

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112115\
 Data File : BF083149.D
 Acq On : 22 Nov 2015 10:24
 Operator : UM/IZ
 Sample : G4510-09MSD
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 23 03:00:39 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	205498	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	794943	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	403619	20.00	ng	-0.01
63) Phenanthrene-d10	11.17	188	707143	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	548541	20.00	ng	-0.01
86) Perylene-d12	15.15	264	478918	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1186543	87.29	ng	-0.01
7) Phenol-d6	6.32	99	989210	56.25	ng	-0.02
23) Nitrobenzene-d5	7.23	82	1681991	96.68	ng	0.00
41) 2,4,6-Tribromophenol	10.48	330	498699	120.77	ng	-0.01
44) 2-Fluorobiphenyl	9.03	172	2576255	89.01	ng	0.00
78) Terphenyl-d14	12.75	244	2184314	93.77	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.18	88	108056	16.05	ng	97
4) n-Nitrosodimethylamine	2.79	42	130206	15.87	ng	# 99
6) Aniline	6.40	93	777775	36.19	ng	# 51
8) 2-Chlorophenol	6.44	128	658411	44.83	ng	97
9) Benzaldehyde	6.19	77	568889	Below	Cal	95
10) Phenol	6.33	94	396155	18.62	ng	# 77
11) bis(2-Chloroethyl)ether	6.40	93	777775	51.20	ng	99
12) 1,3-Dichlorobenzene	6.82	146	611747	36.48	ng	98
13) 1,4-Dichlorobenzene	6.67	146	694643	40.95	ng	93
14) 1,2-Dichlorobenzene	6.82	146	623072	40.42	ng	96
15) Benzyl Alcohol	6.82	79	392415	26.70	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1151872	48.62	ng	86
17) 2-Methylphenol	6.95	107	791588	65.14	ng	# 69
18) Hexachloroethane	7.16	117	252535	42.27	ng	# 87
19) n-Nitroso-di-n-propylamine	7.10	70	609315	49.78	ng	# 93
20) 3+4-Methylphenols	7.10	107	581712	37.87	ng	93
22) Acetophenone	7.07	105	1044654	45.77	ng	# 98
24) Nitrobenzene	7.24	77	798077	42.93	ng	99
25) Isophorone	7.50	82	1585568	48.14	ng	99
26) 2-Nitrophenol	7.56	139	384054	46.80	ng	94
27) 2,4-Dimethylphenol	7.62	122	606736	46.33	ng	97
28) bis(2-Chloroethoxy)methane	7.71	93	945126	49.35	ng	98
29) 2,4-Dichlorophenol	7.82	162	612365	49.16	ng	99
30) 1,2,4-Trichlorobenzene	7.88	180	593707	43.39	ng	95
31) Naphthalene	7.96	128	1976586	46.07	ng	98
32) Benzoic acid	7.75	122	143724	14.12	ng	97
33) 4-Chloroaniline	8.03	127	64941	3.90	ng	96
34) Hexachlorobutadiene	8.09	225	345526	42.73	ng	99
35) Caprolactam	8.44	113	24575	6.16	ng	94
36) 4-Chloro-3-methylphenol	8.51	107	621771	43.09	ng	# 86
37) 2-Methylnaphthalene	8.65	142	1282519	46.06	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	578759	44.24	ng	98
40) Hexachlorocyclopentadiene	8.81	237	433170	58.23	ng	98
42) 2,4,6-Trichlorophenol	8.94	196	418551	44.67	ng	99

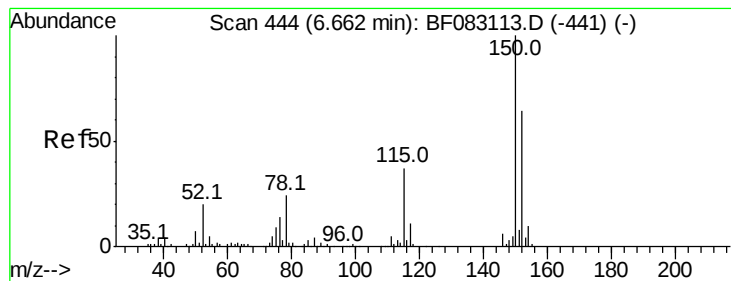
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112115\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.98	196	452255	47.21	nq	# 87
45) 1,1'-Biphenyl	9.12	154	1441328	41.96	nq	96
46) 2-Chloronaphthalene	9.14	162	1253890	46.47	nq	96
47) 2-Nitroaniline	9.24	65	435630	45.64	nq	97
48) Acenaphthylene	9.55	152	1751400	41.88	nq	98
49) Dimethylphthalate	9.44	163	1527790	49.17	nq	100
50) 2,6-Dinitrotoluene	9.50	165	337011	48.33	nq	# 55
51) Acenaphthene	9.72	154	1133198	44.53	nq	100
52) 3-Nitroaniline	9.66	138	50164	6.75	nq	# 58
53) 2,4-Dinitrophenol	9.76	184	353400	87.98	nq	# 84
54) Dibenzofuran	9.90	168	1585098	44.05	nq	95
55) 4-Nitrophenol	9.85	139	210630	36.95	nq	# 75
56) 2,4-Dinitrotoluene	9.88	165	413057	46.76	nq	98
57) Fluorene	10.24	166	1358245	45.68	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	376385	47.90	nq	99
59) Diethylphthalate	10.14	149	1476163	47.72	nq	99
60) 4-Chlorophenyl-phenylether	10.24	204	616335	45.25	nq	# 80
61) 4-Nitroaniline	10.27	138	125542	17.15	nq	95
62) Azobenzene	10.39	77	1605270	45.47	nq	97
64) 4,6-Dinitro-2-methylphenol	10.30	198	247459	50.79	nq	89
65) n-Nitrosodiphenylamine	10.35	169	896269	37.27	nq	99
66) 4-Bromophenyl-phenylether	10.72	248	385858	49.17	nq	# 89
67) Hexachlorobenzene	10.79	284	418515	48.43	nq	# 80
68) Atrazine	10.90	200	367558	52.63	nq	94
69) Pentachlorophenol	10.98	266	513150	91.17	nq	98
70) Phenanthrene	11.19	178	1860192	45.66	nq	99
71) Anthracene	11.25	178	2049107	49.30	nq	99
72) Carbazole	11.41	167	1742734	47.17	nq	98
73) Di-n-butylphthalate	11.75	149	2280401	50.57	nq	99
74) Fluoranthene	12.38	202	2005465	48.10	nq	94
77) Pyrene	12.59	202	1878153	50.12	nq	99
79) Butylbenzylphthalate	13.23	149	999638	56.36	nq	97
80) Benzo(a)anthracene	13.78	228	1802843	53.14	nq	100
82) Chrysene	13.82	228	1346365	42.79	nq	99
83) Bis(2-ethylhexyl)phthalate	13.79	149	1265346	54.62	nq	98
84) Di-n-octyl phthalate	14.40	149	2112719	52.98	nq	97
85) Indeno(1,2,3-cd)pyrene	16.42	276	1456651	50.90	nq	97
87) Benzo(b)fluoranthene	14.81	252	2796549	85.46	nq	# 96
88) Benzo(k)fluoranthene	14.81	252	2796549	114.70	nq	98
89) Benzo(a)pyrene	15.10	252	1292884	47.86	nq	# 94
90) Dibenzo(a,h)anthracene	16.43	278	1234297	50.29	nq	# 96
91) Benzo(g,h,i)perylene	16.80	276	1211638	50.57	nq	# 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

Lab File: BF083149.D

Acq: 22 Nov 2015 10:24

Instrument :

BNA_F

ClientSampled :

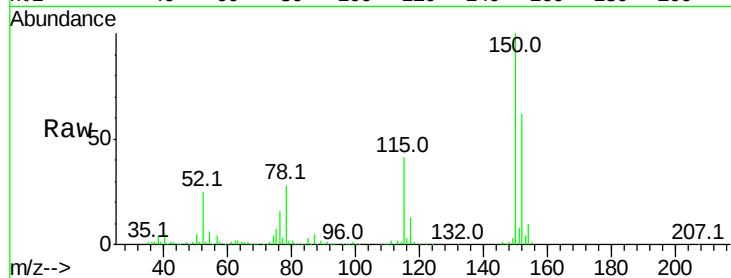
Tot Ion:152 Resp: 205498

Ion Ratio Lower Upper

152 100

150 160.3 125.8 188.8

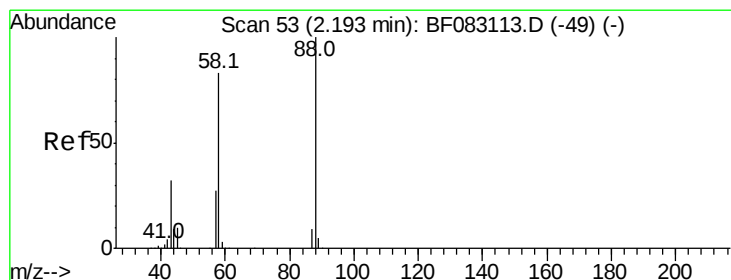
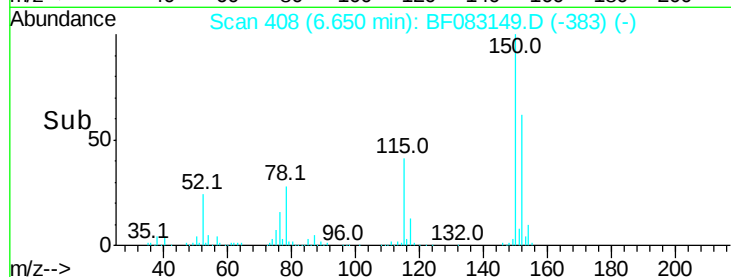
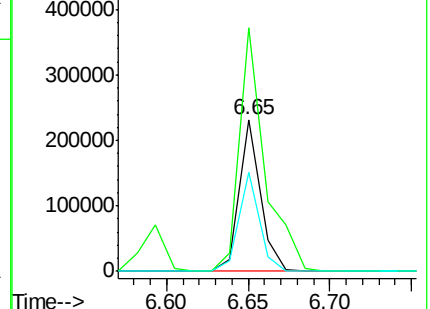
115 65.5 46.9 70.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 16.05 ng

RT: 2.18 min Scan# 17

Delta R.T. -0.01 min

Lab File: BF083149.D

Acq: 22 Nov 2015 10:24

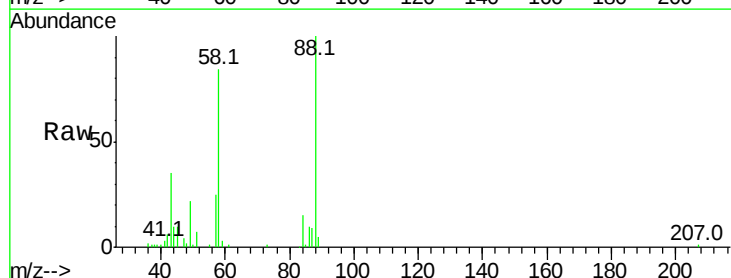
Tgt Ion: 88 Resp: 108056

Ion Ratio Lower Upper

88 100

58 82.7 65.0 97.6

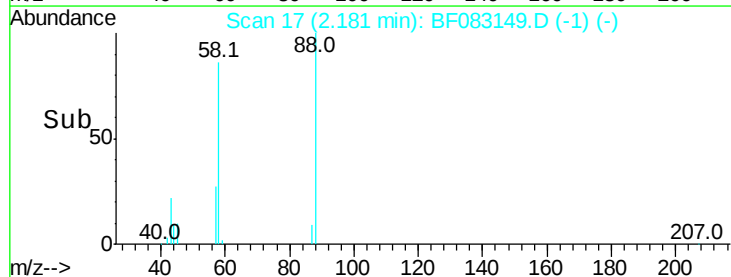
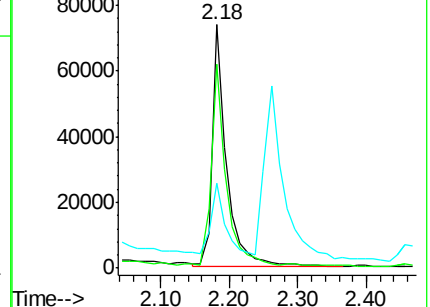
43 27.7 24.7 37.1

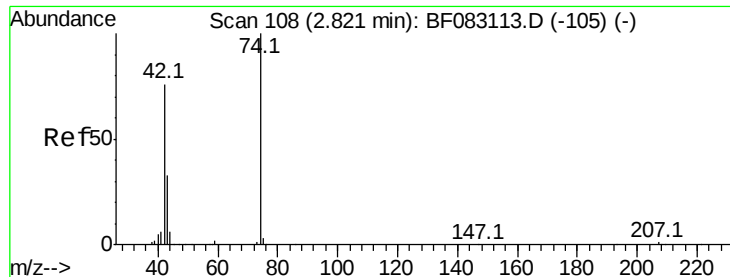


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#4

n-Nitrosodimethylamine

Concen: 15.87 ng

RT: 2.79 min Scan# 70

Delta R.T. -0.03 min

Lab File: BF083149.D

Acq: 22 Nov 2015 10:24

Instrument :

BNA_F

ClientSampleId :

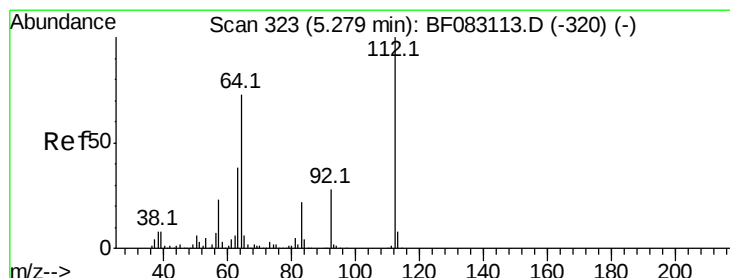
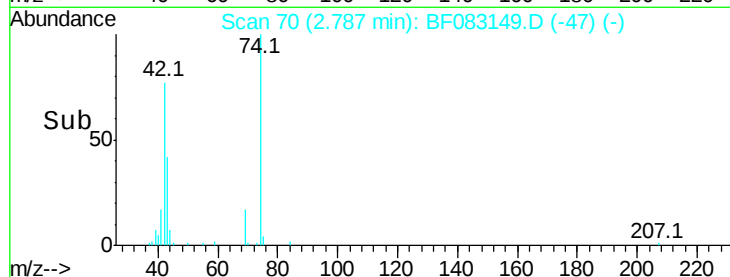
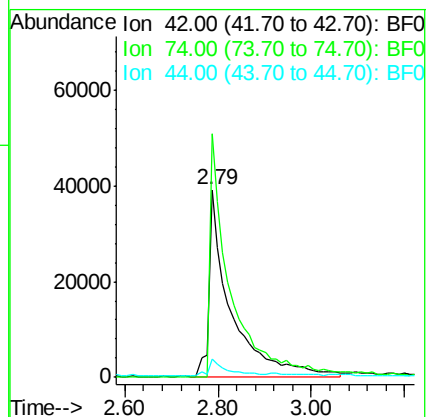
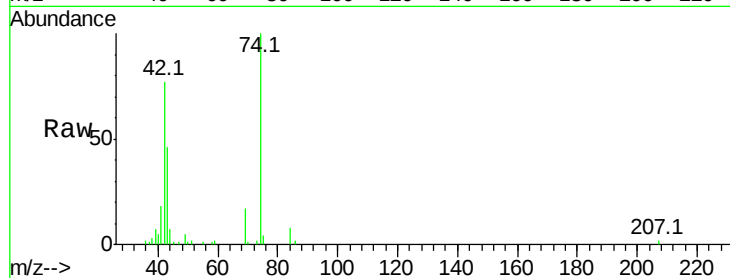
Tot Ion: 42 Resp: 130206

Ion Ratio Lower Upper

42 100

74 129.9 104.8 157.2

44 9.7 6.2 9.4#



#5

2-Fluorophenol

Concen: 87.29 ng

RT: 5.27 min Scan# 287

Delta R.T. -0.01 min

Lab File: BF083149.D

Acq: 22 Nov 2015 10:24

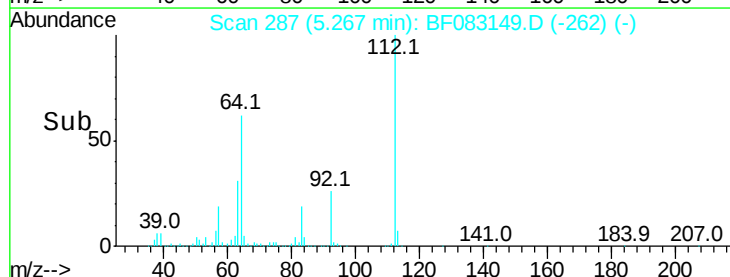
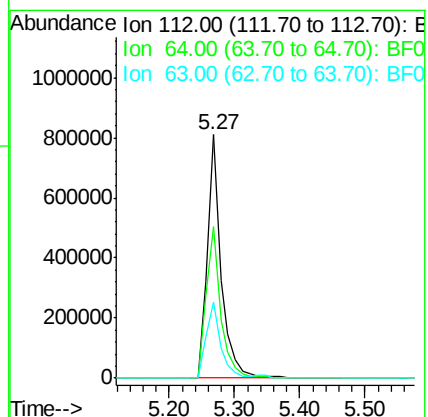
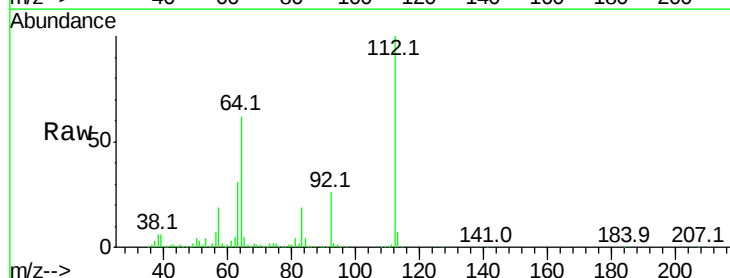
Tgt Ion: 112 Resp: 1186543

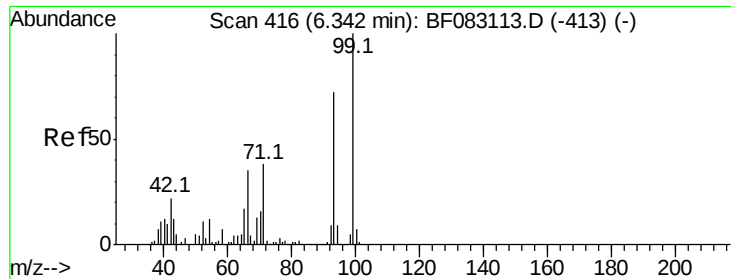
Ion Ratio Lower Upper

112 100

64 62.2 58.4 87.6

63 31.0 30.0 45.0





#6

Aniline

Concen: 36.19 ng

RT: 6.40 min Scan# 386

Delta R.T. 0.06 min

Lab File: BF083149.D

Acq: 22 Nov 2015 10:24

Instrument :

BNA_F

ClientSampleId :

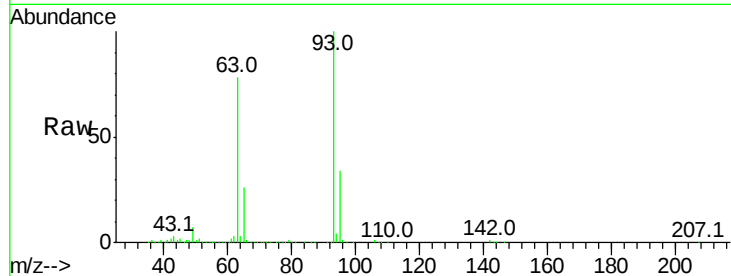
Tot Ion: 93 Resp: 777775

Ion Ratio Lower Upper

93 100

66 0.8 38.7 58.1#

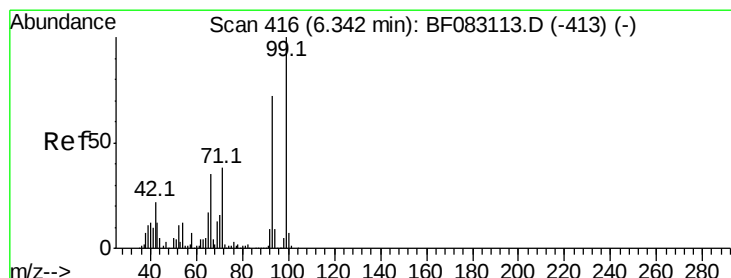
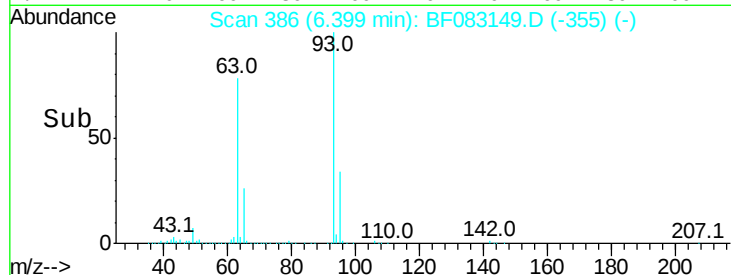
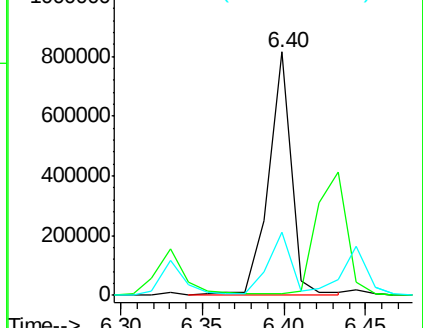
65 26.1 18.6 27.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 56.25 ng

RT: 6.32 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF083149.D

Acq: 22 Nov 2015 10:24

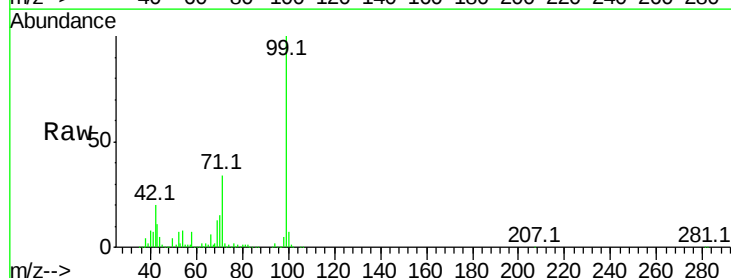
Tgt Ion: 99 Resp: 989210

Ion Ratio Lower Upper

99 100

42 20.1 17.7 26.5

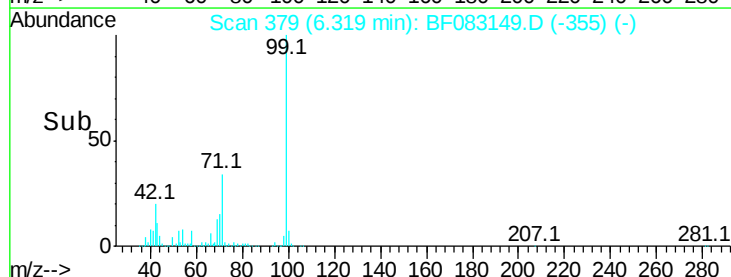
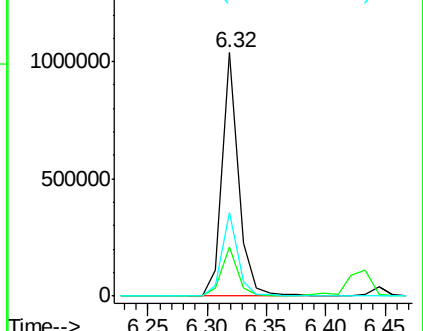
71 34.4 30.2 45.4

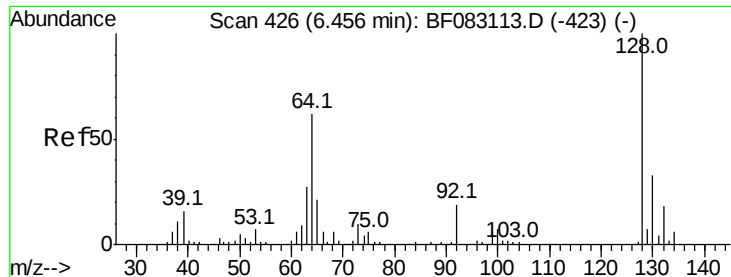


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 44.83 ng

RT: 6.44 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF083149.D

Acq: 22 Nov 2015 10:24

Instrument :

BNA_F

ClientSampled :

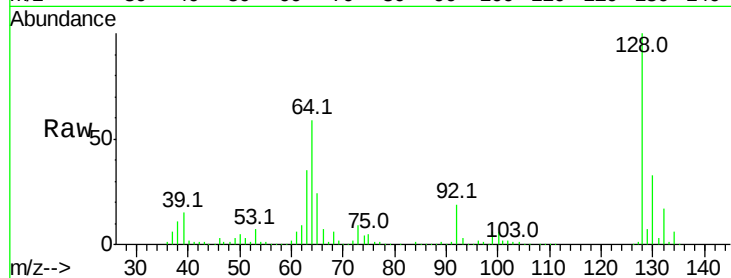
Tot Ion:128 Resp: 658411

Ion Ratio Lower Upper

128 100

130 32.8 12.6 52.6

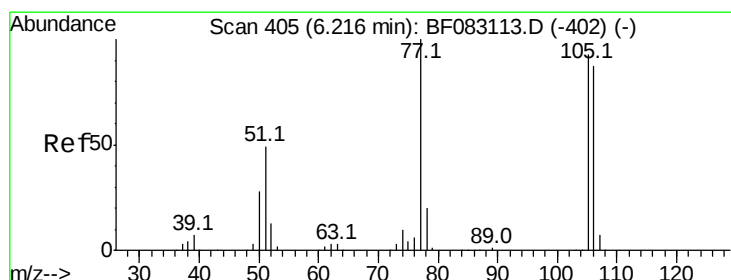
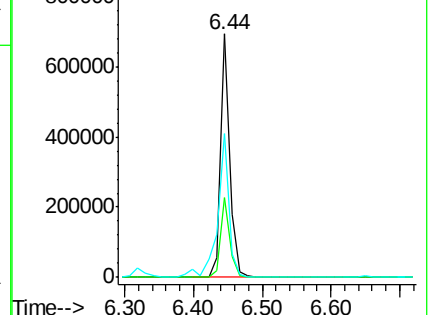
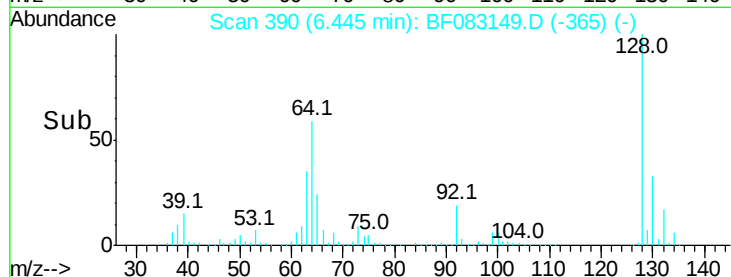
64 59.0 41.9 81.9



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: Below Cal

RT: 6.19 min Scan# 368

Delta R.T. -0.02 min

Lab File: BF083149.D

Acq: 22 Nov 2015 10:24

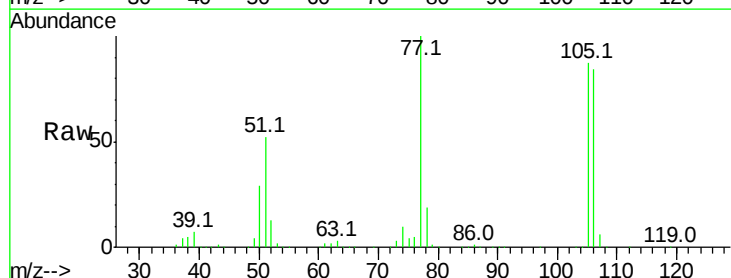
Tgt Ion: 77 Resp: 568889

Ion Ratio Lower Upper

77 100

105 87.1 73.4 113.4

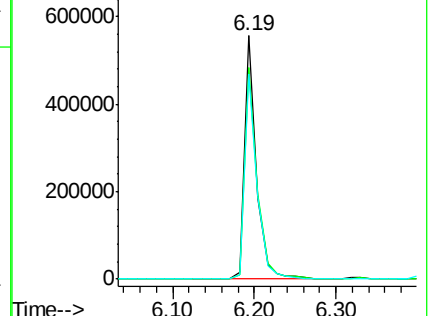
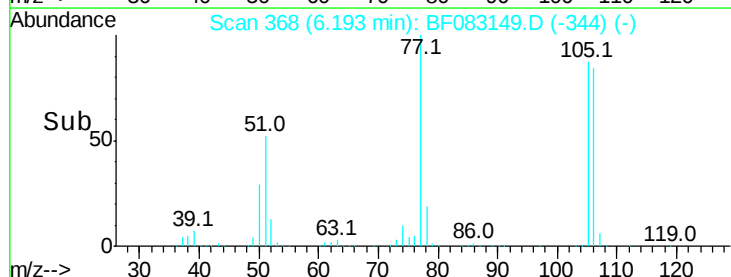
106 84.5 67.5 107.5

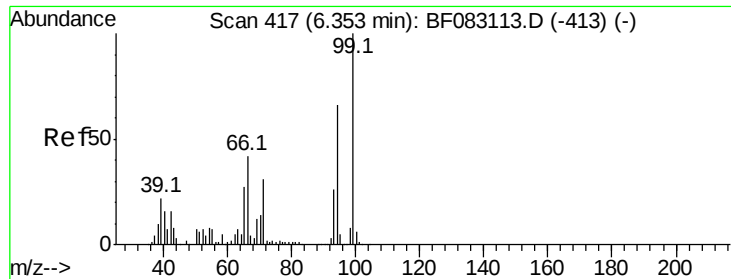


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 18.62 ng

RT: 6.33 min Scan# 380

Delta R.T. -0.02 min

Lab File: BF083149.D

Acq: 22 Nov 2015 10:24

Instrument :

BNA_F

ClientSampleId :

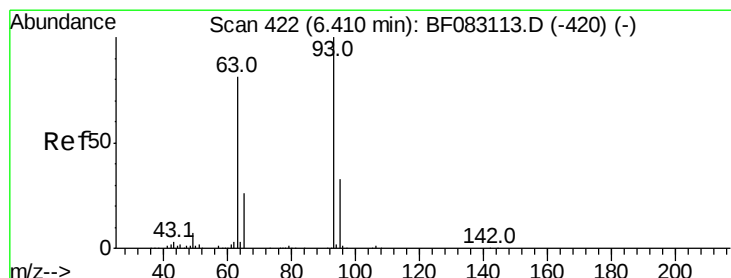
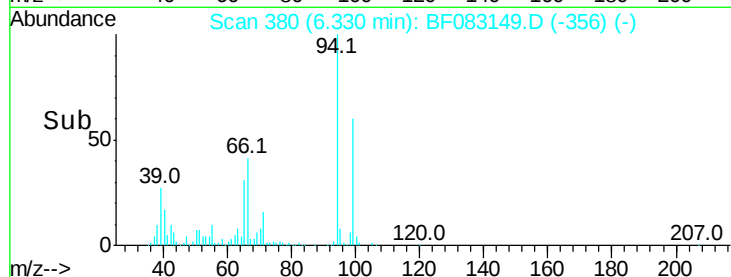
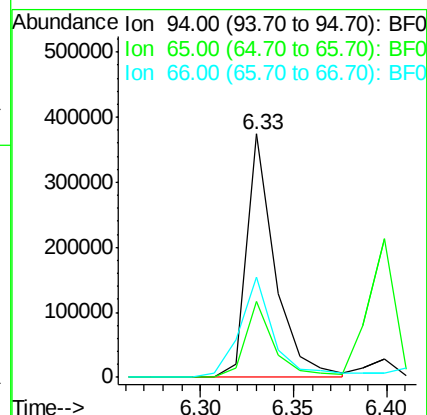
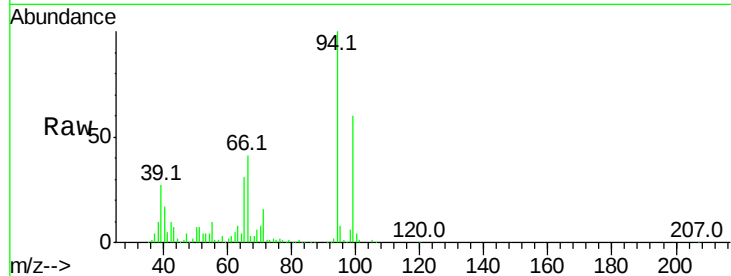
Tot Ion: 94 Resp: 396155

Ion Ratio Lower Upper

94 100

65 31.2 21.1 61.1

66 41.0 43.1 83.1#



#11

bis(2-Chloroethyl)ether

Concen: 51.20 ng

RT: 6.40 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF083149.D

Acq: 22 Nov 2015 10:24

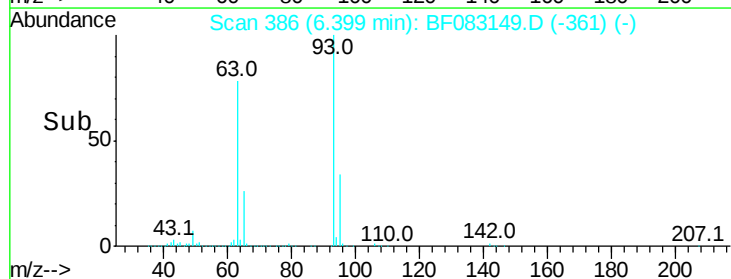
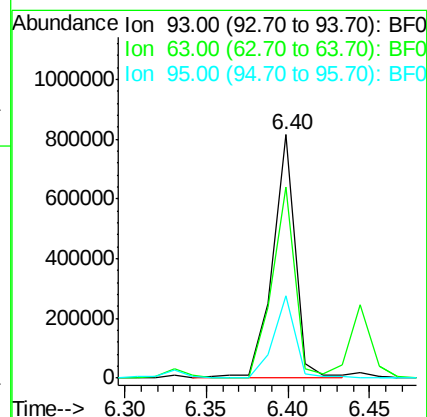
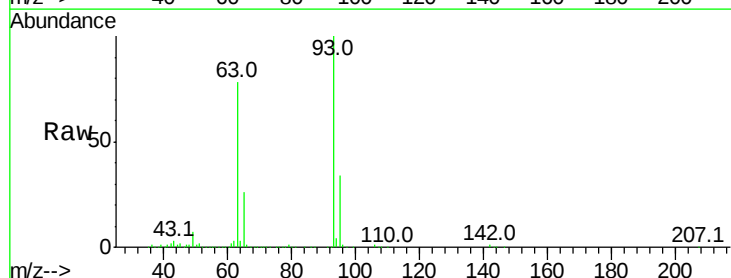
Tgt Ion: 93 Resp: 777775

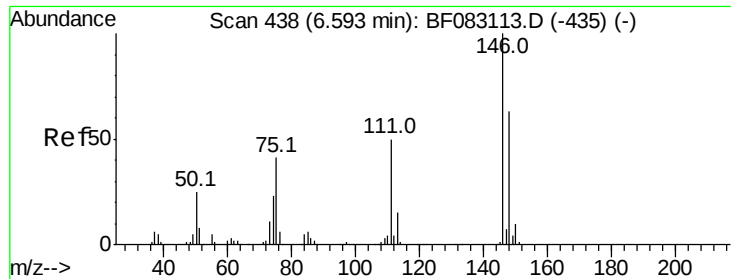
Ion Ratio Lower Upper

93 100

63 78.5 59.8 99.8

95 33.6 13.0 53.0





#12

1,3-Dichlorobenzene

Concen: 36.48 ng

RT: 6.82 min Scan# 423

Delta R.T. 0.23 min

Lab File: BF083149.D

Acq: 22 Nov 2015 10:24

Instrument :

BNA_F

ClientSampled :

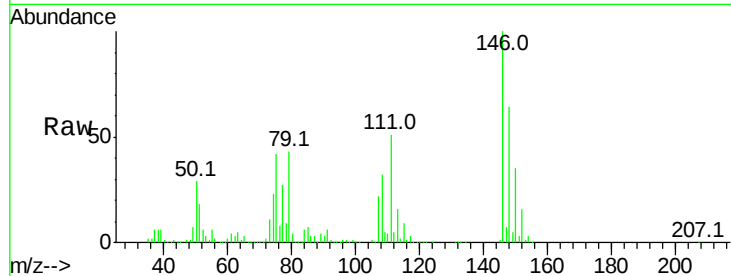
Tot Ion:146 Resp: 611747

Ion Ratio Lower Upper

146 100

148 64.0 50.2 75.2

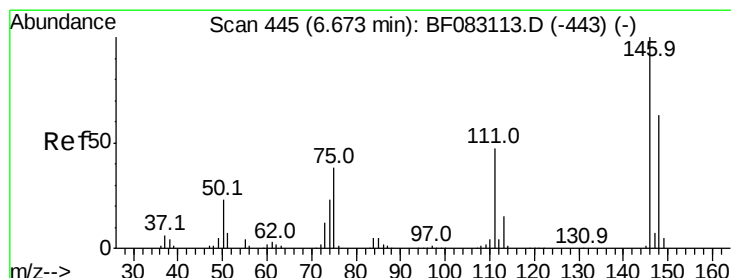
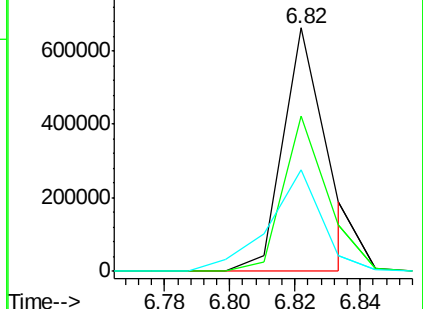
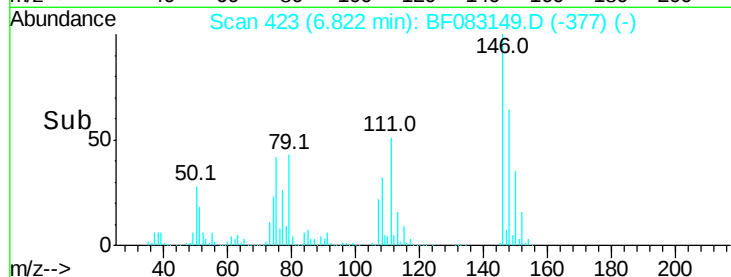
75 41.7 32.7 49.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BFO



#13

1,4-Dichlorobenzene

Concen: 40.95 ng

RT: 6.67 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF083149.D

Acq: 22 Nov 2015 10:24

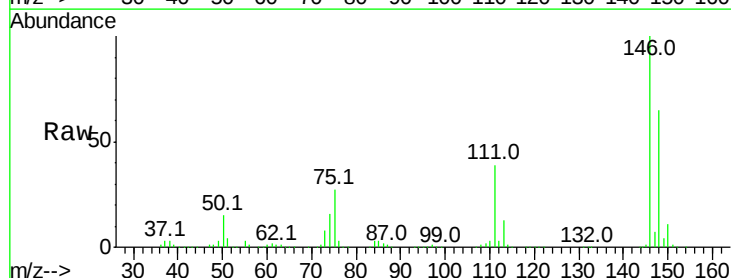
Tgt Ion:146 Resp: 694643

Ion Ratio Lower Upper

146 100

148 65.4 50.2 75.2

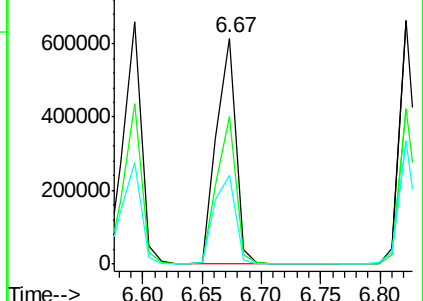
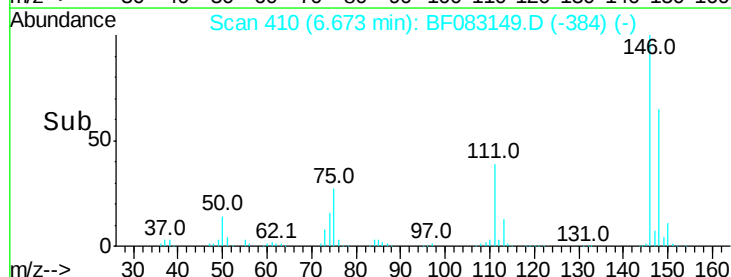
111 39.1 37.5 56.3

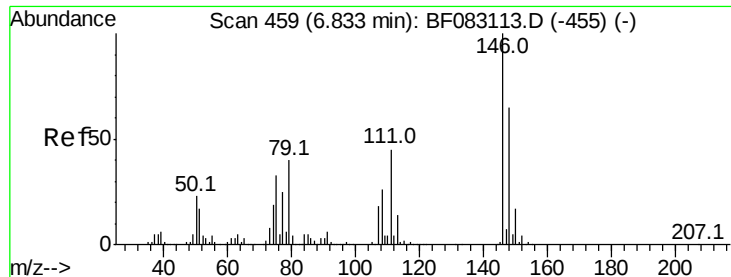


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 40.42 ng

RT: 6.82 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF083149.D

Acq: 22 Nov 2015 10:24

Instrument :

BNA_F

ClientSampled :

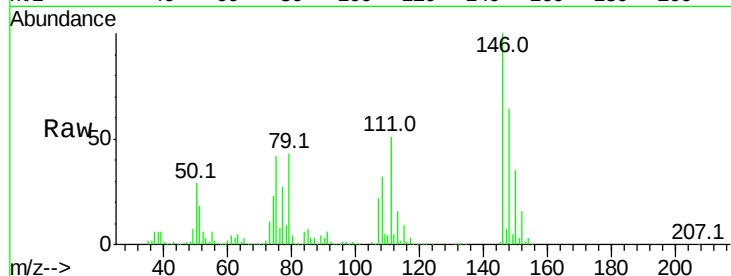
Tot Ion:146 Resp: 623072

Ion Ratio Lower Upper

146 100

148 64.0 51.8 77.6

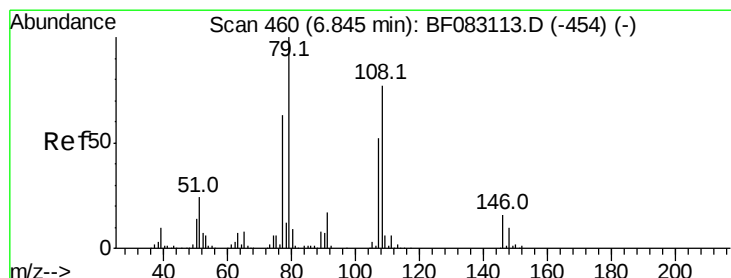
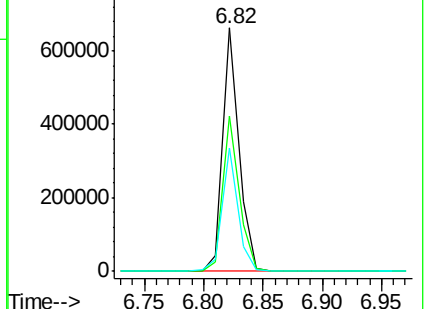
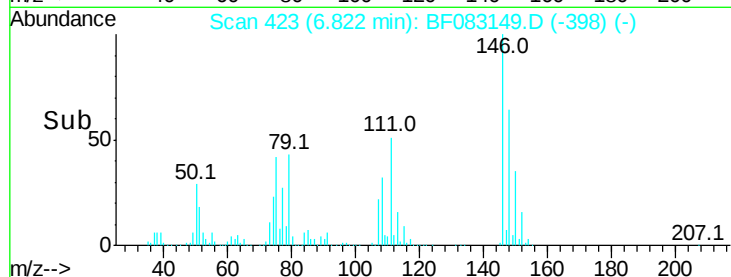
111 50.6 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 26.70 ng

RT: 6.82 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF083149.D

Acq: 22 Nov 2015 10:24

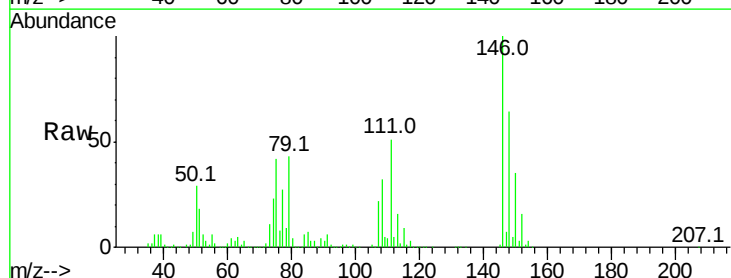
Tgt Ion: 79 Resp: 392415

Ion Ratio Lower Upper

79 100

108 75.7 61.4 92.2

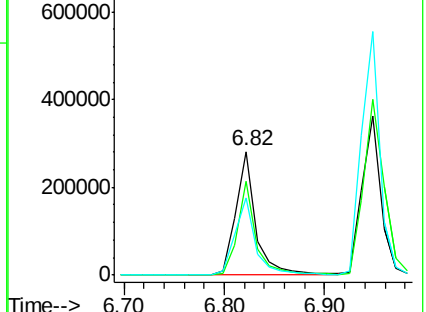
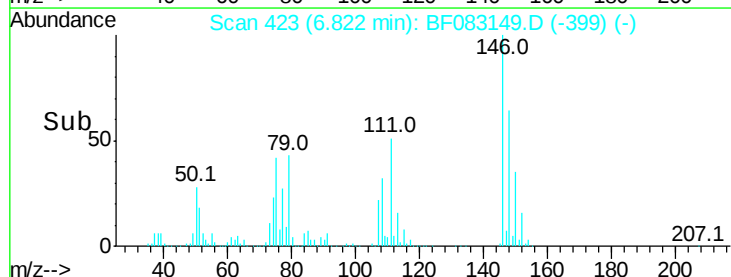
77 62.6 50.5 75.7

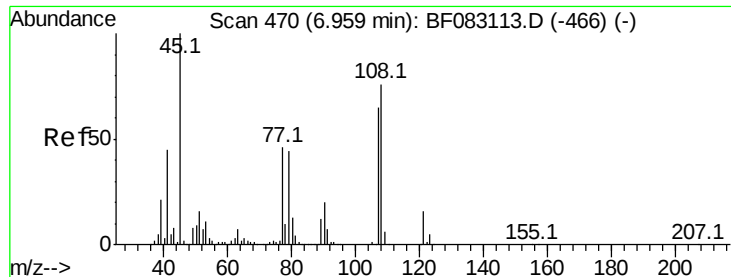


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

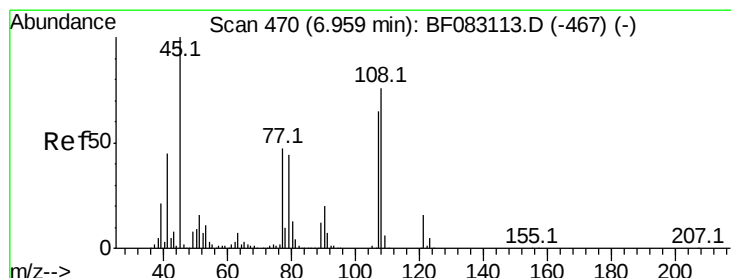
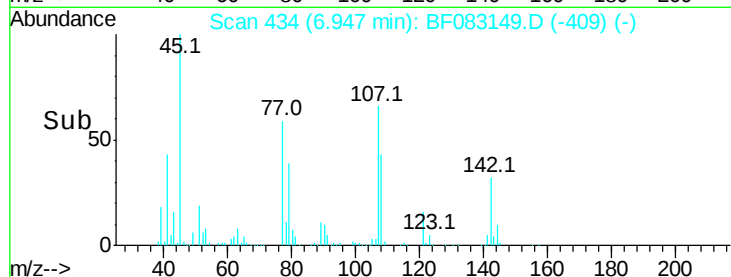
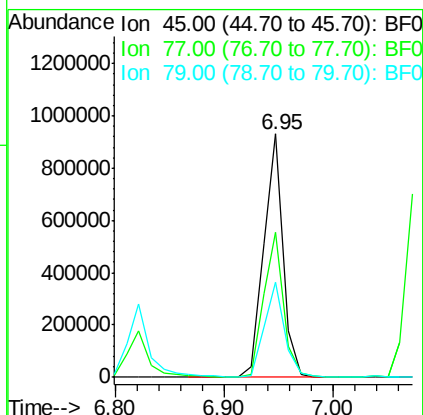
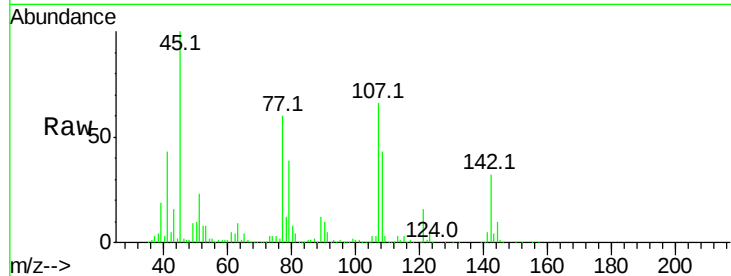




#16
2,2'-oxvbis(1-chloropropane)
Concen: 48.62 ng
RT: 6.95 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF083149.D
Acq: 22 Nov 2015 10:24

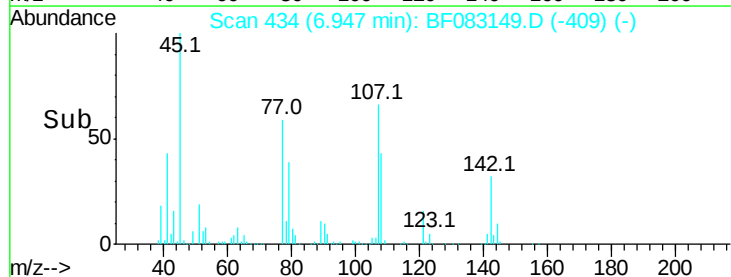
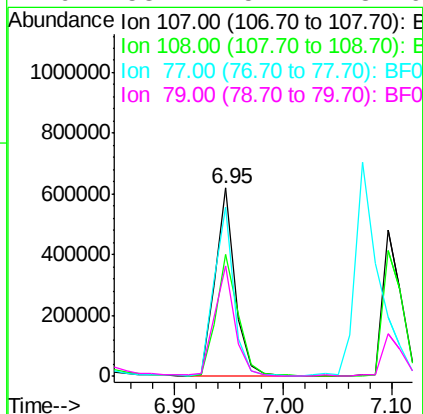
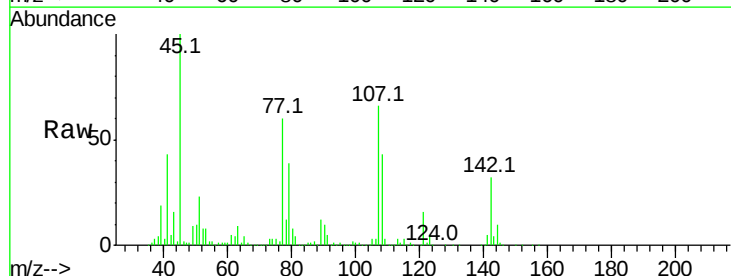
Instrument :
BNA_F
ClientSampled :

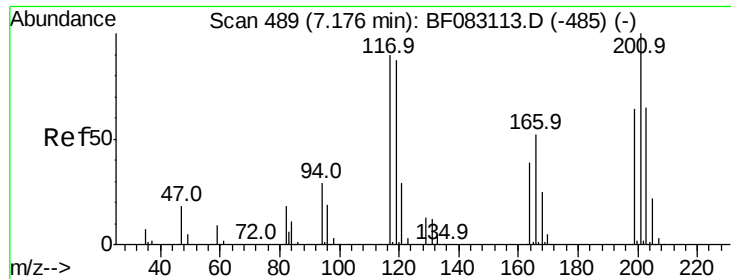
Tot Ion: 45 Resp: 1151872
Ion Ratio Lower Upper
45 100
77 59.6 26.7 66.7
79 39.0 24.3 64.3



#17
2-Methylphenol
Concen: 65.14 ng
RT: 6.95 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF083149.D
Acq: 22 Nov 2015 10:24

Tgt Ion: 107 Resp: 791588
Ion Ratio Lower Upper
107 100
108 65.0 93.8 140.6#
77 89.7 57.4 86.0#
79 58.7 54.4 81.6

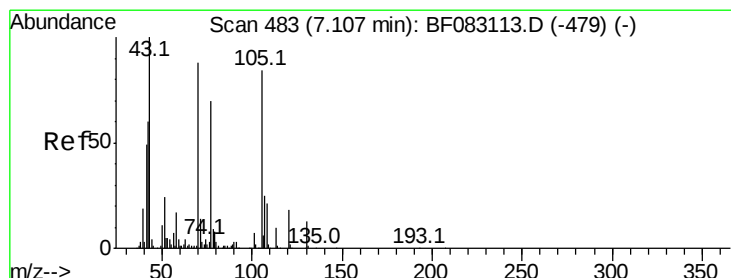
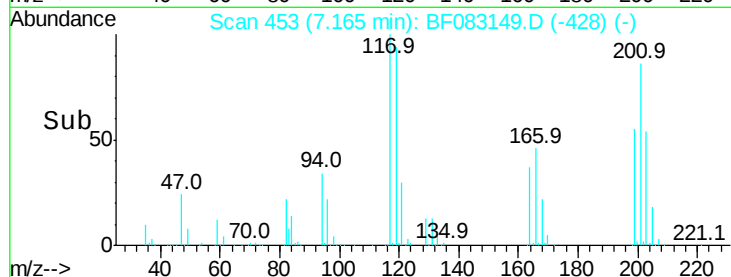
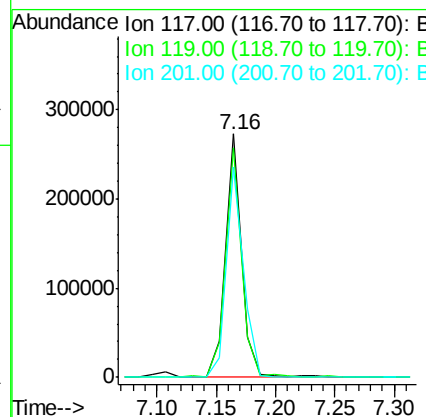
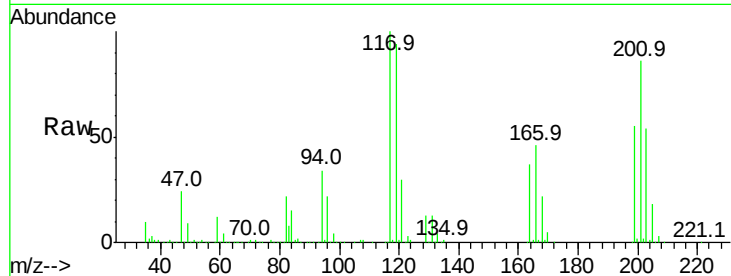




#18
Hexachloroethane
Concen: 42.27 ng
RT: 7.16 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF083149.D
Acq: 22 Nov 2015 10:24

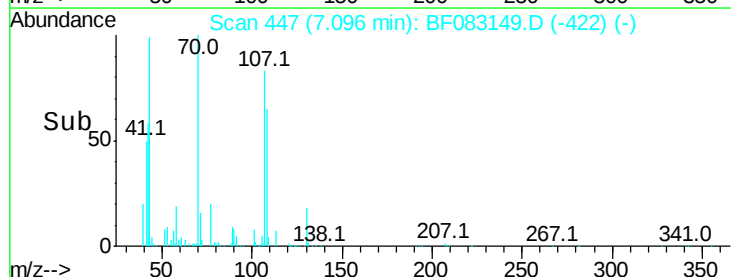
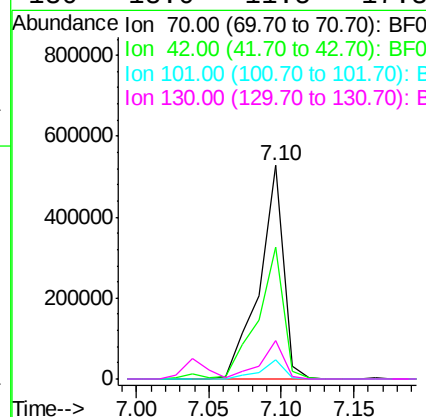
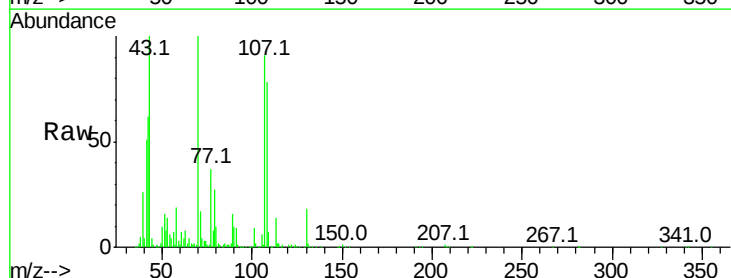
Instrument :
BNA_F
ClientSampleId :

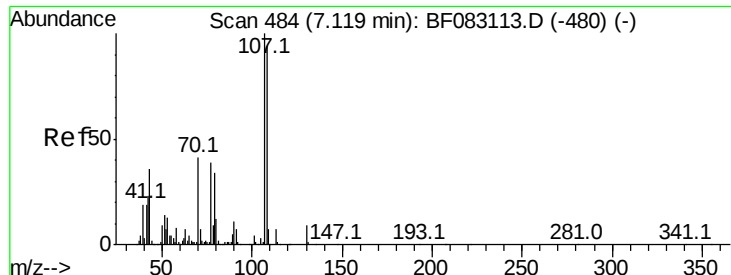
Tot Ion:117 Resp: 252535
Ion Ratio Lower Upper
117 100
119 94.4 76.8 115.2
201 86.3 88.6 133.0#



#19
n-Nitroso-di-n-propylamine
Concen: 49.78 ng
RT: 7.10 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF083149.D
Acq: 22 Nov 2015 10:24

Tgt Ion: 70 Resp: 609315
Ion Ratio Lower Upper
70 100
42 62.0 54.5 81.7
101 9.0 6.6 9.8
130 18.0 11.5 17.3#

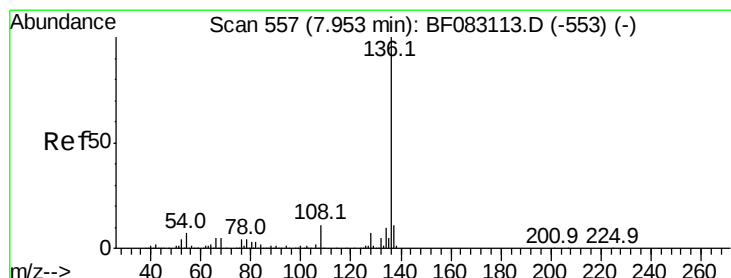
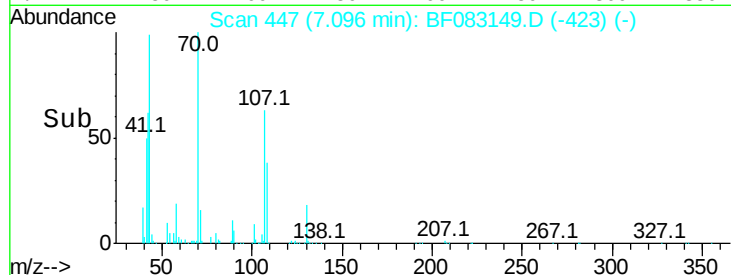
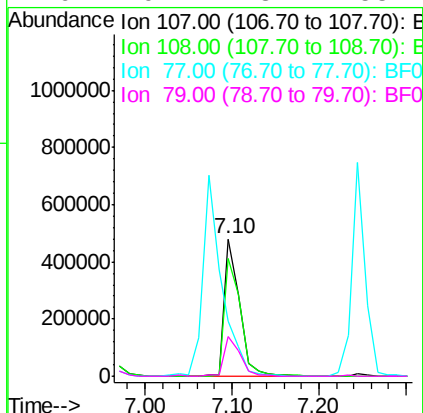
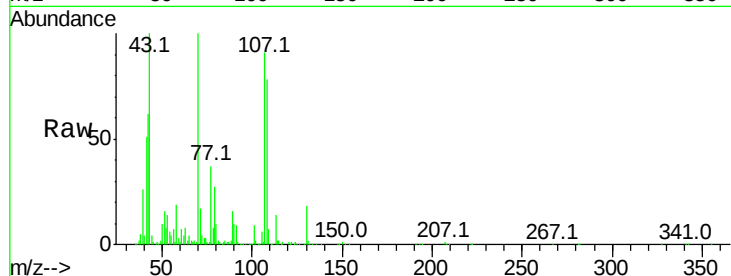




#20
3+4-Methylphenols
Concen: 37.87 ng
RT: 7.10 min Scan# 447
Delta R.T. -0.02 min
Lab File: BF083149.D
Acq: 22 Nov 2015 10:24

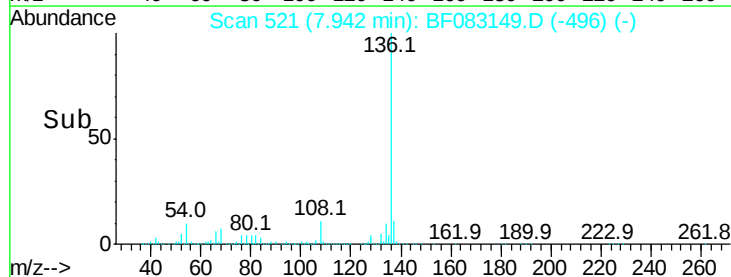
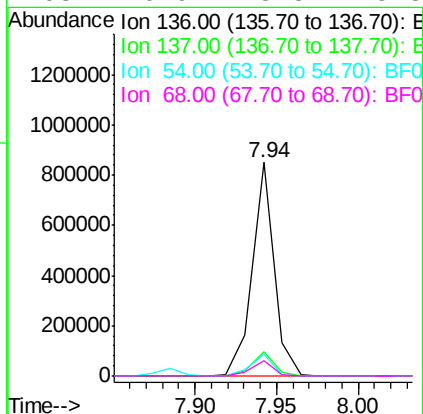
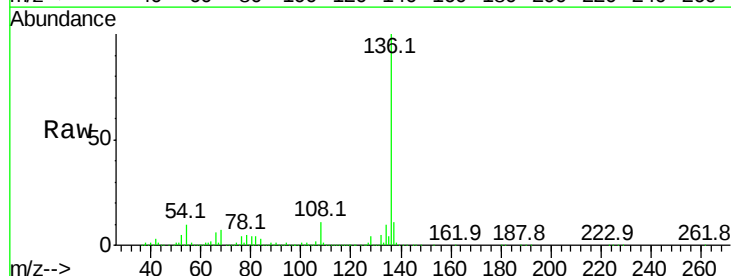
Instrument :
BNA_F
ClientSampled :

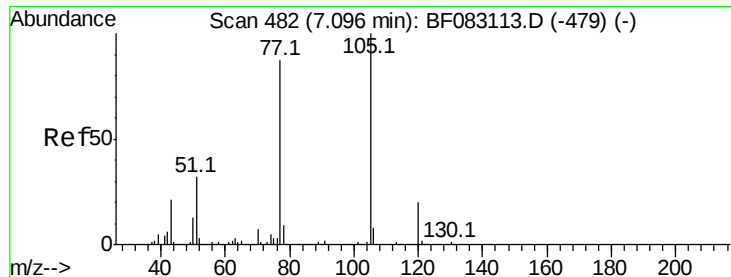
Tot Ion:	107	Resp:	581712
Ion	Ratio	Lower	Upper
107	100		
108	85.6	73.8	113.8
77	40.3	19.1	59.1
79	29.2	13.7	53.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF083149.D
Acq: 22 Nov 2015 10:24

Tgt Ion:	136	Resp:	794943
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	9.9	5.8	8.6#
68	6.9	3.8	5.8#





#22

Acetophenone

Concen: 45.77 ng

RT: 7.07 min Scan# 445

Delta R.T. -0.02 min

Lab File: BF083149.D

Acq: 22 Nov 2015 10:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:105 Resp: 1044654

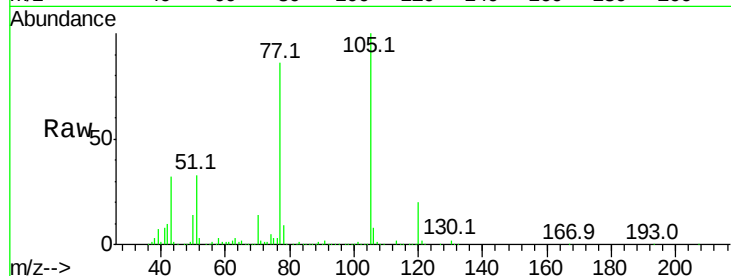
Ion Ratio Lower Upper

105 100

71 2.3 1.0 1.4#

51 33.1 25.6 38.4

120 20.1 15.8 23.6

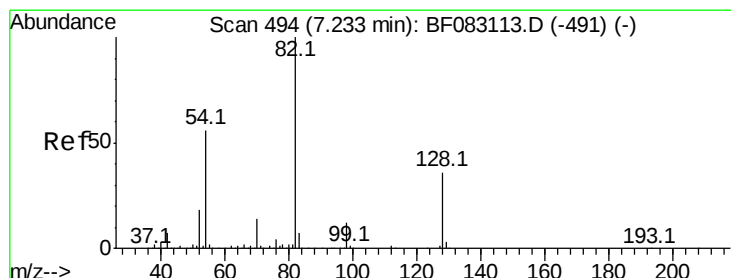
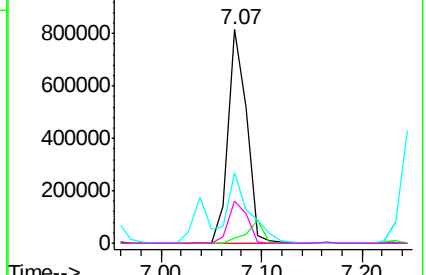
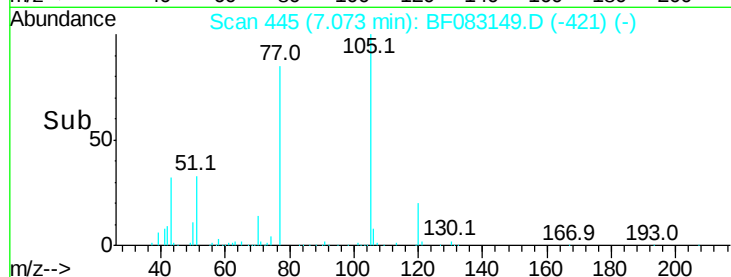


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 96.68 ng

RT: 7.23 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF083149.D

Acq: 22 Nov 2015 10:24

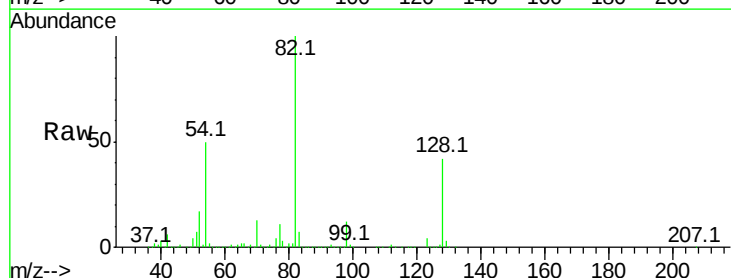
Tgt Ion: 82 Resp: 1681991

Ion Ratio Lower Upper

82 100

128 41.7 28.5 42.7

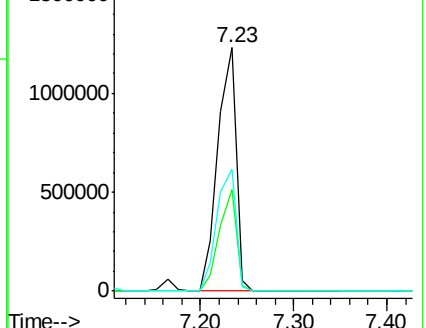
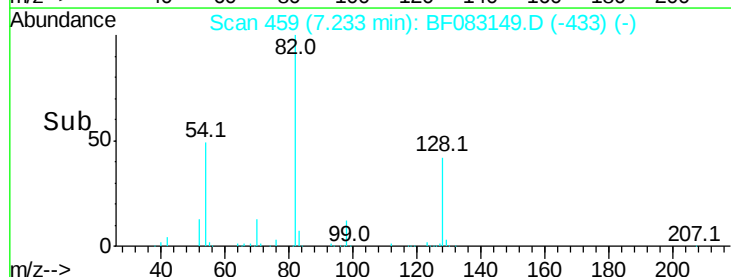
54 49.9 44.6 67.0

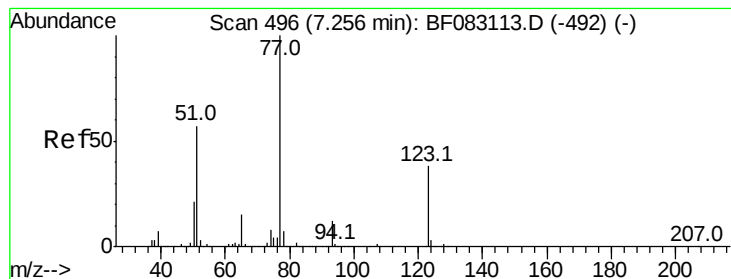


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 42.93 ng

RT: 7.24 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF083149.D

Acq: 22 Nov 2015 10:24

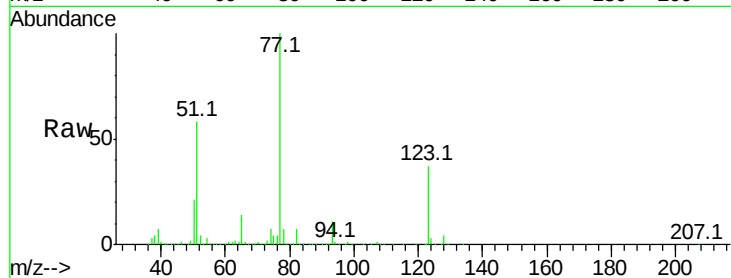
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 798077

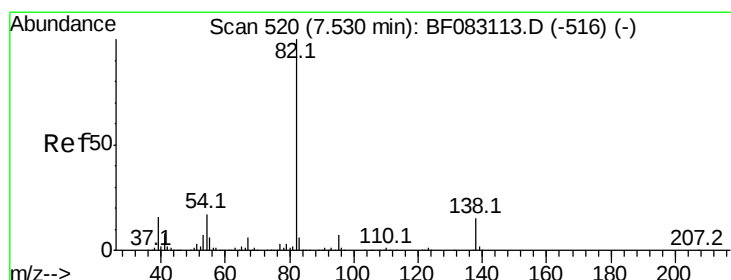
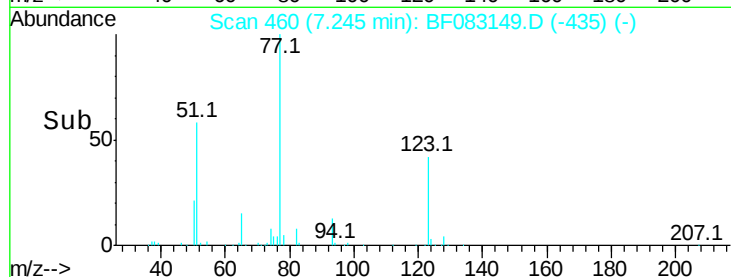
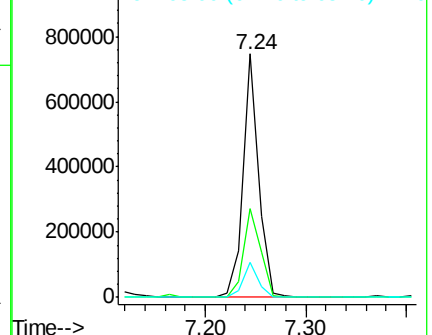
Ion	Ratio	Lower	Upper
77	100		
123	36.7	30.1	45.1
65	14.4	11.6	17.4



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 48.14 ng

RT: 7.50 min Scan# 482

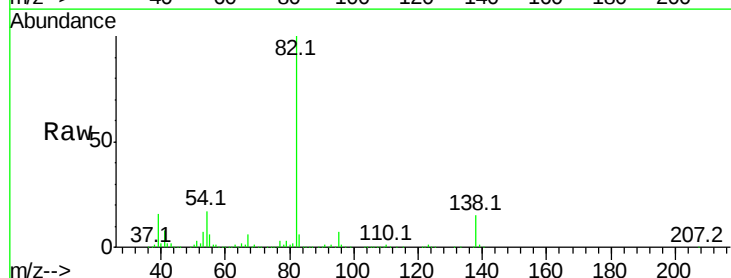
Delta R.T. -0.03 min

Lab File: BF083149.D

Acq: 22 Nov 2015 10:24

Tgt Ion: 82 Resp: 1585568

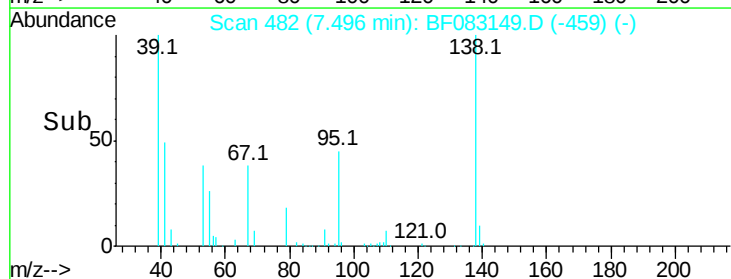
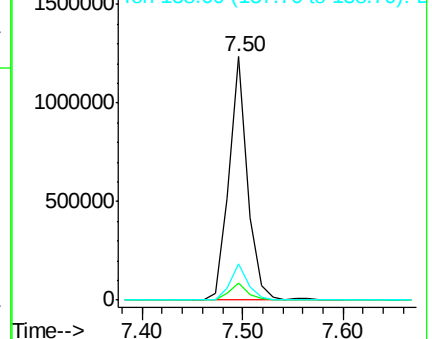
Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.8	8.8
138	15.1	11.6	17.4

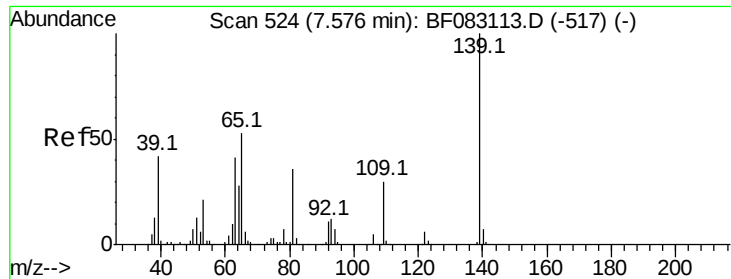


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

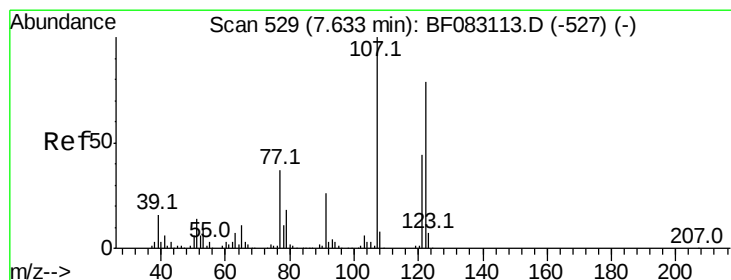
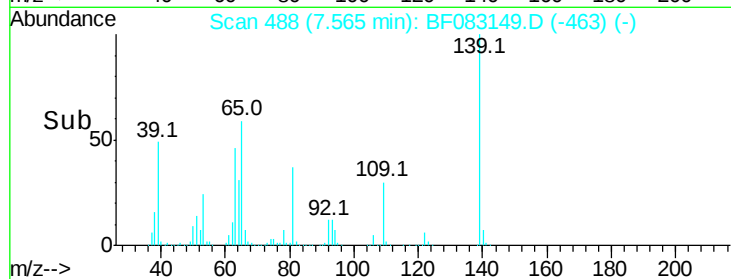
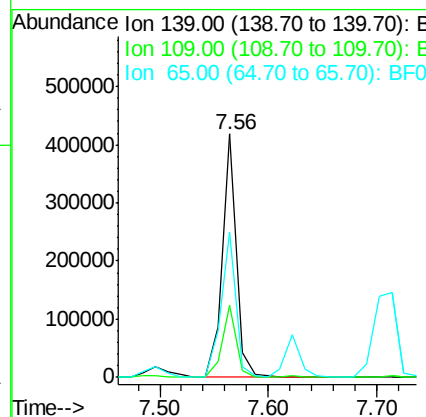
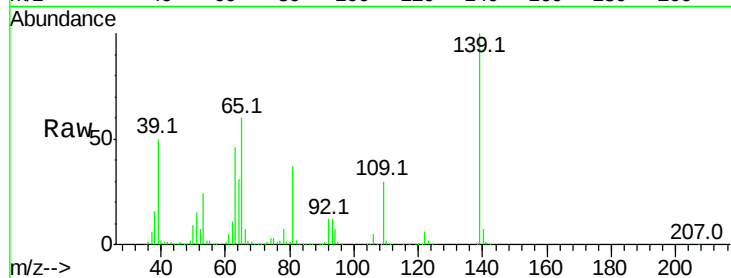




#26
2-Nitrophenol
Concen: 46.80 ng
RT: 7.56 min Scan# 488
Delta R.T. -0.01 min
Lab File: BF083149.D
Acq: 22 Nov 2015 10:24

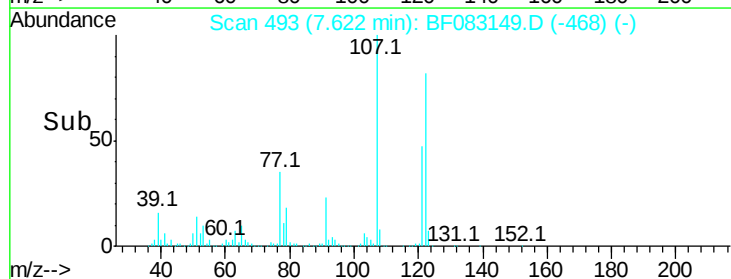
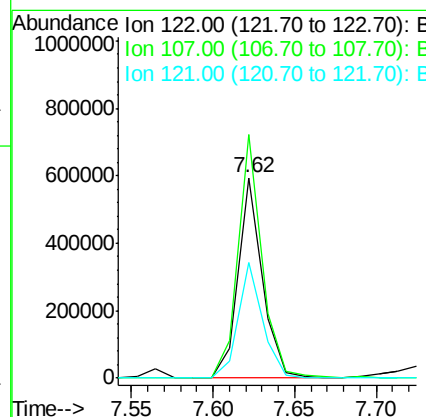
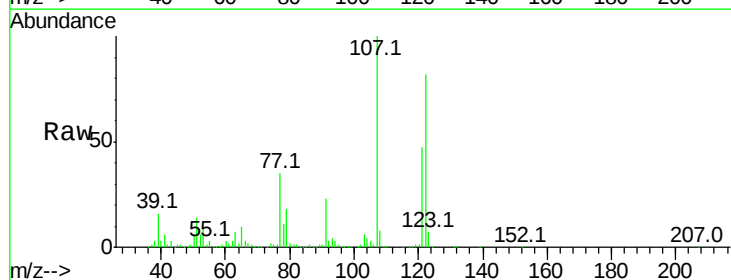
Instrument :
BNA_F
ClientSampleId :

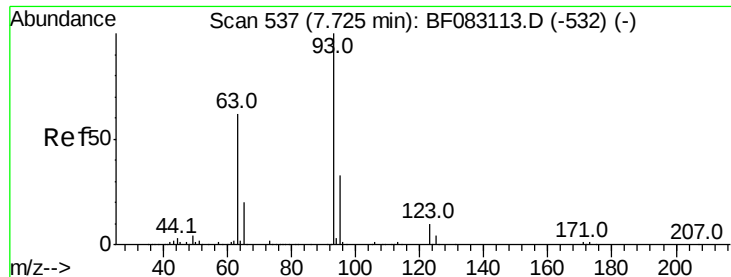
Tot Ion	Ratio	Lower	Upper
139	100		
109	29.6	23.9	35.9
65	59.5	42.7	64.1



#27
2,4-Dimethylphenol
Concen: 46.33 ng
RT: 7.62 min Scan# 493
Delta R.T. -0.01 min
Lab File: BF083149.D
Acq: 22 Nov 2015 10:24

Tgt Ion	Ratio	Lower	Upper
122	100		
107	121.7	101.1	151.7
121	57.5	44.9	67.3





#28

bis(2-Chloroethoxy)methane

Concen: 49.35 ng

RT: 7.71 min Scan# 501

Delta R.T. -0.01 min

Lab File: BF083149.D

Acq: 22 Nov 2015 10:24

Instrument :

BNA_F

ClientSampleId :

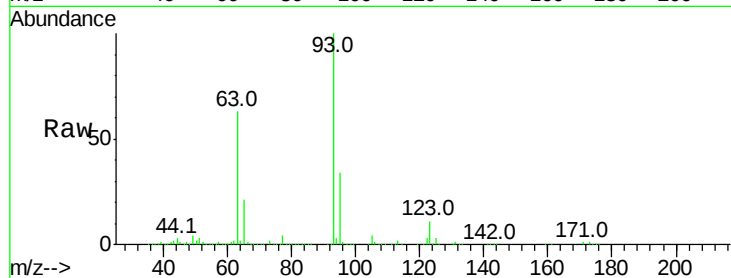
Tot Ion: 93 Resp: 945126

Ion Ratio Lower Upper

93 100

95 33.9 26.5 39.7

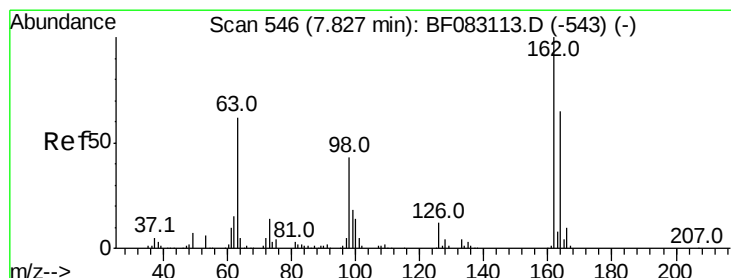
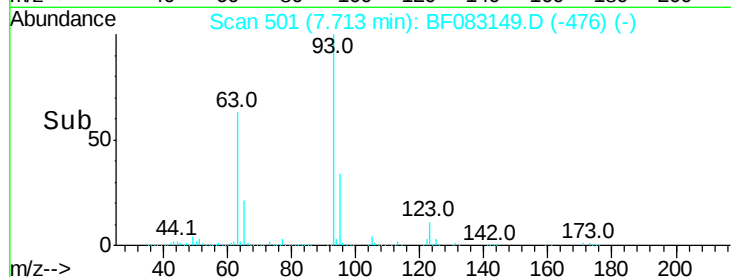
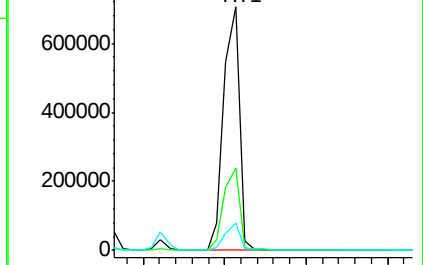
123 11.1 8.1 12.1



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): BF0



#29

2,4-Dichlorophenol

Concen: 49.16 ng

RT: 7.82 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF083149.D

Acq: 22 Nov 2015 10:24

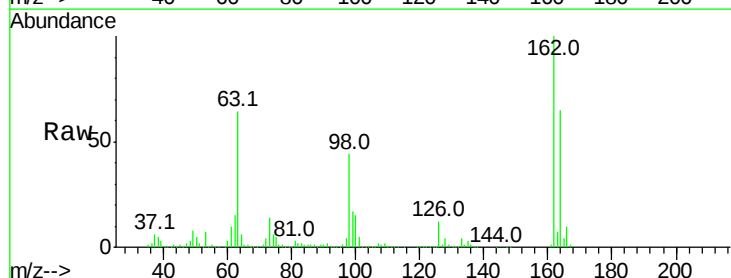
Tgt Ion: 162 Resp: 612365

Ion Ratio Lower Upper

162 100

164 64.6 44.8 84.8

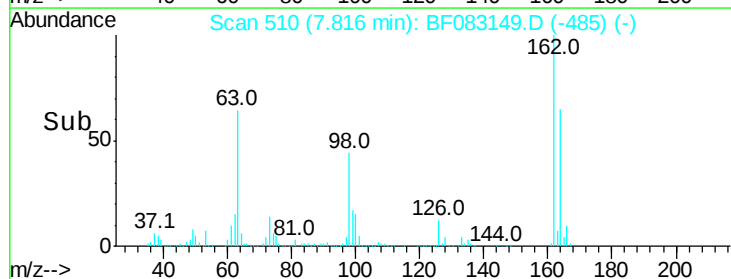
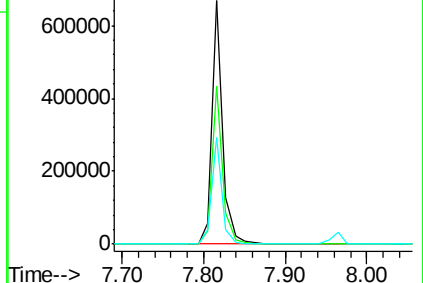
98 44.0 23.1 63.1

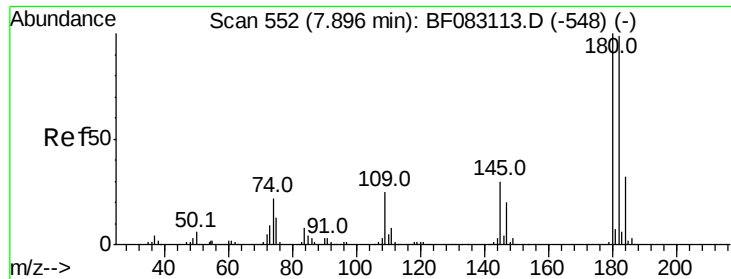


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0

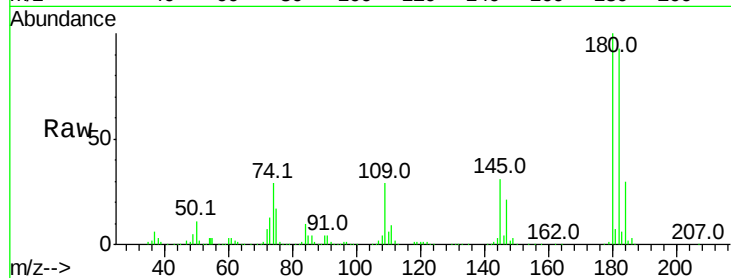




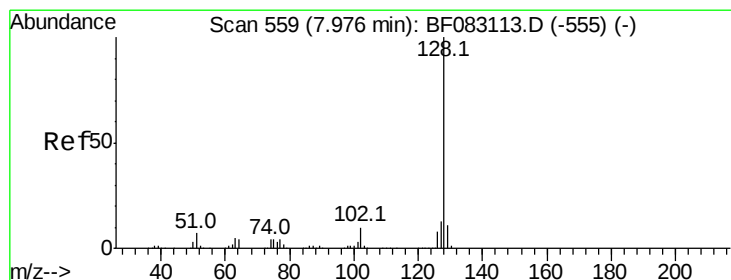
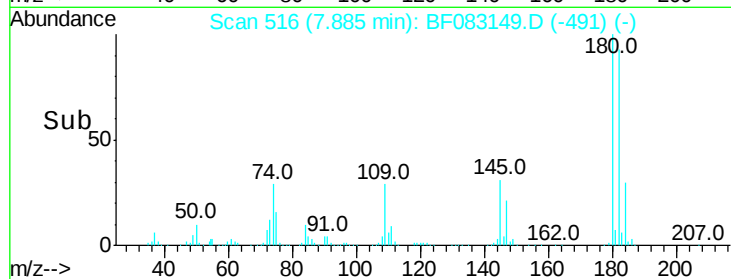
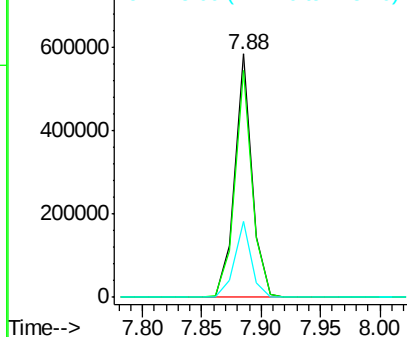
#30
1,2,4-Trichlorobenzene
Concen: 43.39 ng
RT: 7.88 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF083149.D
Acq: 22 Nov 2015 10:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:180 Resp: 593707
Ion Ratio Lower Upper
180 100
182 93.2 79.0 118.6
145 31.0 24.2 36.2

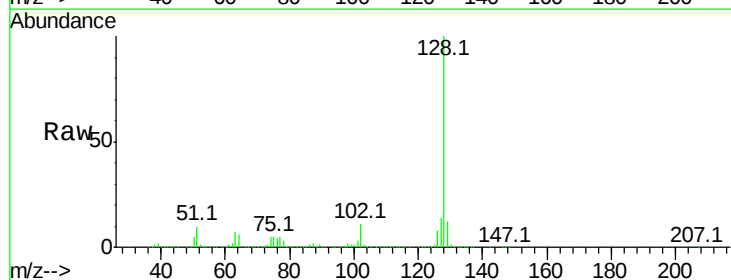


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

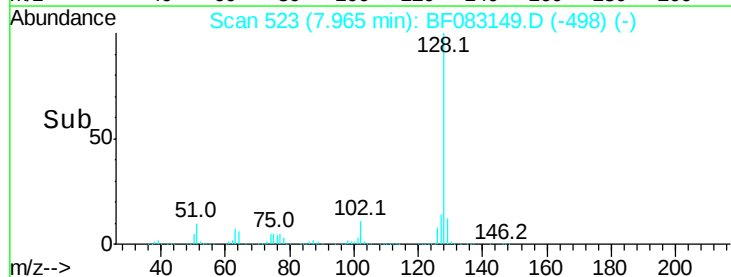
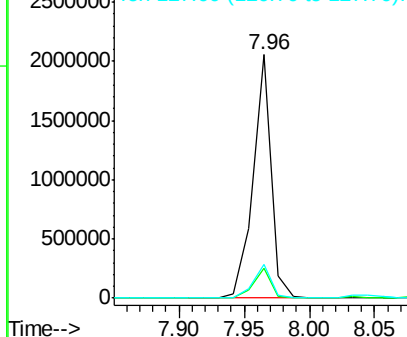


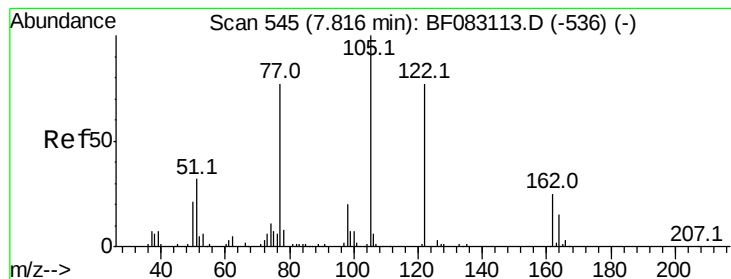
#31
Naphthalene
Concen: 46.07 ng
RT: 7.96 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF083149.D
Acq: 22 Nov 2015 10:24

Tgt Ion:128 Resp: 1976586
Ion Ratio Lower Upper
128 100
129 12.3 9.0 13.4
127 13.9 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: 14.12 ng

RT: 7.75 min Scan# 504

Delta R.T. -0.07 min

Lab File: BF083149.D

Acq: 22 Nov 2015 10:24

Instrument :

BNA_F

ClientSampleId :

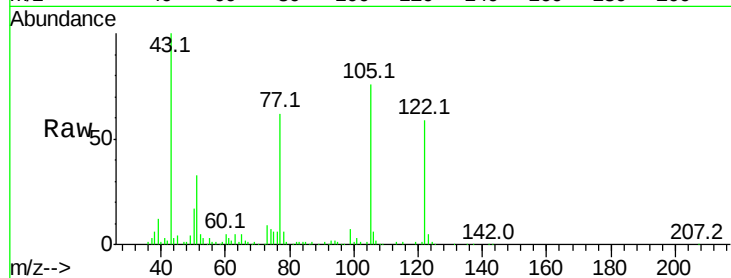
Tot Ion:122 Resp: 143724

Ion Ratio Lower Upper

122 100

105 128.5 109.7 149.7

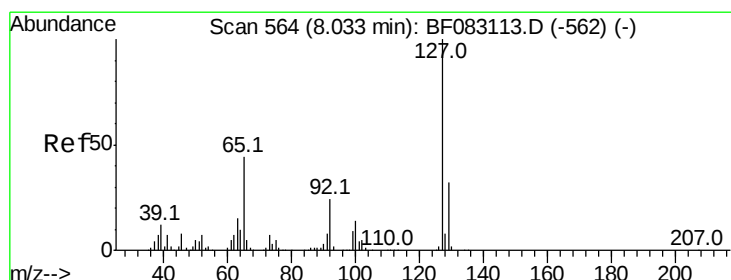
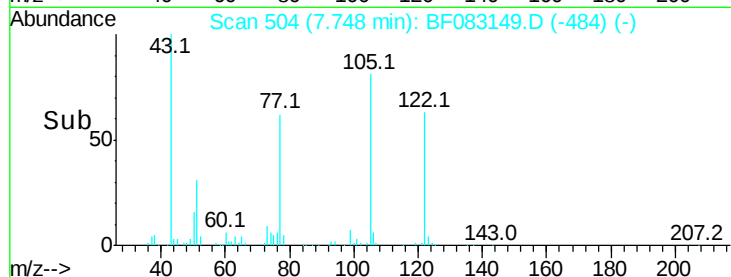
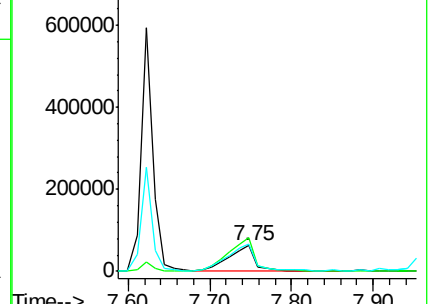
77 104.7 79.7 119.7



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: 3.90 ng

RT: 8.03 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF083149.D

Acq: 22 Nov 2015 10:24

Tgt Ion:127 Resp: 64941

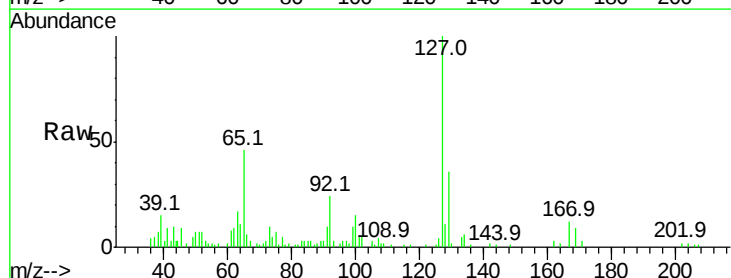
Ion Ratio Lower Upper

127 100

129 36.1 25.7 38.5

65 45.8 35.5 53.3

92 23.6 19.4 29.2

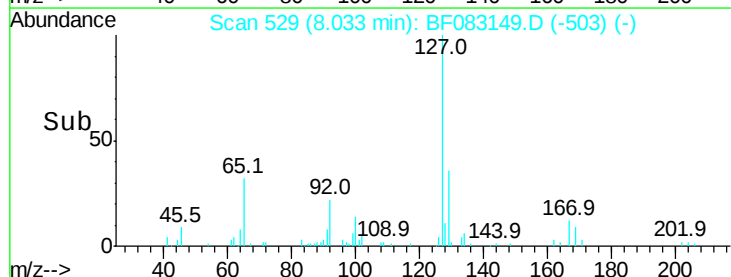
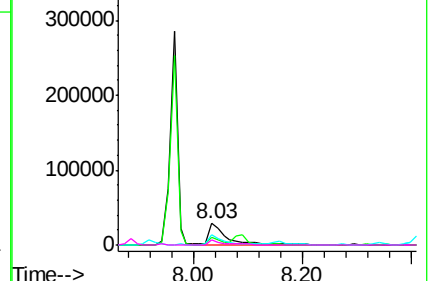


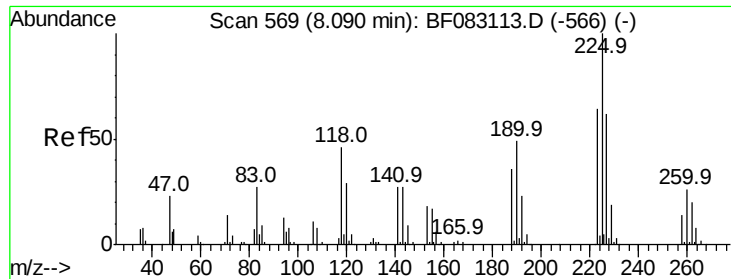
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

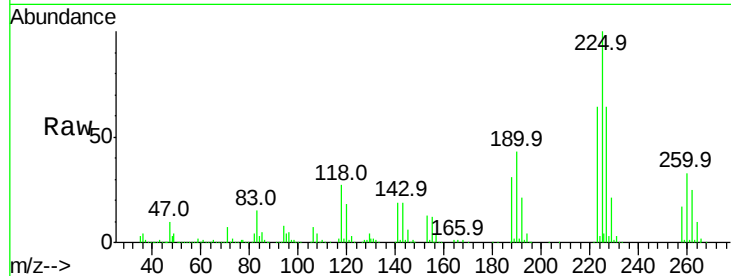




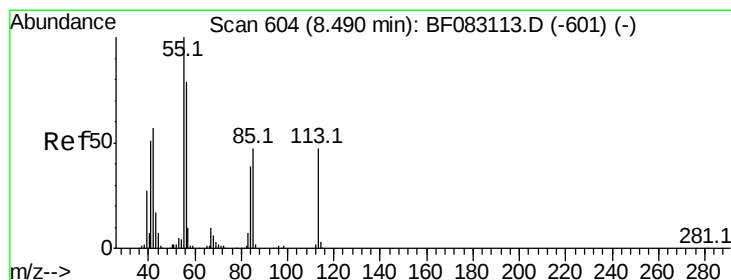
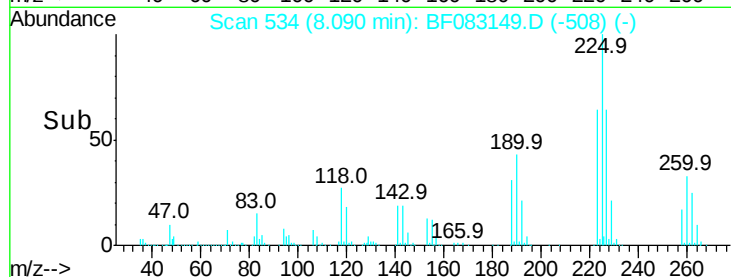
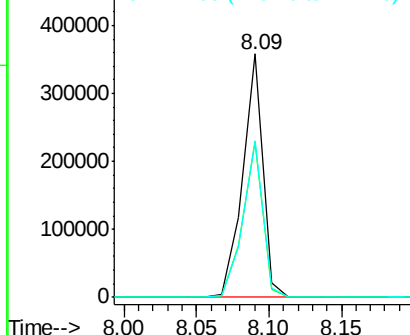
#34
Hexachlorobutadiene
Concen: 42.73 ng
RT: 8.09 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF083149.D
Acq: 22 Nov 2015 10:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.3	76.9
227	64.2	49.8	74.8

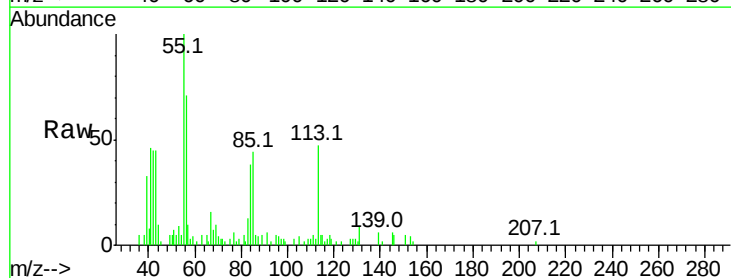


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

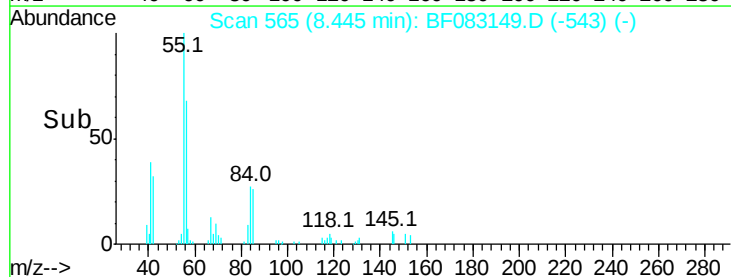
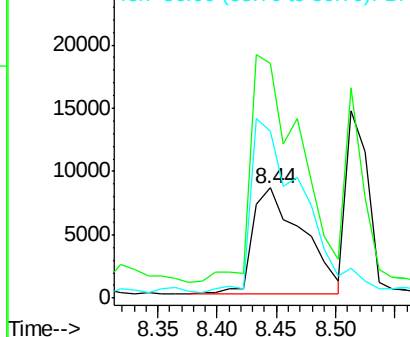


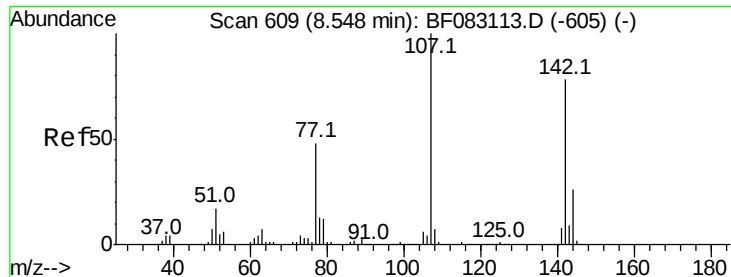
#35
Caprolactam
Concen: 6.16 ng
RT: 8.44 min Scan# 565
Delta R.T. -0.05 min
Lab File: BF083149.D
Acq: 22 Nov 2015 10:24

Tgt Ion	Ratio	Lower	Upper
113	100		
55	212.1	192.6	232.6
56	150.5	148.6	188.6



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

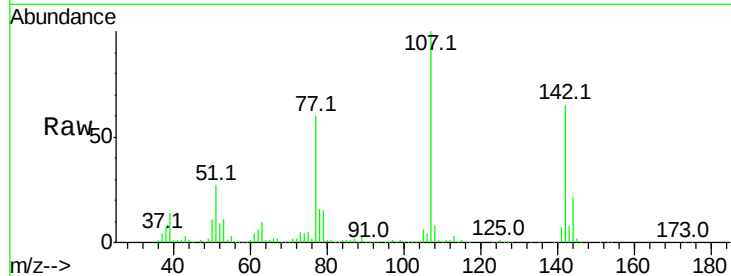




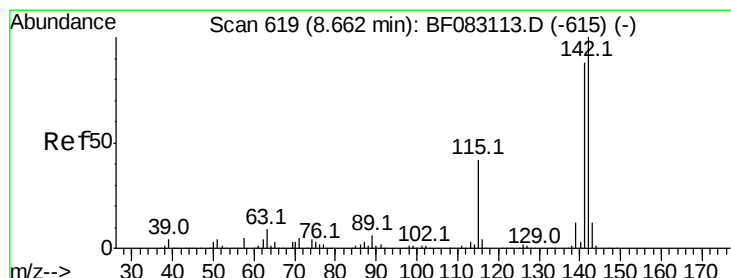
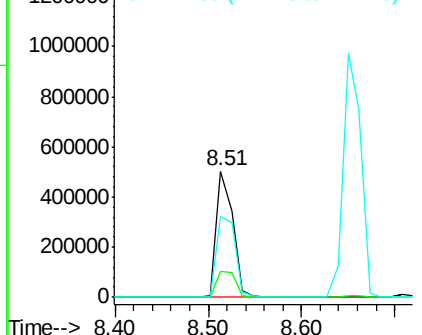
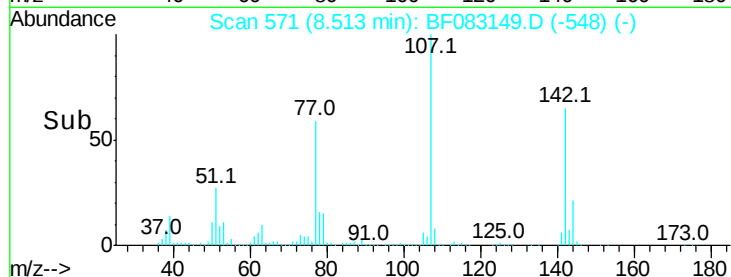
#36
 4-Chloro-3-methylphenol
 Concen: 43.09 ng
 RT: 8.51 min Scan# 571
 Delta R.T. -0.03 min
 Lab File: BF083149.D
 Acq: 22 Nov 2015 10:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:107 Resp: 621771
 Ion Ratio Lower Upper
 107 100
 144 20.8 20.8 31.2#
 142 64.8 62.1 93.1

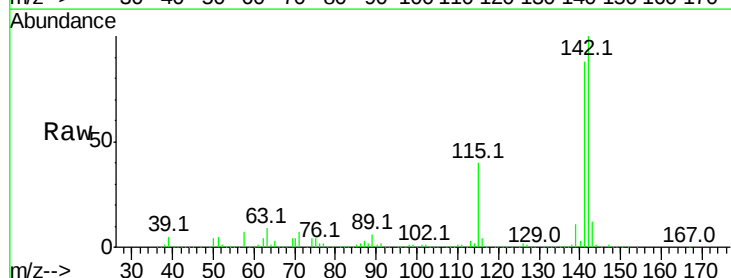


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

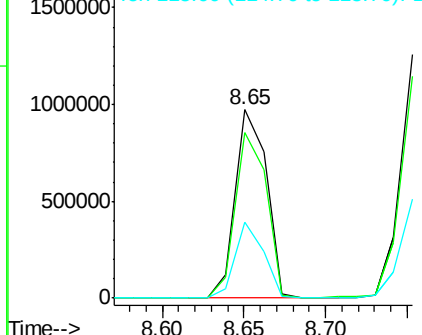
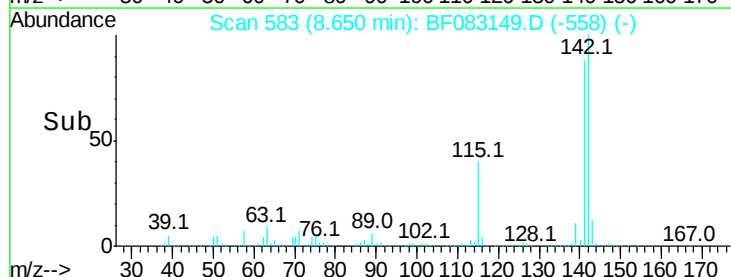


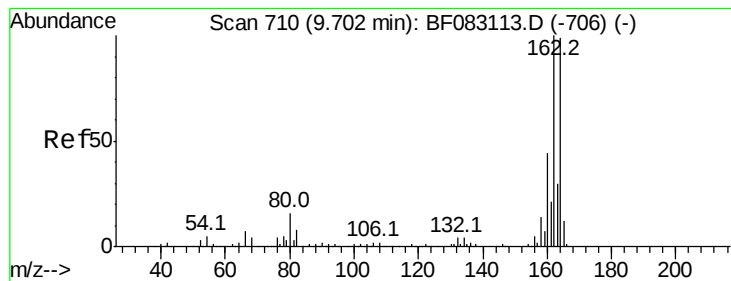
#37
 2-Methylnaphthalene
 Concen: 46.06 ng
 RT: 8.65 min Scan# 583
 Delta R.T. -0.01 min
 Lab File: BF083149.D
 Acq: 22 Nov 2015 10:24

Tgt Ion:142 Resp: 1282519
 Ion Ratio Lower Upper
 142 100
 141 88.0 70.3 105.5
 115 40.2 33.4 50.2



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.69 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF083149.D

Acq: 22 Nov 2015 10:24

Instrument :

BNA_F

ClientSampleId :

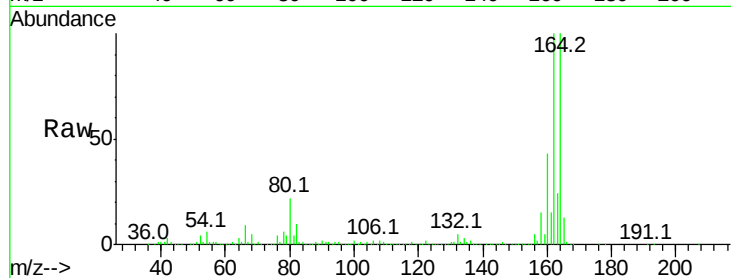
Tot Ion:164 Resp: 403619

Ion Ratio Lower Upper

164 100

162 100.1 81.2 121.8

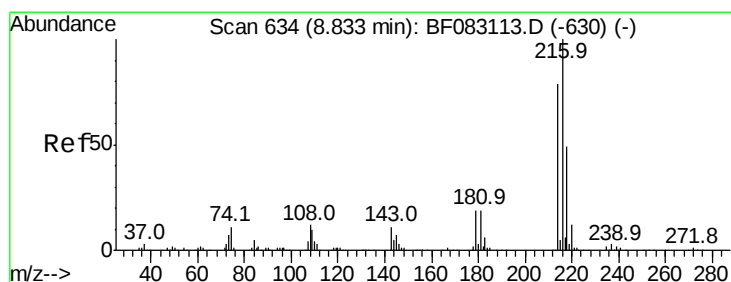
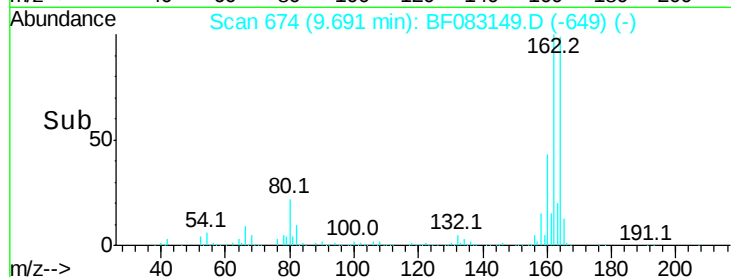
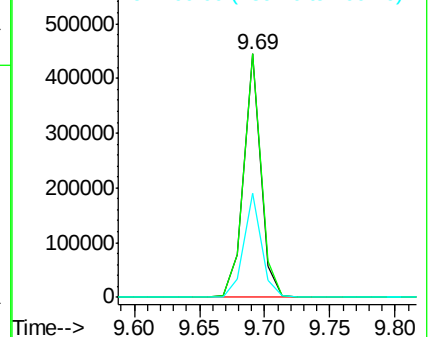
160 42.6 35.6 53.4



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: 44.24 ng

RT: 8.82 min Scan# 598

Delta R.T. -0.01 min

Lab File: BF083149.D

Acq: 22 Nov 2015 10:24

Tgt Ion:216 Resp: 578759

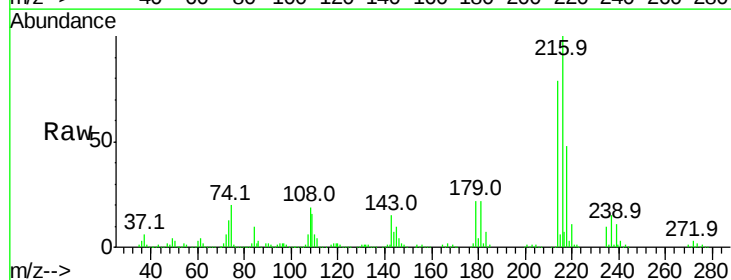
Ion Ratio Lower Upper

216 100

214 79.3 63.8 95.8

179 22.1 17.0 25.6

108 21.9 15.2 22.8

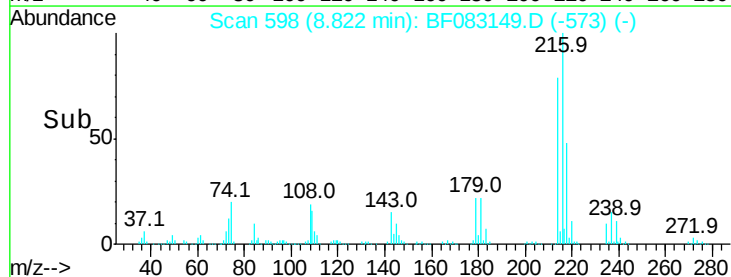
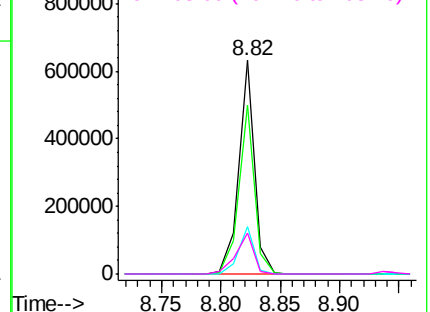


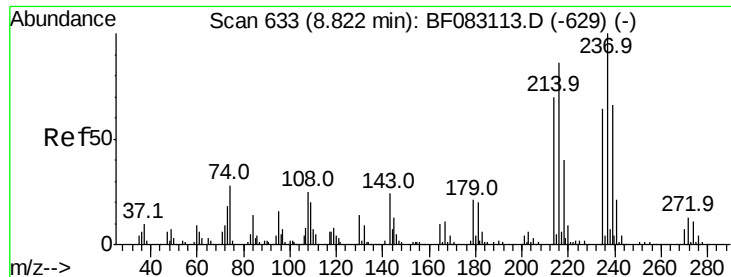
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

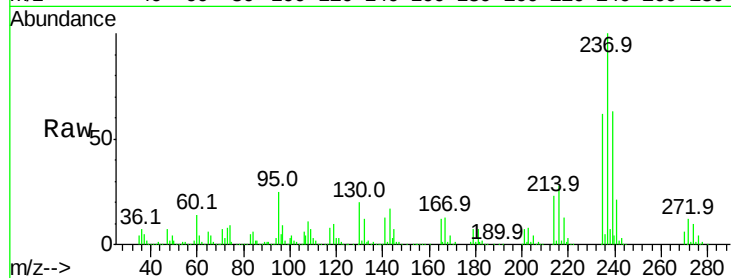




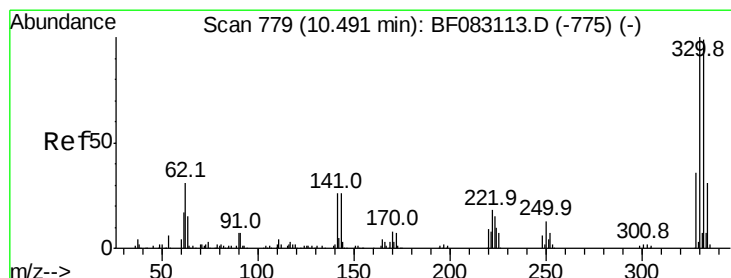
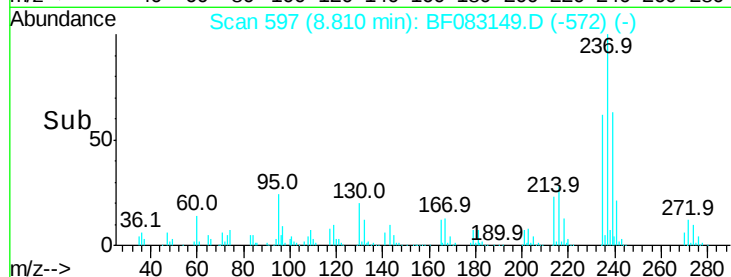
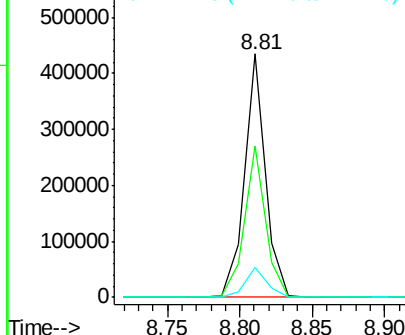
#40
Hexachlorocyclopentadiene
Concen: 58.23 ng
RT: 8.81 min Scan# 597
Delta R.T. -0.01 min
Lab File: BF083149.D
Acq: 22 Nov 2015 10:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 433170
Ion Ratio Lower Upper
237 100
235 62.0 43.5 83.5
272 12.1 0.0 33.1

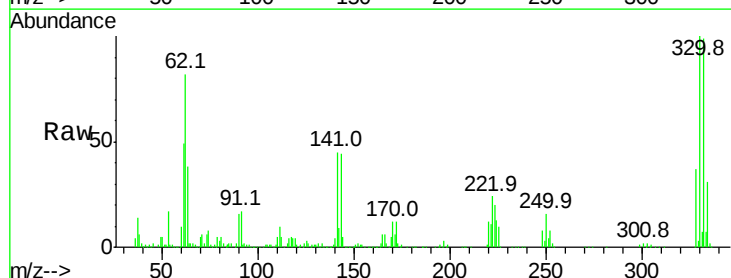


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

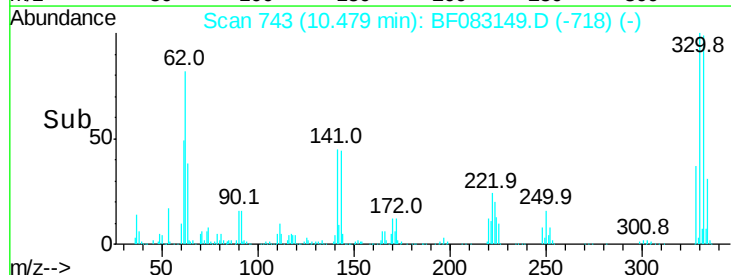
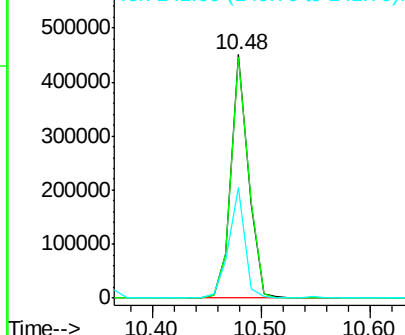


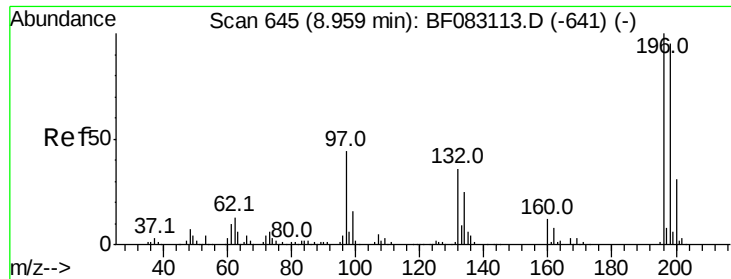
#41
2,4,6-Tribromophenol
Concen: 120.77 ng
RT: 10.48 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF083149.D
Acq: 22 Nov 2015 10:24

Tgt Ion:330 Resp: 498699
Ion Ratio Lower Upper
330 100
332 99.8 77.7 116.5
141 41.2 29.7 44.5



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

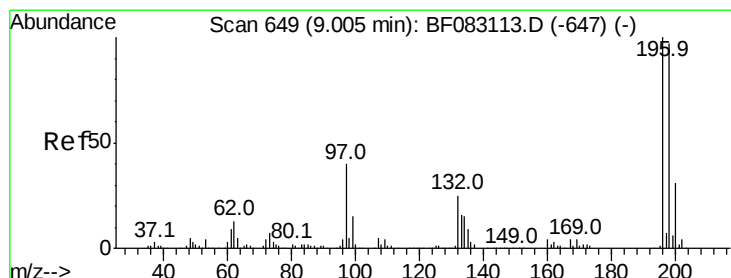
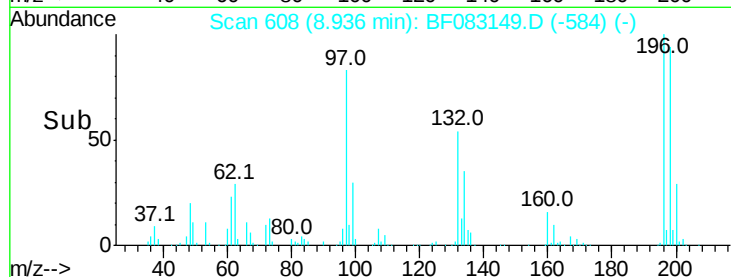
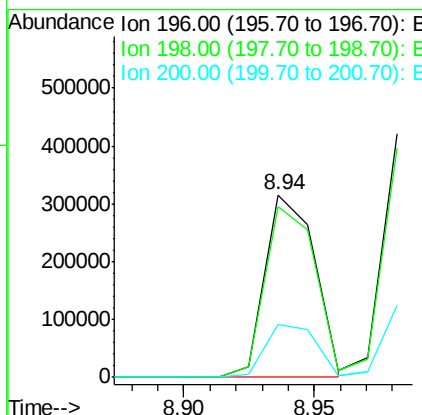
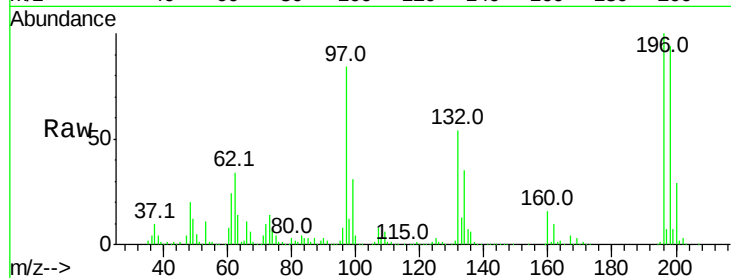




#42
 2,4,6-Trichlorophenol
 Concen: 44.67 ng
 RT: 8.94 min Scan# 608
 Delta R.T. -0.02 min
 Lab File: BF083149.D
 Acq: 22 Nov 2015 10:24

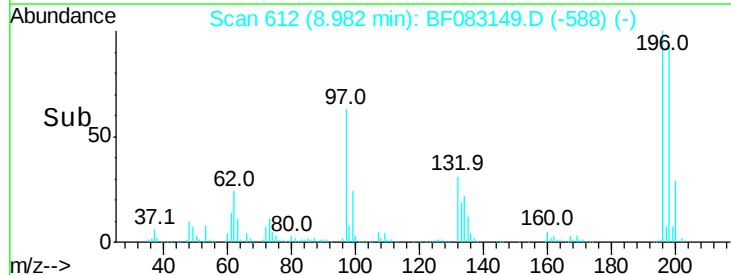
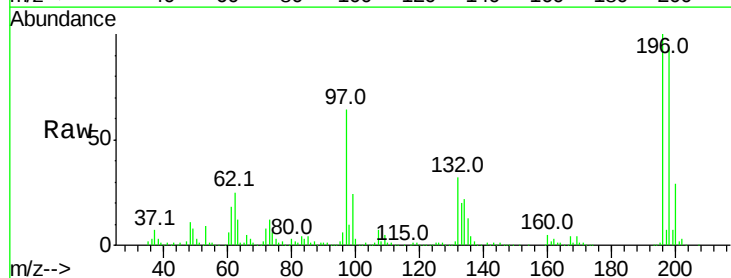
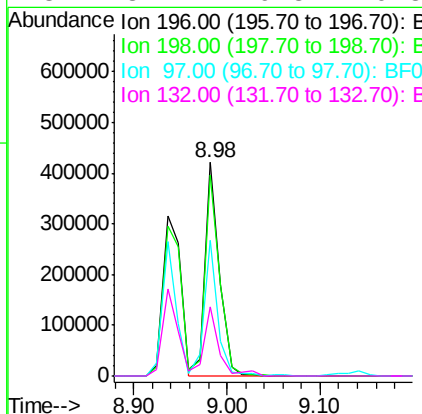
Instrument :
 BNA_F
 ClientSampleId :

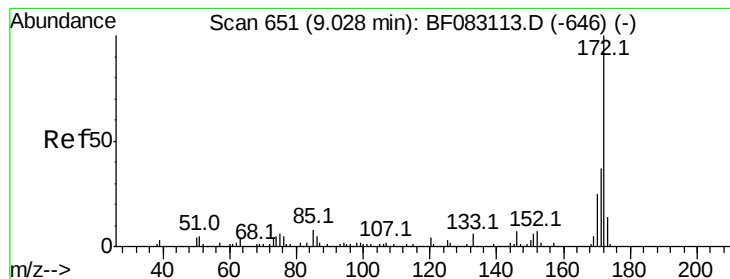
Tot Ion:196 Resp: 418551
 Ion Ratio Lower Upper
 196 100
 198 94.0 75.9 113.9
 200 28.9 24.5 36.7



#43
 2,4,5-Trichlorophenol
 Concen: 47.21 ng
 RT: 8.98 min Scan# 612
 Delta R.T. -0.02 min
 Lab File: BF083149.D
 Acq: 22 Nov 2015 10:24

Tgt Ion:196 Resp: 452255
 Ion Ratio Lower Upper
 196 100
 198 94.2 77.6 116.4
 97 63.8 32.6 48.8#
 132 32.1 19.8 29.8#

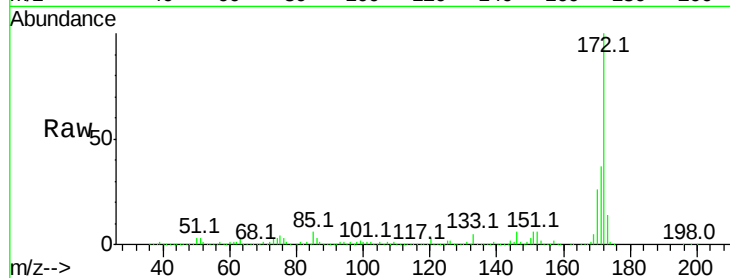




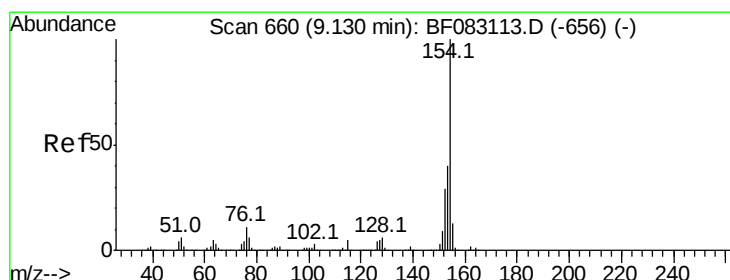
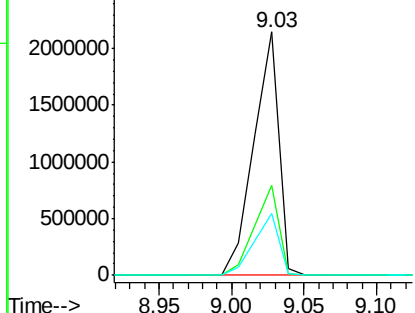
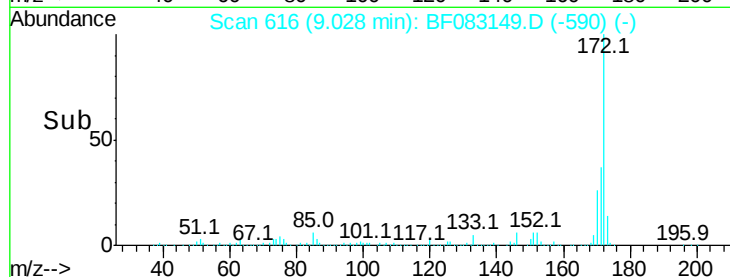
#44
2-Fluorobiphenyl
Concen: 89.01 ng
RT: 9.03 min Scan# 616
Delta R.T. 0.00 min
Lab File: BF083149.D
Acq: 22 Nov 2015 10:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2576255
Ion Ratio Lower Upper
172 100
171 36.9 29.5 44.3
170 25.5 19.9 29.9

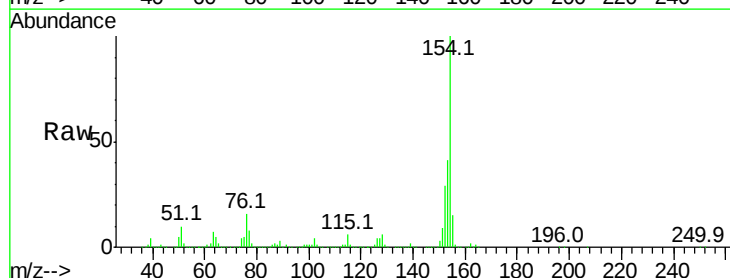


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

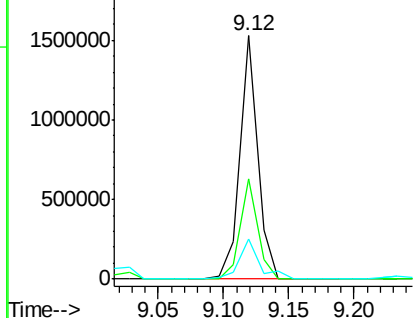
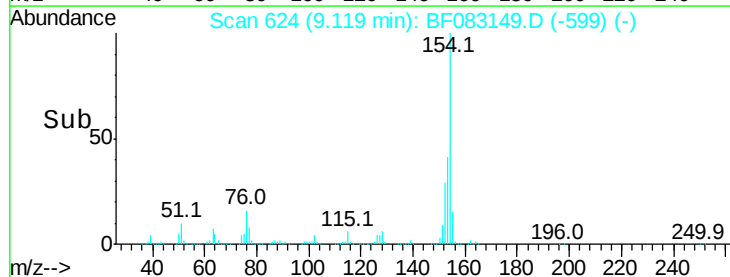


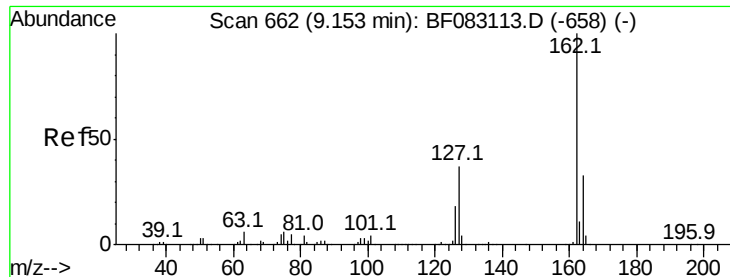
#45
1,1'-Biphenyl
Concen: 41.96 ng
RT: 9.12 min Scan# 624
Delta R.T. -0.01 min
Lab File: BF083149.D
Acq: 22 Nov 2015 10:24

Tgt Ion:154 Resp: 1441328
Ion Ratio Lower Upper
154 100
153 41.1 20.5 60.5
76 16.4 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

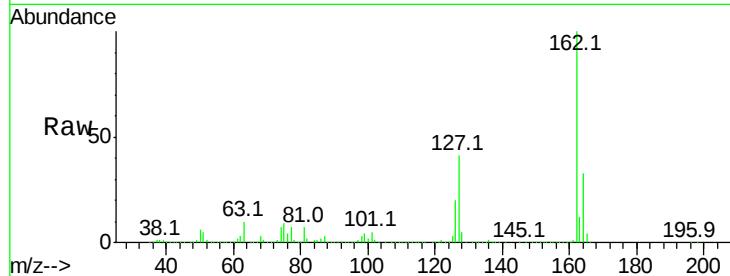




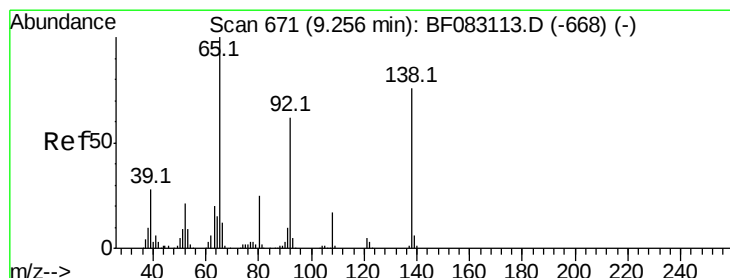
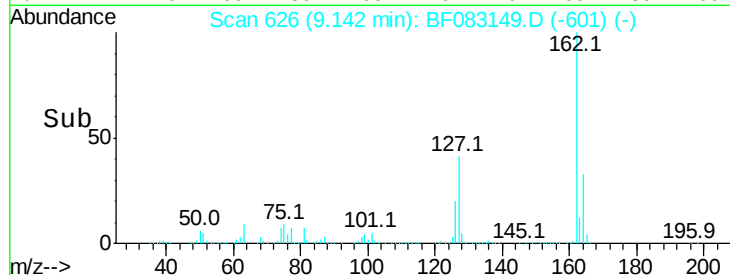
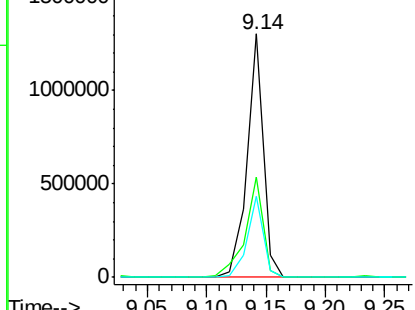
#46
2-Chloronaphthalene
Concen: 46.47 ng
RT: 9.14 min Scan# 626
Delta R.T. -0.01 min
Lab File: BF083149.D
Acq: 22 Nov 2015 10:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 1253890
Ion Ratio Lower Upper
162 100
127 41.2 29.4 44.2
164 33.4 26.2 39.4

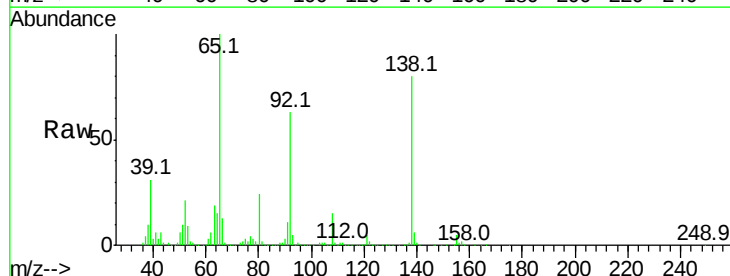


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

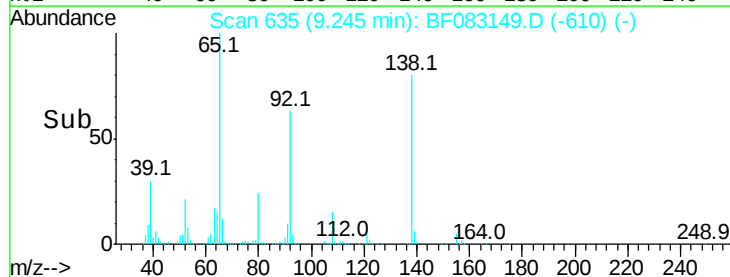
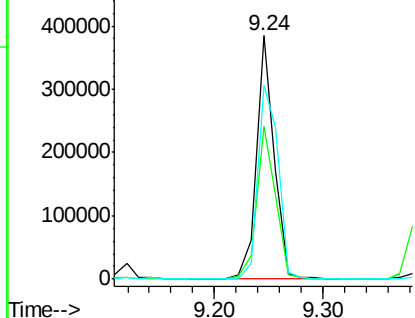


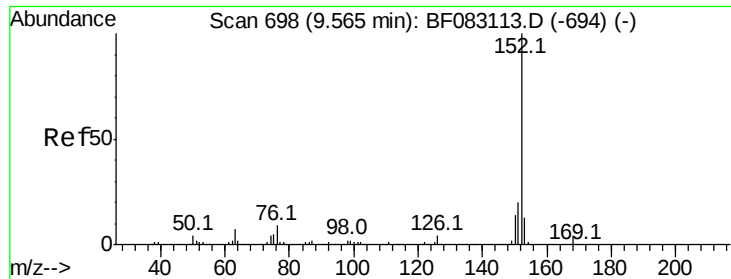
#47
2-Nitroaniline
Concen: 45.64 ng
RT: 9.24 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF083149.D
Acq: 22 Nov 2015 10:24

Tgt Ion: 65 Resp: 435630
Ion Ratio Lower Upper
65 100
92 62.9 49.5 74.3
138 79.6 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

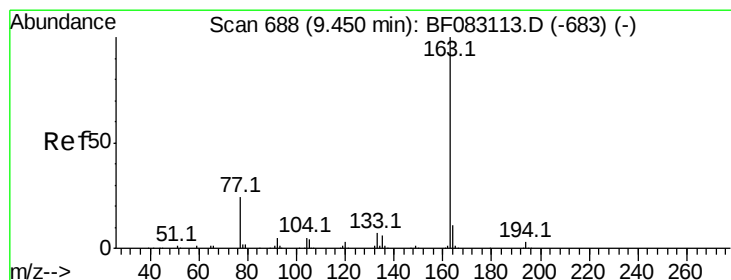
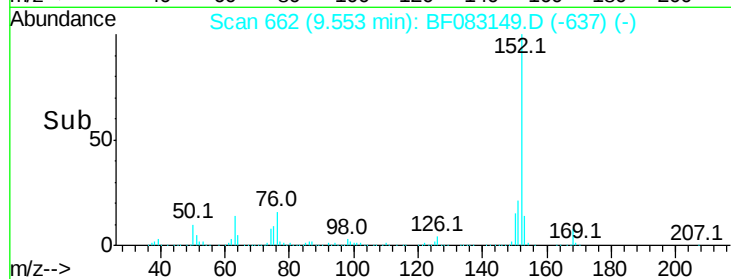
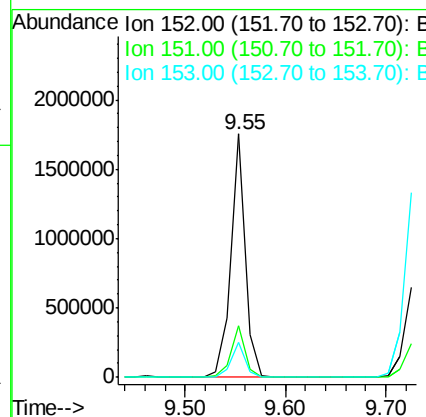
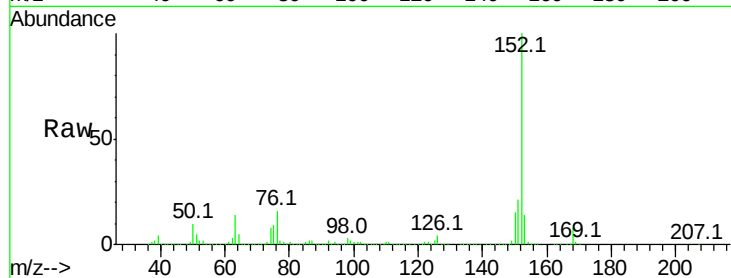




#48
Acenaphthylene
Concen: 41.88 ng
RT: 9.55 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF083149.D
Acq: 22 Nov 2015 10:24

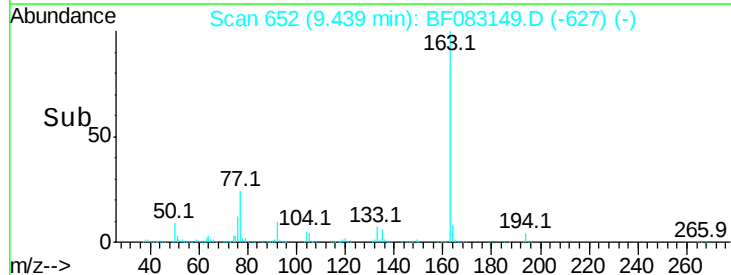
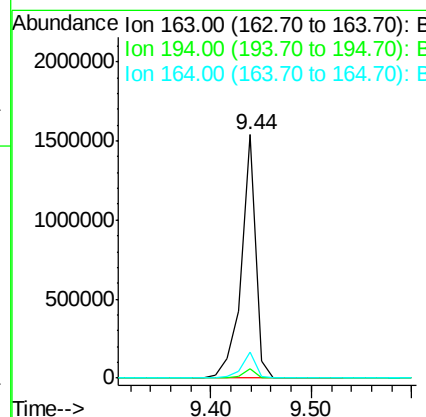
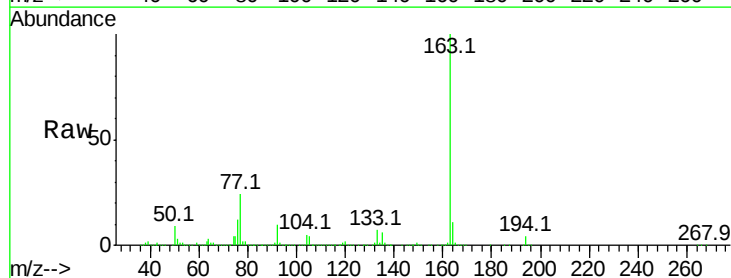
Instrument :
BNA_F
ClientSampleId :

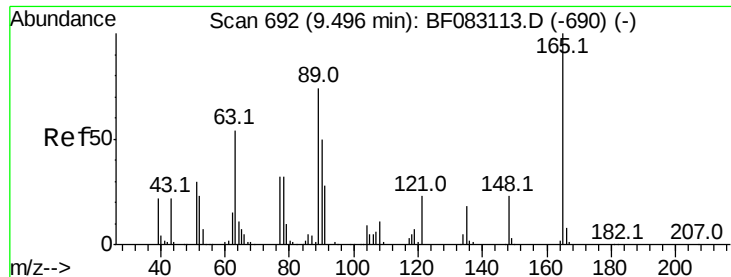
Tot Ion:152 Resp: 1751400
Ion Ratio Lower Upper
152 100
151 21.0 16.3 24.5
153 14.3 10.8 16.2



#49
Dimethylphthalate
Concen: 49.17 ng
RT: 9.44 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF083149.D
Acq: 22 Nov 2015 10:24

Tgt Ion:163 Resp: 1527790
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 10.7 8.6 12.8

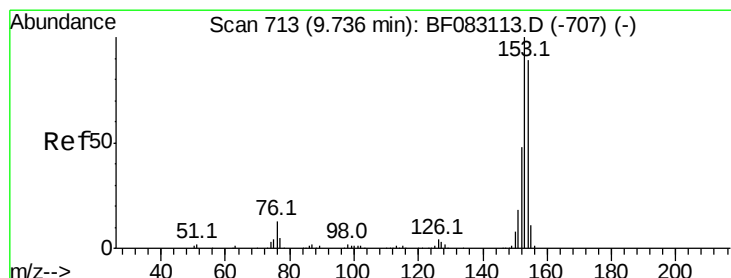
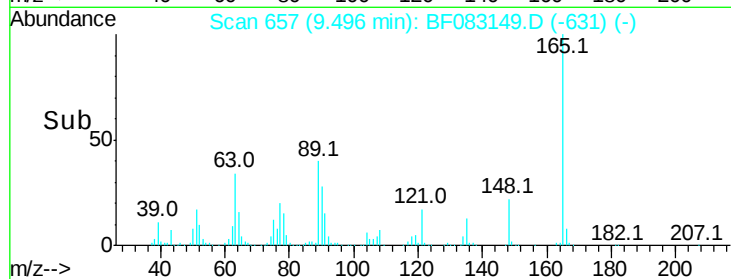
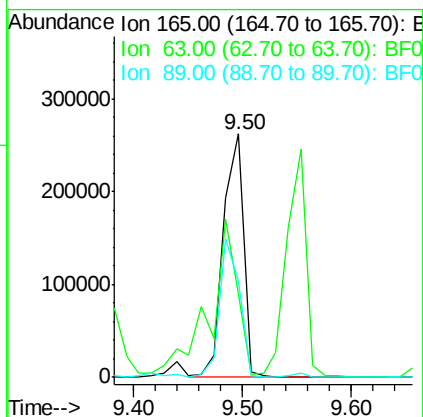
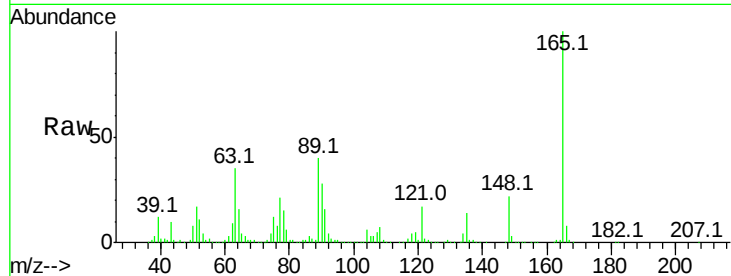




#50
2,6-Dinitrotoluene
Concen: 48.33 ng
RT: 9.50 min Scan# 657
Delta R.T. 0.00 min
Lab File: BF083149.D
Acq: 22 Nov 2015 10:24

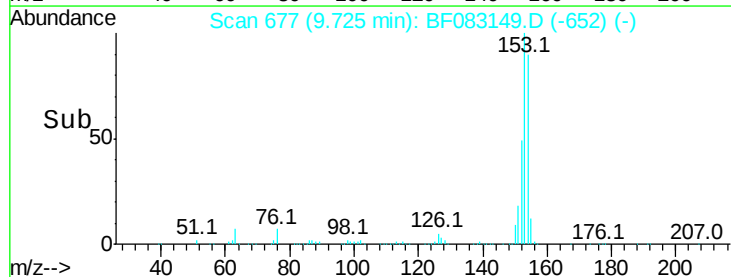
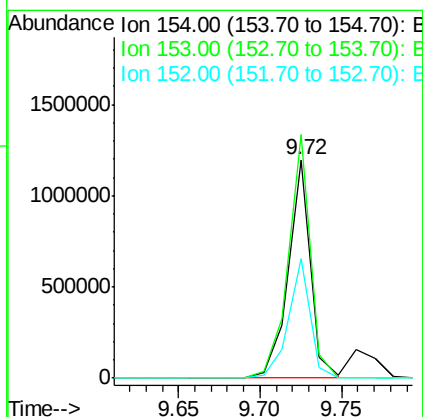
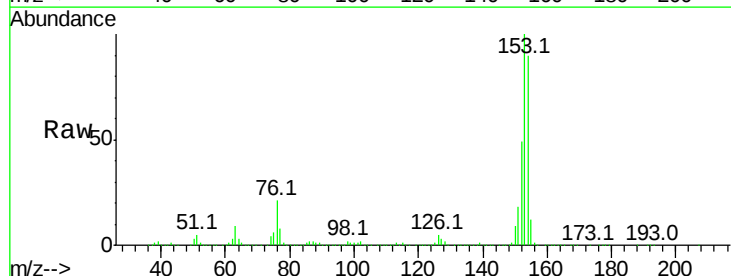
Instrument :
BNA_F
ClientSampleId :

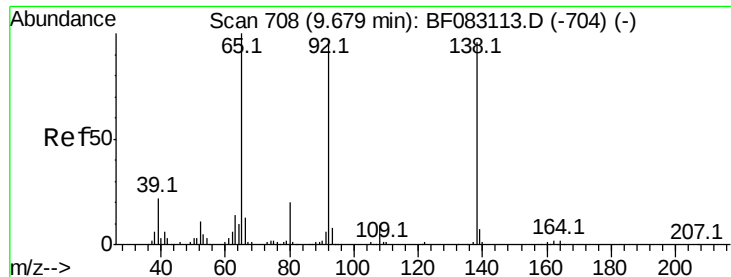
Tot Ion:165 Resp: 337011
Ion Ratio Lower Upper
165 100
63 34.5 62.5 93.7#
89 39.7 59.1 88.7#



#51
Acenaphthene
Concen: 44.53 ng
RT: 9.72 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF083149.D
Acq: 22 Nov 2015 10:24

Tgt Ion:154 Resp: 1133198
Ion Ratio Lower Upper
154 100
153 111.6 89.6 134.4
152 54.6 43.3 64.9





#52

3-Nitroaniline

Concen: 6.75 ng

RT: 9.66 min Scan# 671

Delta R.T. -0.02 min

Lab File: BF083149.D

Acq: 22 Nov 2015 10:24

Instrument :

BNA_F

ClientSampled :

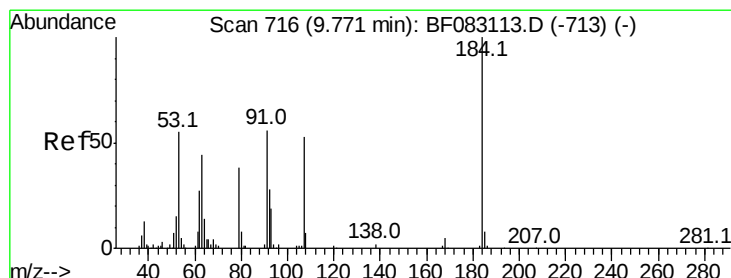
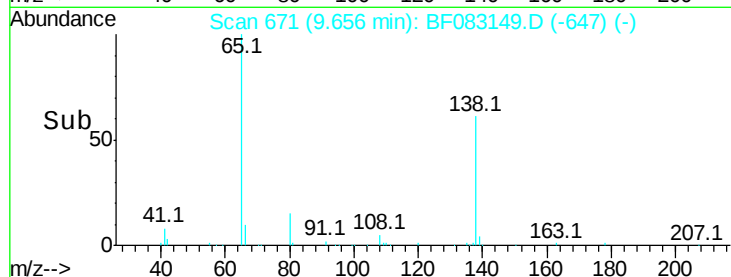
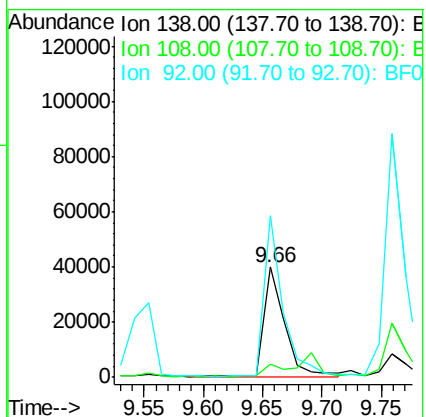
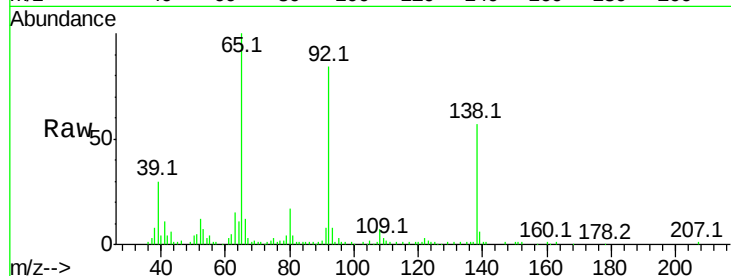
Tot Ion:138 Resp: 50164

Ion Ratio Lower Upper

138 100

108 12.2 7.8 11.6#

92 147.5 81.1 121.7#



#53

2,4-Dinitrophenol

Concen: 87.98 ng

RT: 9.76 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF083149.D

Acq: 22 Nov 2015 10:24

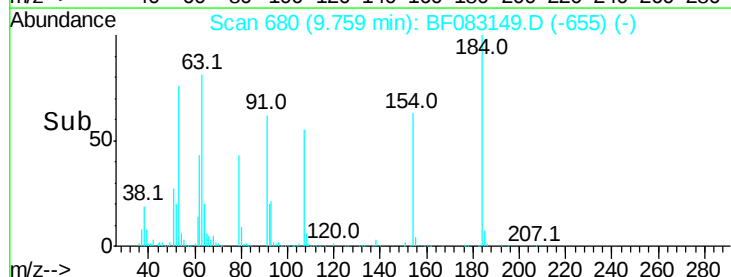
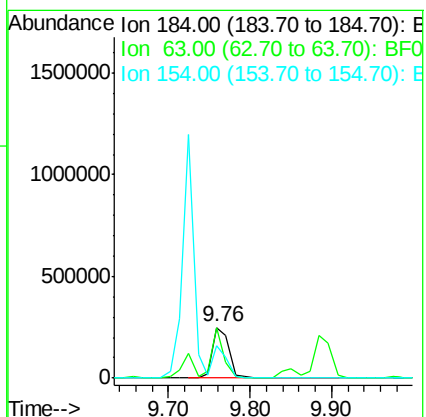
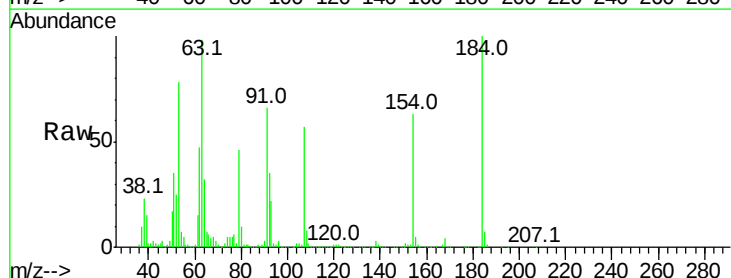
Tgt Ion:184 Resp: 353400

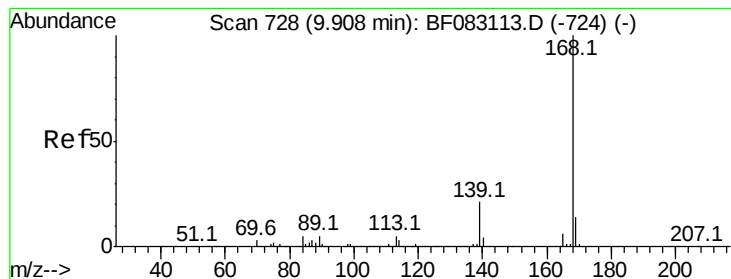
Ion Ratio Lower Upper

184 100

63 97.8 60.5 90.7#

154 63.1 54.3 81.5





#54

Dibenzofuran

Concen: 44.05 ng

RT: 9.90 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF083149.D

Acq: 22 Nov 2015 10:24

Instrument :

BNA_F

ClientSampleId :

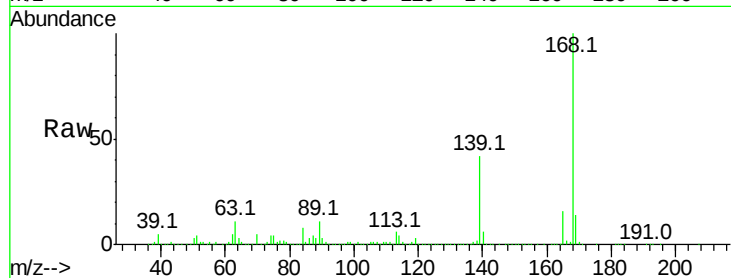
Tot Ion:168 Resp: 1585098

Ion Ratio Lower Upper

168 100

139 41.5 30.2 45.2

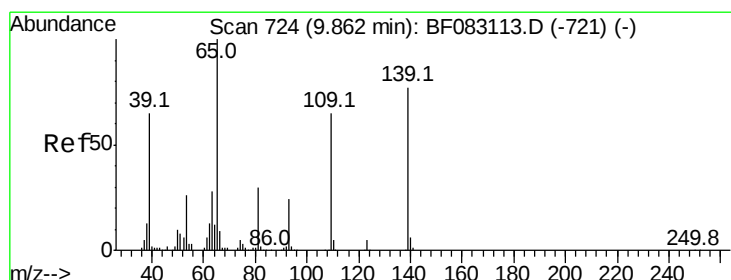
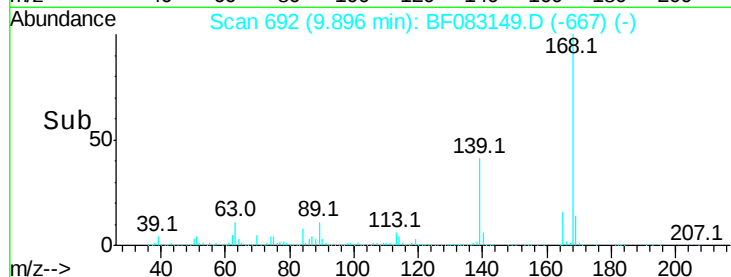
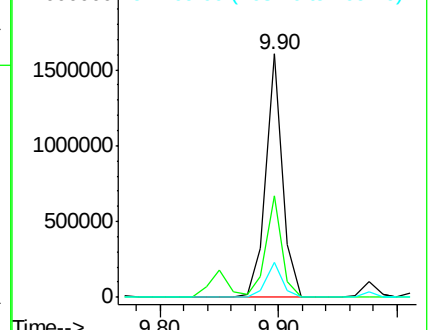
169 14.2 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 36.95 ng

RT: 9.85 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF083149.D

Acq: 22 Nov 2015 10:24

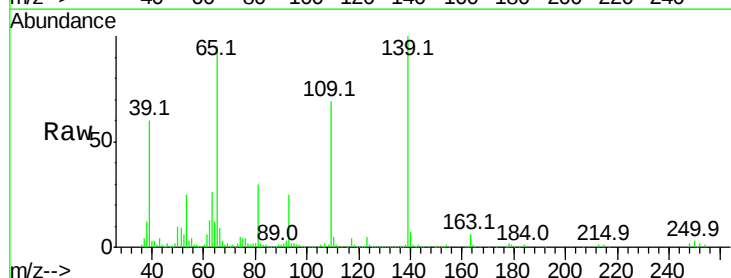
Tgt Ion:139 Resp: 210630

Ion Ratio Lower Upper

139 100

109 68.5 64.0 104.0

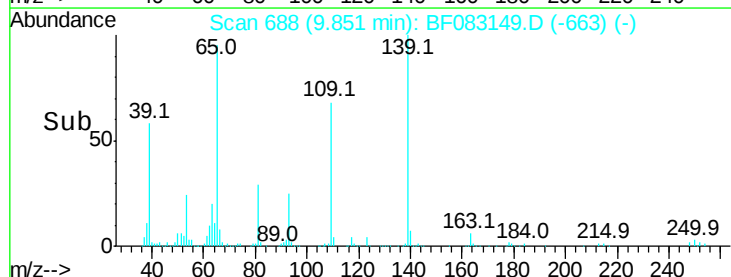
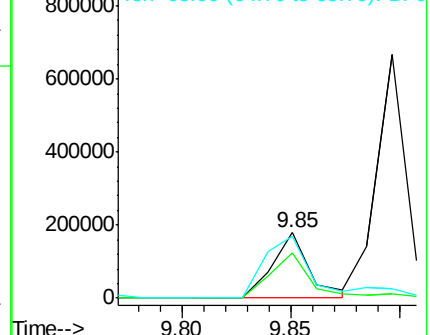
65 95.0 109.5 149.5#

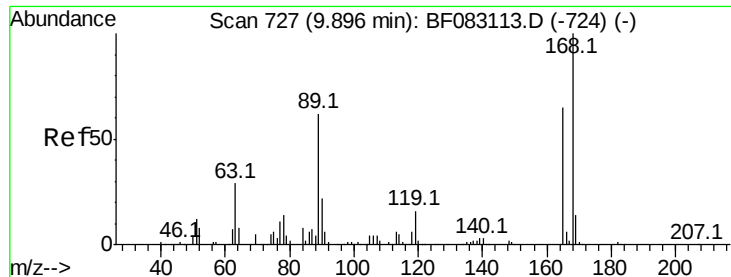


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

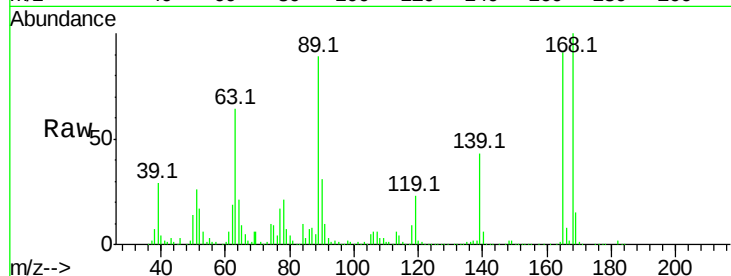




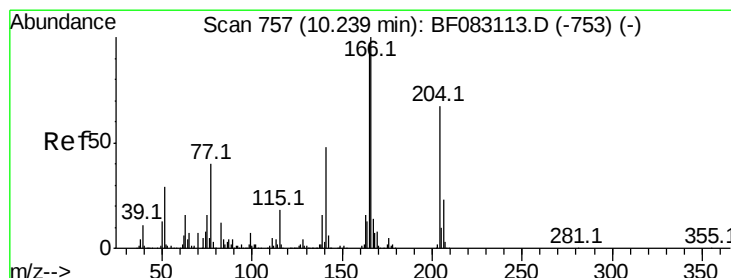
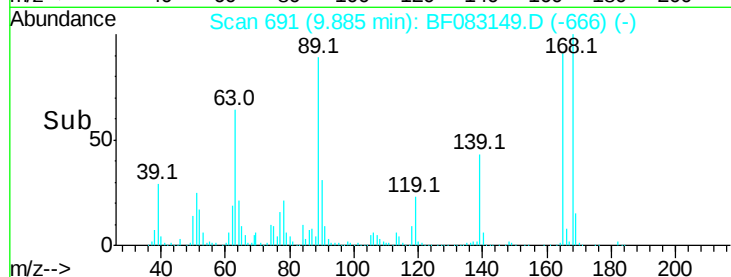
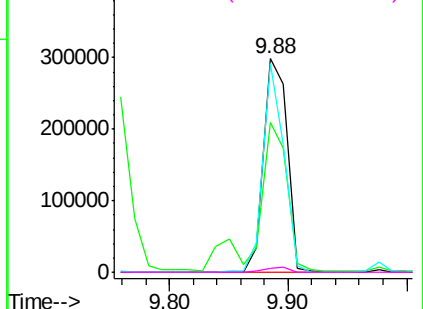
#56
2,4-Dinitrotoluene
Concen: 46.76 ng
RT: 9.88 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF083149.D
Acq: 22 Nov 2015 10:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 413057
Ion Ratio Lower Upper
165 100
63 70.4 54.5 81.7
89 97.7 77.3 115.9
182 2.1 1.8 2.6

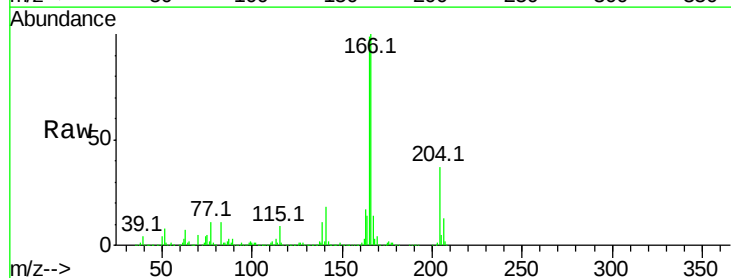


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

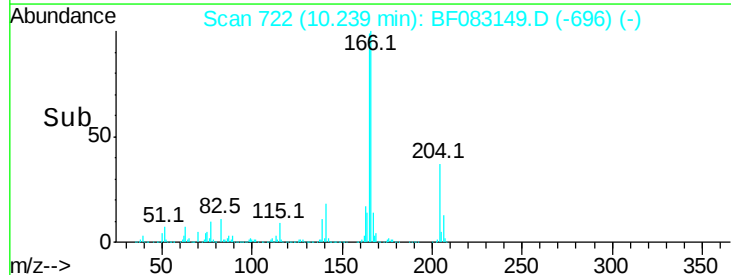
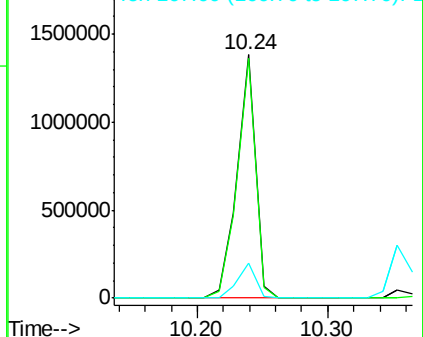


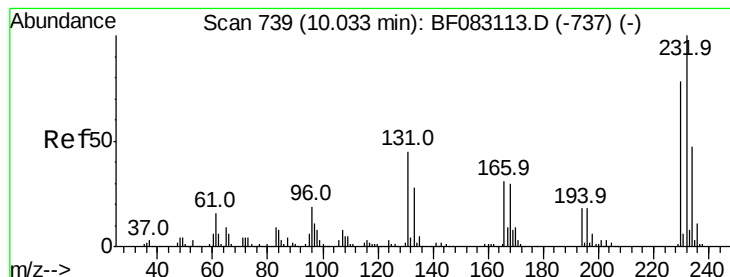
#57
Fluorene
Concen: 45.68 ng
RT: 10.24 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF083149.D
Acq: 22 Nov 2015 10:24

Tgt Ion:166 Resp: 1358245
Ion Ratio Lower Upper
166 100
165 98.6 78.0 117.0
167 14.2 11.3 16.9



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





#58

2,3,4,6-Tetrachlorophenol

Concen: 47.90 ng

RT: 10.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF083149.D

Acq: 22 Nov 2015 10:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 376385

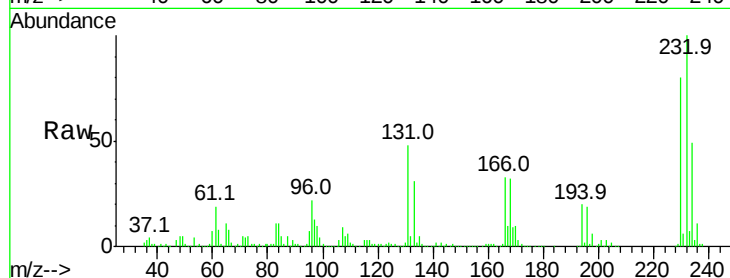
Ion Ratio Lower Upper

232 100

131 48.2 38.6 57.8

130 2.4 1.9 2.9

166 32.4 25.4 38.0

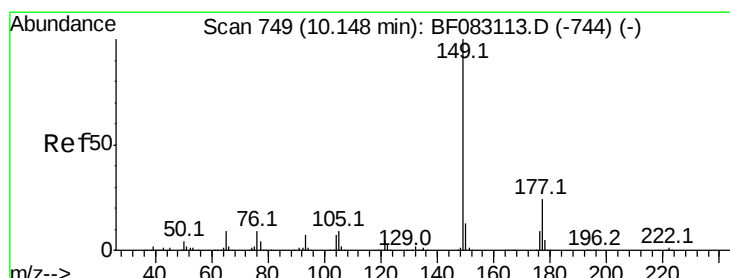
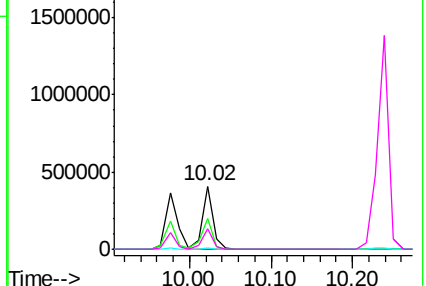
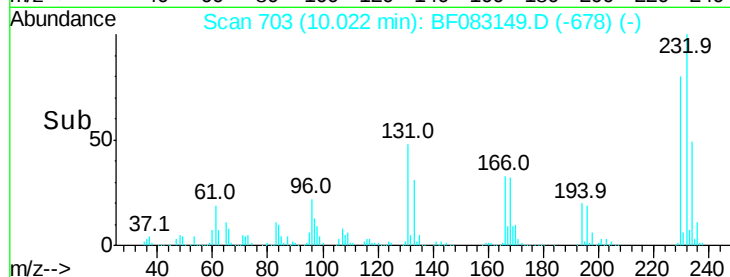


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59

Diethylphthalate

Concen: 47.72 ng

RT: 10.14 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF083149.D

Acq: 22 Nov 2015 10:24

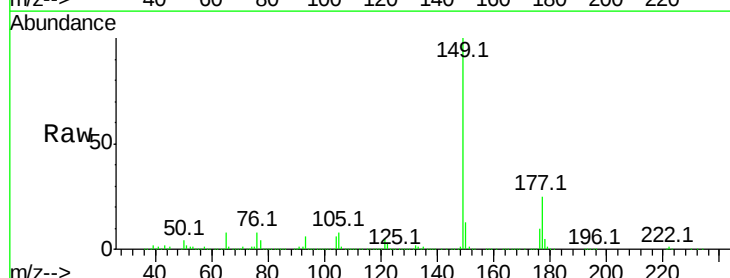
Tgt Ion:149 Resp: 1476163

Ion Ratio Lower Upper

149 100

177 24.9 19.4 29.2

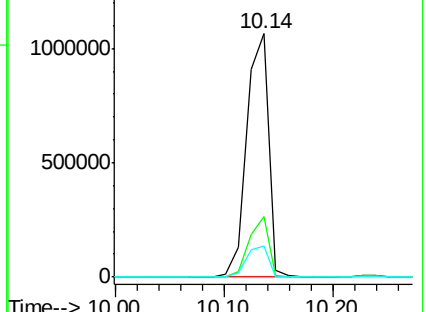
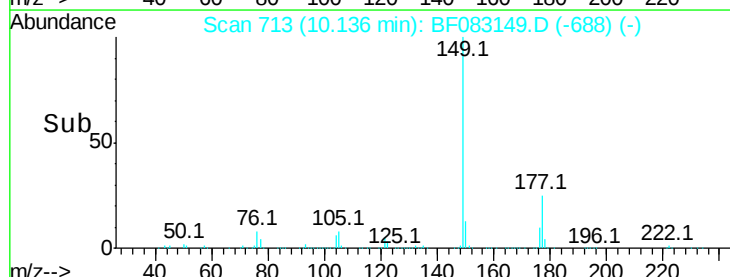
150 12.6 10.2 15.2

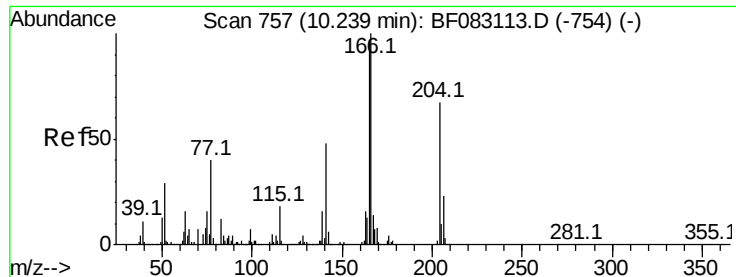


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#60

4-Chlorophenyl-phenylether

Concen: 45.25 ng

RT: 10.24 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF083149.D

Acq: 22 Nov 2015 10:24

Instrument :

BNA_F

ClientSampleId :

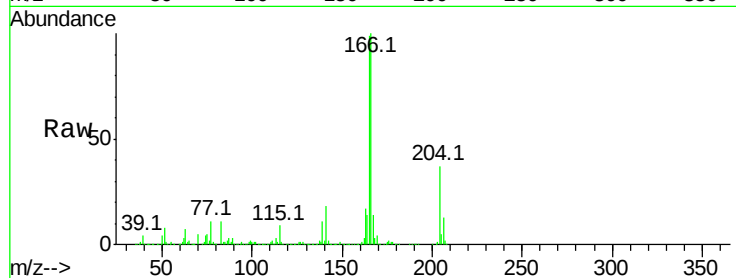
Tot Ion:204 Resp: 616335

Ion Ratio Lower Upper

204 100

206 34.4 27.4 41.0

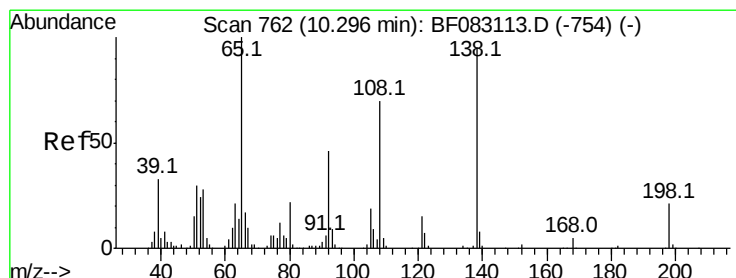
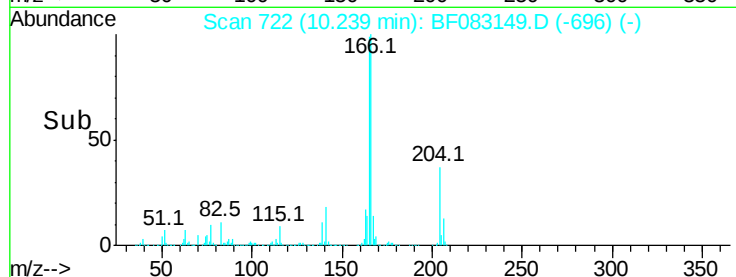
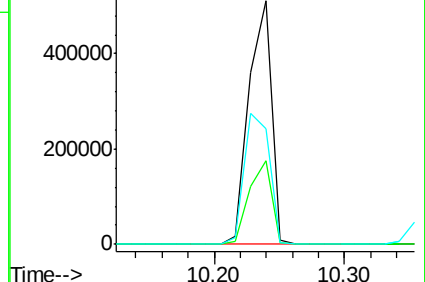
141 47.7 57.4 86.2#



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: 17.15 ng

RT: 10.27 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF083149.D

Acq: 22 Nov 2015 10:24

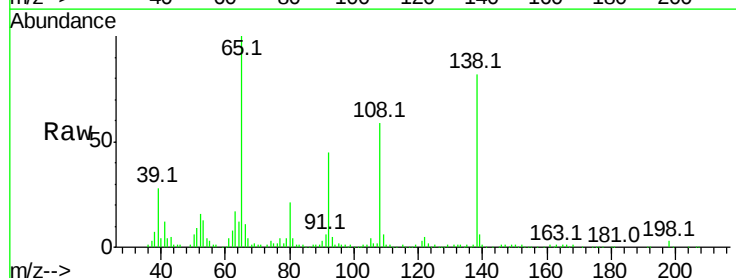
Tgt Ion:138 Resp: 125542

Ion Ratio Lower Upper

138 100

92 54.4 28.4 68.4

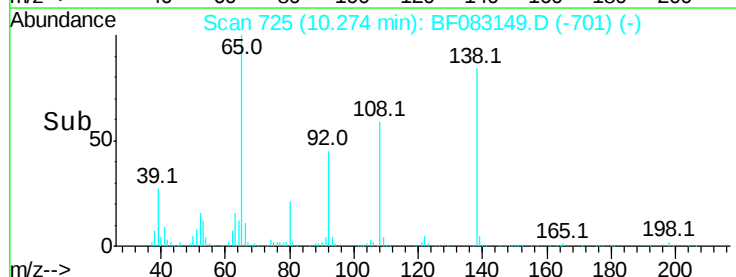
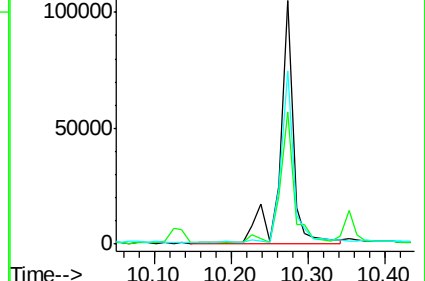
108 71.1 53.5 93.5

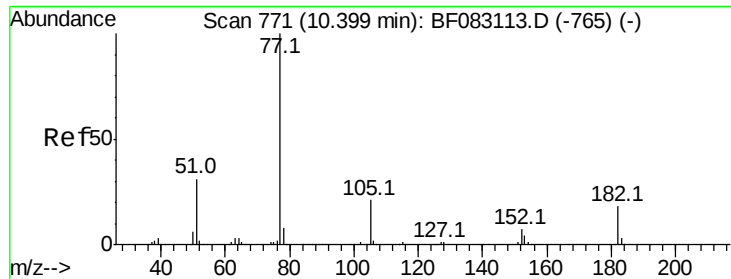


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E

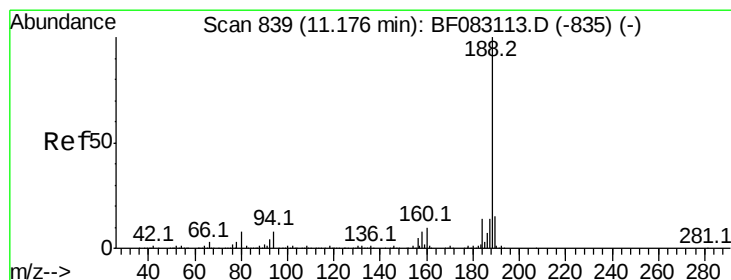
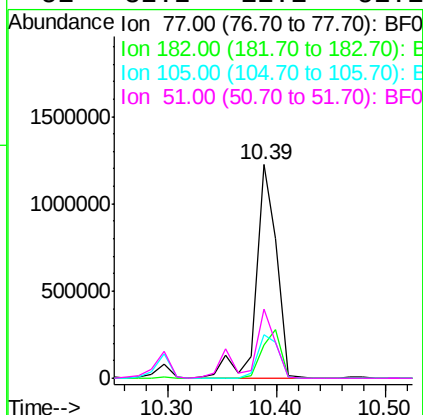
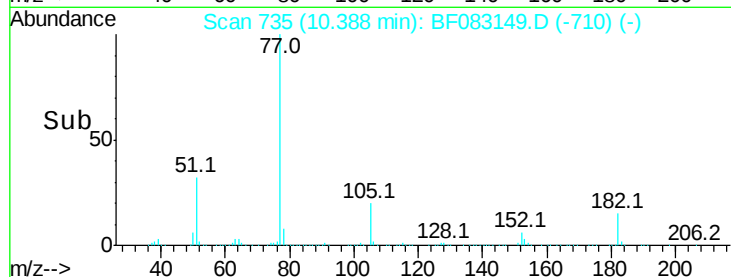
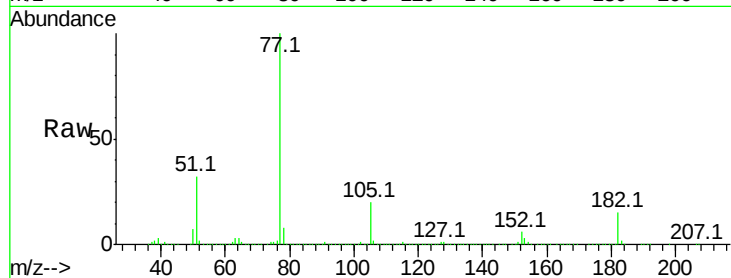




#62
Azobenzene
Concen: 45.47 ng
RT: 10.39 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF083149.D
Acq: 22 Nov 2015 10:24

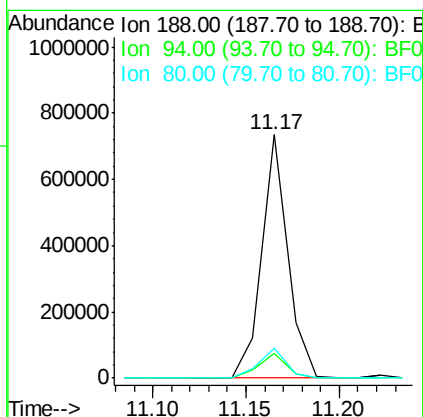
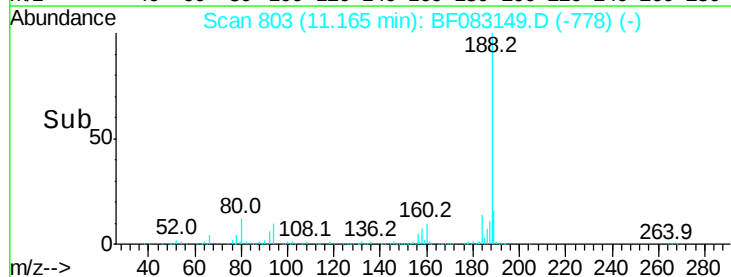
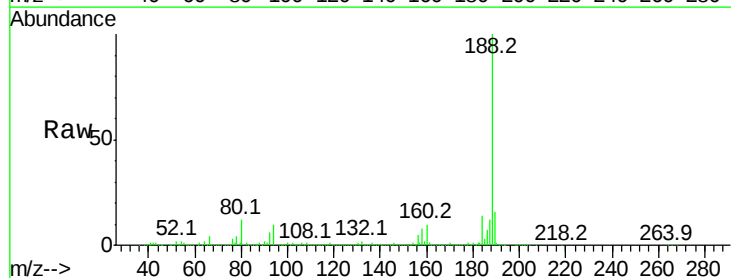
Instrument :
BNA_F
ClientSampleId :

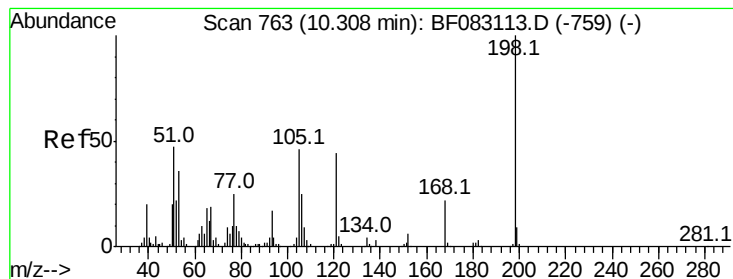
Tot Ion: 77 Resp: 1605270
Ion Ratio Lower Upper
77 100
182 15.4 0.0 38.3
105 20.3 1.2 41.2
51 32.2 11.1 51.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF083149.D
Acq: 22 Nov 2015 10:24

Tgt Ion: 188 Resp: 707143
Ion Ratio Lower Upper
188 100
94 10.4 6.0 9.0#
80 12.1 6.7 10.1#





#64

4,6-Dinitro-2-methylphenol

Concen: 50.79 ng

RT: 10.30 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF083149.D

Acq: 22 Nov 2015 10:24

Instrument :

BNA_F

ClientSampled :

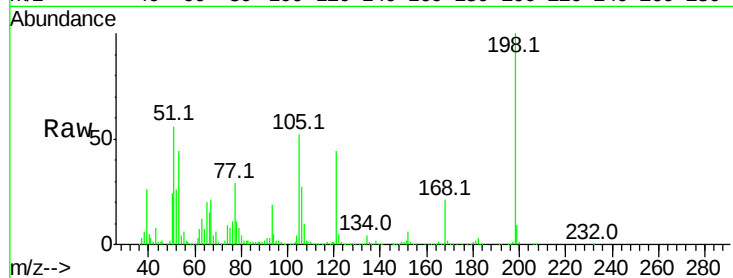
Tot Ion:198 Resp: 247459

Ion Ratio Lower Upper

198 100

51 56.3 27.0 67.0

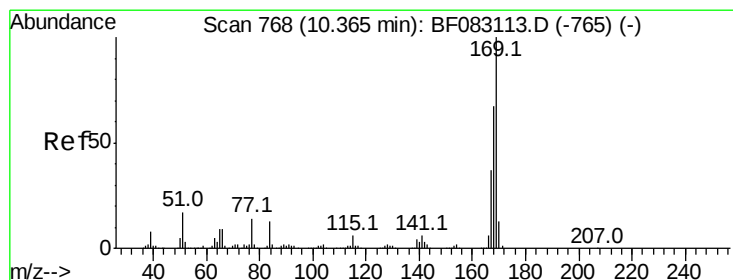
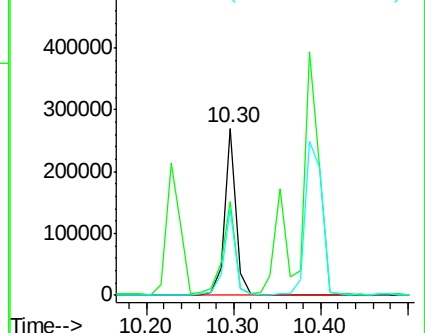
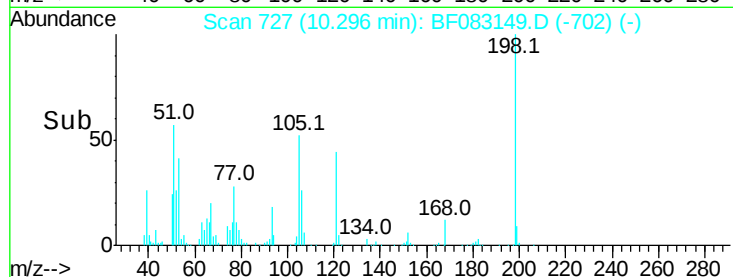
105 51.9 26.1 66.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 37.27 ng

RT: 10.35 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF083149.D

Acq: 22 Nov 2015 10:24

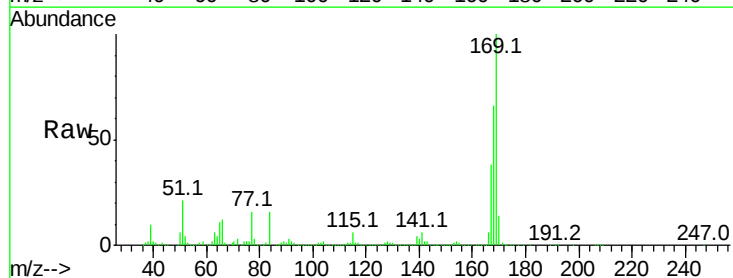
Tgt Ion:169 Resp: 896269

Ion Ratio Lower Upper

169 100

168 66.2 53.8 80.6

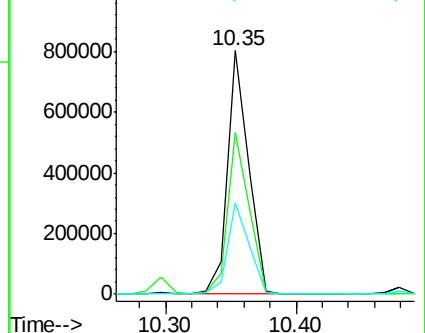
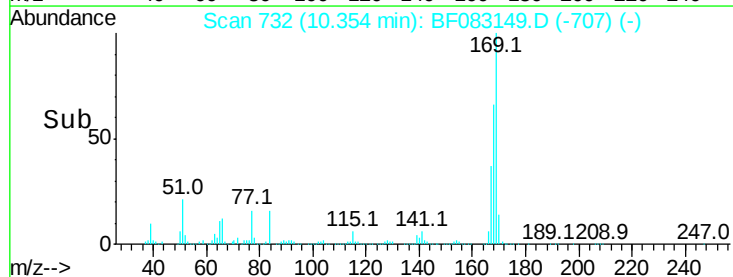
167 37.5 29.8 44.8

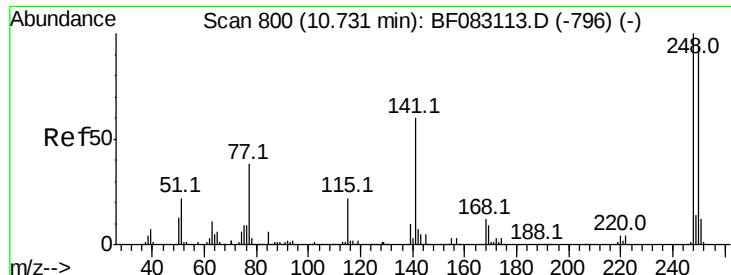


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

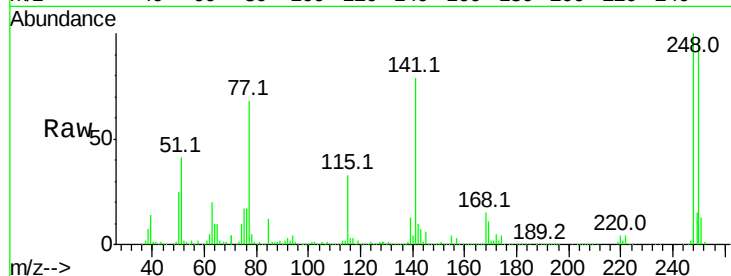




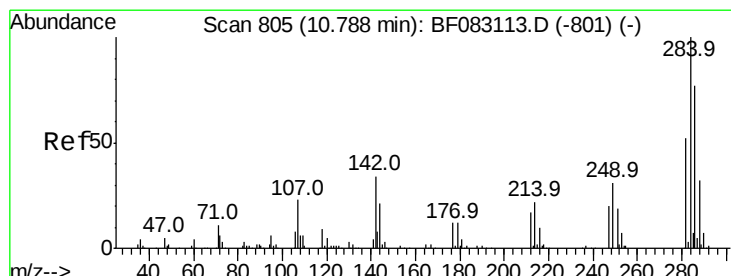
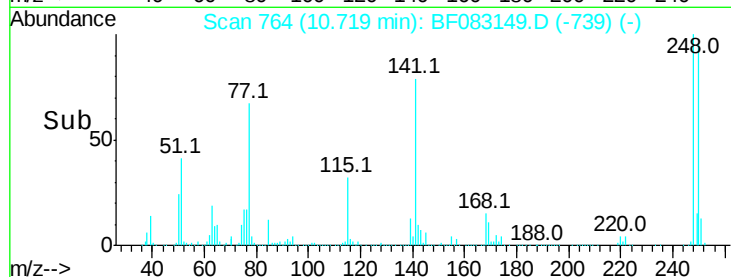
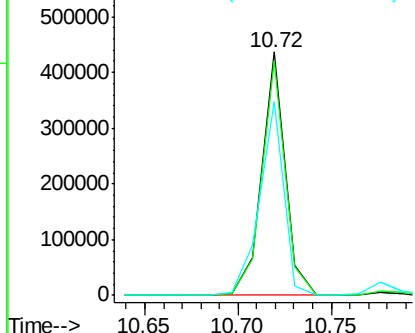
#66
4-Bromophenyl-phenylether
Concen: 49.17 ng
RT: 10.72 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF083149.D
Acq: 22 Nov 2015 10:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 385858
Ion Ratio Lower Upper
248 100
250 96.4 75.4 113.2
141 79.5 48.1 72.1#

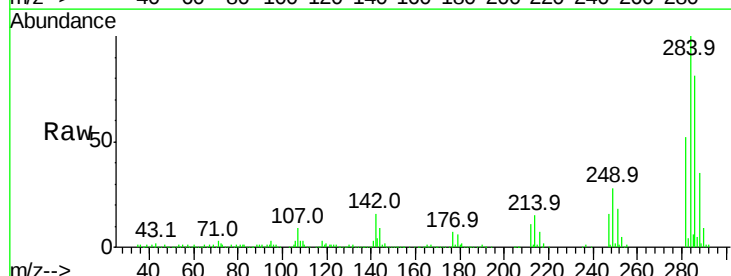


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

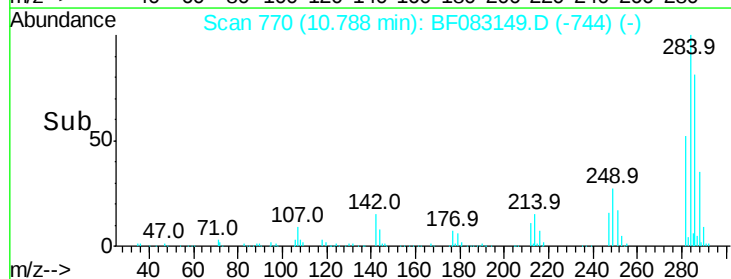
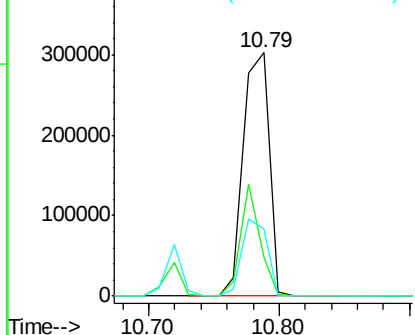


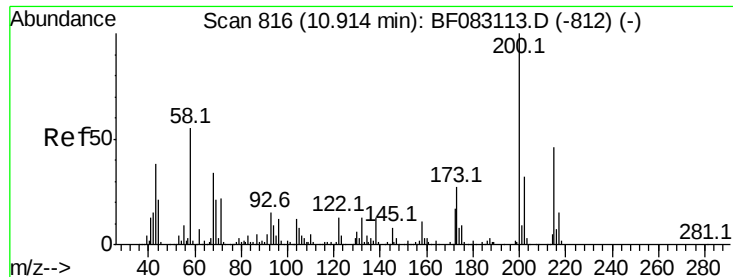
#67
Hexachlorobenzene
Concen: 48.43 ng
RT: 10.79 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF083149.D
Acq: 22 Nov 2015 10:24

Tgt Ion:284 Resp: 418515
Ion Ratio Lower Upper
284 100
142 16.0 27.6 41.4#
249 27.6 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

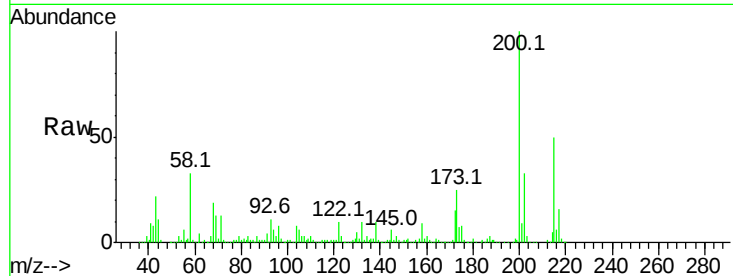




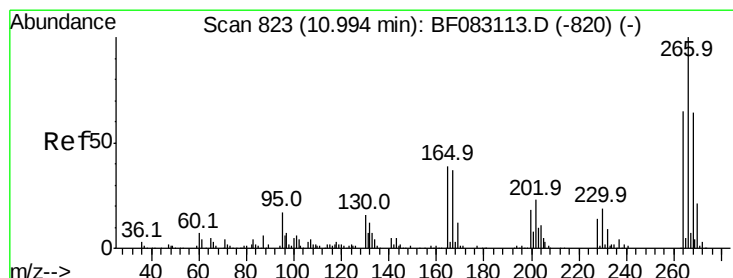
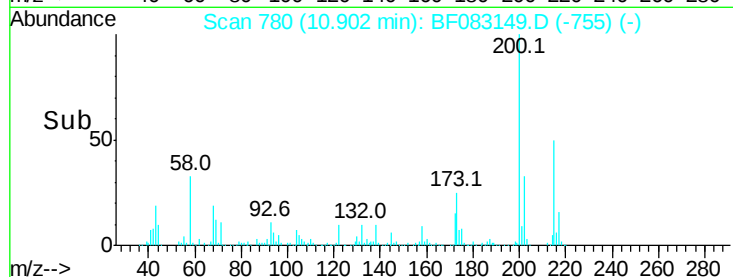
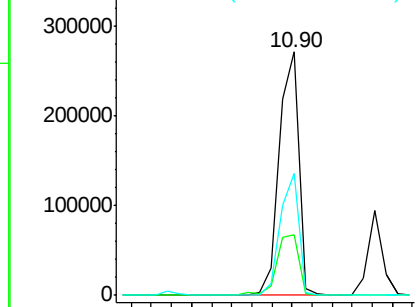
#68
Atrazine
Concen: 52.63 ng
RT: 10.90 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF083149.D
Acq: 22 Nov 2015 10:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.8	7.2	47.2
215	50.0	25.7	65.7

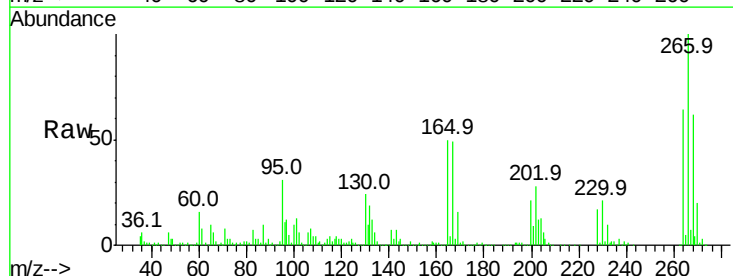


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

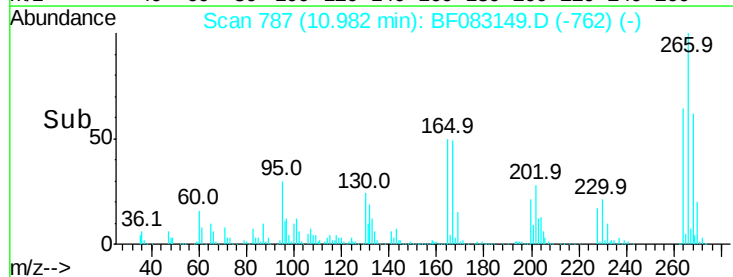
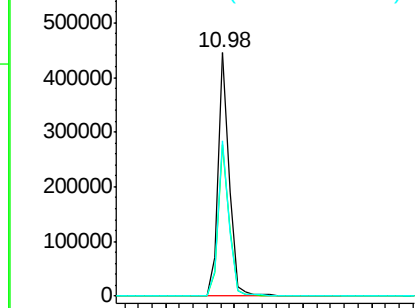


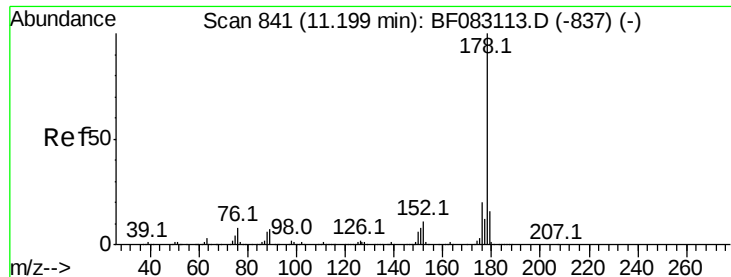
#69
Pentachlorophenol
Concen: 91.17 ng
RT: 10.98 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF083149.D
Acq: 22 Nov 2015 10:24

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.2	51.4	77.0
264	63.9	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: 45.66 ng

RT: 11.19 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF083149.D

Acq: 22 Nov 2015 10:24

Instrument :

BNA_F

ClientSampleId :

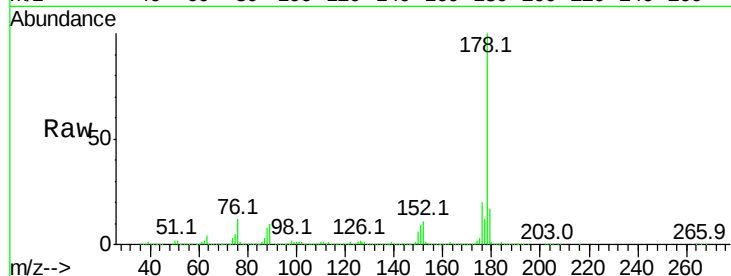
Tot Ion:178 Resp: 1860192

Ion Ratio Lower Upper

178 100

176 20.2 16.2 24.2

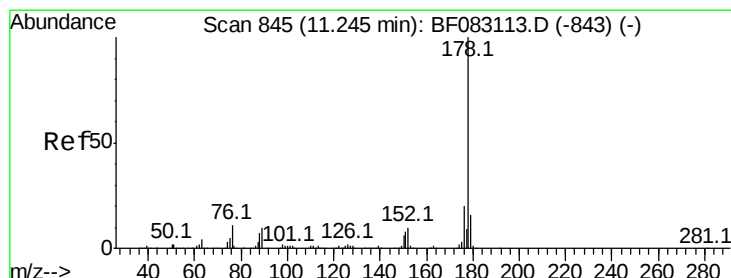
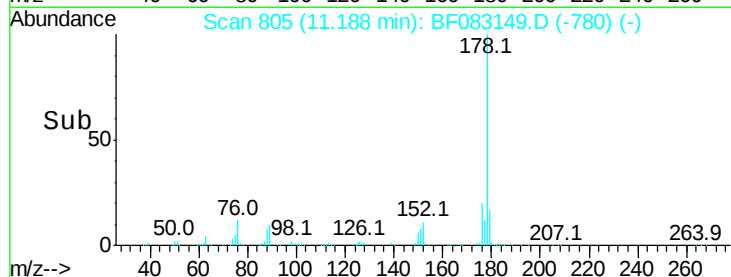
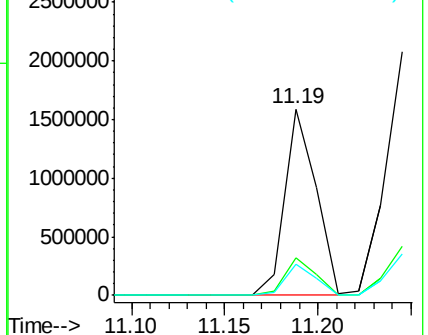
179 16.6 12.8 19.2



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: 49.30 ng

RT: 11.25 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF083149.D

Acq: 22 Nov 2015 10:24

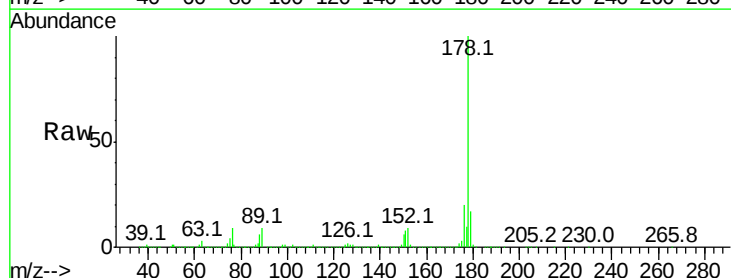
Tgt Ion:178 Resp: 2049107

Ion Ratio Lower Upper

178 100

176 20.3 15.6 23.4

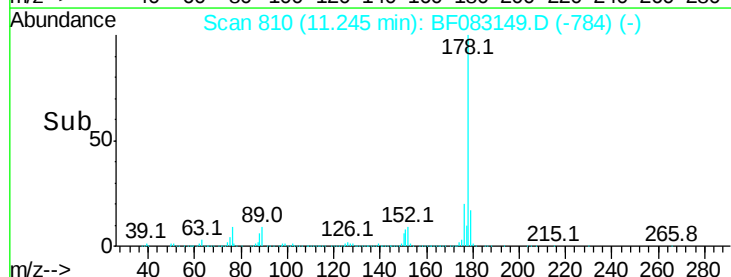
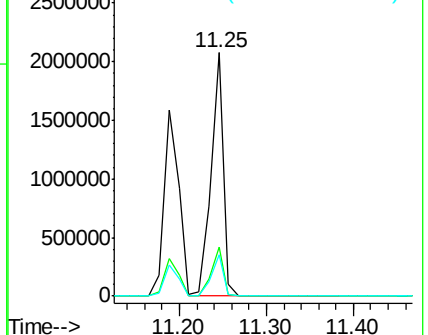
179 17.0 13.2 19.8

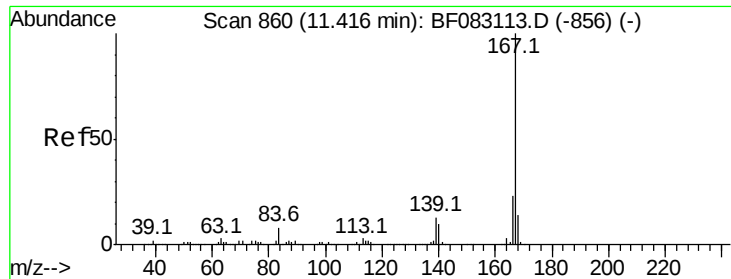


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 47.17 ng

RT: 11.41 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF083149.D

Acq: 22 Nov 2015 10:24

Instrument :

BNA_F

ClientSampled :

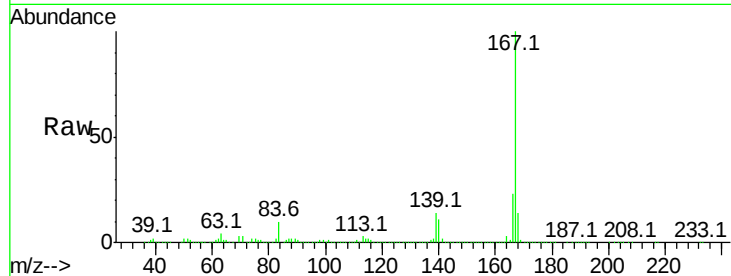
Tot Ion:167 Resp: 1742734

Ion Ratio Lower Upper

167 100

166 23.0 18.0 27.0

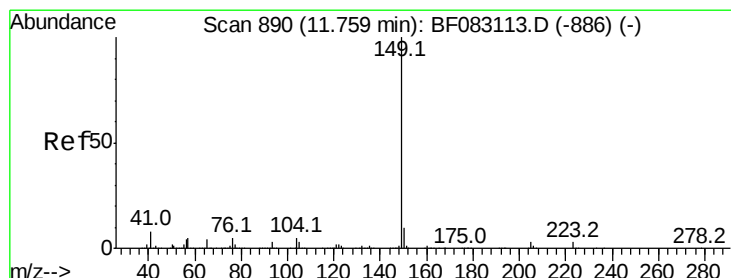
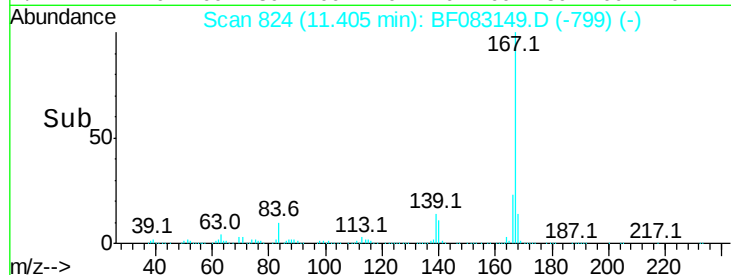
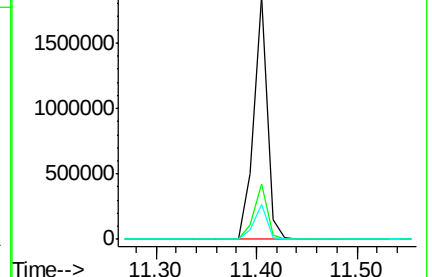
139 14.1 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 50.57 ng

RT: 11.75 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF083149.D

Acq: 22 Nov 2015 10:24

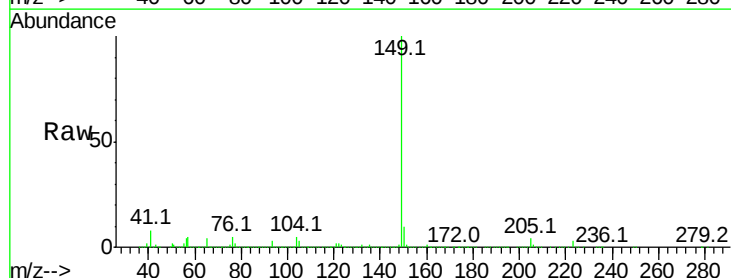
Tgt Ion:149 Resp: 2280401

Ion Ratio Lower Upper

149 100

150 9.9 8.0 12.0

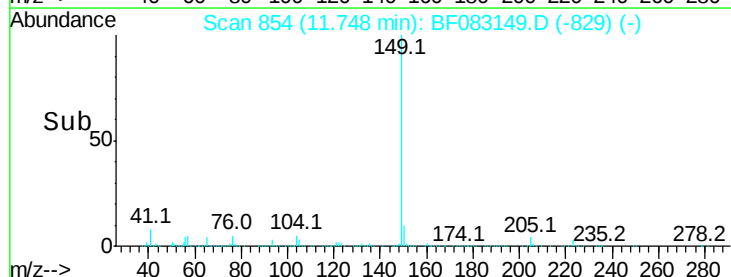
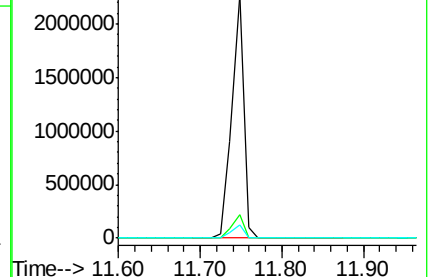
104 5.2 4.4 6.6

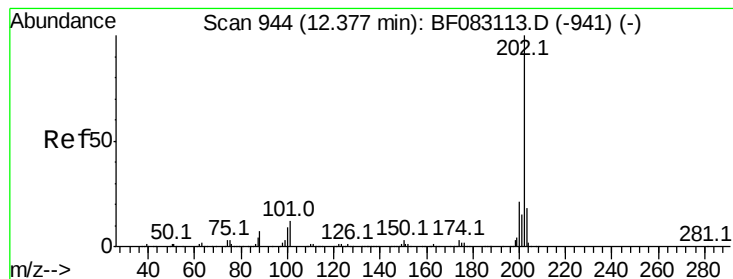


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 48.10 ng

RT: 12.38 min Scan# 909

Delta R.T. 0.00 min

Lab File: BF083149.D

Acq: 22 Nov 2015 10:24

Instrument :

BNA_F

ClientSampleId :

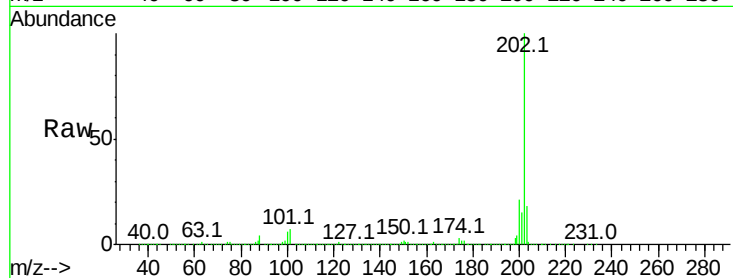
Tot Ion:202 Resp: 2005465

Ion Ratio Lower Upper

202 100

101 6.9 0.0 32.3

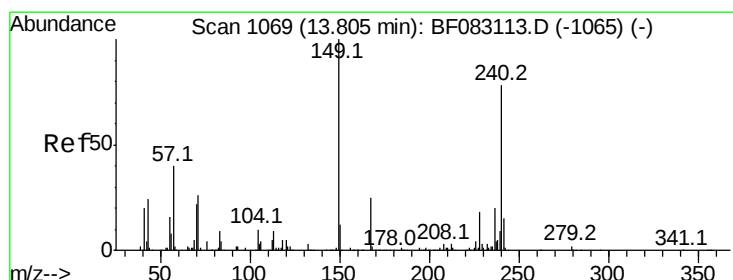
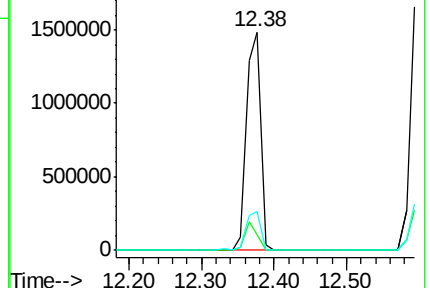
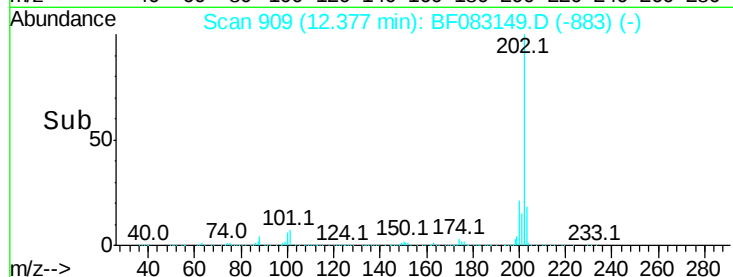
203 17.7 0.0 38.4



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: BF083149.D

Acq: 22 Nov 2015 10:24

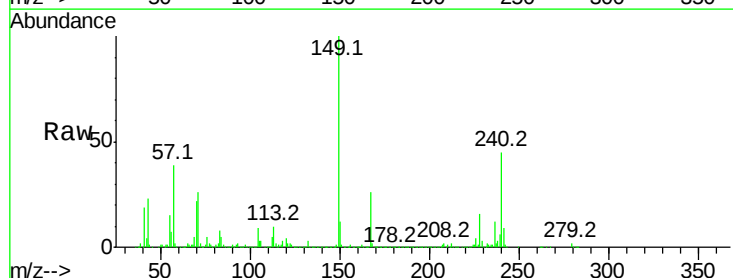
Tgt Ion:240 Resp: 548541

Ion Ratio Lower Upper

240 100

120 8.2 5.4 8.2#

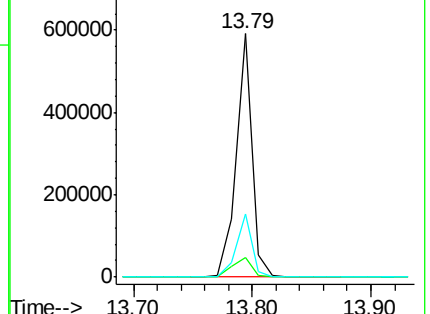
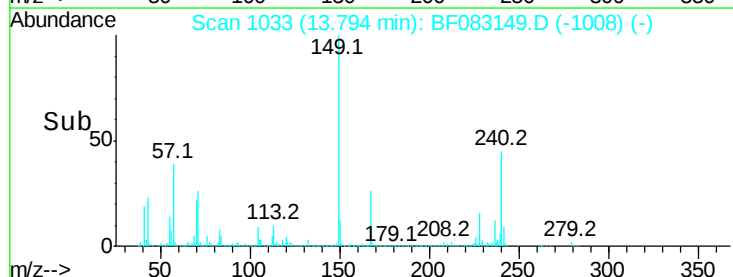
236 26.1 20.6 31.0

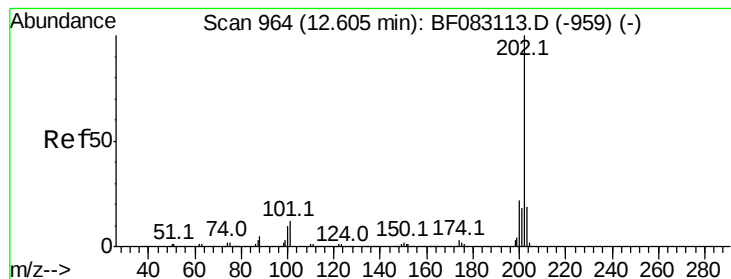


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 50.12 ng

RT: 12.59 min Scan# 928

Delta R.T. -0.01 min

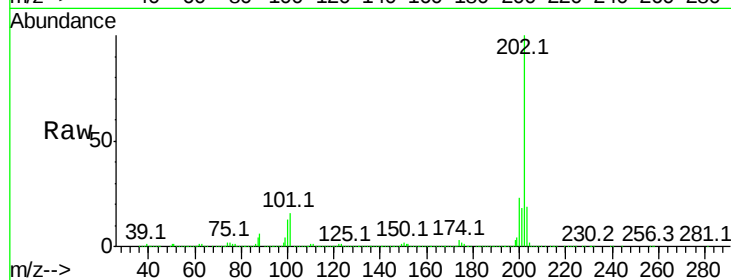
Lab File: BF083149.D

Acq: 22 Nov 2015 10:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1878153

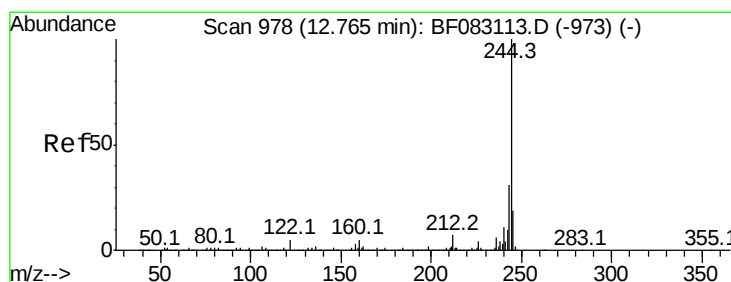
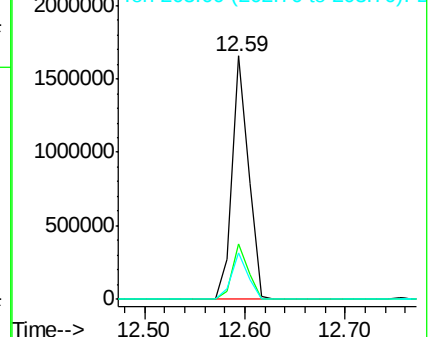
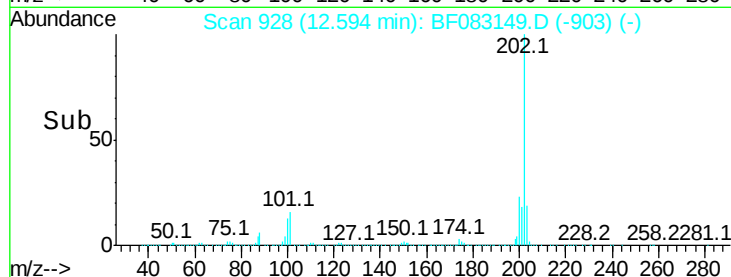
Ion	Ratio	Lower	Upper
202	100		
200	22.9	17.8	26.6
203	19.3	15.0	22.4



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: 93.77 ng

RT: 12.75 min Scan# 942

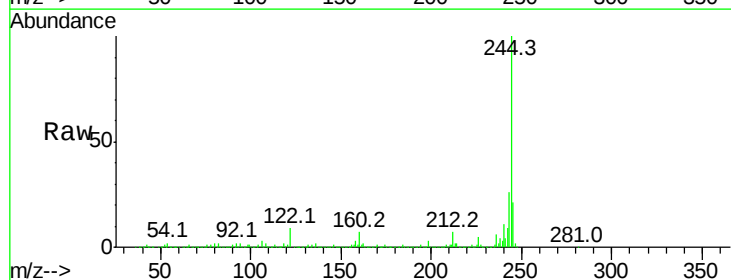
Delta R.T. -0.01 min

Lab File: BF083149.D

Acq: 22 Nov 2015 10:24

Tgt Ion:244 Resp: 2184314

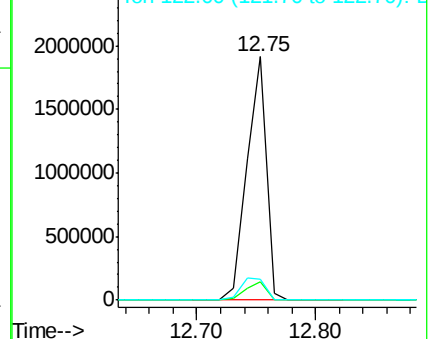
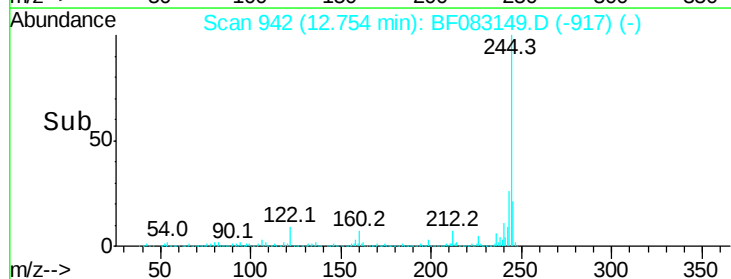
Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.2
122	8.8	4.3	6.5#

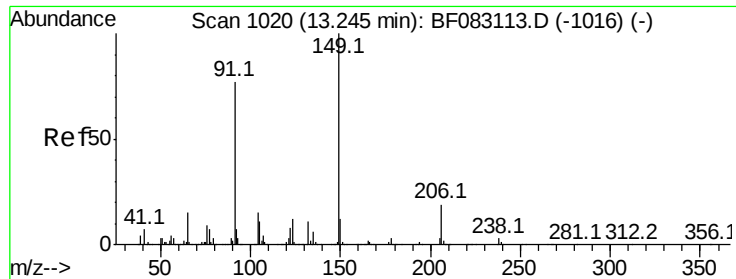


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

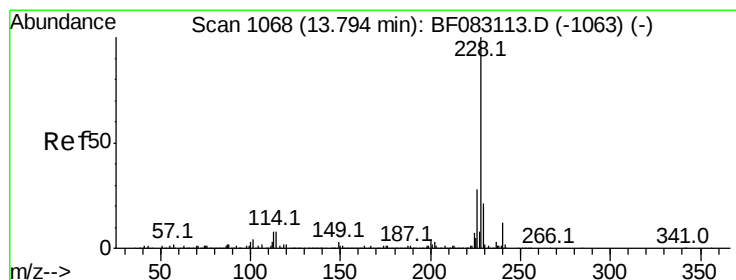
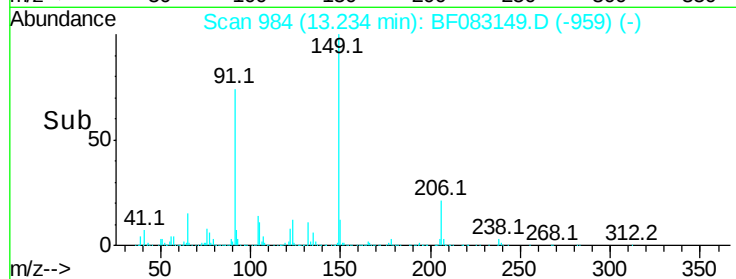
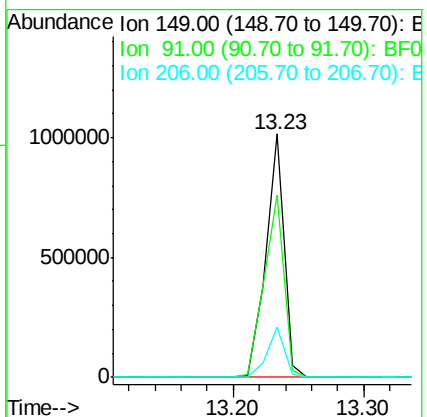
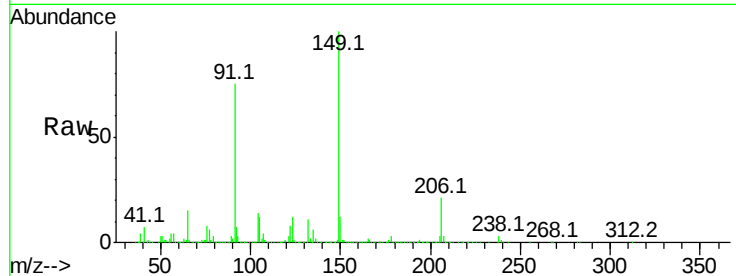




#79
Butylbenzylphthalate
Concen: 56.36 ng
RT: 13.23 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF083149.D
Acq: 22 Nov 2015 10:24

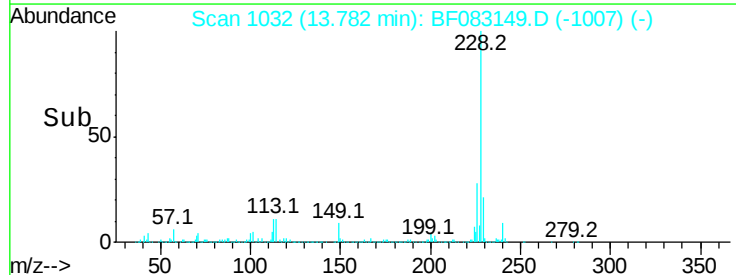
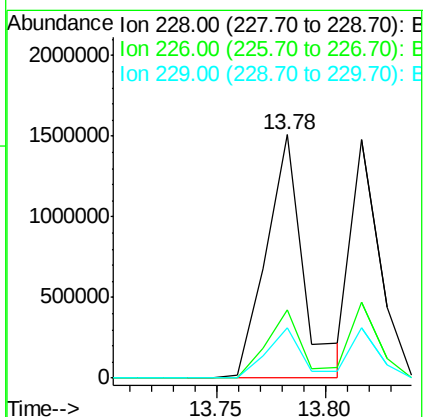
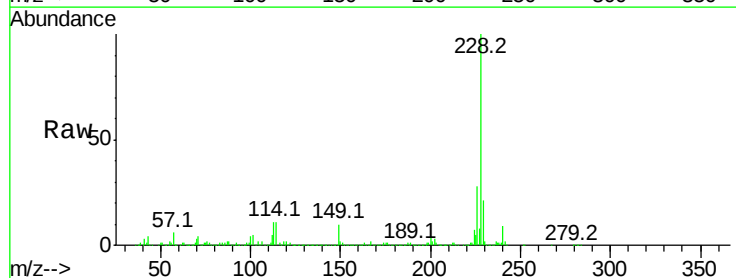
Instrument :
BNA_F
ClientSampleId :

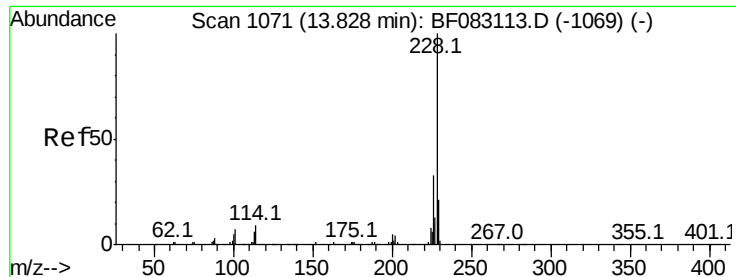
Tot Ion	Ratio	Lower	Upper
149	100		
91	74.7	61.5	92.3
206	20.7	15.3	22.9



#80
Benzo(a)anthracene
Concen: 53.14 ng
RT: 13.78 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF083149.D
Acq: 22 Nov 2015 10:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	20.6	16.6	24.8





#82

Chrysene

Concen: 42.79 ng

RT: 13.82 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF083149.D

Acq: 22 Nov 2015 10:24

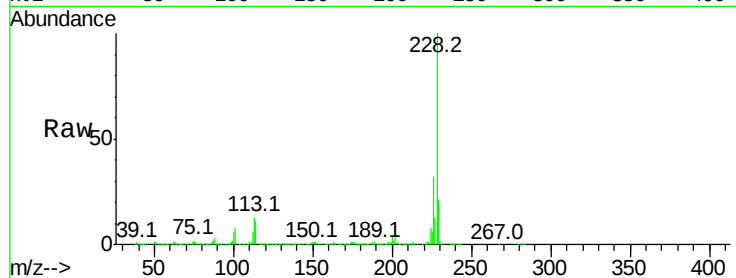
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1346365

Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.5	38.3
229	21.0	16.6	25.0



Abundance

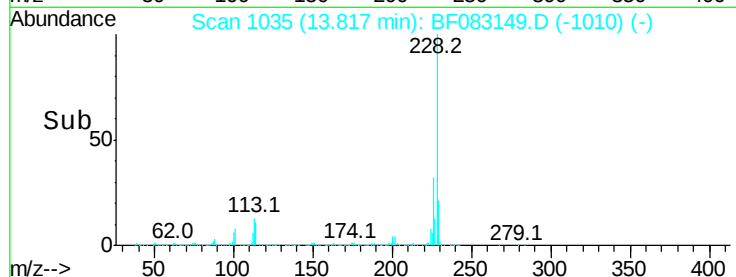
Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

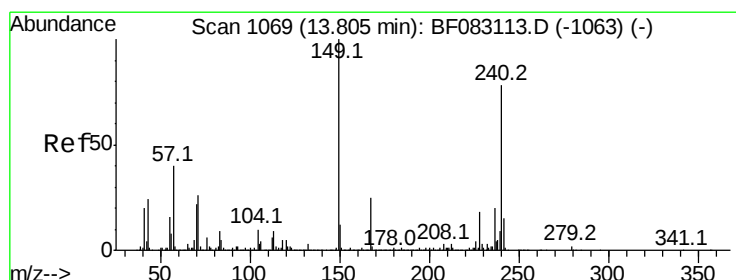
Ion 229.00 (228.70 to 229.70): E

13.82

Time-->



Time-->



#83

Bis(2-ethylhexyl)phthalate

Concen: 54.62 ng

RT: 13.79 min Scan# 1033

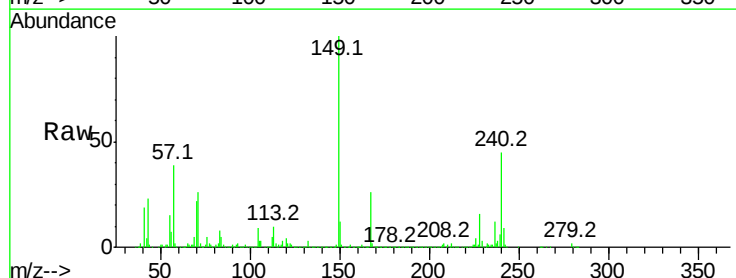
Delta R.T. -0.01 min

Lab File: BF083149.D

Acq: 22 Nov 2015 10:24

Tgt Ion:149 Resp: 1265346

Ion	Ratio	Lower	Upper
149	100		
167	26.2	20.1	30.1
279	2.5	1.7	2.5



Abundance

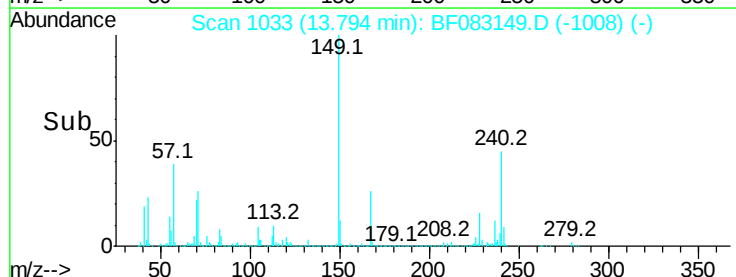
Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

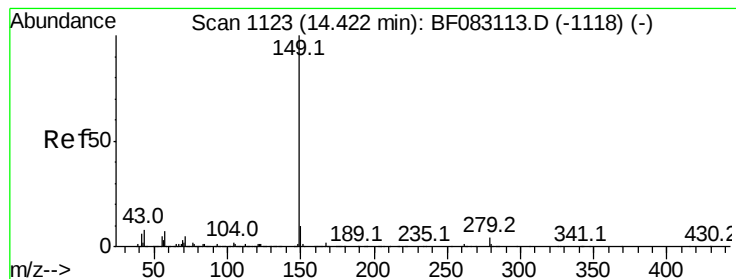
Ion 279.00 (278.70 to 279.70): E

13.79

Time-->



Time-->



#84

Di-n-octyl phthalate

Concen: 52.98 ng

RT: 14.40 min Scan# 1086

Delta R.T. -0.02 min

Lab File: BF083149.D

Acq: 22 Nov 2015 10:24

Instrument :

BNA_F

ClientSampled :

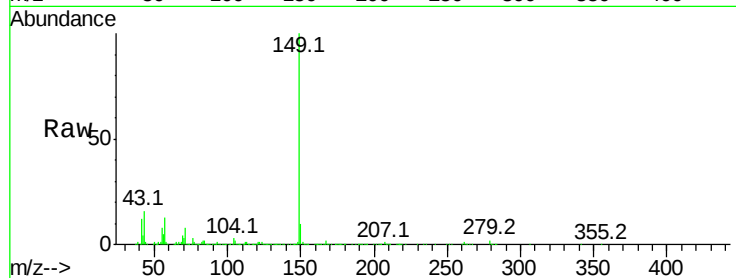
Tot Ion:149 Resp: 2112719

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

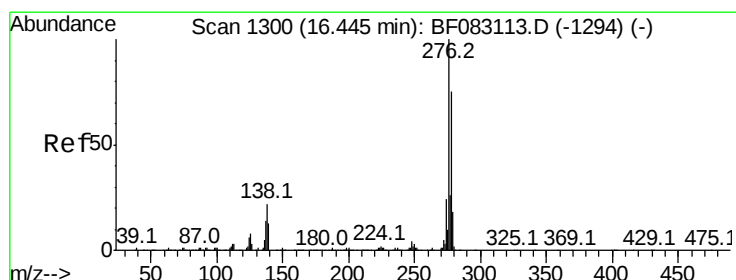
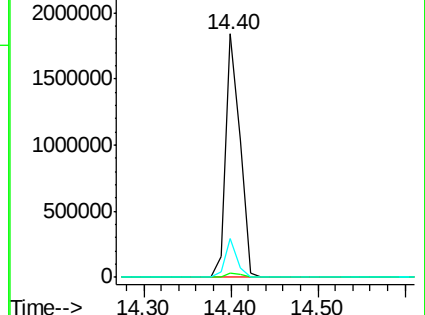
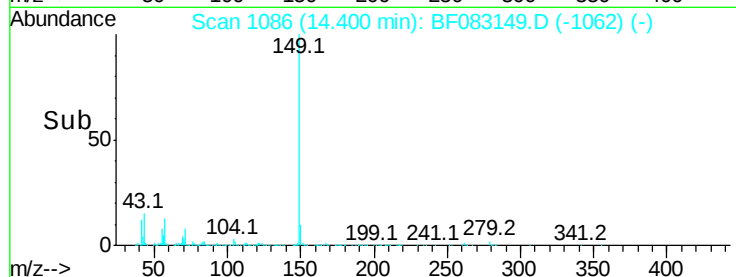
43 13.1 9.5 14.3



Abundance Ion 149.00 (148.70 to 149.70): E

2500000 Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 50.90 ng

RT: 16.42 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BF083149.D

Acq: 22 Nov 2015 10:24

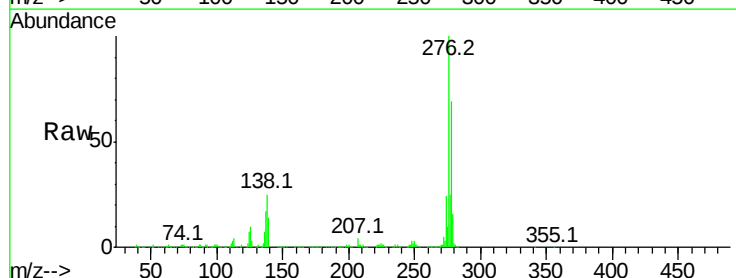
Tgt Ion:276 Resp: 1456651

Ion Ratio Lower Upper

276 100

138 25.4 18.0 27.0

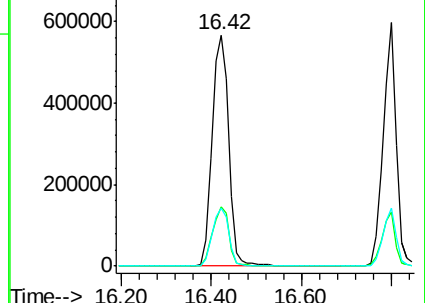
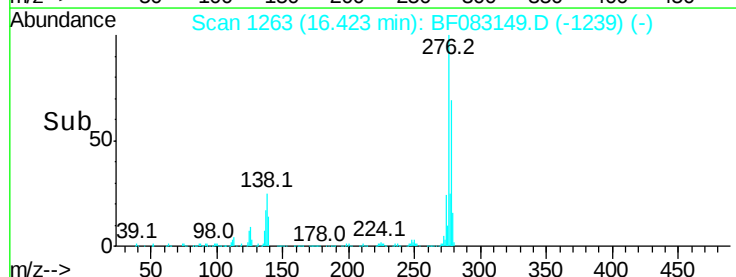
277 25.2 20.2 30.4

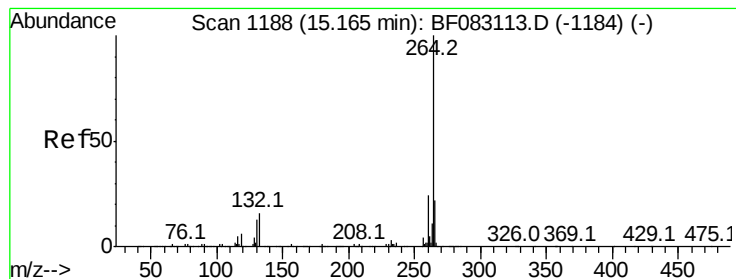


Abundance Ion 276.00 (275.70 to 276.70): E

800000 Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.15 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF083149.D

Acq: 22 Nov 2015 10:24

Instrument :

BNA_F

ClientSampleId :

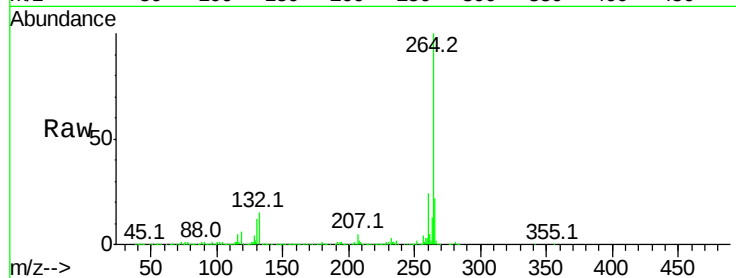
Tot Ion:264 Resp: 478918

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.1	28.7
265	22.1	18.2	27.4

264 100

260 24.3 19.1 28.7

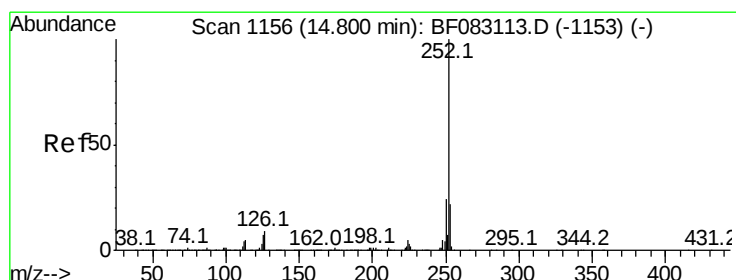
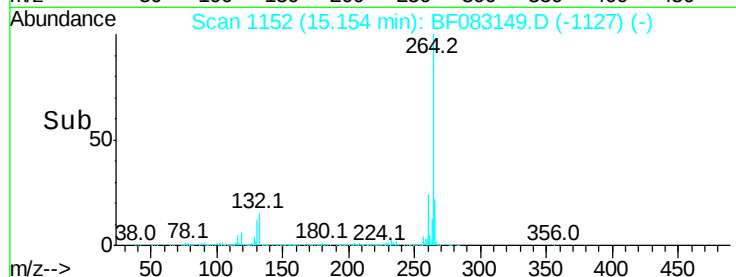
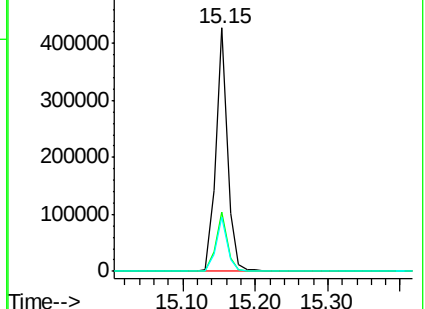
265 22.1 18.2 27.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 85.46 ng

RT: 14.81 min Scan# 1122

Delta R.T. 0.01 min

Lab File: BF083149.D

Acq: 22 Nov 2015 10:24

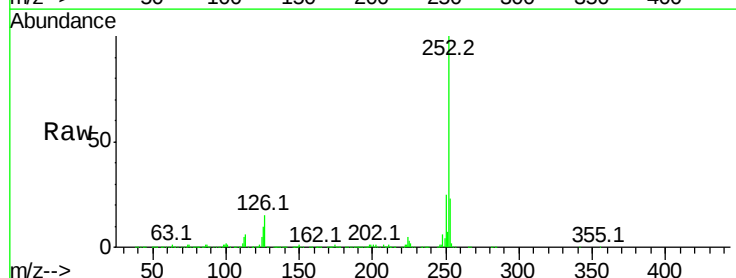
Tgt Ion:252 Resp: 2796549

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.7	26.5
125	9.8	5.6	8.4

252 100

253 23.3 17.7 26.5

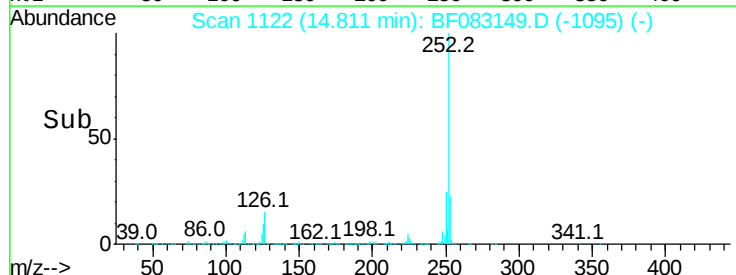
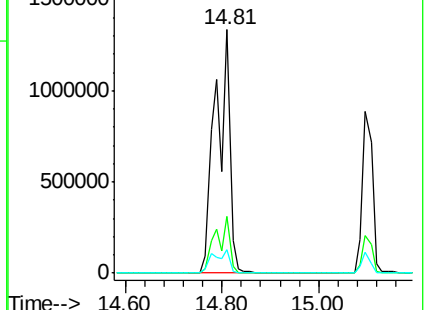
125 9.8 5.6 8.4

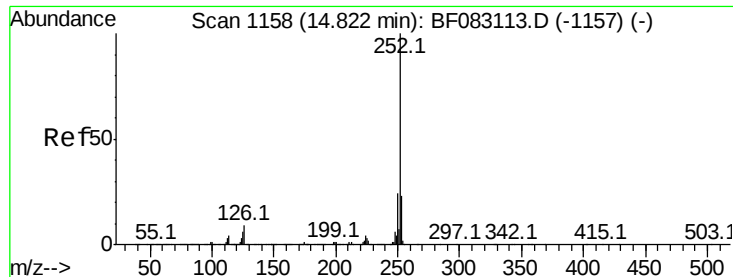


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

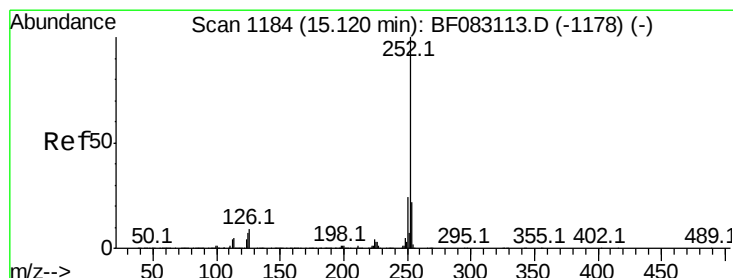
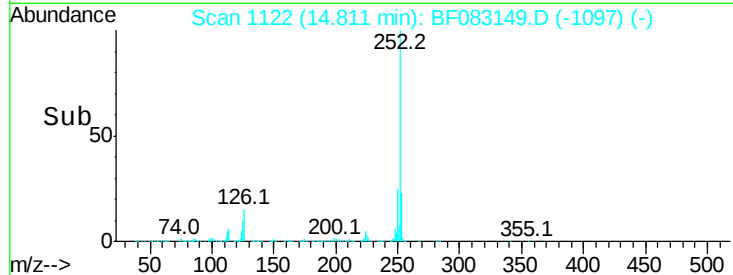
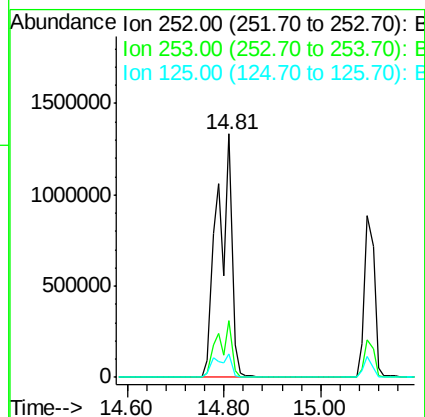
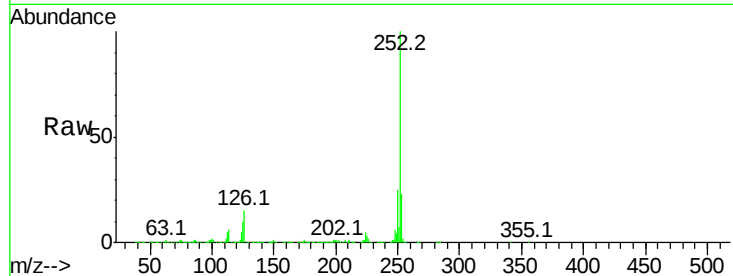




#88
Benzo(k)fluoranthene
Concen: 114.70 ng
RT: 14.81 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF083149.D
Acq: 22 Nov 2015 10:24

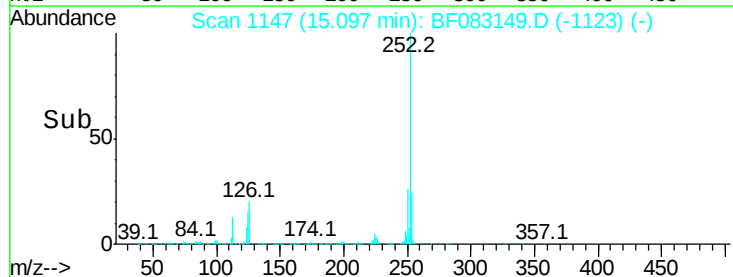
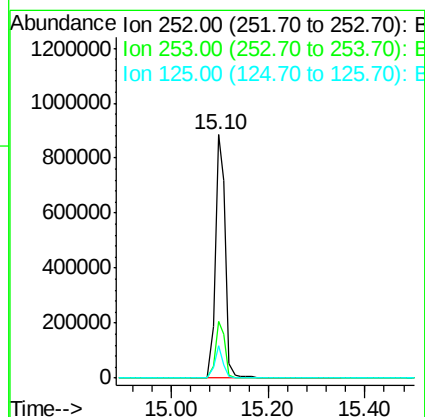
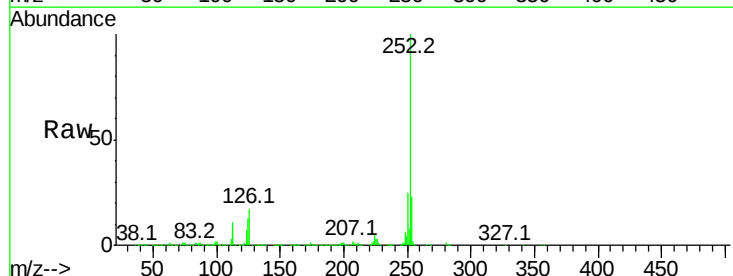
Instrument :
BNA_F
ClientSampleId :

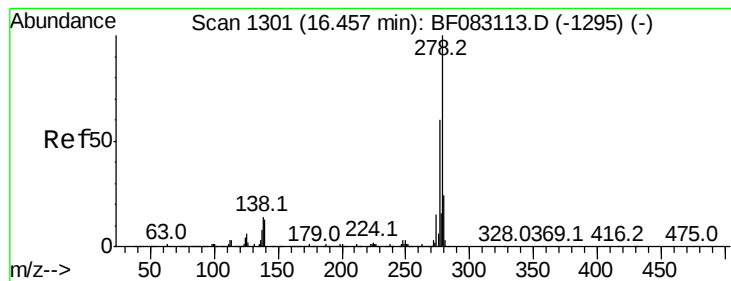
Tot Ion:252 Resp: 2796549
Ion Ratio Lower Upper
252 100
253 23.3 18.2 27.2
125 9.8 6.8 10.2



#89
Benzo(a)pyrene
Concen: 47.86 ng
RT: 15.10 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BF083149.D
Acq: 22 Nov 2015 10:24

Tgt Ion:252 Resp: 1292884
Ion Ratio Lower Upper
252 100
253 23.1 17.5 26.3
125 13.3 5.4 8.0#





#90

Dibenzo(a,h)anthracene

Concen: 50.29 ng

RT: 16.43 min Scan# 1264

Delta R.T. -0.02 min

Lab File: BF083149.D

Acq: 22 Nov 2015 10:24

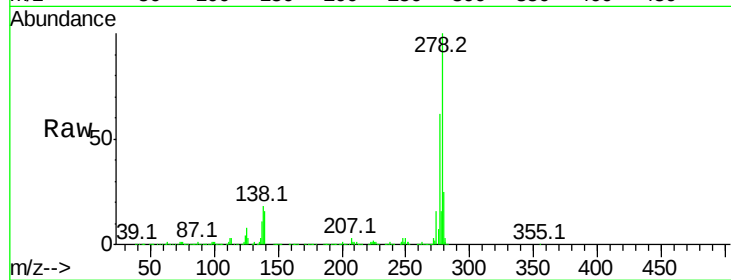
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 1234297

Ion	Ratio	Lower	Upper
278	100		
139	16.3	10.7	16.1#
279	25.0	19.3	28.9

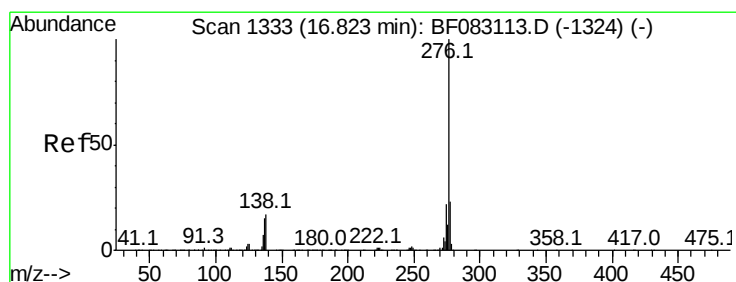
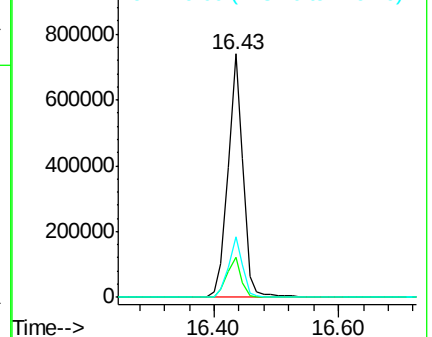
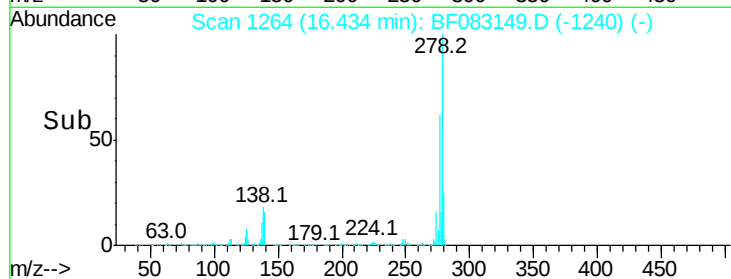


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 50.57 ng

RT: 16.80 min Scan# 1296

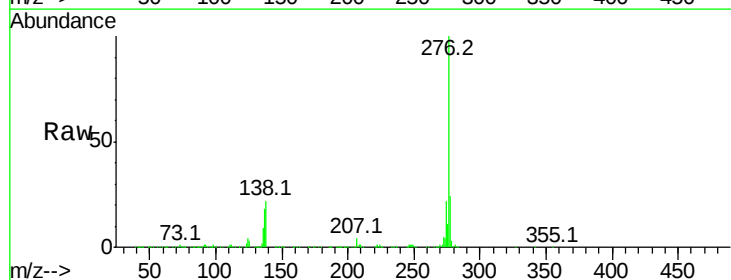
Delta R.T. -0.02 min

Lab File: BF083149.D

Acq: 22 Nov 2015 10:24

Tgt Ion:276 Resp: 1211638

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.7	28.1
138	22.2	13.9	20.9#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

