

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112115\
 Data File : BF083123.D
 Acq On : 21 Nov 2015 21:01
 Operator : UM/IZ
 Sample : PB86620BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BS

Quant Time: Nov 22 01:52:04 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 01:05:26 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	194345	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	737177	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	371745	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	708271	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	631167	20.00	ng	-0.01
86) Perylene-d12	15.15	264	552275	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	898260	34.94	ng	0.00
7) Phenol-d6	6.33	99	1201998	36.13	ng	-0.01
23) Nitrobenzene-d5	7.23	82	1096418	33.98	ng	0.00
41) 2,4,6-Tribromophenol	10.48	330	262099	34.46	ng	-0.01
44) 2-Fluorobiphenyl	9.03	172	1779570	33.38	ng	0.00
78) Terphenyl-d14	12.75	244	1780926	33.22	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.26	88	193499	30.39	ng	99
3) Pyridine	3.02	79	536317	31.89	ng	98
4) n-Nitrosodimethylamine	2.87	42	275147	35.47	ng	99
6) Aniline	6.33	93	425866	20.95	ng	# 66
8) 2-Chlorophenol	6.44	128	467398	33.65	ng	97
9) Benzaldehyde	6.20	77	247757	27.02	ng	98
10) Phenol	6.34	94	701435	34.86	ng	# 78
11) bis(2-Chloroethyl)ether	6.40	93	474830	33.05	ng	96
12) 1,3-Dichlorobenzene	6.82	146	437596	27.60	ng	97
13) 1,4-Dichlorobenzene	6.67	146	532738	33.21	ng	96
14) 1,2-Dichlorobenzene	6.82	146	452118	31.01	ng	94
15) Benzyl Alcohol	6.82	79	453290	32.61	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.95	45	787644	35.16	ng	99
17) 2-Methylphenol	6.95	107	410531	35.72	ng	96
18) Hexachloroethane	7.16	117	178596	31.61	ng	# 88
19) n-Nitroso-di-n-propylamine	7.10	70	394623	34.09	ng	# 89
20) 3+4-Methylphenols	7.11	107	539559	37.14	ng	97
22) Acetophenone	7.08	105	684216	32.33	ng	# 95
24) Nitrobenzene	7.24	77	544328	31.58	ng	100
25) Isophorone	7.51	82	1006656	32.96	ng	98
26) 2-Nitrophenol	7.56	139	241667	31.76	ng	90
27) 2,4-Dimethylphenol	7.62	122	414858	34.16	ng	99
28) bis(2-Chloroethoxy)methane	7.71	93	626170	35.26	ng	99
29) 2,4-Dichlorophenol	7.82	162	410285	35.52	ng	98
30) 1,2,4-Trichlorobenzene	7.88	180	410646	32.36	ng	97
31) Naphthalene	7.96	128	1324861	33.30	ng	99
32) Benzoic acid	7.78	122	303009	32.10	ng	97
33) 4-Chloroaniline	8.03	127	248012	16.07	ng	# 87
34) Hexachlorobutadiene	8.09	225	246792	32.91	ng	98
35) Caprolactam	8.43	113	136226	36.80	ng	# 85
36) 4-Chloro-3-methylphenol	8.54	107	467699	34.95	ng	98
37) 2-Methylnaphthalene	8.66	142	889752	34.46	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	377653	31.34	ng	# 98
40) Hexachlorocyclopentadiene	8.81	237	447307	65.29	ng	99

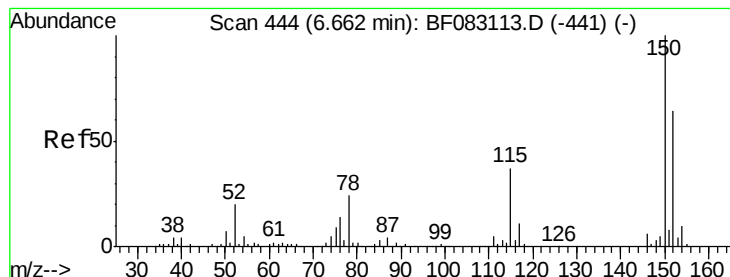
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112115\
 Data File : BF083123.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	306463	35.51	ng	98
43) 2,4,5-Trichlorophenol	8.99	196	313428	35.52	ng #	93
45) 1,1'-Biphenyl	9.12	154	1024286	32.37	ng	97
46) 2-Chloronaphthalene	9.14	162	841846	33.87	ng	95
47) 2-Nitroaniline	9.26	65	304776	34.67	ng #	63
48) Acenaphthylene	9.55	152	1264453	32.83	ng	98
49) Dimethylphthalate	9.44	163	1040834	36.37	ng	99
50) 2,6-Dinitrotoluene	9.50	165	225594	35.13	ng #	60
51) Acenaphthene	9.72	154	770260	32.86	ng	100
52) 3-Nitroaniline	9.67	138	124775	18.22	ng	98
53) 2,4-Dinitrophenol	9.77	184	270182	73.03	ng #	71
54) Dibenzofuran	9.90	168	1126513	33.99	ng	95
55) 4-Nitrophenol	9.85	139	323598	61.64	ng	94
56) 2,4-Dinitrotoluene	9.90	165	306170	37.63	ng #	82
57) Fluorene	10.24	166	913728	33.36	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	257489	35.57	ng	99
59) Diethylphthalate	10.14	149	1028093	36.09	ng	98
60) 4-Chlorophenyl-phenylether	10.24	204	449274	35.81	ng #	85
61) 4-Nitroaniline	10.27	138	219113	32.50	ng	88
62) Azobenzene	10.40	77	1196794	36.81	ng	89
64) 4,6-Dinitro-2-methylphenol	10.30	198	170340	34.90	ng	79
65) n-Nitrosodiphenylamine	10.35	169	808847	33.58	ng	99
66) 4-Bromophenyl-phenylether	10.72	248	265008	33.72	ng #	81
67) Hexachlorobenzene	10.79	284	308608	35.66	ng #	83
68) Atrazine	10.90	200	291454	41.66	ng	99
69) Pentachlorophenol	10.98	266	372787	66.13	ng	100
70) Phenanthrene	11.20	178	1416732	34.72	ng	98
71) Anthracene	11.24	178	1464934	35.19	ng	99
72) Carbazole	11.40	167	1216573	32.88	ng	99
73) Di-n-butylphthalate	11.75	149	1537432	34.04	ng	100
74) Fluoranthene	12.38	202	1555174	37.24	ng	96
76) Benzidine	12.51	184	548859	33.18	ng	99
77) Pyrene	12.59	202	1513989	35.11	ng	99
79) Butylbenzylphthalate	13.23	149	673611	33.01	ng	90
80) Benzo(a)anthracene	13.78	228	1362428	34.90	ng	98
81) 3,3'-Dichlorobenzidine	13.76	252	355065	26.13	ng #	99
82) Chrysene	13.82	228	1208067	33.37	ng	98
83) Bis(2-ethylhexyl)phthalate	13.81	149	964441	36.18	ng #	95
84) Di-n-octyl phthalate	14.41	149	1648741	35.93	ng	99
85) Indeno(1,2,3-cd)pyrene	16.42	276	1088883	33.07	ng	99
87) Benzo(b)fluoranthene	14.79	252	2228470	59.05	ng #	98
88) Benzo(k)fluoranthene	14.79	252	2228470	79.26	ng	99
89) Benzo(a)pyrene	15.11	252	1064644	34.17	ng #	98
90) Dibenzo(a,h)anthracene	16.43	278	920495	32.53	ng #	97
91) Benzo(g,h,i)perylene	16.80	276	915667	33.14	ng #	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 408

Delta R.T. -0.01 min

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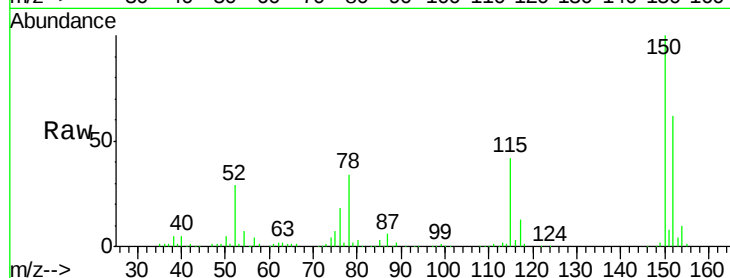
Tgt Ion:152 Resp: 194345

Ion Ratio Lower Upper

152 100

150 161.4 125.8 188.8

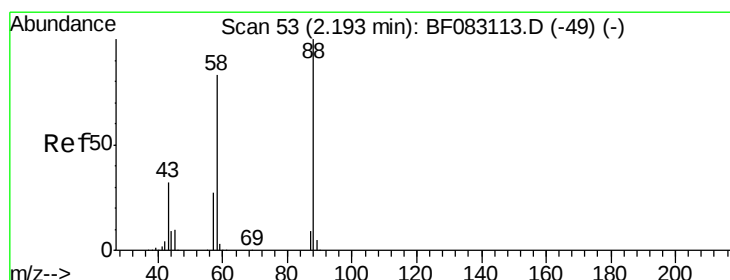
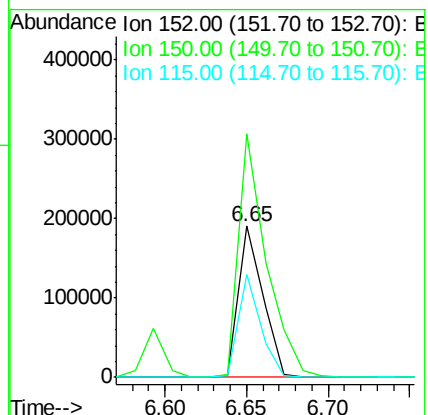
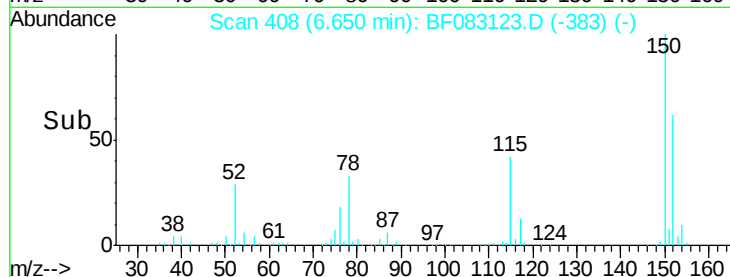
115 68.3 46.9 70.3



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: 30.39 ng

RT: 2.26 min Scan# 24

Delta R.T. 0.07 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

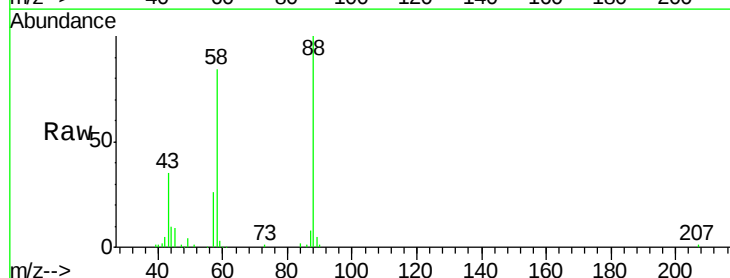
Tgt Ion: 88 Resp: 193499

Ion Ratio Lower Upper

88 100

58 81.4 65.0 97.6

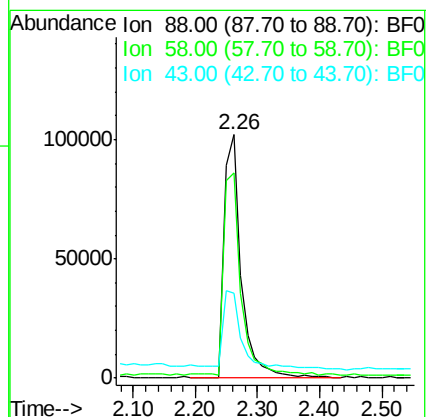
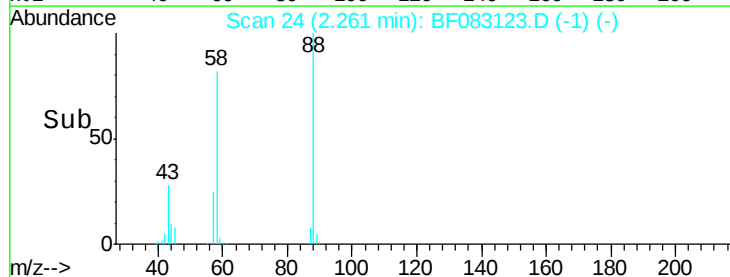
43 31.9 24.7 37.1

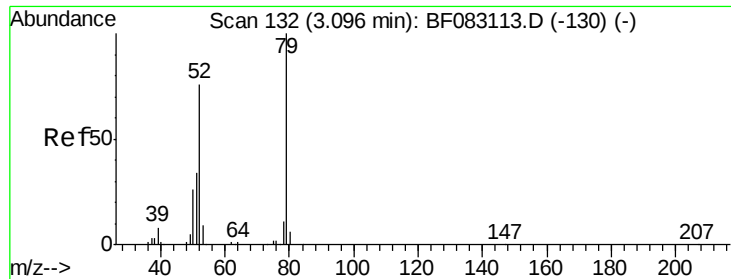


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 31.89 ng

RT: 3.02 min Scan# 90

Delta R.T. -0.08 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

Instrument :

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PB86620BS

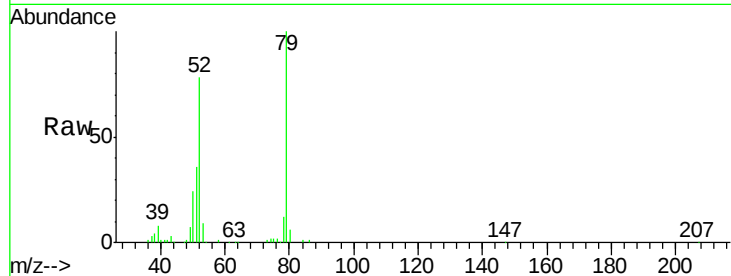
Tgt Ion: 79 Resp: 536317

Ion Ratio Lower Upper

79 100

52 77.9 60.7 91.1

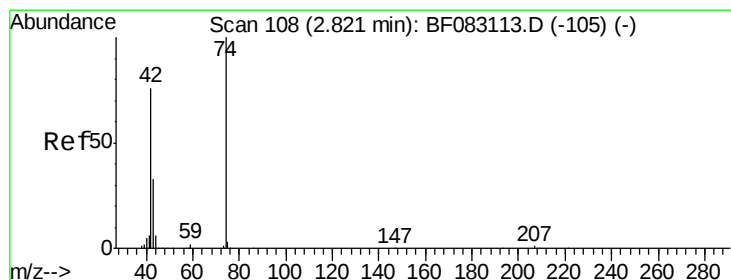
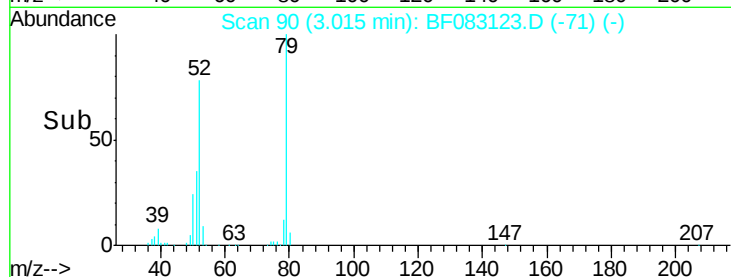
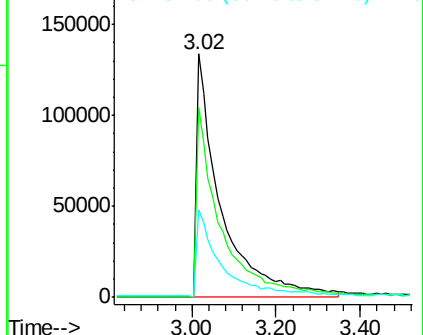
51 35.9 27.9 41.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 35.47 ng

RT: 2.87 min Scan# 77

Delta R.T. 0.05 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

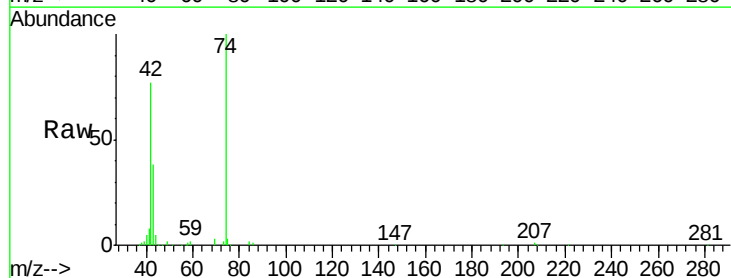
Tgt Ion: 42 Resp: 275147

Ion Ratio Lower Upper

42 100

74 130.5 104.8 157.2

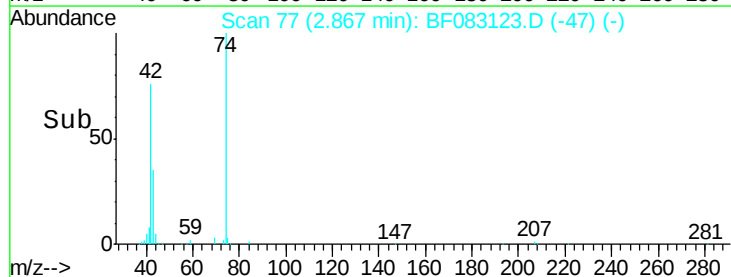
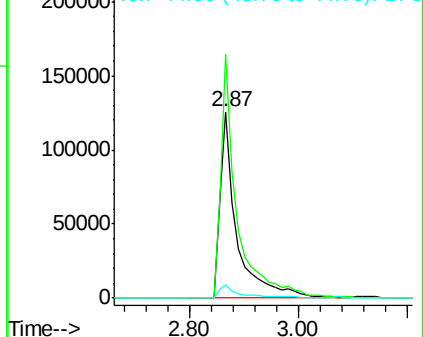
44 6.9 6.2 9.4

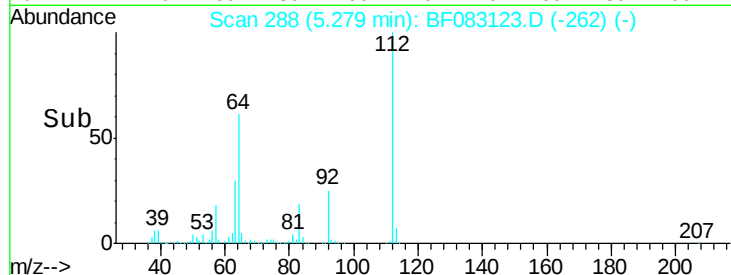
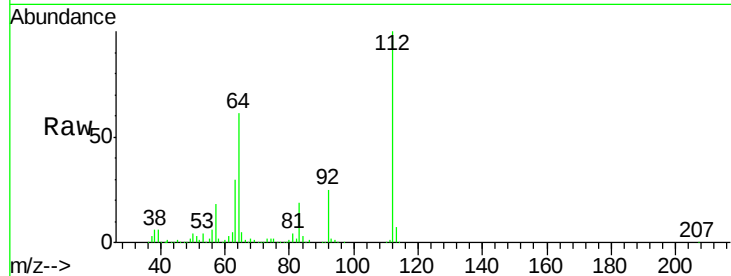
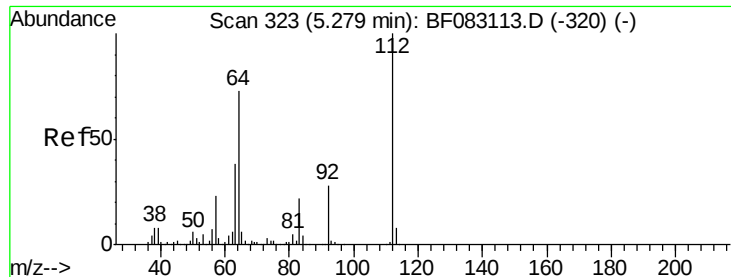


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 34.94 ng

RT: 5.28 min Scan# 288

Delta R.T. -0.00 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

Instrument :

BNA_F

ClientSampleId :

PB86620BS

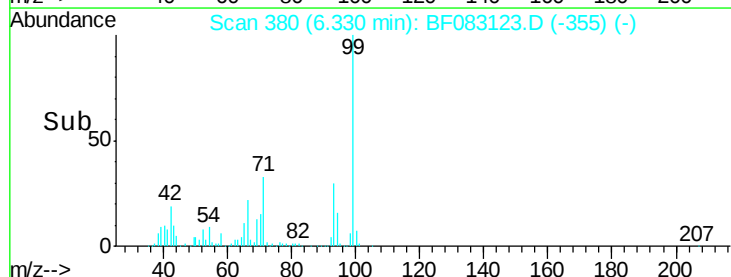
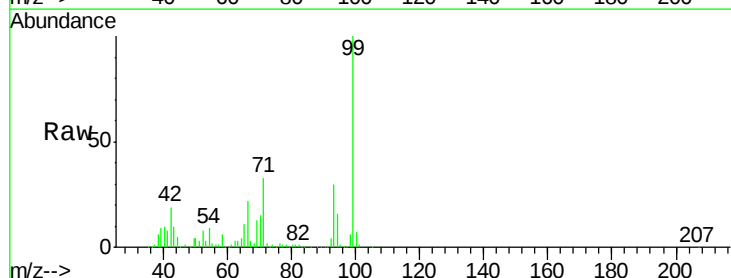
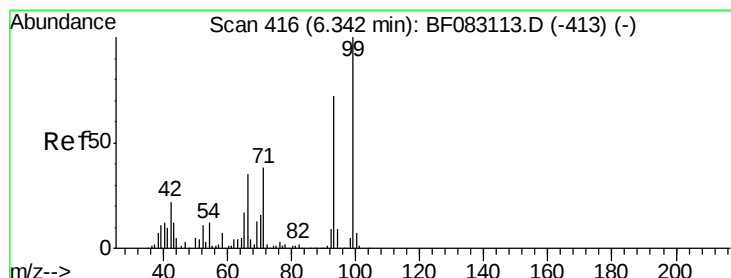
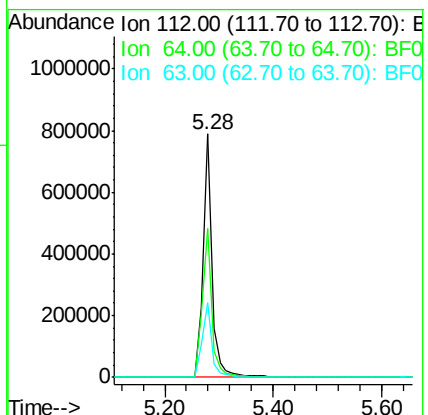
Tgt Ion: 112 Resp: 898260

Ion Ratio Lower Upper

112 100

64 61.0 58.4 87.6

63 30.4 30.0 45.0



#6

Aniline

Concen: 20.95 ng

RT: 6.33 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

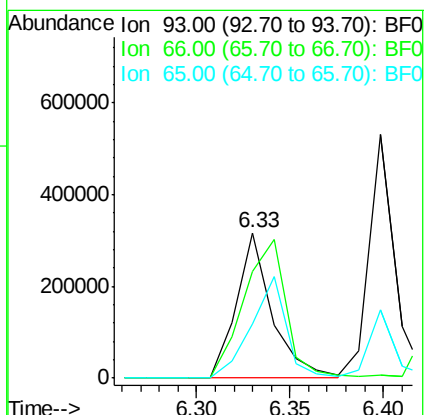
Tgt Ion: 93 Resp: 425866

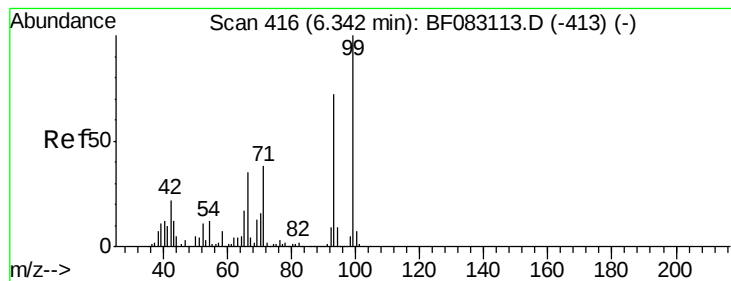
Ion Ratio Lower Upper

93 100

66 73.2 38.7 58.1#

65 37.4 18.6 27.8#





#7

Phenol-d6

Concen: 36.13 ng

RT: 6.33 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

Instrument :

BNA_F

ClientSampleId :

PB86620BS

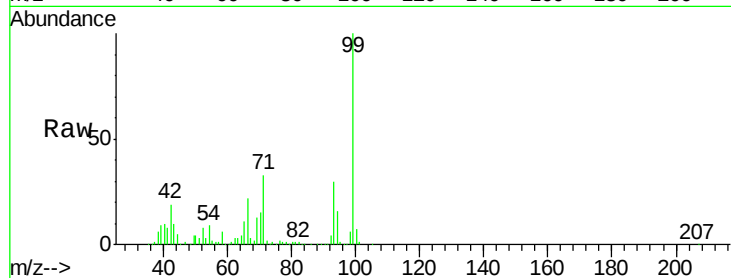
Tgt Ion: 99 Resp: 1201998

Ion Ratio Lower Upper

99 100

42 18.8 17.7 26.5

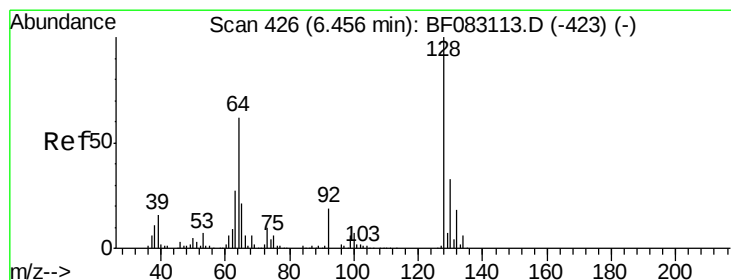
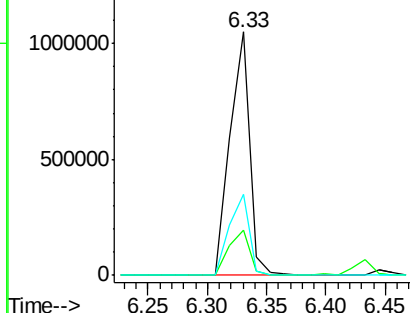
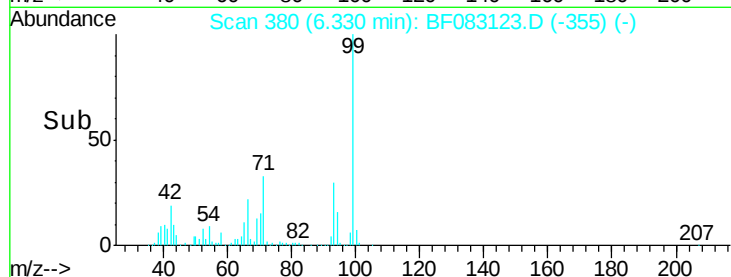
71 33.2 30.2 45.4



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 33.65 ng

RT: 6.44 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

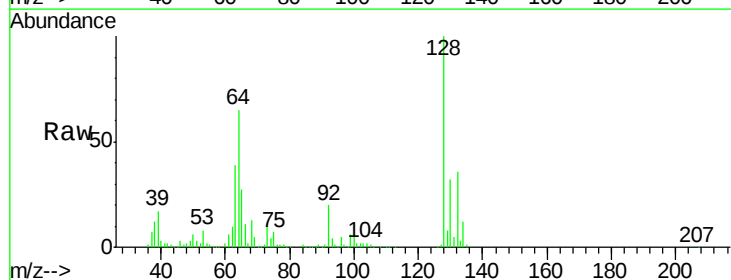
Tgt Ion: 128 Resp: 467398

Ion Ratio Lower Upper

128 100

130 32.0 12.6 52.6

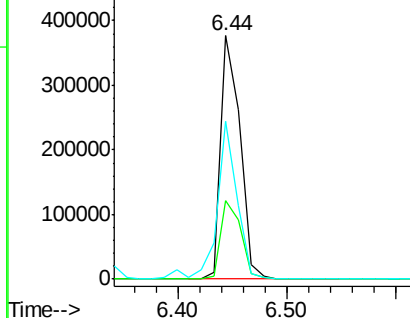
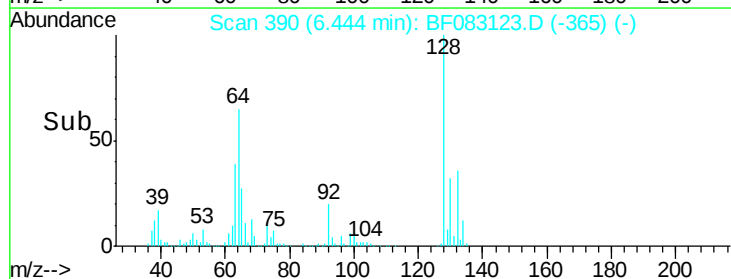
64 64.6 41.9 81.9

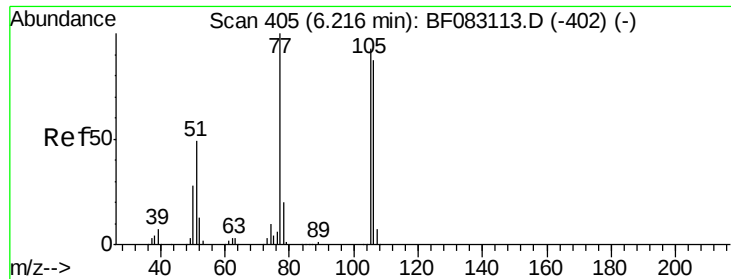


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 27.02 ng

RT: 6.20 min Scan# 369

Delta R.T. -0.01 min

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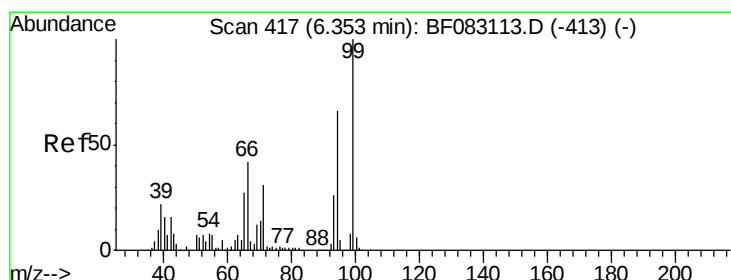
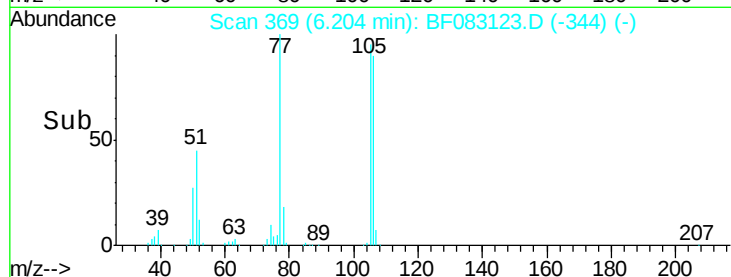
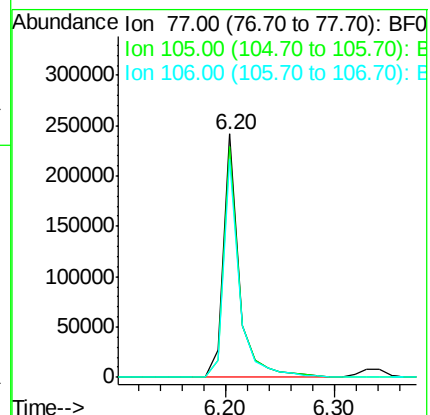
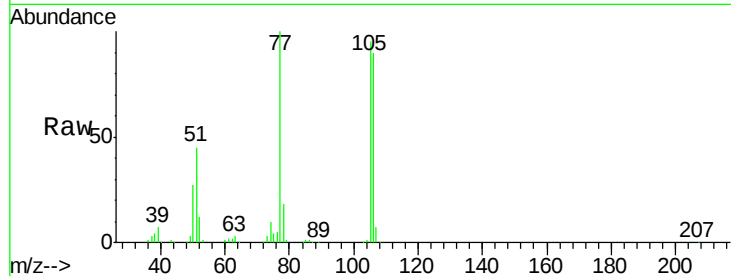
Tgt Ion: 77 Resp: 247757

Ion Ratio Lower Upper

77 100

105 95.0 73.4 113.4

106 89.7 67.5 107.5



#10

Phenol

Concen: 34.86 ng

RT: 6.34 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

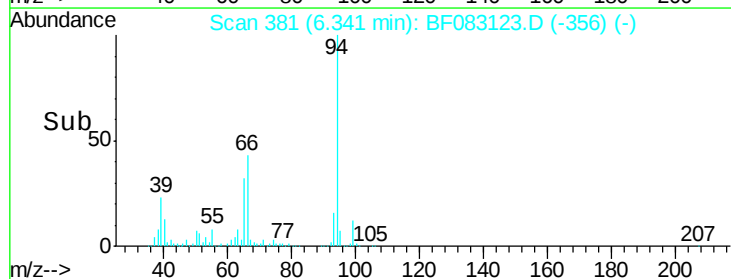
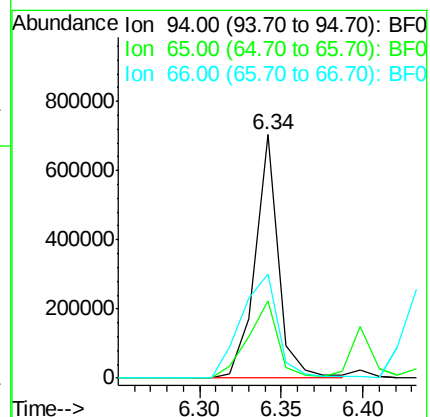
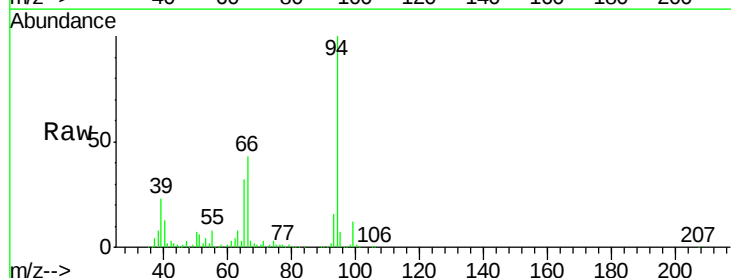
Tgt Ion: 94 Resp: 701435

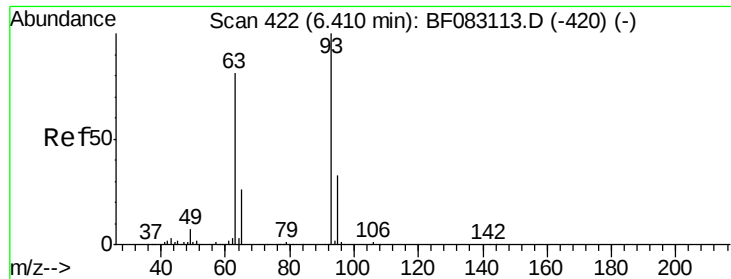
Ion Ratio Lower Upper

94 100

65 31.5 21.1 61.1

66 42.7 43.1 83.1#

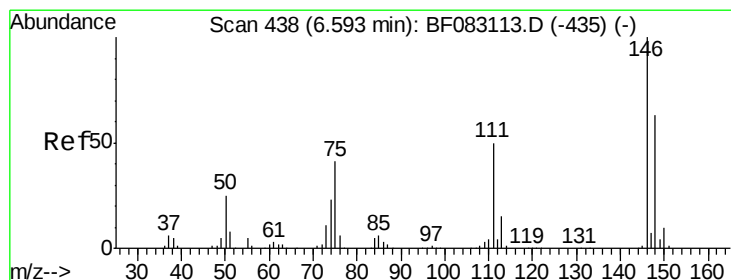
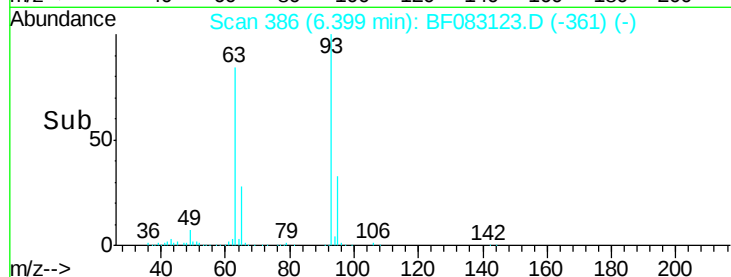
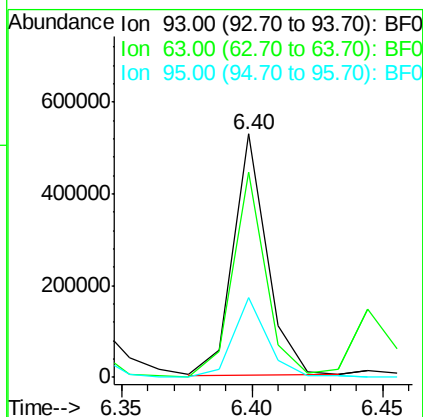
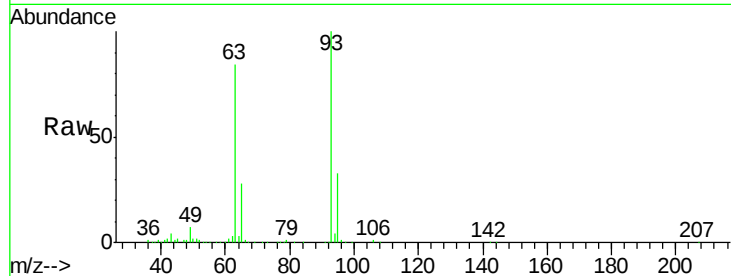




#11
bis(2-Chloroethyl)ether
Concen: 33.05 ng
RT: 6.40 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

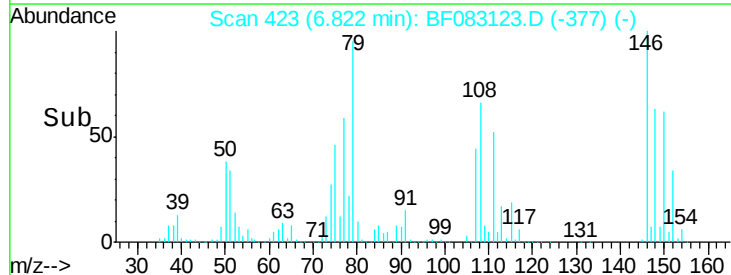
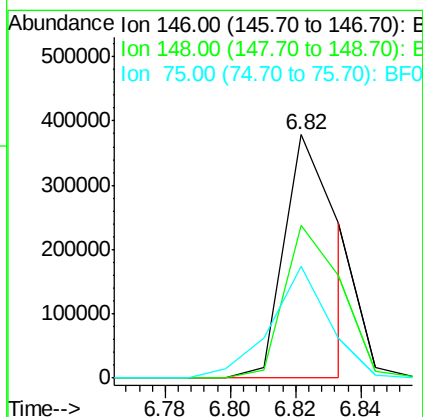
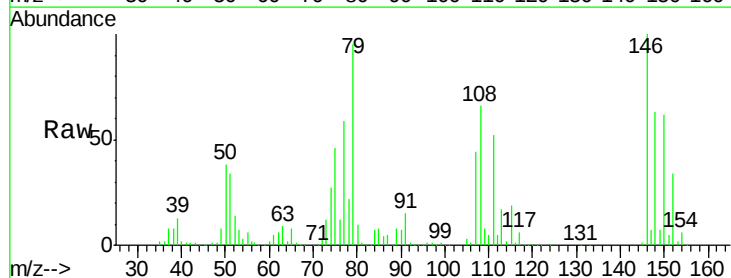
Instrument :
BNA_F
ClientSampleId :
PB86620BS

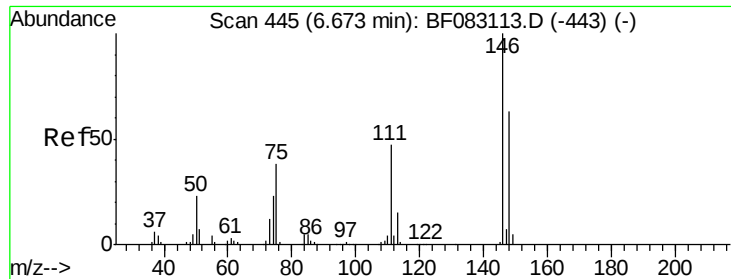
Tgt Ion: 93 Resp: 474830
Ion Ratio Lower Upper
93 100
63 84.3 59.8 99.8
95 32.9 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 27.60 ng
RT: 6.82 min Scan# 423
Delta R.T. 0.23 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

Tgt Ion: 146 Resp: 437596
Ion Ratio Lower Upper
146 100
148 62.8 50.2 75.2
75 45.7 32.7 49.1

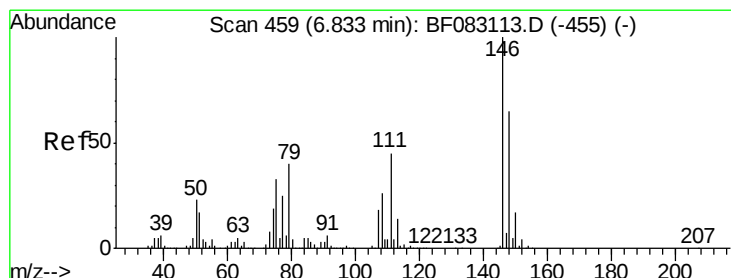
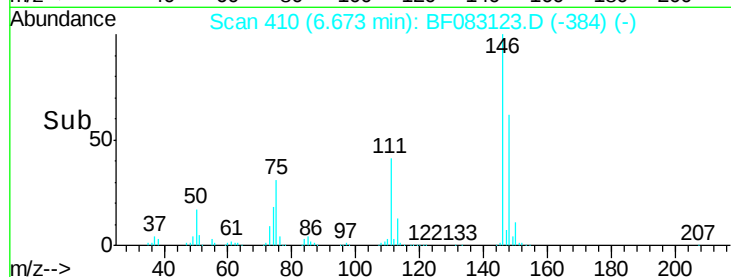
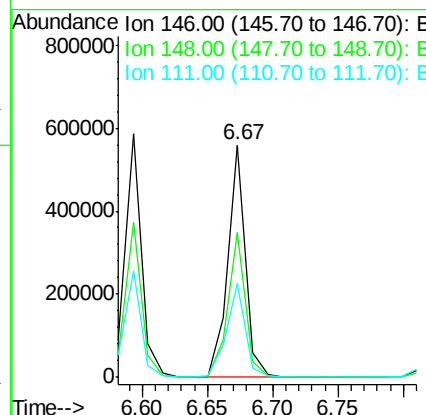
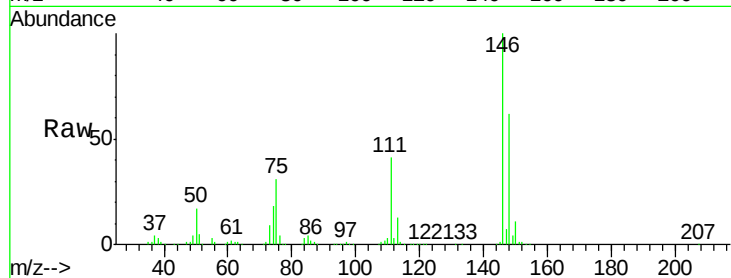




#13
 1,4-Dichlorobenzene
 Concen: 33.21 ng
 RT: 6.67 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: BF083123.D
 Acq: 21 Nov 2015 21:01

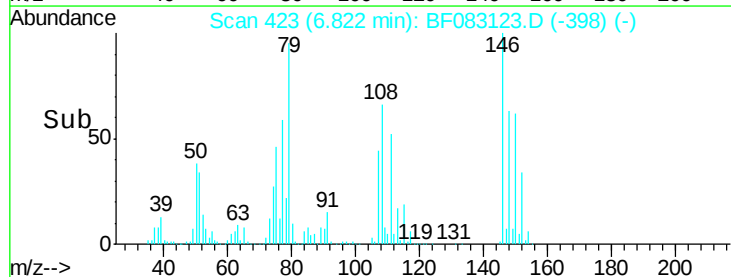
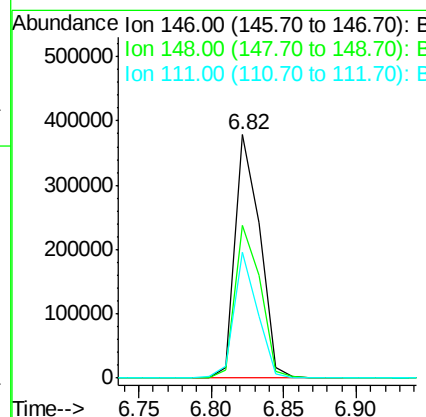
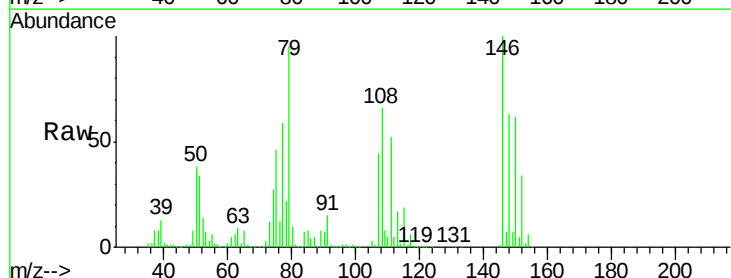
Instrument :
 BNA_F
 ClientSampleId :
 PB86620BS

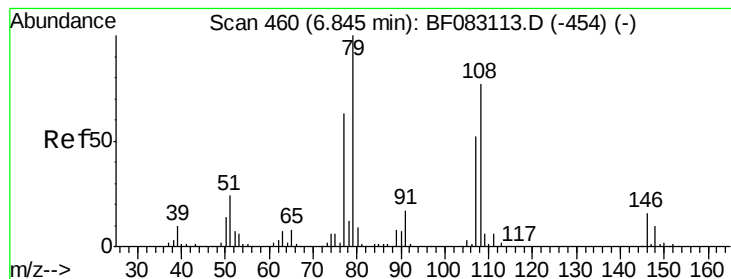
Tgt Ion:146 Resp: 532738
 Ion Ratio Lower Upper
 146 100
 148 62.4 50.2 75.2
 111 40.5 37.5 56.3



#14
 1,2-Dichlorobenzene
 Concen: 31.01 ng
 RT: 6.82 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: BF083123.D
 Acq: 21 Nov 2015 21:01

Tgt Ion:146 Resp: 452118
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.8 77.6
 111 51.8 36.2 54.4





#15

Benzyl Alcohol

Concen: 32.61 ng

RT: 6.82 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

Instrument :

BNA_F

ClientSampleId :

PB86620BS

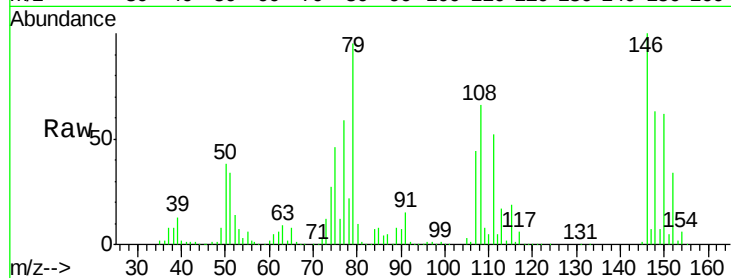
Tgt Ion: 79 Resp: 453290

Ion Ratio Lower Upper

79 100

108 69.8 61.4 92.2

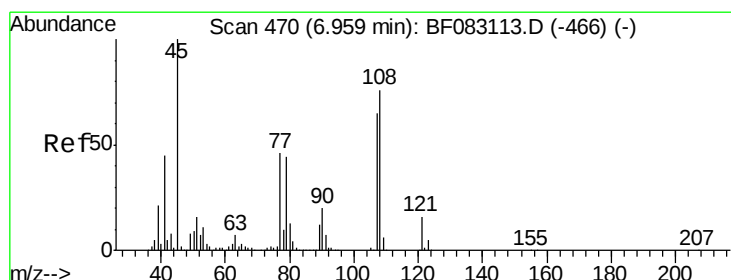
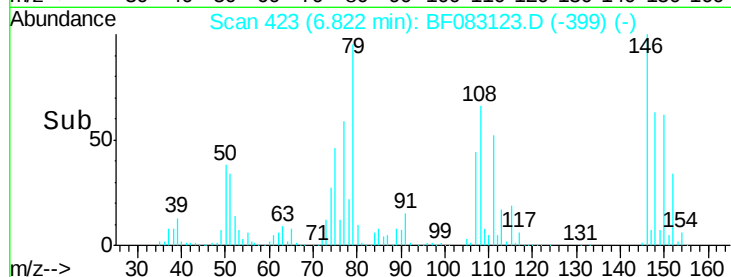
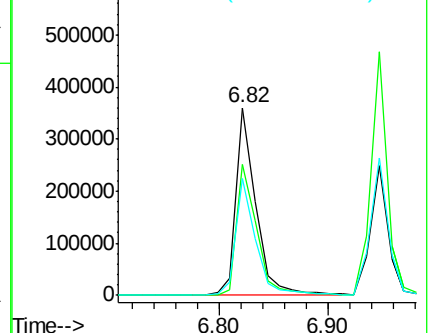
77 62.5 50.5 75.7



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.16 ng

RT: 6.95 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

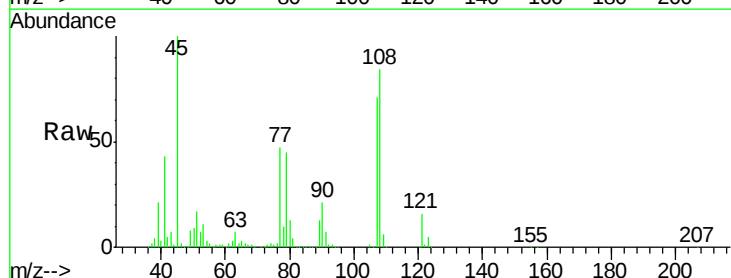
Tgt Ion: 45 Resp: 787644

Ion Ratio Lower Upper

45 100

77 47.2 26.7 66.7

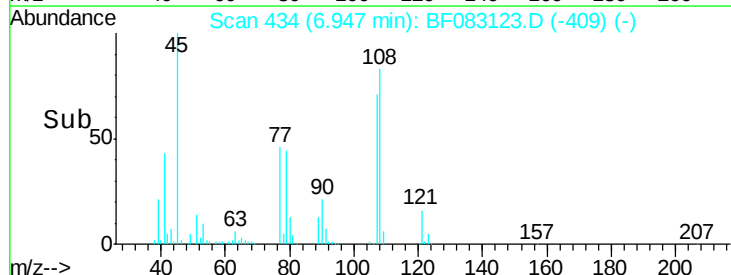
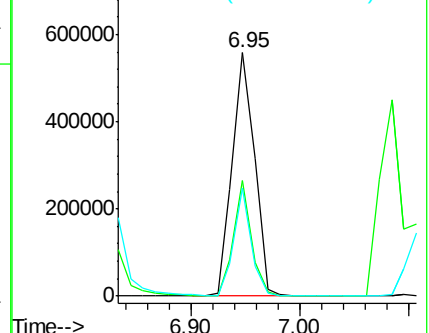
79 44.5 24.3 64.3

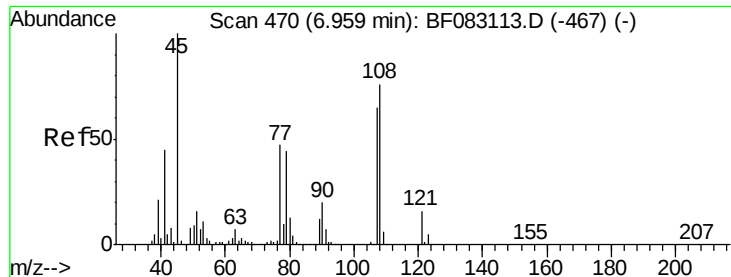


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

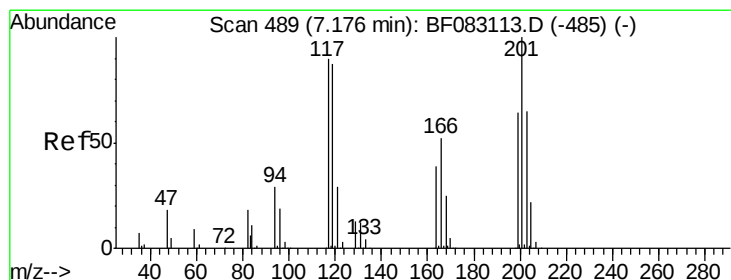
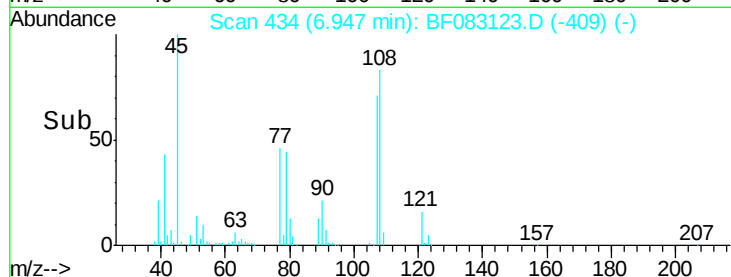
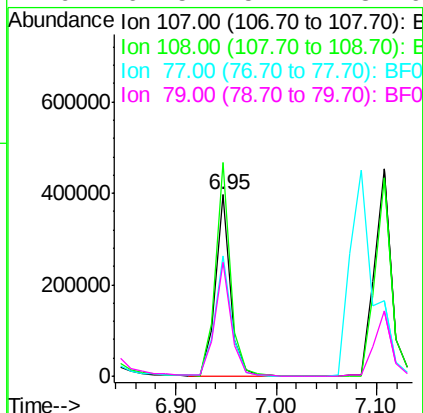
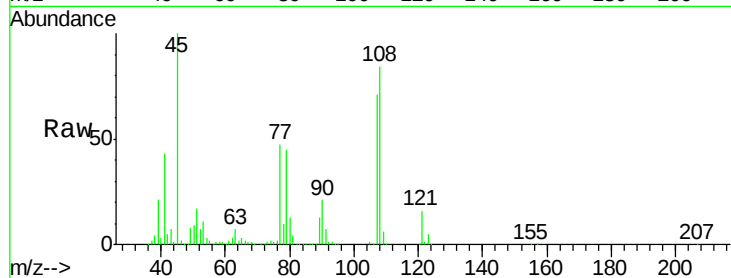




#17
2-Methylphenol
Concen: 35.72 ng
RT: 6.95 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

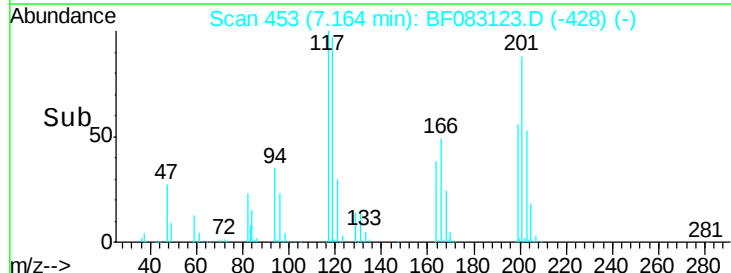
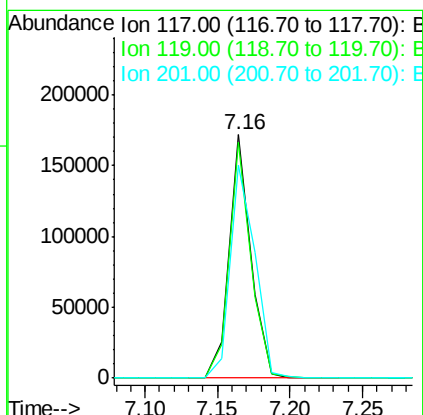
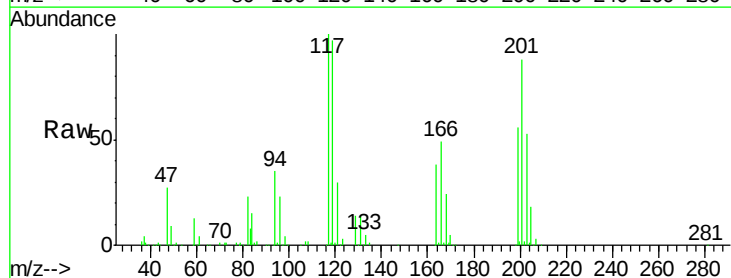
Instrument :
BNA_F
ClientSampleId :
PB86620BS

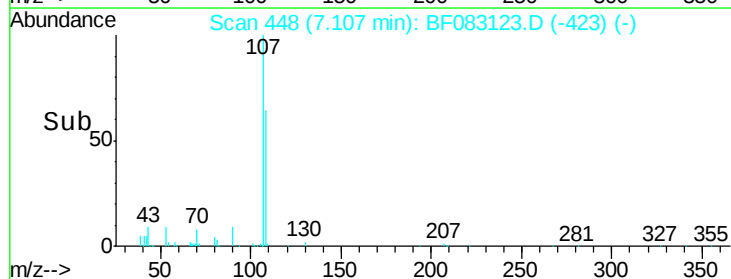
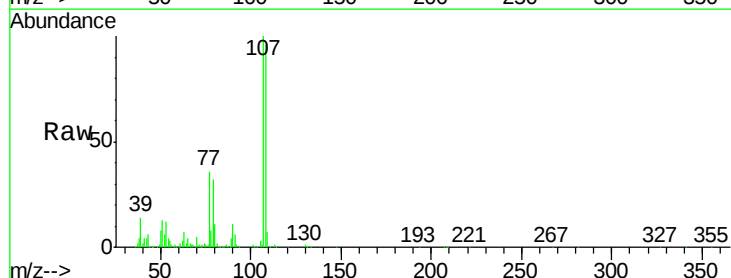
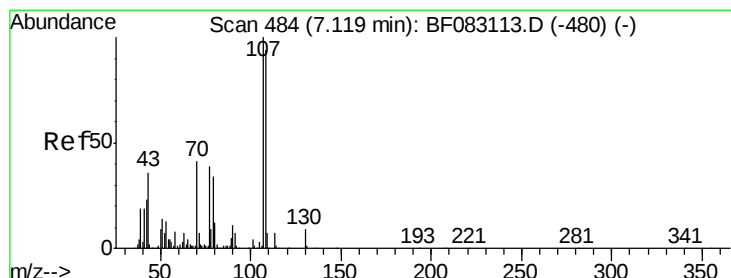
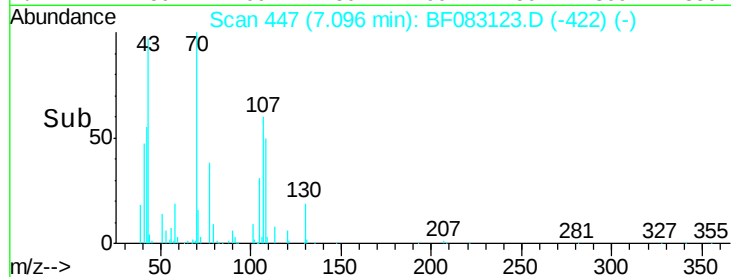
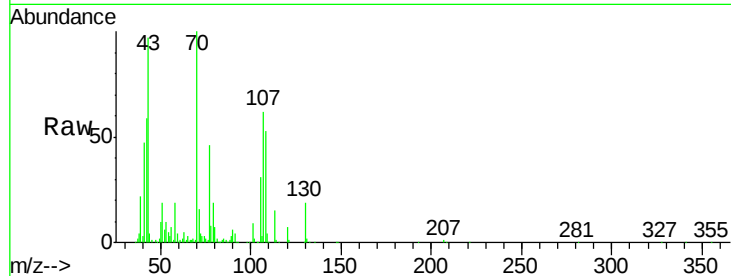
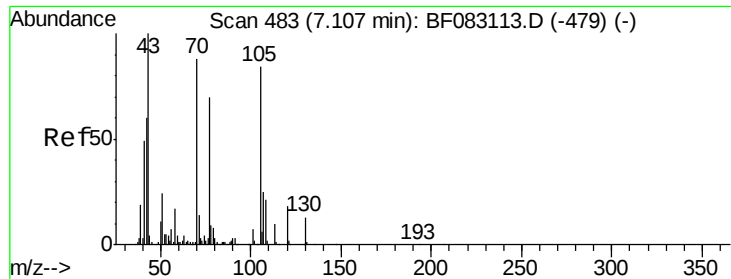
Tgt Ion:107 Resp: 410531
Ion Ratio Lower Upper
107 100
108 117.6 93.8 140.6
77 66.3 57.4 86.0
79 62.5 54.4 81.6



#18
Hexachloroethane
Concen: 31.61 ng
RT: 7.16 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

Tgt Ion:117 Resp: 178596
Ion Ratio Lower Upper
117 100
119 97.1 76.8 115.2
201 87.6 88.6 133.0#

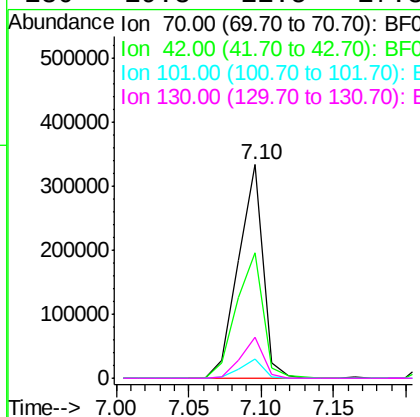




#19
n-Nitroso-di-n-propylamine
Concen: 34.09 ng
RT: 7.10 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

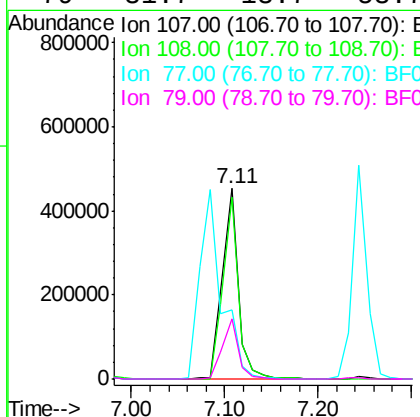
Instrument :
BNA_F
ClientSampleId :
PB86620BS

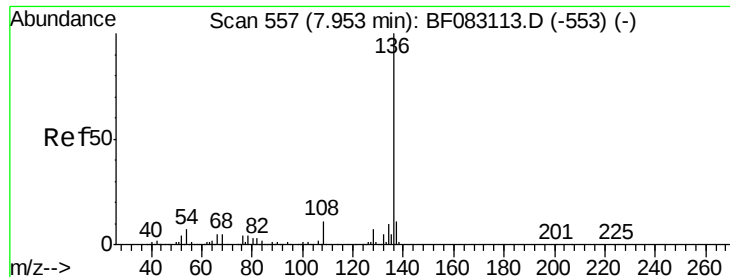
Tgt Ion: 70 Resp: 394623
Ion Ratio Lower Upper
70 100
42 58.9 54.5 81.7
101 9.1 6.6 9.8
130 19.3 11.5 17.3#



#20
3+4-Methylphenols
Concen: 37.14 ng
RT: 7.11 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

Tgt Ion:107 Resp: 539559
Ion Ratio Lower Upper
107 100
108 95.7 73.8 113.8
77 36.3 19.1 59.1
79 31.7 13.7 53.7





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 521

Delta R.T. -0.01 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

Instrument :

BNA_F

ClientSampleId :

PB86620BS

Tgt Ion:136 Resp: 737177

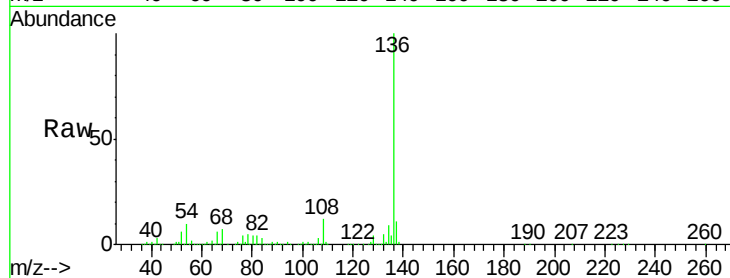
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 10.4 5.8 8.6#

68 7.1 3.8 5.8#

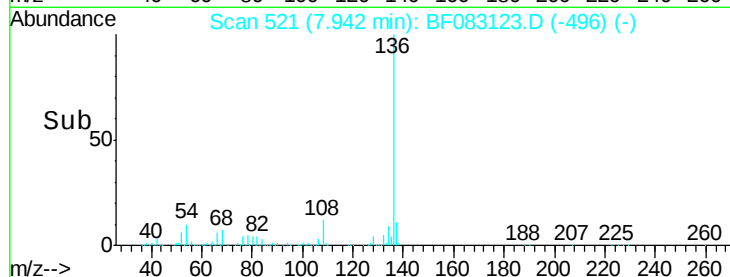


Abundance Ion 136.00 (135.70 to 136.70): E

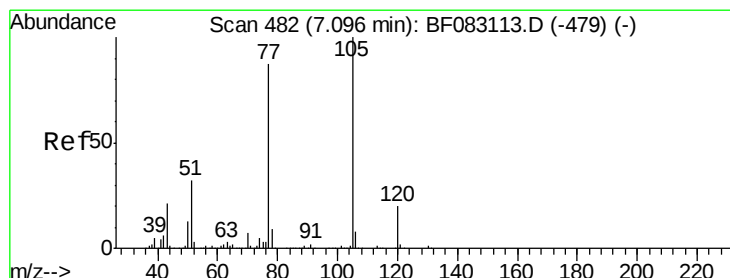
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 32.33 ng

RT: 7.08 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

Tgt Ion:105 Resp: 684216

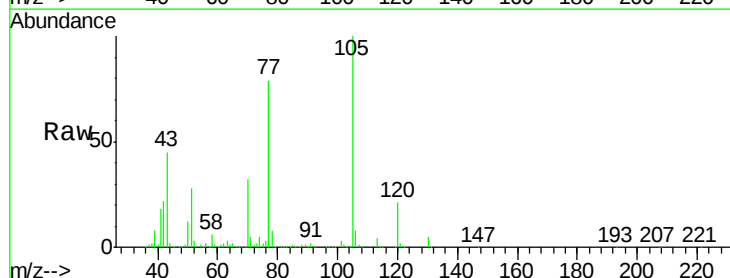
Ion Ratio Lower Upper

105 100

71 5.2 1.0 1.4#

51 28.1 25.6 38.4

120 20.7 15.8 23.6

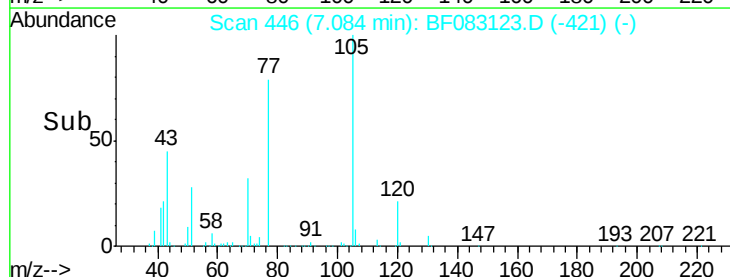


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->



#23

Nitrobenzene-d5

Concen: 33.98 ng

RT: 7.23 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

Instrument :

BNA_F

ClientSampleId :

PB86620BS

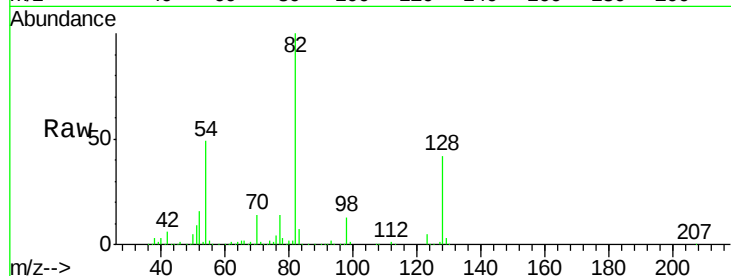
Tgt Ion: 82 Resp: 1096418

Ion Ratio Lower Upper

82 100

128 42.2 28.5 42.7

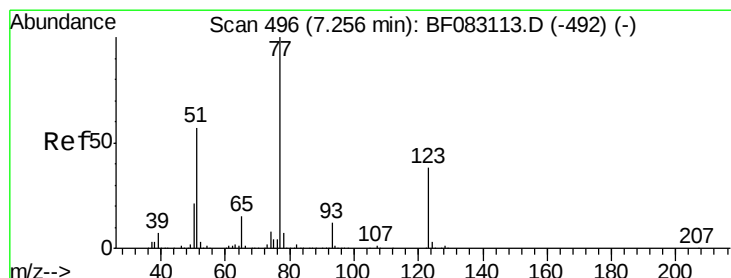
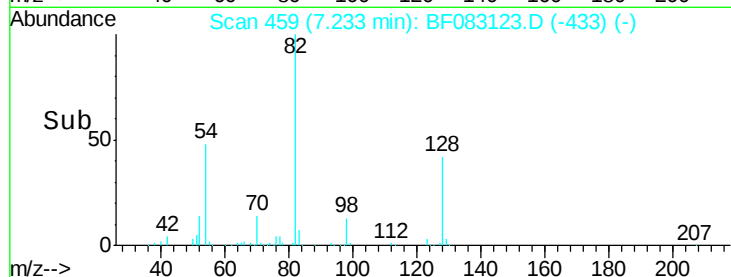
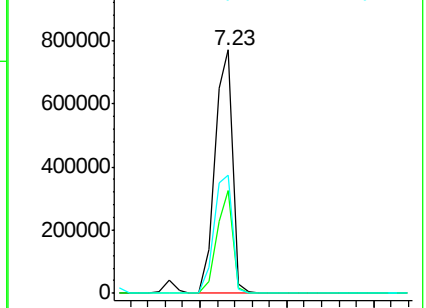
54 48.7 44.6 67.0



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: 31.58 ng

RT: 7.24 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

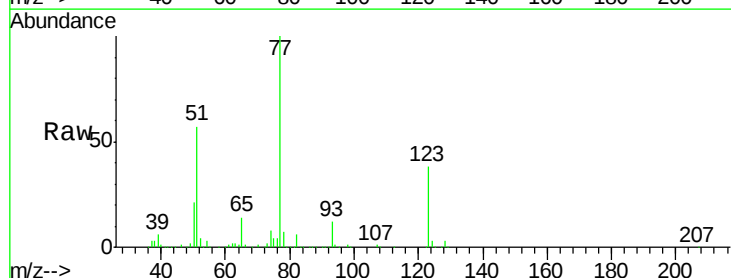
Tgt Ion: 77 Resp: 544328

Ion Ratio Lower Upper

77 100

123 37.8 30.1 45.1

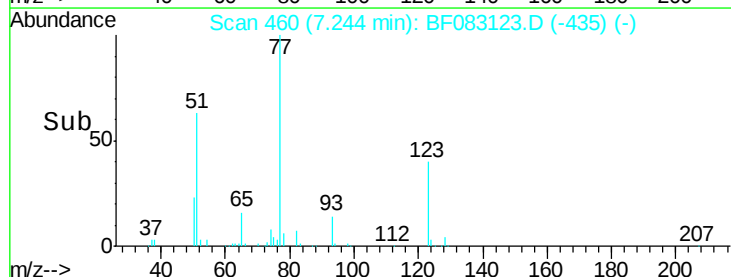
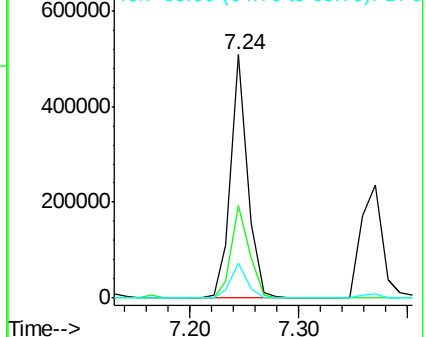
65 14.3 11.6 17.4



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: 32.96 ng

RT: 7.51 min Scan# 483

Delta R.T. -0.02 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

Instrument :

BNA_F

ClientSampleId :

PB86620BS

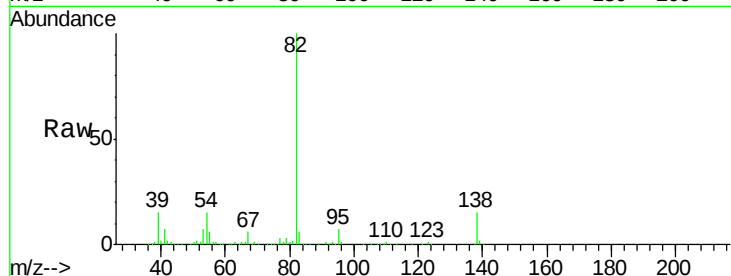
Tgt Ion: 82 Resp: 1006656

Ion Ratio Lower Upper

82 100

95 6.9 5.8 8.8

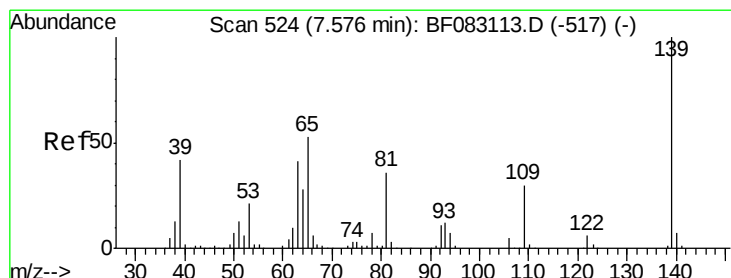
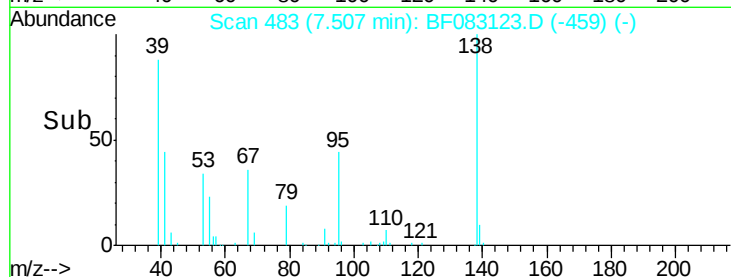
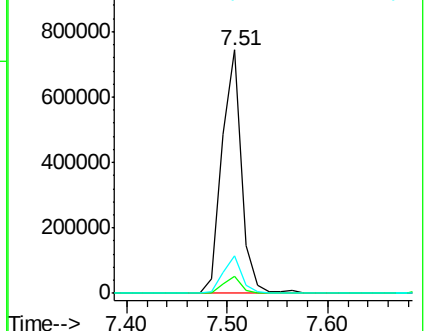
138 15.4 11.6 17.4



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: 31.76 ng

RT: 7.56 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

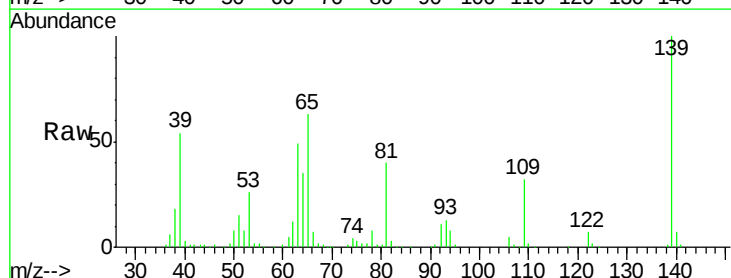
Tgt Ion: 139 Resp: 241667

Ion Ratio Lower Upper

139 100

109 32.0 23.9 35.9

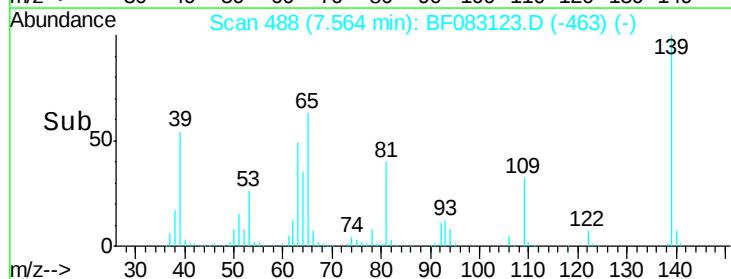
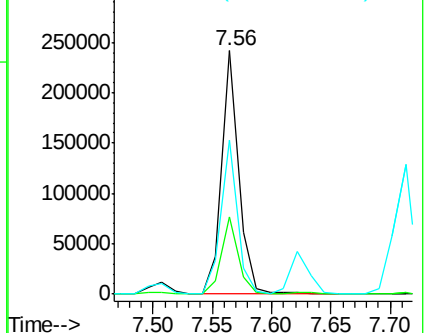
65 63.3 42.7 64.1

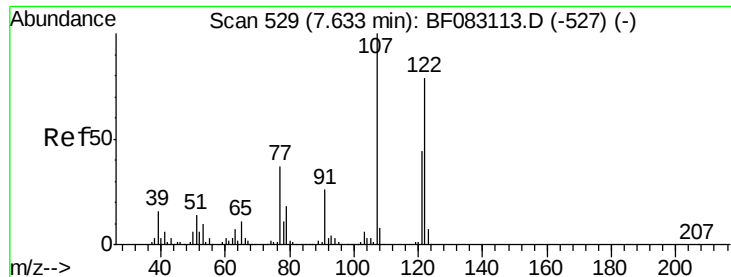


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 34.16 ng

RT: 7.62 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

Instrument :

BNA_F

ClientSampleId :

PB86620BS

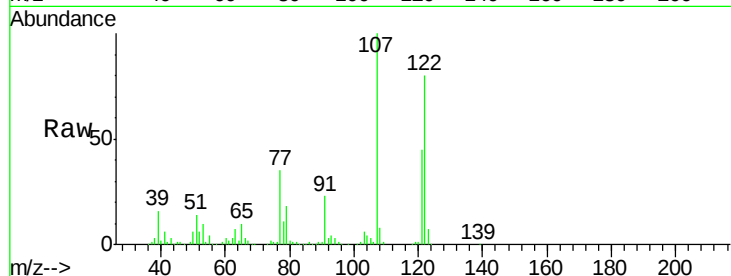
Tgt Ion:122 Resp: 414858

Ion Ratio Lower Upper

122 100

107 124.5 101.1 151.7

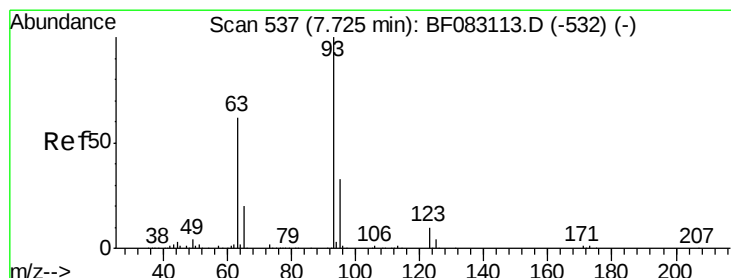
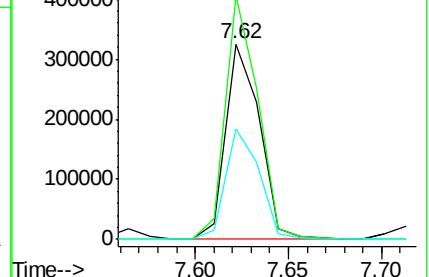
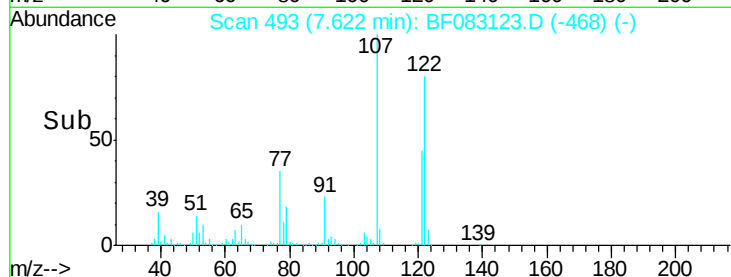
121 56.3 44.9 67.3



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: 35.26 ng

RT: 7.71 min Scan# 501

Delta R.T. -0.01 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

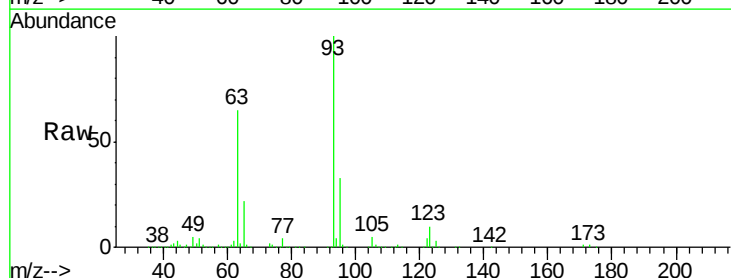
Tgt Ion: 93 Resp: 626170

Ion Ratio Lower Upper

93 100

95 32.9 26.5 39.7

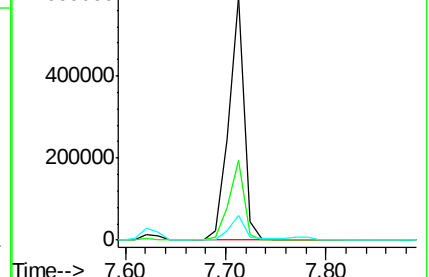
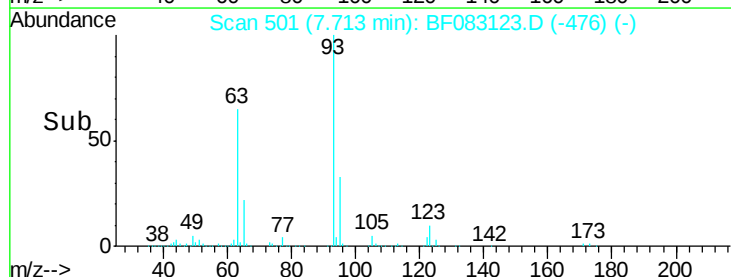
123 10.4 8.1 12.1

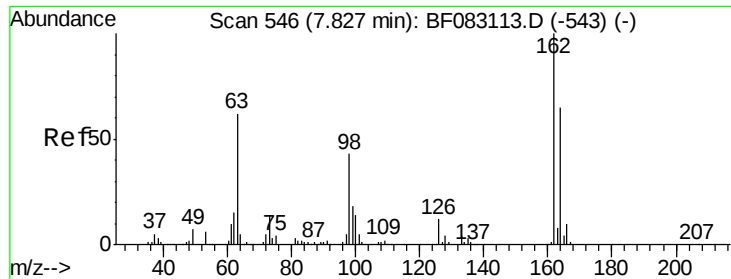


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

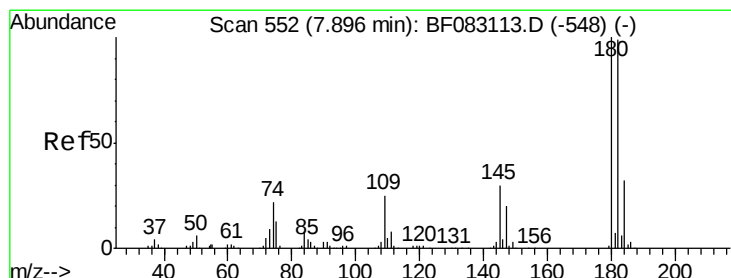
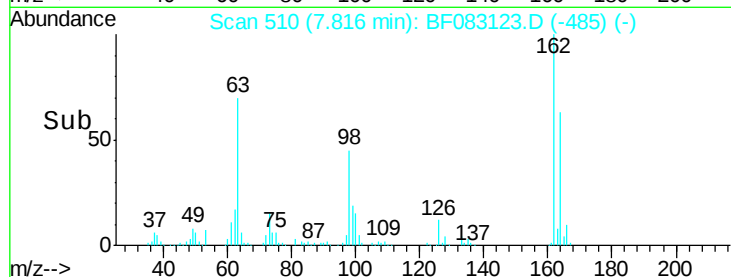
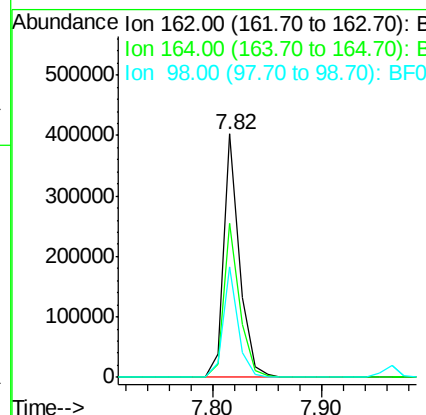
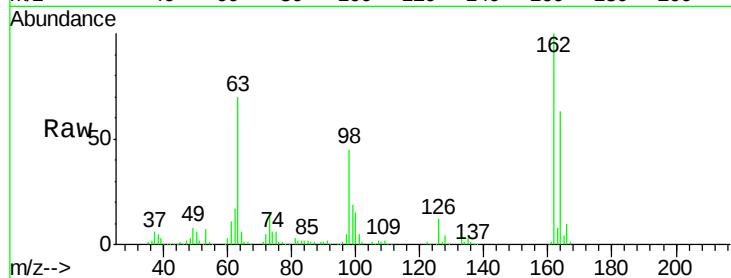




#29
2,4-Dichlorophenol
Concen: 35.52 ng
RT: 7.82 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

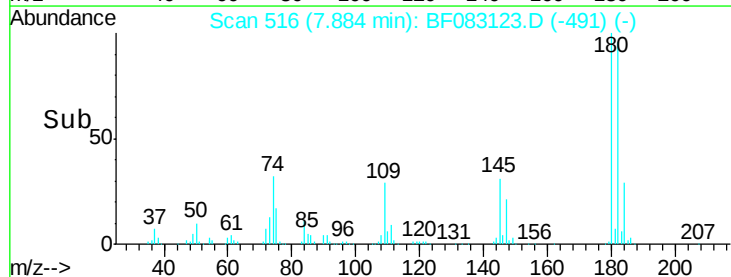
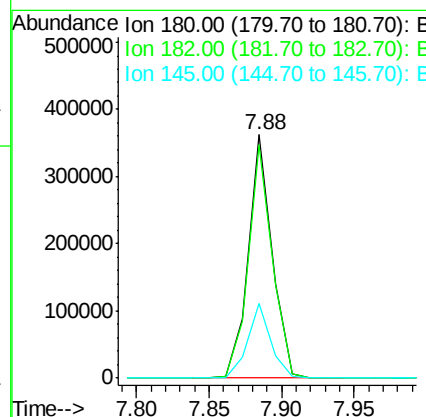
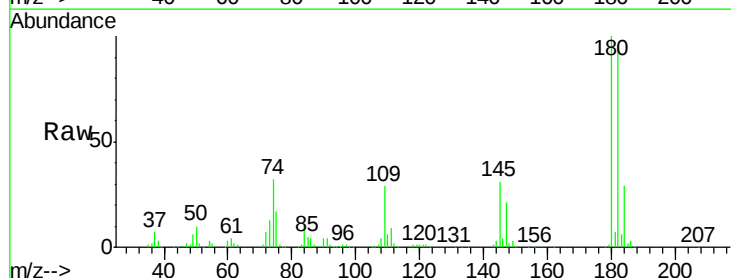
Instrument :
BNA_F
ClientSampleId :
PB86620BS

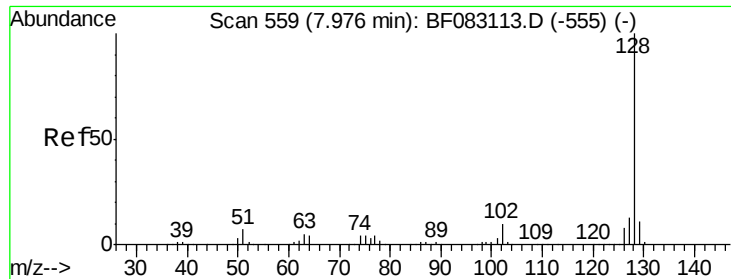
Tgt Ion:162 Resp: 410285
Ion Ratio Lower Upper
162 100
164 63.4 44.8 84.8
98 45.3 23.1 63.1



#30
1,2,4-Trichlorobenzene
Concen: 32.36 ng
RT: 7.88 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

Tgt Ion:180 Resp: 410646
Ion Ratio Lower Upper
180 100
182 95.6 79.0 118.6
145 30.9 24.2 36.2

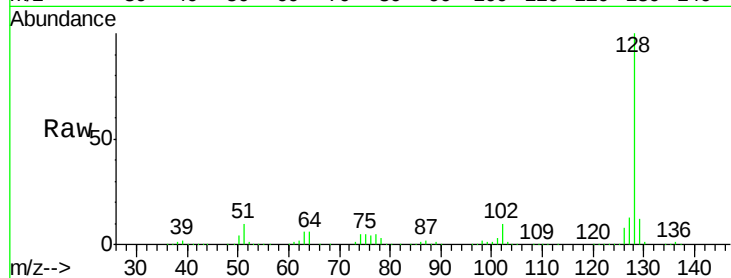




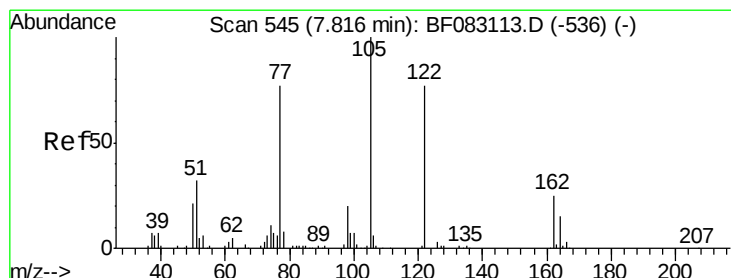
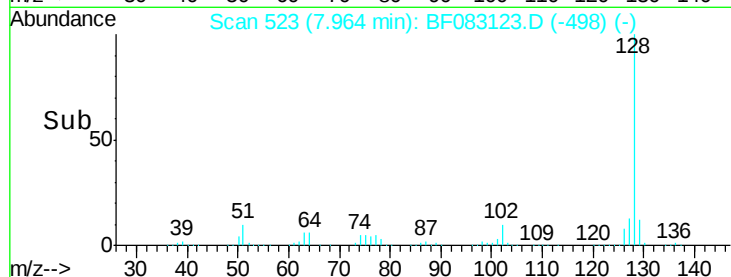
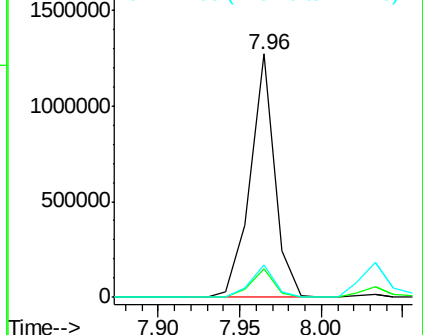
#31
Naphthalene
Concen: 33.30 ng
RT: 7.96 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

Instrument :
BNA_F
ClientSampleId :
PB86620BS

Tgt Ion:128 Resp: 1324861
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.4
127 13.4 10.6 15.8

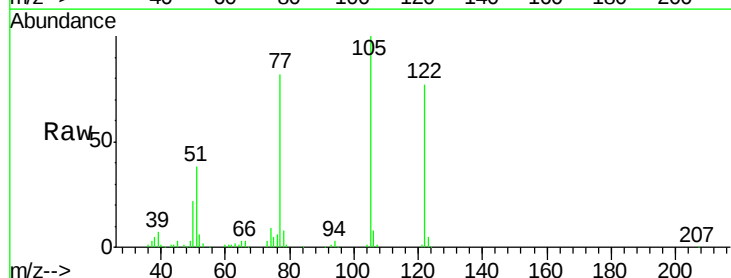


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

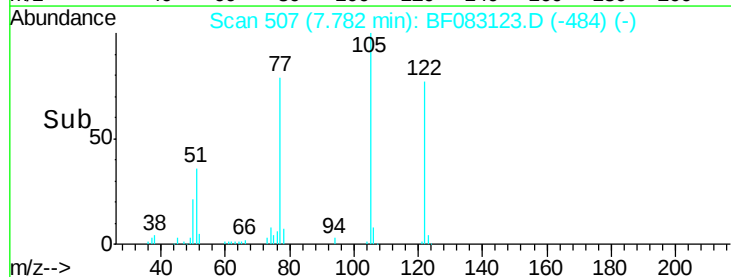
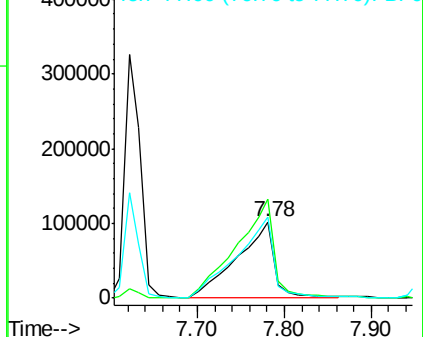


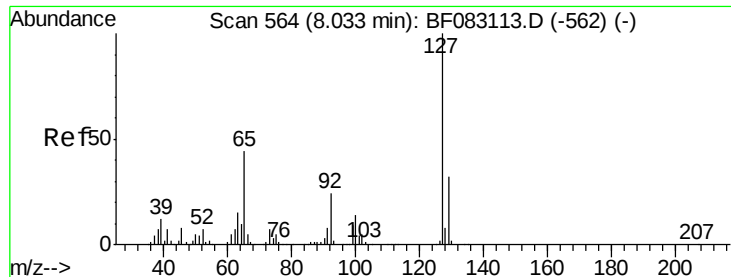
#32
Benzoic acid
Concen: 32.10 ng
RT: 7.78 min Scan# 507
Delta R.T. -0.03 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

Tgt Ion:122 Resp: 303009
Ion Ratio Lower Upper
122 100
105 129.6 109.7 149.7
77 106.6 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

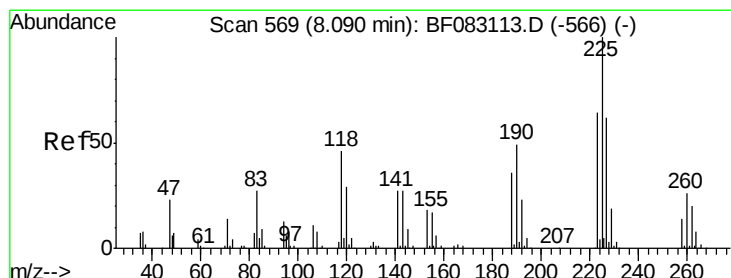
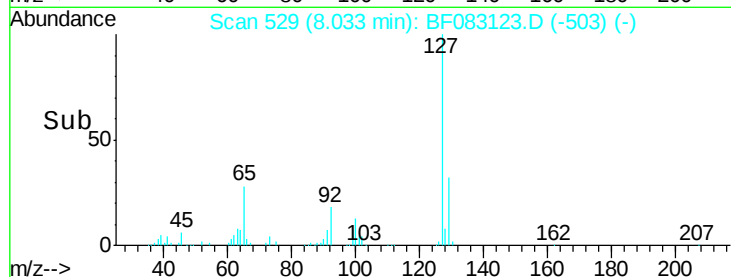
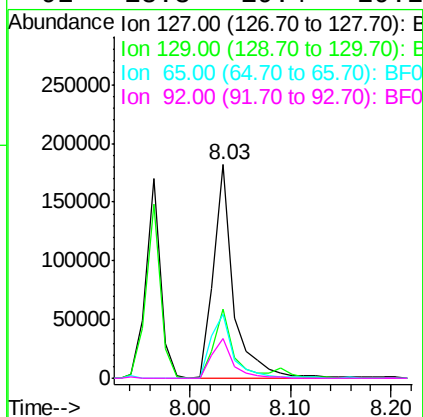
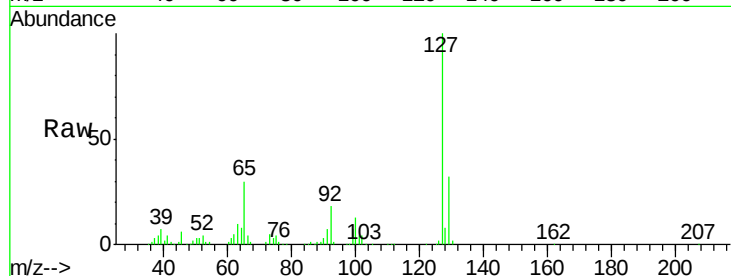




#33
4-Chloroaniline
Concen: 16.07 ng
RT: 8.03 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

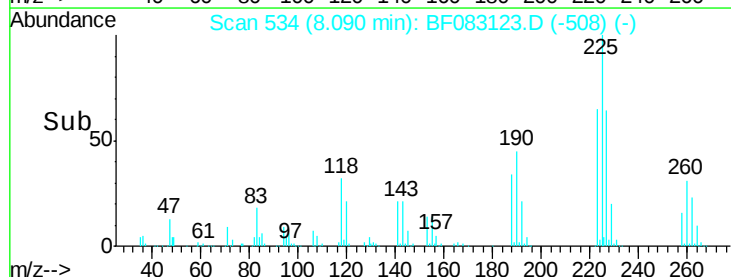
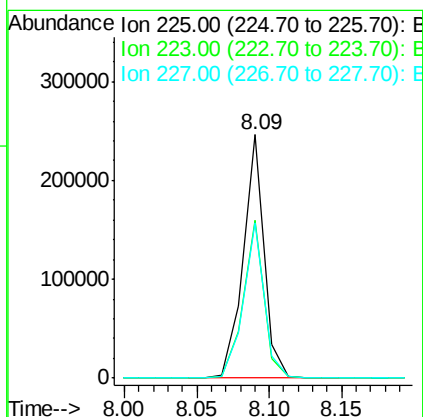
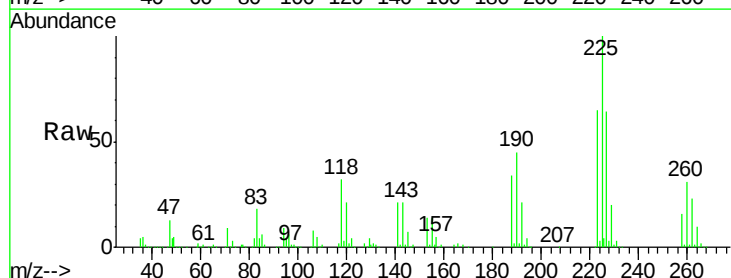
Instrument :
BNA_F
ClientSampleId :
PB86620BS

Tgt Ion:	127	Resp:	248012
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.7	38.5
65	29.9	35.5	53.3#
92	18.3	19.4	29.2#



#34
Hexachlorobutadiene
Concen: 32.91 ng
RT: 8.09 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

Tgt Ion:	225	Resp:	246792
Ion	Ratio	Lower	Upper
225	100		
223	65.0	51.3	76.9
227	63.8	49.8	74.8

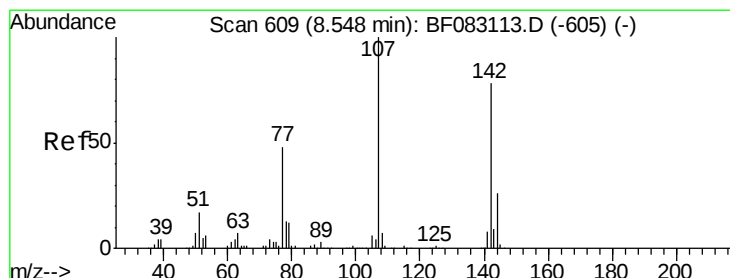
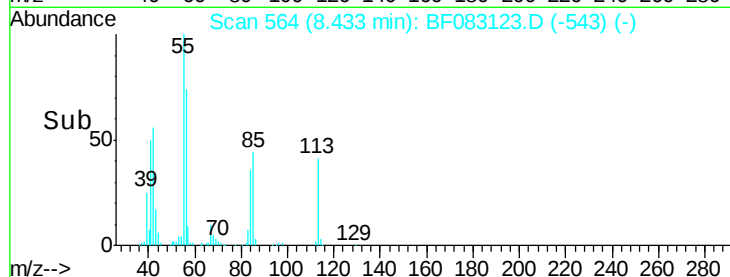
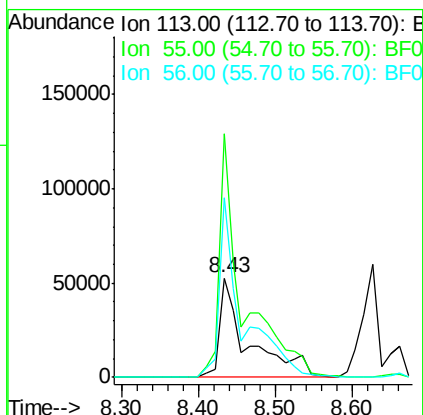
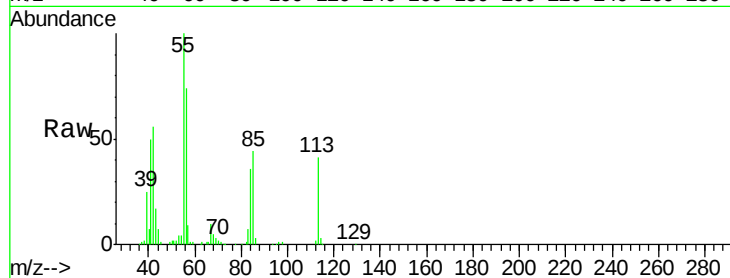




#35
 Caprolactam
 Concen: 36.80 ng
 RT: 8.43 min Scan# 564
 Delta R.T. -0.06 min
 Lab File: BF083123.D
 Acq: 21 Nov 2015 21:01

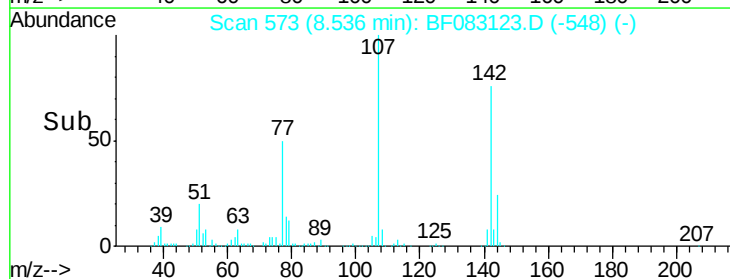
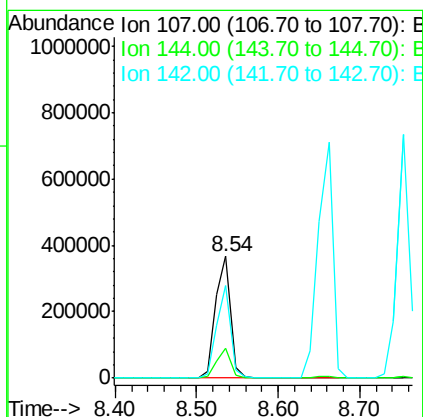
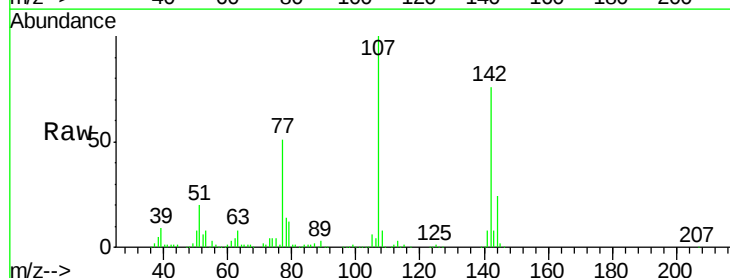
Instrument :
 BNA_F
 ClientSampleId :
 PB86620BS

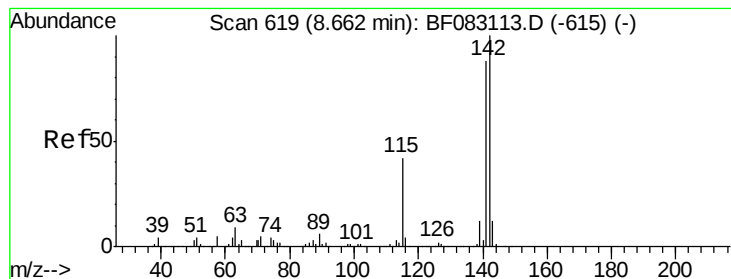
Tgt Ion:113 Resp: 136226
 Ion Ratio Lower Upper
 113 100
 55 245.1 192.6 232.6#
 56 180.6 148.6 188.6



#36
 4-Chloro-3-methylphenol
 Concen: 34.95 ng
 RT: 8.54 min Scan# 573
 Delta R.T. -0.01 min
 Lab File: BF083123.D
 Acq: 21 Nov 2015 21:01

Tgt Ion:107 Resp: 467699
 Ion Ratio Lower Upper
 107 100
 144 24.2 20.8 31.2
 142 75.8 62.1 93.1





#37

2-Methylnaphthalene

Concen: 34.46 ng

RT: 8.66 min Scan# 584

Delta R.T. -0.00 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

Instrument :

BNA_F

ClientSampleId :

PB86620BS

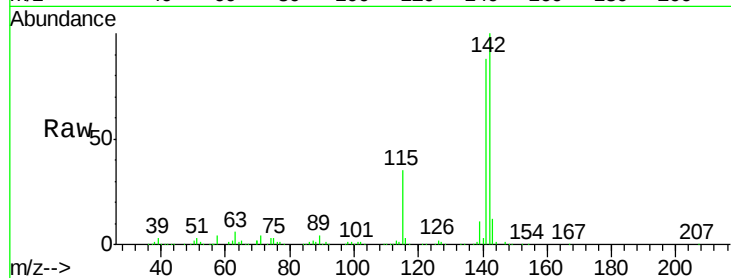
Tgt Ion:142 Resp: 889752

Ion Ratio Lower Upper

142 100

141 87.9 70.3 105.5

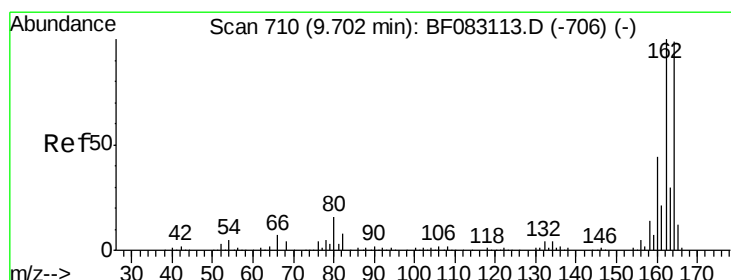
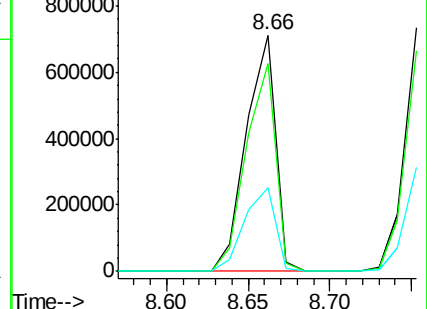
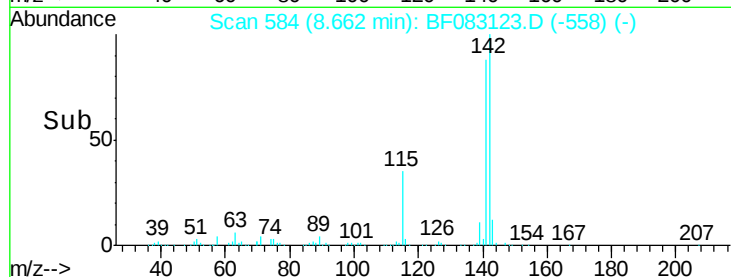
115 35.3 33.4 50.2



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: 9.69 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

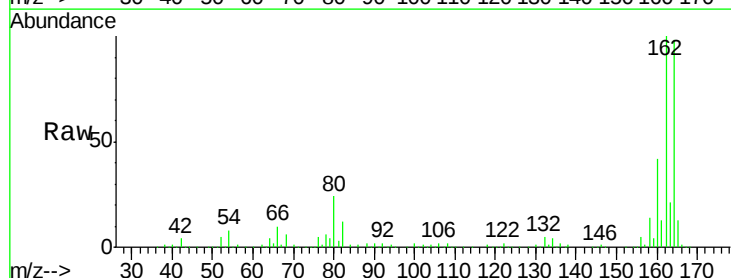
Tgt Ion:164 Resp: 371745

Ion Ratio Lower Upper

164 100

162 101.8 81.2 121.8

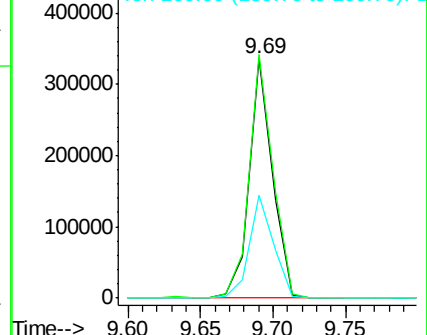
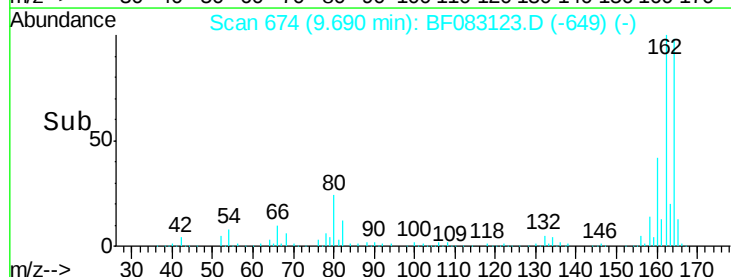
160 43.1 35.6 53.4

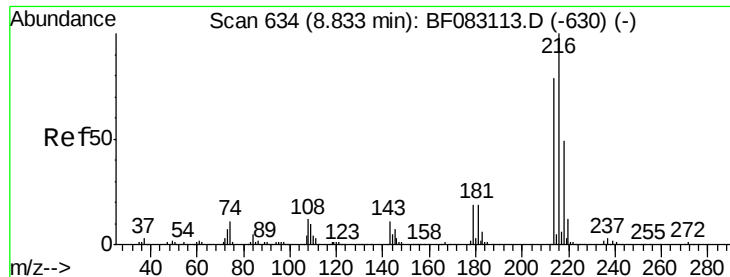


Abundance Ion 164.00 (163.70 to 164.70): E

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: 31.34 ng

RT: 8.82 min Scan# 598

Delta R.T. -0.01 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

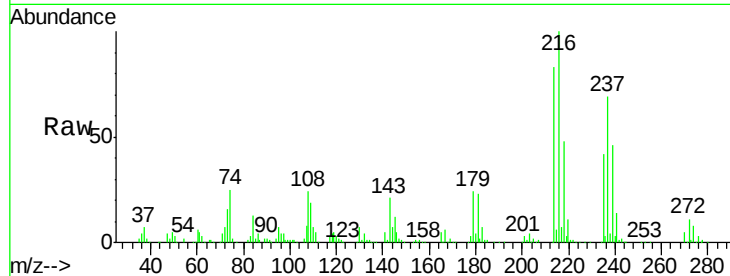
Instrument :

BNA_F

ClientSampleId :

PB86620BS

Tgt Ion:	216	Resp:	377653
Ion Ratio	Lower	Upper	
216	100		
214	80.5	63.8	95.8
179	22.0	17.0	25.6
108	23.8	15.2	22.8#

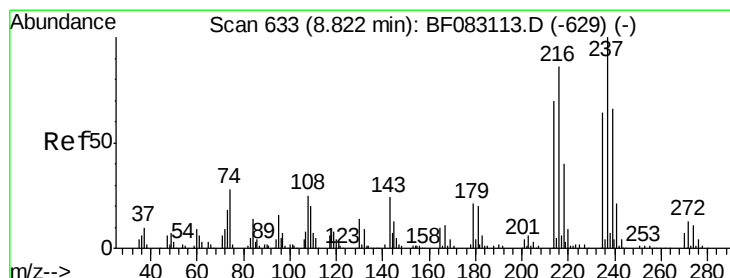
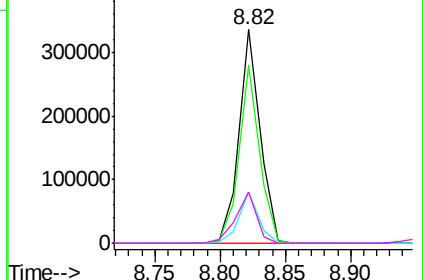
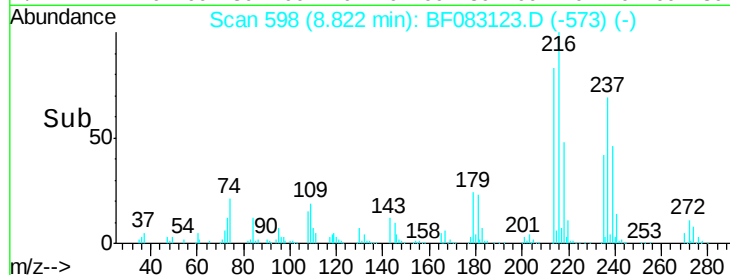


Abundance Ion 216.00 (215.70 to 216.70): E

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: 65.29 ng

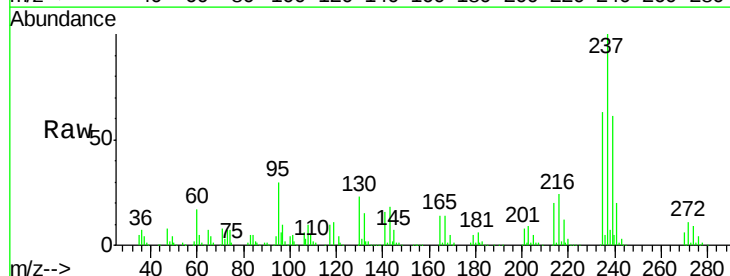
RT: 8.81 min Scan# 597

Delta R.T. -0.01 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

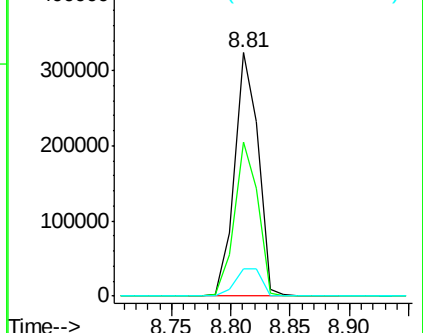
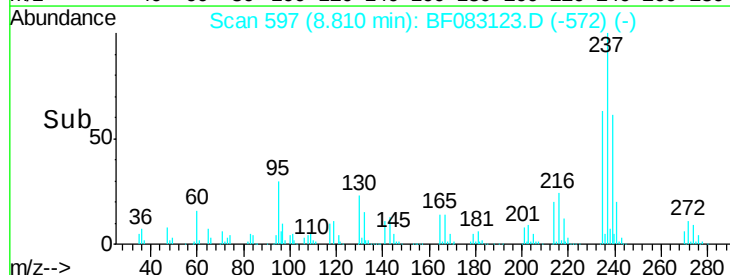
Tgt Ion:	237	Resp:	447307
Ion Ratio	Lower	Upper	
237	100		
235	63.3	43.5	83.5
272	11.4	0.0	33.1

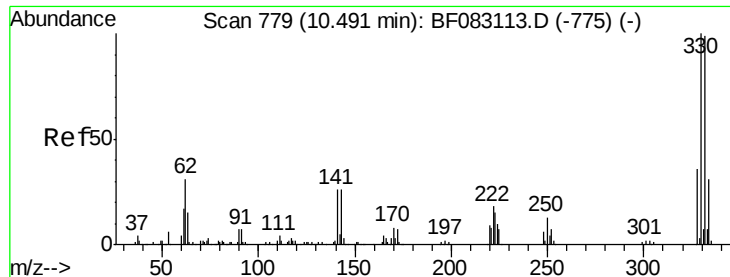


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

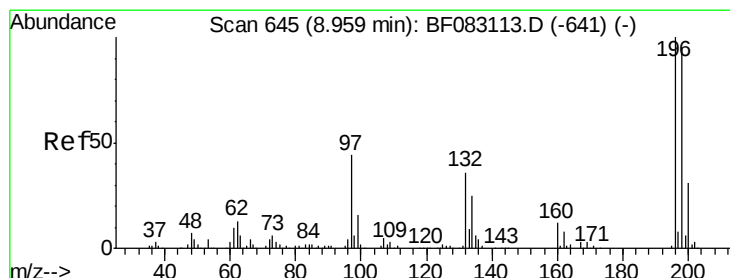
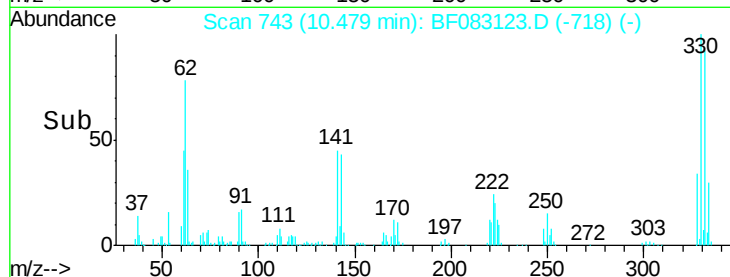
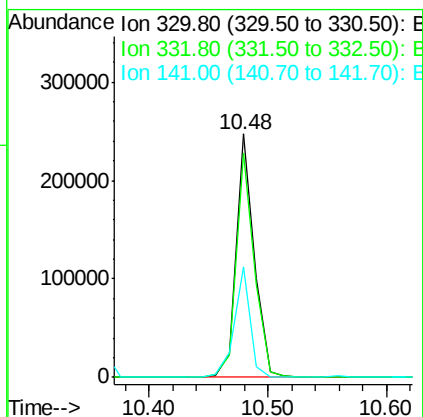
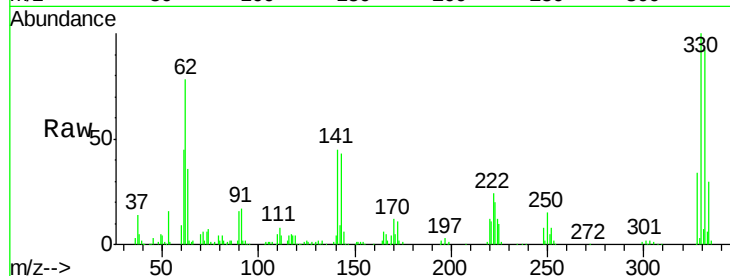




#41
 2,4,6-Tribromophenol
 Concen: 34.46 ng
 RT: 10.48 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF083123.D
 Acq: 21 Nov 2015 21:01

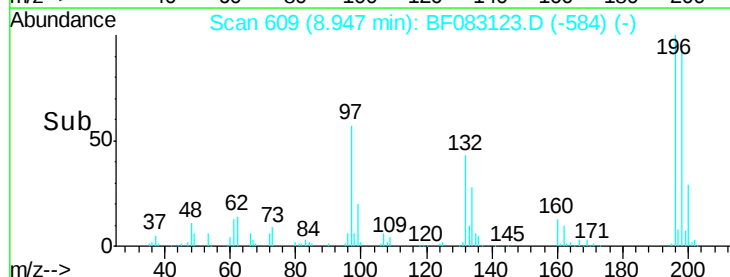
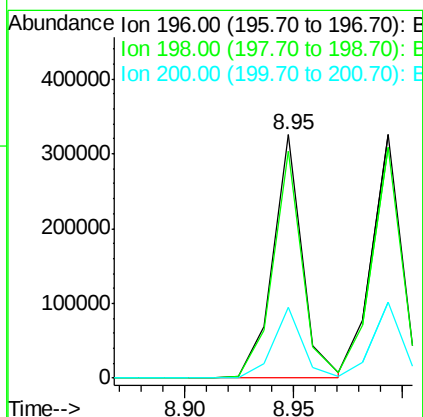
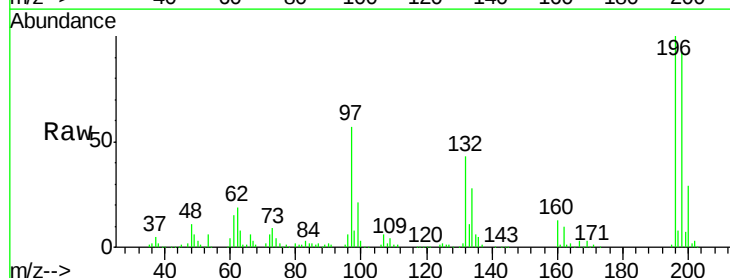
Instrument :
 BNA_F
 ClientSampleId :
 PB86620BS

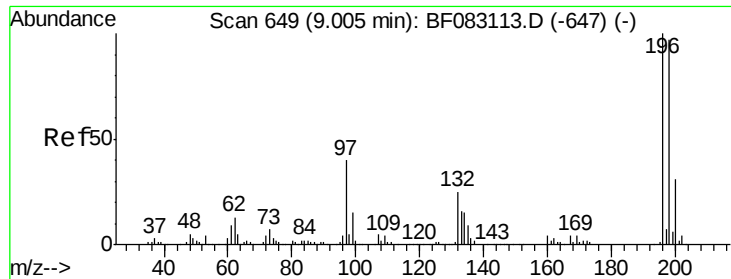
Tgt Ion:330 Resp: 262099
 Ion Ratio Lower Upper
 330 100
 332 92.9 77.7 116.5
 141 39.9 29.7 44.5



#42
 2,4,6-Trichlorophenol
 Concen: 35.51 ng
 RT: 8.95 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF083123.D
 Acq: 21 Nov 2015 21:01

Tgt Ion:196 Resp: 306463
 Ion Ratio Lower Upper
 196 100
 198 93.1 75.9 113.9
 200 29.0 24.5 36.7

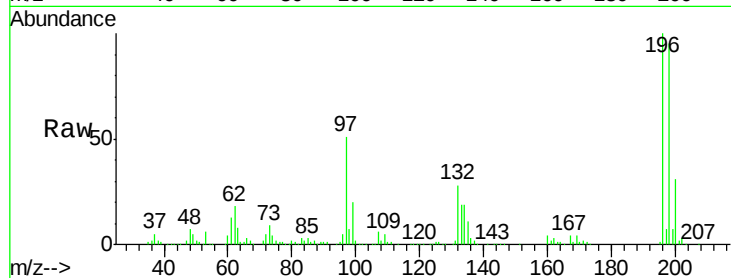




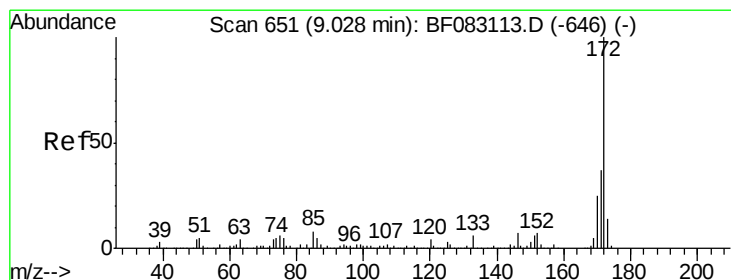
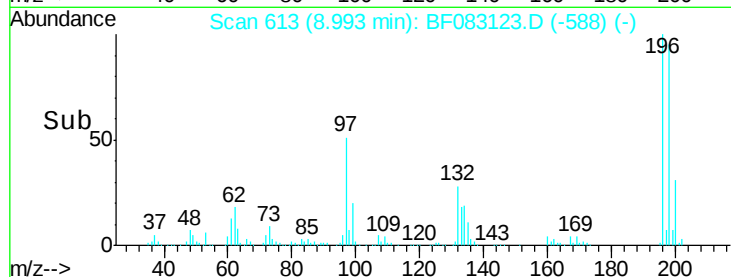
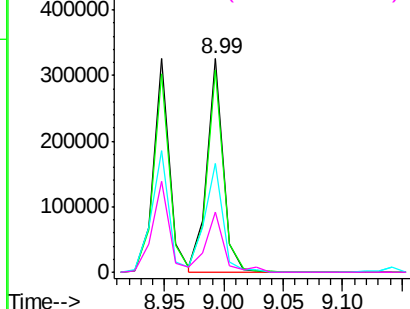
#43
 2,4,5-Trichlorophenol
 Concen: 35.52 ng
 RT: 8.99 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF083123.D
 Acq: 21 Nov 2015 21:01

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BS

Tgt Ion:196 Resp: 313428
 Ion Ratio Lower Upper
 196 100
 198 94.8 77.6 116.4
 97 51.1 32.6 48.8#
 132 28.0 19.8 29.8

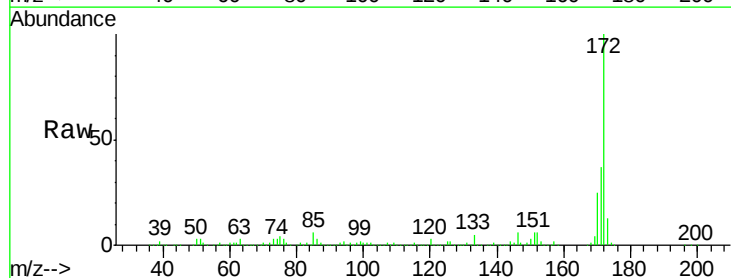


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

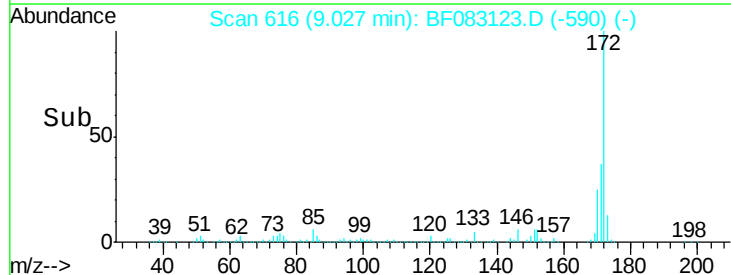
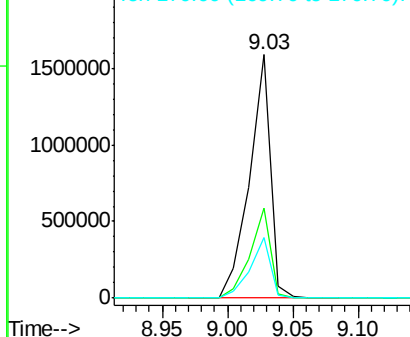


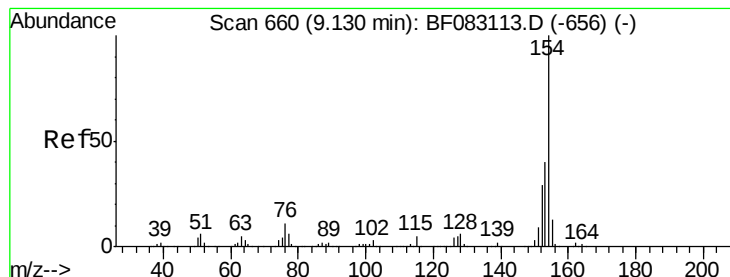
#44
 2-Fluorobiphenyl
 Concen: 33.38 ng
 RT: 9.03 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF083123.D
 Acq: 21 Nov 2015 21:01

Tgt Ion:172 Resp: 1779570
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.5 44.3
 170 24.7 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: 32.37 ng

RT: 9.12 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

Instrument :

BNA_F

ClientSampleId :

PB86620BS

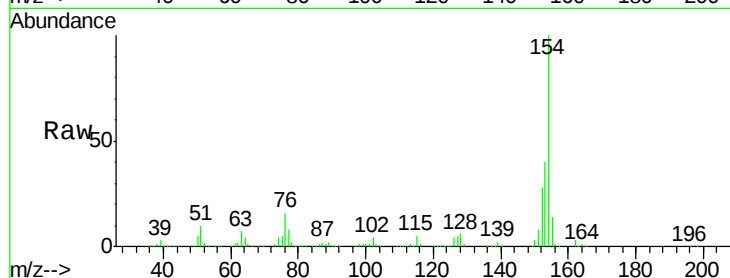
Tgt Ion:154 Resp: 1024286

Ion Ratio Lower Upper

154 100

153 40.0 20.5 60.5

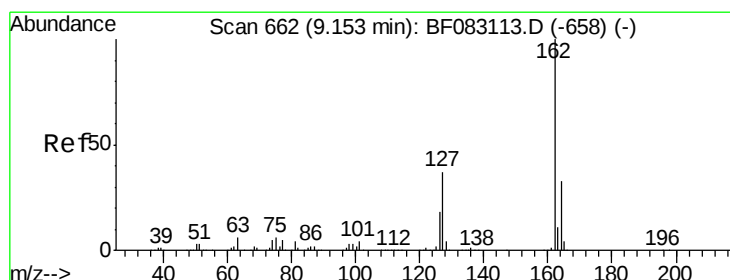
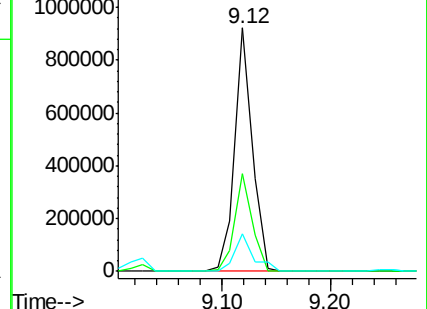
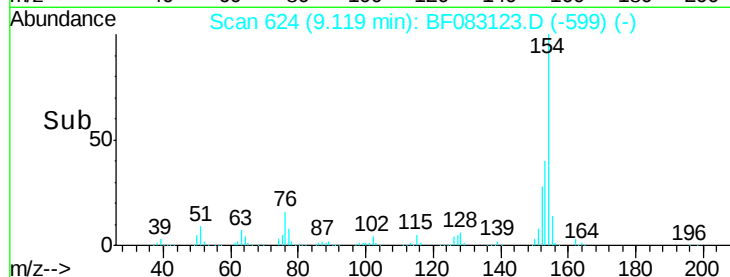
76 15.6 0.0 31.2



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: 33.87 ng

RT: 9.14 min Scan# 626

Delta R.T. -0.01 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

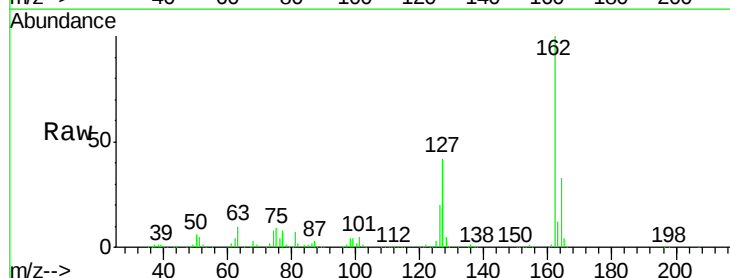
Tgt Ion:162 Resp: 841846

Ion Ratio Lower Upper

162 100

127 41.6 29.4 44.2

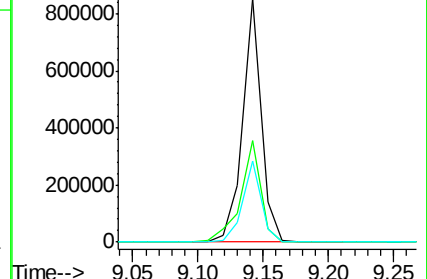
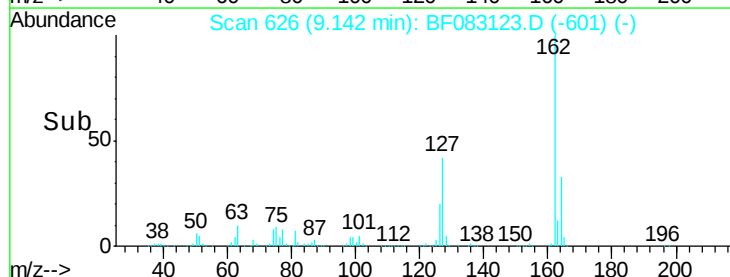
164 33.3 26.2 39.4

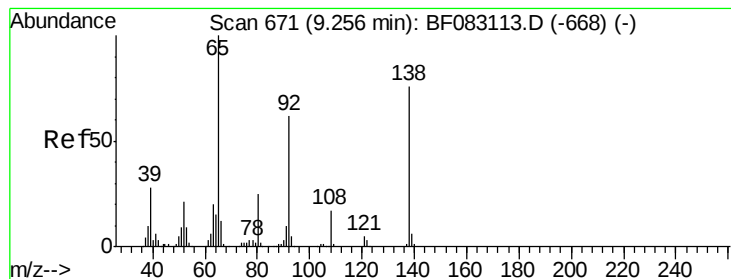


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 34.67 ng

RT: 9.26 min Scan# 636

Delta R.T. -0.00 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

Instrument :

BNA_F

ClientSampleId :

PB86620BS

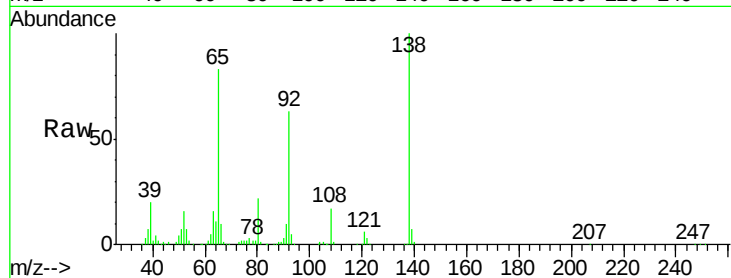
Tgt Ion: 65 Resp: 304776

Ion Ratio Lower Upper

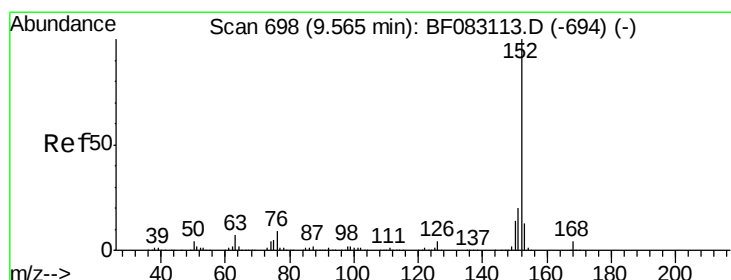
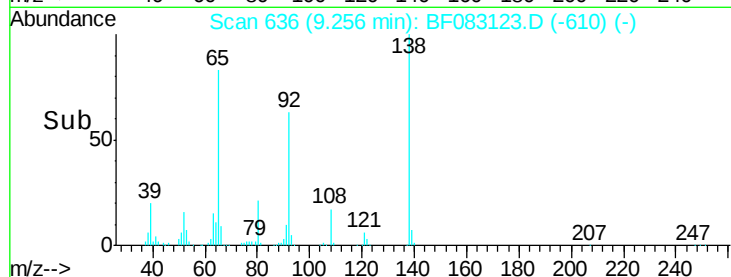
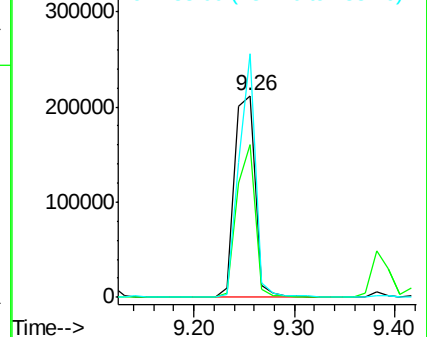
65 100

92 75.4 49.5 74.3#

138 120.5 60.7 91.1#



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



#48

Acenaphthylene

Concen: 32.83 ng

RT: 9.55 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

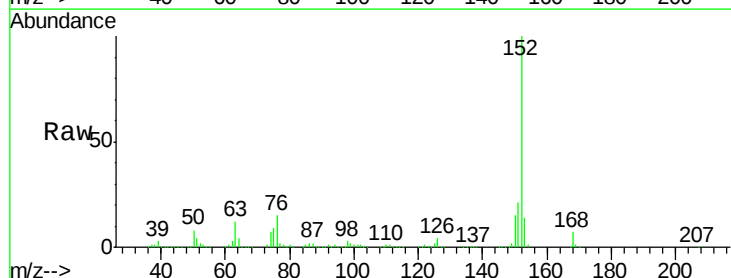
Tgt Ion: 152 Resp: 1264453

Ion Ratio Lower Upper

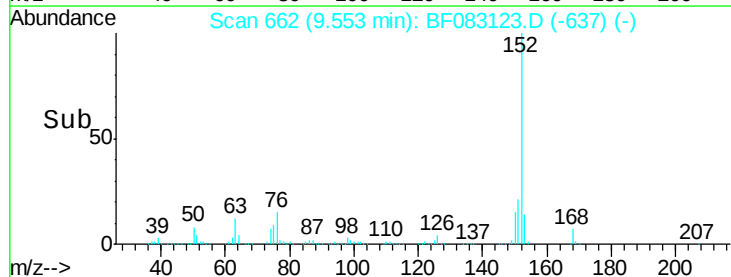
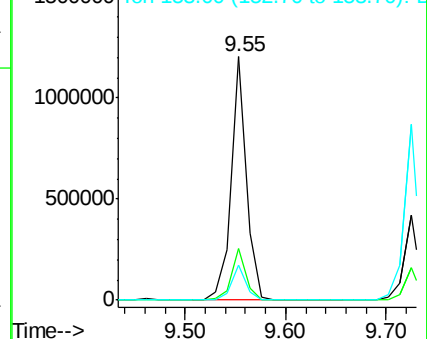
152 100

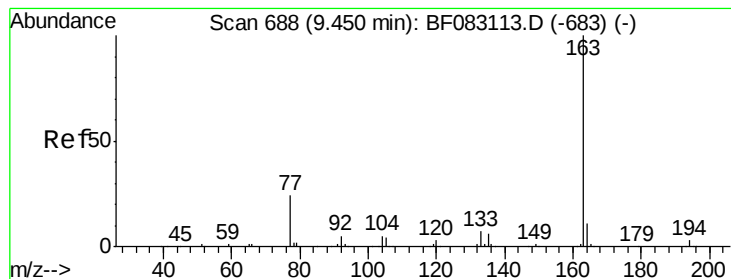
151 21.4 16.3 24.5

153 14.2 10.8 16.2



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





#49

Dimethylphthalate

Concen: 36.37 ng

RT: 9.44 min Scan# 652

Delta R.T. -0.01 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

Instrument :

BNA_F

ClientSampleId :

PB86620BS

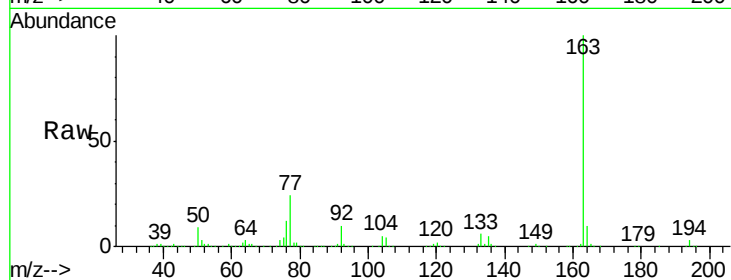
Tgt Ion:163 Resp: 1040834

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

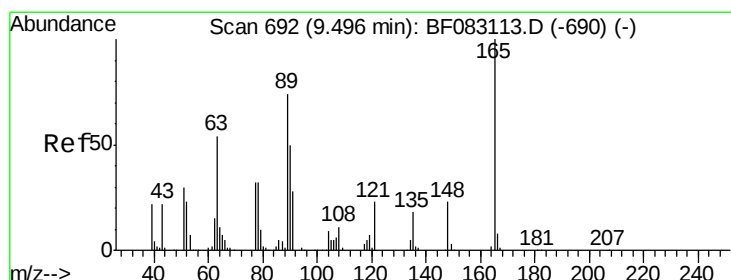
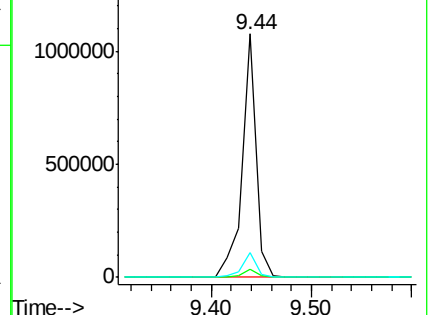
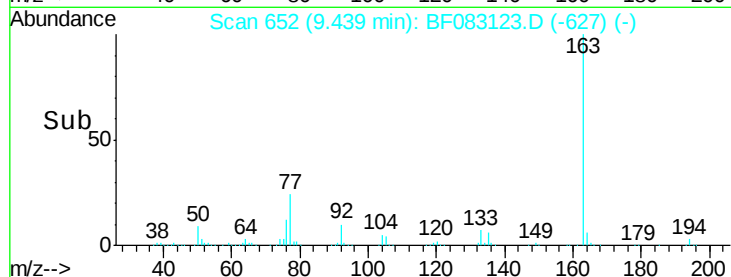
164 10.3 8.6 12.8



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: 35.13 ng

RT: 9.50 min Scan# 657

Delta R.T. -0.00 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

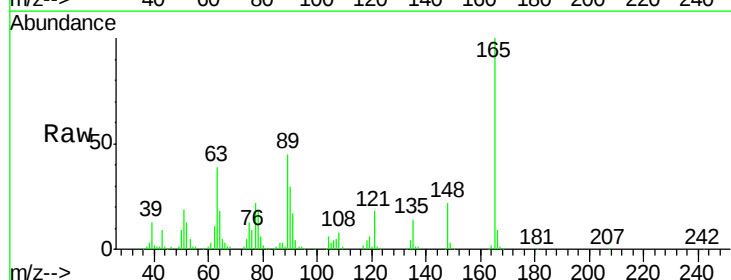
Tgt Ion:165 Resp: 225594

Ion Ratio Lower Upper

165 100

63 38.7 62.5 93.7#

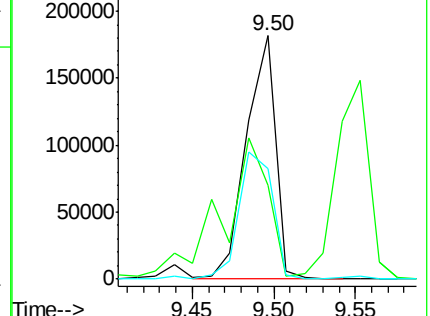
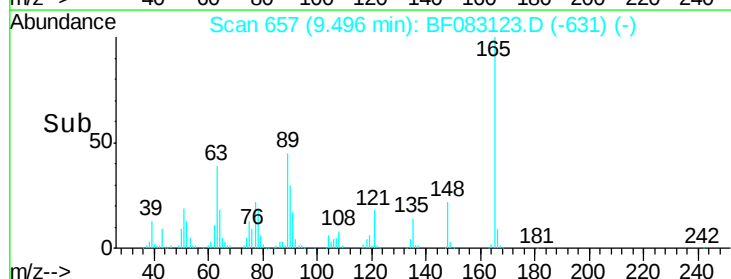
89 45.4 59.1 88.7#

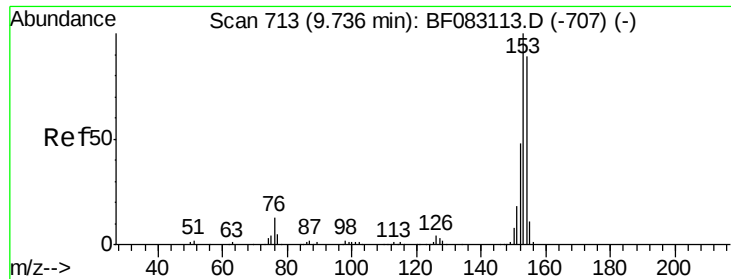


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 32.86 ng

RT: 9.72 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

Instrument :

BNA_F

ClientSampleId :

PB86620BS

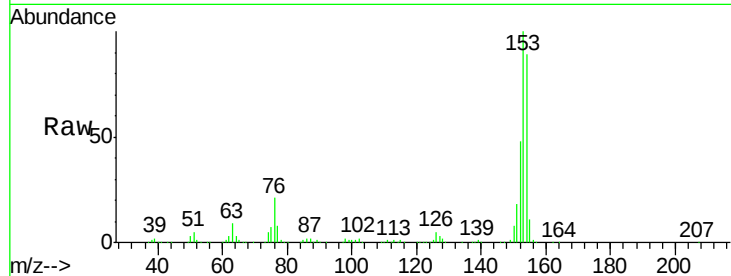
Tgt Ion:154 Resp: 770260

Ion Ratio Lower Upper

154 100

153 112.0 89.6 134.4

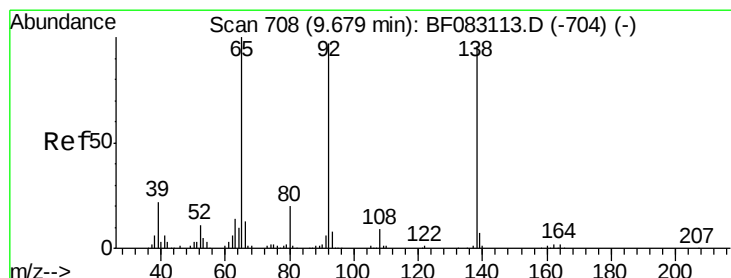
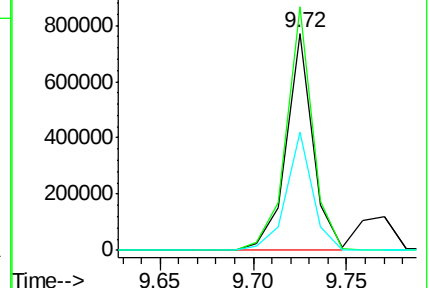
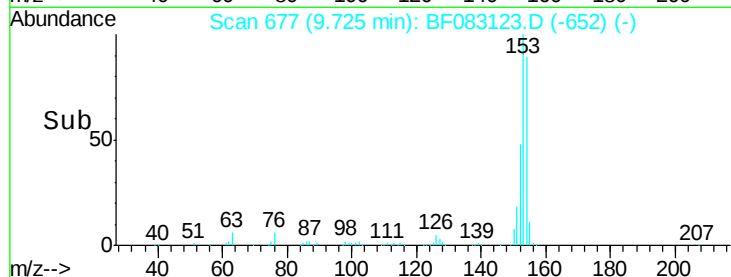
152 54.3 43.3 64.9



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: 18.22 ng

RT: 9.67 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

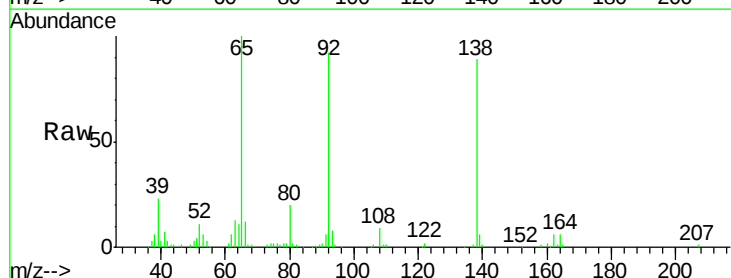
Tgt Ion:138 Resp: 124775

Ion Ratio Lower Upper

138 100

108 10.0 7.8 11.6

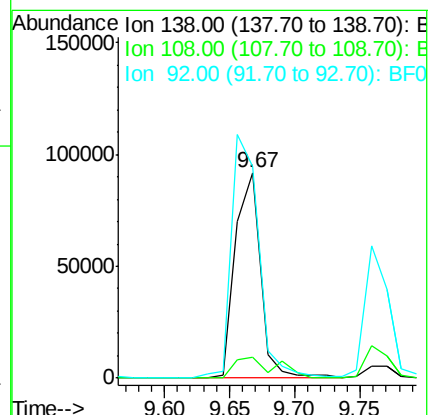
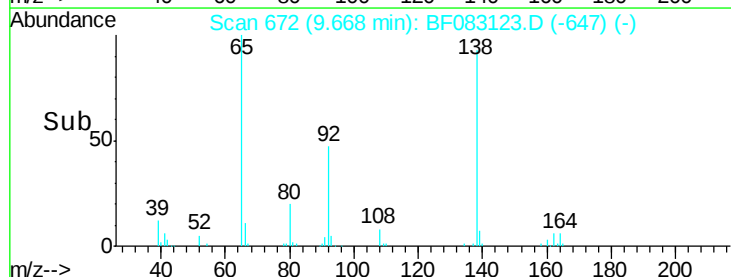
92 103.0 81.1 121.7

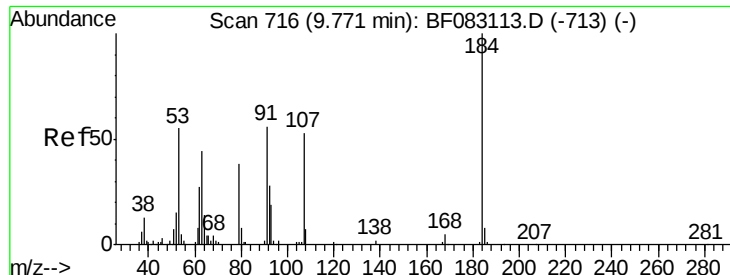


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

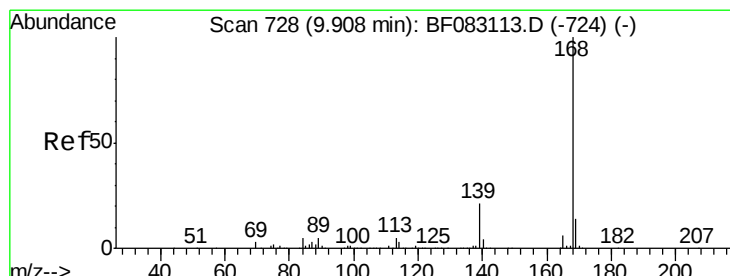
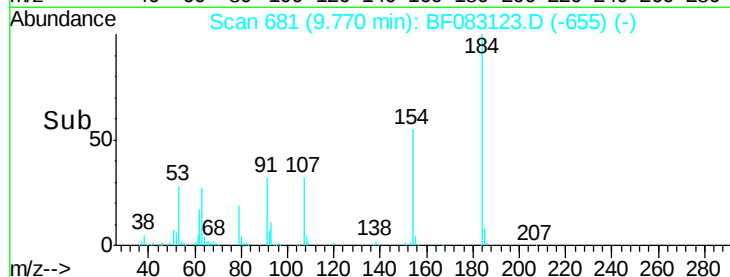
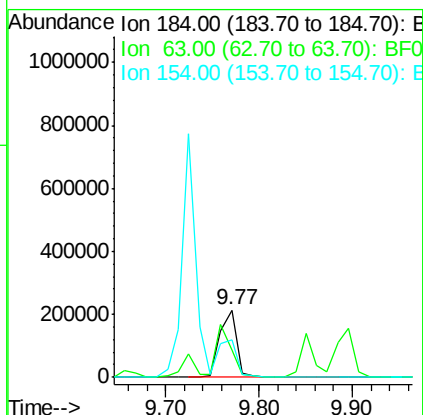
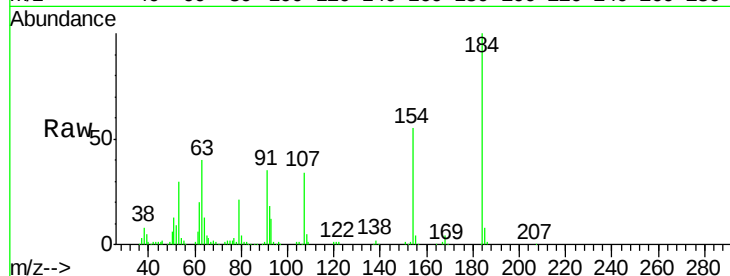




#53
 2,4-Dinitrophenol
 Concen: 73.03 ng
 RT: 9.77 min Scan# 681
 Delta R.T. 0.00 min
 Lab File: BF083123.D
 Acq: 21 Nov 2015 21:01

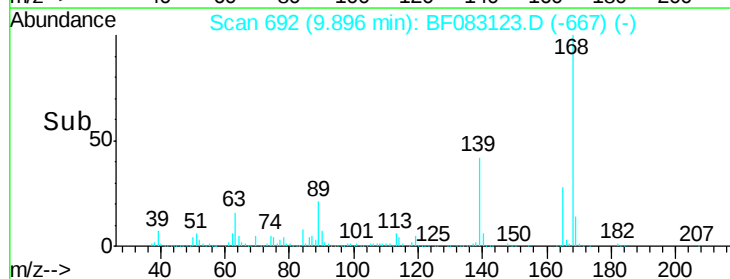
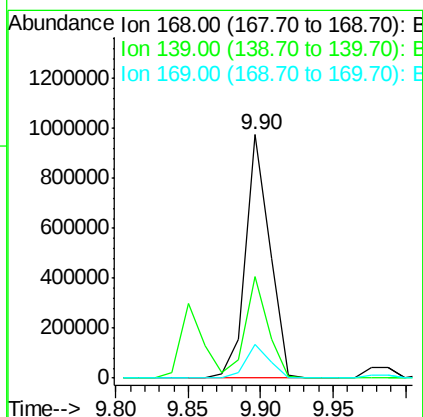
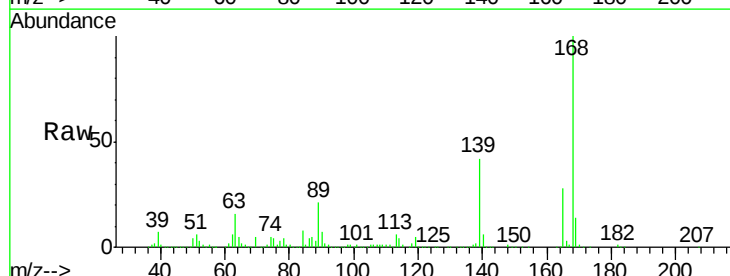
Instrument :
 BNA_F
 ClientSampleId :
 PB86620BS

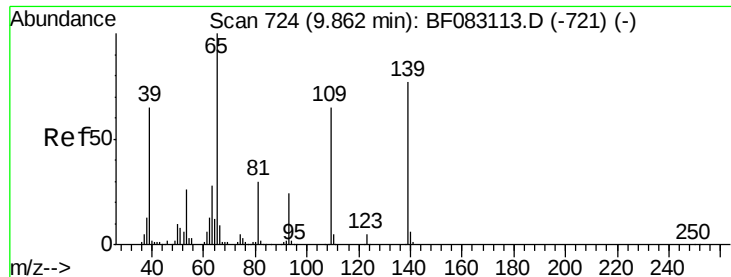
Tgt Ion:184 Resp: 270182
 Ion Ratio Lower Upper
 184 100
 63 39.8 60.5 90.7#
 154 55.3 54.3 81.5



#54
 Dibenzofuran
 Concen: 33.99 ng
 RT: 9.90 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF083123.D
 Acq: 21 Nov 2015 21:01

Tgt Ion:168 Resp: 1126513
 Ion Ratio Lower Upper
 168 100
 139 41.8 30.2 45.2
 169 13.9 10.9 16.3

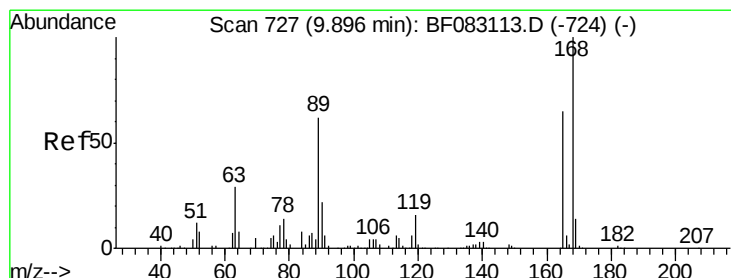
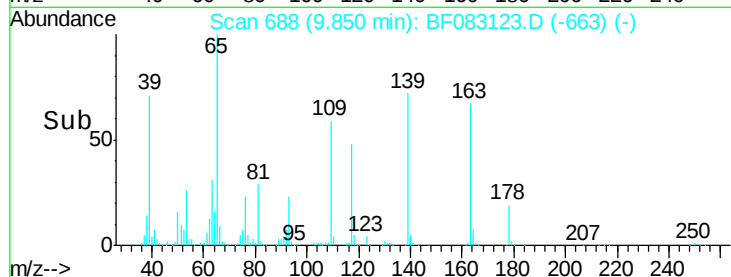
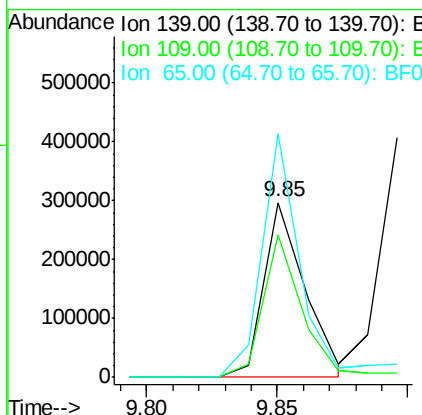
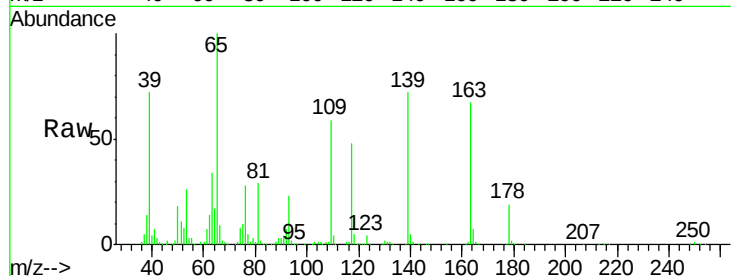




#55
4-Nitrophenol
Concen: 61.64 ng
RT: 9.85 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

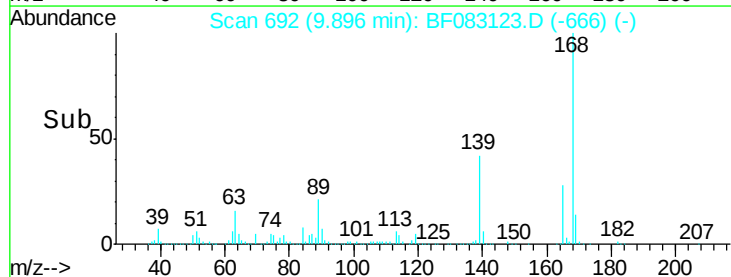
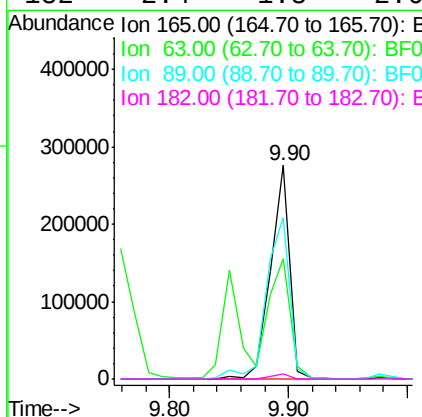
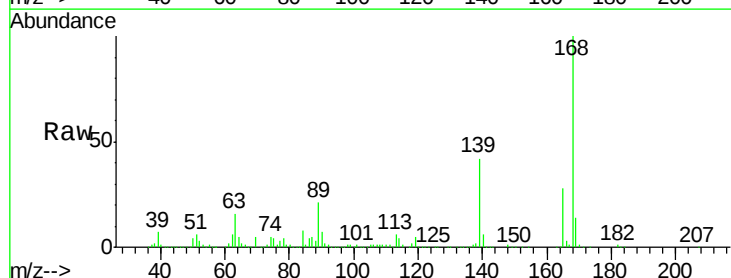
Instrument :
BNA_F
ClientSampleId :
PB86620BS

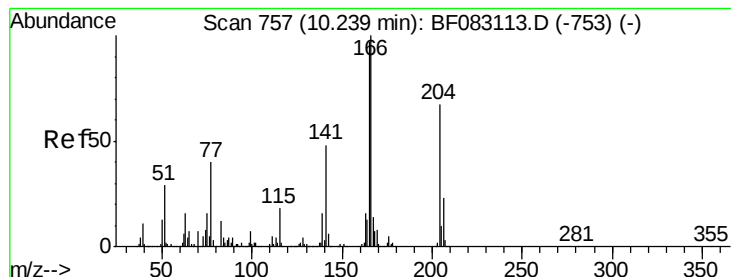
Tgt Ion:139 Resp: 323598
Ion Ratio Lower Upper
139 100
109 81.6 64.0 104.0
65 139.2 109.5 149.5



#56
2,4-Dinitrotoluene
Concen: 37.63 ng
RT: 9.90 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

Tgt Ion:165 Resp: 306170
Ion Ratio Lower Upper
165 100
63 56.2 54.5 81.7
89 75.7 77.3 115.9#
182 2.4 1.8 2.6





#57

Fluorene

Concen: 33.36 ng

RT: 10.24 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

Instrument :

BNA_F

ClientSampleId :

PB86620BS

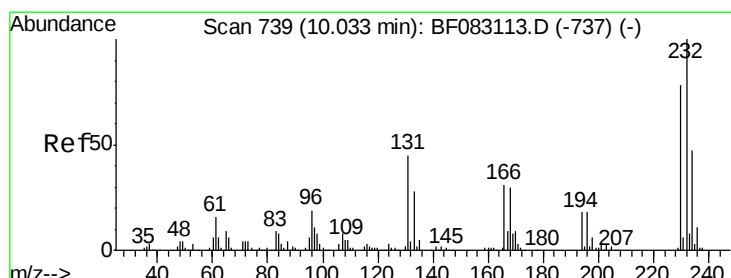
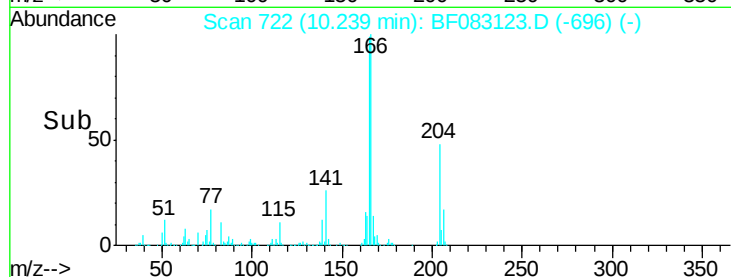
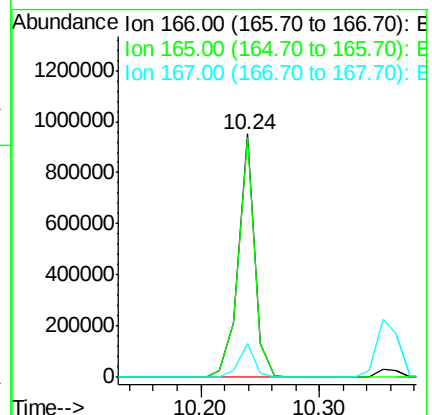
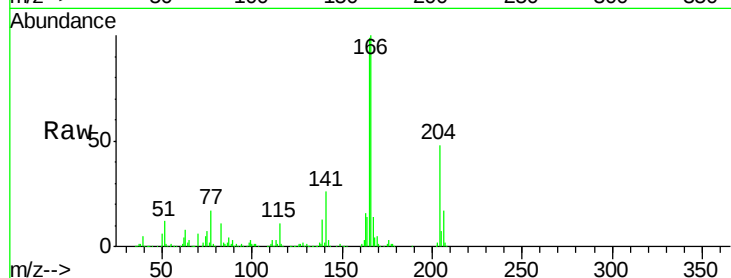
Tgt Ion:166 Resp: 913728

Ion Ratio Lower Upper

166 100

165 98.6 78.0 117.0

167 13.9 11.3 16.9



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.57 ng

RT: 10.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

Tgt Ion:232 Resp: 257489

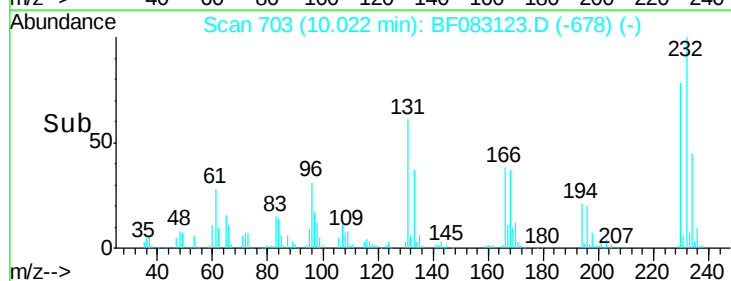
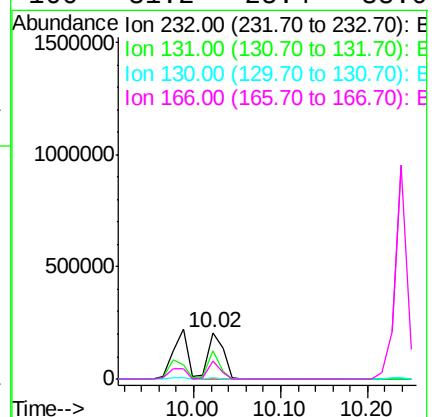
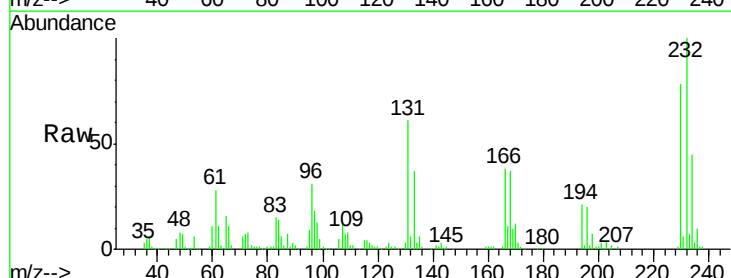
Ion Ratio Lower Upper

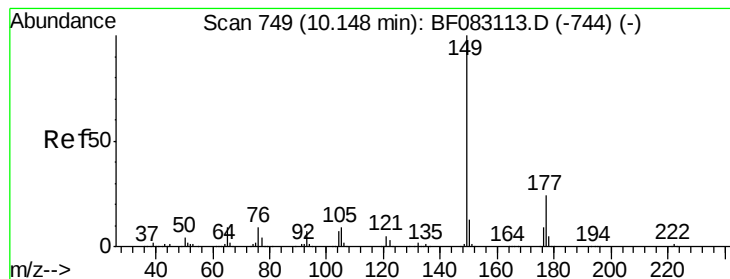
232 100

131 47.5 38.6 57.8

130 2.2 1.9 2.9

166 31.2 25.4 38.0





#59

Diethylphthalate

Concen: 36.09 ng

RT: 10.14 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

Instrument :

BNA_F

ClientSampleId :

PB86620BS

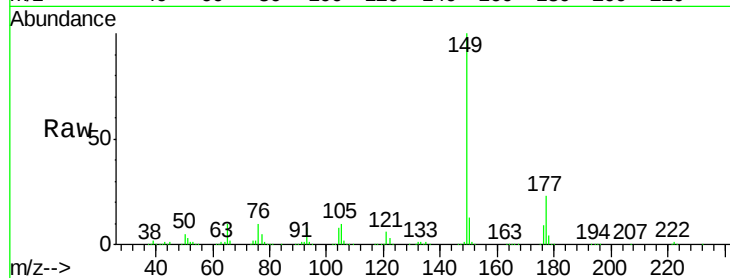
Tgt Ion:149 Resp: 1028093

Ion Ratio Lower Upper

149 100

177 22.6 19.4 29.2

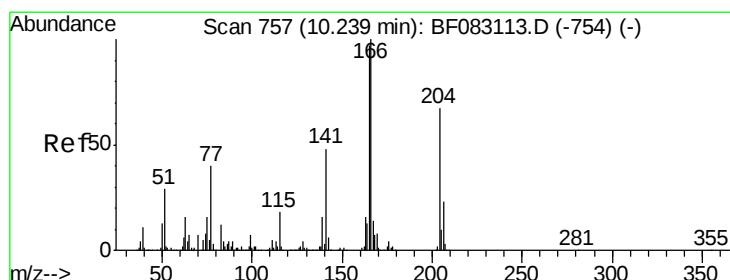
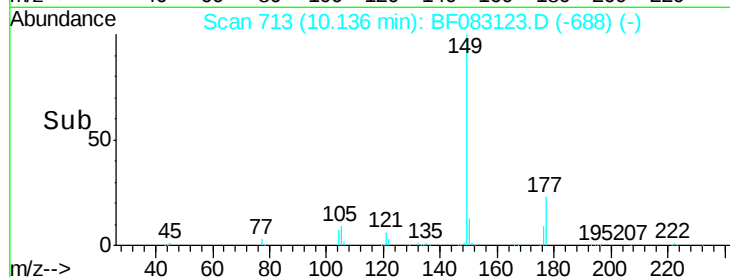
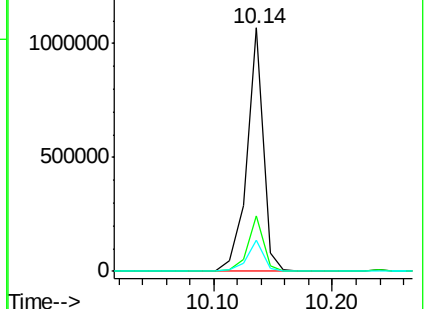
150 12.7 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 35.81 ng

RT: 10.24 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

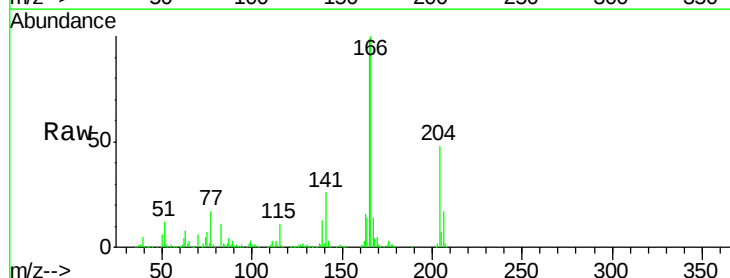
Tgt Ion:204 Resp: 449274

Ion Ratio Lower Upper

204 100

206 34.9 27.4 41.0

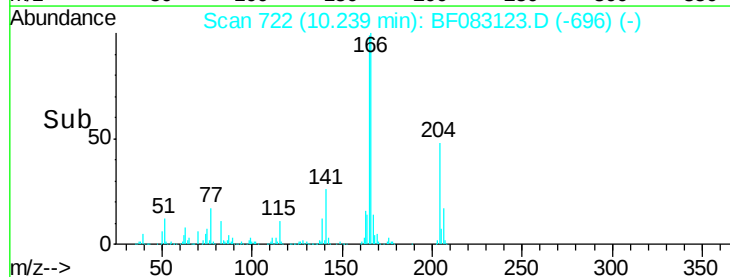
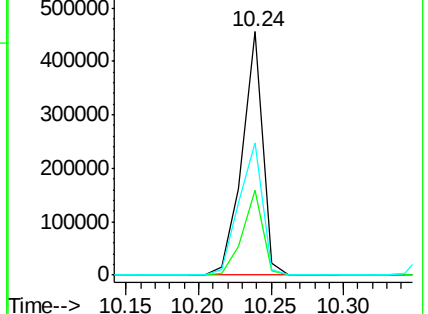
141 54.4 57.4 86.2#

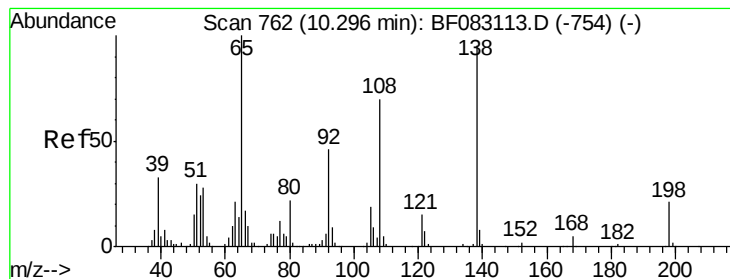


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 32.50 ng

RT: 10.27 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

Instrument :

BNA_F

ClientSampleId :

PB86620BS

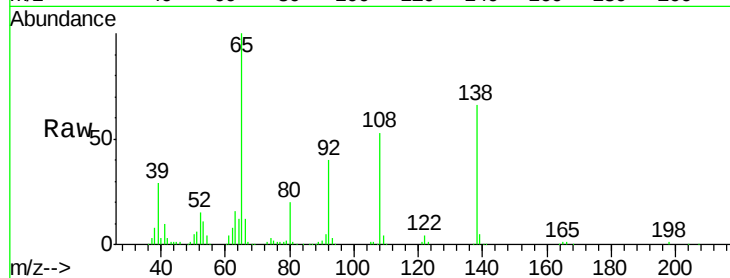
Tgt Ion: 138 Resp: 219113

Ion Ratio Lower Upper

138 100

92 60.0 28.4 68.4

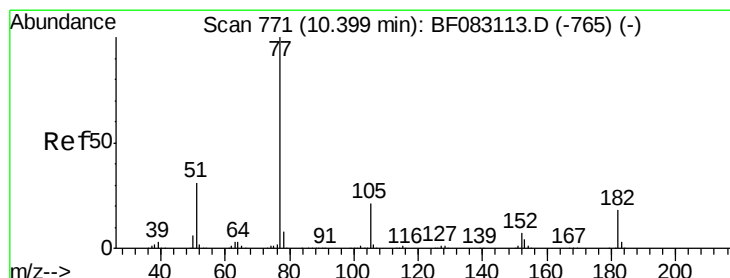
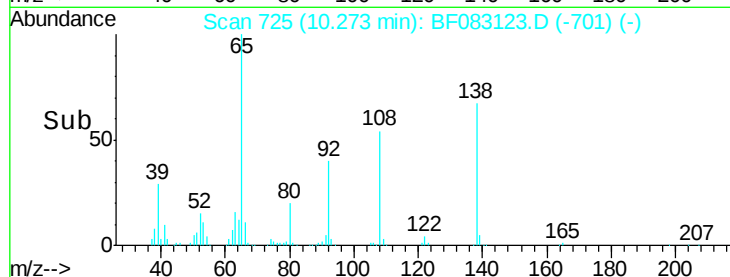
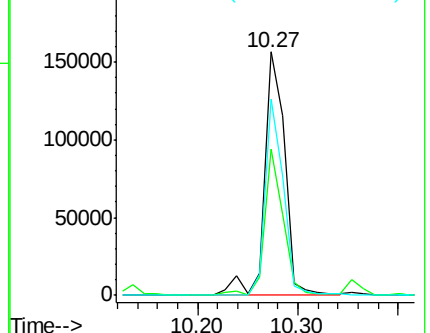
108 80.6 53.5 93.5



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: 36.81 ng

RT: 10.40 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

Tgt Ion: 77 Resp: 1196794

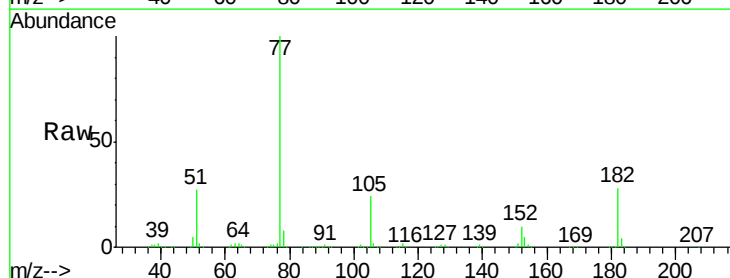
Ion Ratio Lower Upper

77 100

182 27.7 0.0 38.3

105 24.3 1.2 41.2

51 27.1 11.1 51.1

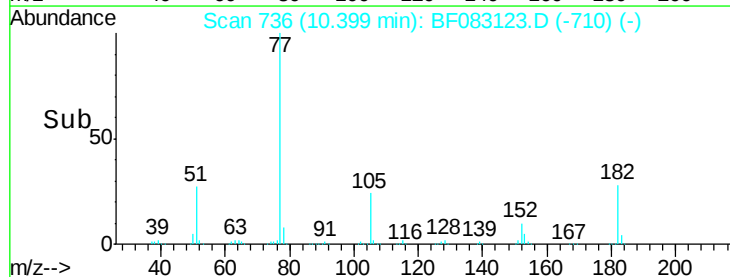
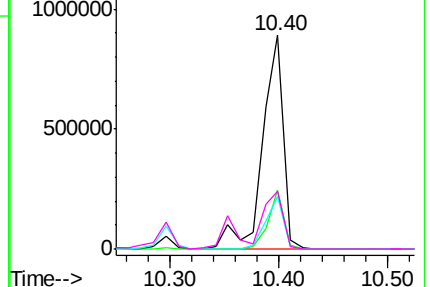


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

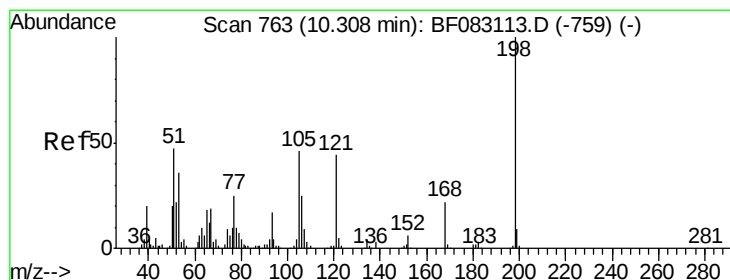
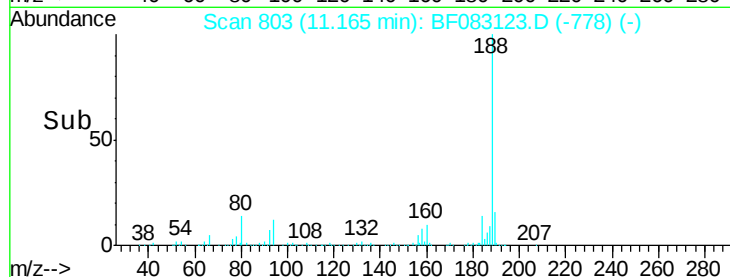
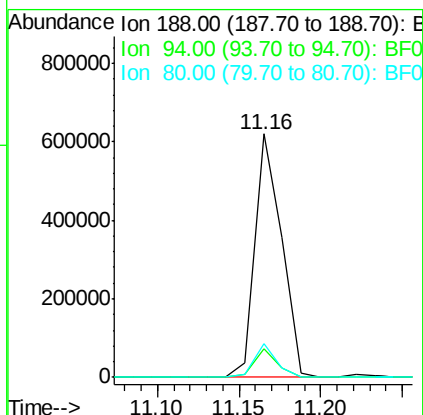
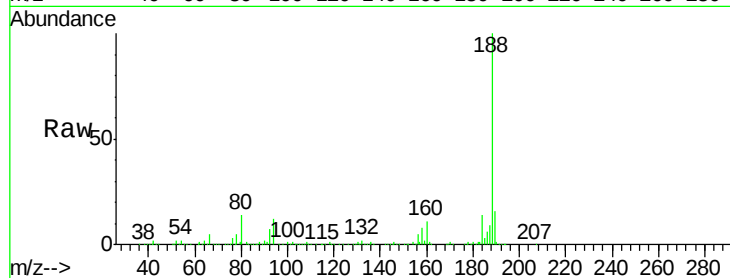




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

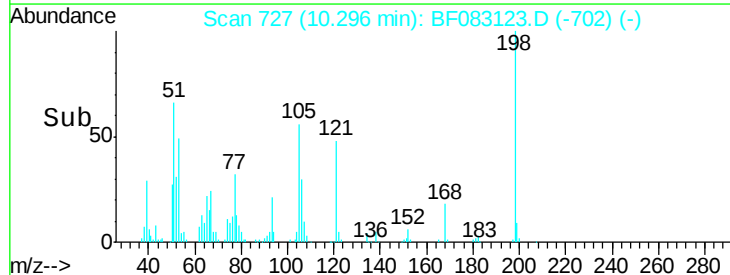
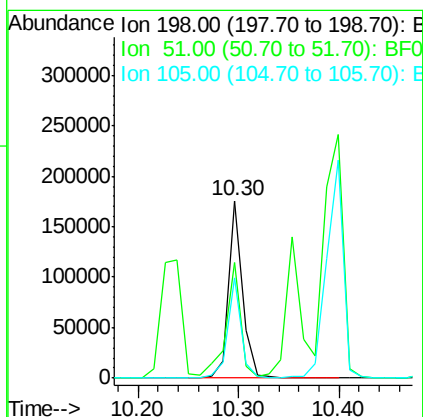
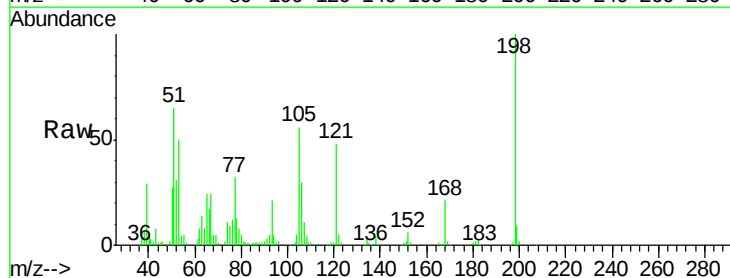
Instrument :
BNA_F
ClientSampleId :
PB86620BS

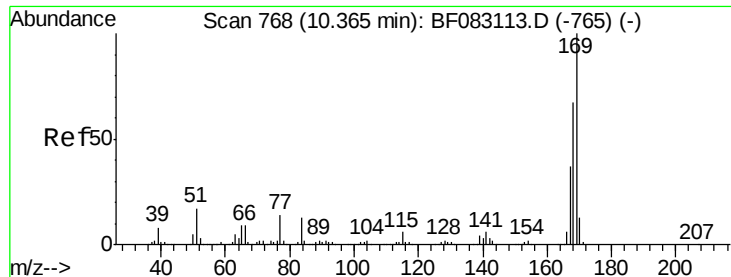
Tgt Ion:188 Resp: 708271
Ion Ratio Lower Upper
188 100
94 11.9 6.0 9.0#
80 13.8 6.7 10.1#



#64
4,6-Dinitro-2-methylphenol
Concen: 34.90 ng
RT: 10.30 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

Tgt Ion:198 Resp: 170340
Ion Ratio Lower Upper
198 100
51 65.3 27.0 67.0
105 56.3 26.1 66.1

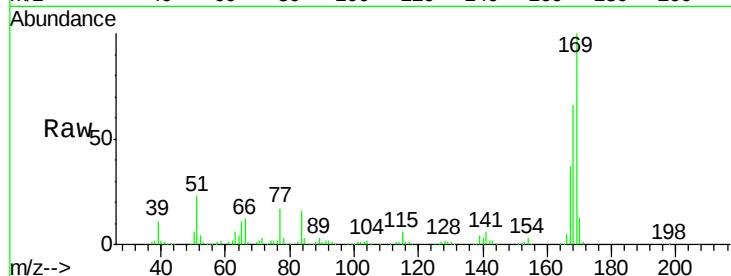




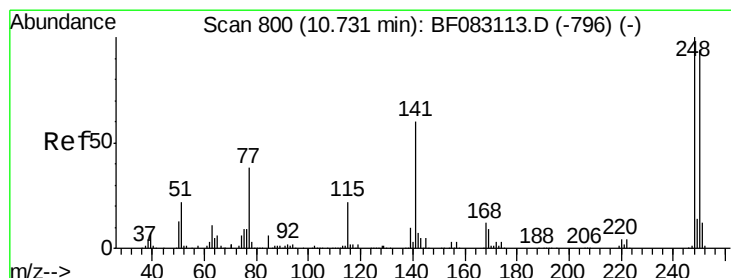
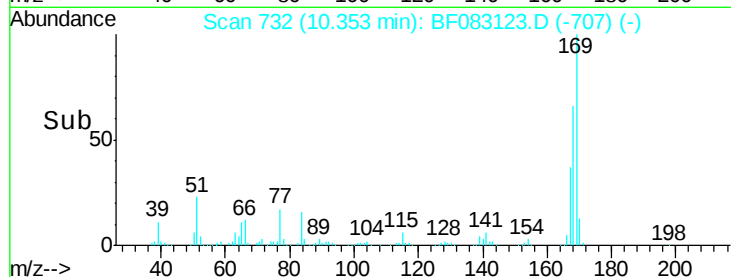
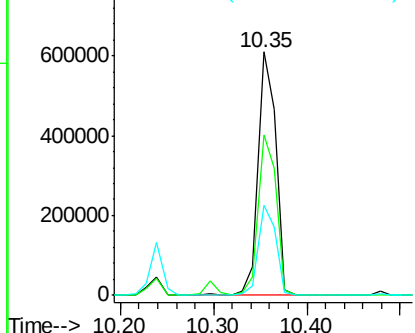
#65
n-Nitrosodiphenylamine
Concen: 33.58 ng
RT: 10.35 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

Instrument :
BNA_F
ClientSampleId :
PB86620BS

Tgt Ion:169 Resp: 808847
Ion Ratio Lower Upper
169 100
168 66.1 53.8 80.6
167 37.0 29.8 44.8

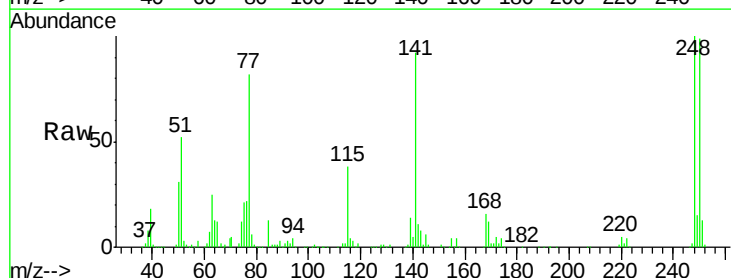


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

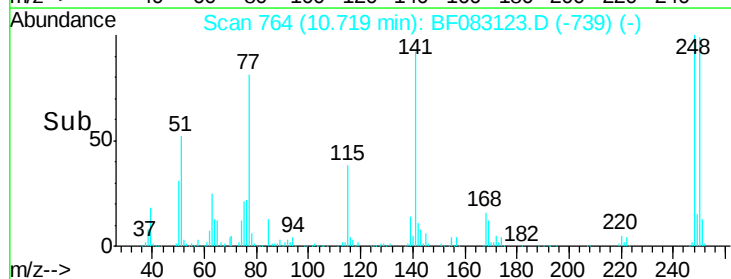
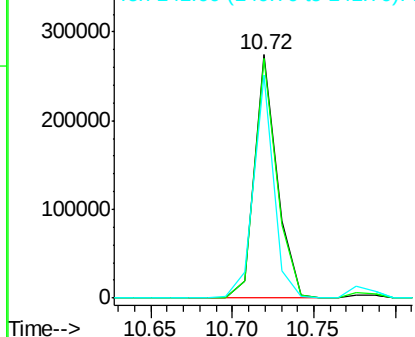


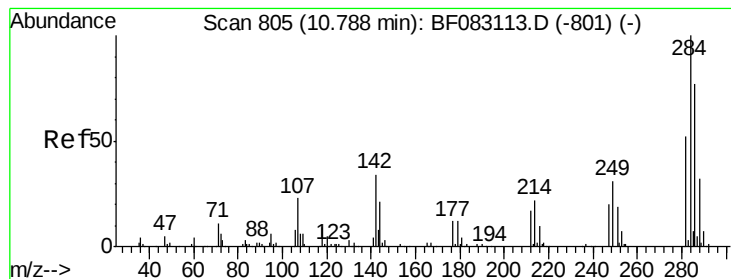
#66
4-Bromophenyl-phenylether
Concen: 33.72 ng
RT: 10.72 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

Tgt Ion:248 Resp: 265008
Ion Ratio Lower Upper
248 100
250 98.6 75.4 113.2
141 91.5 48.1 72.1#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 35.66 ng

RT: 10.79 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

Instrument :

BNA_F

ClientSampleId :

PB86620BS

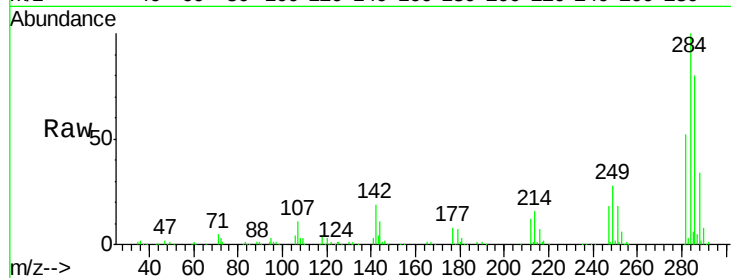
Tgt Ion:284 Resp: 308608

Ion Ratio Lower Upper

284 100

142 19.3 27.6 41.4#

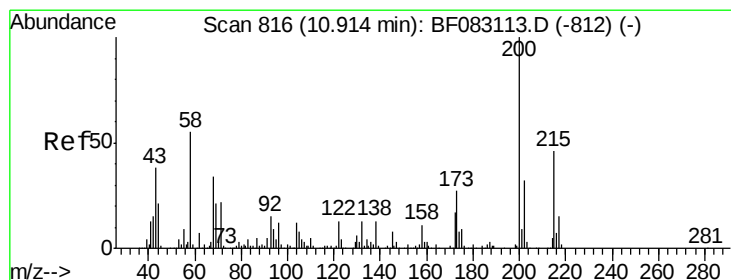
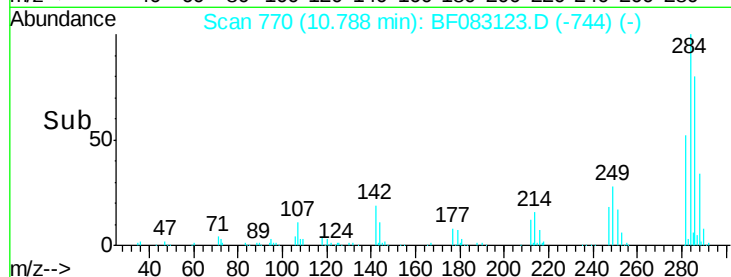
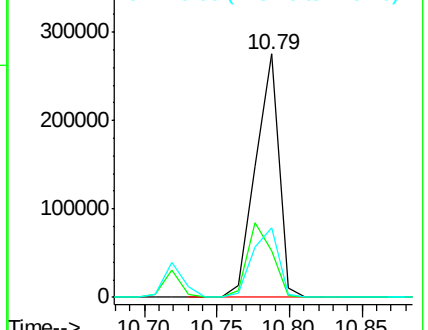
249 28.5 25.5 38.3



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: 41.66 ng

RT: 10.90 min Scan# 780

Delta R.T. -0.01 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

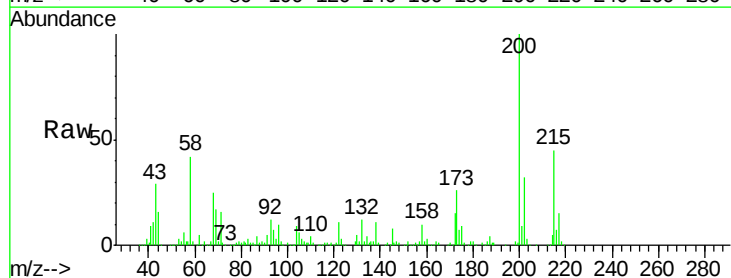
Tgt Ion:200 Resp: 291454

Ion Ratio Lower Upper

200 100

173 26.1 7.2 47.2

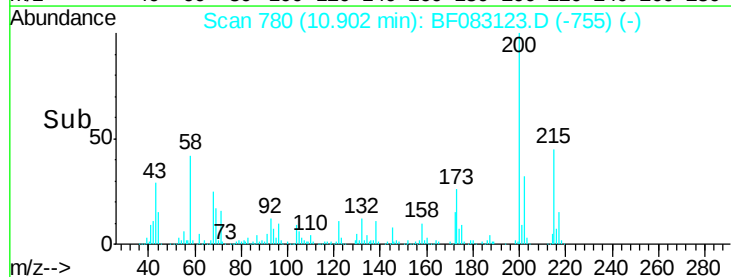
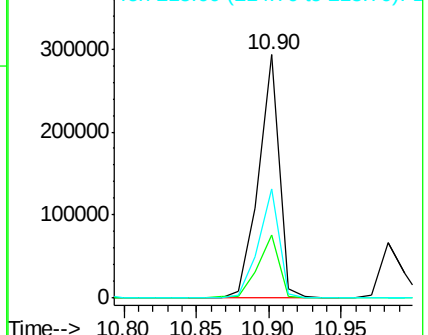
215 45.0 25.7 65.7

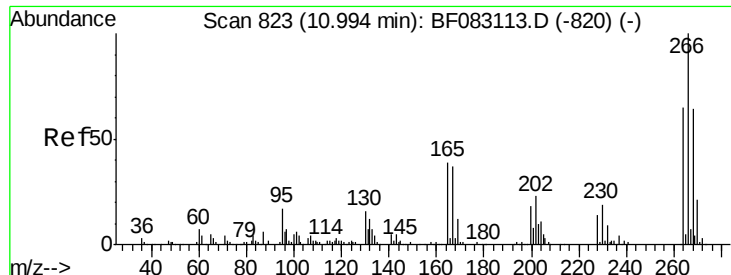


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

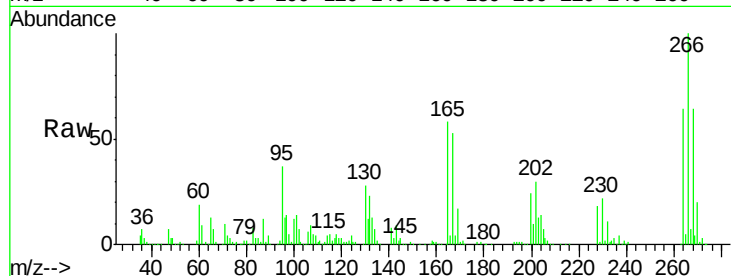




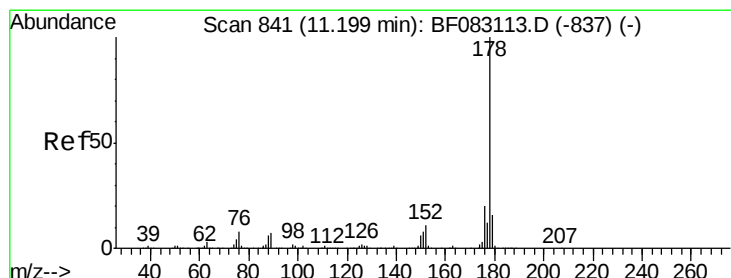
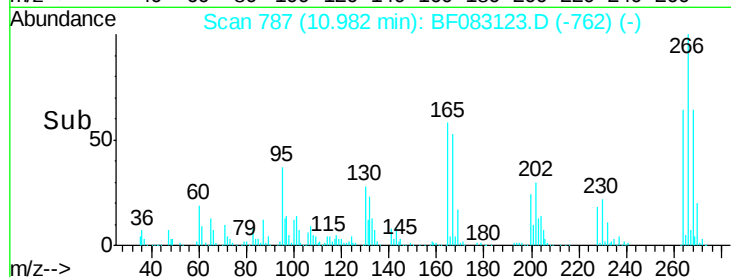
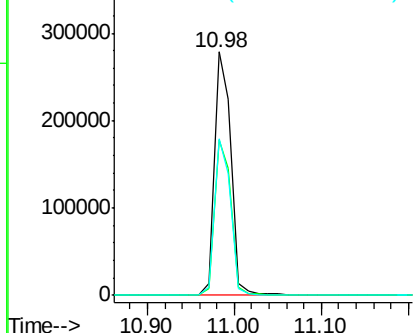
#69
 Pentachlorophenol
 Concen: 66.13 ng
 RT: 10.98 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF083123.D
 Acq: 21 Nov 2015 21:01

Instrument :
 BNA_F
 ClientSampleId :
 PB86620BS

Tgt Ion:266 Resp: 372787
 Ion Ratio Lower Upper
 266 100
 268 63.9 51.4 77.0
 264 64.4 51.7 77.5

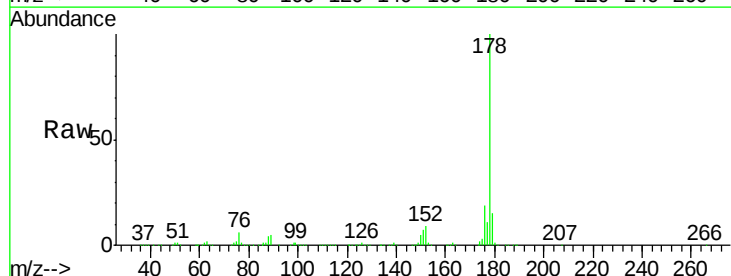


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

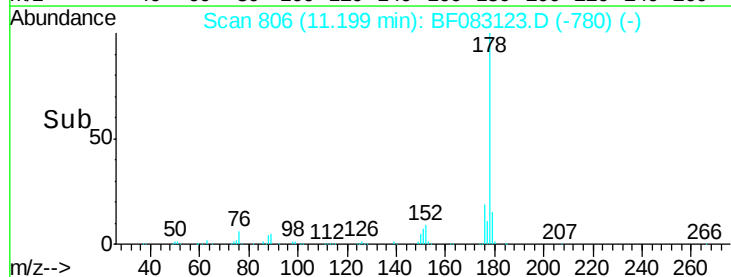
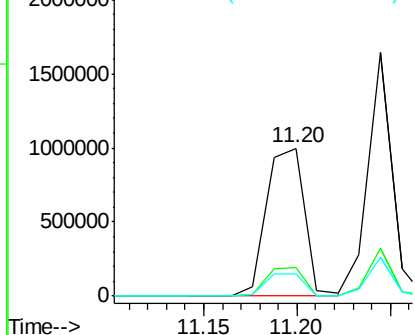


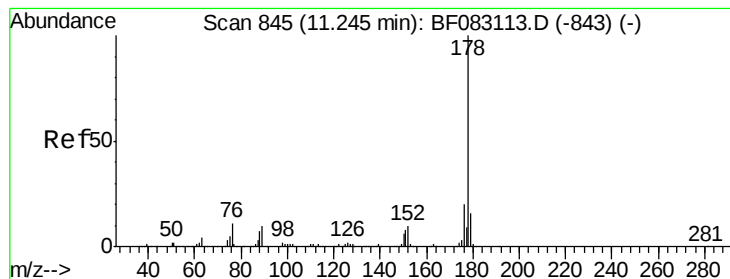
#70
 Phenanthrene
 Concen: 34.72 ng
 RT: 11.20 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF083123.D
 Acq: 21 Nov 2015 21:01

Tgt Ion:178 Resp: 1416732
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.2 24.2
 179 15.0 12.8 19.2



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





#71

Anthracene

Concen: 35.19 ng

RT: 11.24 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

Instrument :

BNA_F

ClientSampleId :

PB86620BS

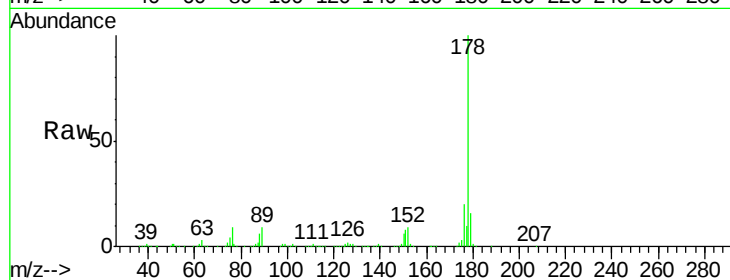
Tgt Ion:178 Resp: 1464934

Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

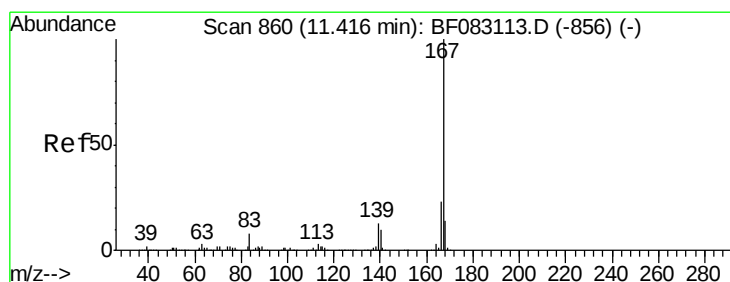
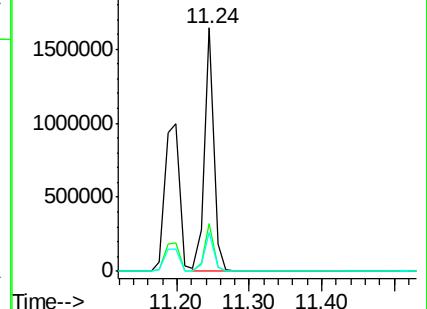
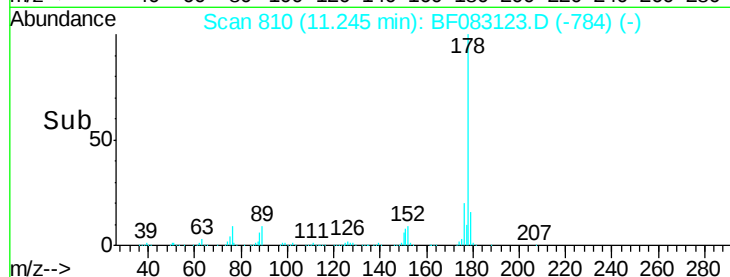
179 16.2 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 32.88 ng

RT: 11.40 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

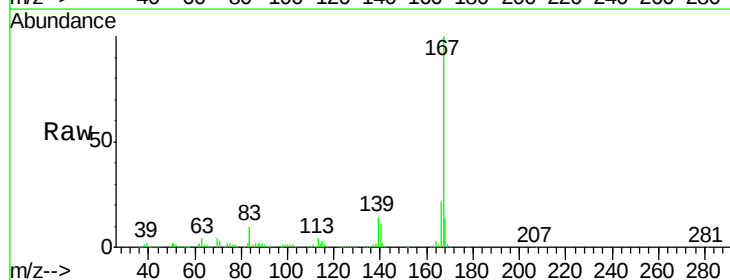
Tgt Ion:167 Resp: 1216573

Ion Ratio Lower Upper

167 100

166 22.5 18.0 27.0

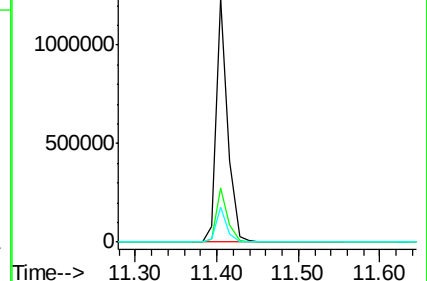
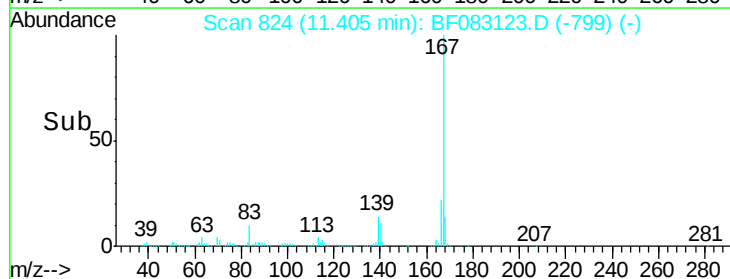
139 14.4 10.5 15.7

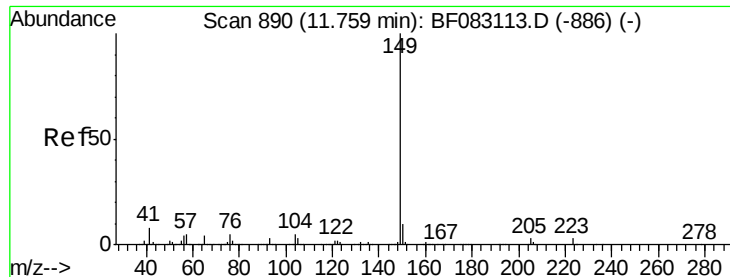


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 34.04 ng

RT: 11.75 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

Instrument :

BNA_F

ClientSampleId :

PB86620BS

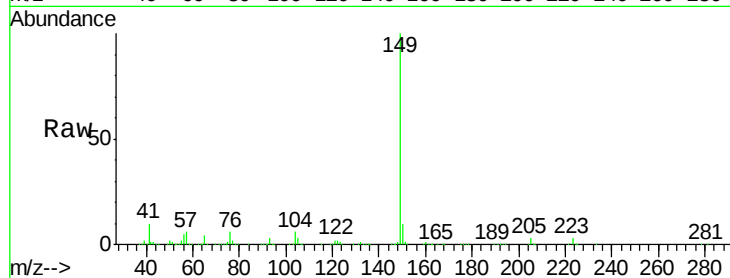
Tgt Ion:149 Resp: 1537432

Ion Ratio Lower Upper

149 100

150 10.1 8.0 12.0

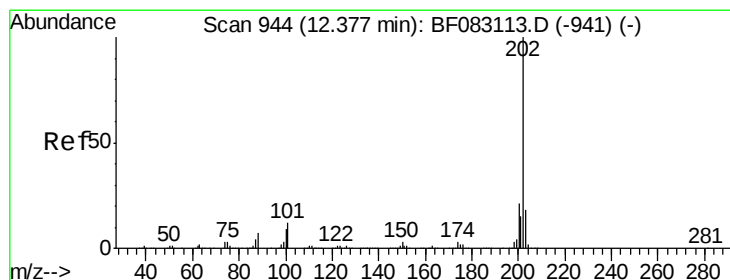
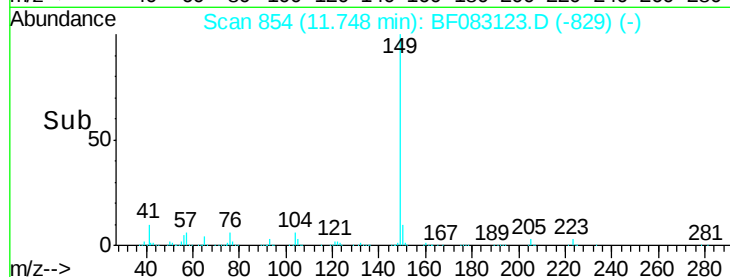
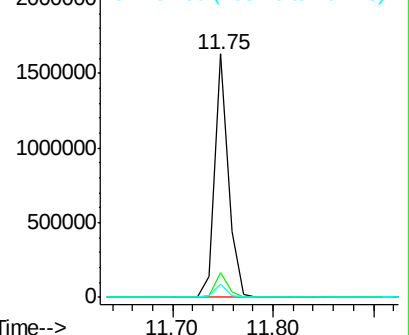
104 5.6 4.4 6.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.24 ng

RT: 12.38 min Scan# 909

Delta R.T. -0.00 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

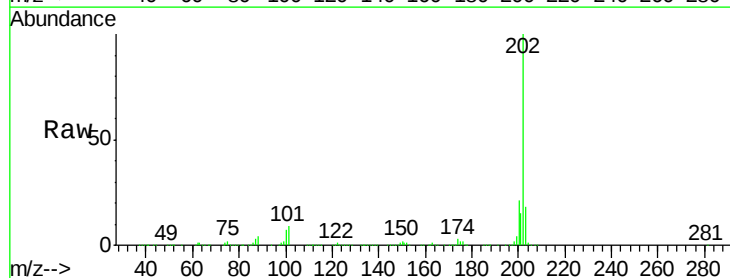
Tgt Ion:202 Resp: 1555174

Ion Ratio Lower Upper

202 100

101 8.9 0.0 32.3

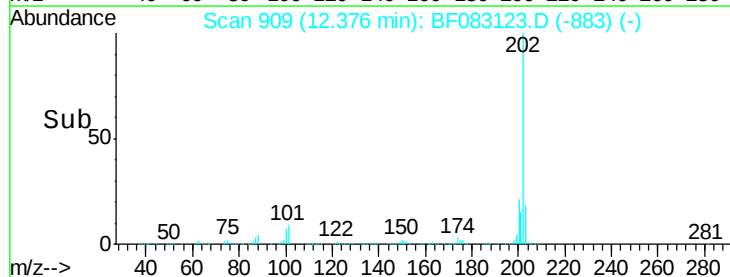
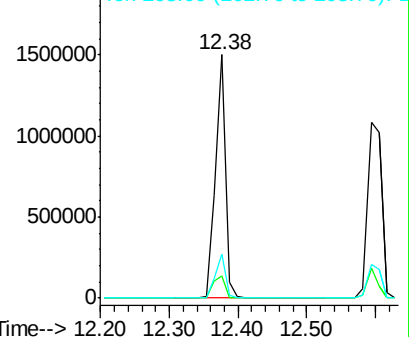
203 18.0 0.0 38.4

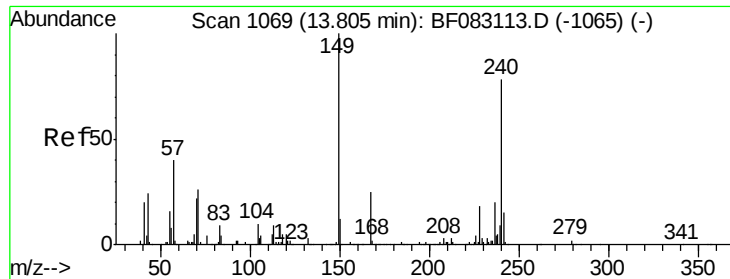


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.79 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

Instrument :

BNA_F

ClientSampleId :

PB86620BS

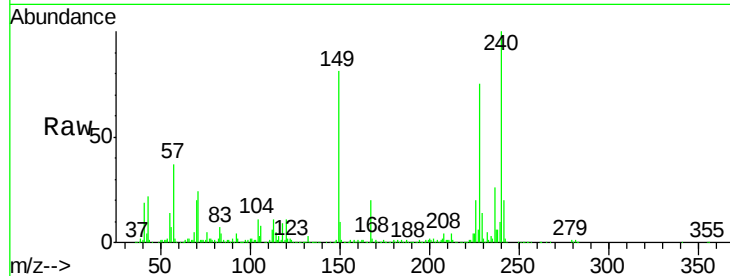
Tgt Ion:240 Resp: 631167

Ion Ratio Lower Upper

240 100

120 11.3 5.4 8.2#

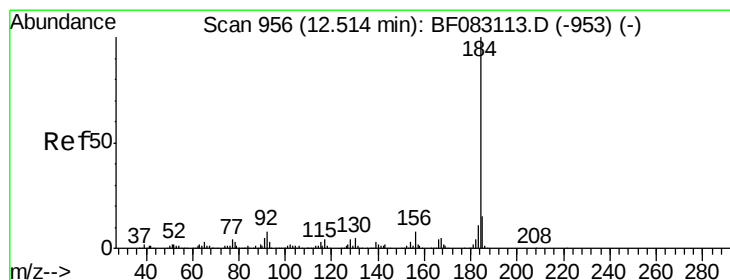
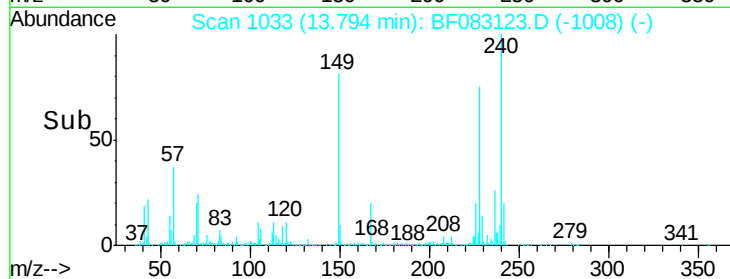
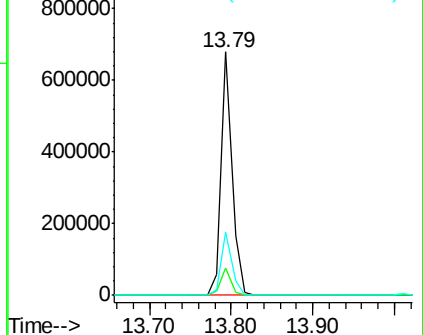
236 26.0 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 33.18 ng

RT: 12.51 min Scan# 921

Delta R.T. -0.00 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

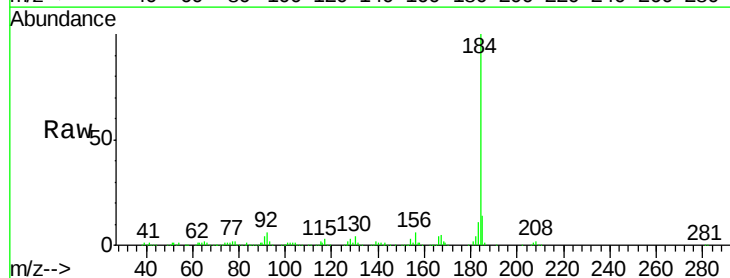
Tgt Ion:184 Resp: 548859

Ion Ratio Lower Upper

184 100

185 14.0 11.7 17.5

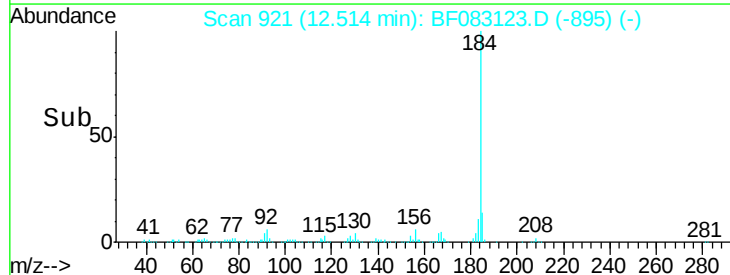
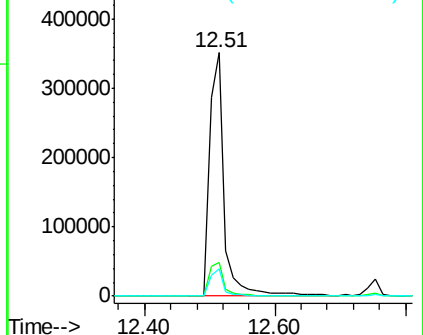
183 11.0 8.8 13.2

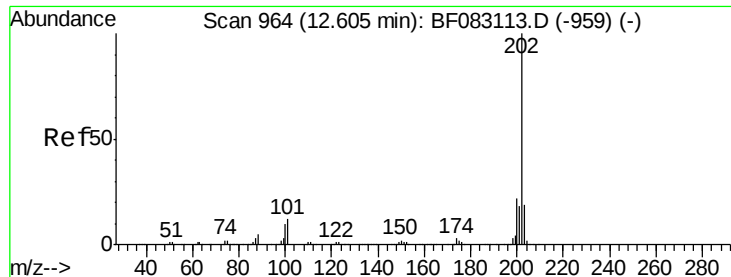


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 35.11 ng

RT: 12.59 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

Instrument :

BNA_F

ClientSampled :

PB86620BS

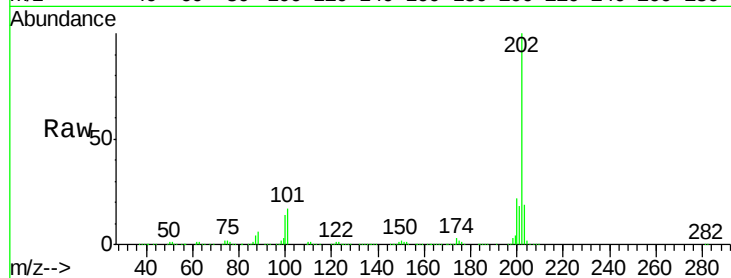
Tgt Ion:202 Resp: 1513989

Ion Ratio Lower Upper

202 100

200 21.7 17.8 26.6

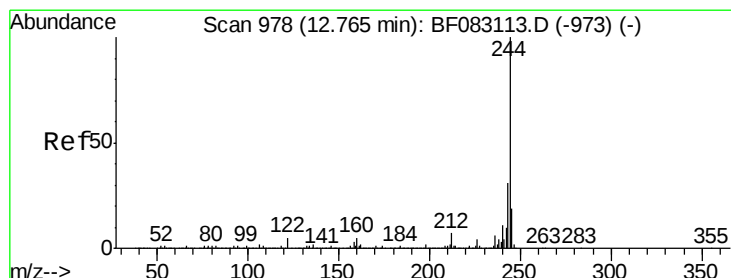
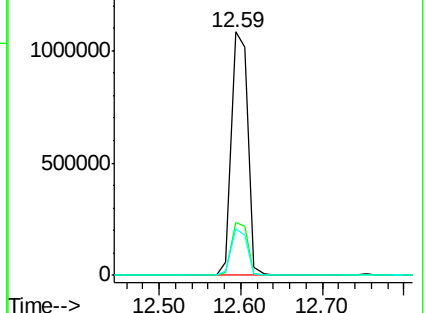
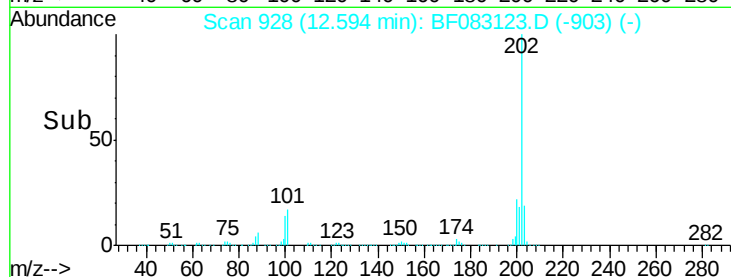
203 19.3 15.0 22.4



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: 33.22 ng

RT: 12.75 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

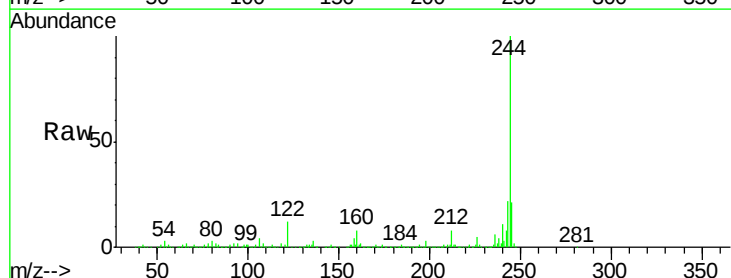
Tgt Ion:244 Resp: 1780926

Ion Ratio Lower Upper

244 100

212 7.9 5.4 8.2

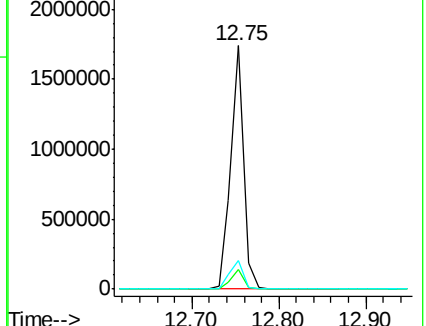
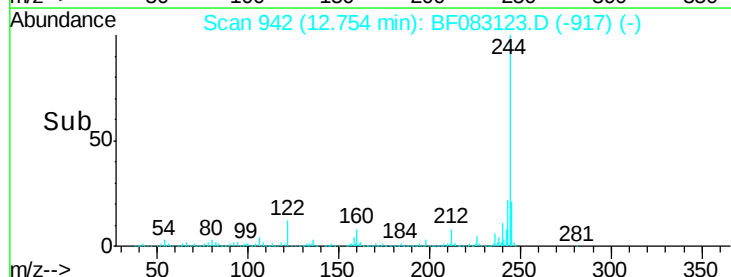
122 11.6 4.3 6.5#

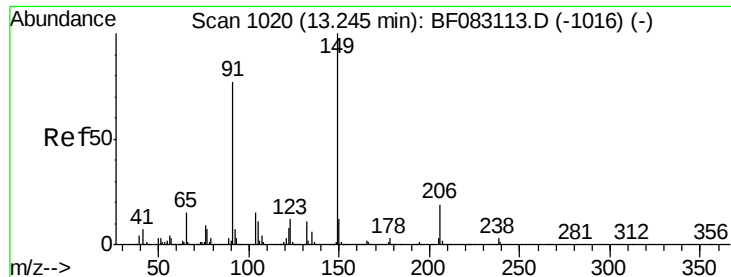


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

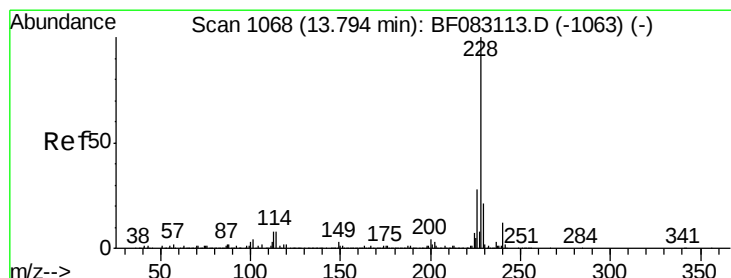
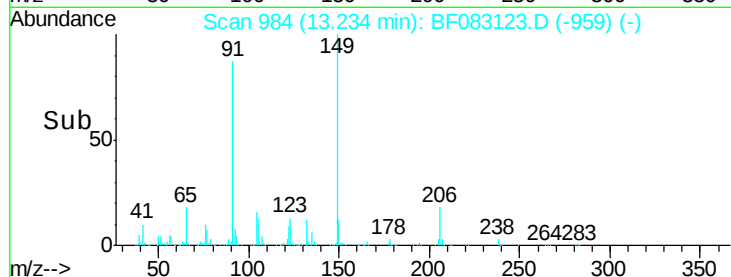
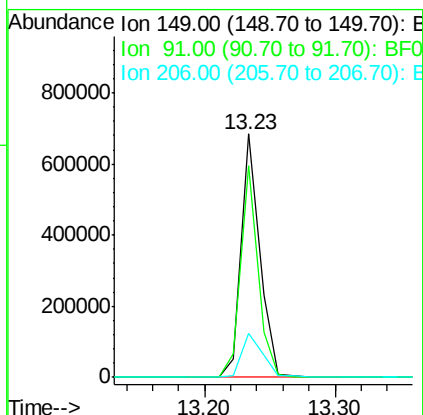
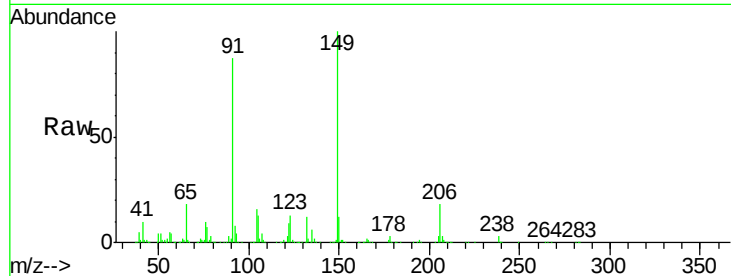




#79
Butylbenzylphthalate
Concen: 33.01 ng
RT: 13.23 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

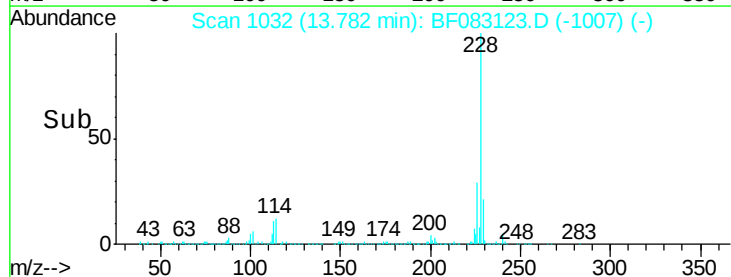
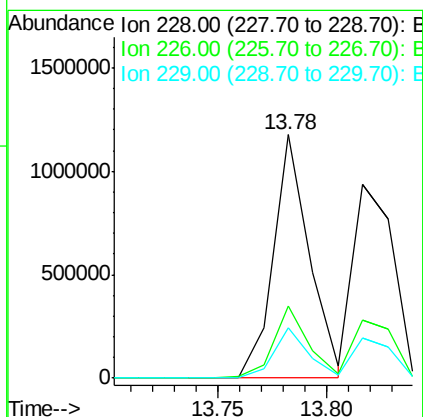
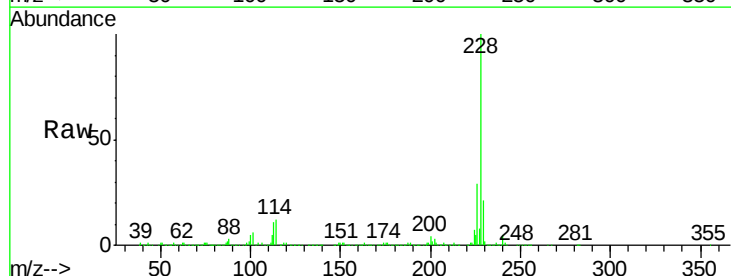
Instrument :
BNA_F
ClientSampleId :
PB86620BS

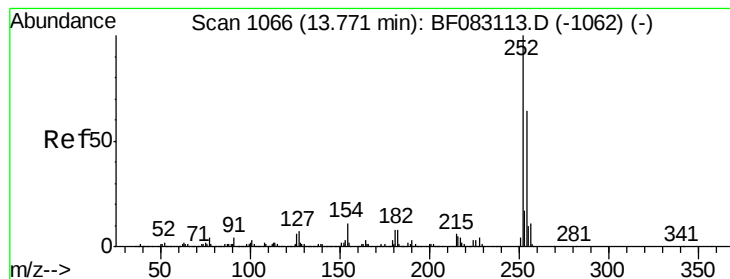
Tgt Ion:149 Resp: 673611
Ion Ratio Lower Upper
149 100
91 86.9 61.5 92.3
206 17.8 15.3 22.9



#80
Benzo(a)anthracene
Concen: 34.90 ng
RT: 13.78 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

Tgt Ion:228 Resp: 1362428
Ion Ratio Lower Upper
228 100
226 29.4 22.6 33.8
229 20.9 16.6 24.8

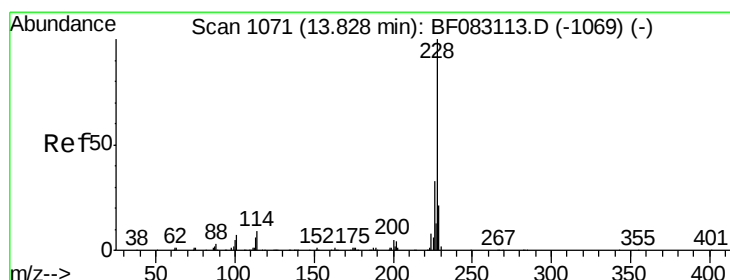
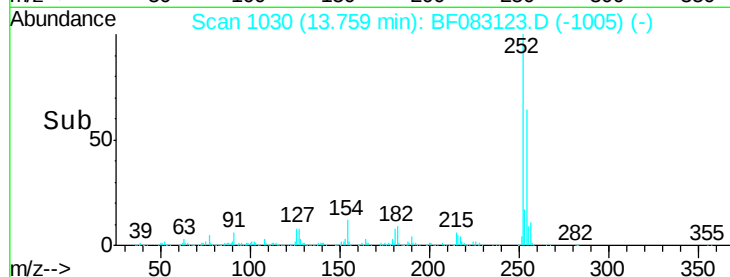
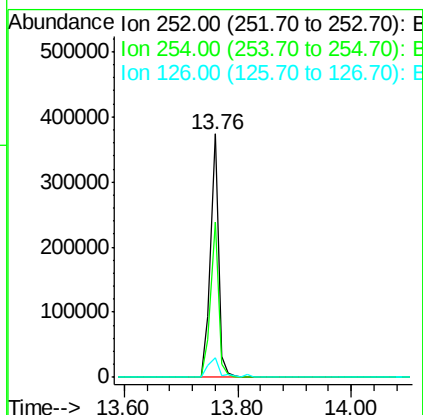
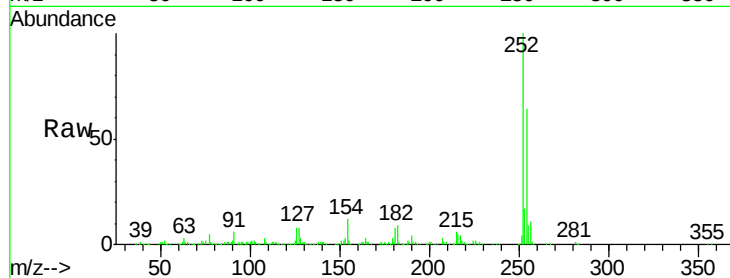




#81
 3,3'-Dichlorobenzidine
 Concen: 26.13 ng
 RT: 13.76 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BF083123.D
 Acq: 21 Nov 2015 21:01

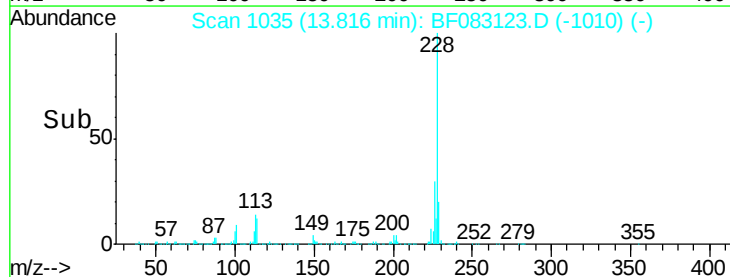
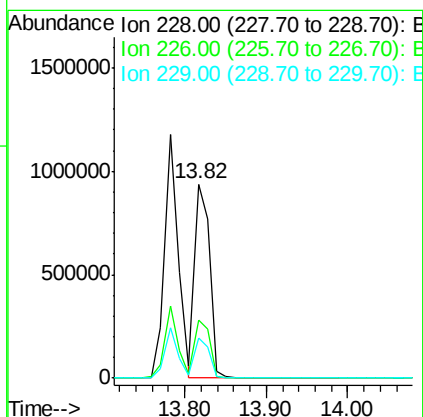
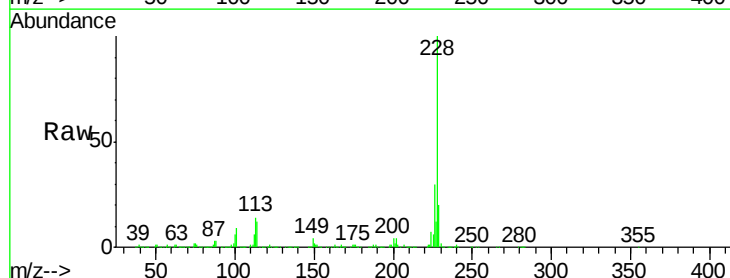
Instrument :
 BNA_F
 ClientSampleId :
 PB86620BS

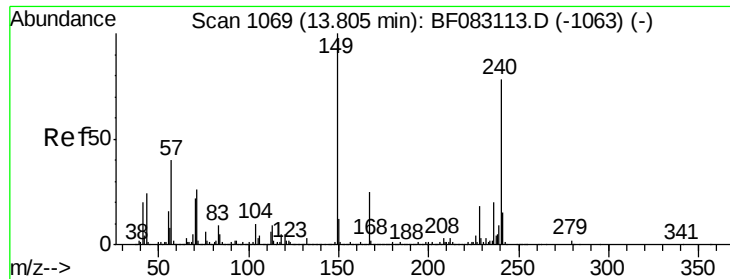
Tgt Ion:252 Resp: 355065
 Ion Ratio Lower Upper
 252 100
 254 63.5 51.5 77.3
 126 8.0 5.2 7.8#



#82
 Chrysene
 Concen: 33.37 ng
 RT: 13.82 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF083123.D
 Acq: 21 Nov 2015 21:01

Tgt Ion:228 Resp: 1208067
 Ion Ratio Lower Upper
 228 100
 226 30.0 25.5 38.3
 229 20.5 16.6 25.0

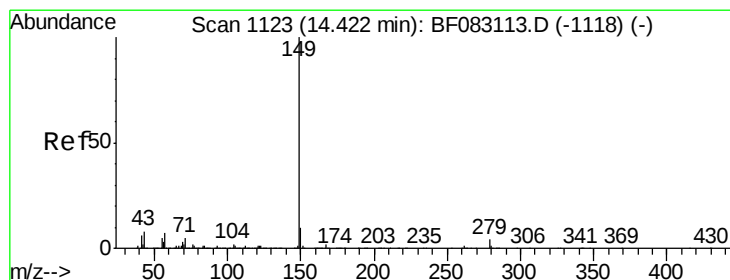
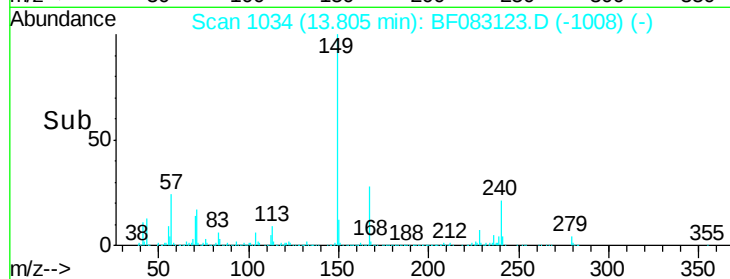
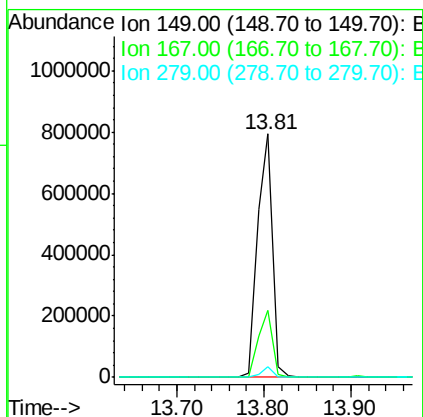
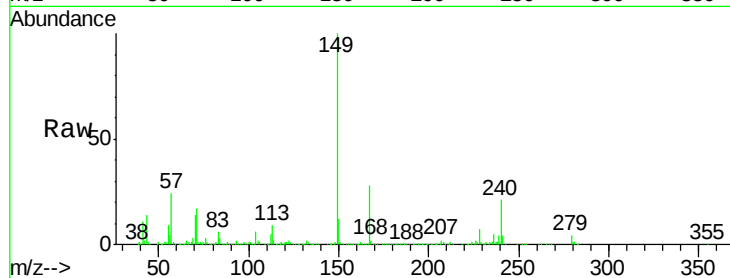




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.18 ng
 RT: 13.81 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BF083123.D
 Acq: 21 Nov 2015 21:01

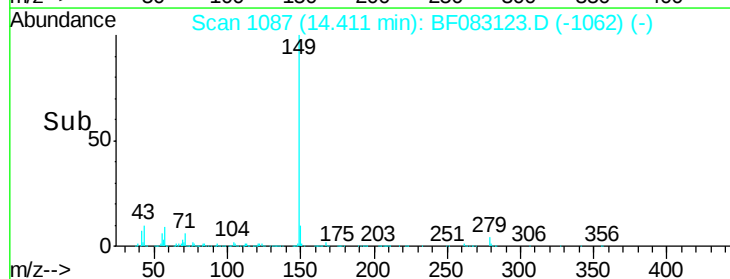
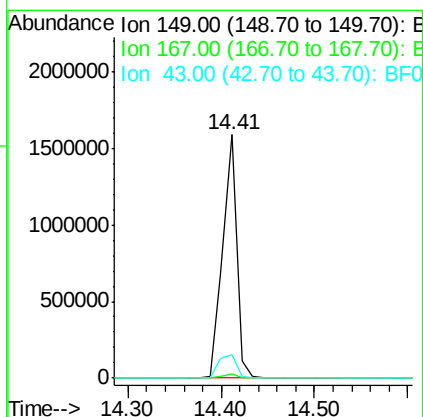
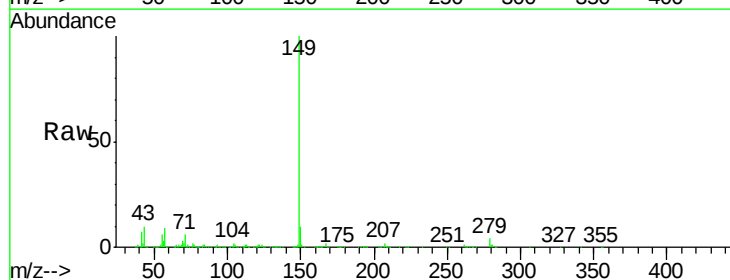
Instrument :
 BNA_F
 ClientSampleId :
 PB86620BS

Tgt Ion:149 Resp: 964441
 Ion Ratio Lower Upper
 149 100
 167 27.7 20.1 30.1
 279 4.1 1.7 2.5#



#84
 Di-n-octyl phthalate
 Concen: 35.93 ng
 RT: 14.41 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BF083123.D
 Acq: 21 Nov 2015 21:01

Tgt Ion:149 Resp: 1648741
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 12.3 9.5 14.3

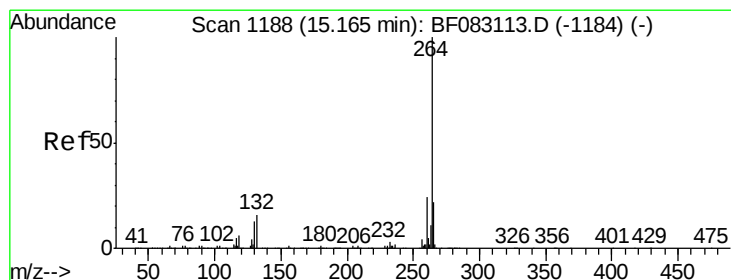
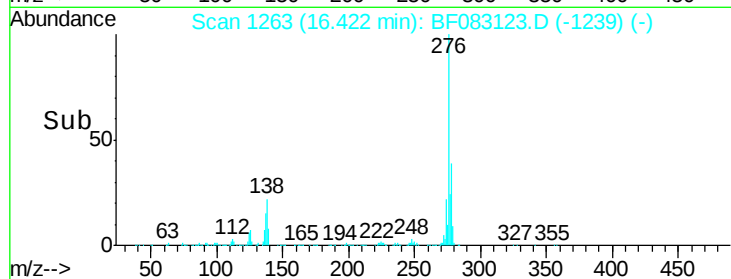
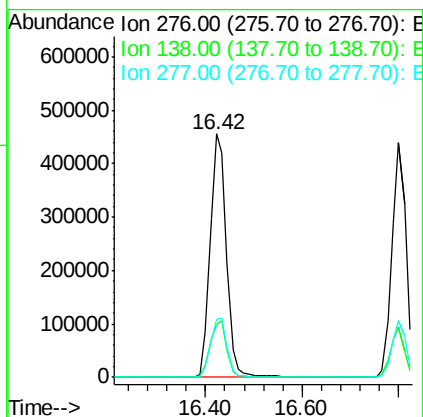
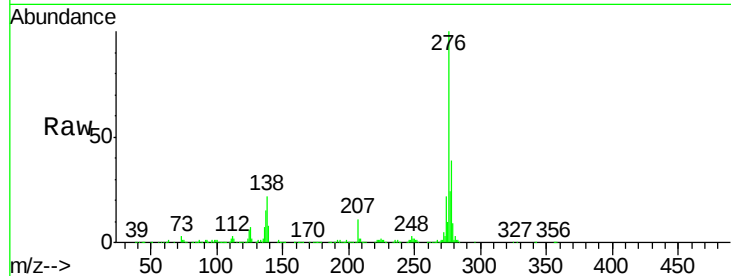




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.07 ng
 RT: 16.42 min Scan# 1263
 Delta R.T. -0.02 min
 Lab File: BF083123.D
 Acq: 21 Nov 2015 21:01

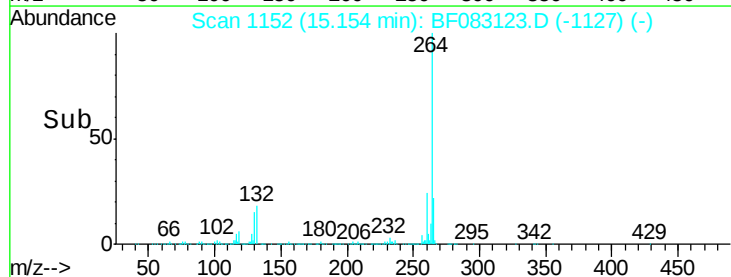
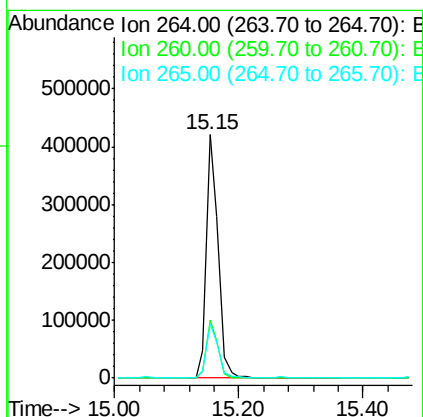
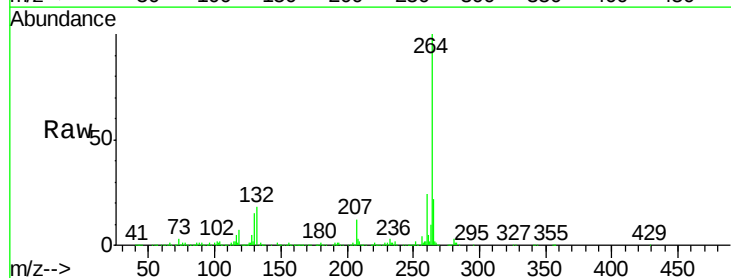
Instrument :
 BNA_F
 ClientSampleId :
 PB86620BS

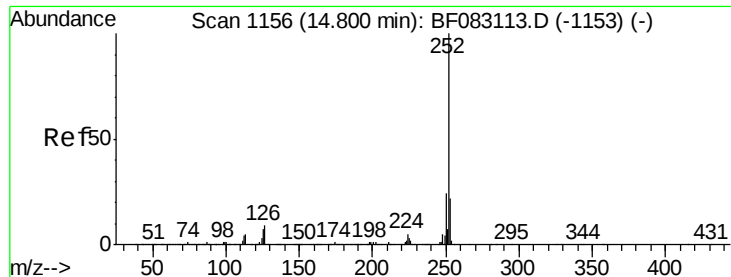
Tgt Ion: 276 Resp: 1088883
 Ion Ratio Lower Upper
 276 100
 138 23.7 18.0 27.0
 277 25.0 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF083123.D
 Acq: 21 Nov 2015 21:01

Tgt Ion: 264 Resp: 552275
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.1 28.7
 265 22.4 18.2 27.4

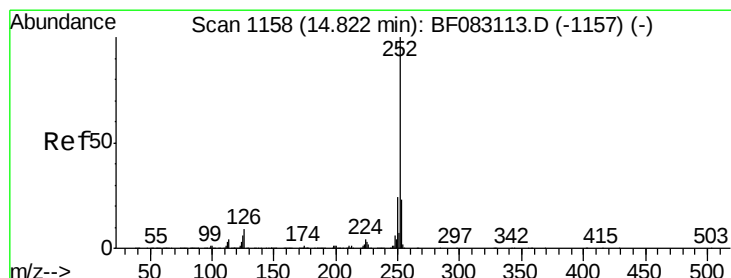
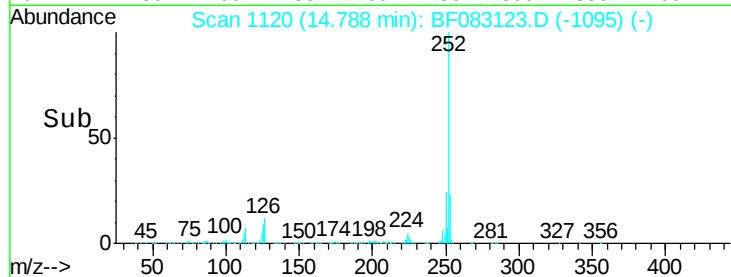
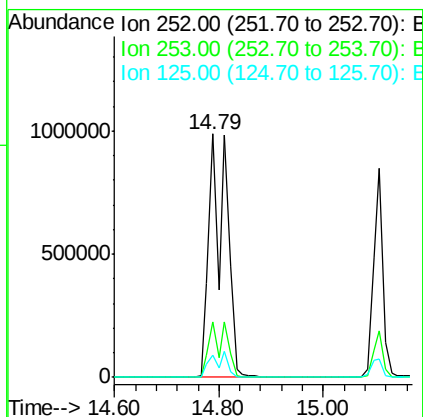
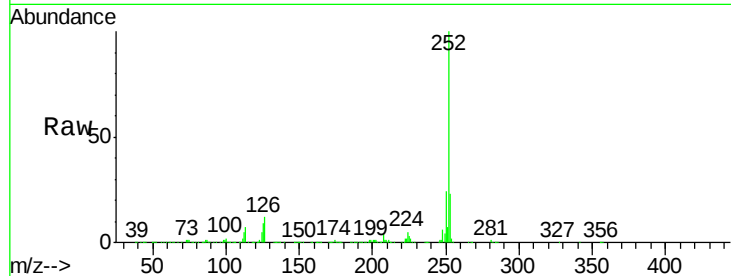




#87
Benzo(b)fluoranthene
Concen: 59.05 ng
RT: 14.79 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

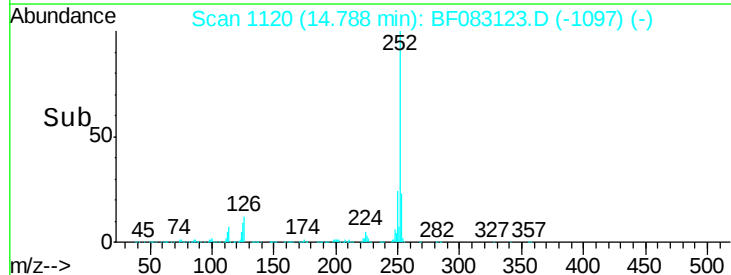
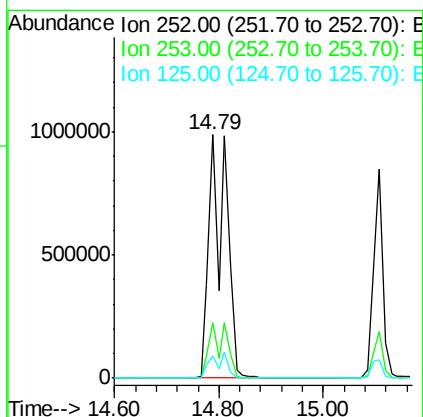
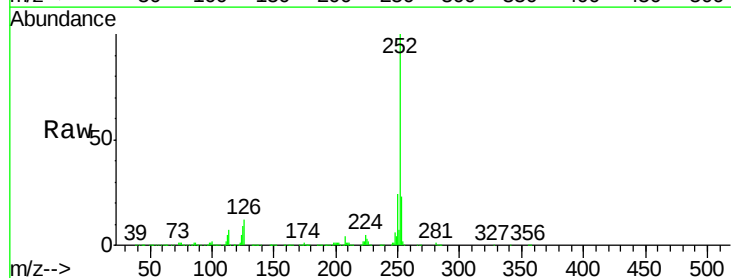
Instrument :
BNA_F
ClientSampleId :
PB86620BS

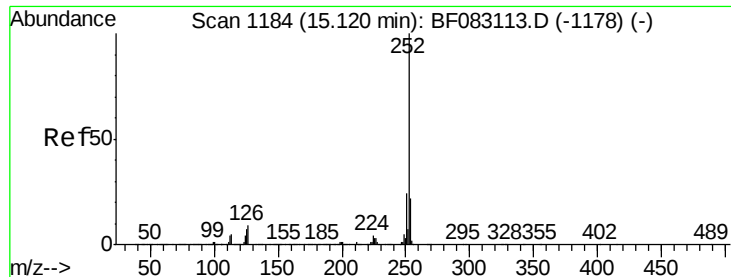
Tgt Ion:252 Resp: 2228470
Ion Ratio Lower Upper
252 100
253 22.7 17.7 26.5
125 9.1 5.6 8.4#



#88
Benzo(k)fluoranthene
Concen: 79.26 ng
RT: 14.79 min Scan# 1120
Delta R.T. -0.03 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

Tgt Ion:252 Resp: 2228470
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 9.1 6.8 10.2

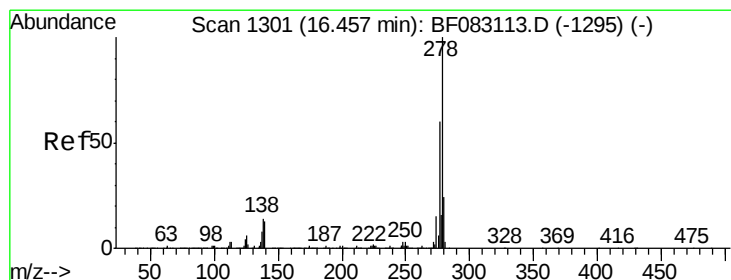
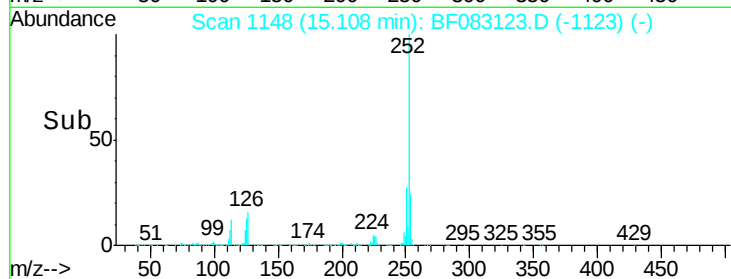
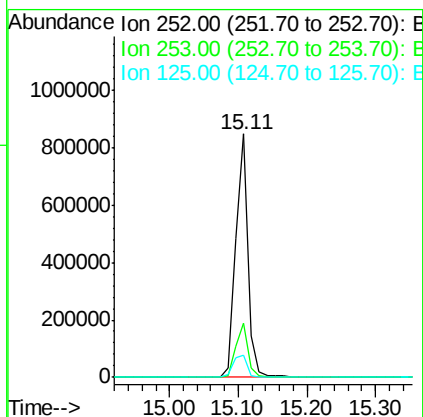
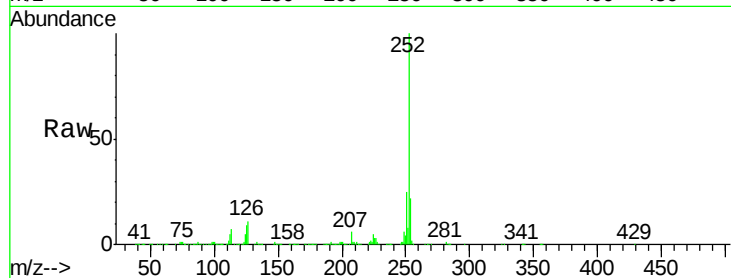




#89
Benzo(a)pyrene
Concen: 34.17 ng
RT: 15.11 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

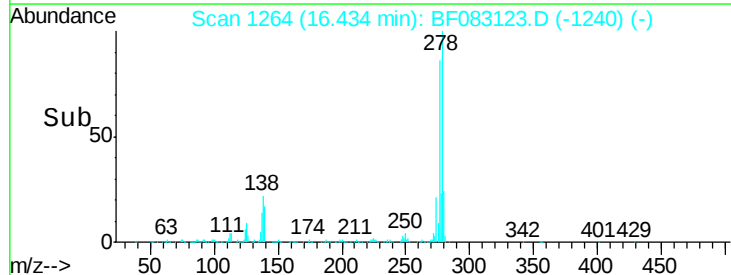
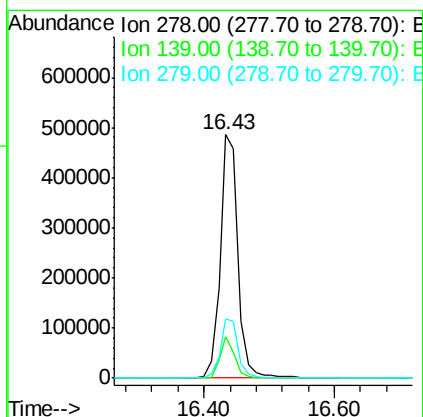
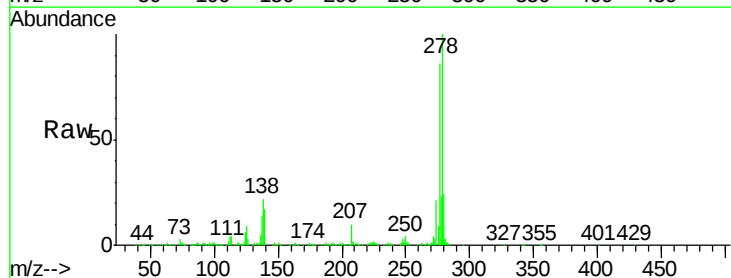
Instrument :
BNA_F
ClientSampleId :
PB86620BS

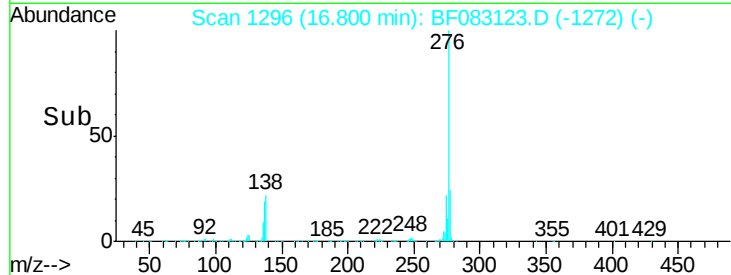
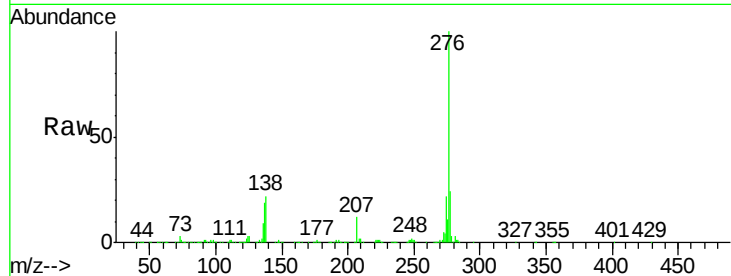
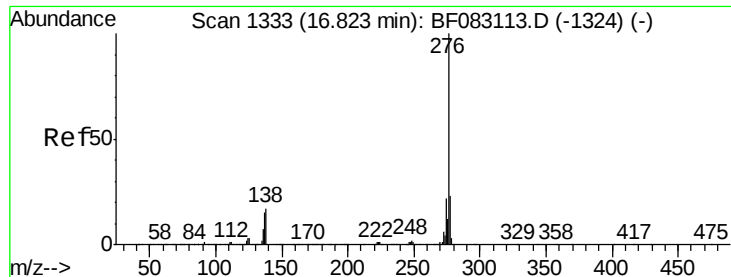
Tgt Ion:252 Resp: 1064644
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 8.9 5.4 8.0#



#90
Dibenzo(a,h)anthracene
Concen: 32.53 ng
RT: 16.43 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BF083123.D
Acq: 21 Nov 2015 21:01

Tgt Ion:278 Resp: 920495
Ion Ratio Lower Upper
278 100
139 16.8 10.7 16.1#
279 24.2 19.3 28.9





#91

Benzo(g,h,i)perylene

Concen: 33.14 ng

RT: 16.80 min Scan# 1296

Delta R.T. -0.02 min

Lab File: BF083123.D

Acq: 21 Nov 2015 21:01

Instrument :

BNA_F

ClientSampleId :

PB86620BS

Tgt Ion: 276 Resp: 915667

Ion Ratio Lower Upper

276 100

277 24.2 18.7 28.1

138 21.7 13.9 20.9#

