

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121115\
 Data File : BF083698.D
 Acq On : 11 Dec 2015 15:20
 Operator : UM/IZ
 Sample : SSTDICC02.5
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 11 17:58:00 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 11 17:53:37 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	153641	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	607732	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	274816	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	483428	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	411896	20.00	ng	-0.01
86) Perylene-d12	15.52	264	290952	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	52961	5.23	ng	-0.01
7) Phenol-d6	6.53	99	67364	4.98	ng	-0.01
23) Nitrobenzene-d5	7.48	82	31968	2.45	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	9806	4.01	ng	-0.01
44) 2-Fluorobiphenyl	9.29	172	112066	5.74	ng	0.00
78) Terphenyl-d14	13.03	244	95911	5.48	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.57	88	12884	2.57	ng	87
3) Pyridine	3.32	79	28577	2.35	ng	98
4) n-Nitrosodimethylamine	3.23	42	12519	1.96	ng	# 86
6) Aniline	6.58	93	42140	2.53	ng	# 78
8) 2-Chlorophenol	6.70	128	27160	2.45	ng	# 80
9) Benzaldehyde	6.46	77	20242	2.81	ng	91
10) Phenol	6.54	94	39408	2.40	ng	# 73
11) bis(2-Chloroethyl)ether	6.65	93	29306	2.43	ng	94
12) 1,3-Dichlorobenzene	6.86	146	32202	2.61	ng	100
13) 1,4-Dichlorobenzene	6.94	146	31227	2.47	ng	93
14) 1,2-Dichlorobenzene	7.09	146	30854	2.62	ng	99
15) Benzyl Alcohol	7.06	79	21246	2.21	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.20	45	41719	1.87	ng	# 63
17) 2-Methylphenol	7.16	107	21821	2.42	ng	# 87
18) Hexachloroethane	7.45	117	9854	2.20	ng	98
19) n-Nitroso-di-n-propylamine	7.32	70	19324	2.05	ng	# 98
20) 3+4-Methylphenols	7.32	107	28644	2.41	ng	# 34
22) Acetophenone	7.32	105	42792	2.51	ng	# 94
24) Nitrobenzene	7.49	77	18766	1.30	ng	98
25) Isophorone	7.73	82	51940	2.05	ng	97
26) 2-Nitrophenol	7.82	139	4511	0.79	ng	# 79
27) 2,4-Dimethylphenol	7.86	122	27493	2.75	ng	93
28) bis(2-Chloroethoxy)methane	7.95	93	29903	2.13	ng	99
29) 2,4-Dichlorophenol	8.05	162	19103	2.10	ng	93
30) 1,2,4-Trichlorobenzene	8.16	180	23289	2.32	ng	96
31) Naphthalene	8.22	128	80858	2.51	ng	99
32) Benzoic acid	7.86	122	27493	4.88	ng	# 7
33) 4-Chloroaniline	8.27	127	33907	2.89	ng	# 91
34) Hexachlorobutadiene	8.36	225	13124	2.24	ng	96
35) Caprolactam	8.59	113	5251	1.92	ng	# 56
36) 4-Chloro-3-methylphenol	8.74	107	21387	2.09	ng	98
37) 2-Methylnaphthalene	8.92	142	55559	2.75	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	22173	2.46	ng	# 100
40) Hexachlorocyclopentadiene	9.08	237	8713	7.13	ng	97

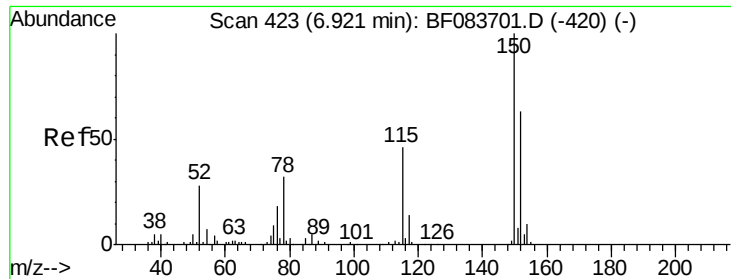
Data Path : Z:\HPCHEM1\BNA F\DATA\BF121115\
 Data File : BF083698.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 11 17:53:37 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	12920	2.41	nq	91
43) 2,4,5-Trichlorophenol	9.20	196	12920	2.43	nq	# 93
45) 1,1'-Biphenyl	9.38	154	65553	2.74	nq	97
46) 2-Chloronaphthalene	9.40	162	47740	2.65	nq	# 92
47) 2-Nitroaniline	9.49	65	4687	0.72	nq	# 77
48) Acenaphthylene	9.82	152	82144	2.76	nq	98
49) Dimethylphthalate	9.68	163	58917	2.69	nq	99
50) 2,6-Dinitrotoluene	9.73	165	3705	0.82	nq	96
51) Acenaphthene	10.00	154	50013	2.94	nq	98
52) 3-Nitroaniline	9.89	138	4578	0.95	nq	# 86
53) 2,4-Dinitrophenol	10.00	184	653	0.34	nq	# 1
54) Dibenzofuran	10.17	168	65219	2.76	nq	96
55) 4-Nitrophenol	10.04	139	4727	2.24	nq	84
56) 2,4-Dinitrotoluene	10.13	165	4159	0.69	nq	# 76
57) Fluorene	10.51	166	54351	2.64	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.28	232	9107	2.31	nq	# 100
59) Diethylphthalate	10.37	149	48990	2.30	nq	98
60) 4-Chlorophenyl-phenylether	10.50	204	24800	2.53	nq	90
61) 4-Nitroaniline	10.50	138	5443	1.25	nq	# 67
62) Azobenzene	10.66	77	49743	2.13	nq	96
64) 4,6-Dinitro-2-methylphenol	10.53	198	1005	0.35	nq	# 71
65) n-Nitrosodiphenylamine	10.61	169	48016	3.01	nq	98
66) 4-Bromophenyl-phenylether	10.99	248	14359	2.66	nq	97
67) Hexachlorobenzene	11.06	284	15405	2.69	nq	# 86
68) Atrazine	11.14	200	11086	2.34	nq	97
69) Pentachlorophenol	11.24	266	5728	4.57	nq	97
70) Phenanthrene	11.46	178	76534	2.76	nq	99
71) Anthracene	11.52	178	81931	2.85	nq	99
72) Carbazole	11.67	167	77248	3.13	nq	98
73) Di-n-butylphthalate	12.01	149	78192	2.52	nq	98
74) Fluoranthene	12.65	202	79549	2.80	nq	99
76) Benzidine	12.76	184	33720	2.63	nq	98
77) Pyrene	12.88	202	84295	2.84	nq	99
79) Butylbenzylphthalate	13.49	149	15942	1.21	nq	# 78
80) Benzo(a)anthracene	14.05	228	66237	2.75	nq	98
81) 3,3'-Dichlorobenzidine	14.02	252	16597	2.04	nq	96
82) Chrysene	14.10	228	62715	2.59	nq	97
83) Bis(2-ethylhexyl)phthalate	14.07	149	23459	1.28	nq	# 94
84) Di-n-octyl phthalate	14.67	149	24511	0.88	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.93	276	38661	2.37	nq	# 100
87) Benzo(b)fluoranthene	15.12	252	92769	5.60	nq	# 95
88) Benzo(k)fluoranthene	15.12	252	92769	5.08	nq	97
89) Benzo(a)pyrene	15.45	252	38870	2.40	nq	97
90) Dibenzo(a,h)anthracene	16.96	278	30227	2.45	nq	98
91) Benzo(g,h,i)perylene	17.36	276	33562	2.78	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF083698.D

Acq: 11 Dec 2015 15:20

Instrument :

BNA_F

ClientSampleId :

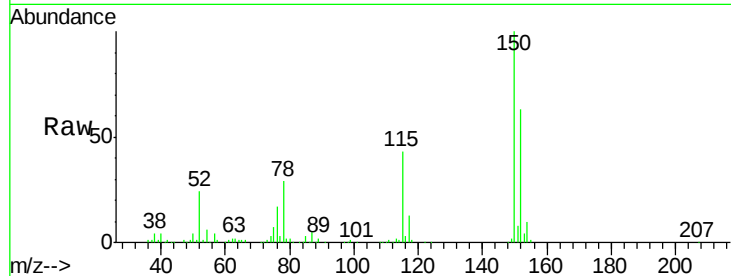
Tot Ion:152 Resp: 153641

Ion Ratio Lower Upper

152 100

150 159.0 126.5 189.7

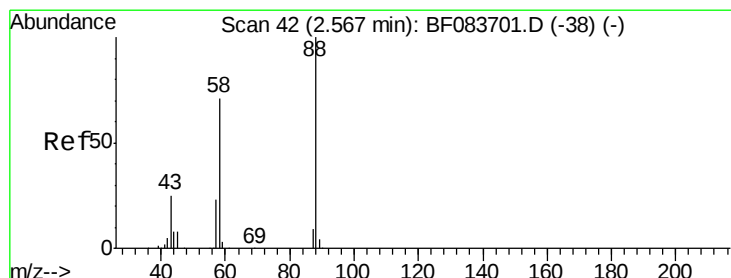
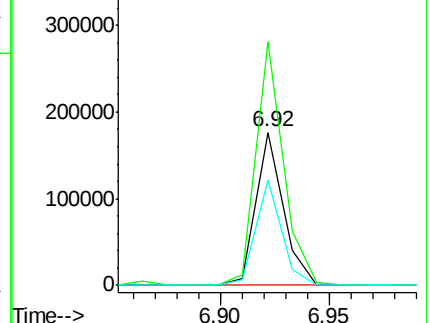
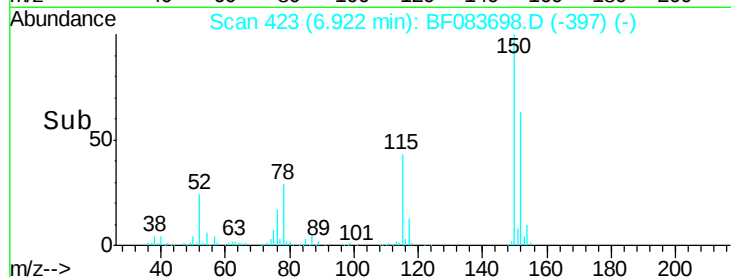
115 68.8 52.3 78.5



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: 2.57 ng

RT: 2.57 min Scan# 42

Delta R.T. 0.00 min

Lab File: BF083698.D

Acq: 11 Dec 2015 15:20

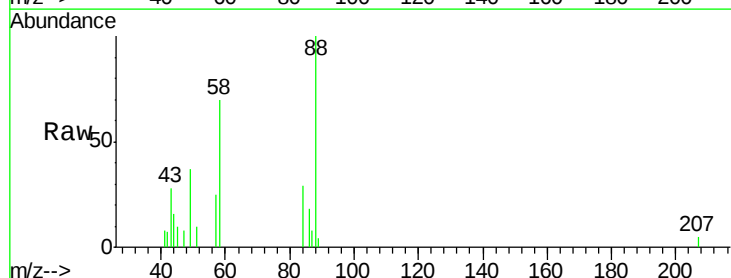
Tgt Ion: 88 Resp: 12884

Ion Ratio Lower Upper

88 100

58 69.6 68.0 102.0

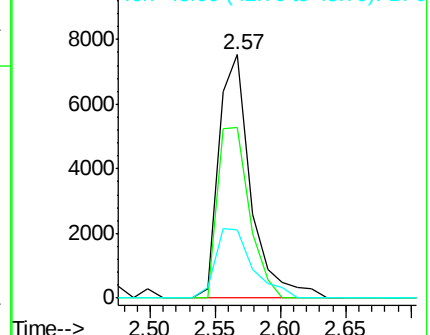
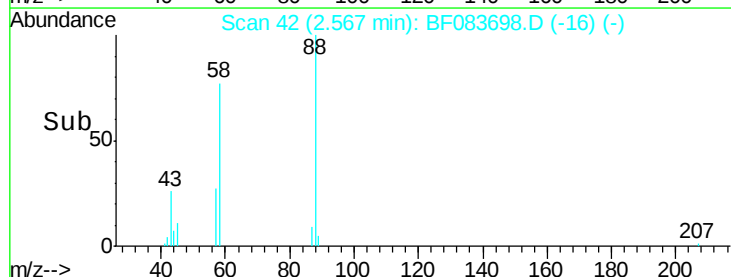
43 33.3 27.9 41.9

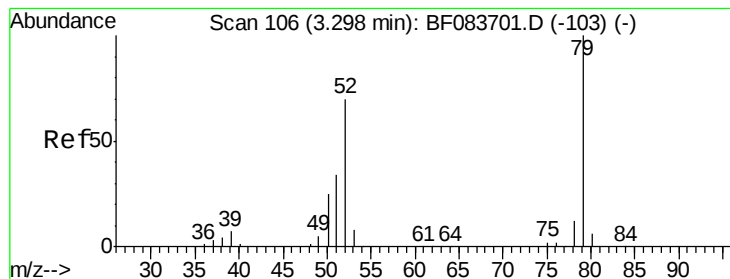


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 2.35 ng

RT: 3.32 min Scan# 108

Delta R.T. 0.02 min

Lab File: BF083698.D

Acq: 11 Dec 2015 15:20

Instrument :

BNA_F

ClientSampled :

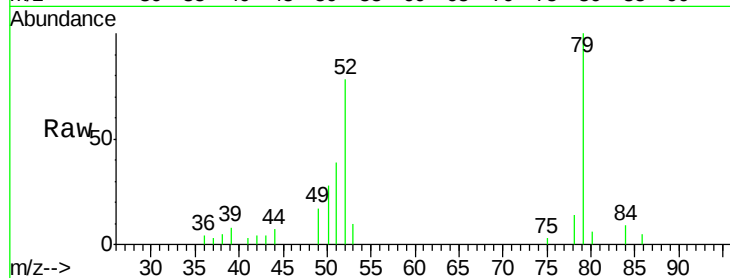
Tot Ion: 79 Resp: 28577

Ion Ratio Lower Upper

79 100

52 78.5 63.7 95.5

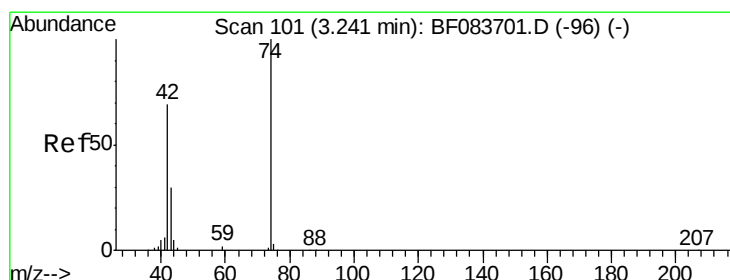
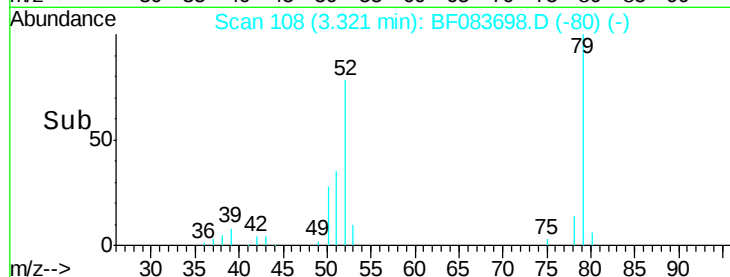
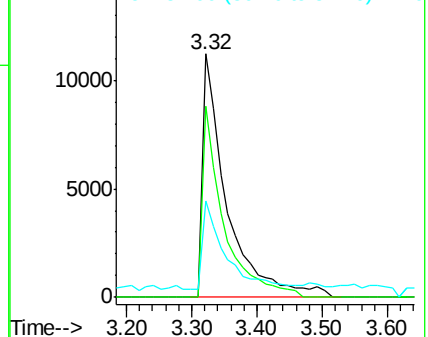
51 39.4 30.6 45.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 1.96 ng

RT: 3.23 min Scan# 100

Delta R.T. -0.01 min

Lab File: BF083698.D

Acq: 11 Dec 2015 15:20

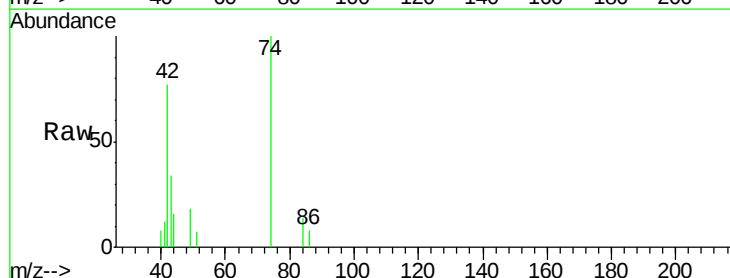
Tgt Ion: 42 Resp: 12519

Ion Ratio Lower Upper

42 100

74 129.7 92.9 139.3

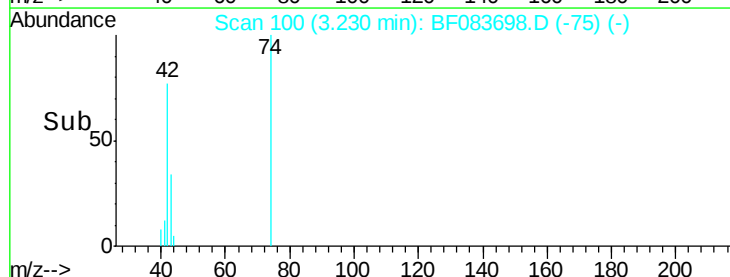
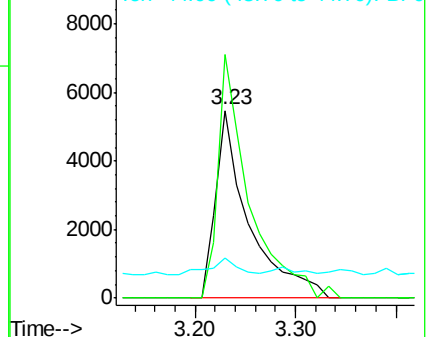
44 21.2 5.7 8.5#

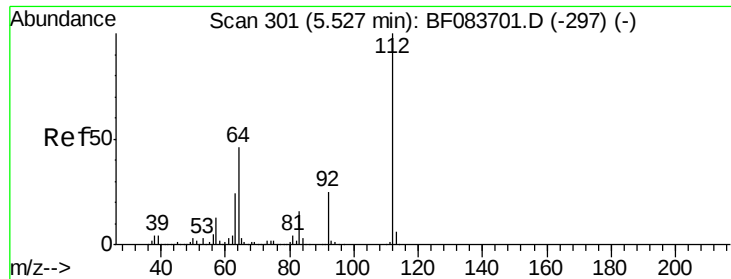


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 5.23 ng

RT: 5.52 min Scan# 300

Delta R.T. -0.01 min

Lab File: BF083698.D

Acq: 11 Dec 2015 15:20

Instrument :

BNA_F

ClientSampleId :

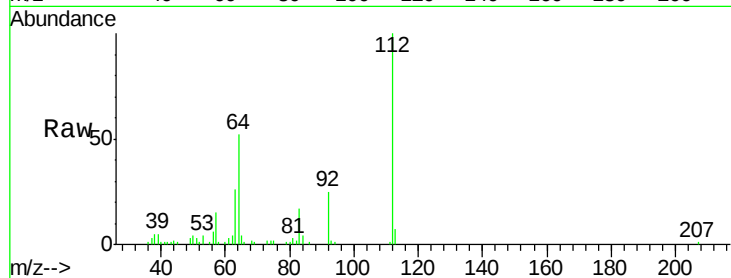
Tot Ion:112 Resp: 52961

Ion Ratio Lower Upper

112 100

64 52.4 50.5 75.7

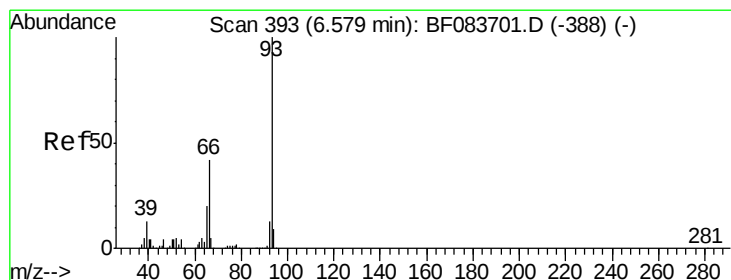
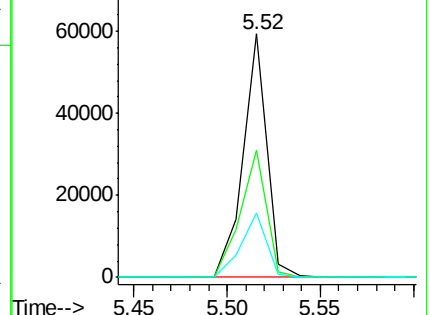
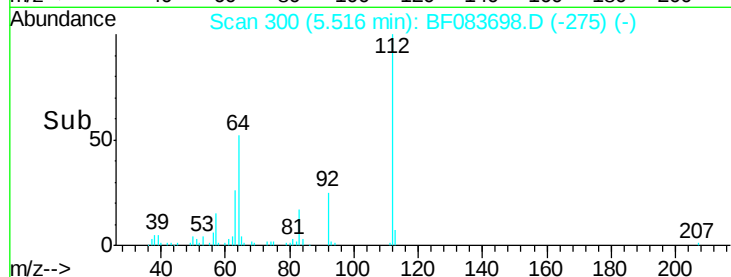
63 26.3 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 2.53 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF083698.D

Acq: 11 Dec 2015 15:20

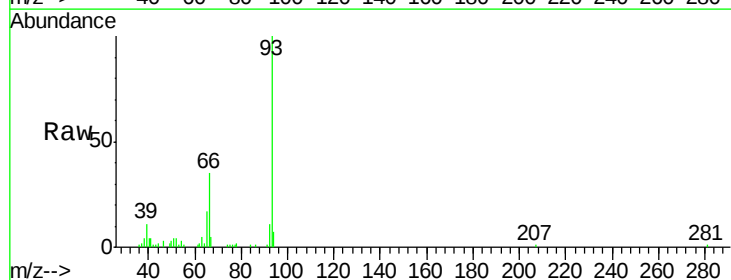
Tgt Ion: 93 Resp: 42140

Ion Ratio Lower Upper

93 100

66 34.7 41.3 61.9#

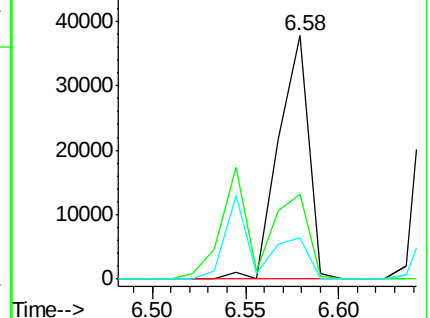
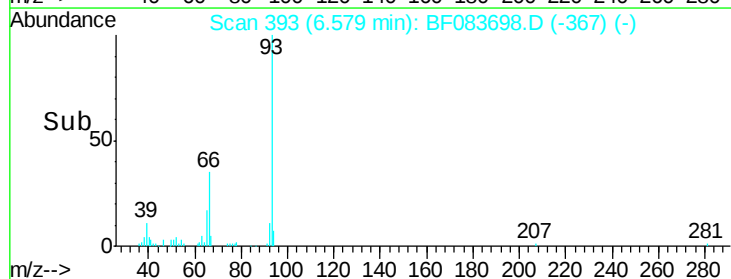
65 16.9 20.8 31.2#

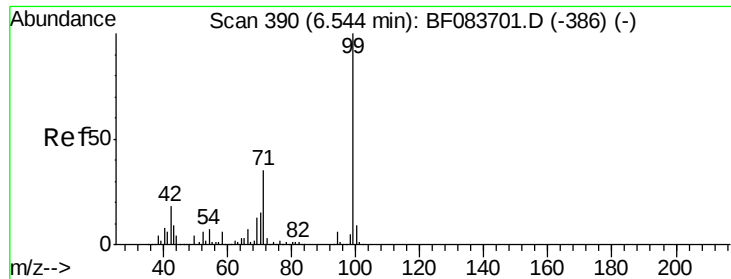


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 4.98 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF083698.D

Acq: 11 Dec 2015 15:20

Instrument :

BNA_F

ClientSampleId :

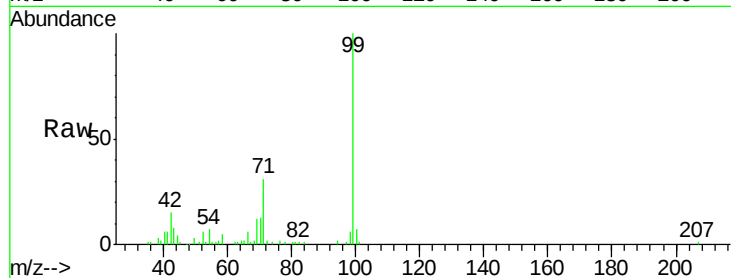
Tot Ion: 99 Resp: 67364

Ion Ratio Lower Upper

99 100

42 15.2 17.3 25.9#

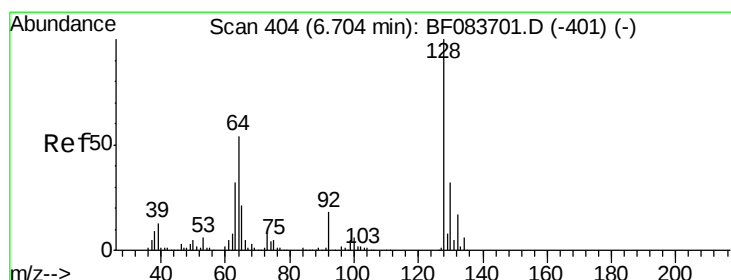
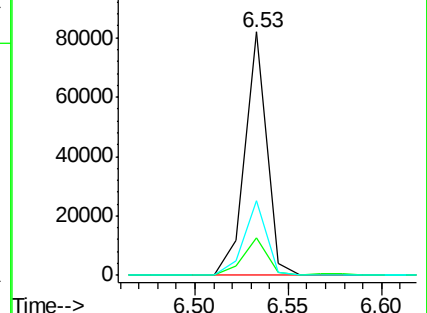
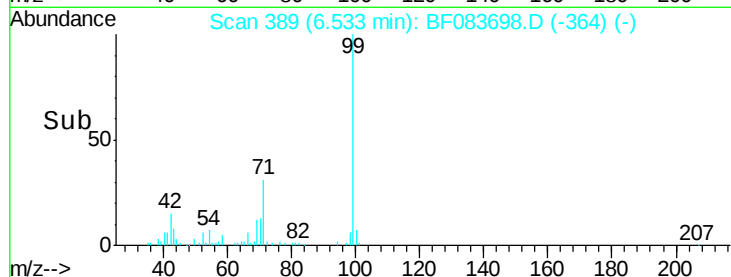
71 30.6 26.6 40.0



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: 2.45 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF083698.D

Acq: 11 Dec 2015 15:20

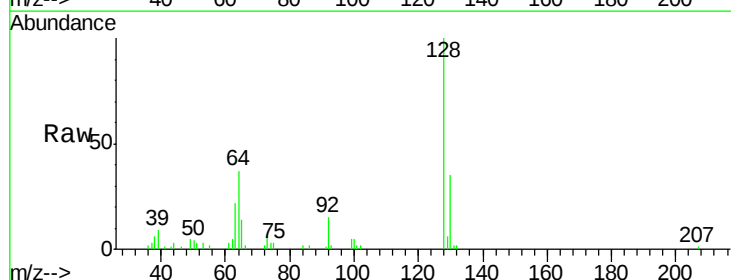
Tgt Ion: 128 Resp: 27160

Ion Ratio Lower Upper

128 100

130 34.8 12.6 52.6

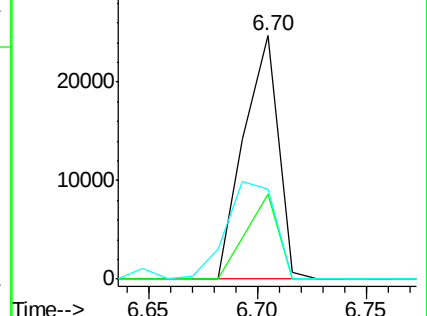
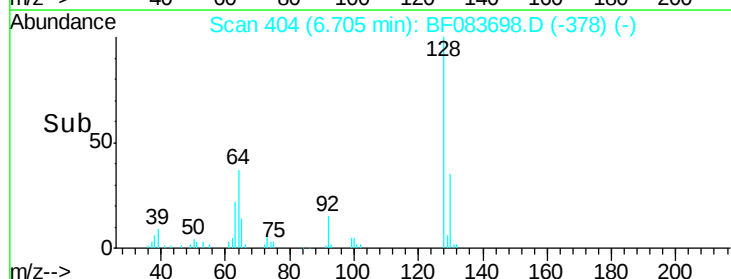
64 36.8 38.6 78.6#

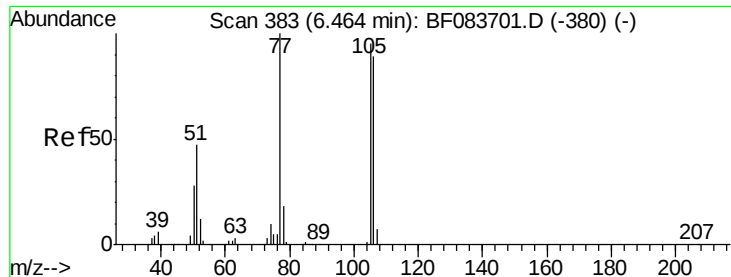


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 2.81 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF083698.D

Acq: 11 Dec 2015 15:20

Instrument :

BNA_F

ClientSampleId :

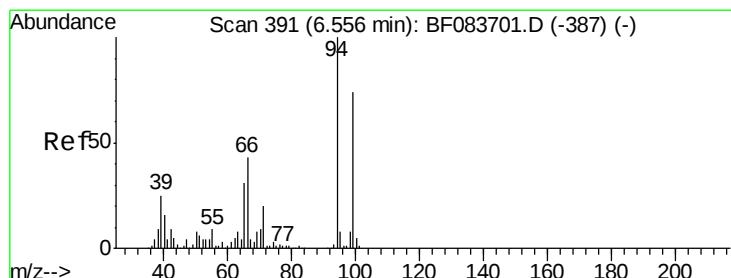
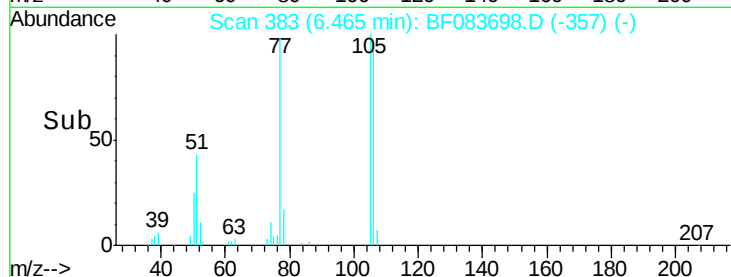
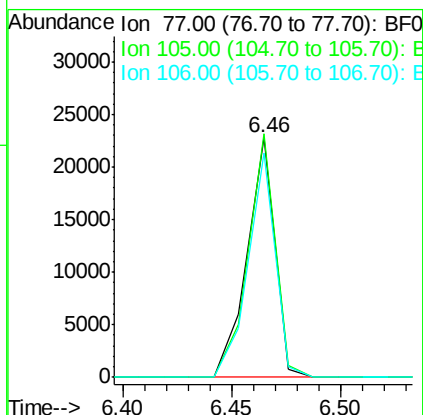
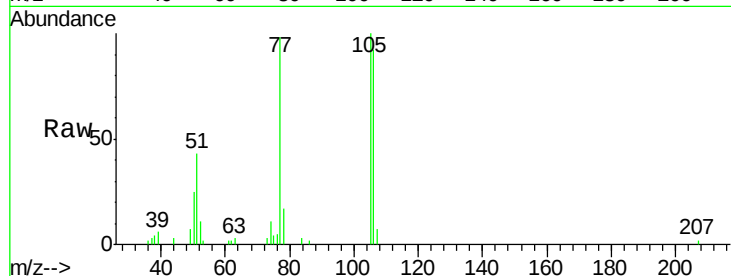
Tot Ion: 77 Resp: 20242

Ion Ratio Lower Upper

77 100

105 101.8 71.8 111.8

106 93.7 66.8 106.8



#10

Phenol

Concen: 2.40 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF083698.D

Acq: 11 Dec 2015 15:20

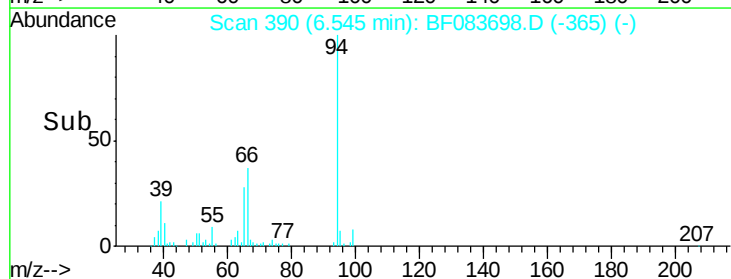
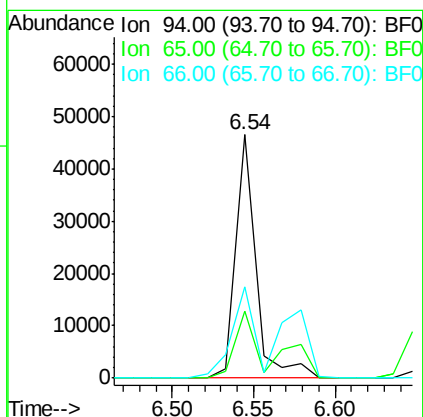
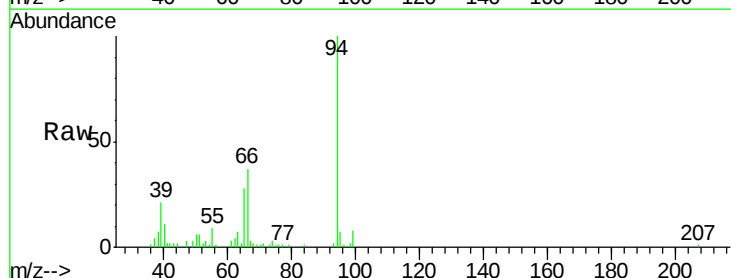
Tgt Ion: 94 Resp: 39408

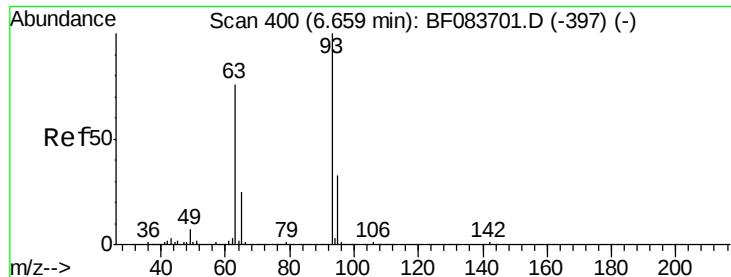
Ion Ratio Lower Upper

94 100

65 27.8 20.9 60.9

66 37.4 41.6 81.6#





#11

bis(2-Chloroethyl)ether

Concen: 2.43 ng

RT: 6.65 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF083698.D

Acq: 11 Dec 2015 15:20

Instrument :

BNA_F

ClientSampleId :

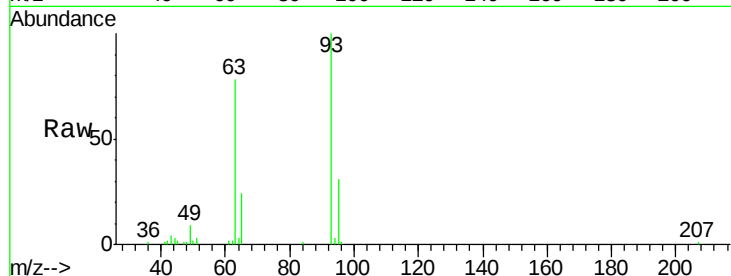
Tot Ion: 93 Resp: 29306

Ion Ratio Lower Upper

93 100

63 78.1 64.7 104.7

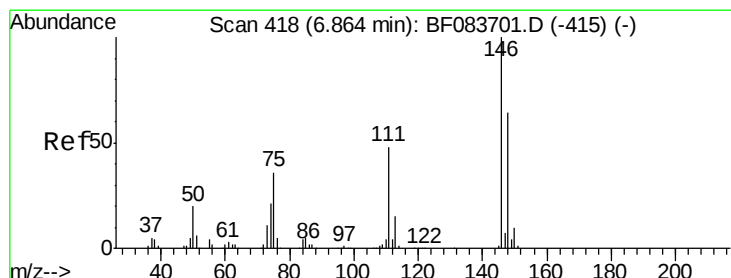
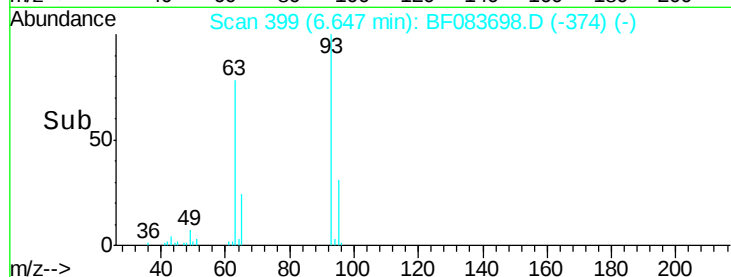
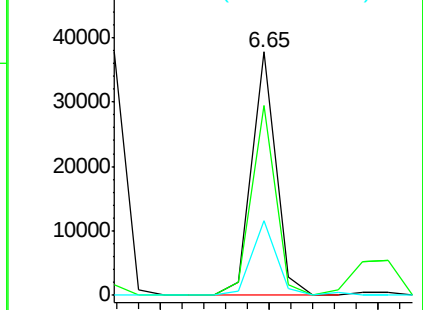
95 30.6 12.7 52.7



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 2.61 ng

RT: 6.86 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF083698.D

Acq: 11 Dec 2015 15:20

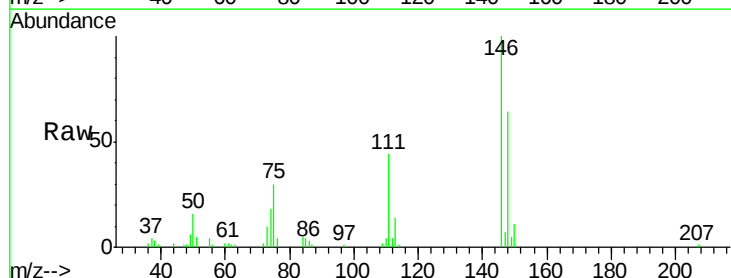
Tgt Ion: 146 Resp: 32202

Ion Ratio Lower Upper

146 100

148 64.2 51.3 76.9

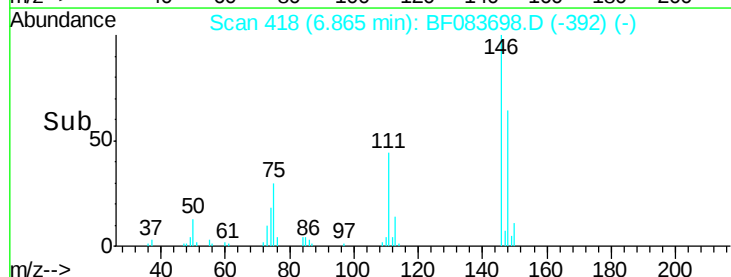
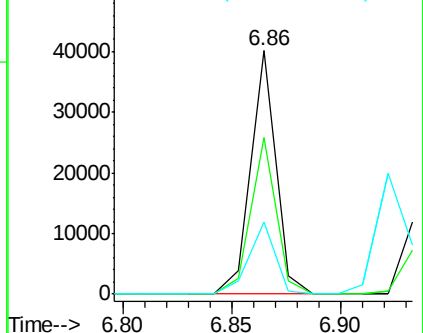
75 29.5 24.1 36.1

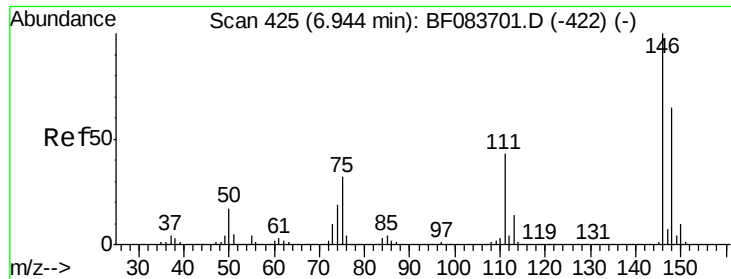


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

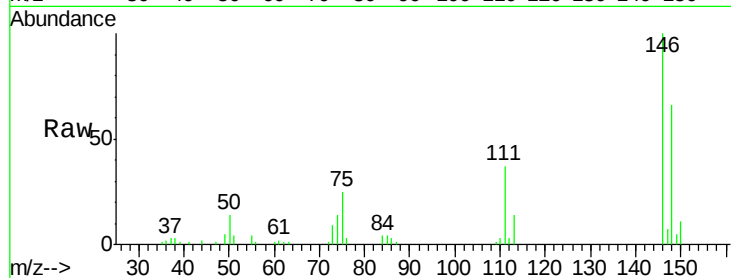




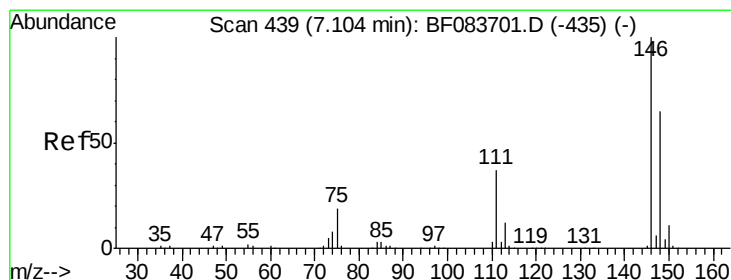
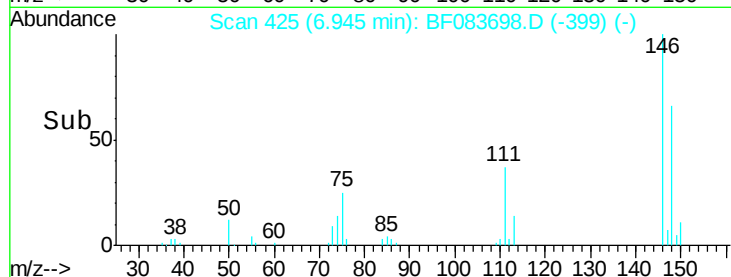
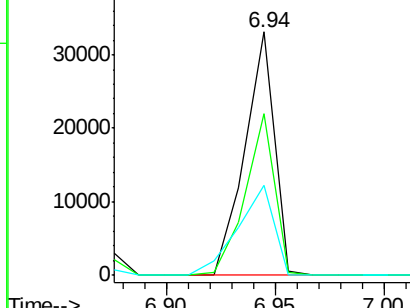
#13
 1,4-Dichlorobenzene
 Concen: 2.47 ng
 RT: 6.94 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BF083698.D
 Acq: 11 Dec 2015 15:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 31227
 Ion Ratio Lower Upper
 146 100
 148 66.4 50.6 76.0
 111 37.1 36.1 54.1

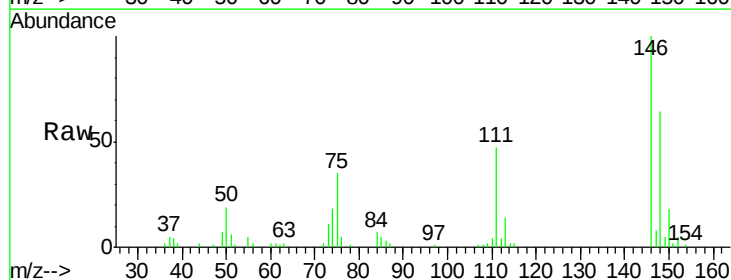


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

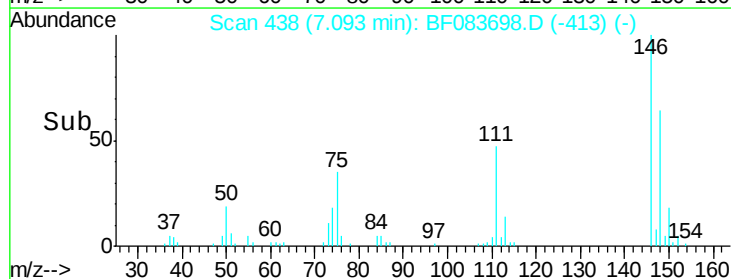
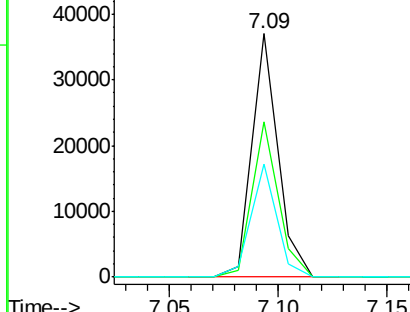


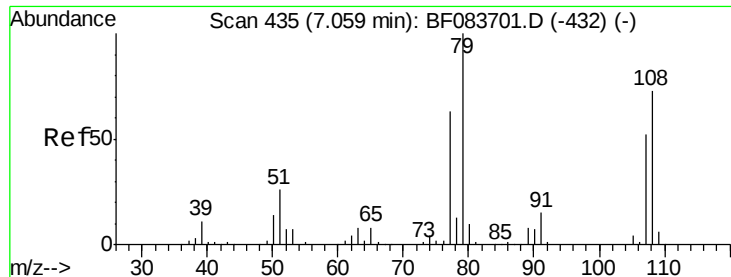
#14
 1,2-Dichlorobenzene
 Concen: 2.62 ng
 RT: 7.09 min Scan# 438
 Delta R.T. -0.01 min
 Lab File: BF083698.D
 Acq: 11 Dec 2015 15:20

Tgt Ion:146 Resp: 30854
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.4 77.0
 111 46.5 36.7 55.1



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: 2.21 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF083698.D

Acq: 11 Dec 2015 15:20

Instrument :

BNA_F

ClientSampleId :

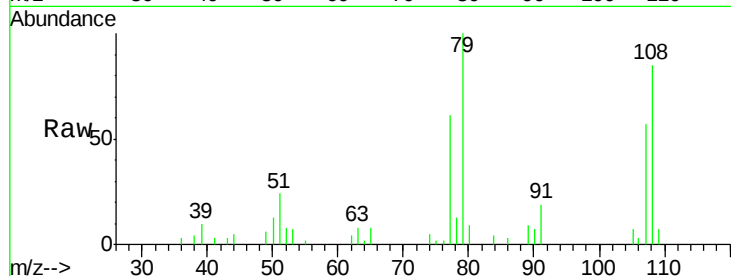
Tot Ion: 79 Resp: 21246

Ion Ratio Lower Upper

79 100

108 85.4 59.6 89.4

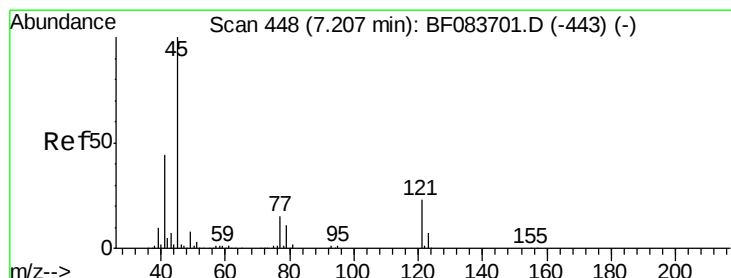
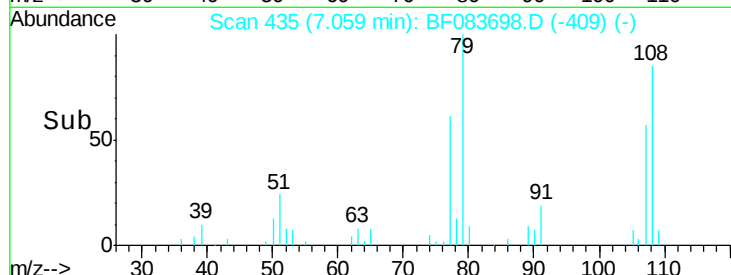
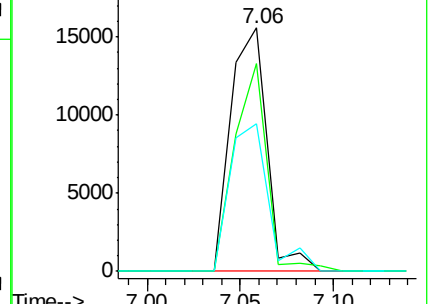
77 60.7 49.8 74.6



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 1.87 ng

RT: 7.20 min Scan# 447

Delta R.T. -0.01 min

Lab File: BF083698.D

Acq: 11 Dec 2015 15:20

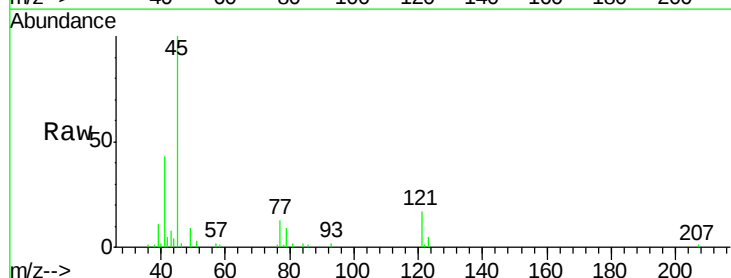
Tgt Ion: 45 Resp: 41719

Ion Ratio Lower Upper

45 100

77 13.2 12.8 52.8

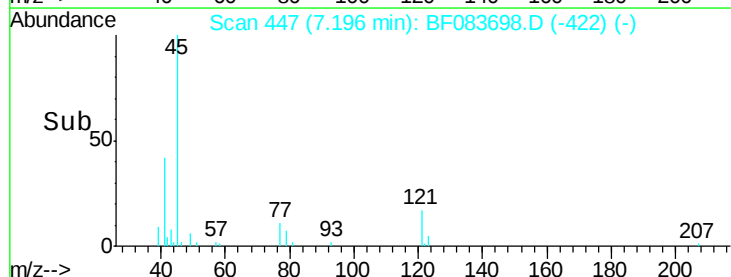
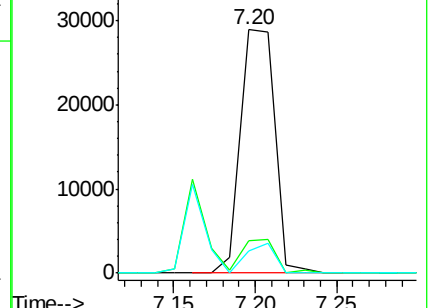
79 9.0 10.7 50.7#

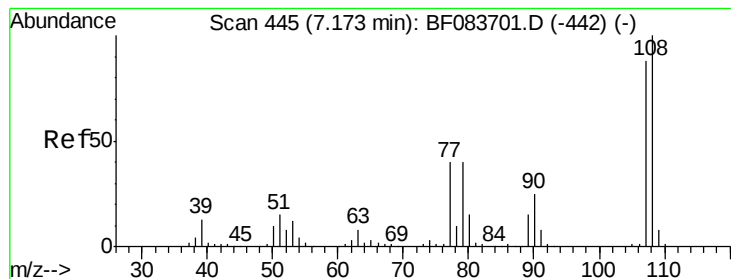


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

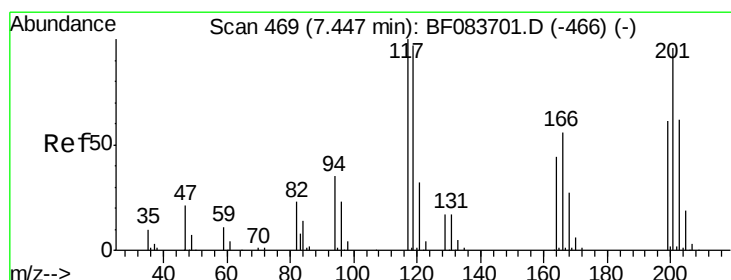
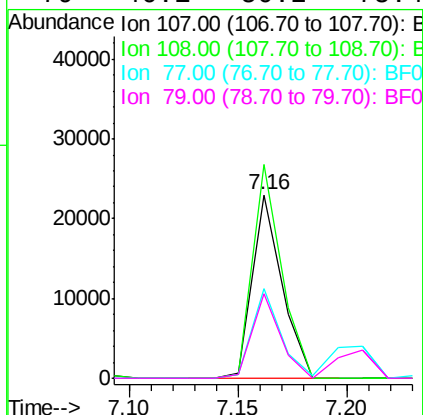
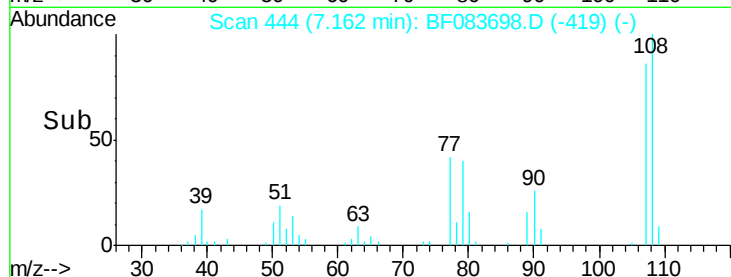
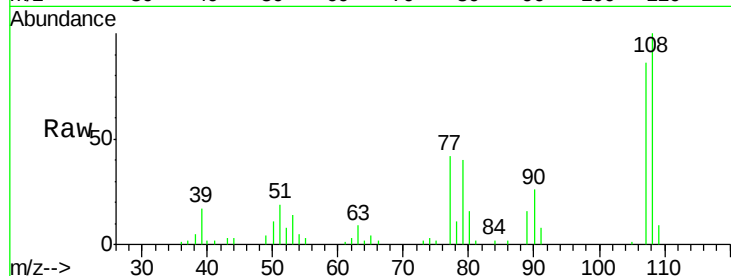




#17
2-Methylphenol
Concen: 2.42 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

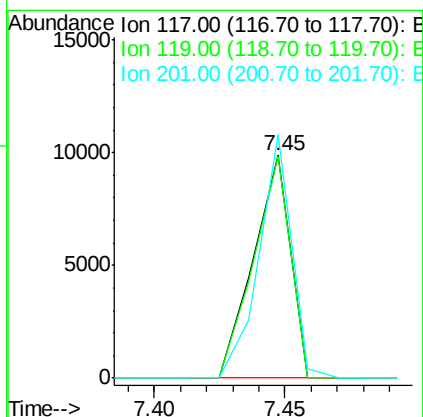
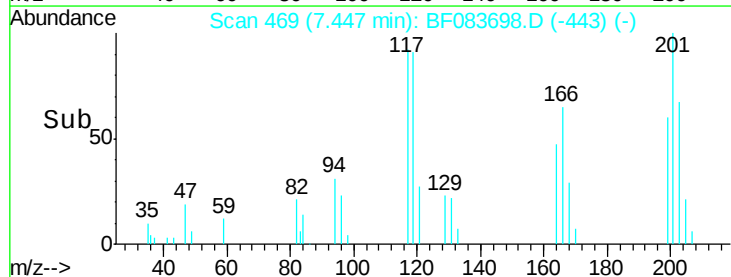
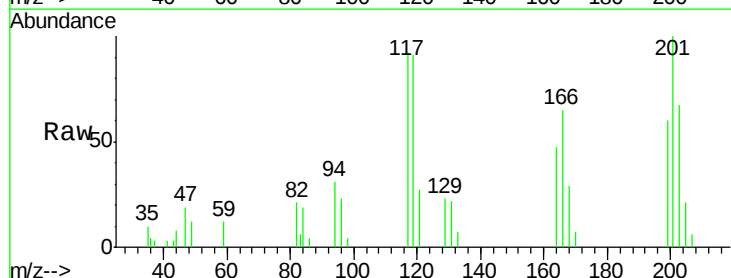
Instrument :
BNA_F
ClientSampleId :

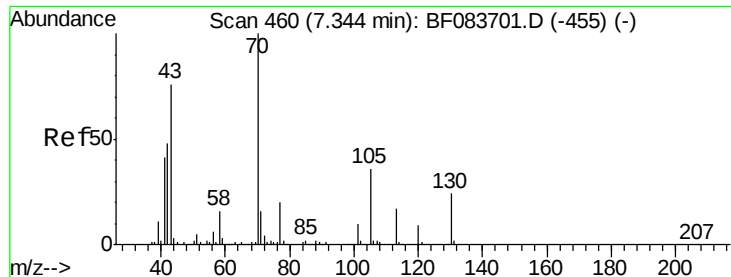
Tot Ion:107 Resp: 21821
Ion Ratio Lower Upper
107 100
108 116.4 91.6 137.4
77 48.6 53.7 80.5#
79 46.1 50.2 75.4#



#18
Hexachloroethane
Concen: 2.20 ng
RT: 7.45 min Scan# 469
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:117 Resp: 9854
Ion Ratio Lower Upper
117 100
119 99.4 77.2 115.8
201 109.2 86.8 130.2





#19

n-Nitroso-di-n-propylamine

Concen: 2.05 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.02 min

Lab File: BF083698.D

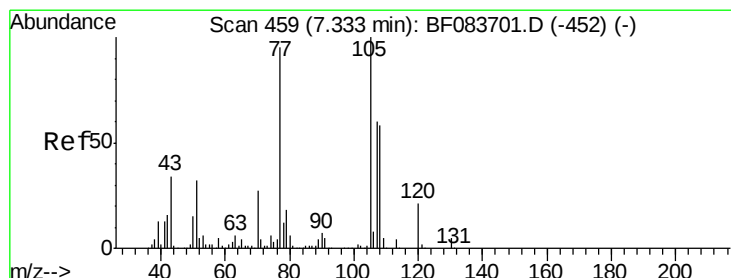
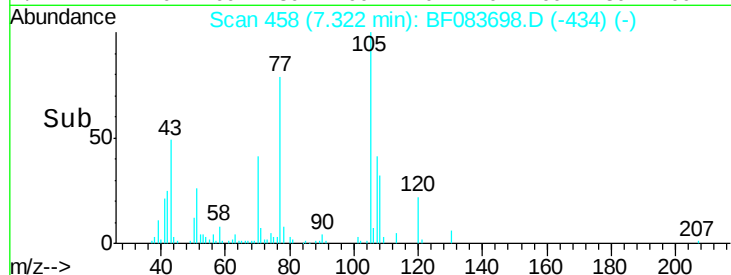
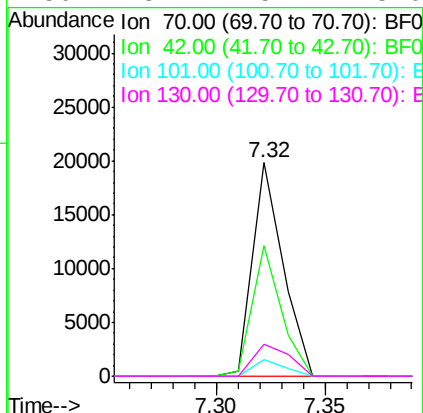
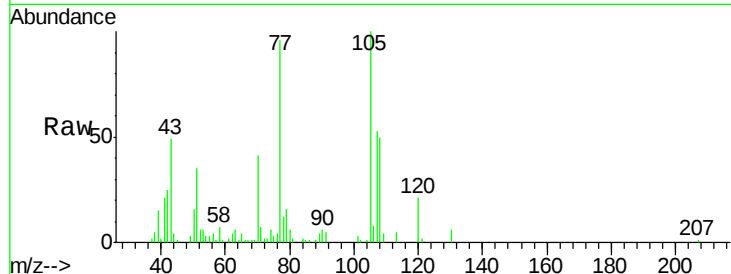
Acq: 11 Dec 2015 15:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	70	Resp:	19324
Ion	Ratio	Lower	Upper
70	100		
42	61.4	49.2	73.8
101	8.0	7.1	10.7
130	15.2	15.4	23.0#



#20

3+4-Methylphenols

Concen: 2.41 ng

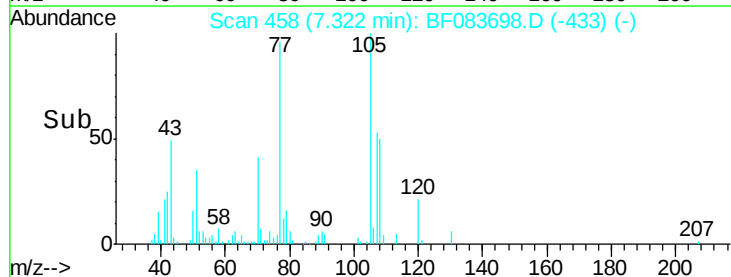
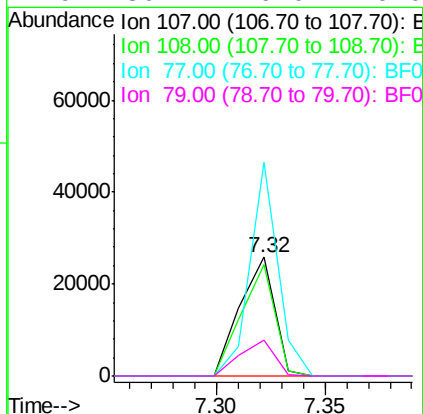
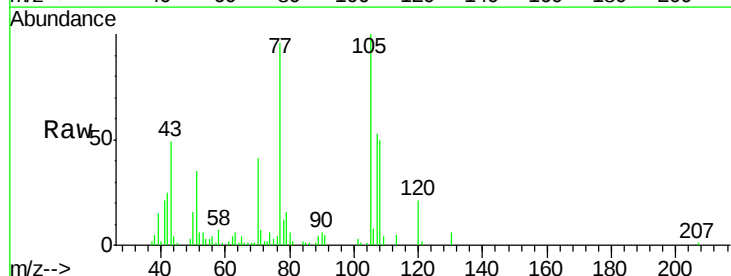
RT: 7.32 min Scan# 458

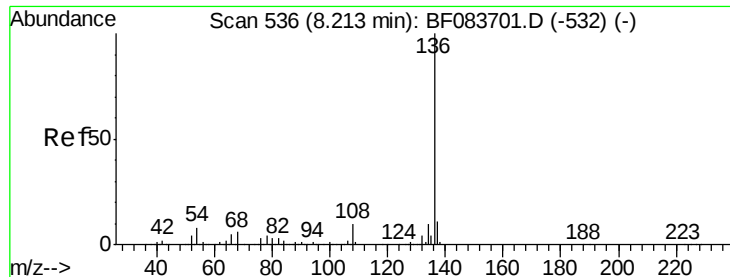
Delta R.T. -0.01 min

Lab File: BF083698.D

Acq: 11 Dec 2015 15:20

Tgt Ion:	107	Resp:	28644
Ion	Ratio	Lower	Upper
107	100		
108	93.2	65.2	105.2
77	179.5	15.2	55.2#
79	30.1	6.0	46.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.21 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF083698.D

Acq: 11 Dec 2015 15:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 607732

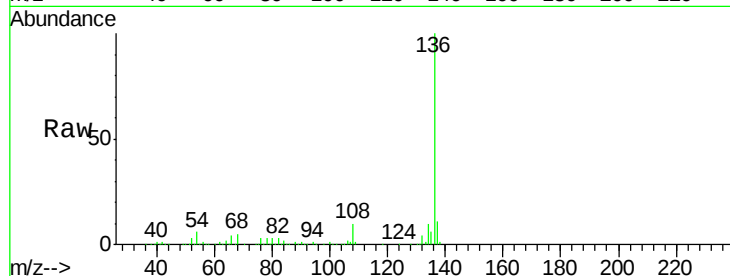
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 5.9 7.8 11.6#

68 5.2 5.7 8.5#

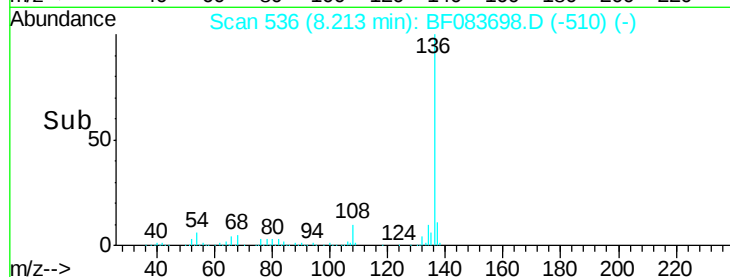


Abundance Ion 136.00 (135.70 to 136.70): E

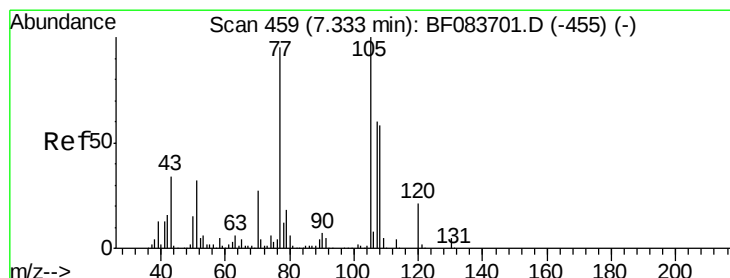
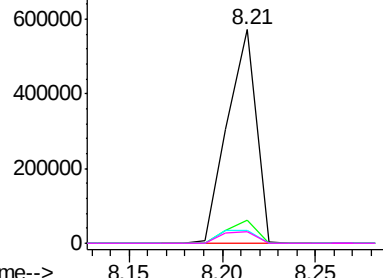
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 2.51 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF083698.D

Acq: 11 Dec 2015 15:20

Tgt Ion:105 Resp: 42792

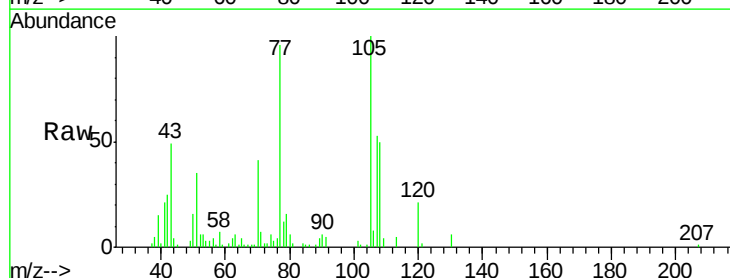
Ion Ratio Lower Upper

105 100

71 7.0 1.3 1.9#

51 35.1 23.8 35.8

120 21.4 16.7 25.1

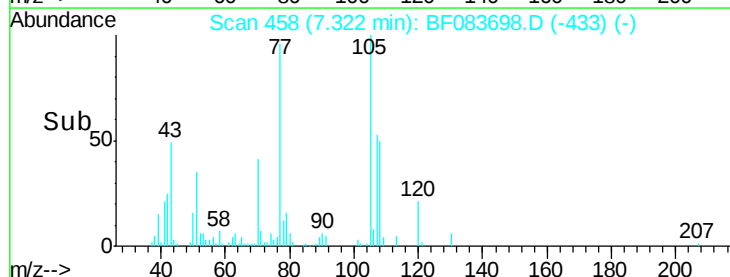


Abundance Ion 105.00 (104.70 to 105.70): E

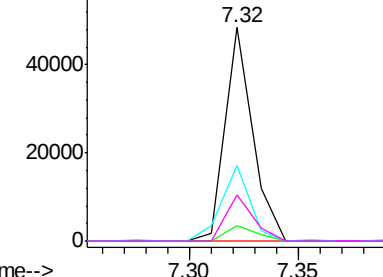
Ion 71.00 (70.70 to 71.70): BF0

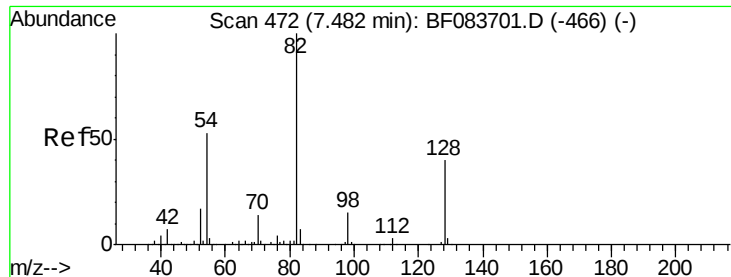
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

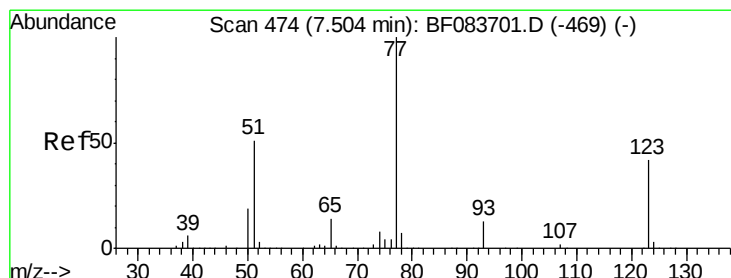
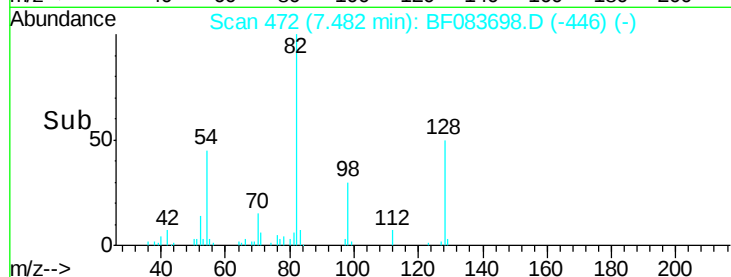
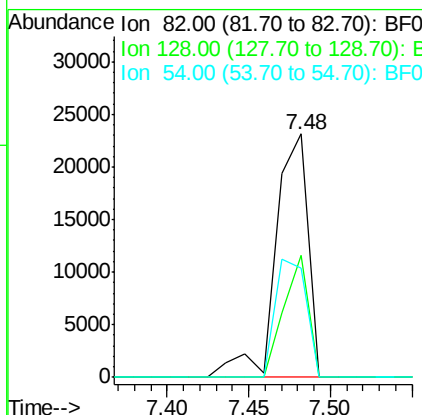
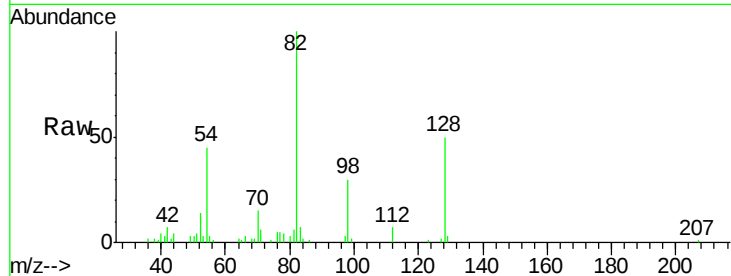




#23
Nitrobenzene-d5
Concen: 2.45 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

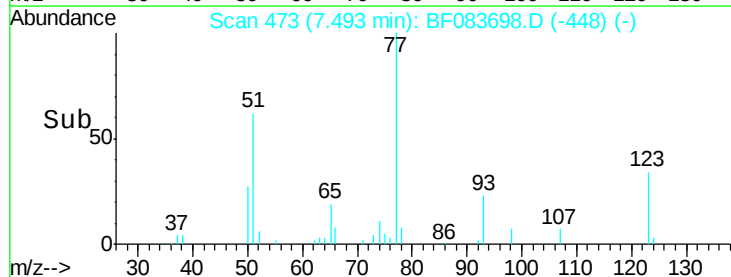
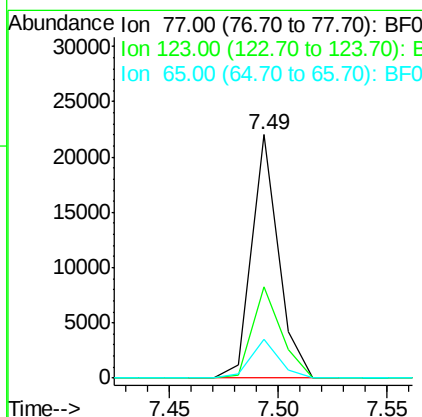
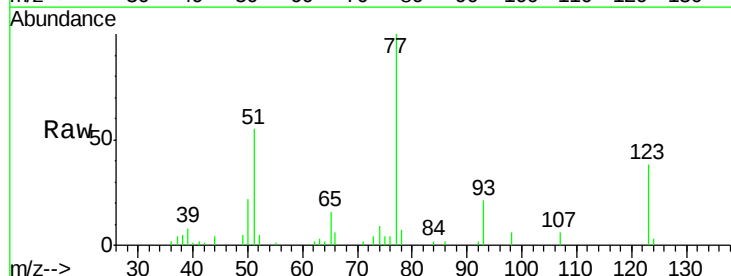
Instrument :
BNA_F
ClientSampleId :

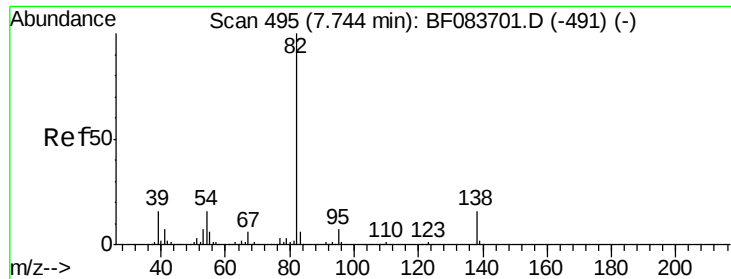
Tot Ion	82	Resp	31968
Ion Ratio	Lower	Upper	
82	100		
128	50.2	30.7	46.1#
54	44.9	42.5	63.7



#24
Nitrobenzene
Concen: 1.30 ng
RT: 7.49 min Scan# 473
Delta R.T. -0.01 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion	77	Resp	18766
Ion Ratio	Lower	Upper	
77	100		
123	37.5	29.8	44.6
65	15.8	11.1	16.7

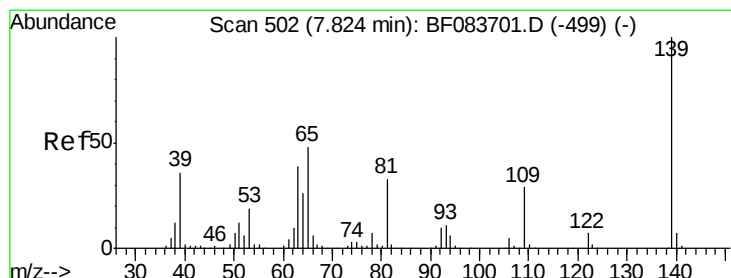
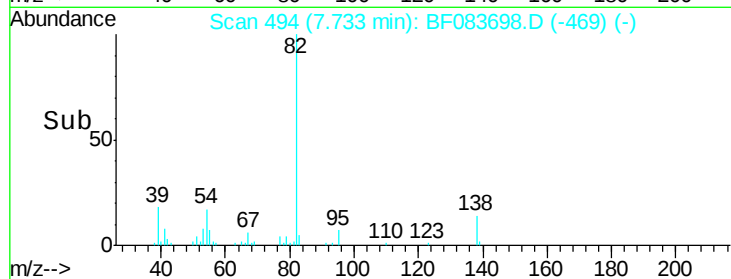
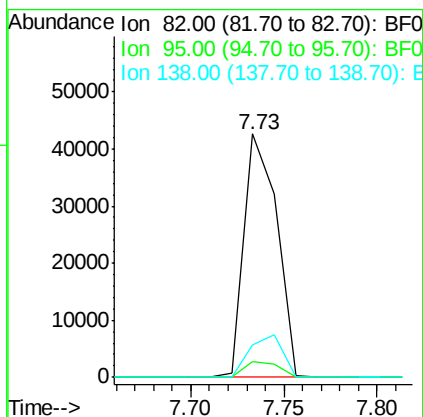
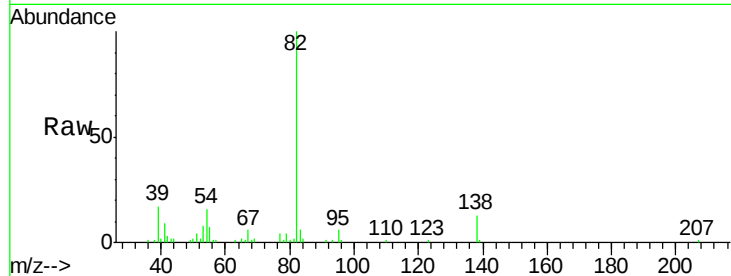




#25
Isophorone
Concen: 2.05 ng
RT: 7.73 min Scan# 494
Delta R.T. -0.01 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

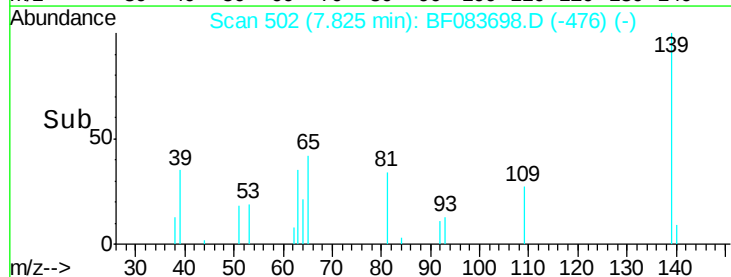
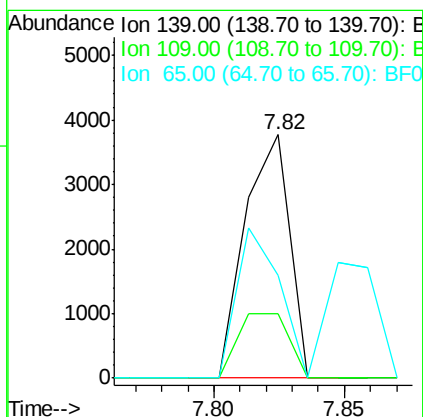
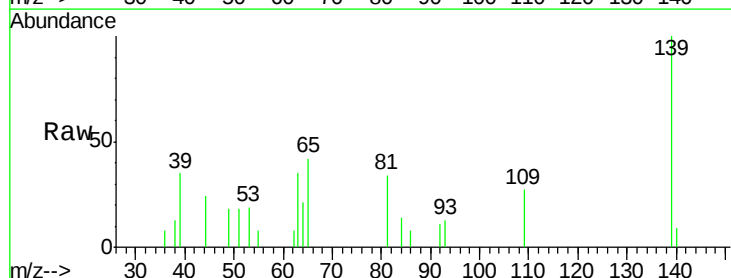
Instrument :
BNA_F
ClientSampleId :

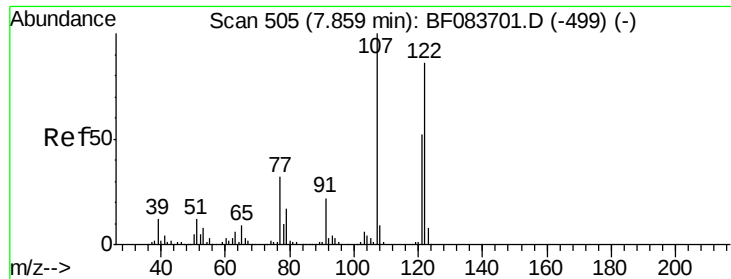
Tot Ion: 82 Resp: 51940
Ion Ratio Lower Upper
82 100
95 6.3 5.0 7.4
138 13.2 12.1 18.1



#26
2-Nitrophenol
Concen: 0.79 ng
RT: 7.82 min Scan# 502
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion: 139 Resp: 4511
Ion Ratio Lower Upper
139 100
109 26.7 22.7 34.1
65 42.3 51.8 77.8#





#27

2,4-Dimethylphenol

Concen: 2.75 ng

RT: 7.86 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF083698.D

Acq: 11 Dec 2015 15:20

Instrument :

BNA_F

ClientSampled :

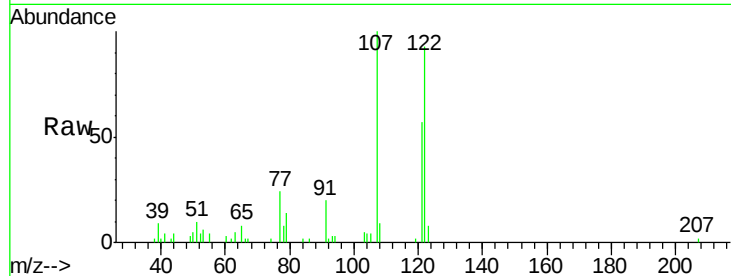
Tot Ion:122 Resp: 27493

Ion Ratio Lower Upper

122 100

107 108.1 92.4 138.6

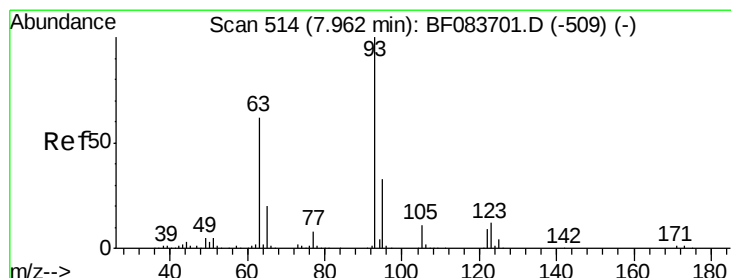
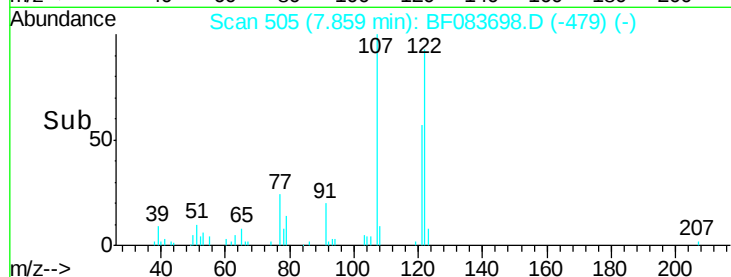
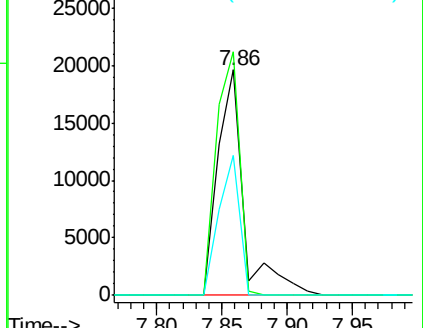
121 61.9 45.8 68.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 2.13 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.01 min

Lab File: BF083698.D

Acq: 11 Dec 2015 15:20

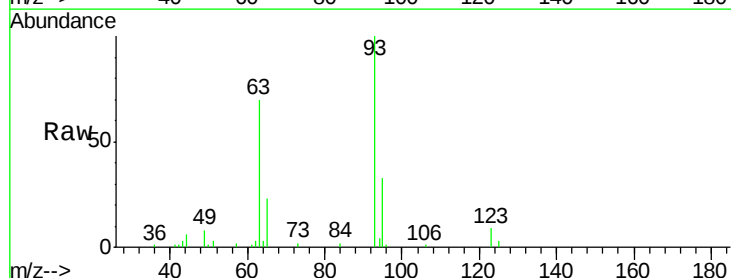
Tgt Ion: 93 Resp: 29903

Ion Ratio Lower Upper

93 100

95 32.6 25.6 38.4

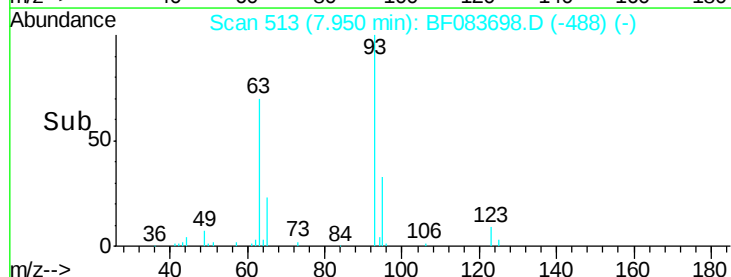
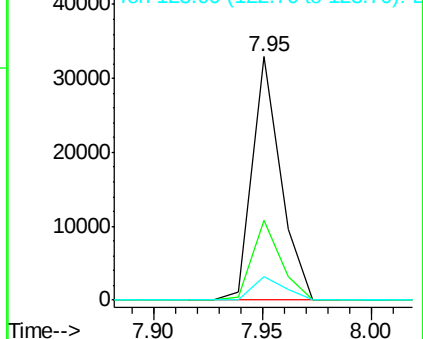
123 9.5 7.3 10.9

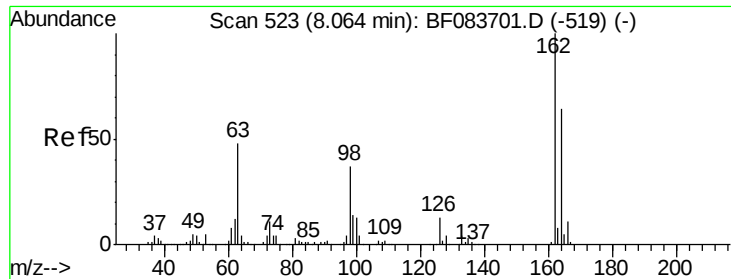


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

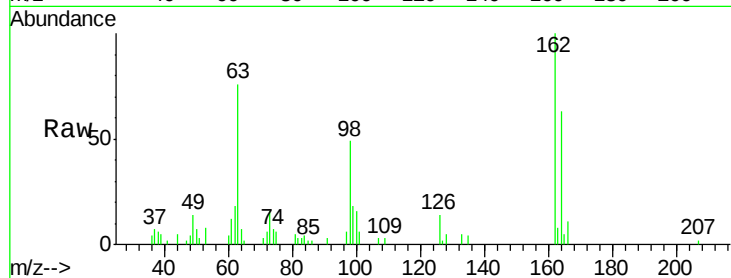




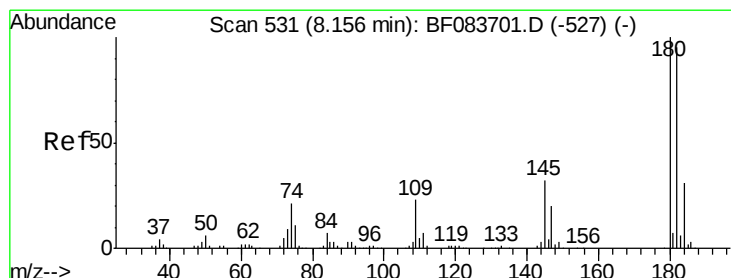
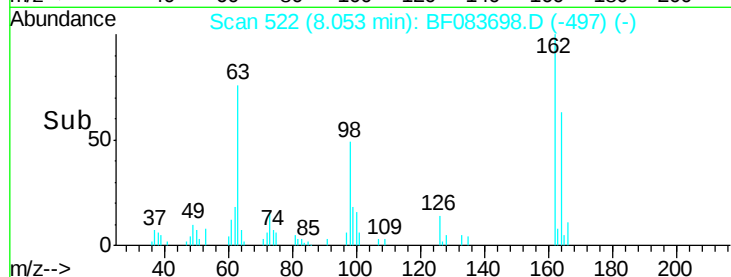
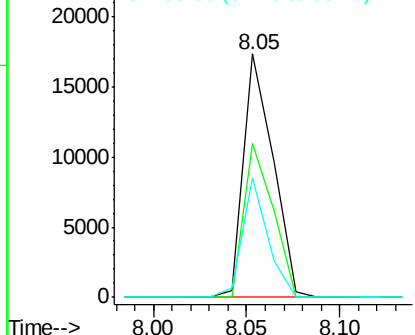
#29
2,4-Dichlorophenol
Concen: 2.10 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 19103
Ion Ratio Lower Upper
162 100
164 63.5 43.4 83.4
98 49.2 17.5 57.5

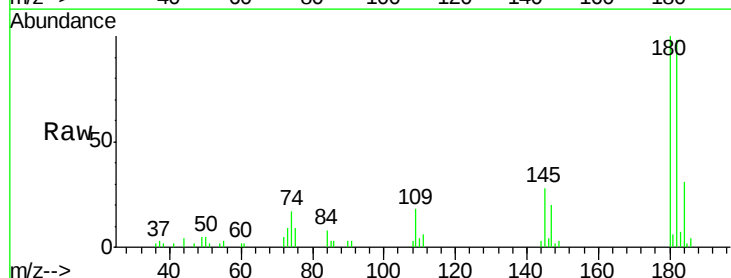


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

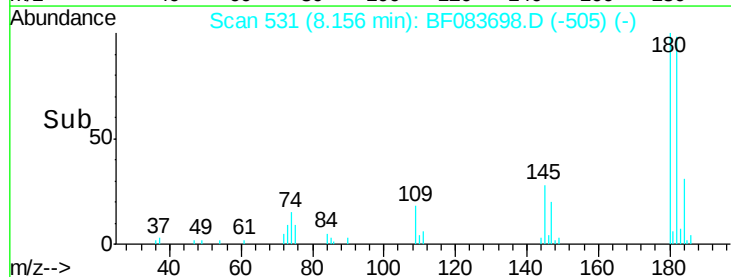
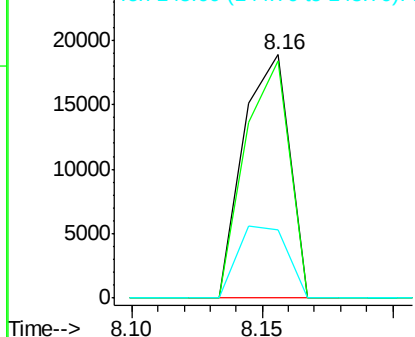


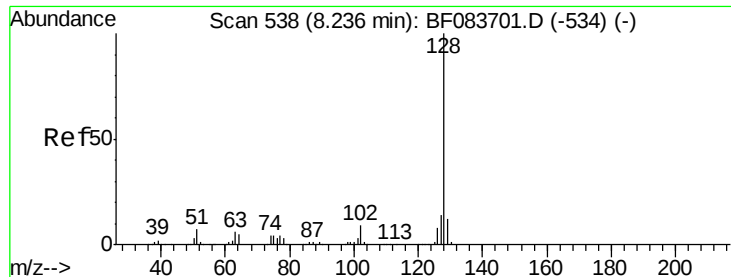
#30
1,2,4-Trichlorobenzene
Concen: 2.32 ng
RT: 8.16 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:180 Resp: 23289
Ion Ratio Lower Upper
180 100
182 97.5 74.9 112.3
145 27.8 24.7 37.1



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

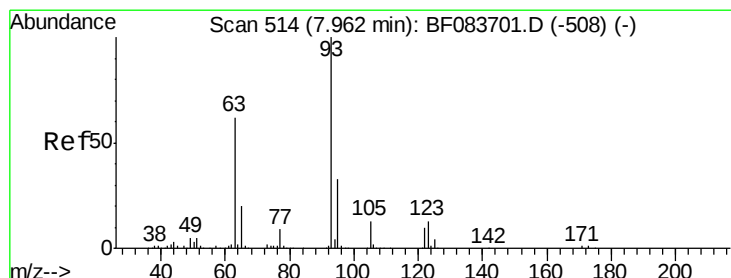
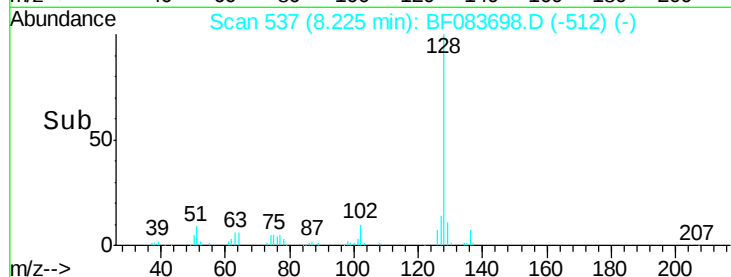
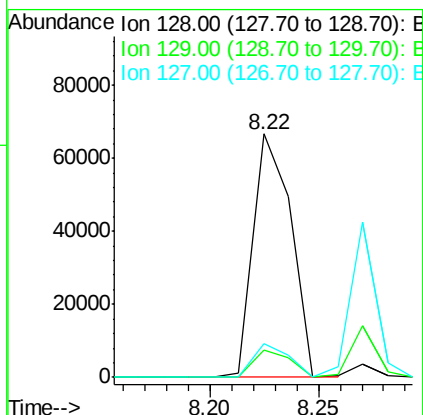
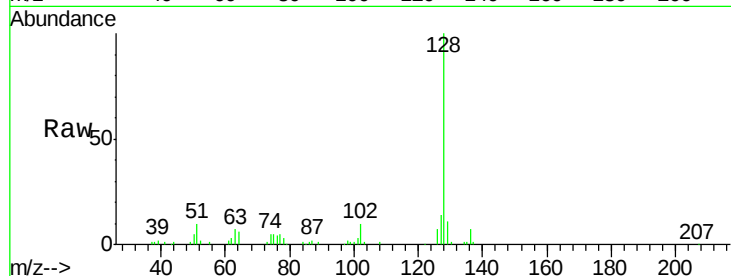




#31
Naphthalene
Concen: 2.51 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.01 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

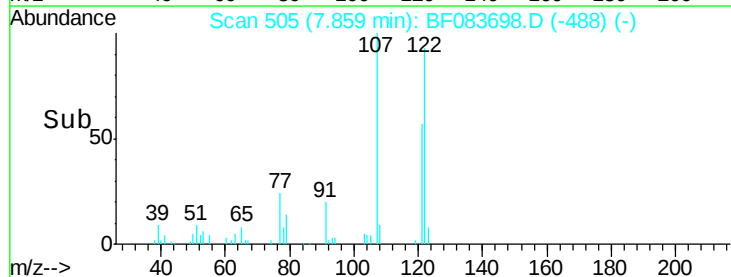
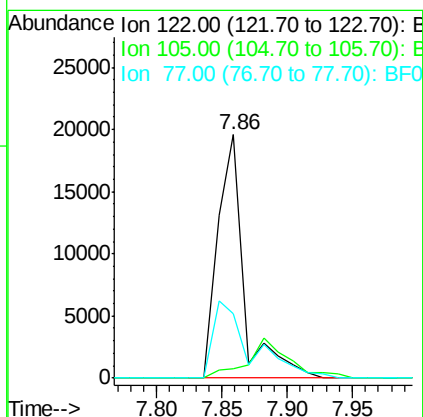
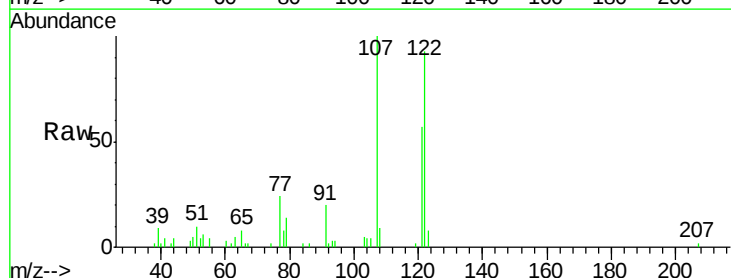
Instrument :
BNA_F
ClientSampleId :

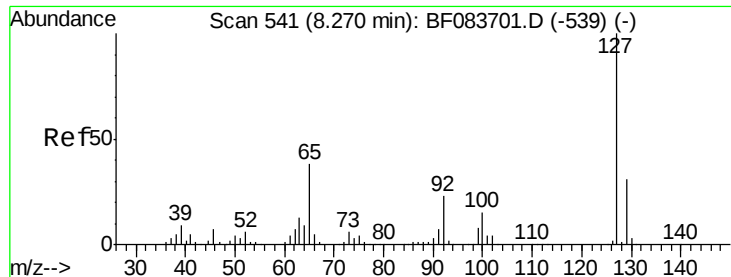
Tot Ion:128 Resp: 80858
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 14.0 10.6 16.0



#32
Benzoic acid
Concen: 4.88 ng
RT: 7.86 min Scan# 505
Delta R.T. -0.10 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:122 Resp: 27493
Ion Ratio Lower Upper
122 100
105 3.8 105.6 145.6#
77 26.4 86.8 126.8#

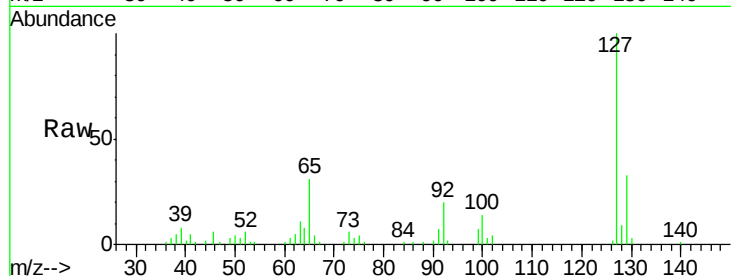




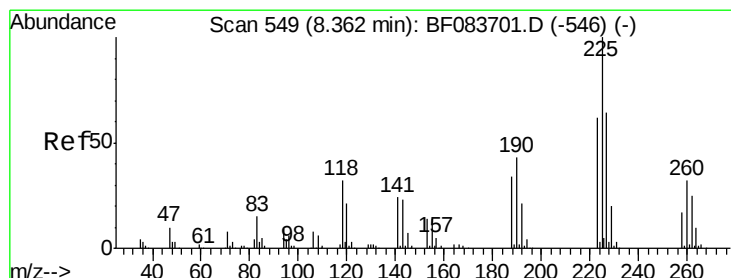
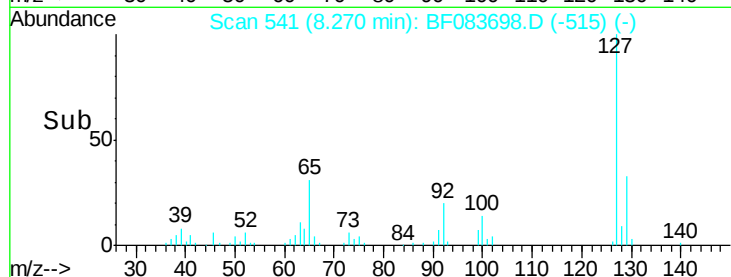
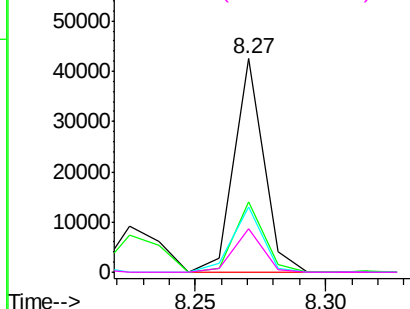
#33
4-Chloroaniline
Concen: 2.89 ng
RT: 8.27 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	33907
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.1	39.1
65	30.8	33.5	50.3#
92	20.4	18.6	28.0

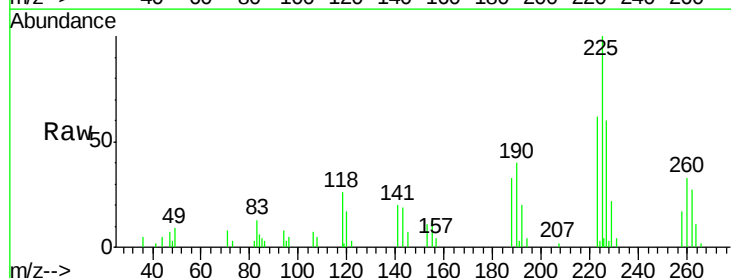


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

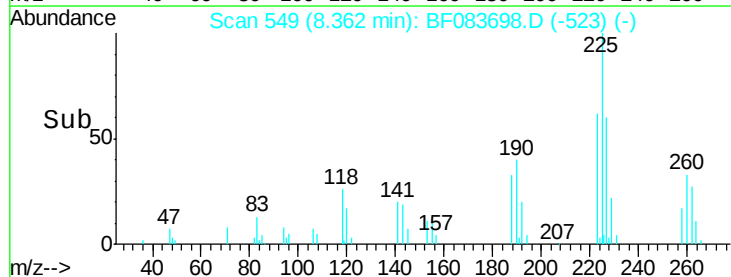
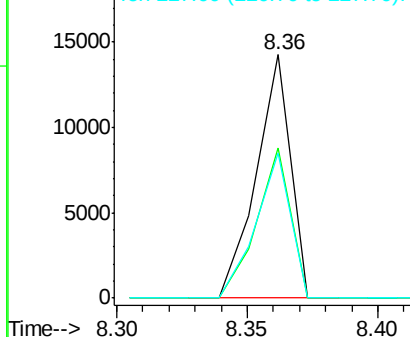


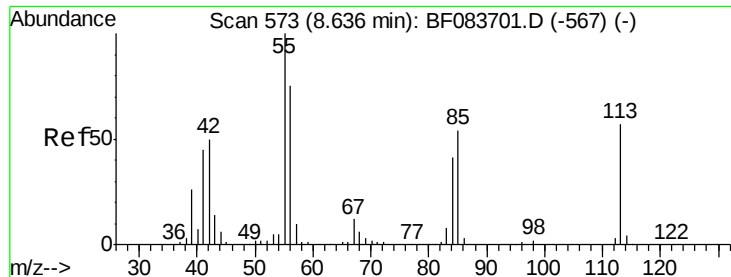
#34
Hexachlorobutadiene
Concen: 2.24 ng
RT: 8.36 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:	225	Resp:	13124
Ion	Ratio	Lower	Upper
225	100		
223	61.9	52.3	78.5
227	59.7	50.4	75.6



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

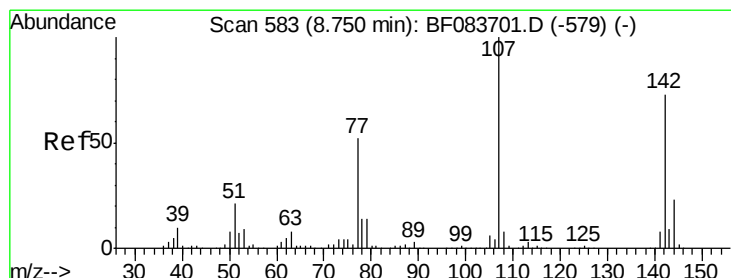
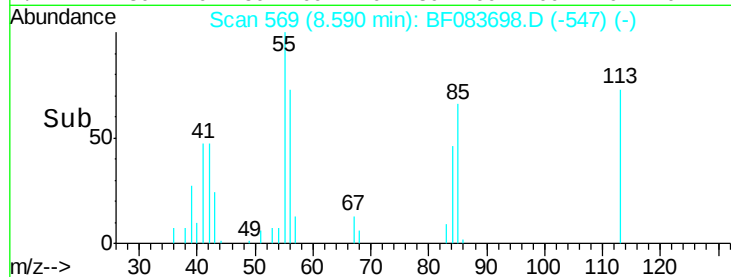
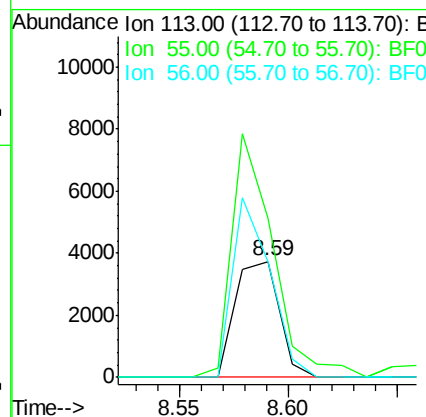
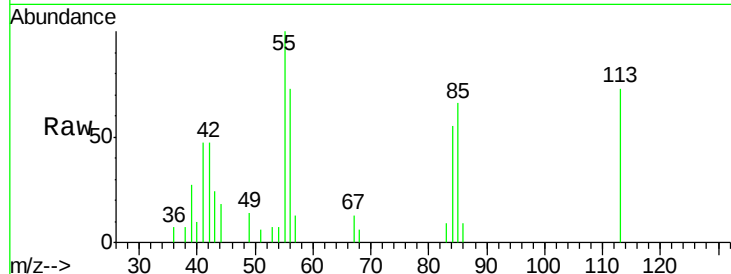




#35
 Caprolactam
 Concen: 1.92 ng
 RT: 8.59 min Scan# 569
 Delta R.T. -0.05 min
 Lab File: BF083698.D
 Acq: 11 Dec 2015 15:20

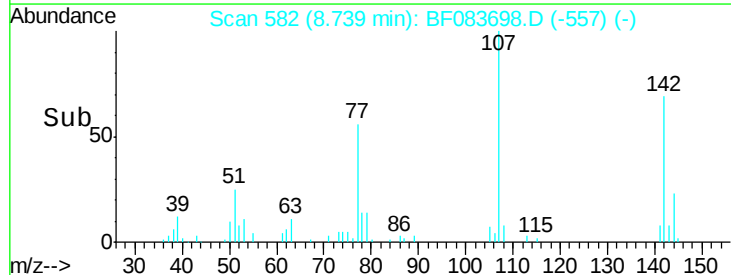
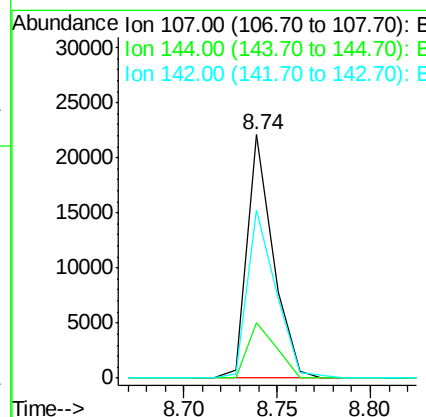
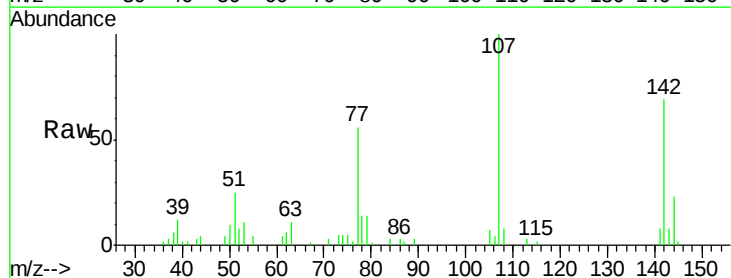
Instrument :
 BNA_F
 ClientSampleId :

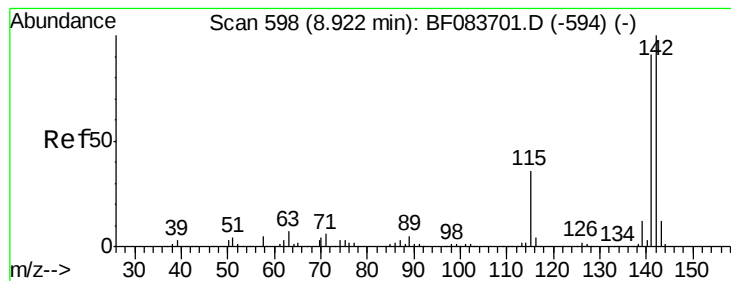
Tot Ion:113 Resp: 5251
 Ion Ratio Lower Upper
 113 100
 55 137.6 189.7 229.7#
 56 99.9 130.7 170.7#



#36
 4-Chloro-3-methylphenol
 Concen: 2.09 ng
 RT: 8.74 min Scan# 582
 Delta R.T. -0.01 min
 Lab File: BF083698.D
 Acq: 11 Dec 2015 15:20

Tgt Ion:107 Resp: 21387
 Ion Ratio Lower Upper
 107 100
 144 22.8 17.5 26.3
 142 69.0 53.6 80.4

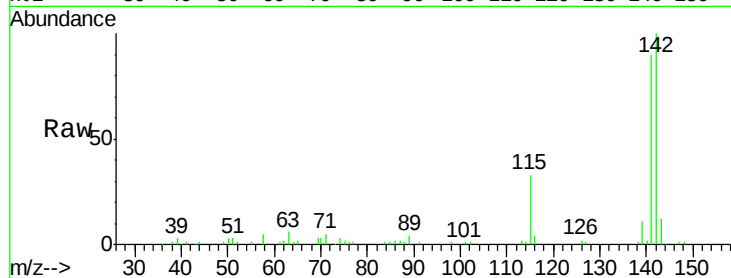




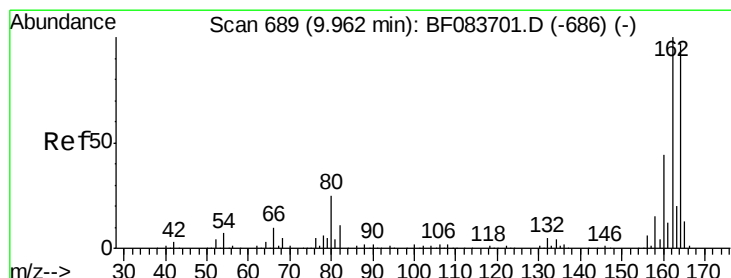
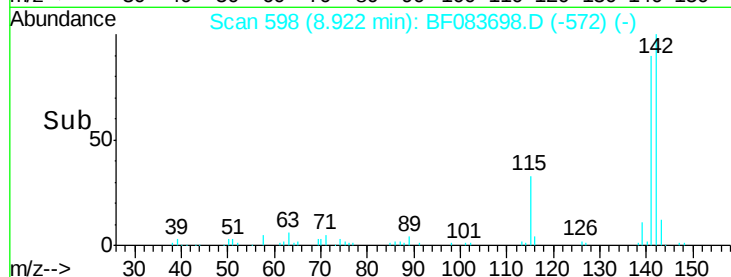
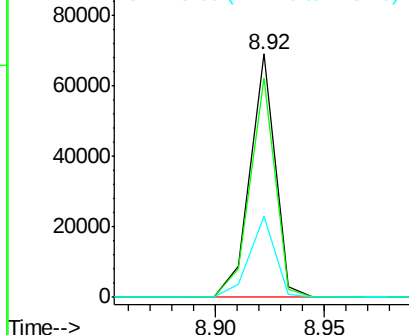
#37
 2-Methylnaphthalene
 Concen: 2.75 ng
 RT: 8.92 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF083698.D
 Acq: 11 Dec 2015 15:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 55559
 Ion Ratio Lower Upper
 142 100
 141 90.3 70.3 105.5
 115 33.5 29.2 43.8

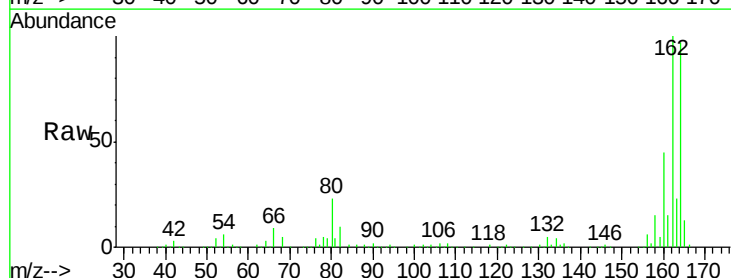


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

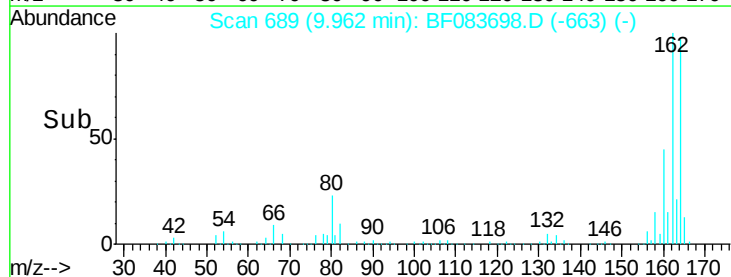
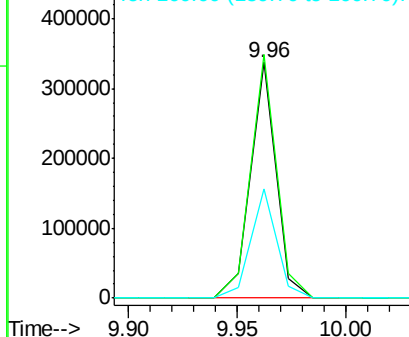


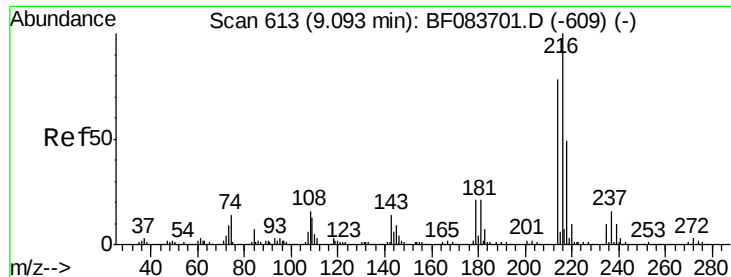
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.96 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: BF083698.D
 Acq: 11 Dec 2015 15:20

Tgt Ion:164 Resp: 274816
 Ion Ratio Lower Upper
 164 100
 162 103.3 78.8 118.2
 160 46.1 33.4 50.2



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

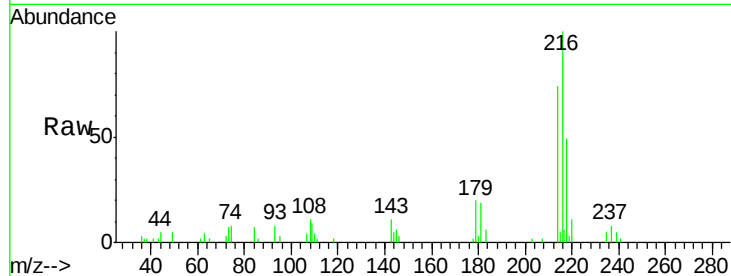




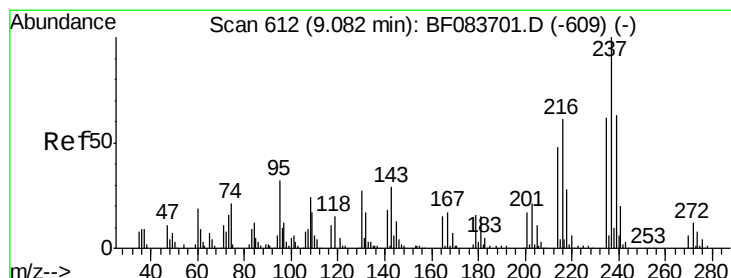
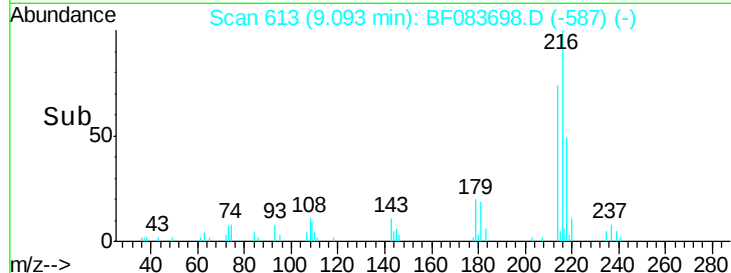
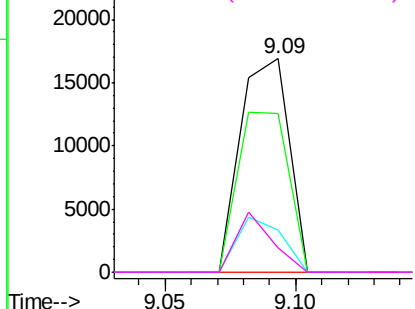
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 2.46 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF083698.D
 Acq: 11 Dec 2015 15:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	22173
Ion Ratio	Lower	Upper
216	100	
214	77.7	0.0 0.0#
179	23.7	0.0 0.0#
108	20.6	0.0 0.0#

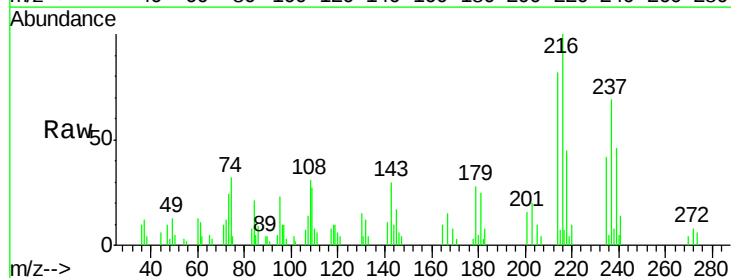


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

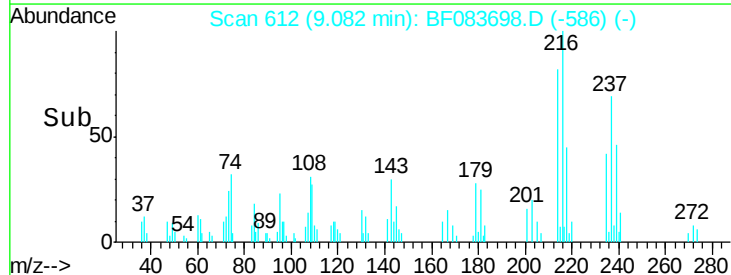
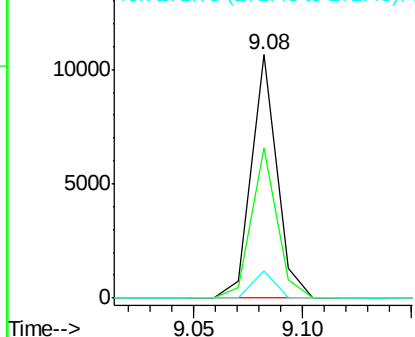


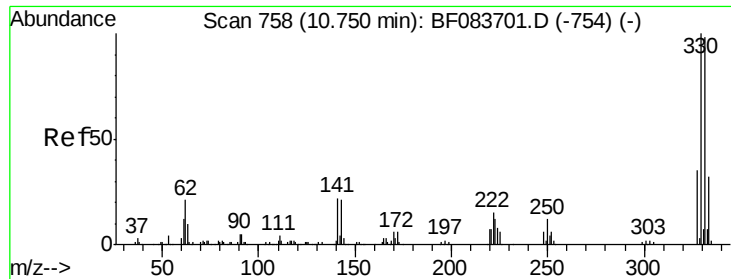
#40
 Hexachlorocyclopentadiene
 Concen: 7.13 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF083698.D
 Acq: 11 Dec 2015 15:20

Tgt Ion:237	Resp:	8713
Ion Ratio	Lower	Upper
237	100	
235	61.5	43.9 83.9
272	11.3	0.0 31.8



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

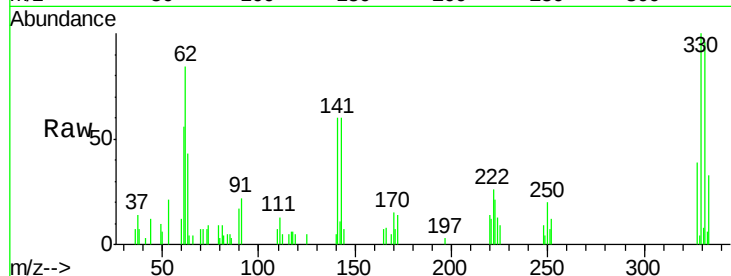




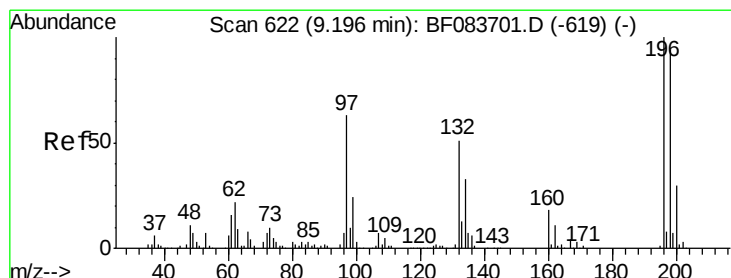
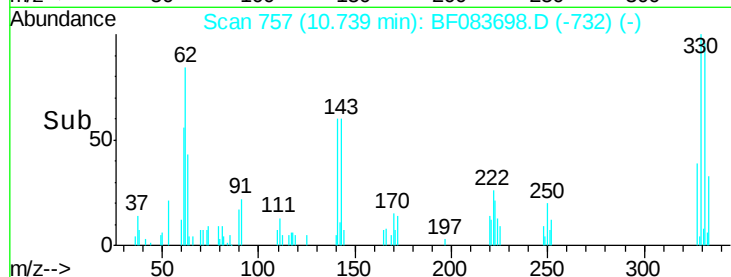
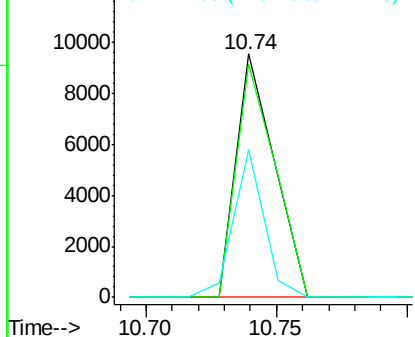
#41
 2,4,6-Tribromophenol
 Concen: 4.01 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF083698.D
 Acq: 11 Dec 2015 15:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 9806
 Ion Ratio Lower Upper
 330 100
 332 97.8 0.0 0.0#
 141 49.0 0.0 0.0#

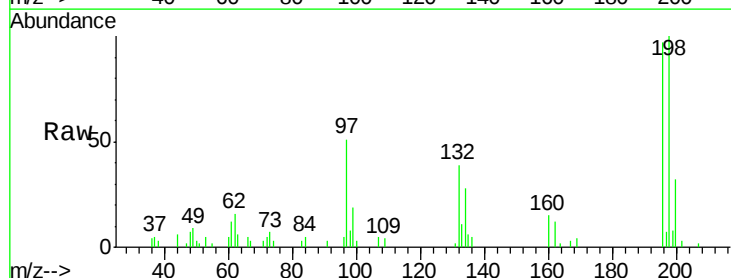


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

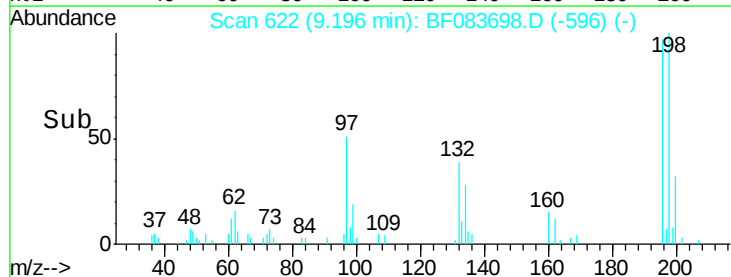
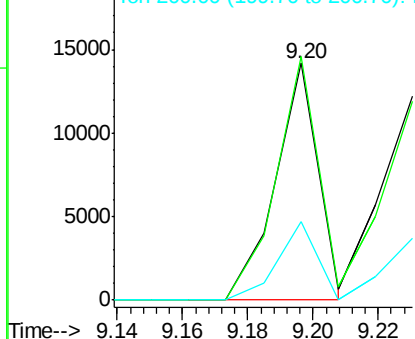


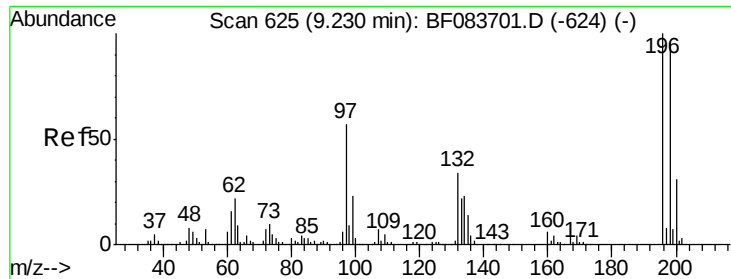
#42
 2,4,6-Trichlorophenol
 Concen: 2.41 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF083698.D
 Acq: 11 Dec 2015 15:20

Tgt Ion:196 Resp: 12920
 Ion Ratio Lower Upper
 196 100
 198 102.8 75.2 112.8
 200 33.0 23.0 34.6



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

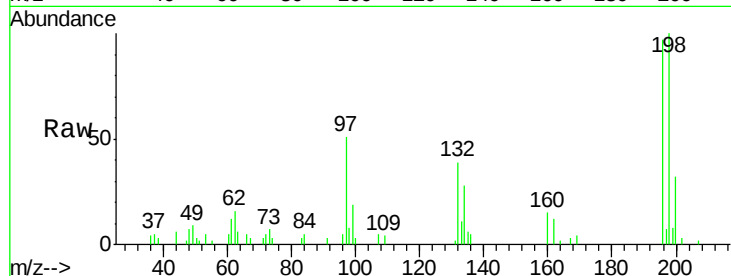




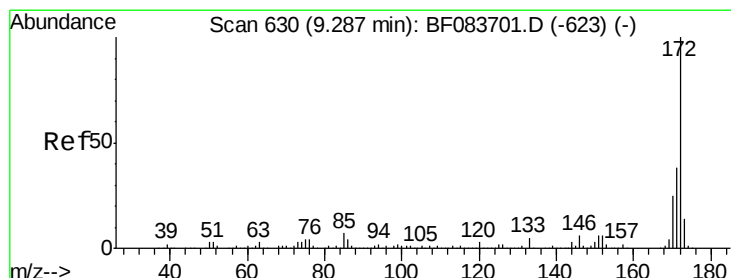
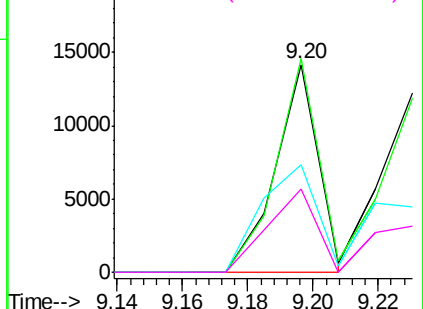
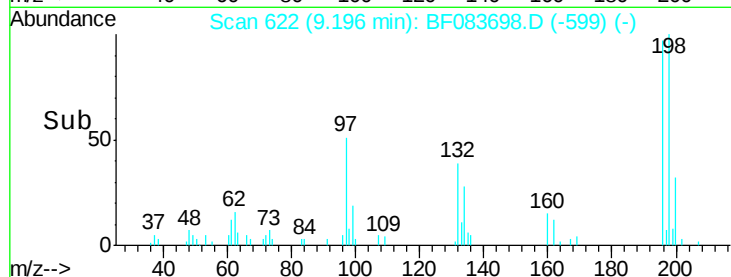
#43
2,4,5-Trichlorophenol
Concen: 2.43 ng
RT: 9.20 min Scan# 622
Delta R.T. -0.03 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 12920
Ion Ratio Lower Upper
196 100
198 102.8 77.7 116.5
97 52.1 41.2 61.8
132 39.8 21.8 32.8#

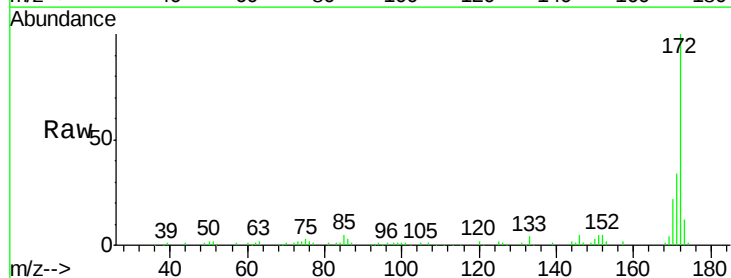


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

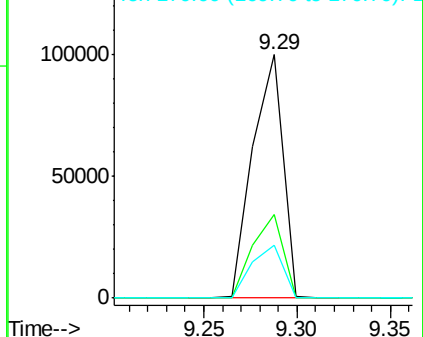
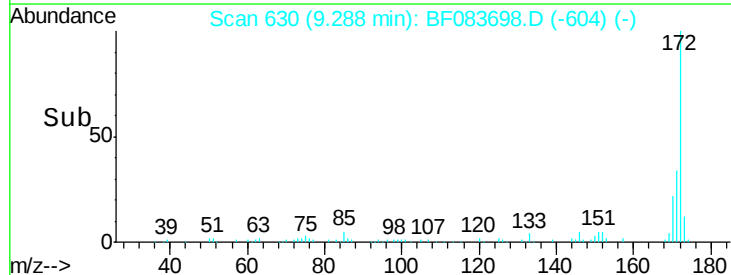


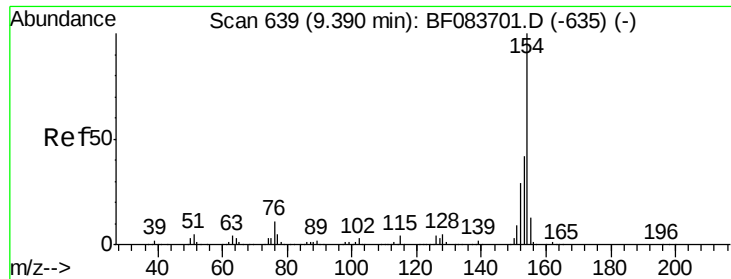
#44
2-Fluorobiphenyl
Concen: 5.74 ng
RT: 9.29 min Scan# 630
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:172 Resp: 112066
Ion Ratio Lower Upper
172 100
171 34.2 28.6 42.8
170 21.8 19.4 29.0



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: 2.74 ng

RT: 9.38 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF083698.D

Acq: 11 Dec 2015 15:20

Instrument :

BNA_F

ClientSampleId :

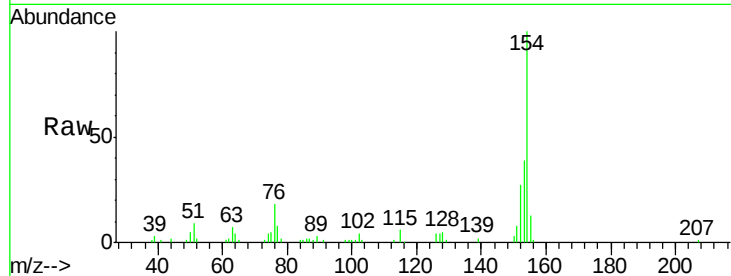
Tot Ion:154 Resp: 65553

Ion Ratio Lower Upper

154 100

153 39.5 20.2 60.2

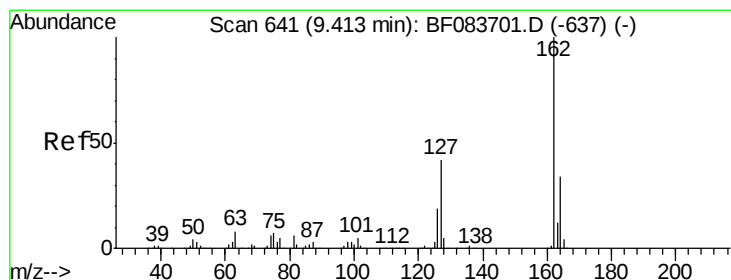
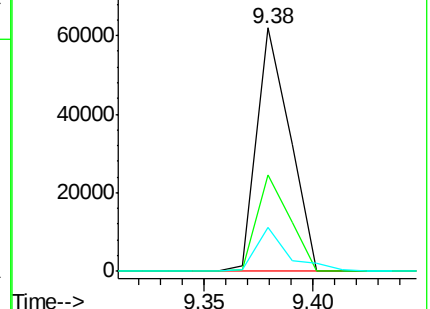
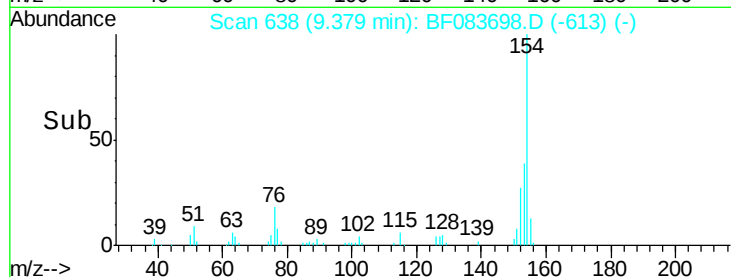
76 18.1 0.0 34.8



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: 2.65 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.01 min

Lab File: BF083698.D

Acq: 11 Dec 2015 15:20

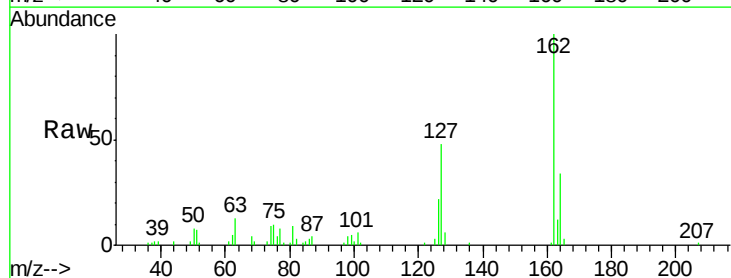
Tgt Ion:162 Resp: 47740

Ion Ratio Lower Upper

162 100

127 47.9 31.0 46.4#

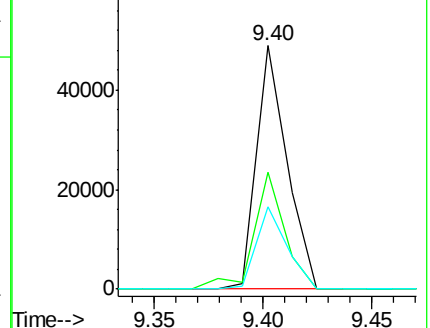
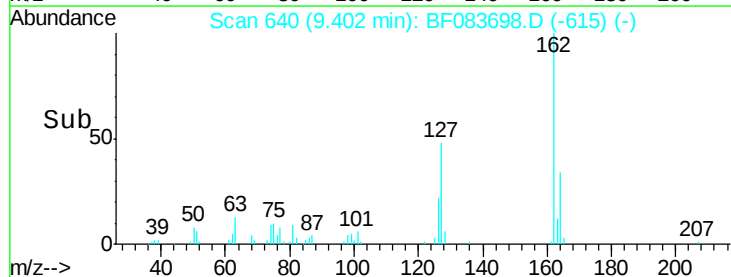
164 33.6 27.4 41.0

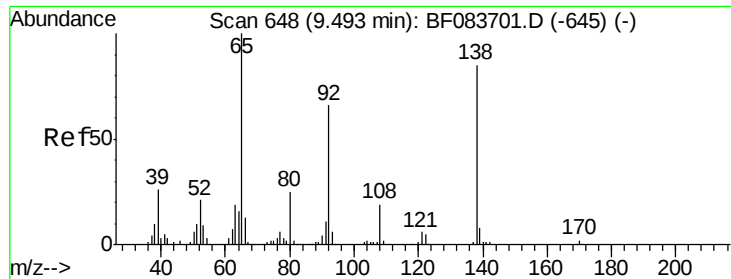


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

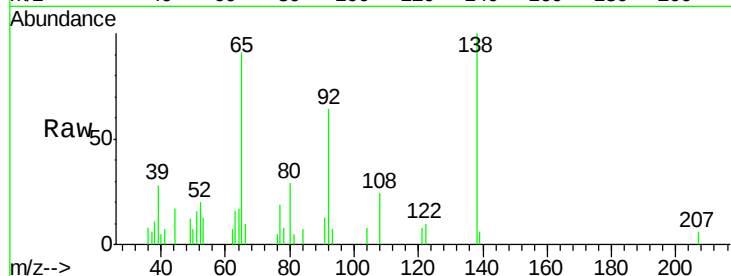




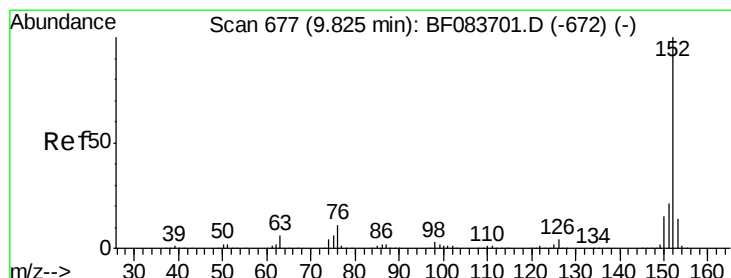
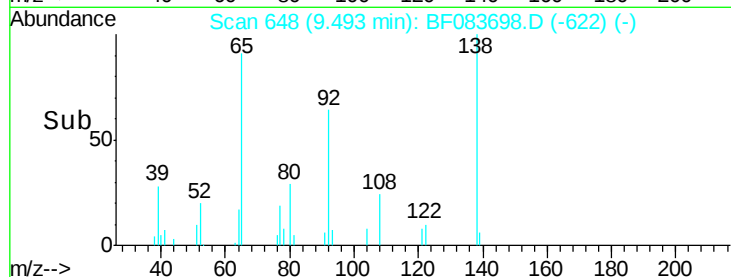
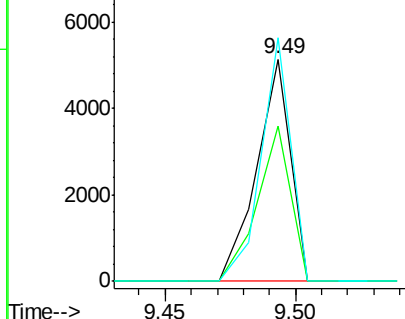
#47
2-Nitroaniline
Concen: 0.72 ng
RT: 9.49 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 4687
Ion Ratio Lower Upper
65 100
92 70.0 49.6 74.4
138 109.5 64.1 96.1#

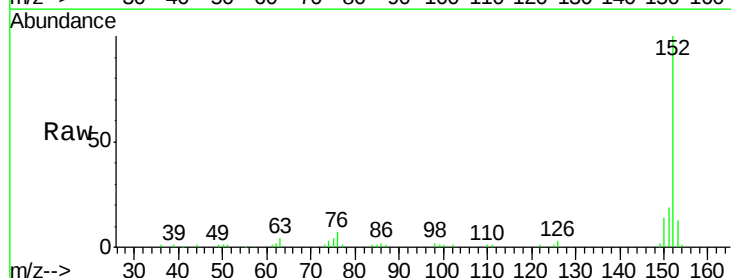


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

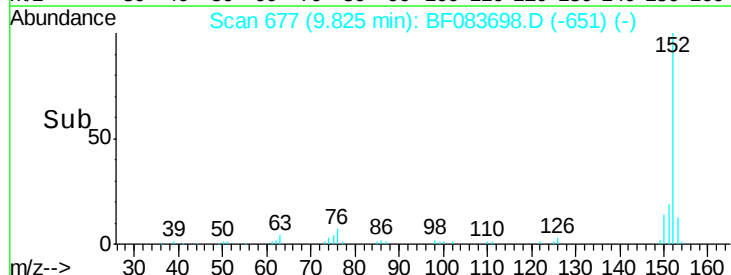
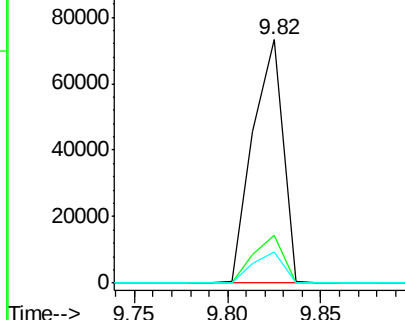


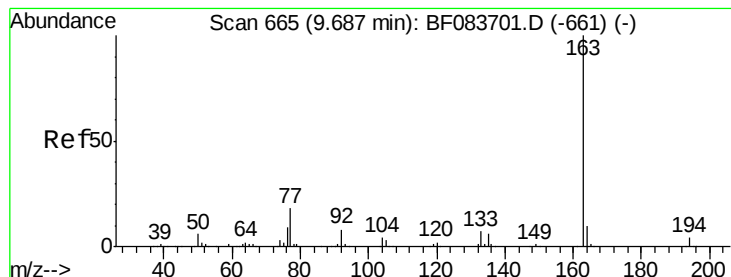
#48
Acenaphthylene
Concen: 2.76 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion: 152 Resp: 82144
Ion Ratio Lower Upper
152 100
151 19.5 16.3 24.5
153 12.7 10.8 16.2



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





#49

Dimethylphthalate

Concen: 2.69 ng

RT: 9.68 min Scan# 664

Delta R.T. -0.01 min

Lab File: BF083698.D

Acq: 11 Dec 2015 15:20

Instrument :

BNA_F

ClientSampleId :

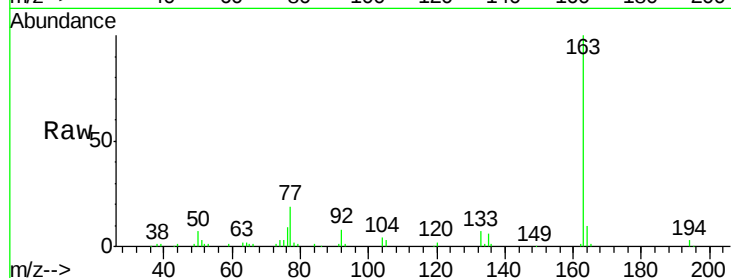
Tot Ion:163 Resp: 58917

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

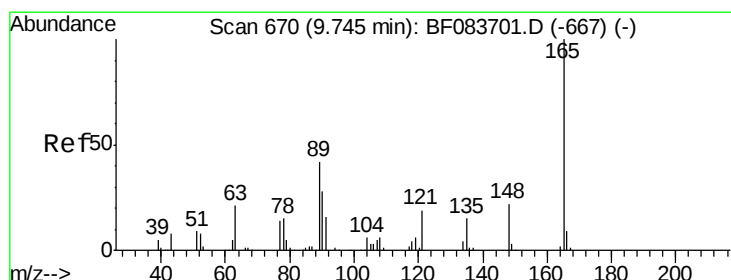
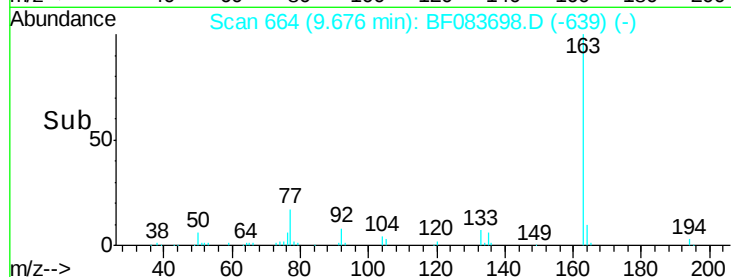
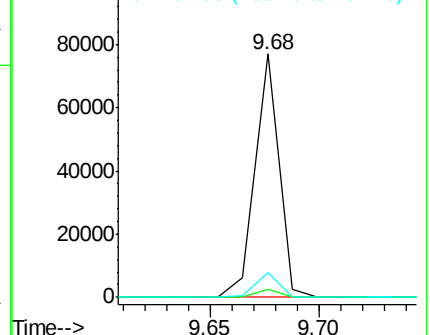
164 10.2 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 0.82 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.01 min

Lab File: BF083698.D

Acq: 11 Dec 2015 15:20

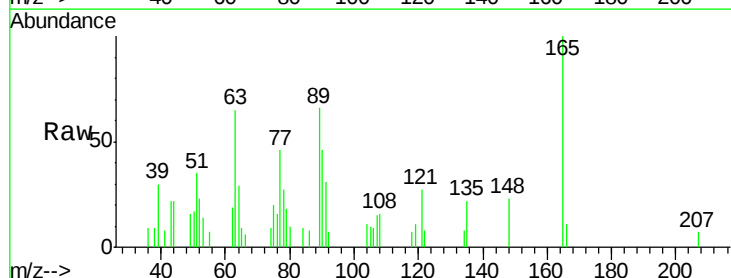
Tgt Ion:165 Resp: 3705

Ion Ratio Lower Upper

165 100

63 65.1 56.9 85.3

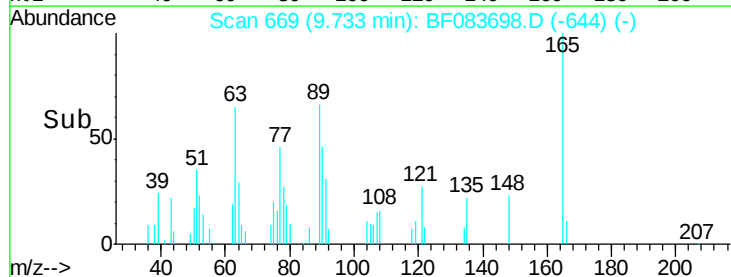
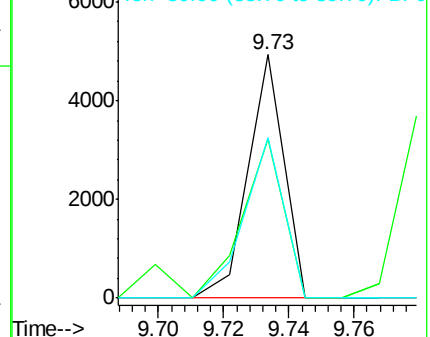
89 65.7 52.1 78.1

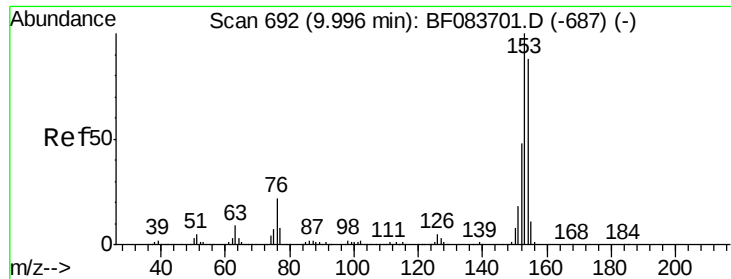


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 2.94 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF083698.D

Acq: 11 Dec 2015 15:20

Instrument :

BNA_F

ClientSampleId :

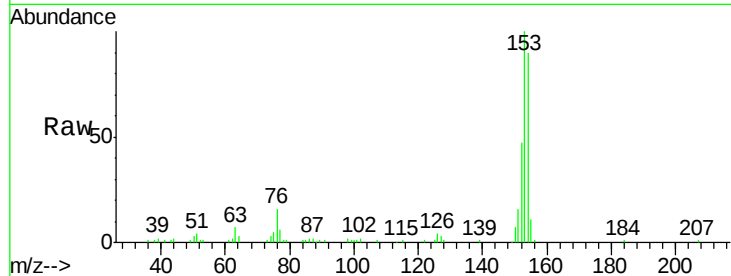
Tot Ion:154 Resp: 50013

Ion Ratio Lower Upper

154 100

153 111.6 91.4 137.0

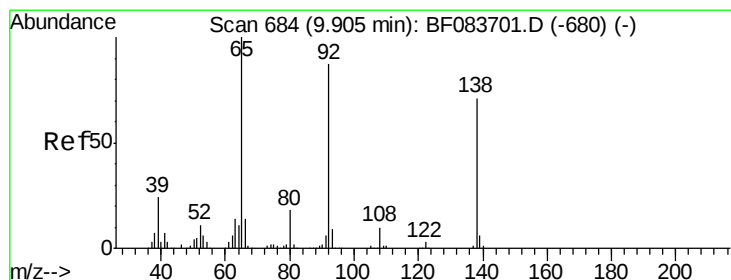
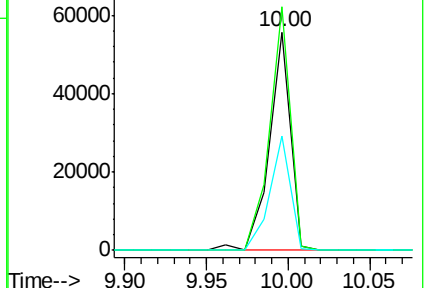
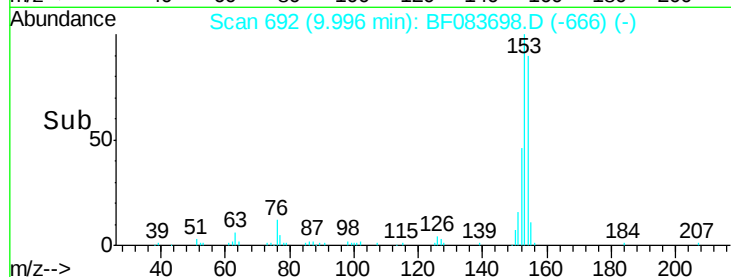
152 52.5 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 0.95 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF083698.D

Acq: 11 Dec 2015 15:20

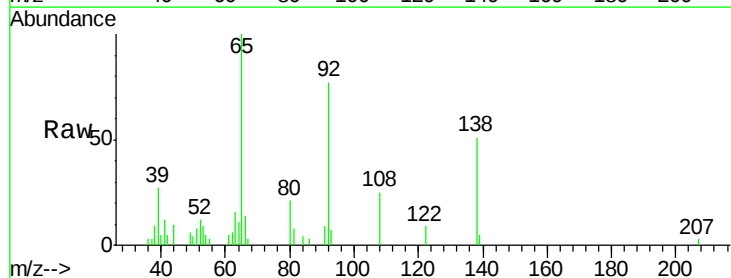
Tgt Ion:138 Resp: 4578

Ion Ratio Lower Upper

138 100

108 48.4 9.9 14.9#

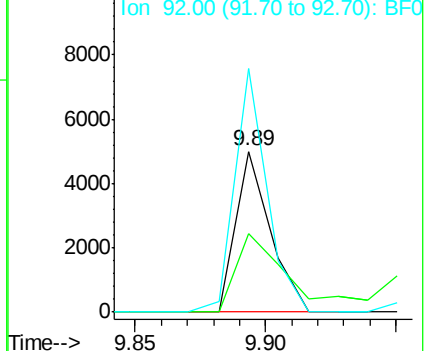
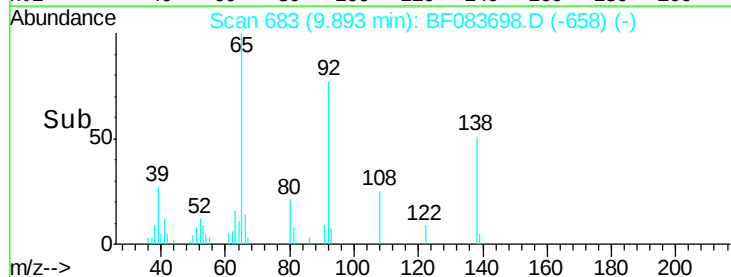
92 151.4 113.8 170.8

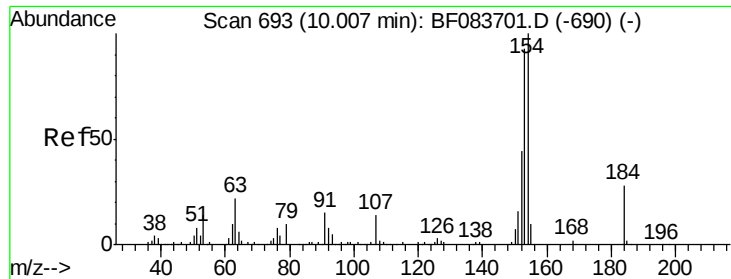


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

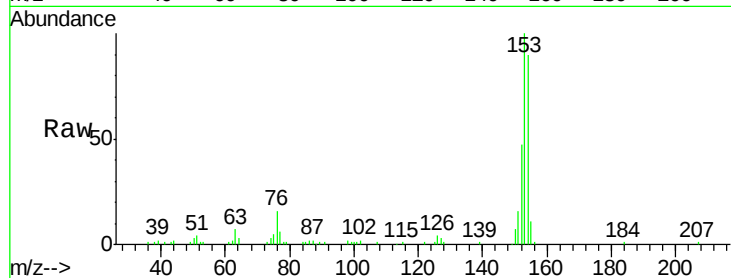




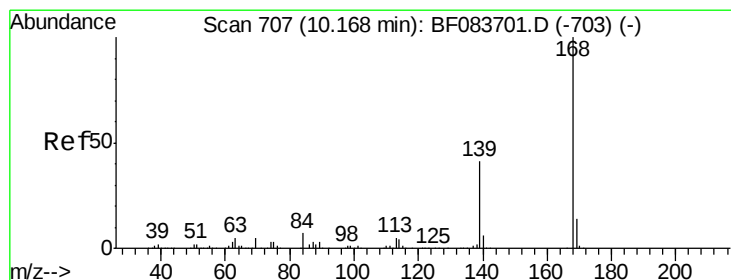
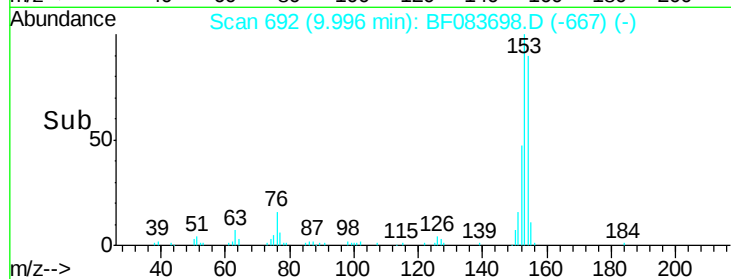
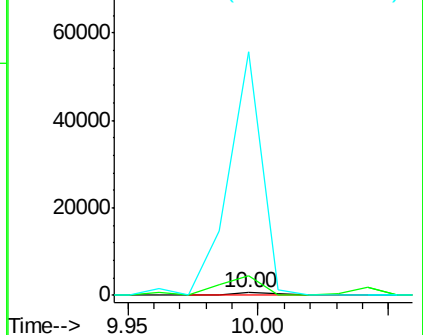
#53
2,4-Dinitrophenol
Concen: 0.34 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 653
Ion Ratio Lower Upper
184 100
63 850.5 62.4 93.6#
154 10400.0 46.6 69.8#

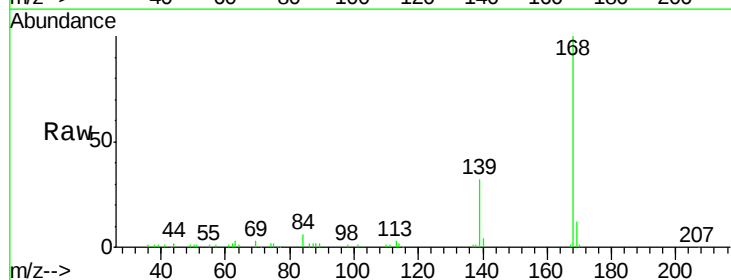


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

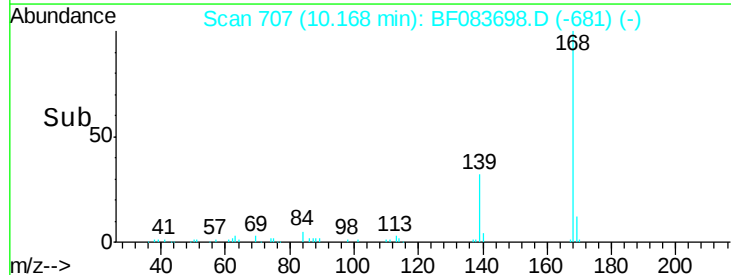
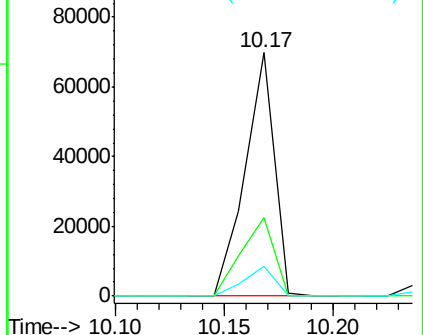


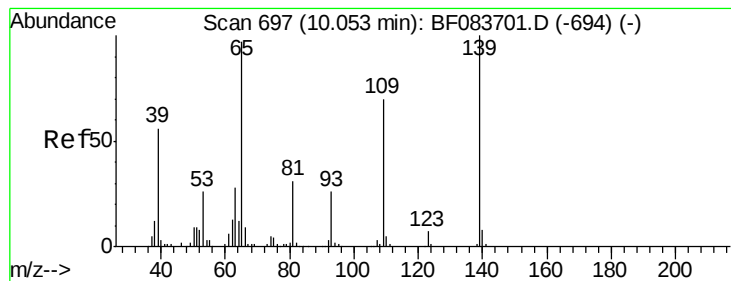
#54
Dibenzofuran
Concen: 2.76 ng
RT: 10.17 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:168 Resp: 65219
Ion Ratio Lower Upper
168 100
139 32.3 28.0 42.0
169 12.4 10.8 16.2



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: 2.24 na

RT: 10.04 min Scan# 696

Delta R.T. -0.01 min

Lab File: BF083698.D

Acq: 11 Dec 2015 15:20

Instrument :

BNA_F

ClientSampleId :

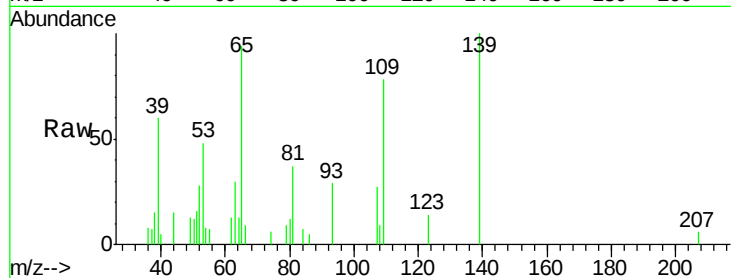
Tot Ion:139 Resp: 4727

Ion Ratio Lower Upper

139 100

109 77.8 42.0 82.0

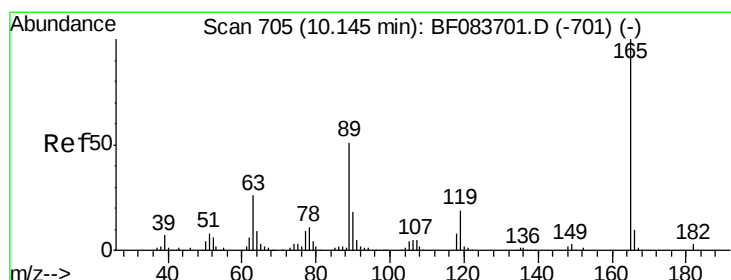
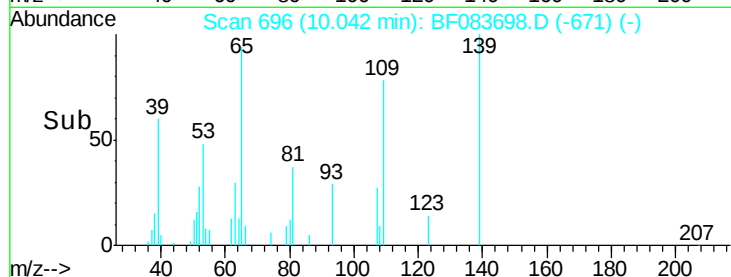
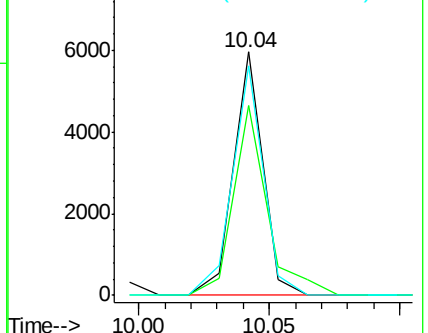
65 94.3 89.2 129.2



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: 0.69 ng

RT: 10.13 min Scan# 704

Delta R.T. -0.01 min

Lab File: BF083698.D

Acq: 11 Dec 2015 15:20

Tgt Ion:165 Resp: 4159

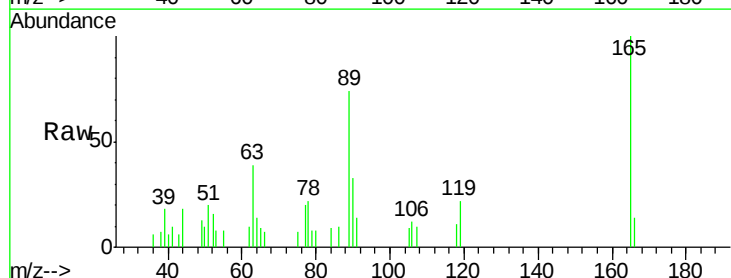
Ion Ratio Lower Upper

165 100

63 38.7 51.4 77.2#

89 73.6 72.6 108.8

182 0.0 1.4 2.0#

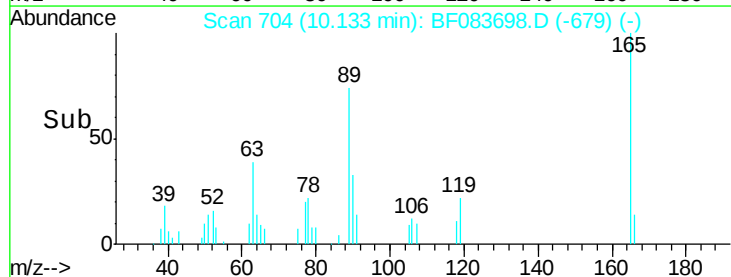
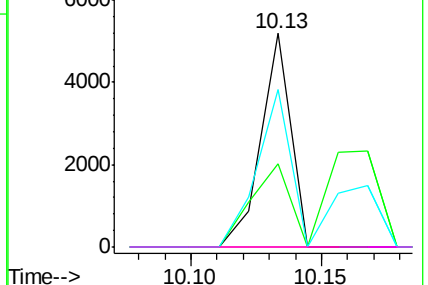


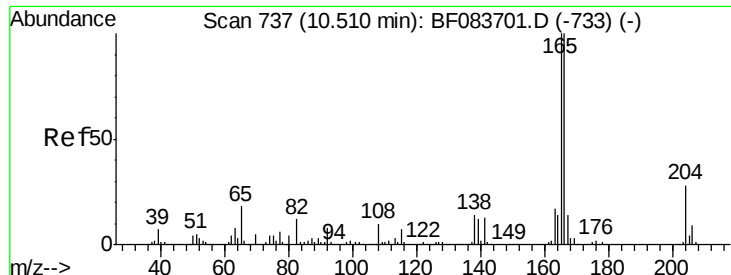
Abundance Ion 165.00 (164.70 to 165.70): E

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

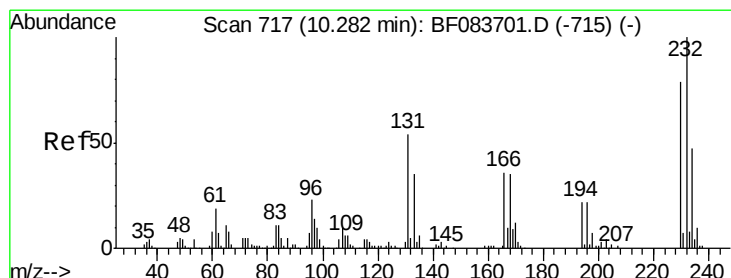
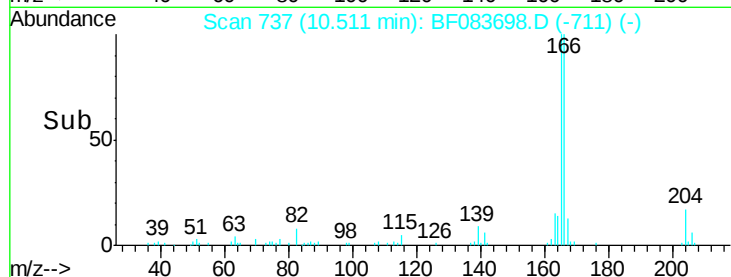
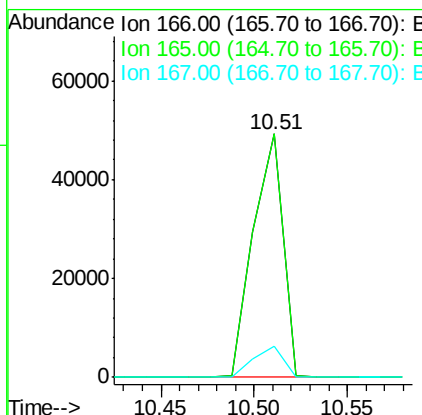
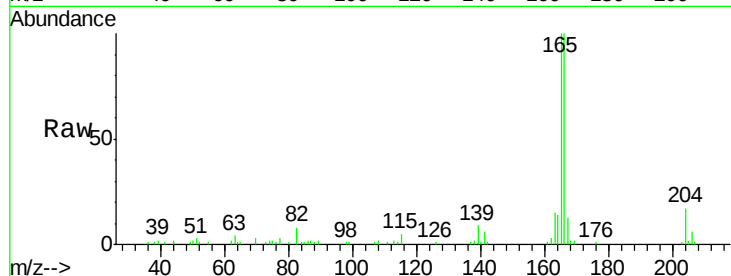




#57
 Fluorene
 Concen: 2.64 ng
 RT: 10.51 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BF083698.D
 Acq: 11 Dec 2015 15:20

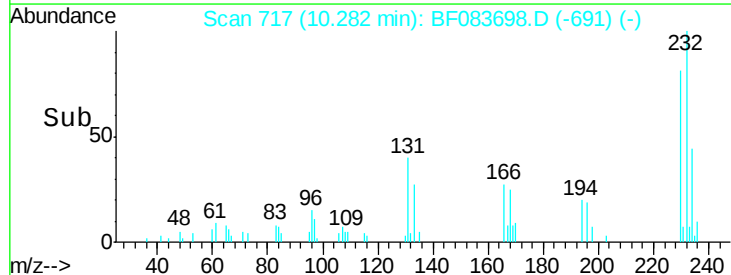
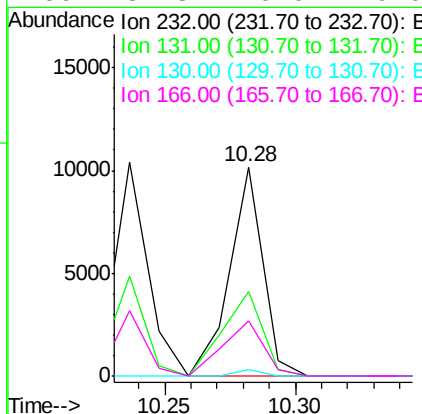
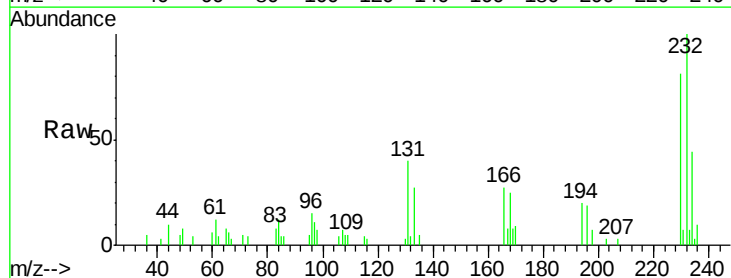
Instrument :
 BNA_F
 ClientSampleId :

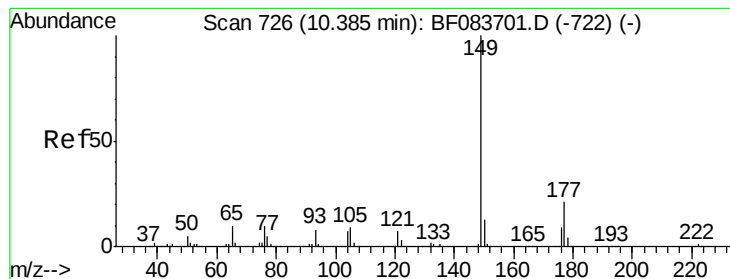
Tot Ion:166 Resp: 54351
 Ion Ratio Lower Upper
 166 100
 165 100.1 80.0 120.0
 167 12.7 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 2.31 ng
 RT: 10.28 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: BF083698.D
 Acq: 11 Dec 2015 15:20

Tgt Ion:232 Resp: 9107
 Ion Ratio Lower Upper
 232 100
 131 48.6 0.0 0.0#
 130 2.3 0.0 0.0#
 166 32.3 0.0 0.0#





#59

Diethylphthalate

Concen: 2.30 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF083698.D

Acq: 11 Dec 2015 15:20

Instrument :

BNA_F

ClientSampleId :

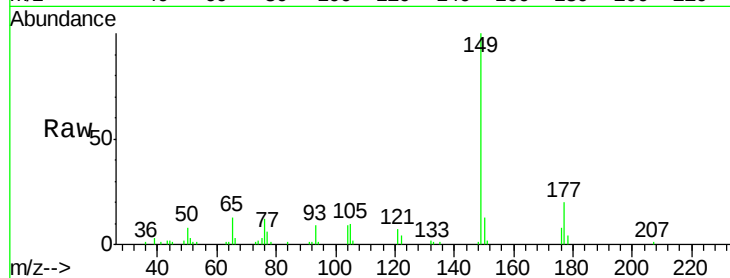
Tot Ion:149 Resp: 48990

Ion Ratio Lower Upper

149 100

177 19.7 16.9 25.3

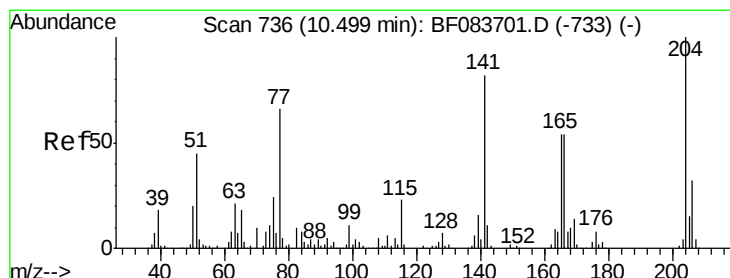
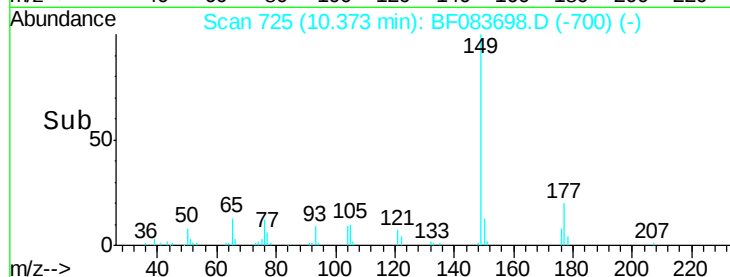
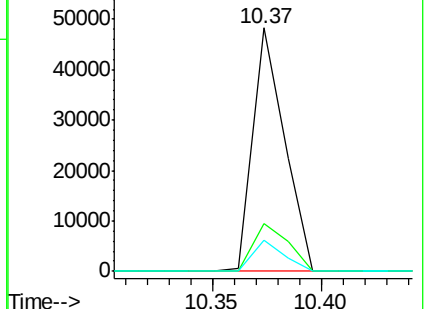
150 12.5 10.2 15.4



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: 2.53 ng

RT: 10.50 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF083698.D

Acq: 11 Dec 2015 15:20

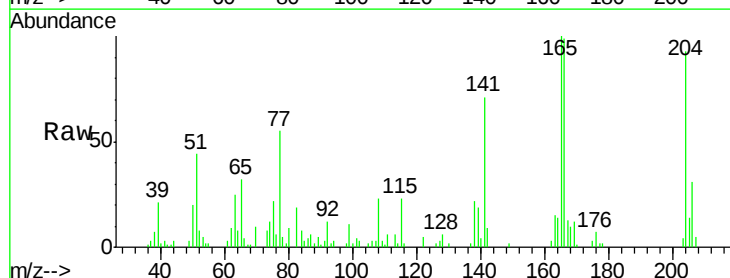
Tgt Ion:204 Resp: 24800

Ion Ratio Lower Upper

204 100

206 33.8 27.3 40.9

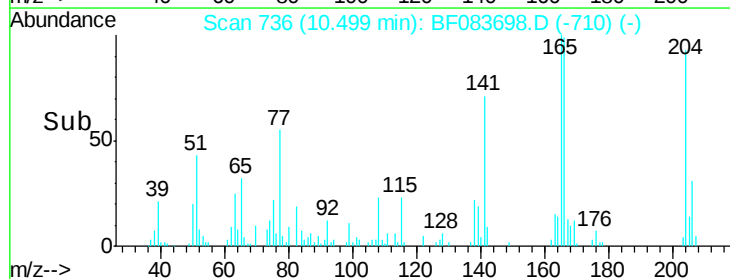
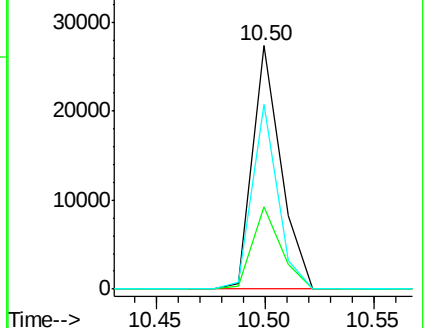
141 76.1 51.9 77.9

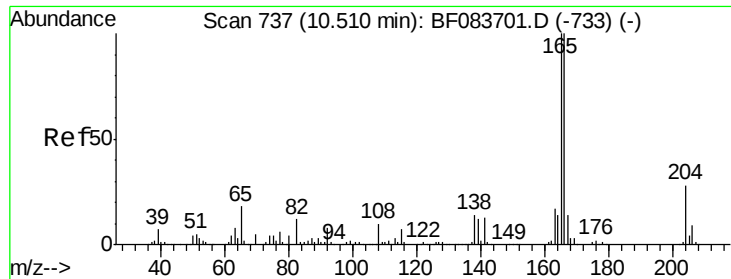


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

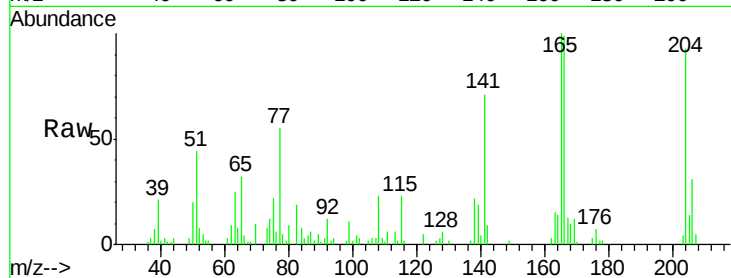




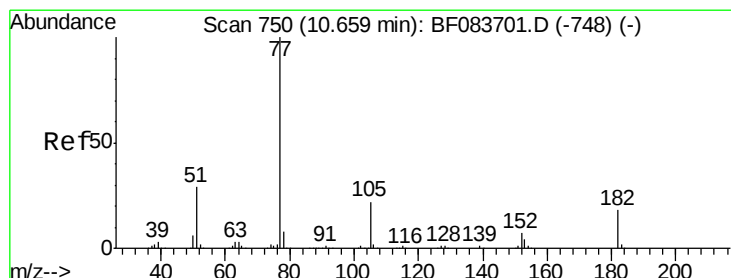
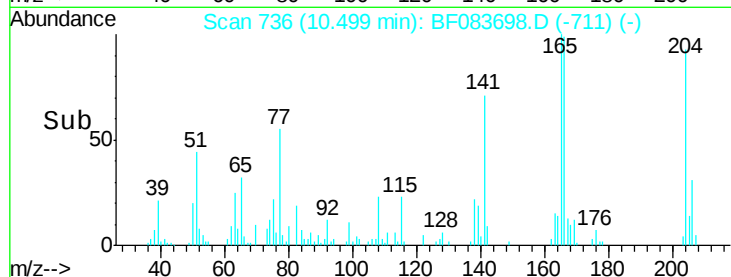
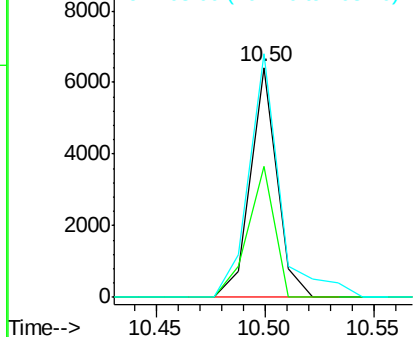
#61
4-Nitroaniline
Concen: 1.25 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 5443
Ion Ratio Lower Upper
138 100
92 56.8 29.0 69.0
108 106.0 47.4 87.4#

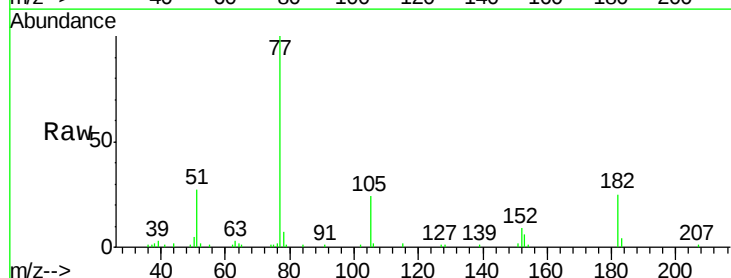


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

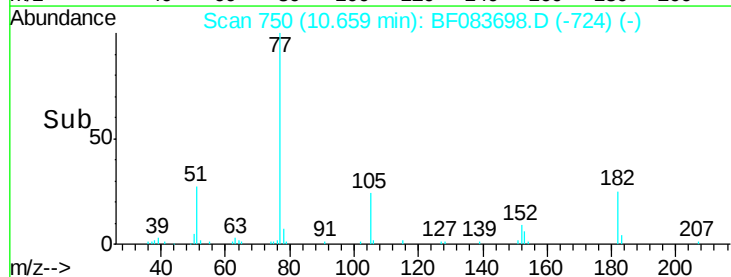
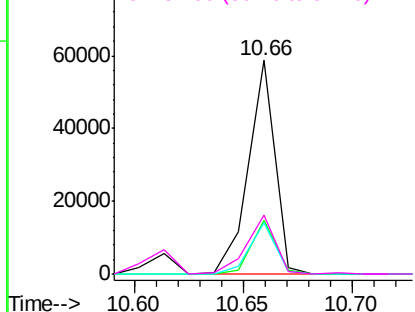


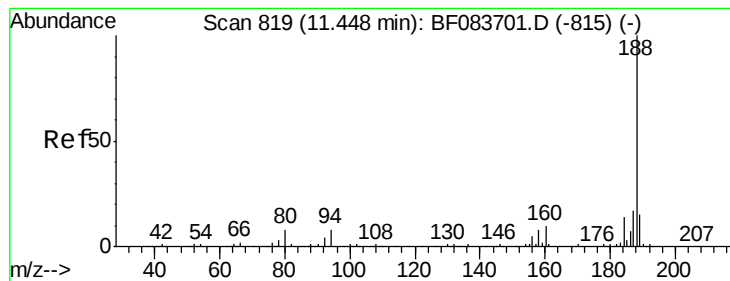
#62
Azobenzene
Concen: 2.13 ng
RT: 10.66 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion: 77 Resp: 49743
Ion Ratio Lower Upper
77 100
182 25.0 2.5 42.5
105 24.1 2.1 42.1
51 27.5 9.3 49.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF083698.D

Acq: 11 Dec 2015 15:20

Instrument :

BNA_F

ClientSampleId :

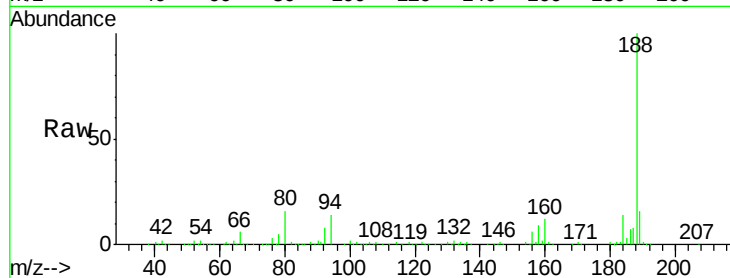
Tot Ion:188 Resp: 483428

Ion Ratio Lower Upper

188 100

94 14.3 9.4 14.2#

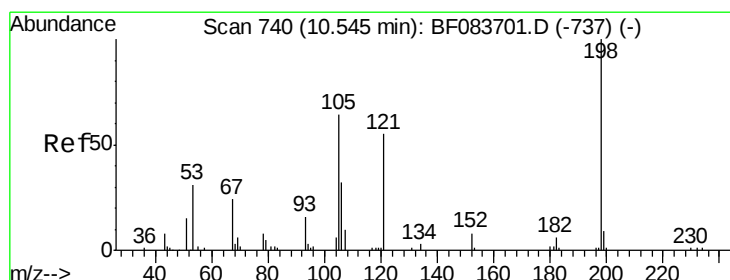
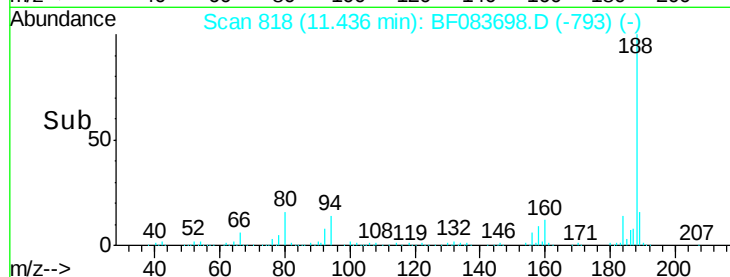
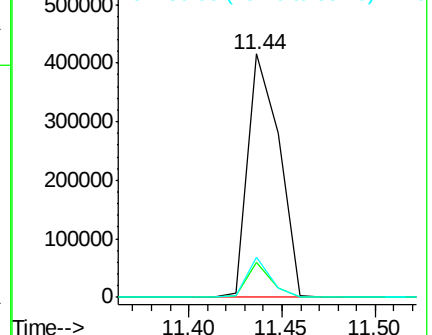
80 16.4 10.6 16.0#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 0.35 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF083698.D

Acq: 11 Dec 2015 15:20

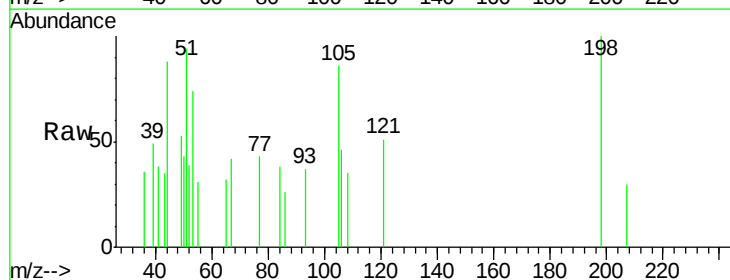
Tgt Ion:198 Resp: 1005

Ion Ratio Lower Upper

198 100

51 93.5 53.8 93.8

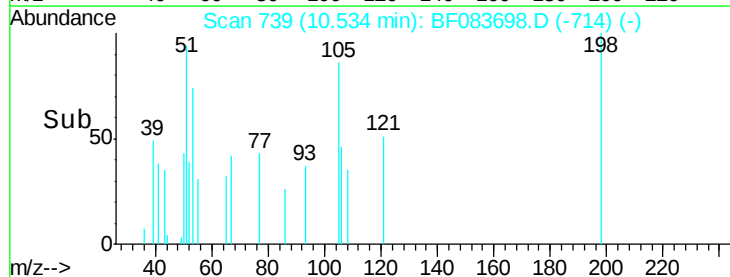
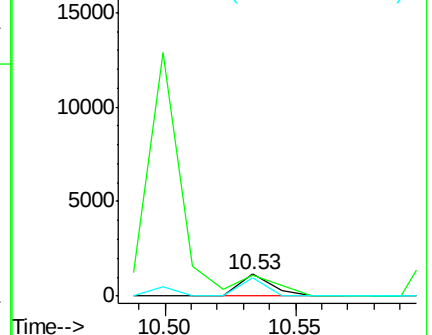
105 85.7 38.6 78.6#

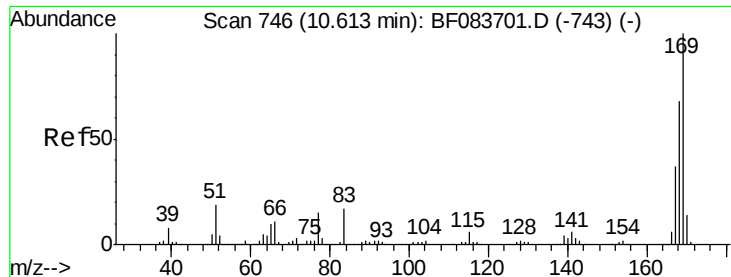


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

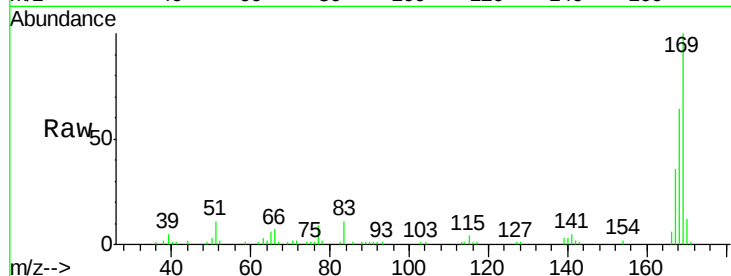




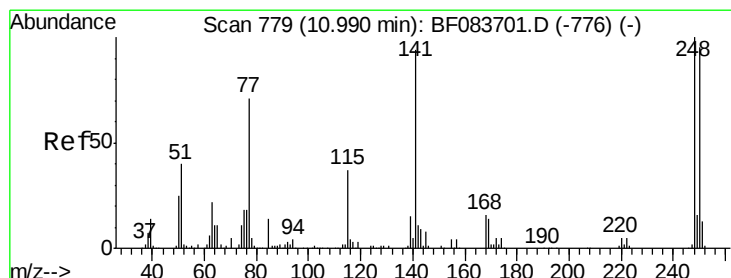
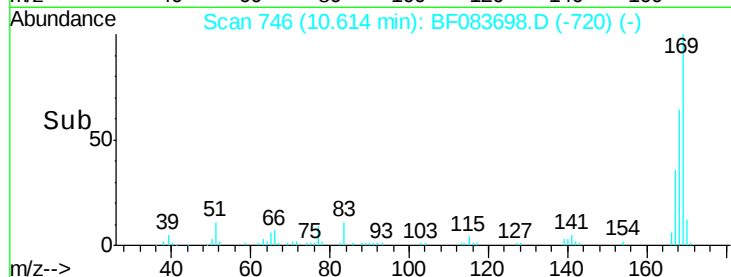
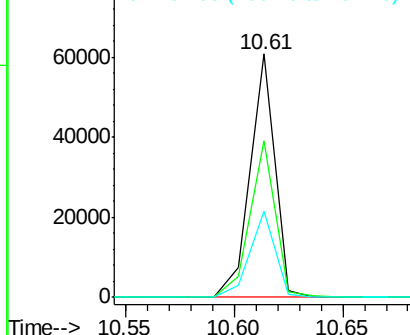
#65
 n-Nitrosodiphenylamine
 Concen: 3.01 ng
 RT: 10.61 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: BF083698.D
 Acq: 11 Dec 2015 15:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 48016
 Ion Ratio Lower Upper
 169 100
 168 64.5 53.0 79.6
 167 35.5 29.3 43.9

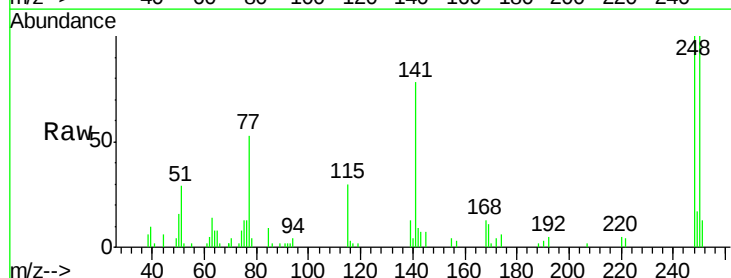


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

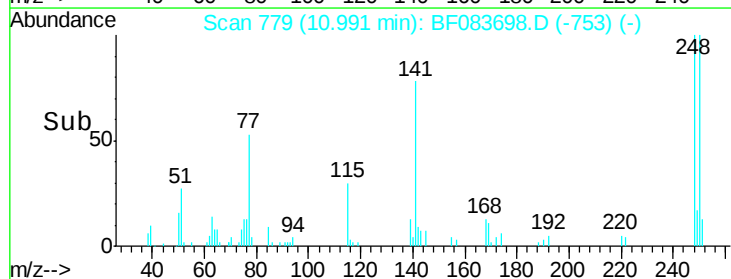
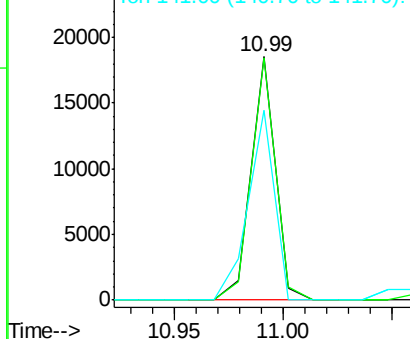


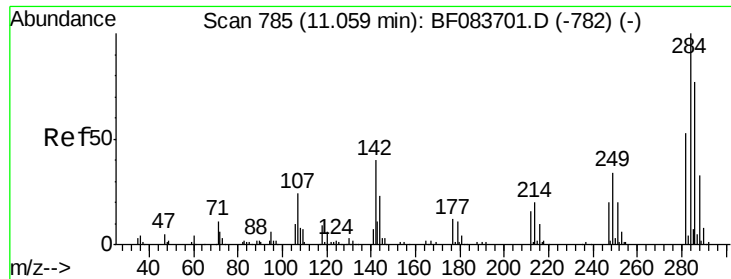
#66
 4-Bromophenyl-phenylether
 Concen: 2.66 ng
 RT: 10.99 min Scan# 779
 Delta R.T. 0.00 min
 Lab File: BF083698.D
 Acq: 11 Dec 2015 15:20

Tgt Ion:248 Resp: 14359
 Ion Ratio Lower Upper
 248 100
 250 99.7 79.2 118.8
 141 78.2 58.2 87.4



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

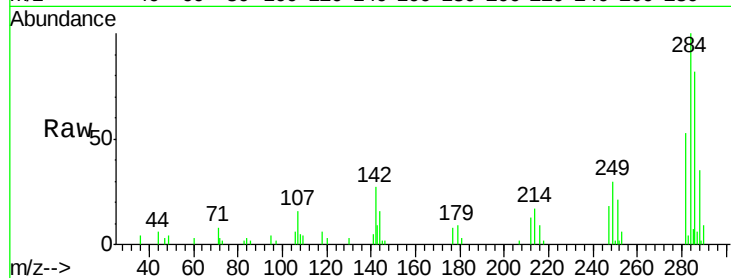




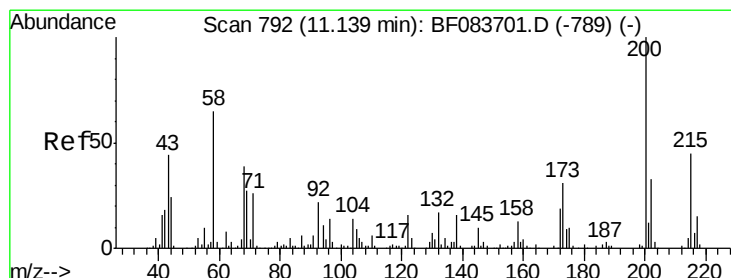
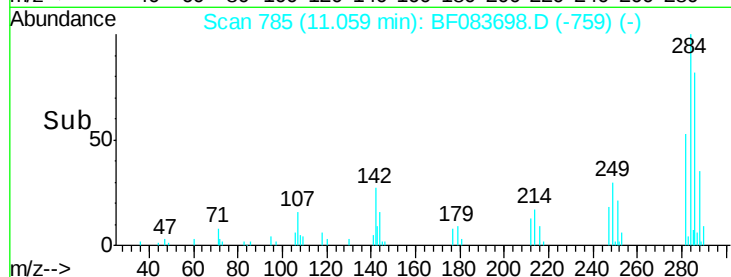
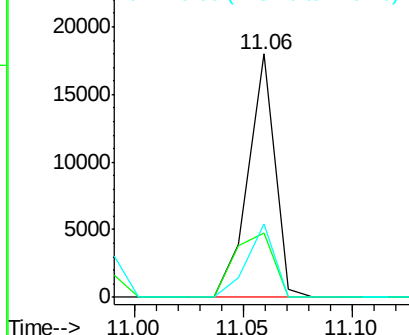
#67
Hexachlorobenzene
Concen: 2.69 ng
RT: 11.06 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 15405
Ion Ratio Lower Upper
284 100
142 26.5 31.0 46.4#
249 30.0 26.9 40.3

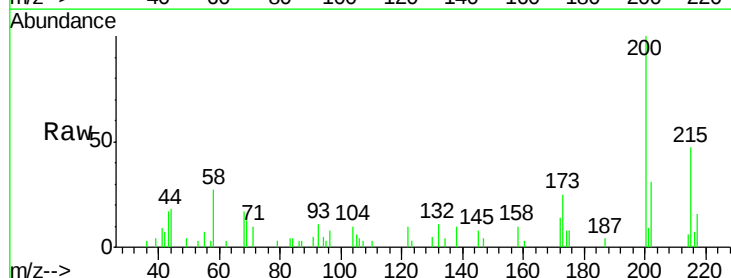


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

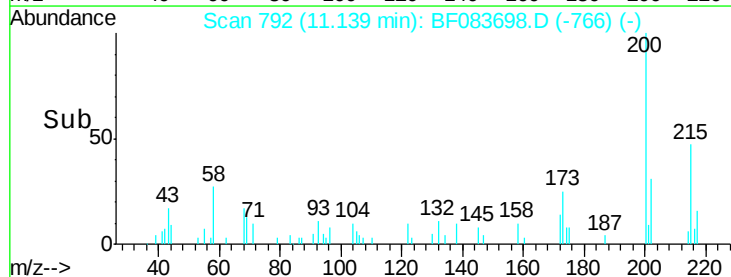
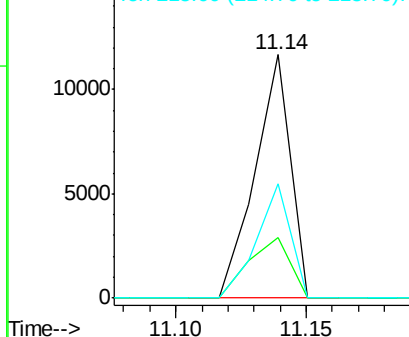


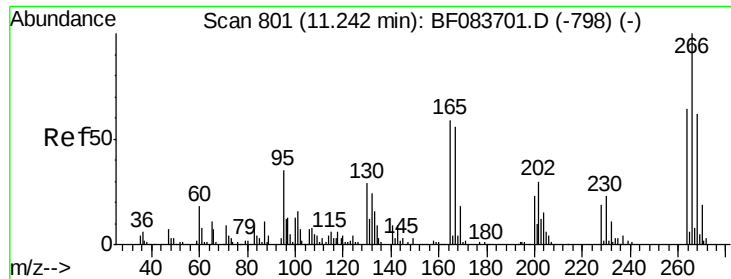
#68
Atrazine
Concen: 2.34 ng
RT: 11.14 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:200 Resp: 11086
Ion Ratio Lower Upper
200 100
173 24.8 7.8 47.8
215 47.0 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

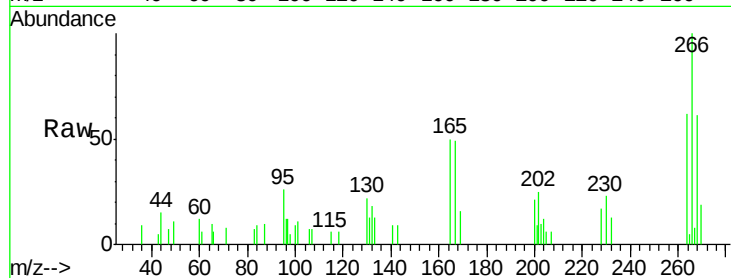




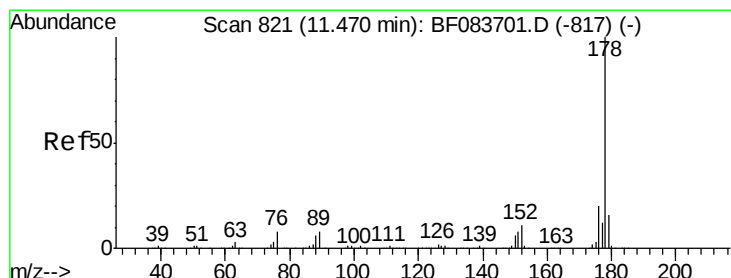
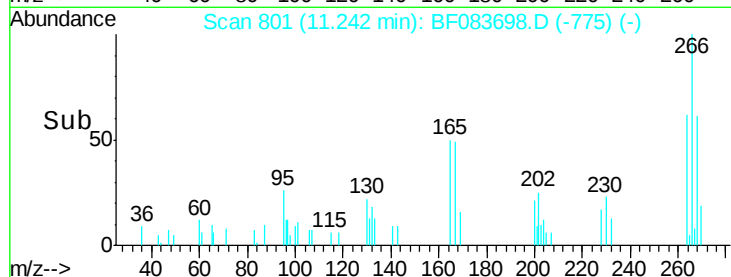
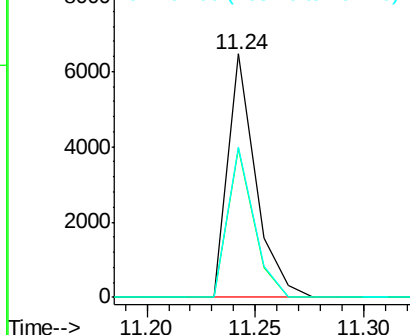
#69
 Pentachlorophenol
 Concen: 4.57 ng
 RT: 11.24 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BF083698.D
 Acq: 11 Dec 2015 15:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 5728
 Ion Ratio Lower Upper
 266 100
 268 61.2 50.2 75.2
 264 61.6 51.4 77.2

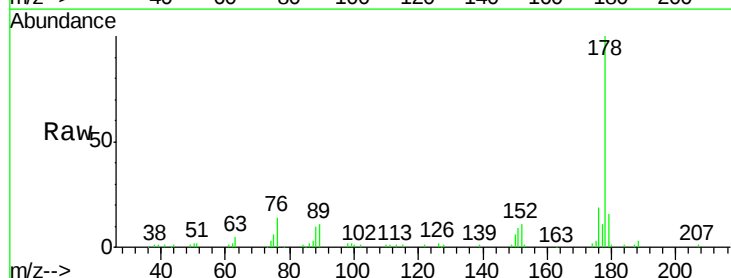


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

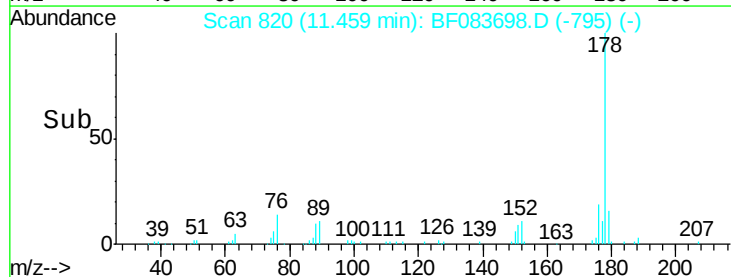
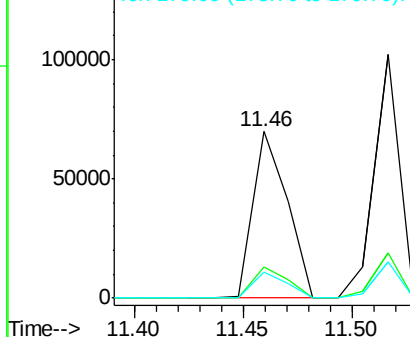


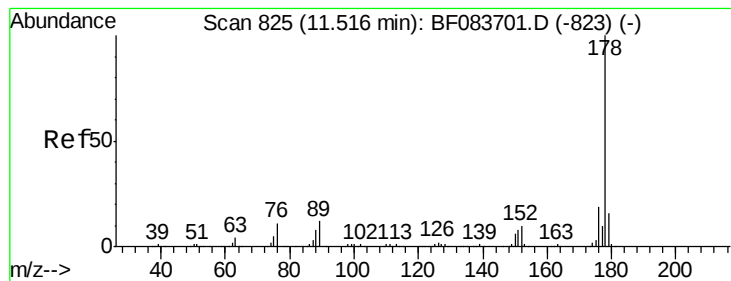
#70
 Phenanthrene
 Concen: 2.76 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF083698.D
 Acq: 11 Dec 2015 15:20

Tgt Ion:178 Resp: 76534
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.7 23.5
 179 15.9 12.2 18.4



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: 2.85 ng

RT: 11.52 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF083698.D

Acq: 11 Dec 2015 15:20

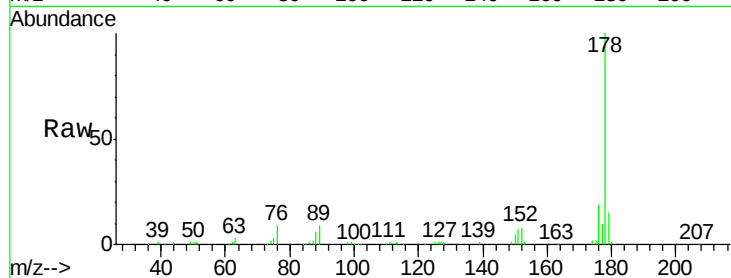
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 81931

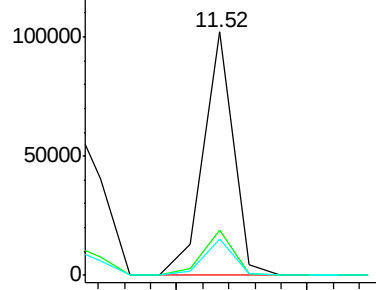
Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.2	22.8
179	15.0	12.6	18.8



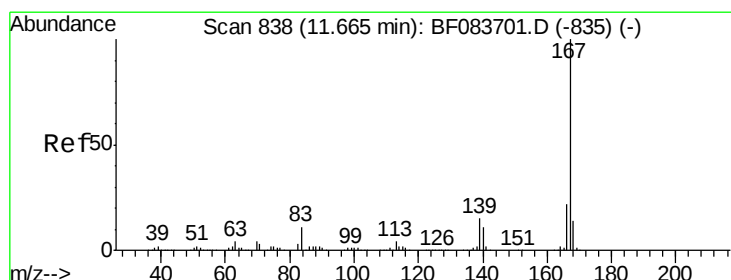
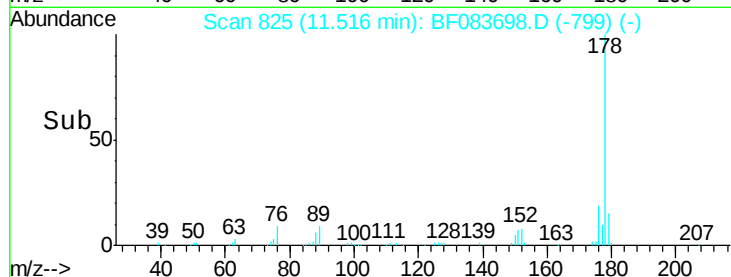
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#72

Carbazole

Concen: 3.13 ng

RT: 11.67 min Scan# 838

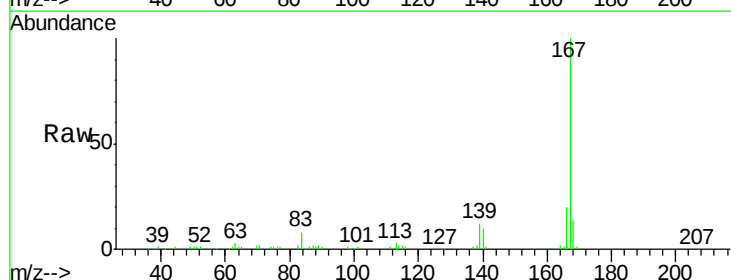
Delta R.T. 0.00 min

Lab File: BF083698.D

Acq: 11 Dec 2015 15:20

Tgt Ion:167 Resp: 77248

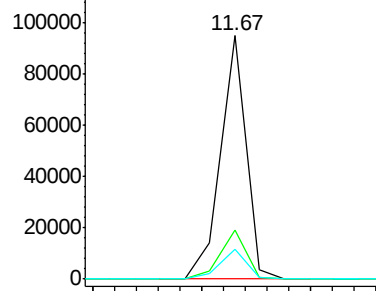
Ion	Ratio	Lower	Upper
167	100		
166	20.4	17.2	25.8
139	12.3	9.3	13.9



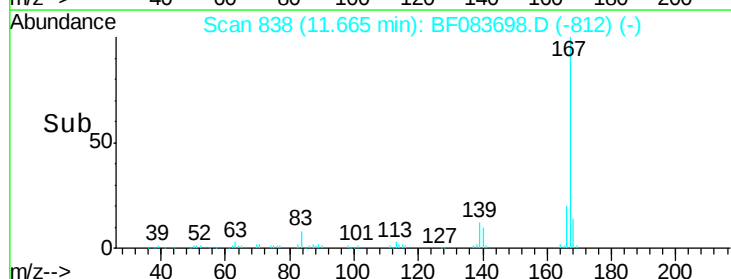
Abundance Ion 167.00 (166.70 to 167.70): E

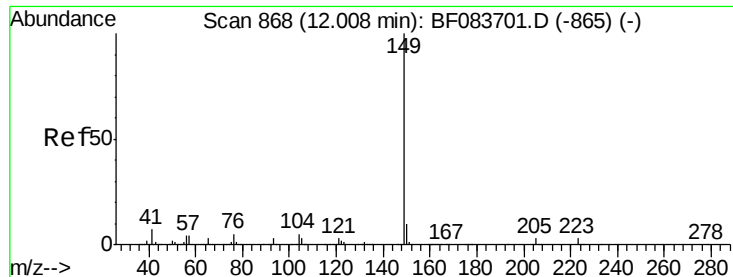
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->





#73

Di-n-butylphthalate

Concen: 2.52 ng

RT: 12.01 min Scan# 868

Delta R.T. 0.00 min

Lab File: BF083698.D

Acq: 11 Dec 2015 15:20

Instrument :

BNA_F

ClientSampleId :

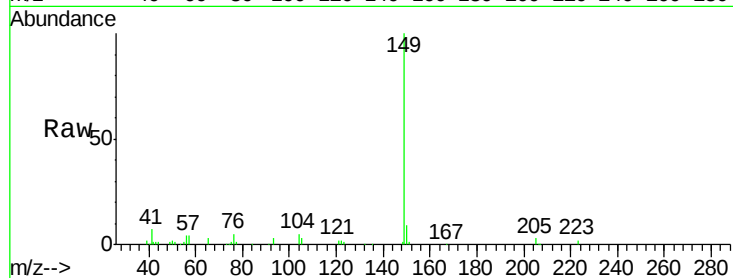
Tot Ion:149 Resp: 78192

Ion Ratio Lower Upper

149 100

150 8.7 7.8 11.6

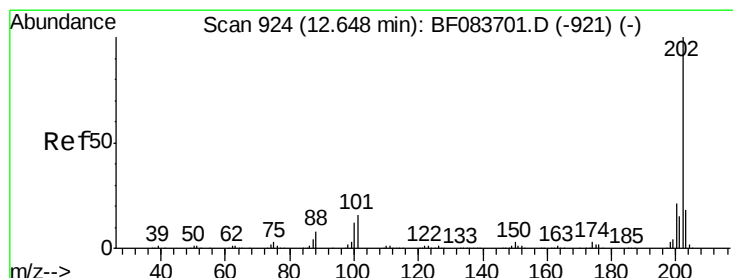
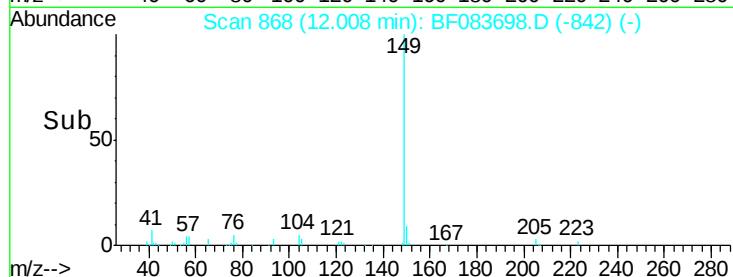
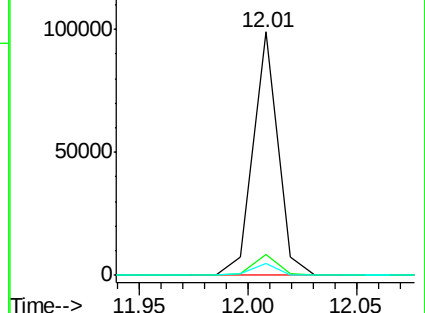
104 4.7 3.9 5.9



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: 2.80 ng

RT: 12.65 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF083698.D

Acq: 11 Dec 2015 15:20

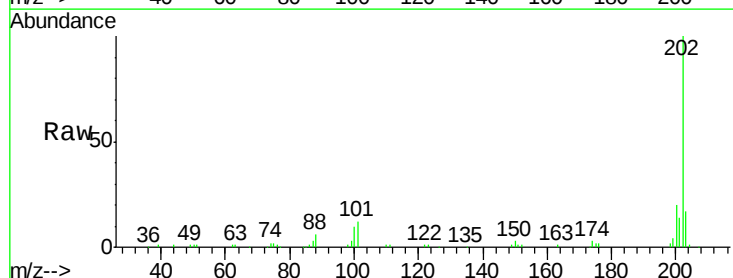
Tgt Ion:202 Resp: 79549

Ion Ratio Lower Upper

202 100

101 12.2 0.0 31.5

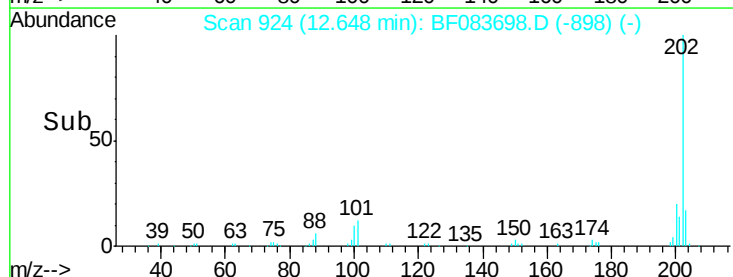
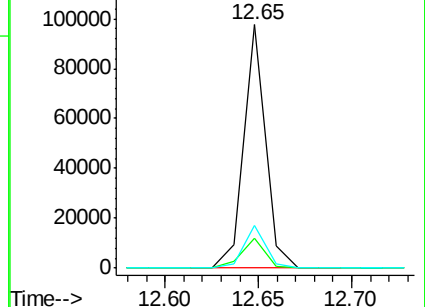
203 17.4 0.0 37.6

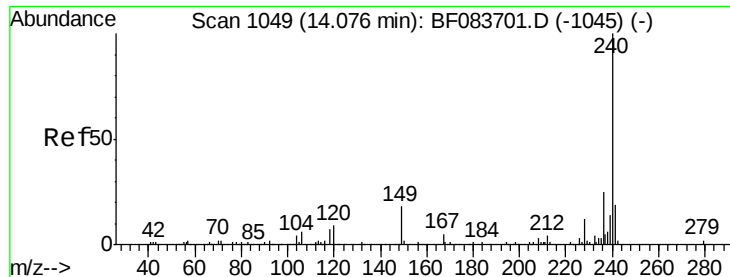


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.07 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF083698.D

Acq: 11 Dec 2015 15:20

Instrument :

BNA_F

ClientSampleId :

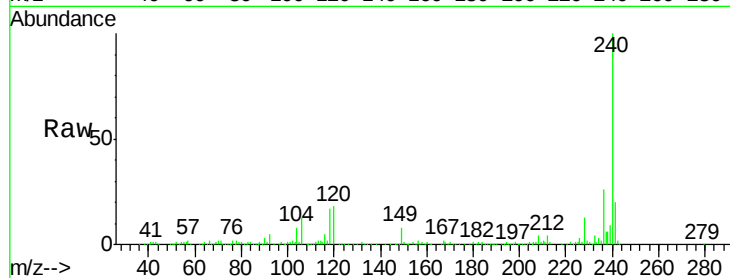
Tot Ion:240 Resp: 411896

Ion Ratio Lower Upper

240 100

120 18.5 8.1 12.1#

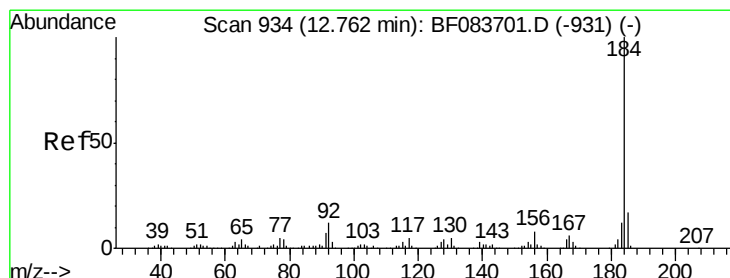
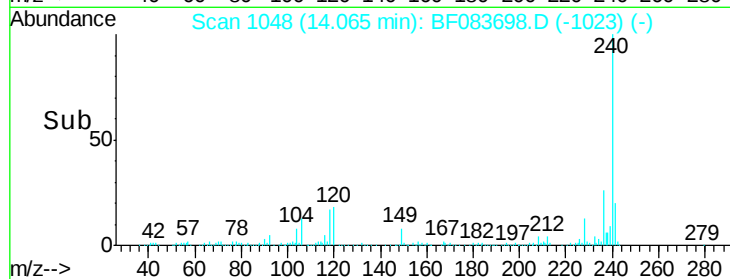
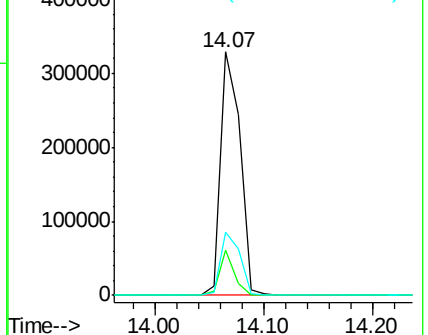
236 25.8 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 2.63 ng

RT: 12.76 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF083698.D

Acq: 11 Dec 2015 15:20

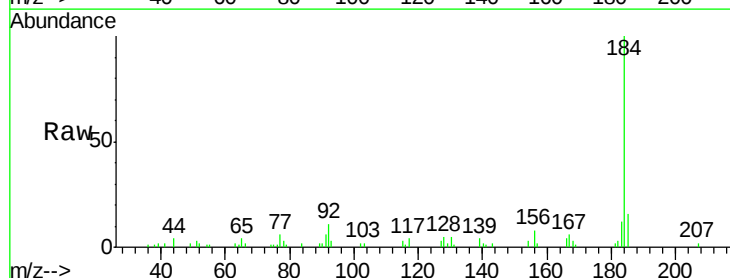
Tgt Ion:184 Resp: 33720

Ion Ratio Lower Upper

184 100

185 15.9 13.0 19.6

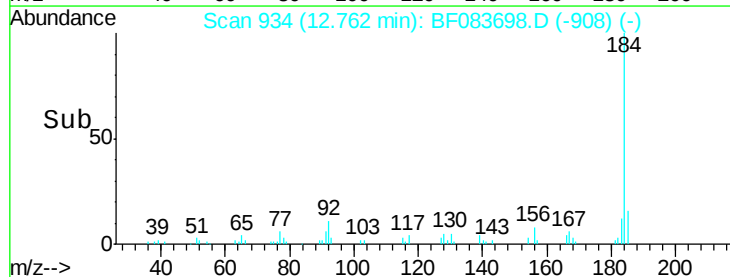
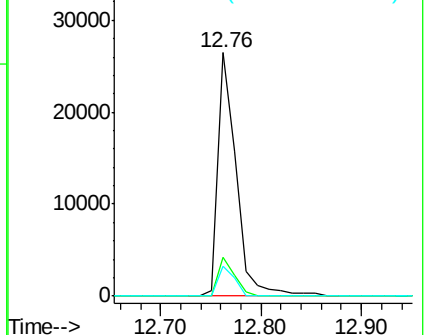
183 12.4 9.0 13.4

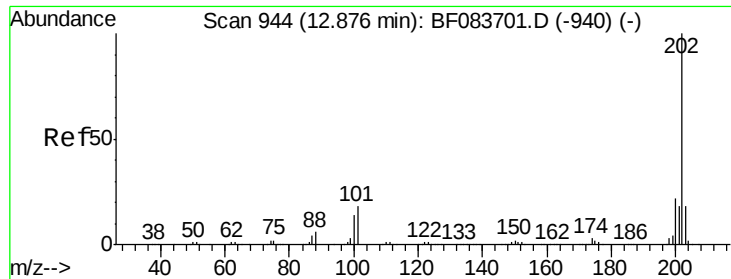


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

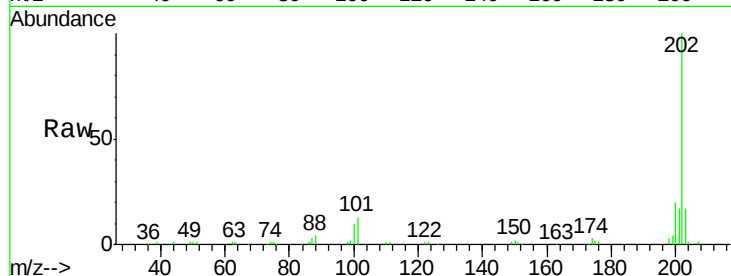




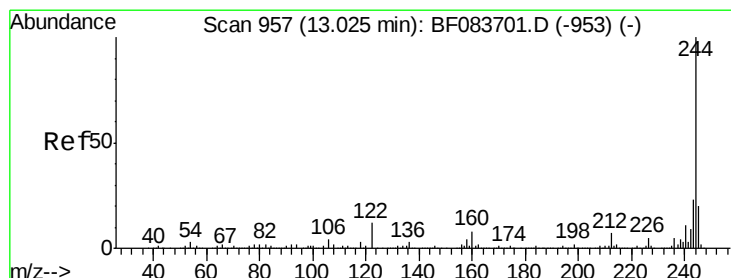
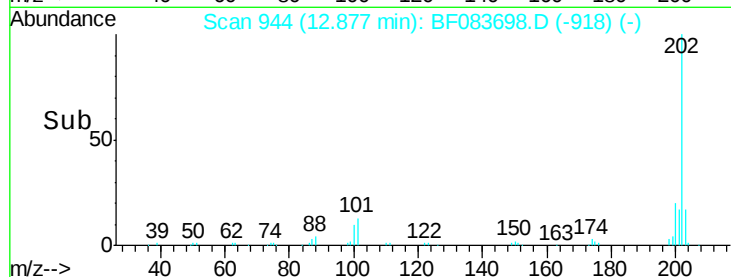
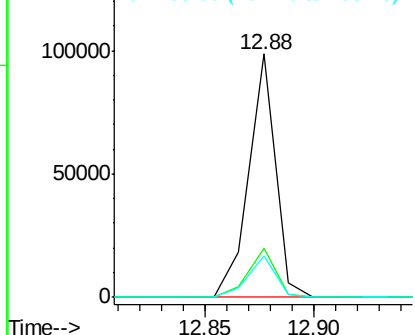
#77
Pvrene
Concen: 2.84 ng
RT: 12.88 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 84295
Ion Ratio Lower Upper
202 100
200 20.4 16.7 25.1
203 17.1 14.3 21.5

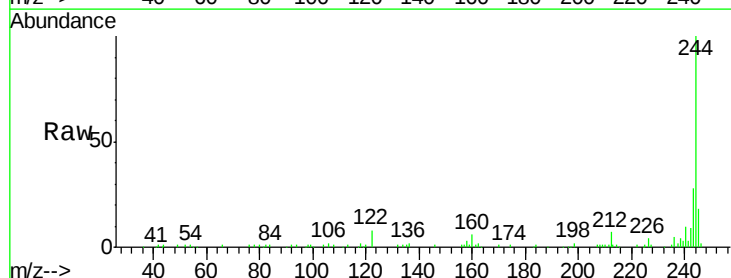


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

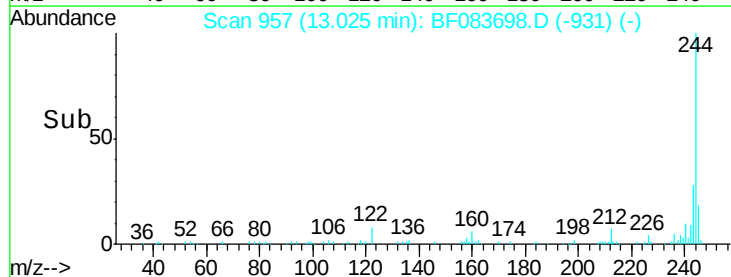
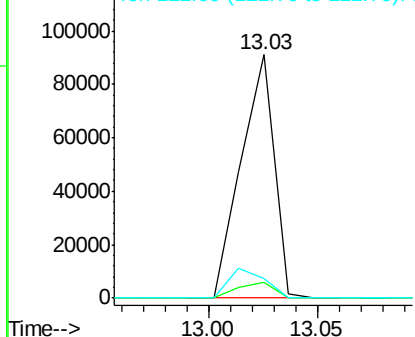


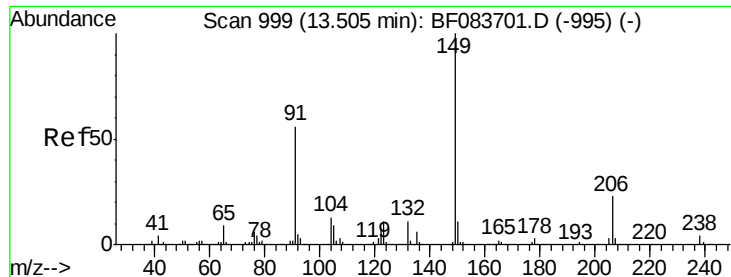
#78
Terphenyl-d14
Concen: 5.48 ng
RT: 13.03 min Scan# 957
Delta R.T. 0.00 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:244 Resp: 95911
Ion Ratio Lower Upper
244 100
212 6.6 6.1 9.1
122 7.9 11.0 16.6#



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

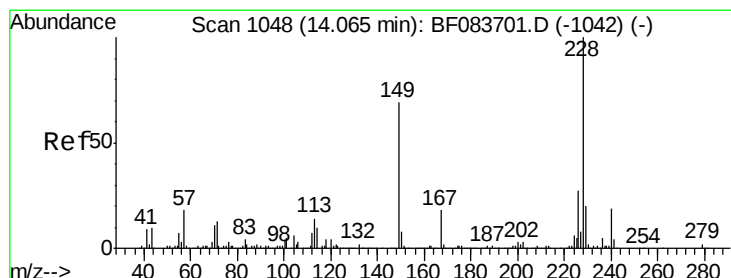
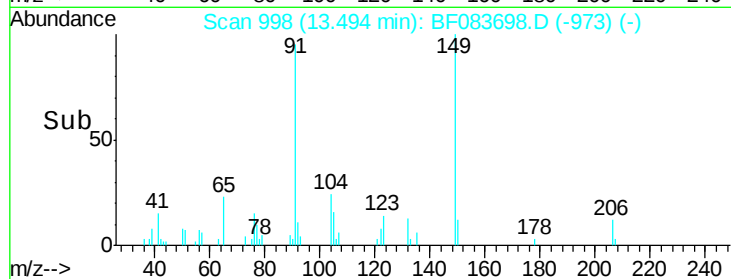
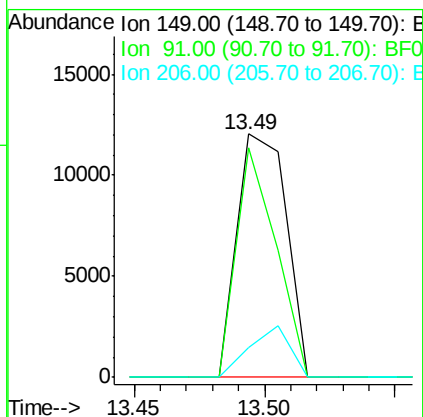
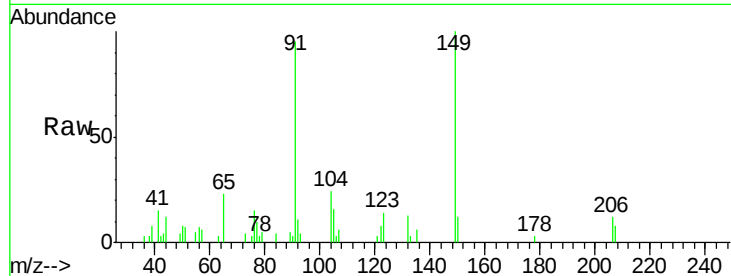




#79
Butylbenzylphthalate
Concen: 1.21 ng
RT: 13.49 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

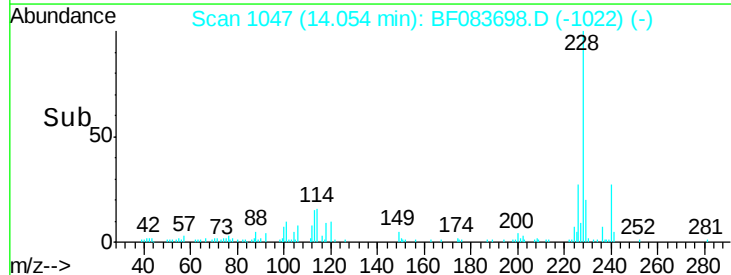
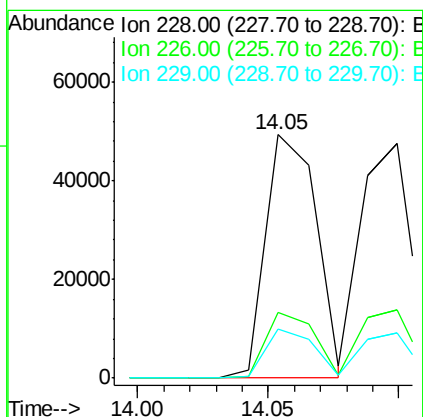
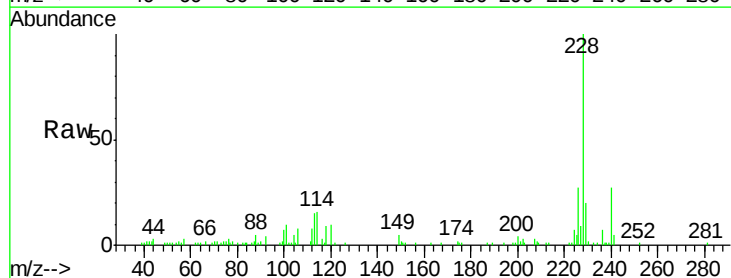
Instrument :
BNA_F
ClientSampleId :

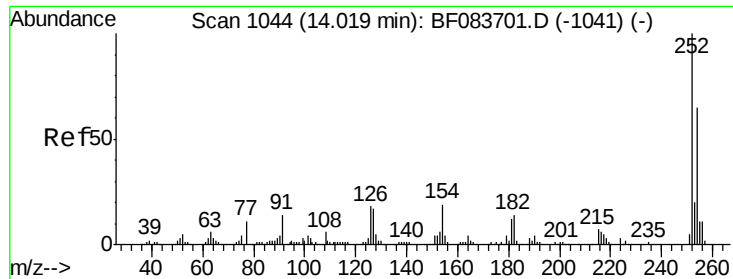
Tot Ion:149 Resp: 15942
Ion Ratio Lower Upper
149 100
91 94.5 60.0 90.0#
206 12.1 16.2 24.4#



#80
Benzo(a)anthracene
Concen: 2.75 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion:228 Resp: 66237
Ion Ratio Lower Upper
228 100
226 26.8 22.3 33.5
229 20.2 15.7 23.5

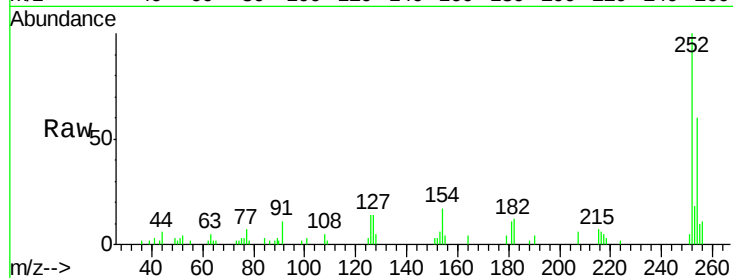




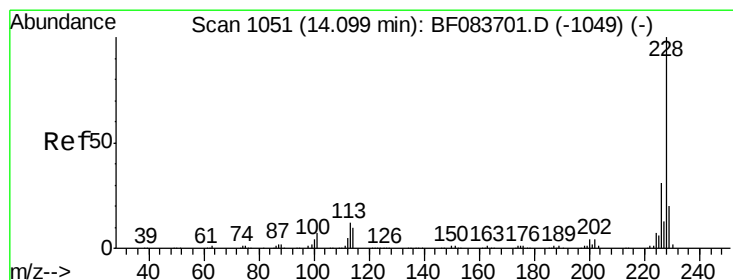
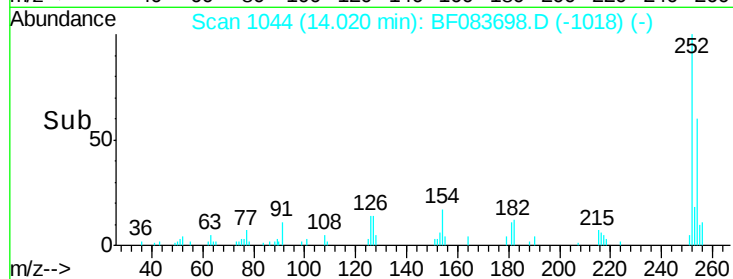
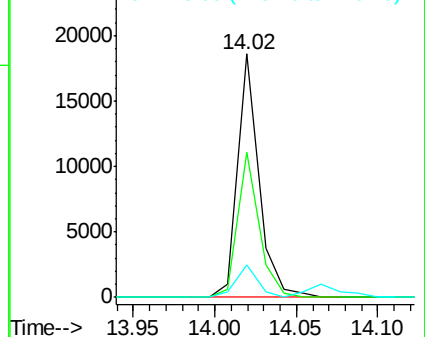
#81
 3,3'-Dichlorobenzidine
 Concen: 2.04 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF083698.D
 Acq: 11 Dec 2015 15:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 16597
 Ion Ratio Lower Upper
 252 100
 254 59.8 50.6 76.0
 126 13.5 11.0 16.4

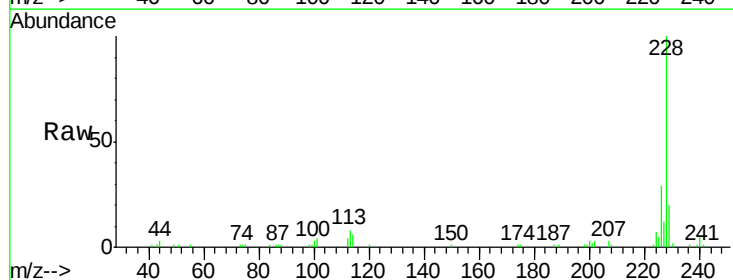


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

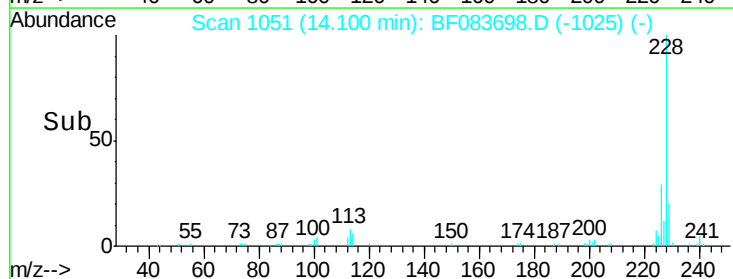
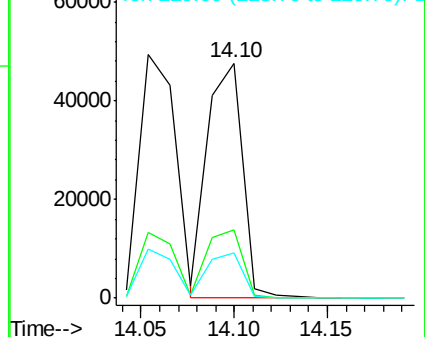


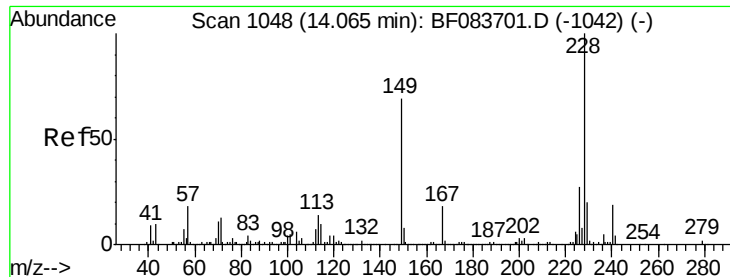
#82
 Chrysene
 Concen: 2.59 ng
 RT: 14.10 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BF083698.D
 Acq: 11 Dec 2015 15:20

Tgt Ion:228 Resp: 62715
 Ion Ratio Lower Upper
 228 100
 226 29.2 24.7 37.1
 229 19.5 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 1.28 ng

RT: 14.07 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF083698.D

Acq: 11 Dec 2015 15:20

Instrument :

BNA_F

ClientSampleId :

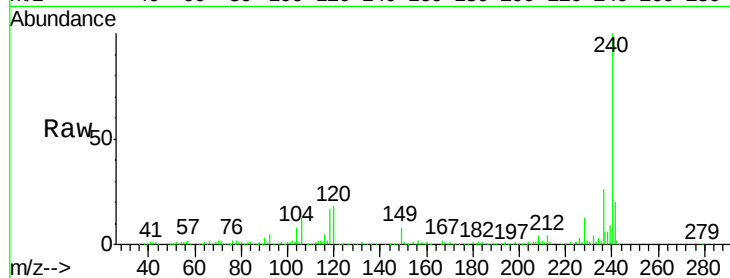
Tot Ion:149 Resp: 23459

Ion Ratio Lower Upper

149 100

167 24.2 21.8 32.8

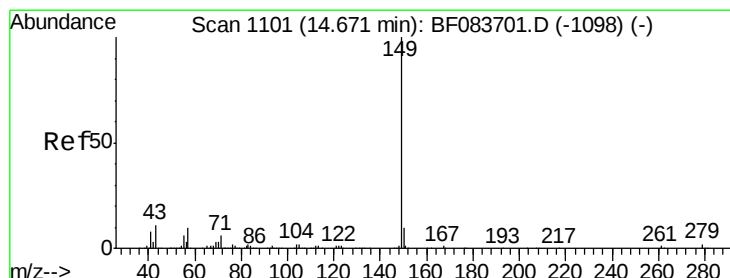
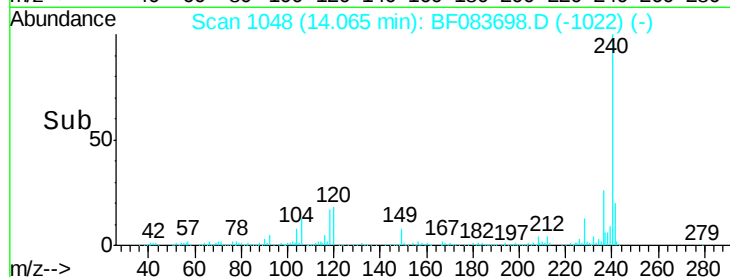
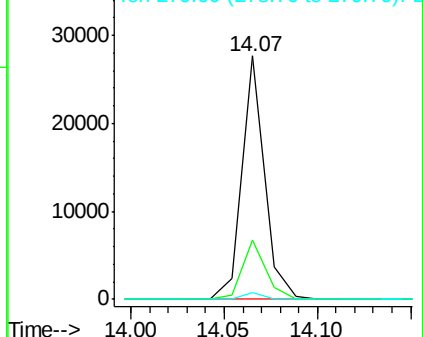
279 2.6 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 0.88 ng

RT: 14.67 min Scan# 1101

Delta R.T. 0.00 min

Lab File: BF083698.D

Acq: 11 Dec 2015 15:20

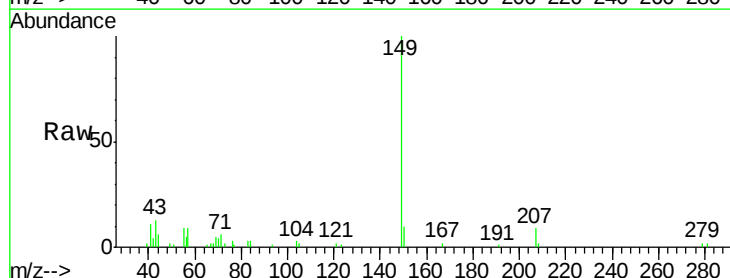
Tgt Ion:149 Resp: 24511

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

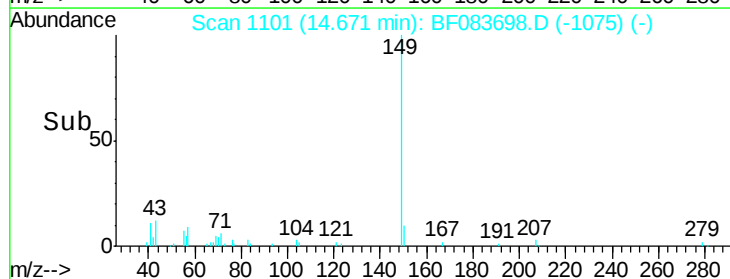
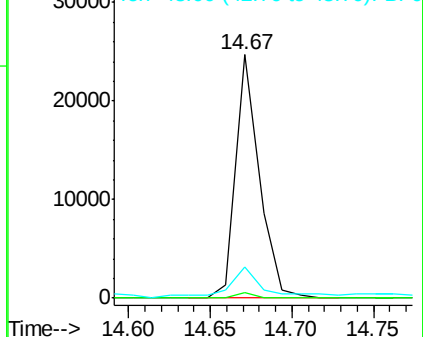
43 21.1 0.0 0.0#

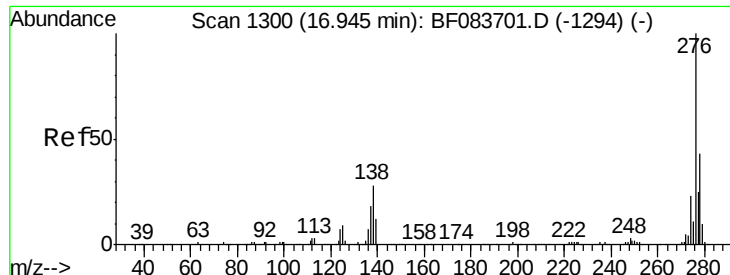


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

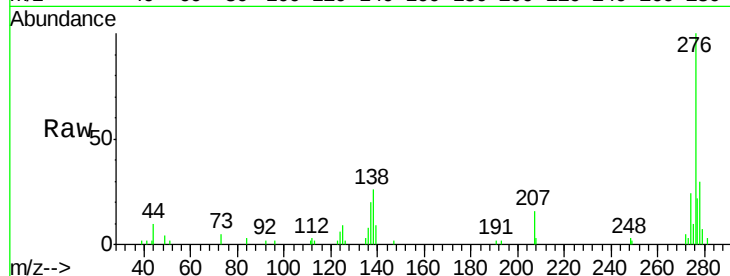




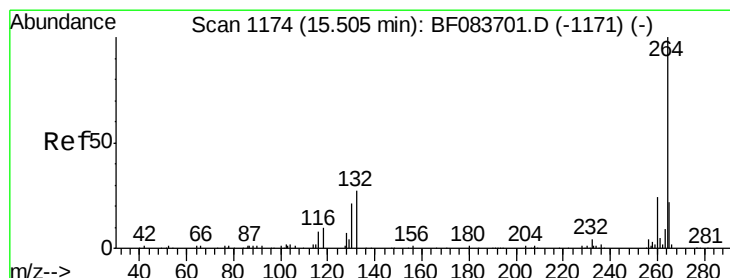
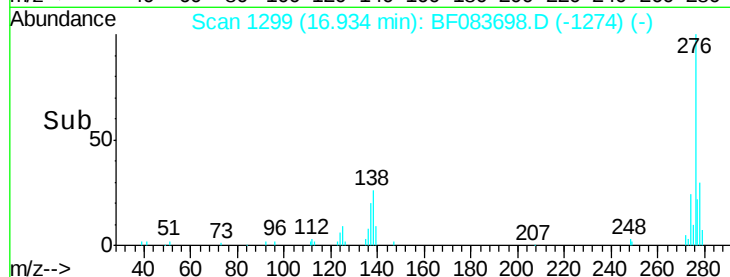
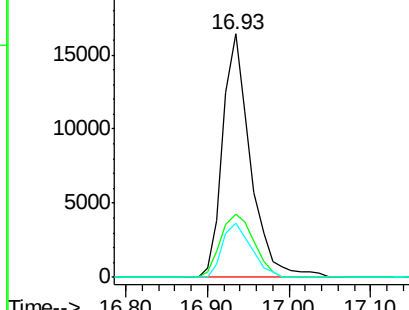
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.37 ng
RT: 16.93 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.1	0.0	0.0#
277	23.0	0.0	0.0#

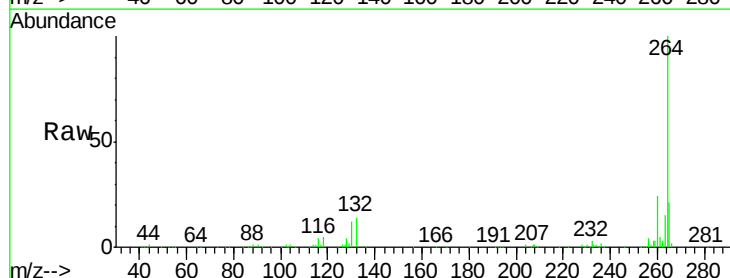


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

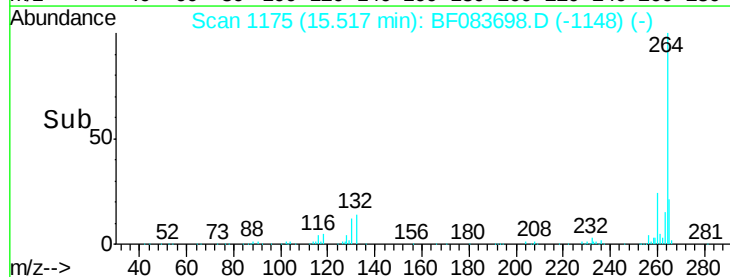
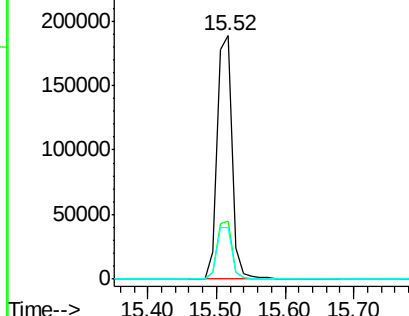


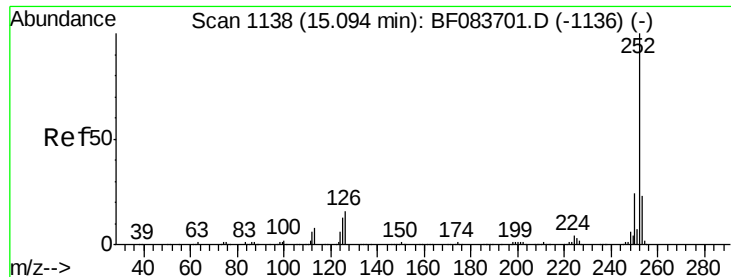
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BF083698.D
Acq: 11 Dec 2015 15:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.0
265	21.1	17.8	26.6



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: 5.60 ng

RT: 15.12 min Scan# 1140

Delta R.T. 0.02 min

Lab File: BF083698.D

Acq: 11 Dec 2015 15:20

Instrument :

BNA_F

ClientSampled :

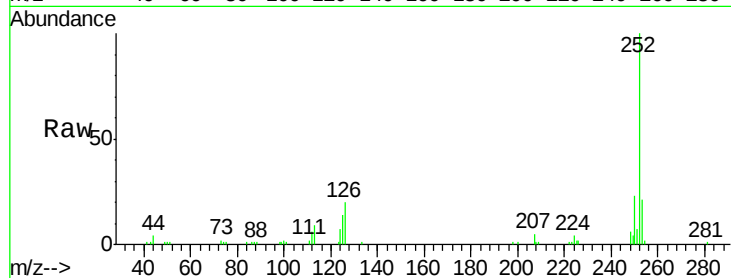
Tot Ion:252 Resp: 92769

Ion Ratio Lower Upper

252 100

253 21.2 18.2 27.4

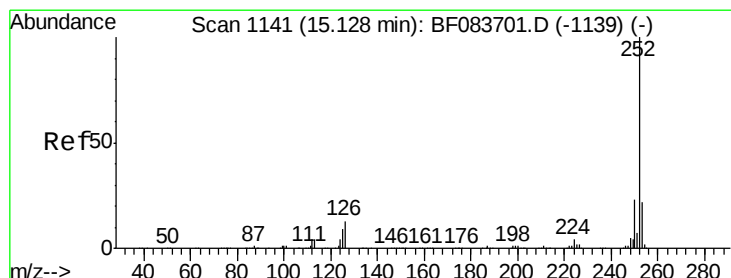
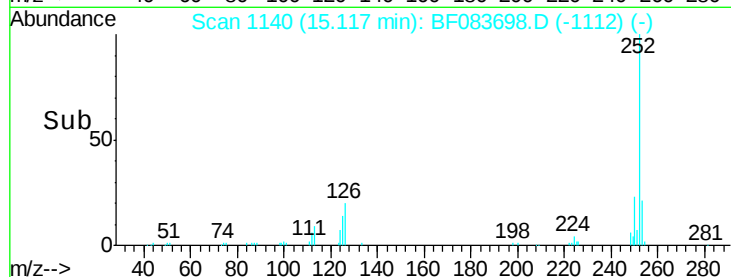
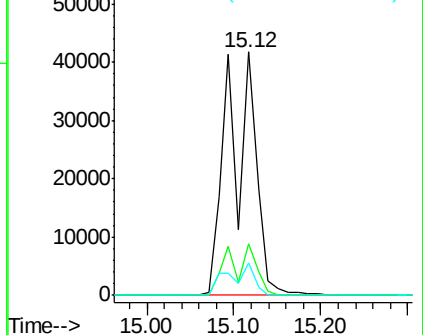
125 13.6 8.2 12.4#



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: 5.08 ng

RT: 15.12 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BF083698.D

Acq: 11 Dec 2015 15:20

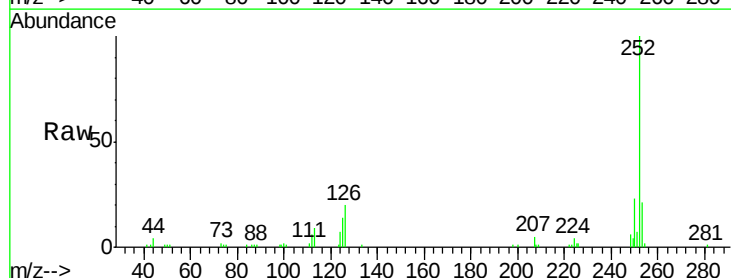
Tgt Ion:252 Resp: 92769

Ion Ratio Lower Upper

252 100

253 21.2 18.6 27.8

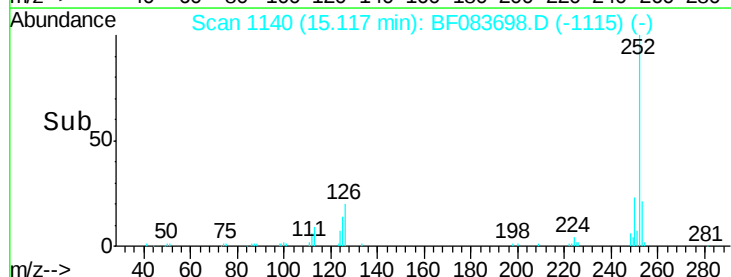
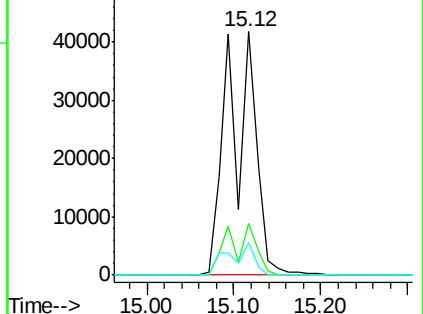
125 13.6 11.5 17.3

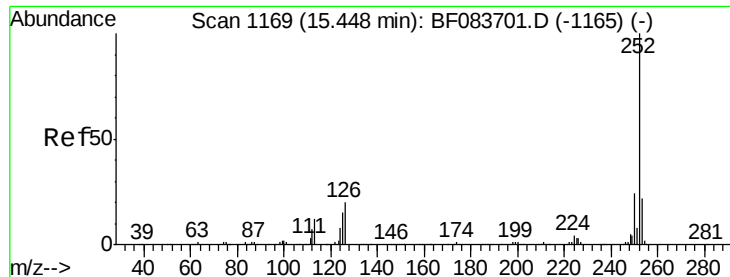


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 2.40 ng

RT: 15.45 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BF083698.D

Acq: 11 Dec 2015 15:20

Instrument :

BNA_F

ClientSampleId :

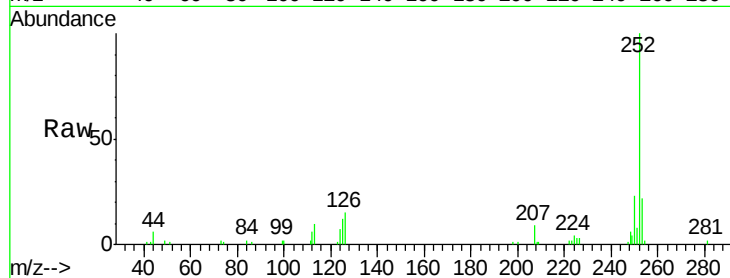
Tot Ion:252 Resp: 38870

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

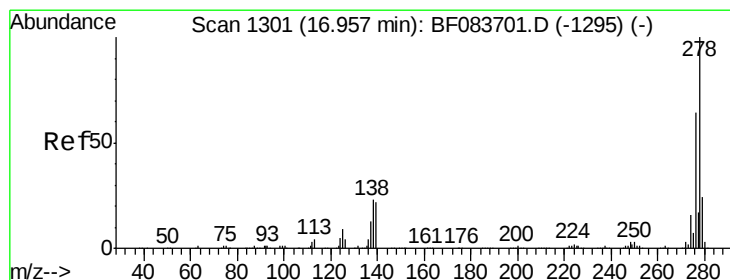
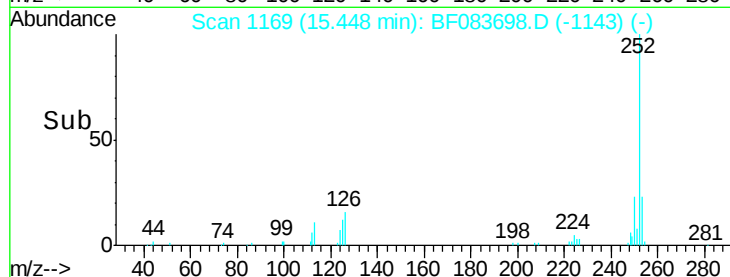
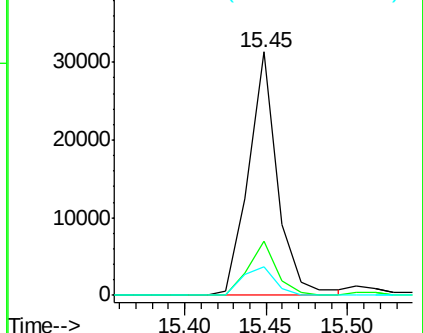
125 11.6 11.0 16.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 2.45 ng

RT: 16.96 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BF083698.D

Acq: 11 Dec 2015 15:20

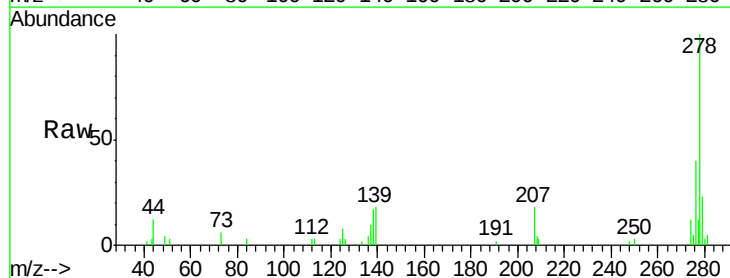
Tgt Ion:278 Resp: 30227

Ion Ratio Lower Upper

278 100

139 17.9 12.8 19.2

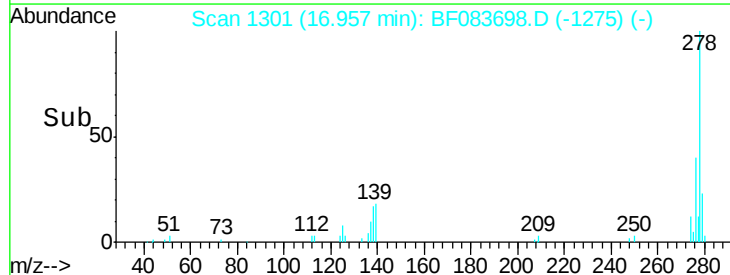
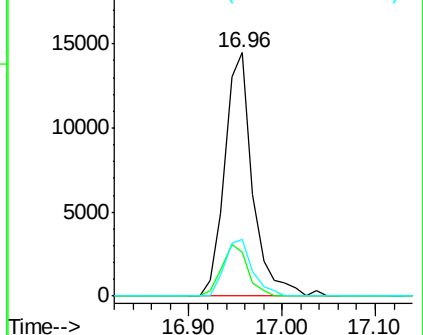
279 23.2 18.6 28.0

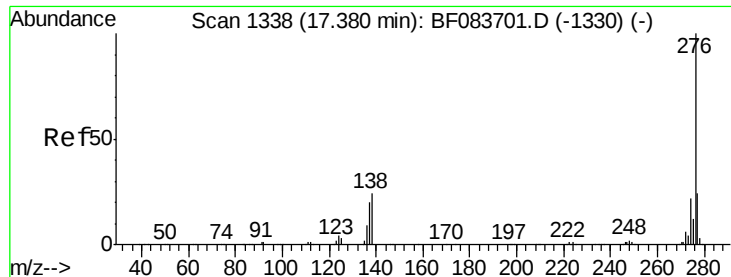


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 2.78 ng

RT: 17.36 min Scan# 1336

Delta R.T. -0.02 min

Lab File: BF083698.D

Acq: 11 Dec 2015 15:20

Instrument :

BNA_F

ClientSampleId :

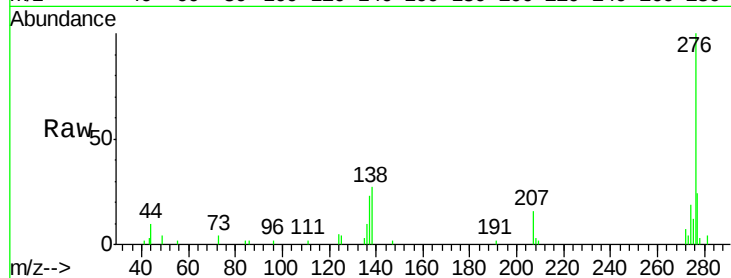
Tot Ion:276 Resp: 33562

Ion Ratio Lower Upper

276 100

277 23.6 19.2 28.8

138 26.8 19.5 29.3



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

