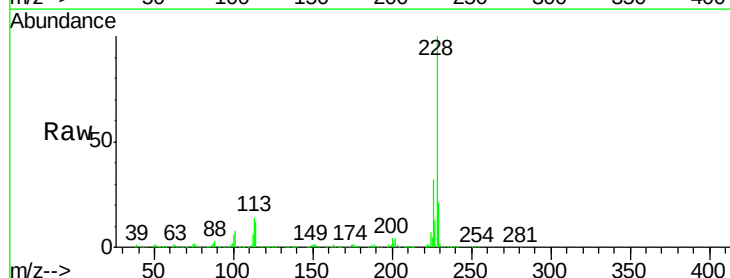


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

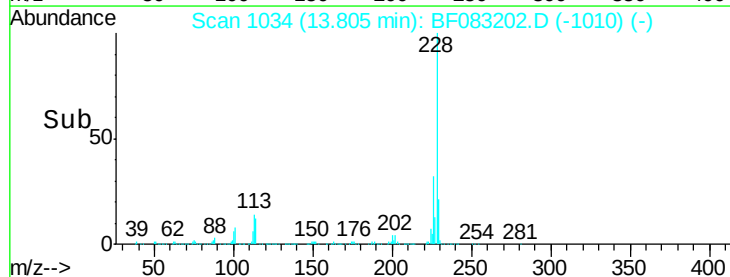
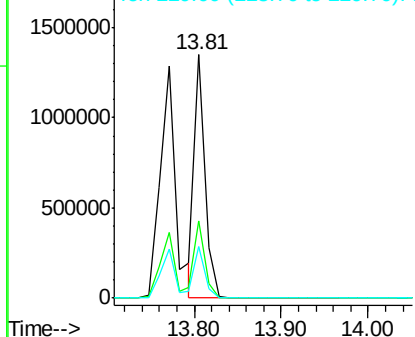


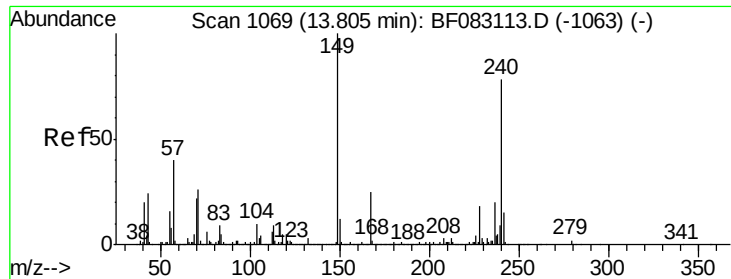
#82
 Chrysene
 Concen: 32.47 ng
 RT: 13.81 min Scan# 1034
 Delta R.T. -0.02 min
 Lab File: BF083202.D
 Acq: 23 Nov 2015 14:08

Tgt Ion:228 Resp: 1137316
 Ion Ratio Lower Upper
 228 100
 226 31.7 25.5 38.3
 229 21.1 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: 36.45 ng

RT: 13.78 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

Instrument :

BNA_F

ClientSampleId :

PB86620BSD

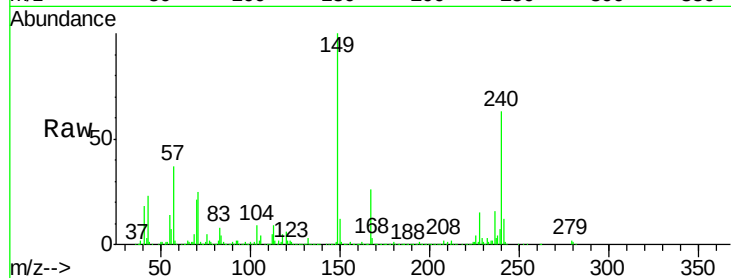
Tgt Ion:149 Resp: 940076

Ion Ratio Lower Upper

149 100

167 26.5 20.1 30.1

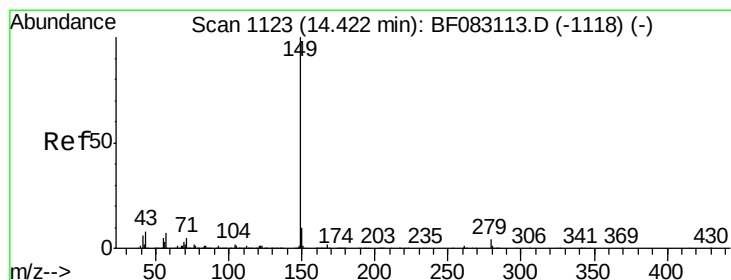
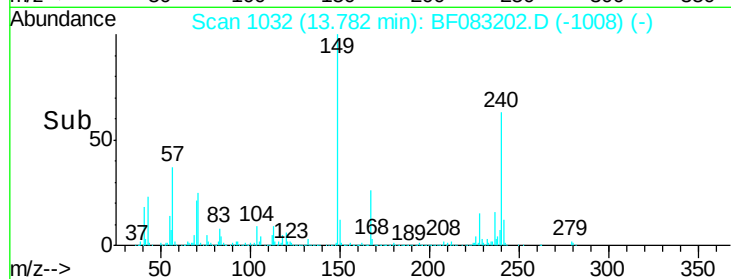
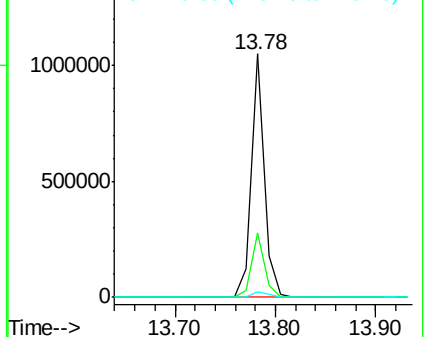
279 2.4 1.7 2.5



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: 35.61 ng

RT: 14.39 min Scan# 1085

Delta R.T. -0.03 min

Lab File: BF083202.D

Acq: 23 Nov 2015 14:08

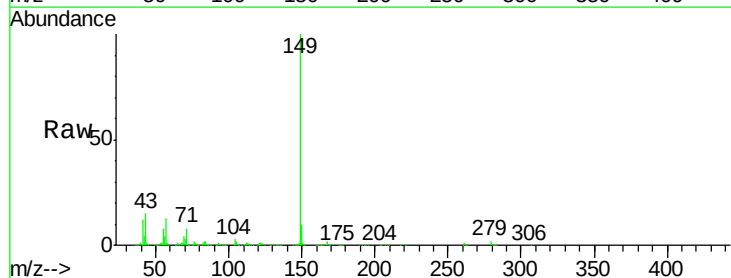
Tgt Ion:149 Resp: 1580619

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

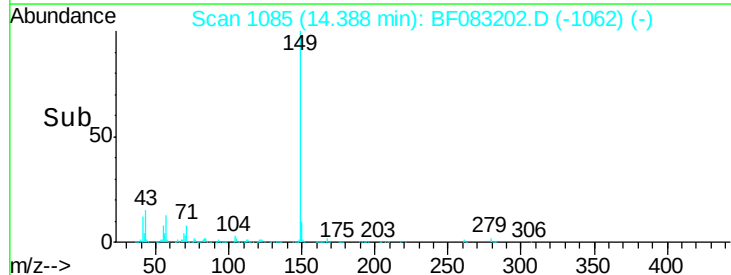
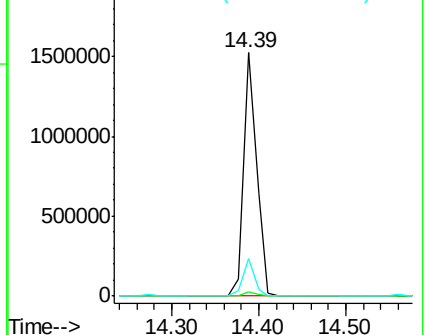
43 13.7 9.5 14.3

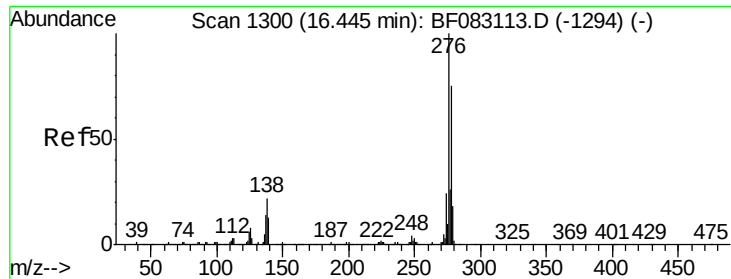


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

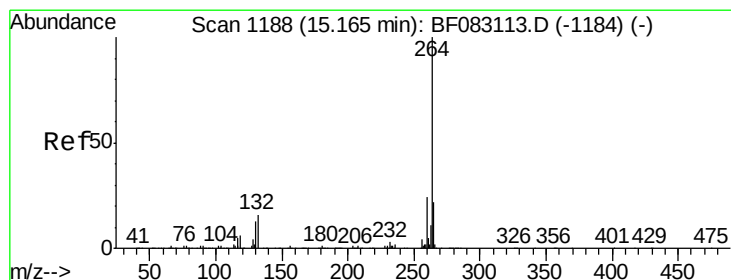
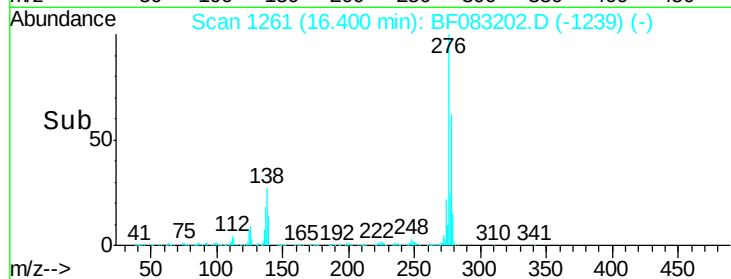
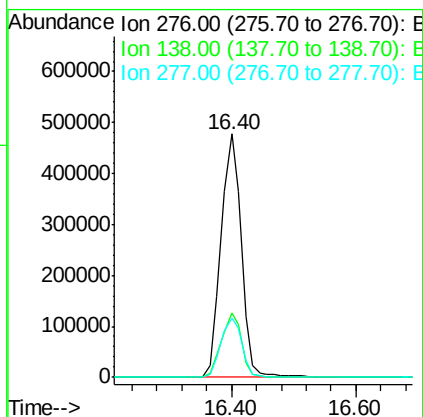
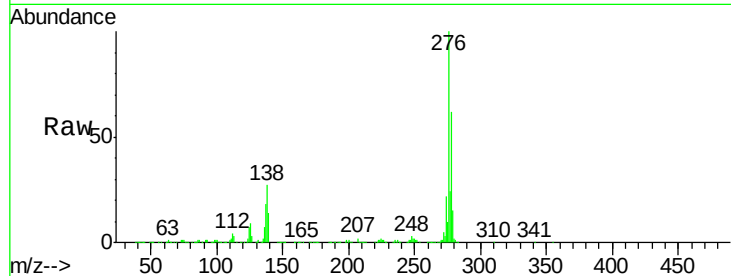




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.85 ng
 RT: 16.40 min Scan# 1261
 Delta R.T. -0.05 min
 Lab File: BF083202.D
 Acq: 23 Nov 2015 14:08

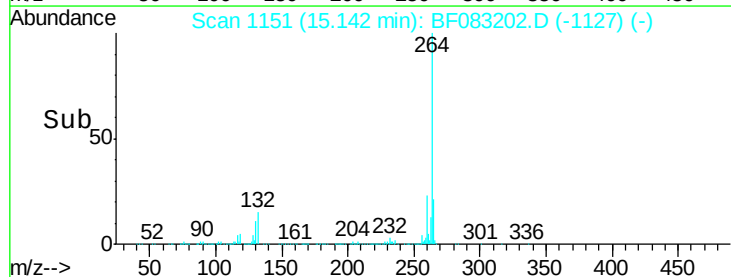
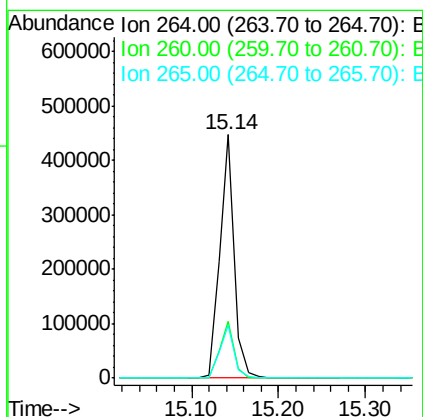
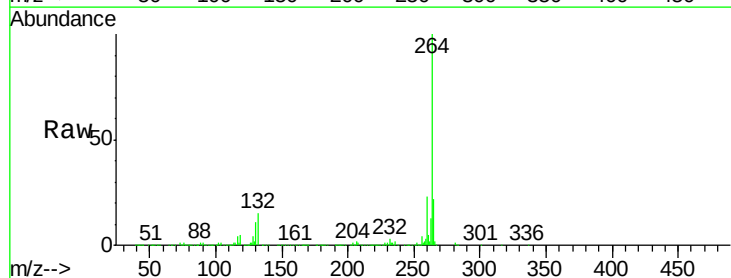
Instrument :
 BNA_F
 ClientSampleId :
 PB86620BSD

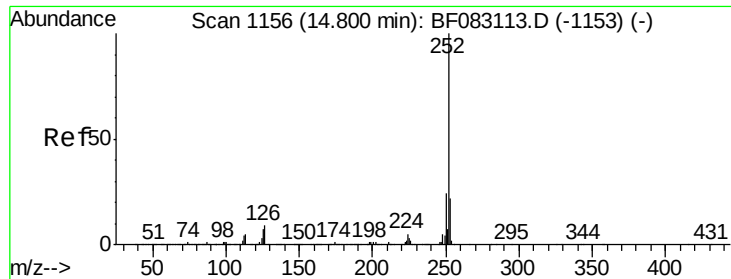
Tgt Ion: 276 Resp: 1078452
 Ion Ratio Lower Upper
 276 100
 138 26.5 18.0 27.0
 277 25.2 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1151
 Delta R.T. -0.02 min
 Lab File: BF083202.D
 Acq: 23 Nov 2015 14:08

Tgt Ion: 264 Resp: 521861
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.1 28.7
 265 21.5 18.2 27.4

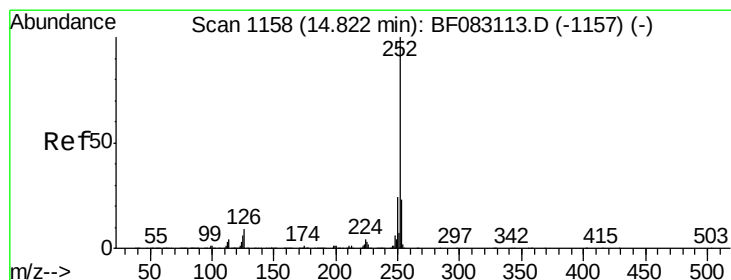
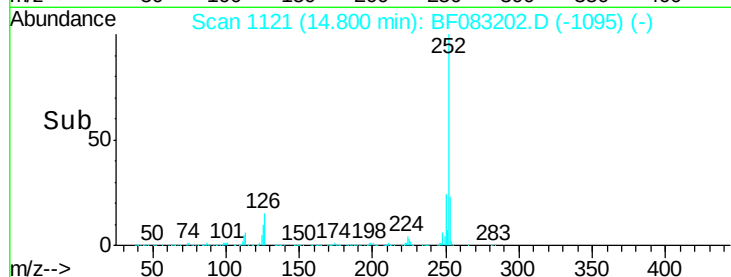
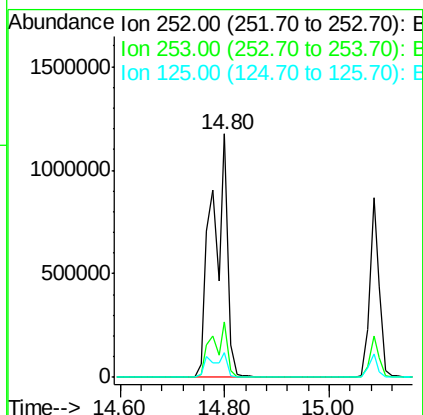
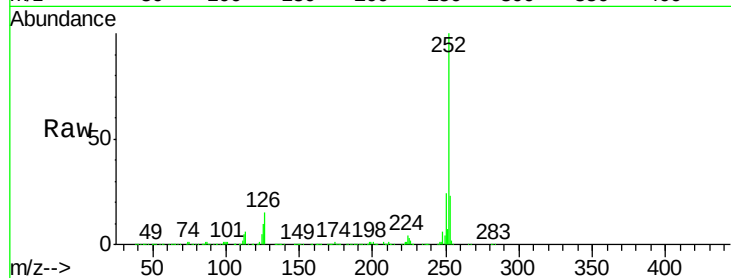




#87
Benzo(b)fluoranthene
Concen: 67.73 ng
RT: 14.80 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BF083202.D
Acq: 23 Nov 2015 14:08

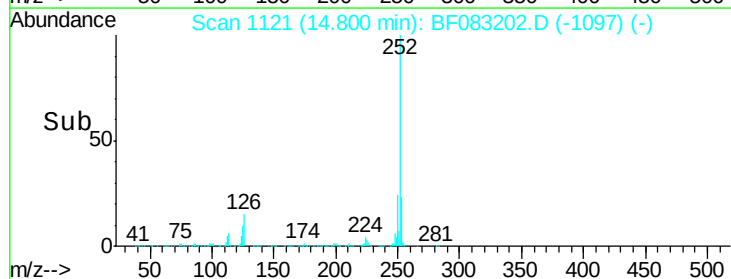
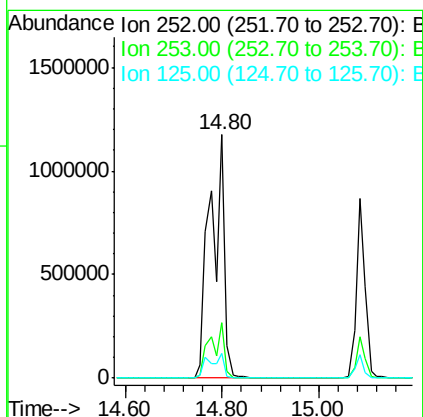
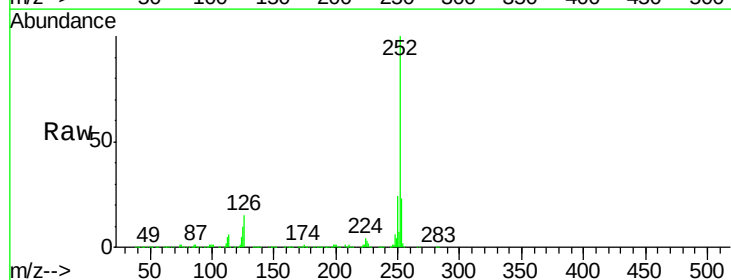
Instrument :
BNA_F
ClientSampleId :
PB86620BSD

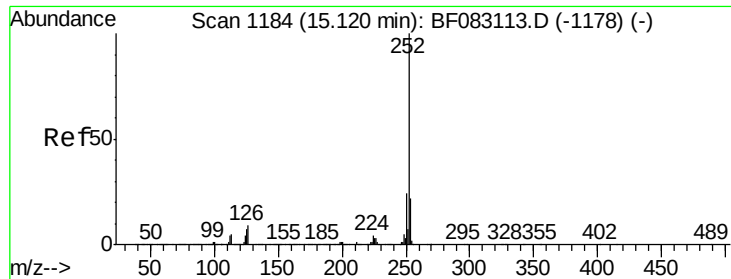
Tgt Ion:252 Resp: 2415057
Ion Ratio Lower Upper
252 100
253 22.9 17.7 26.5
125 10.0 5.6 8.4#



#88
Benzo(k)fluoranthene
Concen: 90.93 ng
RT: 14.80 min Scan# 1121
Delta R.T. -0.02 min
Lab File: BF083202.D
Acq: 23 Nov 2015 14:08

Tgt Ion:252 Resp: 2415766
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.2
125 10.0 6.8 10.2

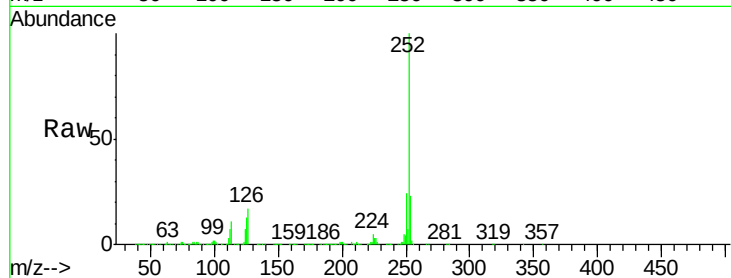




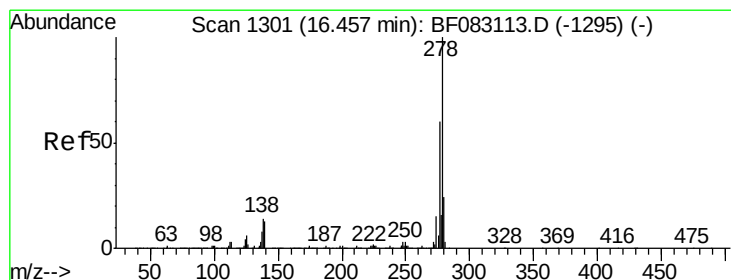
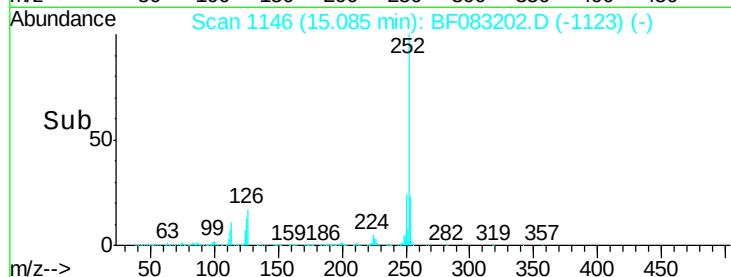
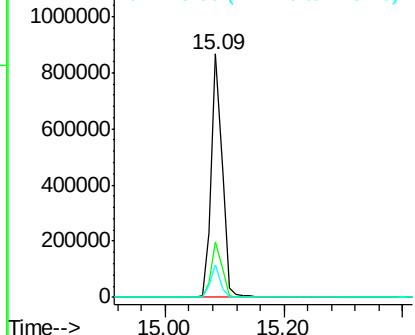
#89
Benzo(a)pyrene
Concen: 37.39 ng
RT: 15.09 min Scan# 1146
Delta R.T. -0.03 min
Lab File: BF083202.D
Acq: 23 Nov 2015 14:08

Instrument :
BNA_F
ClientSampleId :
PB86620BSD

Tgt Ion:252 Resp: 1100708
Ion Ratio Lower Upper
252 100
253 23.0 17.5 26.3
125 13.3 5.4 8.0#

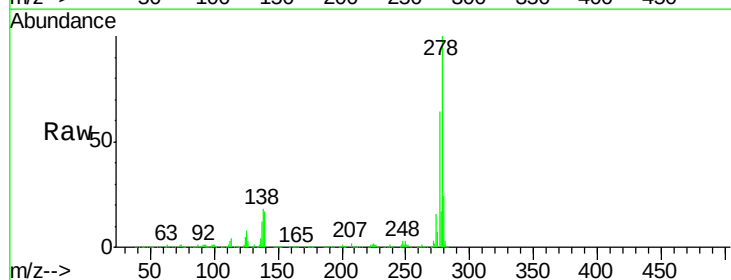


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

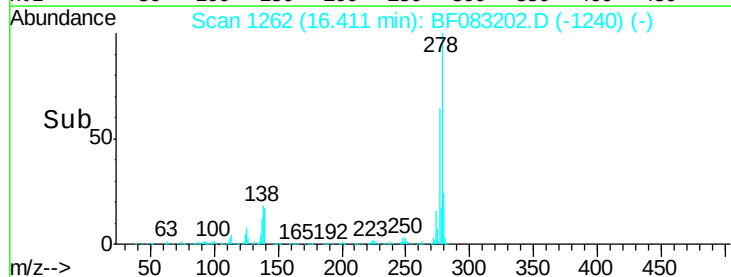
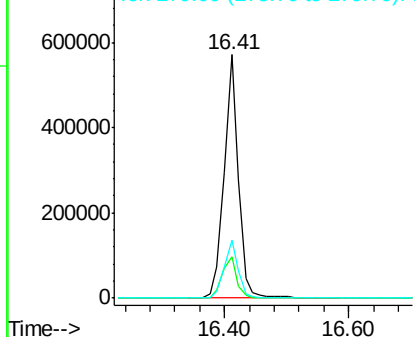


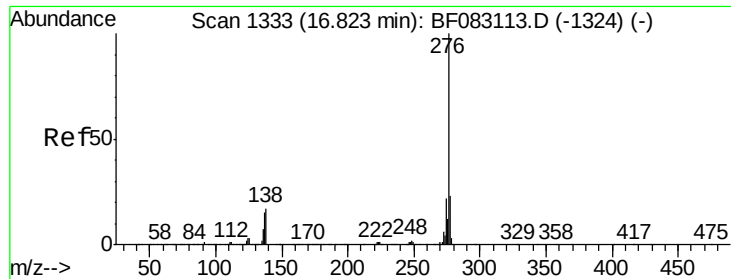
#90
Dibenzo(a,h)anthracene
Concen: 33.79 ng
RT: 16.41 min Scan# 1262
Delta R.T. -0.05 min
Lab File: BF083202.D
Acq: 23 Nov 2015 14:08

Tgt Ion:278 Resp: 903724
Ion Ratio Lower Upper
278 100
139 16.9 10.7 16.1#
279 23.9 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

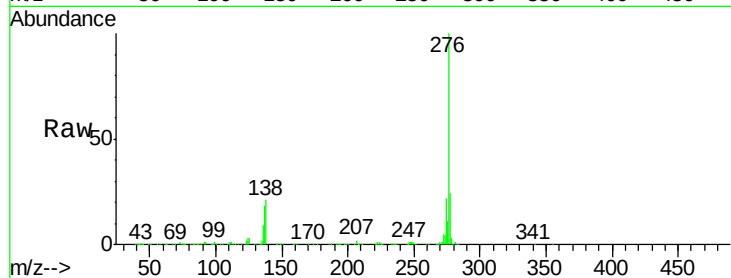




#91
 Benzo(g,h,i)perylene
 Concen: 33.79 ng
 RT: 16.78 min Scan# 1294
 Delta R.T. -0.05 min
 Lab File: BF083202.D
 Acq: 23 Nov 2015 14:08

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BSD

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.7	28.1
138	20.8	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

