

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121015\
 Data File : BF083692.D
 Acq On : 10 Dec 2015 23:31
 Operator : UM/IZ
 Sample : G4659-04MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A8-4CMS

Quant Time: Dec 11 01:09:59 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 00:23:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.61	152	137696	20.00	ng	-0.09
21) Naphthalene-d8	7.50	136	524772	20.00	ng	-0.10
38) Acenaphthene-d10	10.29	164	256130	20.00	ng	-0.09
63) Phenanthrene-d10	12.69	188	468404	20.00	ng	-0.09
75) Chrysene-d12	16.91	240	377546	20.00	ng	-0.08
86) Perylene-d12	18.57	264	305013	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	3.90	112	1186048	130.64	ng	-0.07
7) Phenol-d6	5.20	99	1519775	125.29	ng	-0.08
23) Nitrobenzene-d5	6.44	82	971209	86.36	ng	-0.09
41) 2,4,6-Tribromophenol	11.59	330	290993	127.52	ng	-0.10
44) 2-Fluorobiphenyl	9.25	172	1545604	84.93	ng	-0.09
78) Terphenyl-d14	15.31	244	1405286	87.58	ng	-0.10

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.80	88	147493	32.88	ng	# 81
3) Pyridine	2.24	79	387563	35.57	ng	98
4) n-Nitrosodimethylamine	2.20	42	211411	36.85	ng	92
6) Aniline	5.17	93	310002	20.74	ng	91
8) 2-Chlorophenol	5.33	128	390250	39.31	ng	97
9) Benzaldehyde	5.05	77	110395	14.35	ng	97
10) Phenol	5.21	94	579916	39.47	ng	83
11) bis(2-Chloroethyl)ether	5.28	93	423546	39.18	ng	99
12) 1,3-Dichlorobenzene	5.53	146	414890	37.49	ng	99
13) 1,4-Dichlorobenzene	5.63	146	421455	37.12	ng	100
14) 1,2-Dichlorobenzene	5.85	146	396287	37.61	ng	98
15) Benzyl Alcohol	5.87	79	389775	45.16	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.04	45	731892	36.61	ng	# 62
17) 2-Methylphenol	6.06	107	330895	40.96	ng	# 89
18) Hexachloroethane	6.32	117	144242	35.98	ng	92
19) n-Nitroso-di-n-propylamine	6.25	70	329166	38.88	ng	93
20) 3+4-Methylphenols	6.30	107	424637	39.92	ng	99
22) Acetophenone	6.22	105	545361	37.05	ng	96
24) Nitrobenzene	6.48	77	455585	36.65	ng	93
25) Isophorone	6.84	82	841237	38.54	ng	98
26) 2-Nitrophenol	6.96	139	191013	38.70	ng	94
27) 2,4-Dimethylphenol	7.08	122	332797	38.55	ng	99
28) bis(2-Chloroethoxy)methane	7.20	93	501788	41.40	ng	98
29) 2,4-Dichlorophenol	7.37	162	328805	41.87	ng	99
30) 1,2,4-Trichlorobenzene	7.44	180	329226	37.96	ng	96
31) Naphthalene	7.54	128	1104951	39.76	ng	99
32) Benzoic acid	7.39	122	98311	19.68	ng	98
33) 4-Chloroaniline	7.70	127	164653	16.25	ng	94
34) Hexachlorobutadiene	7.74	225	192092	37.91	ng	98
35) Caprolactam	8.28	113	58268	24.72	ng	96
36) 4-Chloro-3-methylphenol	8.54	107	360181	40.83	ng	92
37) 2-Methylnaphthalene	8.64	142	727945	41.70	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	325622	38.72	ng	# 100
40) Hexachlorocyclopentadiene	8.89	237	58468	46.13	ng	96

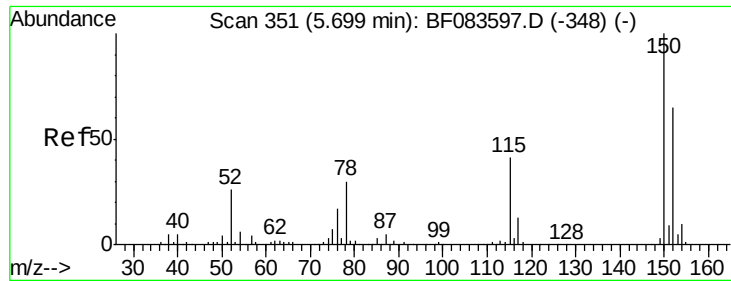
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121015\
 Data File : BF083692.D
 Acq On : 10 Dec 2015 23:31
 Operator : UM/IZ
 Sample : G4659-04MSD
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Quant Time: Dec 11 01:09:59 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 00:23:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	201108	40.03	ng	98
43) 2,4,5-Trichlorophenol	9.24	196	188629	38.08	ng #	92
45) 1,1'-Biphenyl	9.40	154	853315	38.33	ng	99
46) 2-Chloronaphthalene	9.41	162	667403	39.71	ng	98
47) 2-Nitroaniline	9.64	65	261842	43.19	ng #	85
48) Acenaphthylene	10.06	152	1069480	38.59	ng	99
49) Dimethylphthalate	9.95	163	1000127	49.05	ng	99
50) 2,6-Dinitrotoluene	10.04	165	171205	40.67	ng	96
51) Acenaphthene	10.34	154	623658	39.31	ng	98
52) 3-Nitroaniline	10.33	138	107773	24.09	ng	86
53) 2,4-Dinitrophenol	10.54	184	121947	60.04	ng	98
54) Dibenzofuran	10.64	168	944082	42.91	ng	98
55) 4-Nitrophenol	10.75	139	161559	82.02	ng	91
56) 2,4-Dinitrotoluene	10.72	165	237678	42.57	ng #	80
57) Fluorene	11.19	166	754580	39.29	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.89	232	173015	43.44	ng #	100
59) Diethylphthalate	11.09	149	766221	38.65	ng	99
60) 4-Chlorophenyl-phenylether	11.21	204	343053	37.52	ng	98
61) 4-Nitroaniline	11.32	138	157084	38.65	ng	90
62) Azobenzene	11.47	77	974307	44.66	ng	99
64) 4,6-Dinitro-2-methylphenol	11.38	198	113331	36.02	ng	98
65) n-Nitrosodiphenylamine	11.43	169	641540	41.50	ng	99
66) 4-Bromophenyl-phenylether	12.00	248	199199	38.13	ng	91
67) Hexachlorobenzene	12.07	284	218819	39.48	ng	96
68) Atrazine	12.35	200	204009	44.36	ng	97
69) Pentachlorophenol	12.44	266	115970	77.02	ng	99
70) Phenanthrene	12.73	178	1073154	39.88	ng	99
71) Anthracene	12.81	178	1106877	39.70	ng	99
72) Carbazole	13.12	167	1016725	42.53	ng	99
73) Di-n-butylphthalate	13.73	149	1196798	39.80	ng	99
74) Fluoranthene	14.65	202	1097519	39.86	ng	97
76) Benzidine	14.95	184	303040	25.81	ng	97
77) Pyrene	15.01	202	1126375	41.44	ng	99
79) Butylbenzylphthalate	16.15	149	503815	41.76	ng	99
80) Benzo(a)anthracene	16.90	228	870401	39.39	ng	99
81) 3,3'-Dichlorobenzidine	16.89	252	212464	28.46	ng	96
82) Chrysene	16.95	228	863633	38.99	ng	99
83) Bis(2-ethylhexyl)phthalate	17.00	149	692704	41.37	ng #	97
84) Di-n-octyl phthalate	17.78	149	1101335	43.04	ng #	100
85) Indeno(1,2,3-cd)pyrene	19.77	276	710225	47.50	ng #	100
87) Benzo(b)fluoranthene	18.18	252	762180	43.88	ng	99
88) Benzo(k)fluoranthene	18.18	252	762180	39.82	ng	97
89) Benzo(a)pyrene	18.51	252	634009	37.41	ng	98
90) Dibenzo(a,h)anthracene	19.76	278	598727	46.20	ng	98
91) Benzo(g,h,i)perylene	20.12	276	583872	46.21	ng	95

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

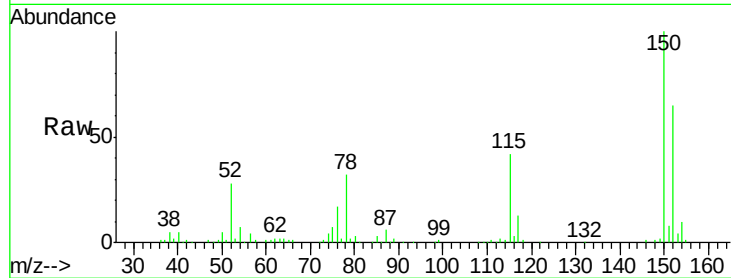


#1

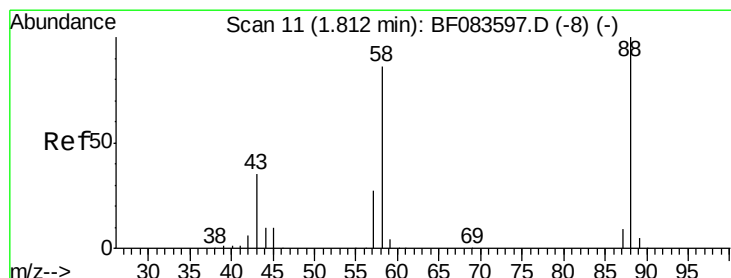
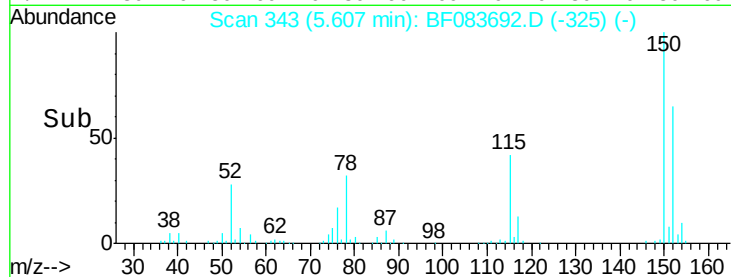
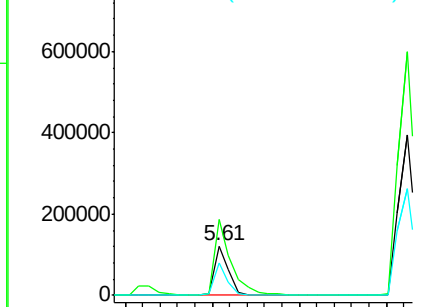
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.61 min Scan# 343
Delta R.T. -0.09 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:31

Instrument :
BNA_F
ClientSampleId :
A8-4CMS

Tgt Ion:152 Resp: 137696
Ion Ratio Lower Upper
152 100
150 154.8 126.5 189.7
115 64.6 52.3 78.5



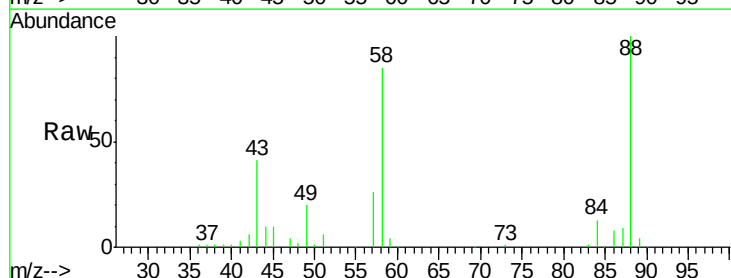
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



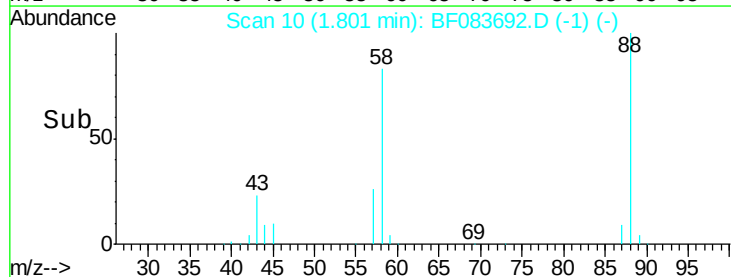
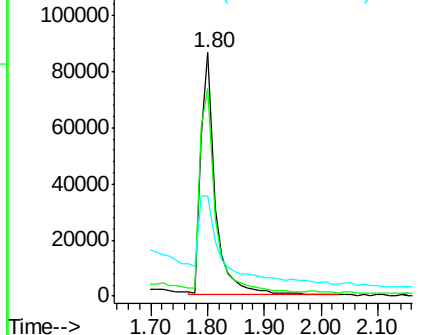
#2

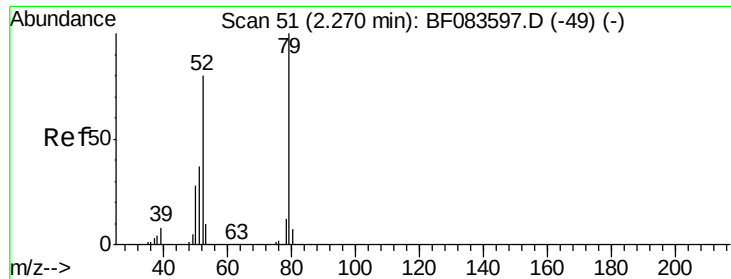
1,4-Dioxane
Concen: 32.88 ng
RT: 1.80 min Scan# 10
Delta R.T. -0.01 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:31

Tgt Ion: 88 Resp: 147493
Ion Ratio Lower Upper
88 100
58 89.1 68.0 102.0
43 66.1 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

Pyridine

Concen: 35.57 ng

RT: 2.24 min Scan# 48

Delta R.T. -0.03 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:31

Instrument :

BNA_F

ClientSampled :

A8-4CMS

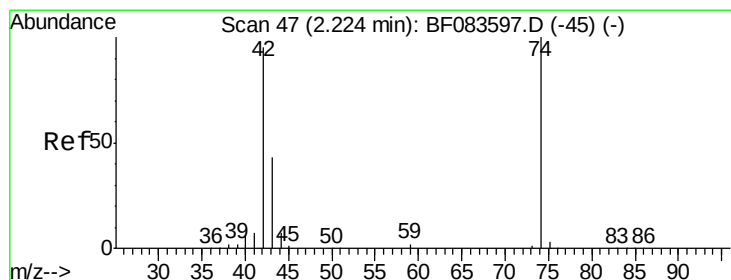
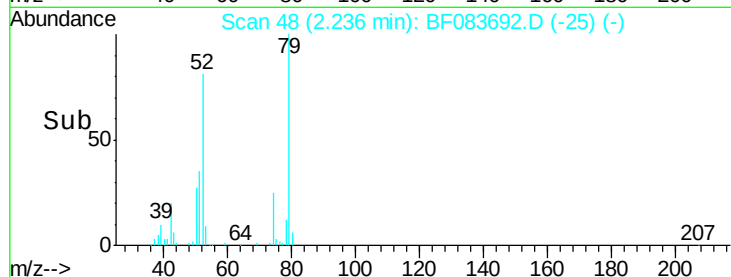
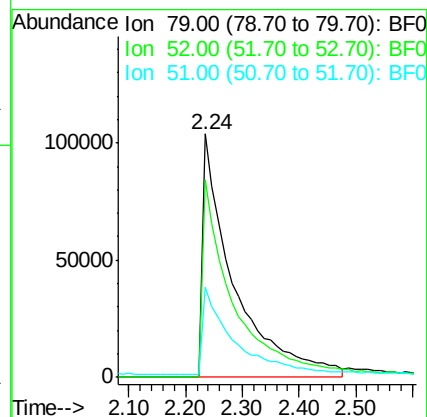
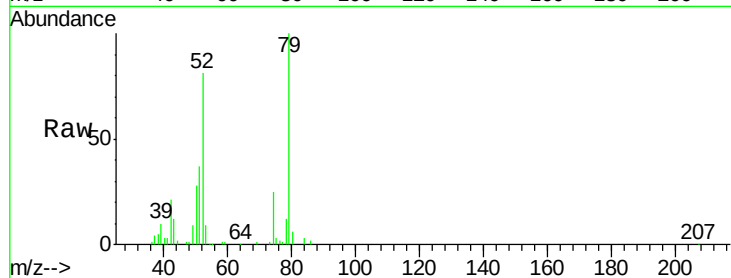
Tgt Ion: 79 Resp: 387563

Ion Ratio Lower Upper

79 100

52 81.4 63.7 95.5

51 37.2 30.6 45.8



#4

n-Nitrosodimethylamine

Concen: 36.85 ng

RT: 2.20 min Scan# 45

Delta R.T. -0.02 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:31

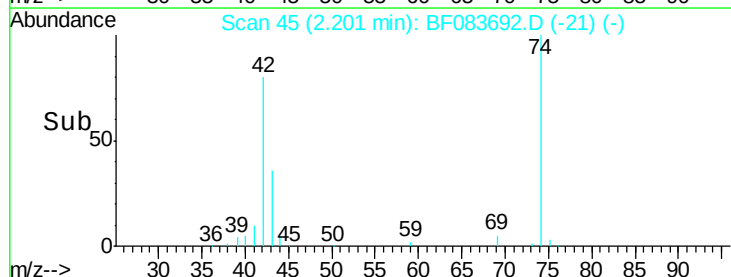
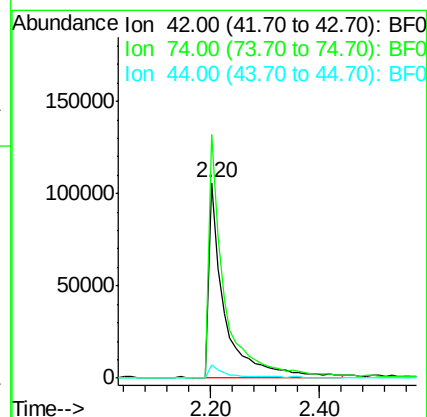
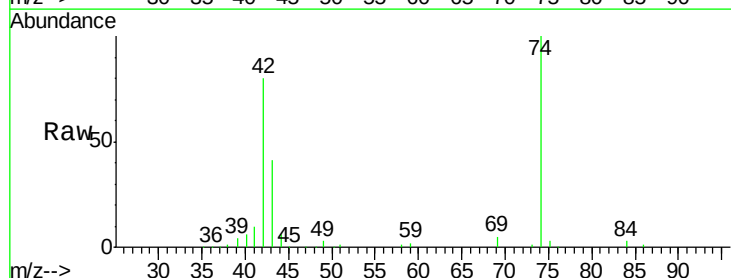
Tgt Ion: 42 Resp: 211411

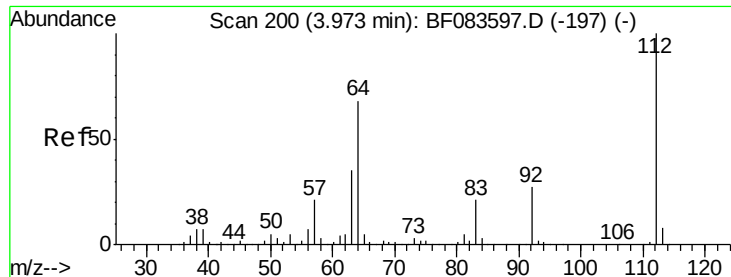
Ion Ratio Lower Upper

42 100

74 124.8 92.9 139.3

44 6.9 5.7 8.5





#5

2-Fluorophenol

Concen: 130.64 ng

RT: 3.90 min Scan# 194

Delta R.T. -0.07 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:31

Instrument :

BNA_F

ClientSampleId :

A8-4CMS

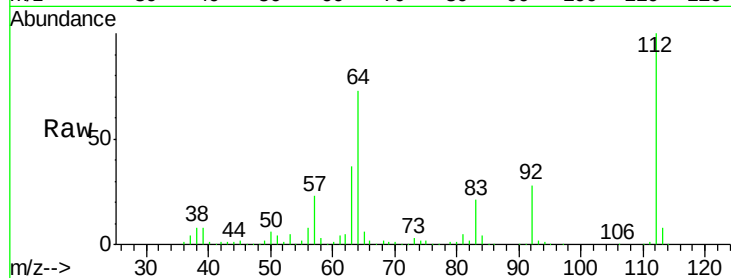
Tgt Ion: 112 Resp: 1186048

Ion Ratio Lower Upper

112 100

64 72.7 50.5 75.7

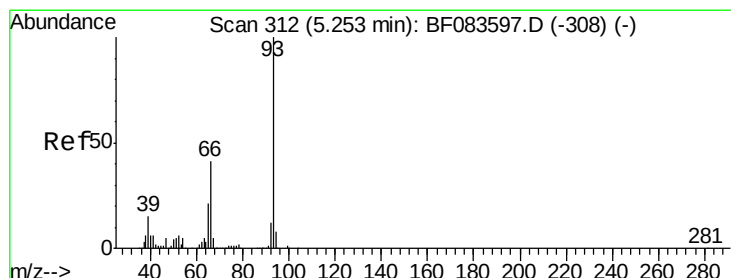
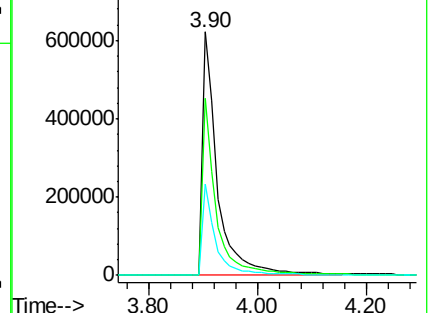
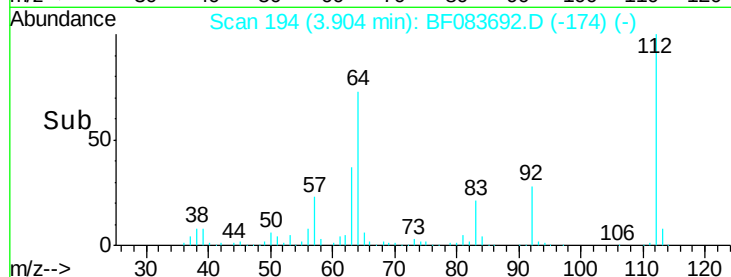
63 37.3 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 20.74 ng

RT: 5.17 min Scan# 305

Delta R.T. -0.08 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:31

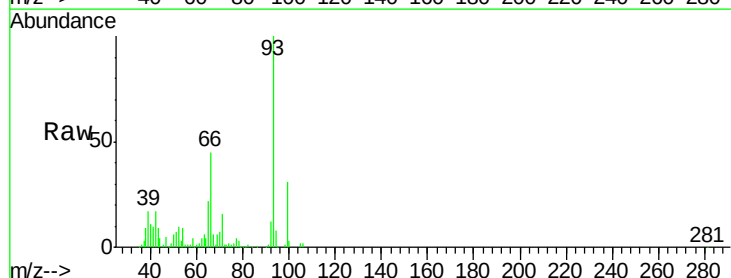
Tgt Ion: 93 Resp: 310002

Ion Ratio Lower Upper

93 100

66 45.3 41.3 61.9

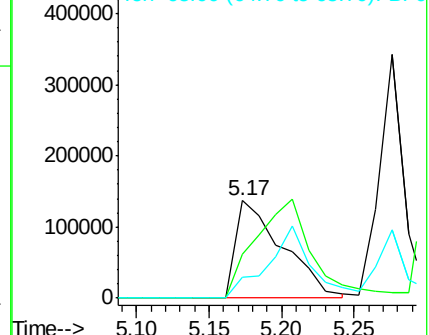
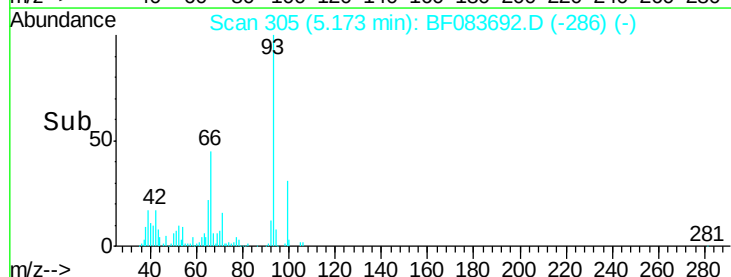
65 22.0 20.8 31.2

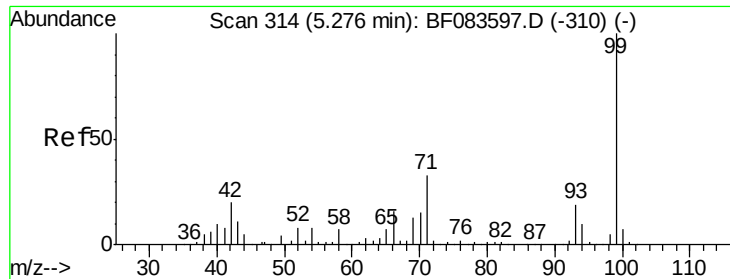


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 125.29 ng

RT: 5.20 min Scan# 307

Delta R.T. -0.08 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:31

Instrument :

BNA_F

ClientSampleId :

A8-4CMS

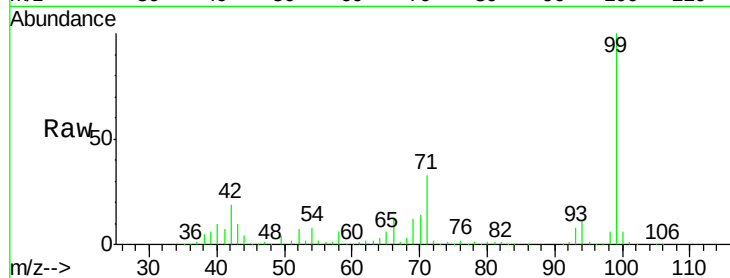
Tgt Ion: 99 Resp: 1519775

Ion Ratio Lower Upper

99 100

42 19.2 17.3 25.9

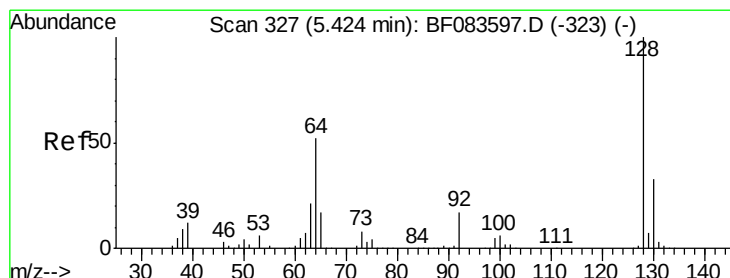
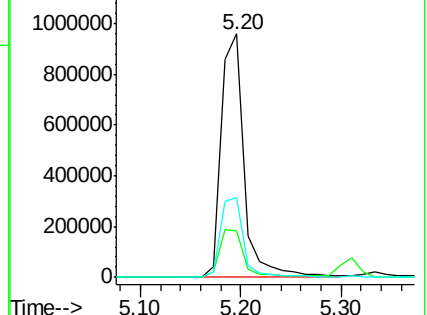
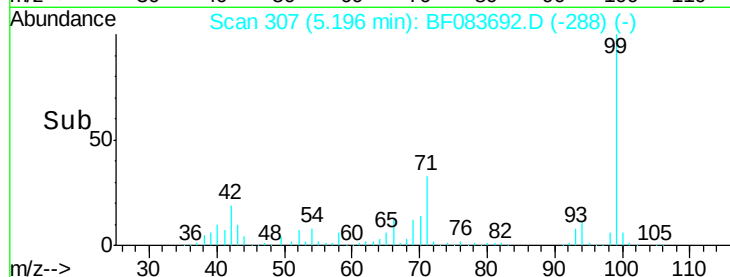
71 32.7 26.6 40.0



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: 39.31 ng

RT: 5.33 min Scan# 319

Delta R.T. -0.09 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:31

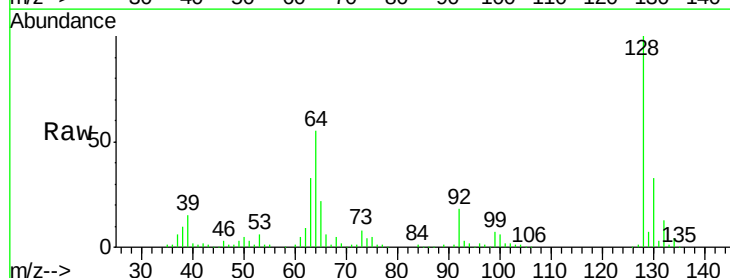
Tgt Ion: 128 Resp: 390250

Ion Ratio Lower Upper

128 100

130 32.6 12.6 52.6

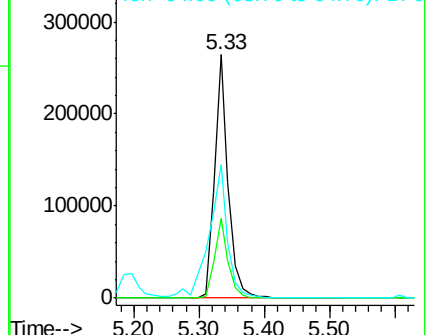
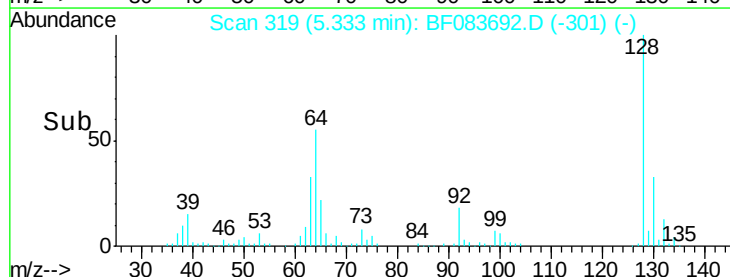
64 54.9 38.6 78.6

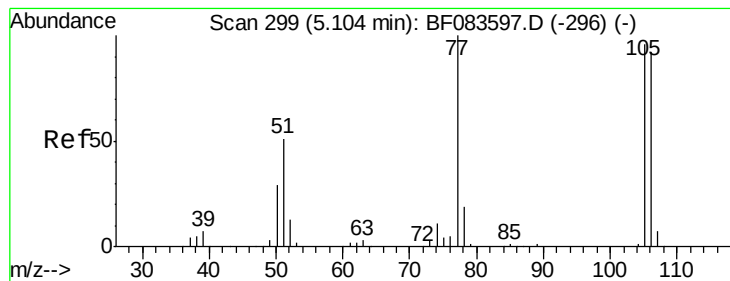


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 14.35 ng

RT: 5.05 min Scan# 294

Delta R.T. -0.06 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:31

Instrument :

BNA_F

ClientSampleId :

A8-4CMS

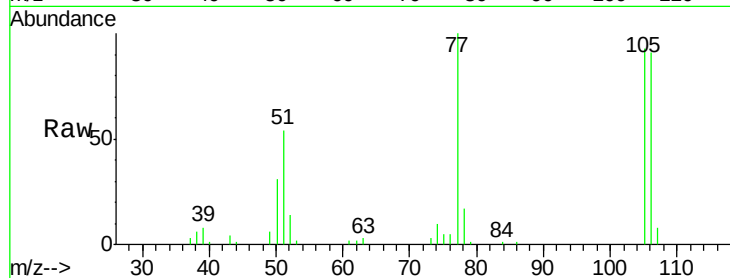
Tgt Ion: 77 Resp: 110395

Ion Ratio Lower Upper

77 100

105 93.1 71.8 111.8

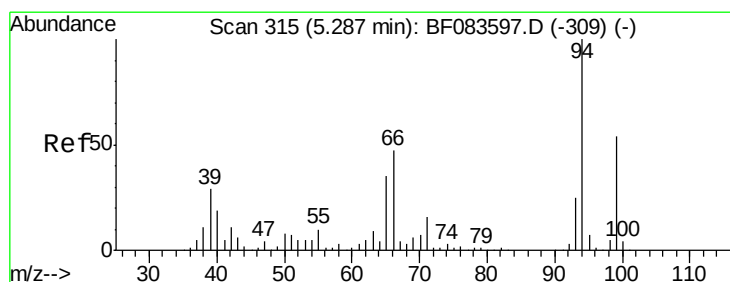
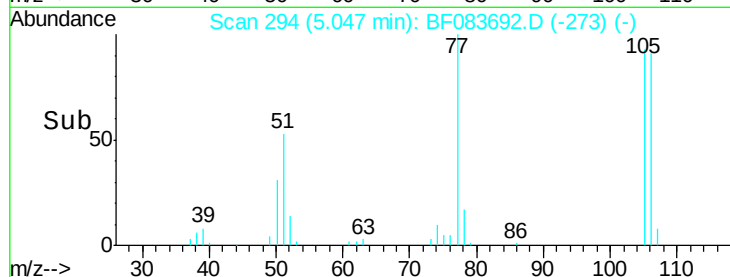
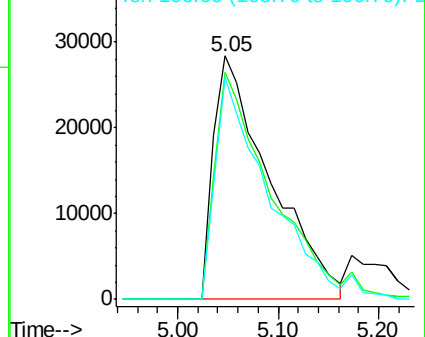
106 90.9 66.8 106.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 39.47 ng

RT: 5.21 min Scan# 308

Delta R.T. -0.08 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:31

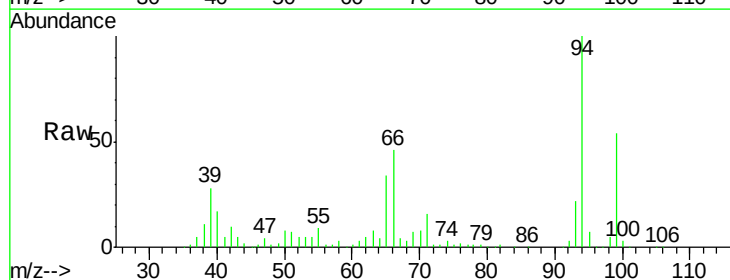
Tgt Ion: 94 Resp: 579916

Ion Ratio Lower Upper

94 100

65 33.6 20.9 60.9

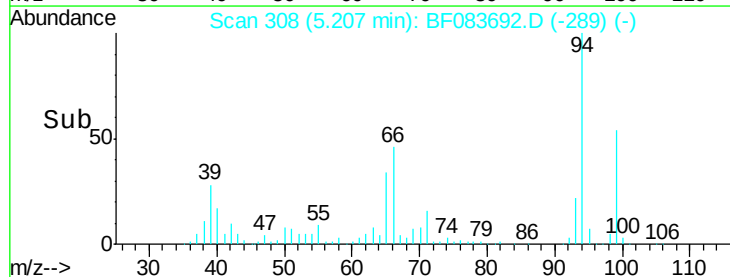
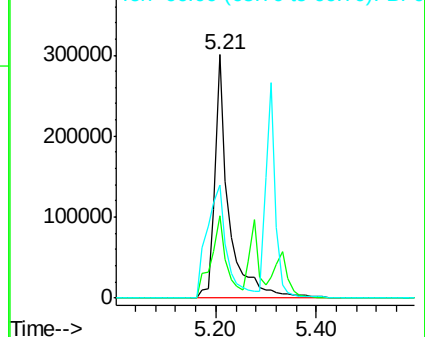
66 46.2 41.6 81.6

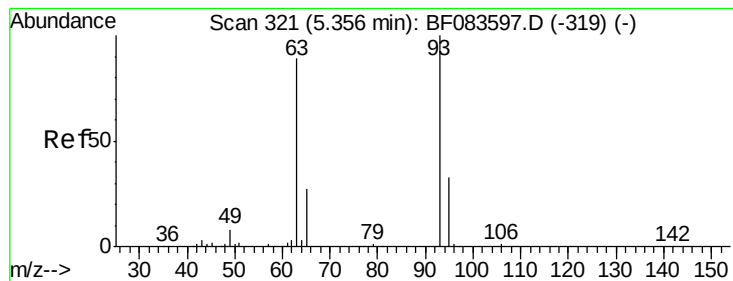


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

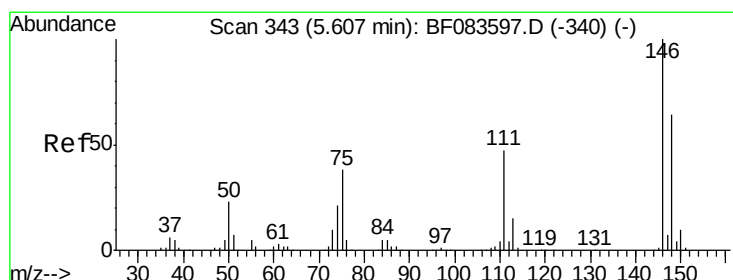
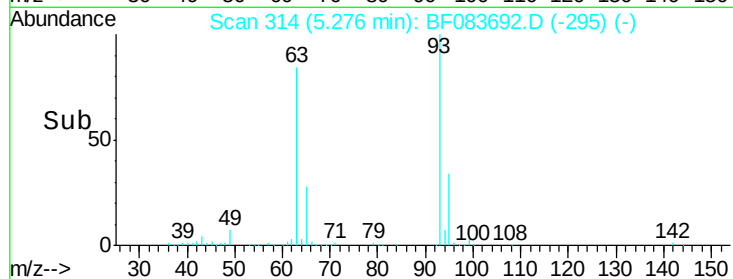
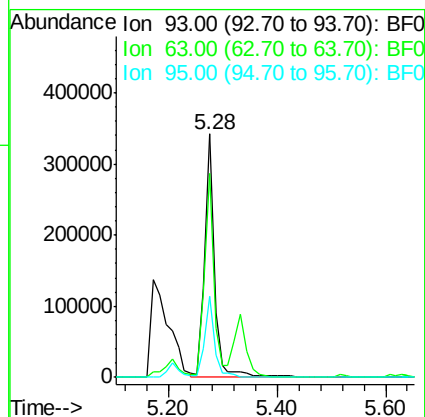
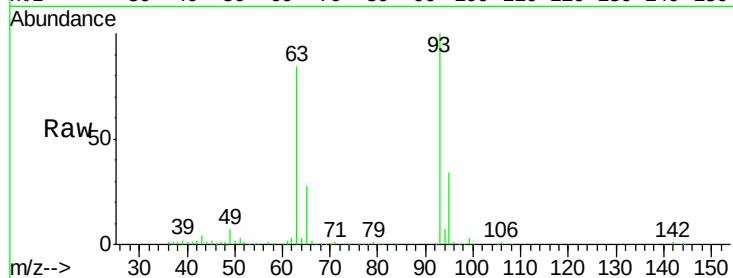




#11
bis(2-Chloroethyl)ether
Concen: 39.18 ng
RT: 5.28 min Scan# 314
Delta R.T. -0.08 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:31

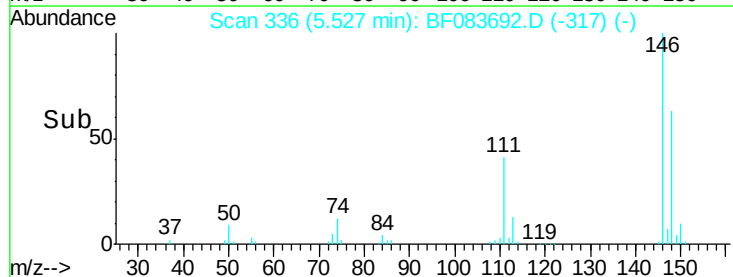
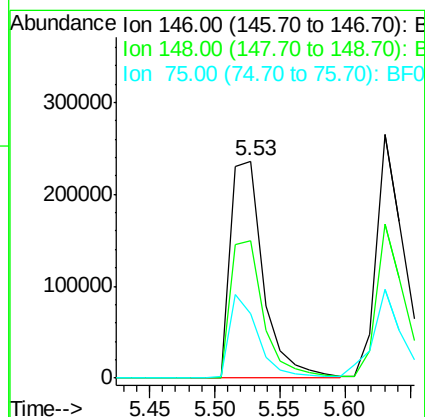
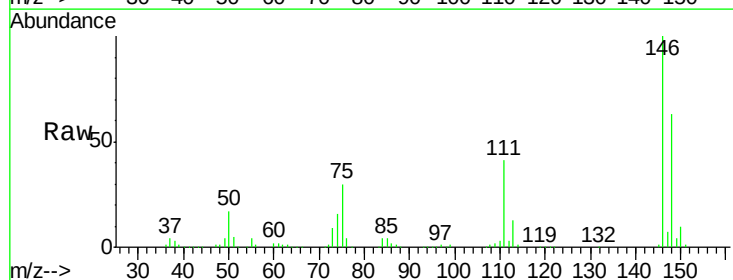
Instrument :
BNA_F
ClientSampleId :
A8-4CMS

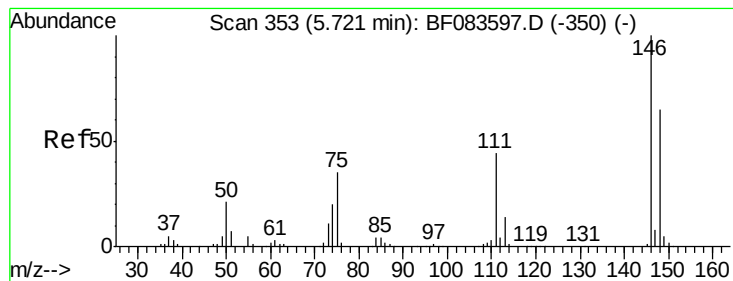
Tgt Ion: 93 Resp: 423546
Ion Ratio Lower Upper
93 100
63 84.0 64.7 104.7
95 33.5 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 37.49 ng
RT: 5.53 min Scan# 336
Delta R.T. -0.08 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:31

Tgt Ion: 146 Resp: 414890
Ion Ratio Lower Upper
146 100
148 63.5 51.3 76.9
75 29.9 24.1 36.1





#13

1,4-Dichlorobenzene

Concen: 37.12 ng

RT: 5.63 min Scan# 345

Delta R.T. -0.09 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:31

Instrument :

BNA_F

ClientSampleId :

A8-4CMS

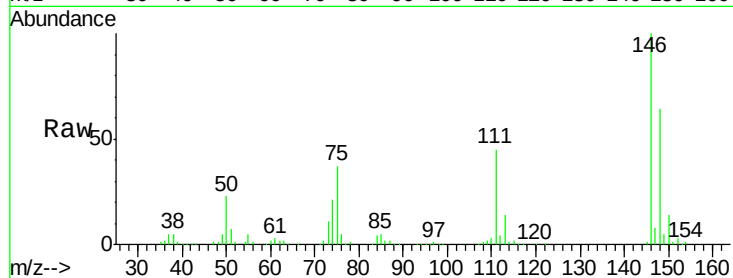
Tgt Ion:146 Resp: 421455

Ion Ratio Lower Upper

146 100

148 63.5 50.6 76.0

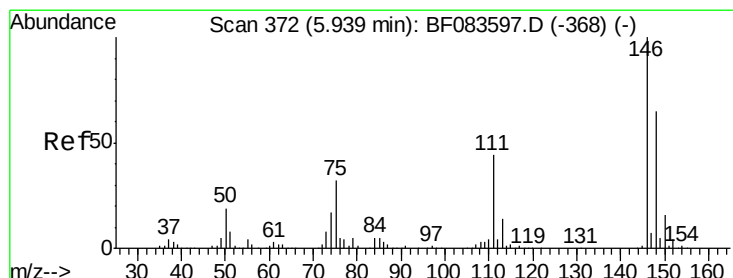
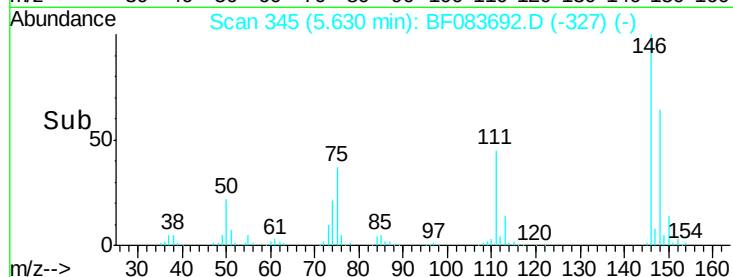
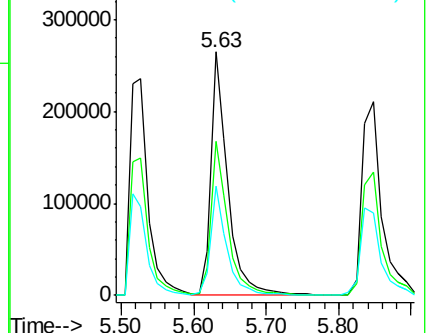
111 44.6 36.1 54.1



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: 37.61 ng

RT: 5.85 min Scan# 364

Delta R.T. -0.09 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:31

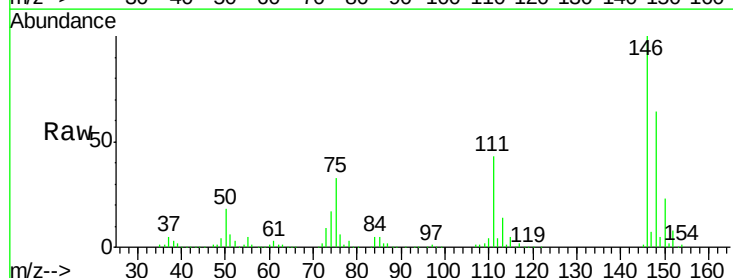
Tgt Ion:146 Resp: 396287

Ion Ratio Lower Upper

146 100

148 64.1 51.4 77.0

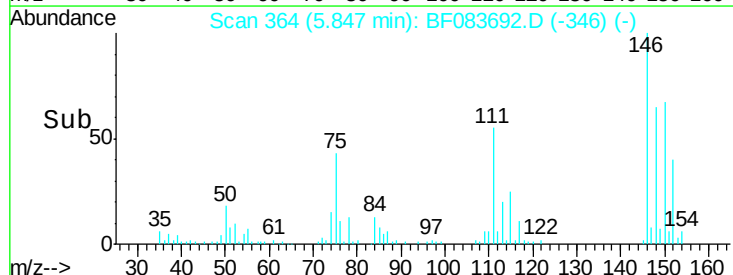
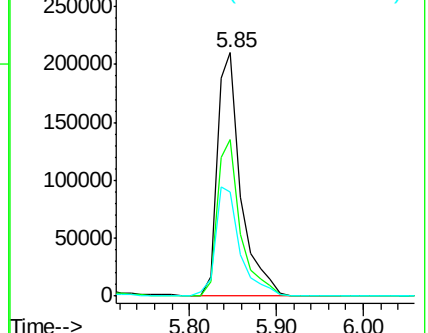
111 42.9 36.7 55.1

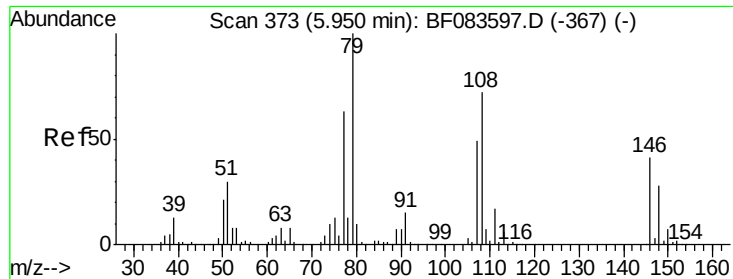


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

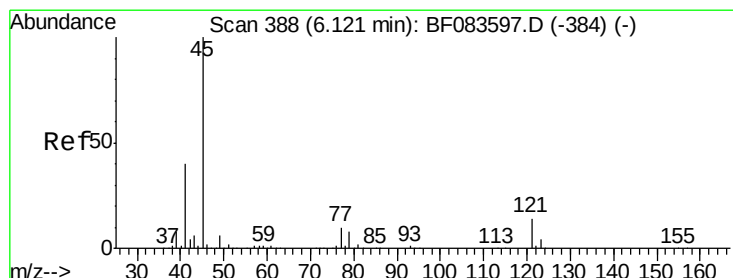
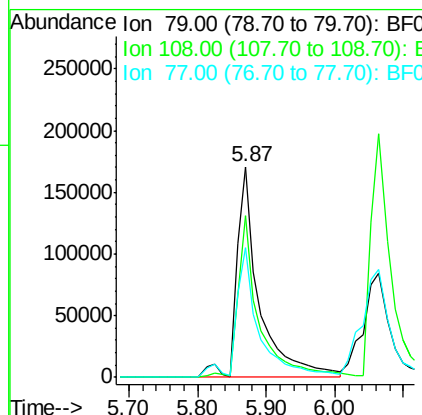
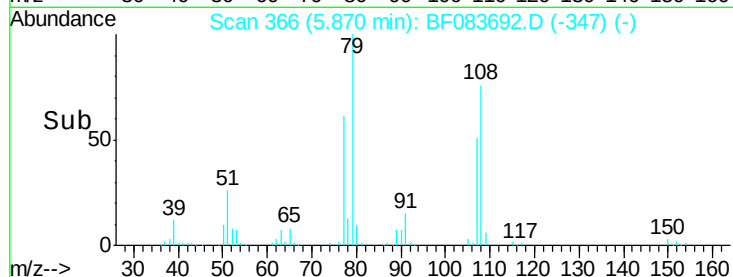
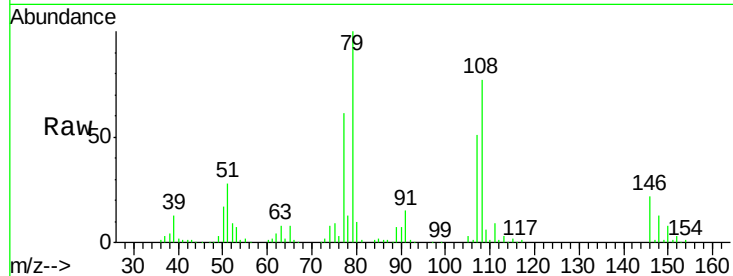




#15
Benzyl Alcohol
Concen: 45.16 ng
RT: 5.87 min Scan# 366
Delta R.T. -0.08 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:31

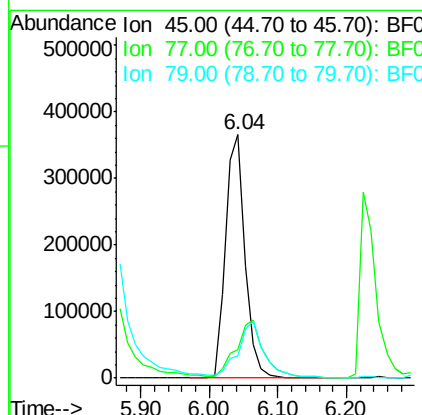
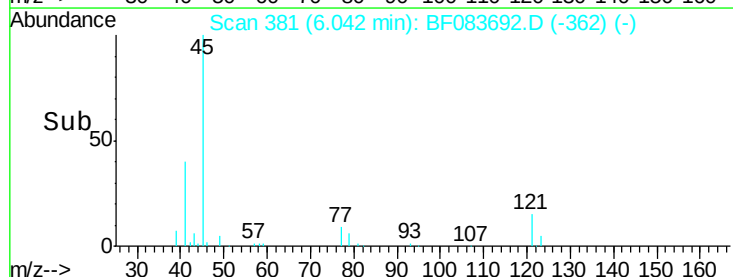
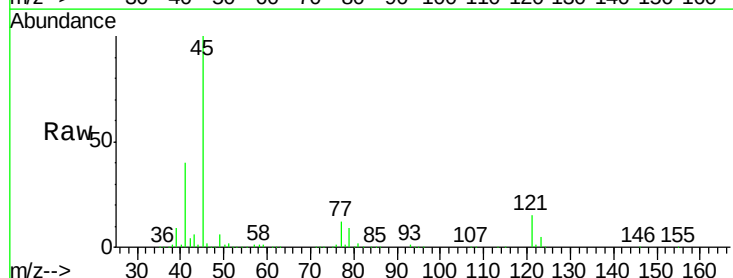
Instrument :
BNA_F
ClientSampleId :
A8-4CMS

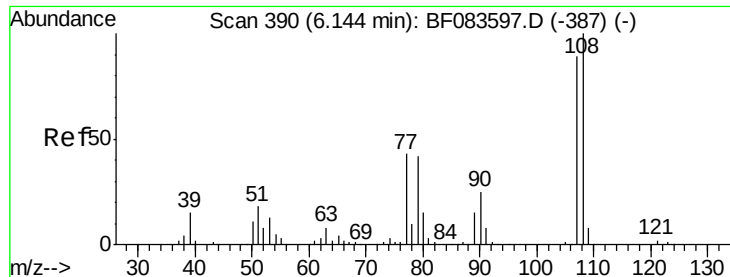
Tgt Ion: 79 Resp: 389775
Ion Ratio Lower Upper
79 100
108 76.7 59.6 89.4
77 61.3 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.61 ng
RT: 6.04 min Scan# 381
Delta R.T. -0.08 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:31

Tgt Ion: 45 Resp: 731892
Ion Ratio Lower Upper
45 100
77 11.6 12.8 52.8#
79 9.3 10.7 50.7#

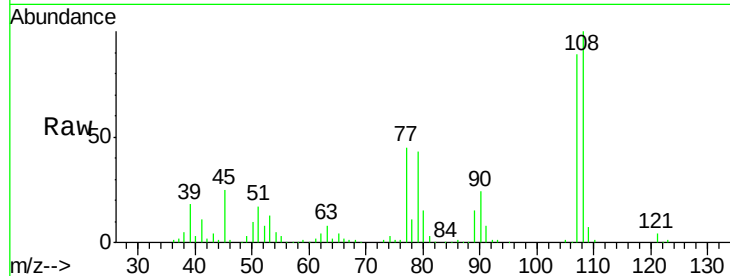




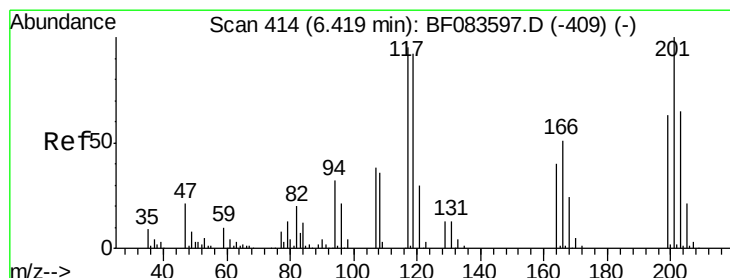
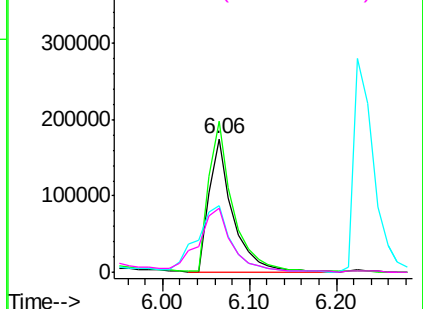
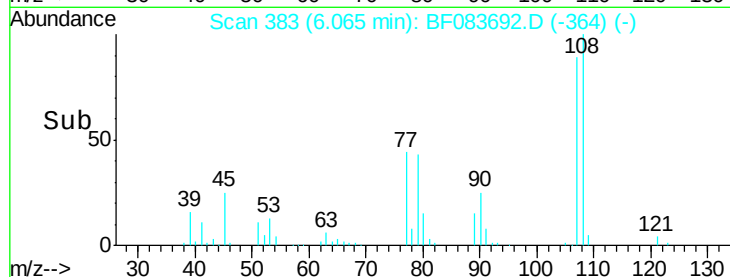
#17
2-Methylphenol
Concen: 40.96 ng
RT: 6.06 min Scan# 383
Delta R.T. -0.08 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:31

Instrument :
BNA_F
ClientSampleId :
A8-4CMS

Tgt Ion:107 Resp: 330895
Ion Ratio Lower Upper
107 100
108 112.8 91.6 137.4
77 50.3 53.7 80.5#
79 48.2 50.2 75.4#

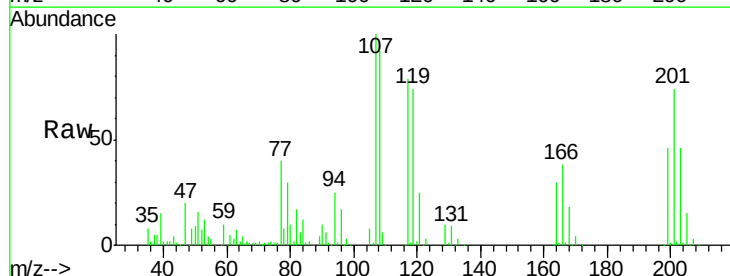


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

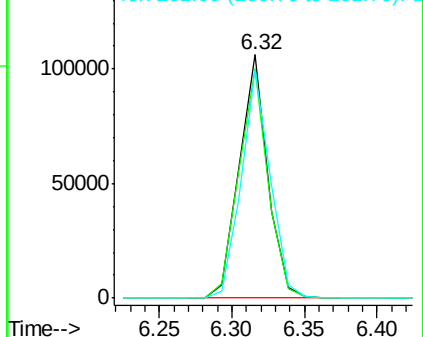
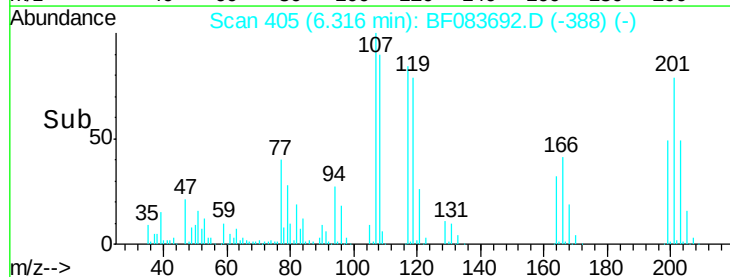


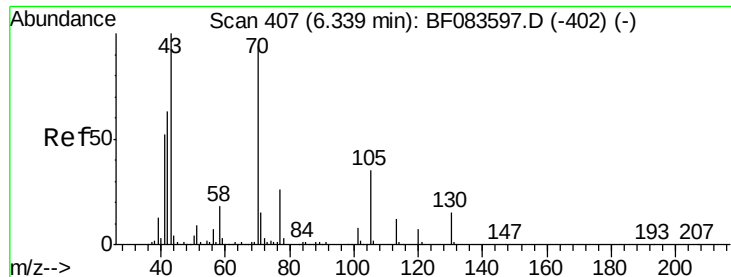
#18
Hexachloroethane
Concen: 35.98 ng
RT: 6.32 min Scan# 405
Delta R.T. -0.10 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:31

Tgt Ion:117 Resp: 144242
Ion Ratio Lower Upper
117 100
119 94.4 77.2 115.8
201 94.0 86.8 130.2



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

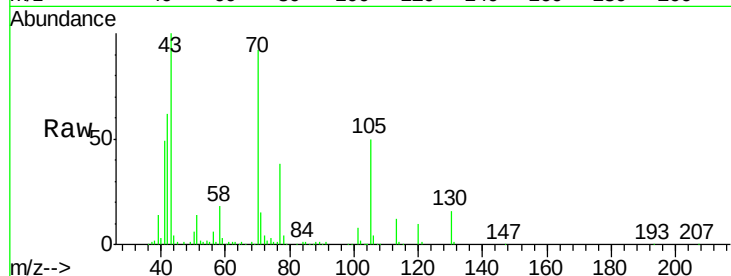




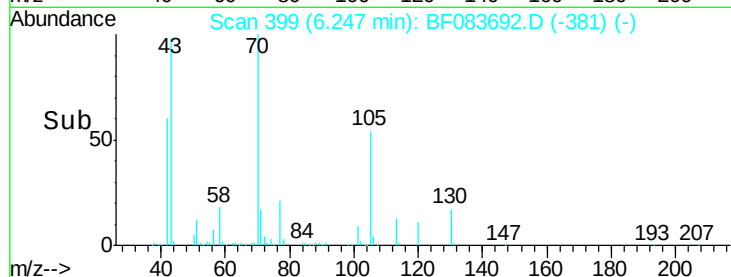
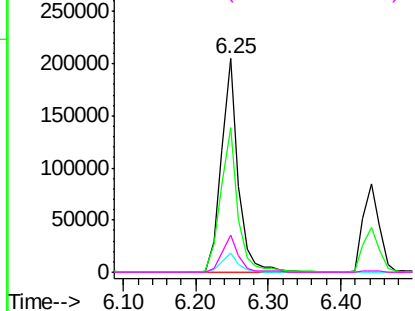
#19
n-Nitroso-di-n-propylamine
Concen: 38.88 ng
RT: 6.25 min Scan# 399
Delta R.T. -0.09 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:31

Instrument :
BNA_F
ClientSampleId :
A8-4CMS

Tgt Ion: 70 Resp: 329166
Ion Ratio Lower Upper
70 100
42 67.9 49.2 73.8
101 8.8 7.1 10.7
130 17.3 15.4 23.0



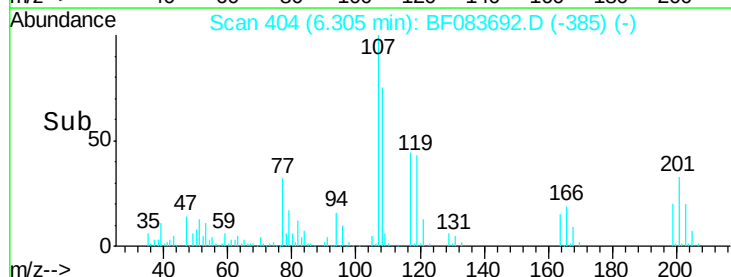
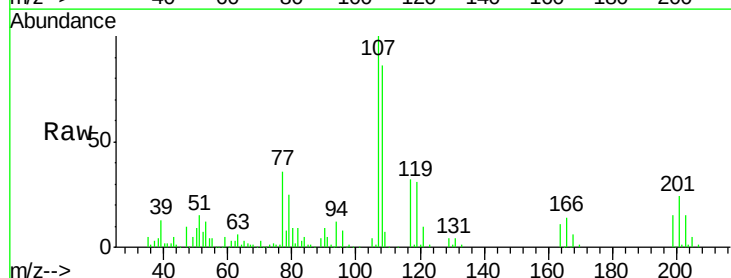
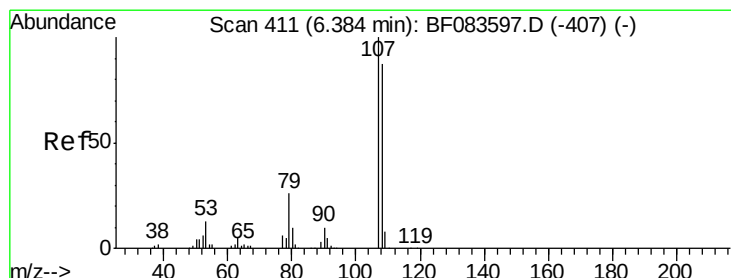
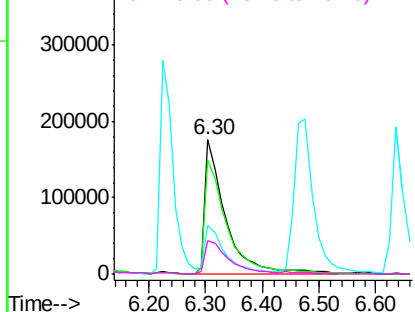
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

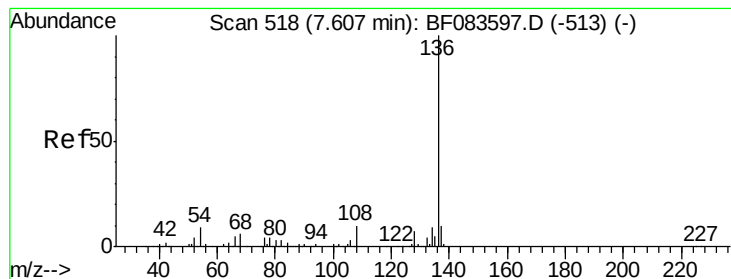


#20
3+4-Methylphenols
Concen: 39.92 ng
RT: 6.30 min Scan# 404
Delta R.T. -0.08 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:31

Tgt Ion: 107 Resp: 424637
Ion Ratio Lower Upper
107 100
108 85.6 65.2 105.2
77 36.4 15.2 55.2
79 25.4 6.0 46.0

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.50 min Scan# 509

Delta R.T. -0.10 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:31

Instrument :

BNA_F

ClientSampleId :

A8-4CMS

Tgt Ion:136 Resp: 524772

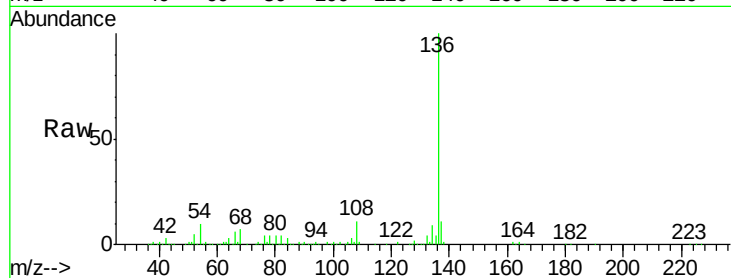
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 10.1 7.8 11.6

68 7.3 5.7 8.5

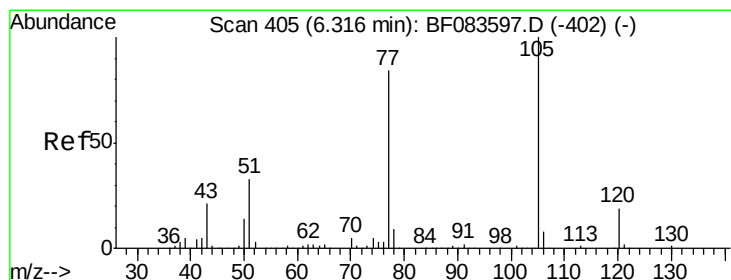
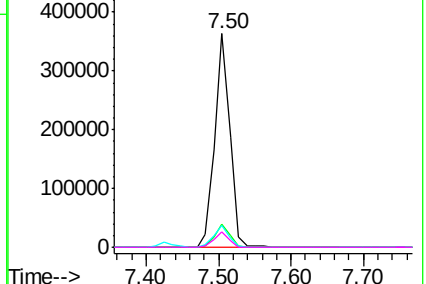
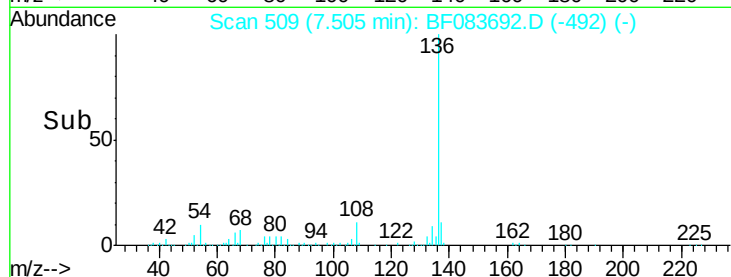


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 37.05 ng

RT: 6.22 min Scan# 397

Delta R.T. -0.09 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:31

Tgt Ion:105 Resp: 545361

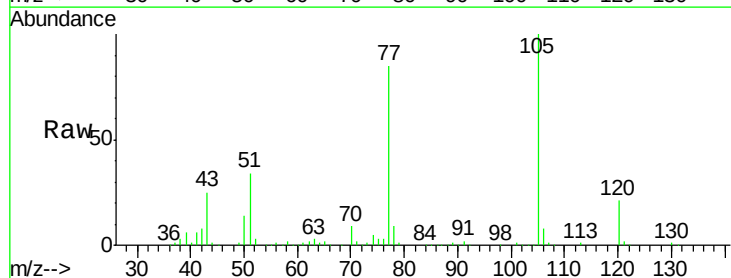
Ion Ratio Lower Upper

105 100

71 1.5 1.3 1.9

51 33.5 23.8 35.8

120 20.5 16.7 25.1

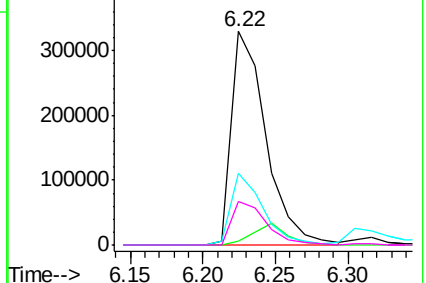
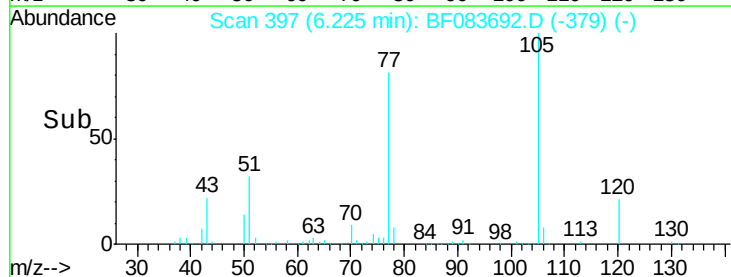


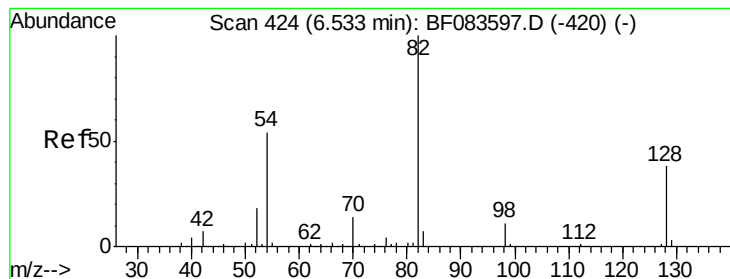
Abundance Ion 105.00 (104.70 to 105.70): E

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





#23

Nitrobenzene-d5

Concen: 86.36 ng

RT: 6.44 min Scan# 416

Delta R.T. -0.09 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:31

Instrument :

BNA_F

ClientSampleId :

A8-4CMS

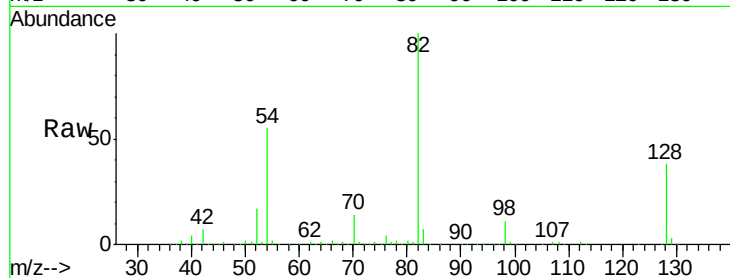
Tgt Ion: 82 Resp: 971209

Ion Ratio Lower Upper

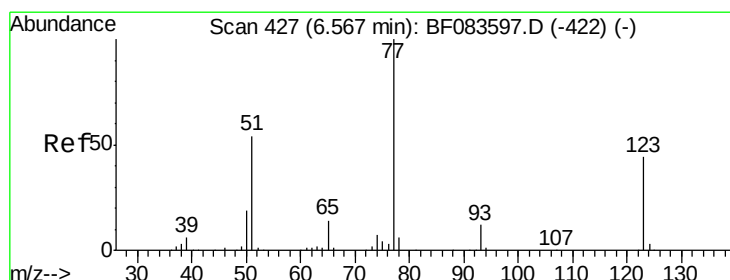
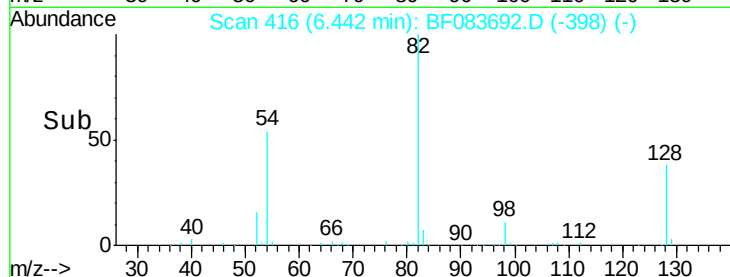
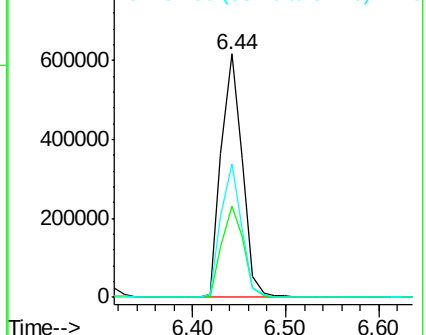
82 100

128 37.5 30.7 46.1

54 54.6 42.5 63.7



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



#24

Nitrobenzene

Concen: 36.65 ng

RT: 6.48 min Scan# 419

Delta R.T. -0.09 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:31

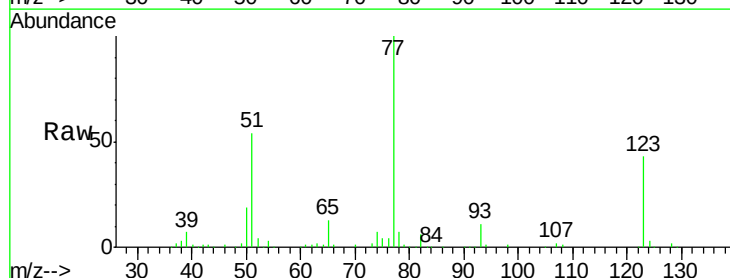
Tgt Ion: 77 Resp: 455585

Ion Ratio Lower Upper

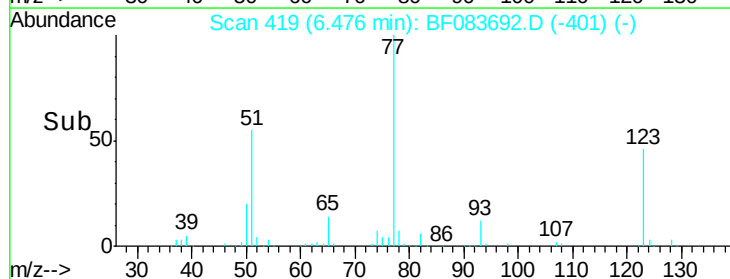
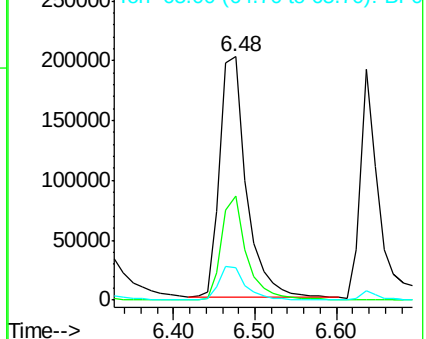
77 100

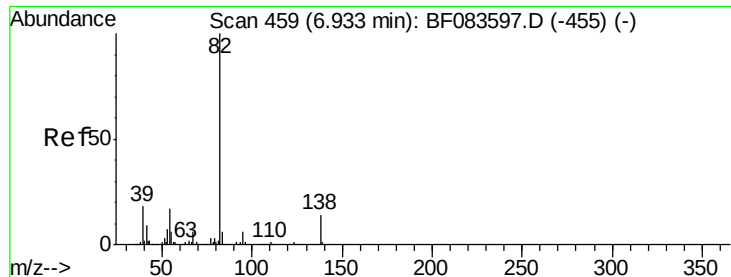
123 42.7 29.8 44.6

65 13.1 11.1 16.7



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.54 ng

RT: 6.84 min Scan# 451

Delta R.T. -0.09 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:31

Instrument :

BNA_F

ClientSampleId :

A8-4CMS

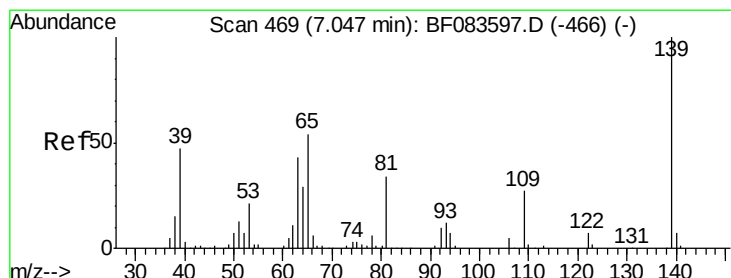
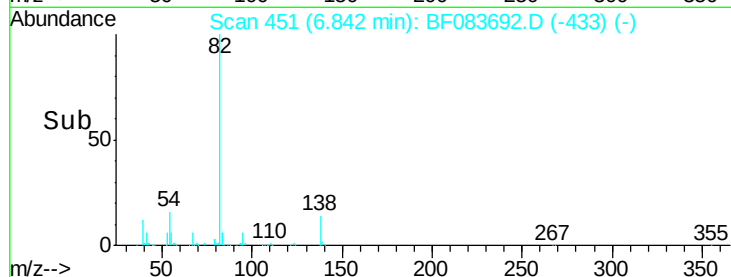
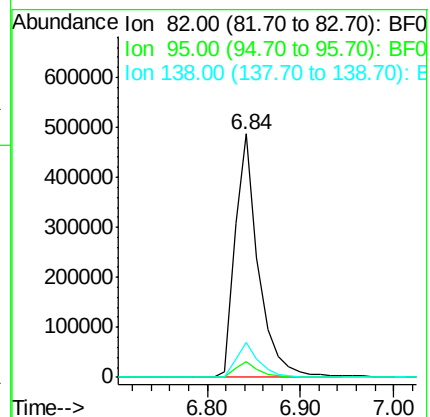
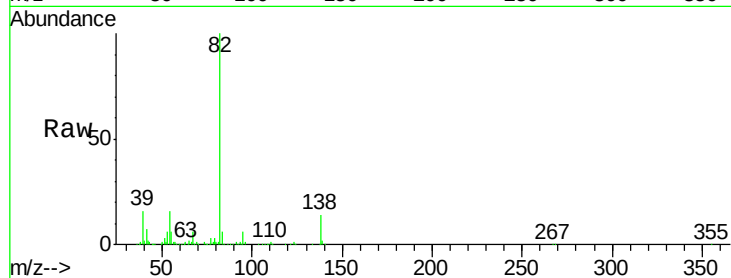
Tgt Ion: 82 Resp: 841237

Ion Ratio Lower Upper

82 100

95 6.4 5.0 7.4

138 14.2 12.1 18.1



#26

2-Nitrophenol

Concen: 38.70 ng

RT: 6.96 min Scan# 461

Delta R.T. -0.09 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:31

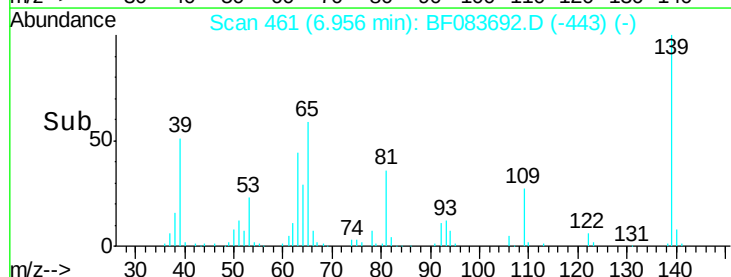
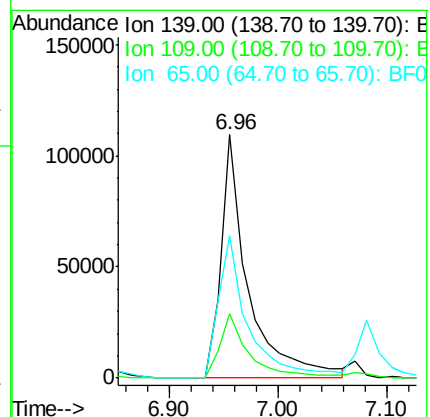
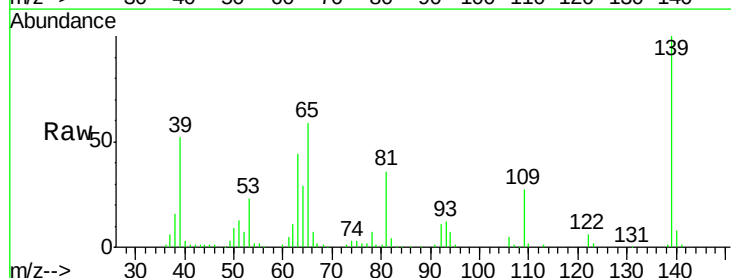
Tgt Ion: 139 Resp: 191013

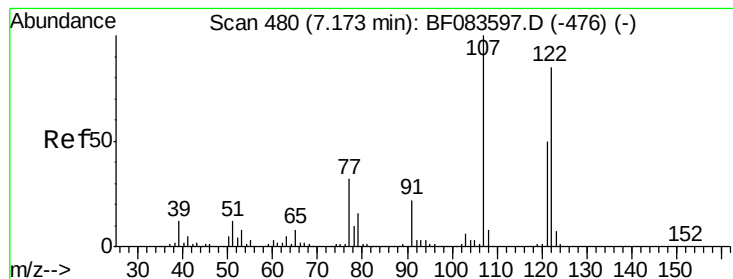
Ion Ratio Lower Upper

139 100

109 26.6 22.7 34.1

65 58.6 51.8 77.8





#27

2,4-Dimethylphenol

Concen: 38.55 ng

RT: 7.08 min Scan# 472

Delta R.T. -0.09 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:31

Instrument :

BNA_F

ClientSampleId :

A8-4CMS

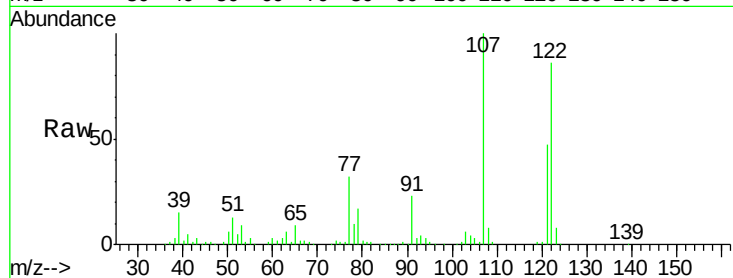
Tgt Ion:122 Resp: 332797

Ion Ratio Lower Upper

122 100

107 116.0 92.4 138.6

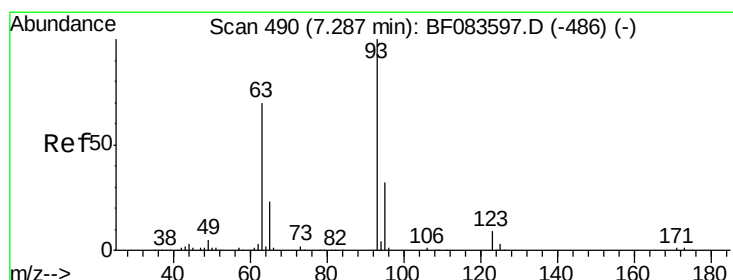
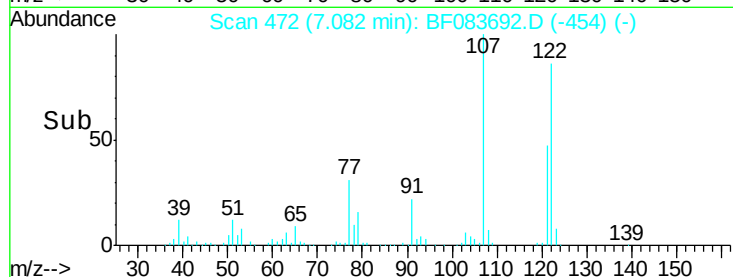
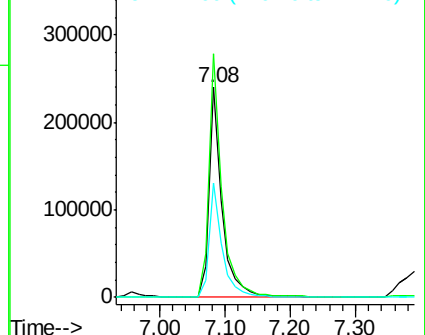
121 54.7 45.8 68.6



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: 41.40 ng

RT: 7.20 min Scan# 482

Delta R.T. -0.09 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:31

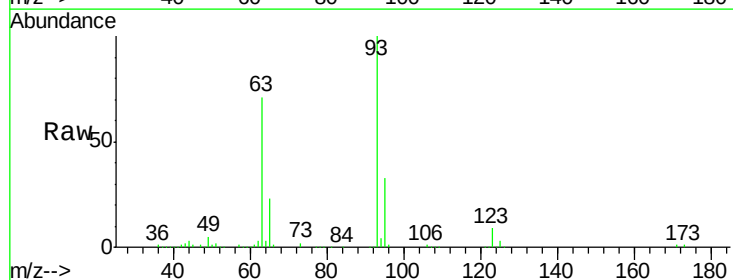
Tgt Ion: 93 Resp: 501788

Ion Ratio Lower Upper

93 100

95 33.4 25.6 38.4

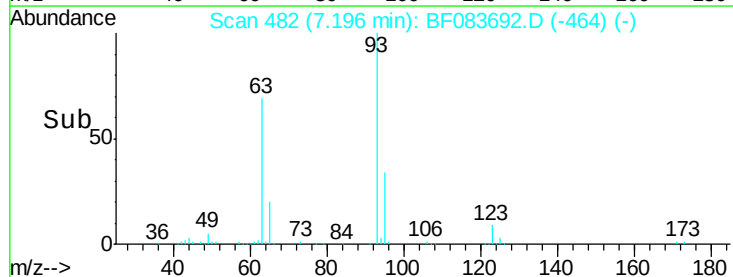
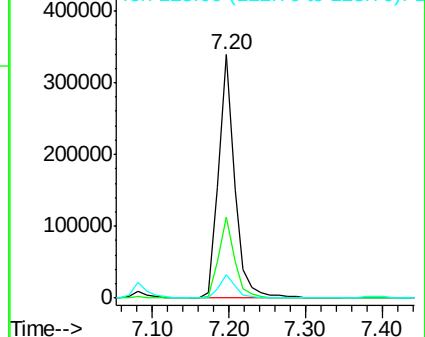
123 9.5 7.3 10.9

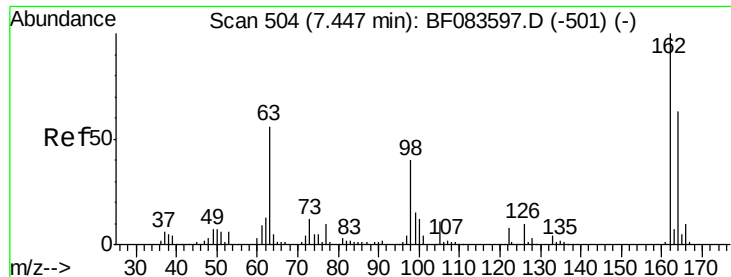


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

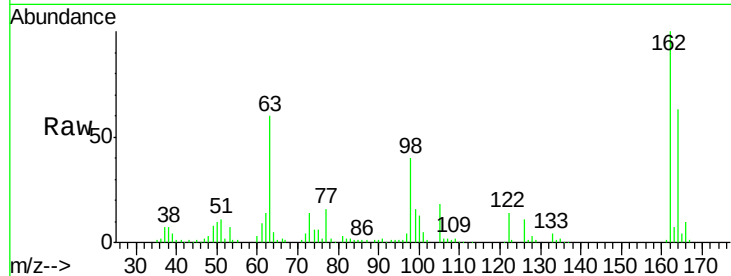




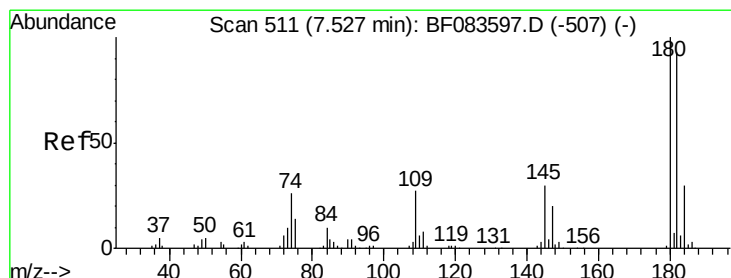
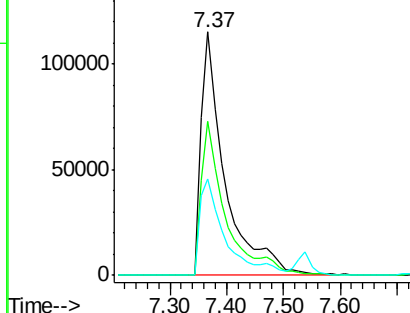
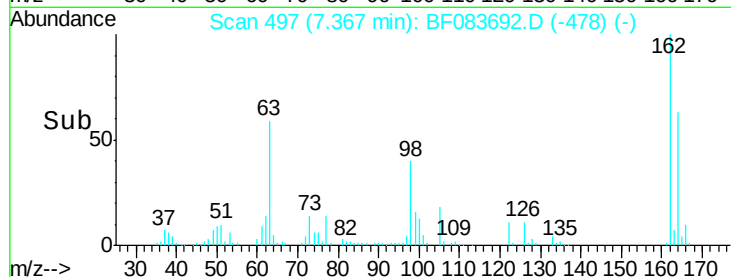
#29
 2,4-Dichlorophenol
 Concen: 41.87 ng
 RT: 7.37 min Scan# 497
 Delta R.T. -0.08 min
 Lab File: BF083692.D
 Acq: 10 Dec 2015 23:31

Instrument :
 BNA_F
 ClientSampleId :
 A8-4CMS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.3	43.4	83.4
98	39.6	17.5	57.5

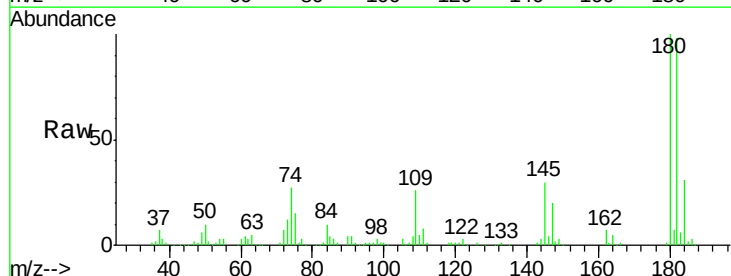


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

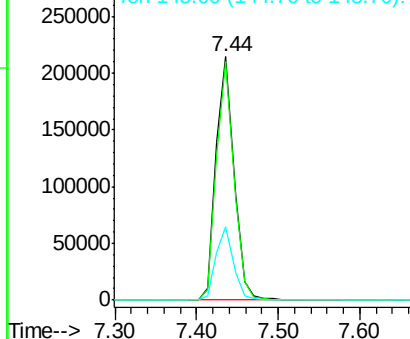
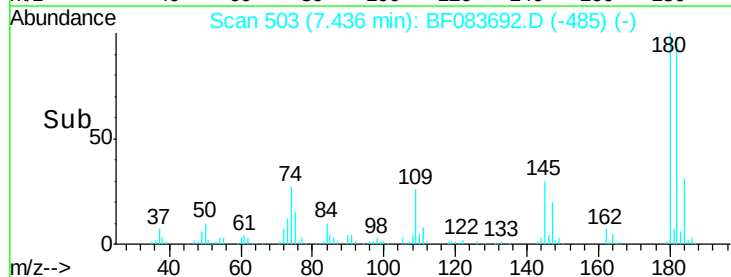


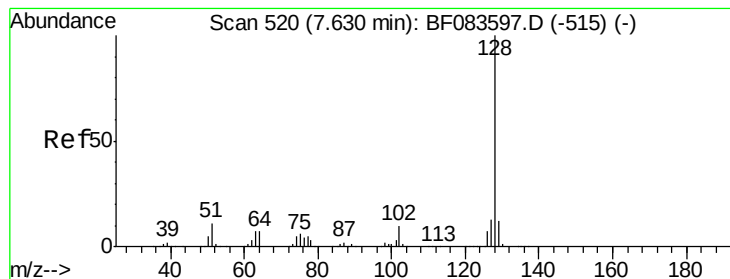
#30
 1,2,4-Trichlorobenzene
 Concen: 37.96 ng
 RT: 7.44 min Scan# 503
 Delta R.T. -0.09 min
 Lab File: BF083692.D
 Acq: 10 Dec 2015 23:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.8	74.9	112.3
145	30.0	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: 39.76 ng

RT: 7.54 min Scan# 512

Delta R.T. -0.09 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:31

Instrument :

BNA_F

ClientSampleId :

A8-4CMS

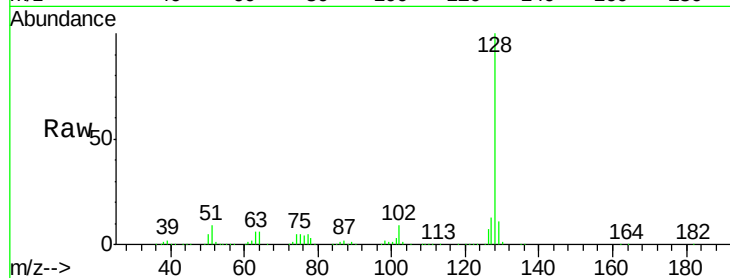
Tgt Ion:128 Resp: 1104951

Ion Ratio Lower Upper

128 100

129 11.0 8.6 13.0

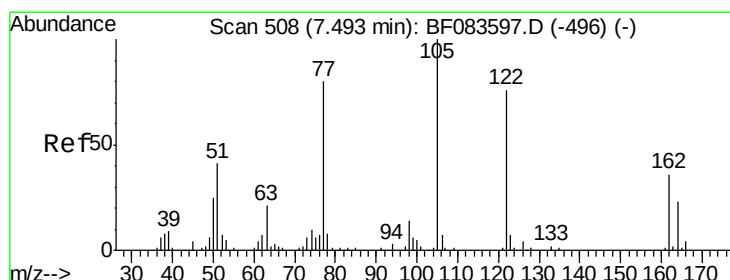
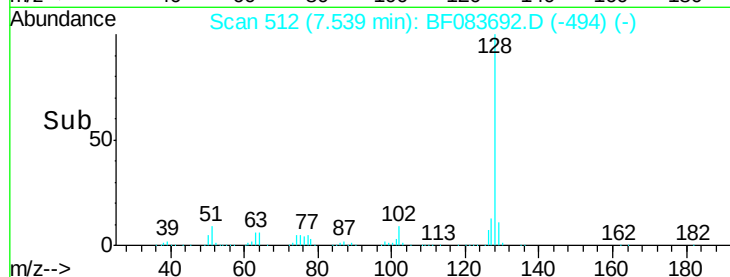
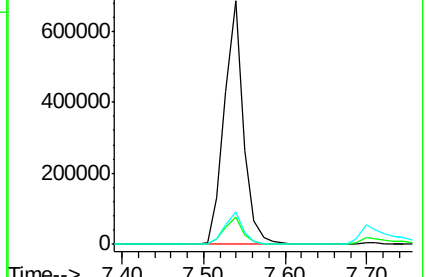
127 13.1 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 19.68 ng

RT: 7.39 min Scan# 499

Delta R.T. -0.10 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:31

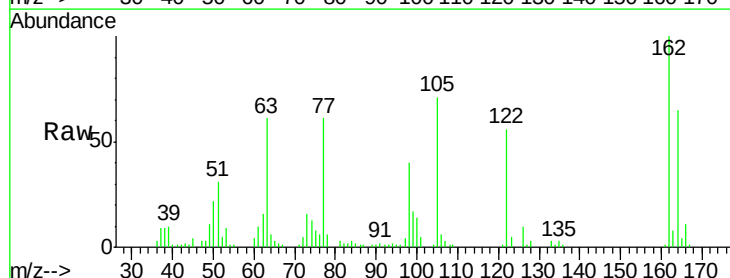
Tgt Ion:122 Resp: 98311

Ion Ratio Lower Upper

122 100

105 127.3 105.6 145.6

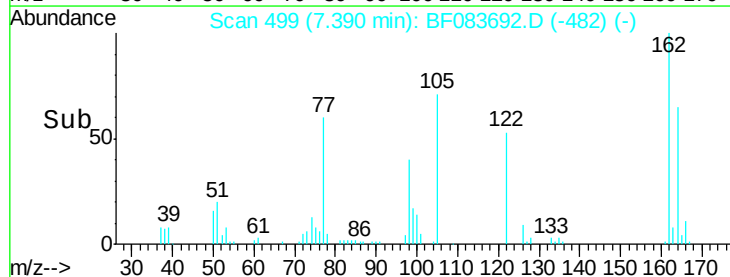
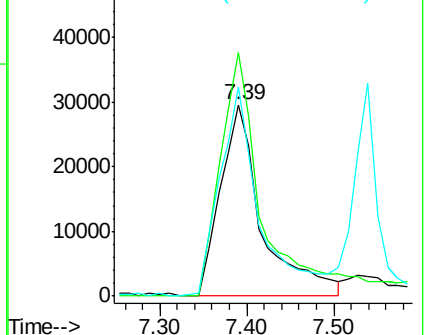
77 109.1 86.8 126.8

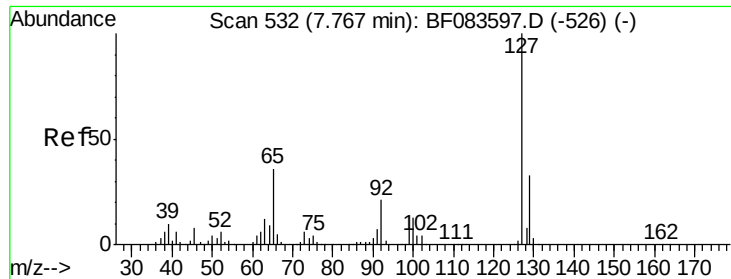


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

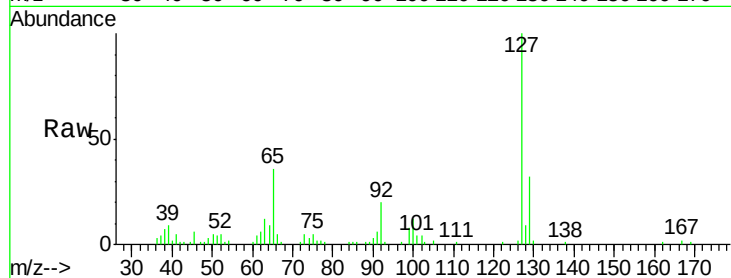




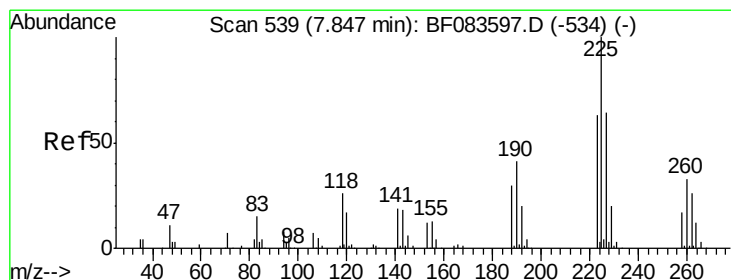
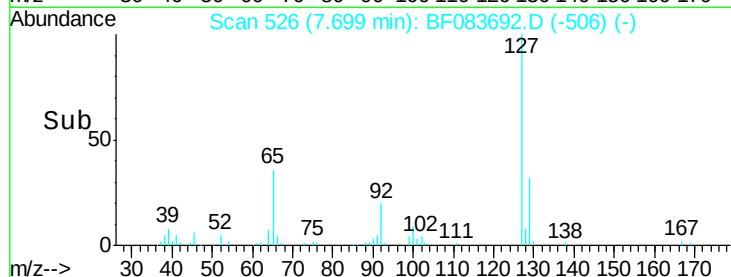
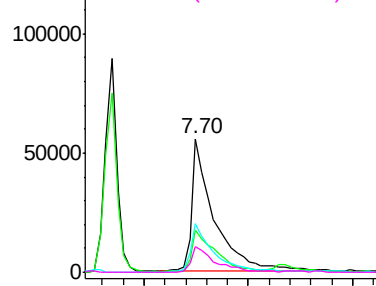
#33
4-Chloroaniline
Concen: 16.25 ng
RT: 7.70 min Scan# 526
Delta R.T. -0.07 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:31

Instrument :
BNA_F
ClientSampleId :
A8-4CMS

Tgt Ion:	127	Resp:	164653
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.1	39.1
65	36.4	33.5	50.3
92	19.6	18.6	28.0

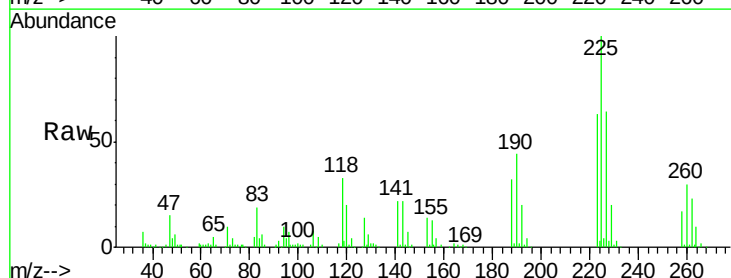


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

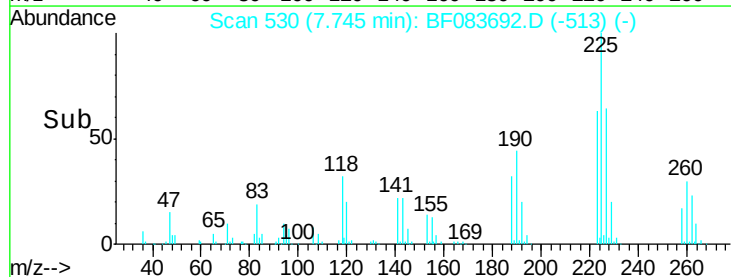
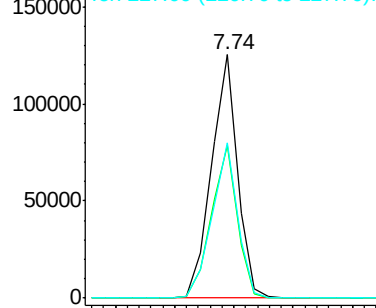


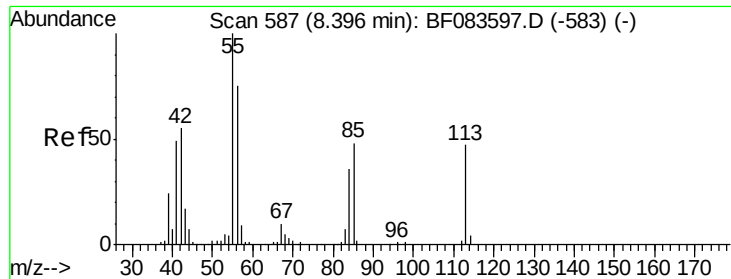
#34
Hexachlorobutadiene
Concen: 37.91 ng
RT: 7.74 min Scan# 530
Delta R.T. -0.10 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:31

Tgt Ion:	225	Resp:	192092
Ion	Ratio	Lower	Upper
225	100		
223	62.6	52.3	78.5
227	63.8	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

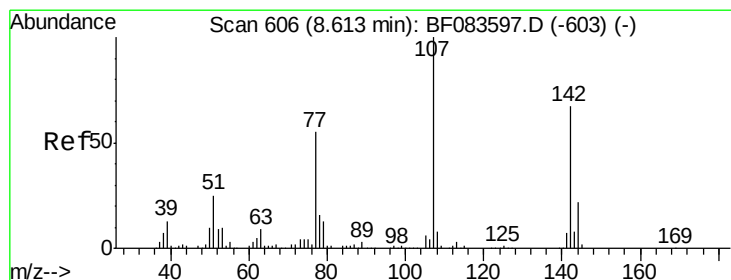
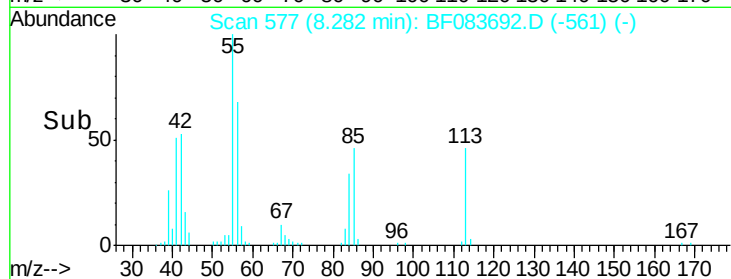
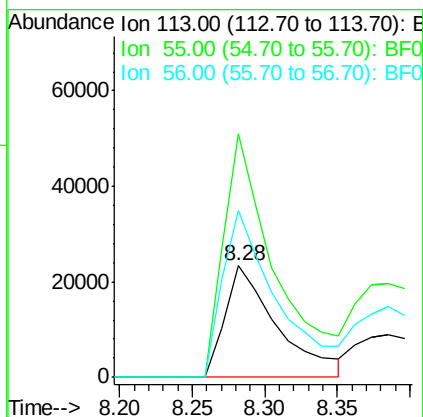
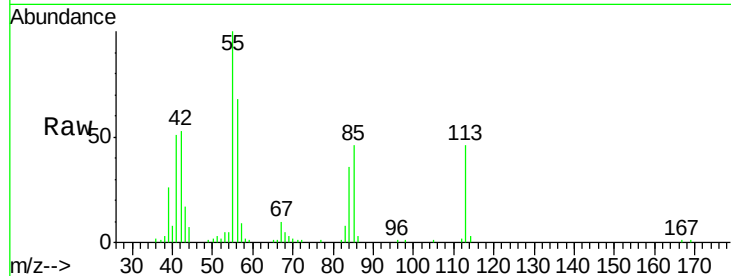




#35
 Caprolactam
 Concen: 24.72 ng
 RT: 8.28 min Scan# 577
 Delta R.T. -0.11 min
 Lab File: BF083692.D
 Acq: 10 Dec 2015 23:31

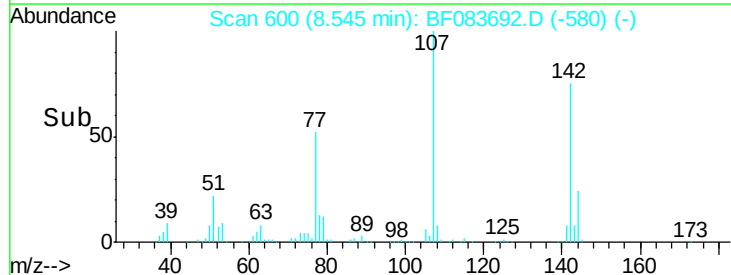
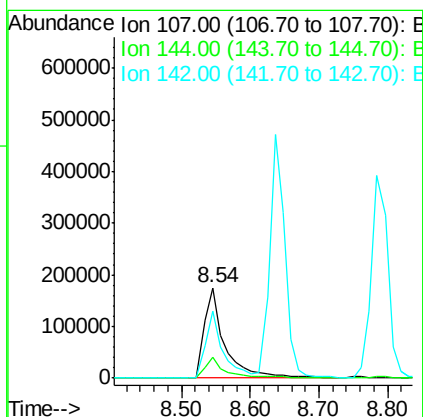
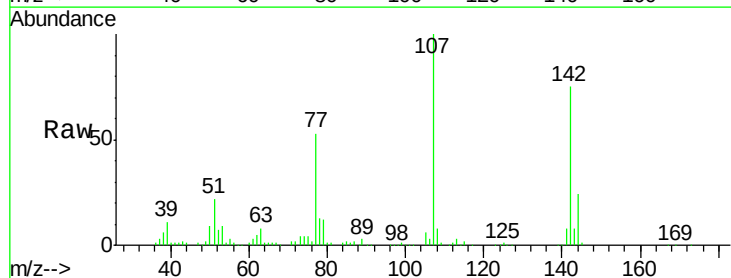
Instrument :
 BNA_F
 ClientSampleId :
 A8-4CMS

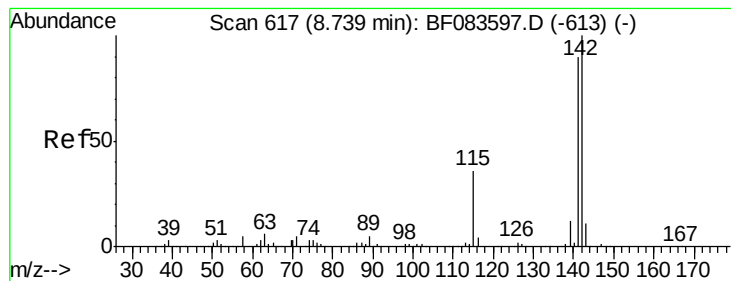
Tgt Ion:113 Resp: 58268
 Ion Ratio Lower Upper
 113 100
 55 218.5 189.7 229.7
 56 149.5 130.7 170.7



#36
 4-Chloro-3-methylphenol
 Concen: 40.83 ng
 RT: 8.54 min Scan# 600
 Delta R.T. -0.07 min
 Lab File: BF083692.D
 Acq: 10 Dec 2015 23:31

Tgt Ion:107 Resp: 360181
 Ion Ratio Lower Upper
 107 100
 144 23.5 17.5 26.3
 142 74.9 53.6 80.4

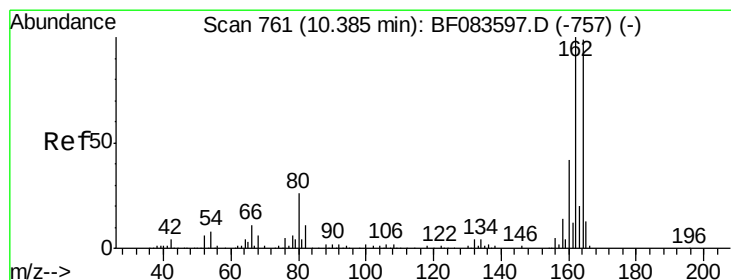
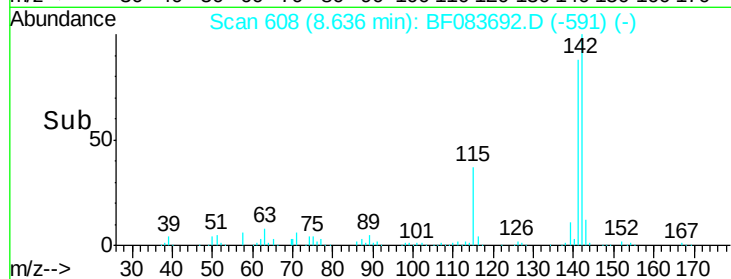
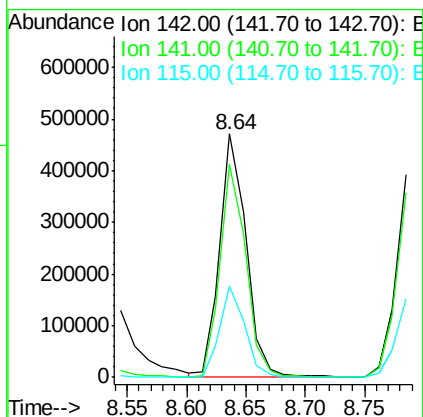
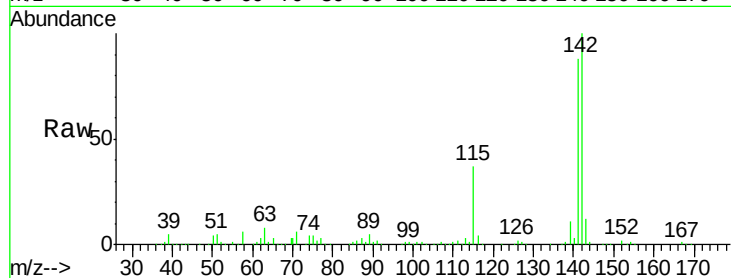




#37
 2-Methylnaphthalene
 Concen: 41.70 ng
 RT: 8.64 min Scan# 608
 Delta R.T. -0.10 min
 Lab File: BF083692.D
 Acq: 10 Dec 2015 23:31

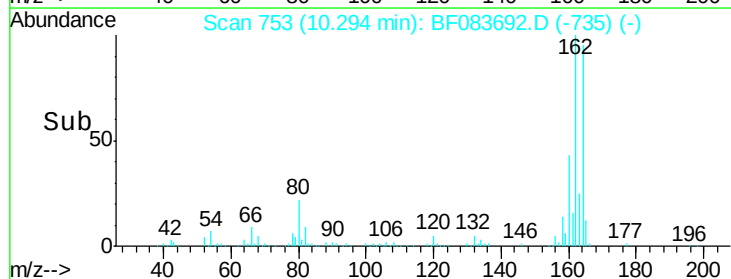
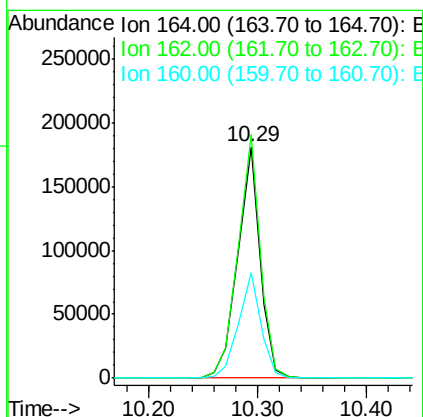
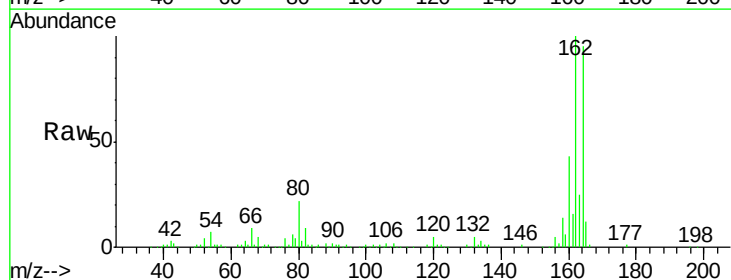
Instrument :
 BNA_F
 ClientSampleId :
 A8-4CMS

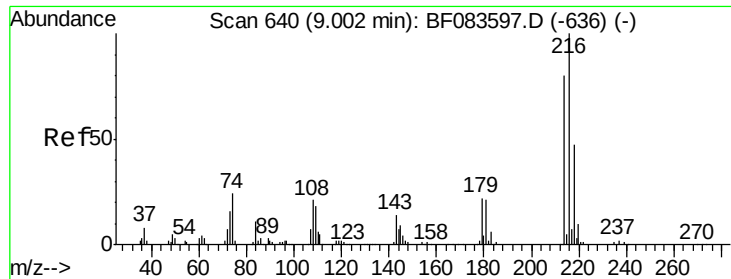
Tgt Ion:142 Resp: 727945
 Ion Ratio Lower Upper
 142 100
 141 87.5 70.3 105.5
 115 37.4 29.2 43.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.29 min Scan# 753
 Delta R.T. -0.09 min
 Lab File: BF083692.D
 Acq: 10 Dec 2015 23:31

Tgt Ion:164 Resp: 256130
 Ion Ratio Lower Upper
 164 100
 162 105.4 78.8 118.2
 160 45.5 33.4 50.2

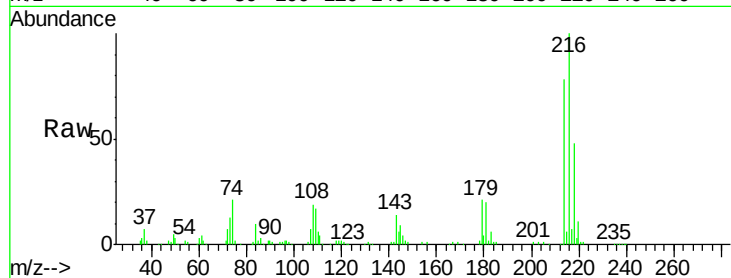




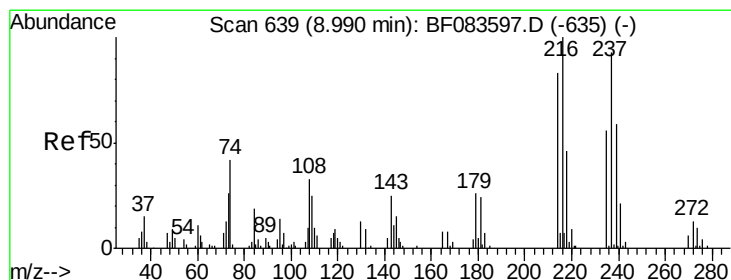
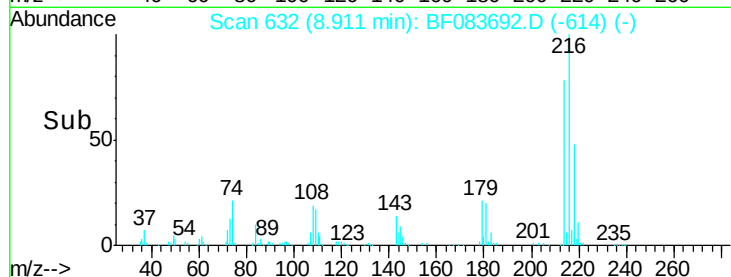
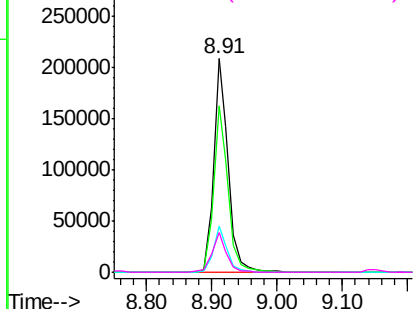
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.72 ng
 RT: 8.91 min Scan# 632
 Delta R.T. -0.09 min
 Lab File: BF083692.D
 Acq: 10 Dec 2015 23:31

Instrument :
 BNA_F
 ClientSampleId :
 A8-4CMS

Tgt Ion:	216	Resp:	325622
Ion	Ratio	Lower	Upper
216	100		
214	77.8	0.0	0.0#
179	20.3	0.0	0.0#
108	18.6	0.0	0.0#

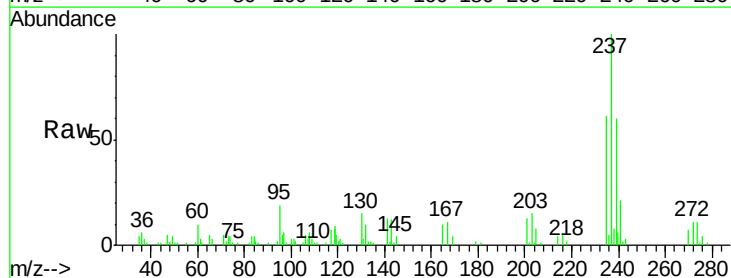


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

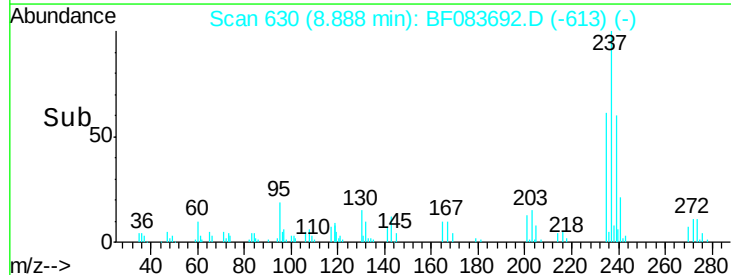
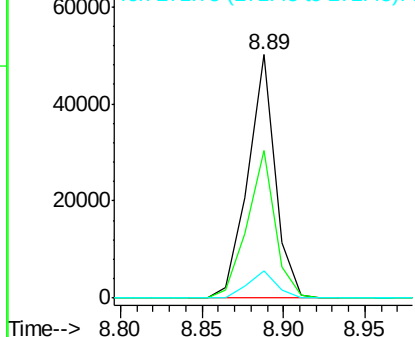


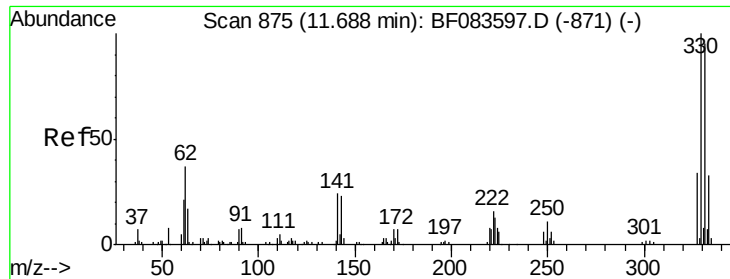
#40
 Hexachlorocyclopentadiene
 Concen: 46.13 ng
 RT: 8.89 min Scan# 630
 Delta R.T. -0.10 min
 Lab File: BF083692.D
 Acq: 10 Dec 2015 23:31

Tgt Ion:	237	Resp:	58468
Ion	Ratio	Lower	Upper
237	100		
235	60.6	43.9	83.9
272	11.2	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

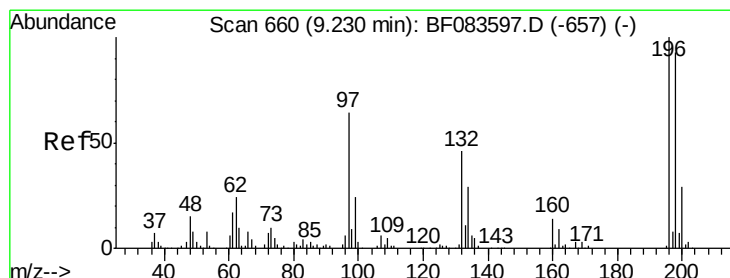
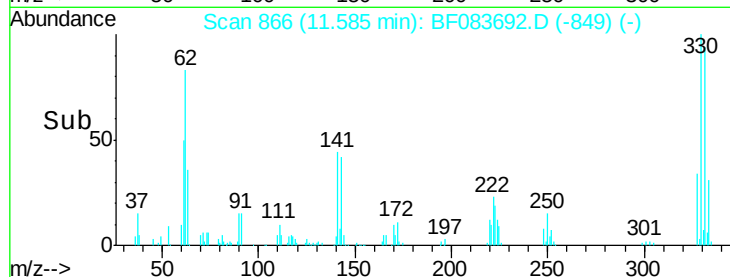
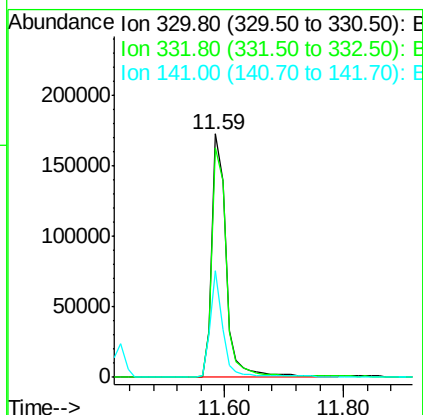
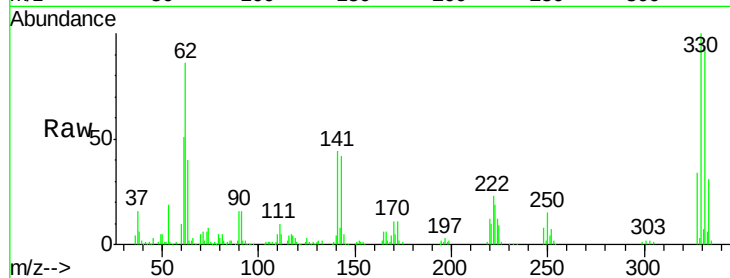




#41
 2,4,6-Tribromophenol
 Concen: 127.52 ng
 RT: 11.59 min Scan# 866
 Delta R.T. -0.10 min
 Lab File: BF083692.D
 Acq: 10 Dec 2015 23:31

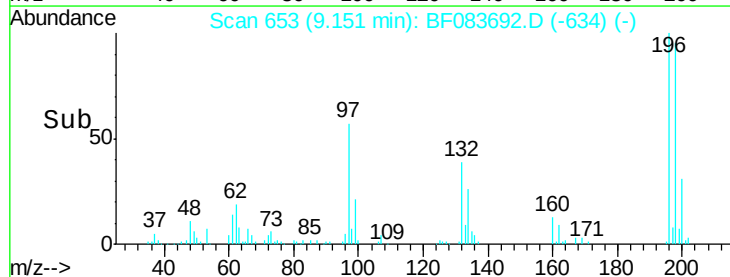
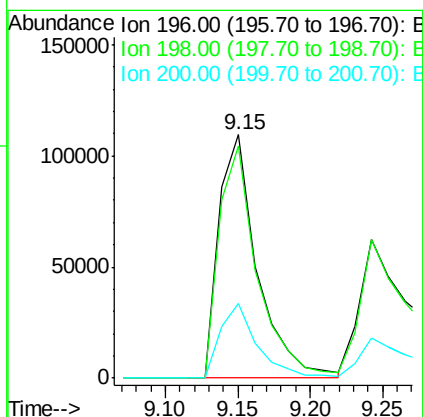
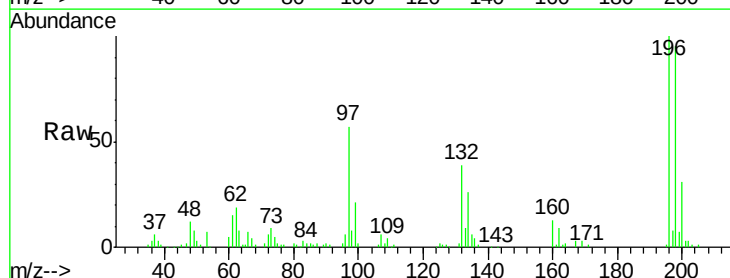
Instrument :
 BNA_F
 ClientSampled :
 A8-4CMS

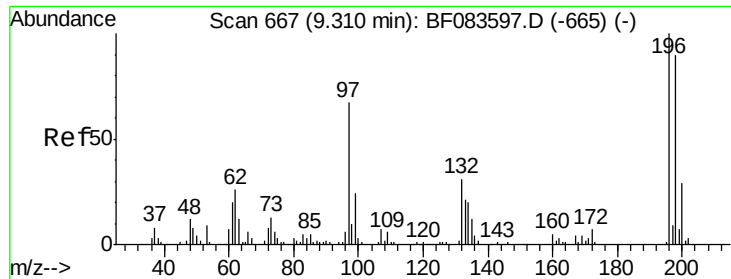
Tgt Ion:330 Resp: 290993
 Ion Ratio Lower Upper
 330 100
 332 96.0 0.0 0.0#
 141 37.9 0.0 0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 40.03 ng
 RT: 9.15 min Scan# 653
 Delta R.T. -0.08 min
 Lab File: BF083692.D
 Acq: 10 Dec 2015 23:31

Tgt Ion:196 Resp: 201108
 Ion Ratio Lower Upper
 196 100
 198 95.4 75.2 112.8
 200 30.6 23.0 34.6

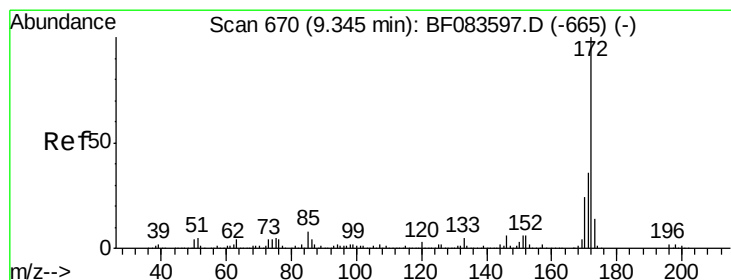
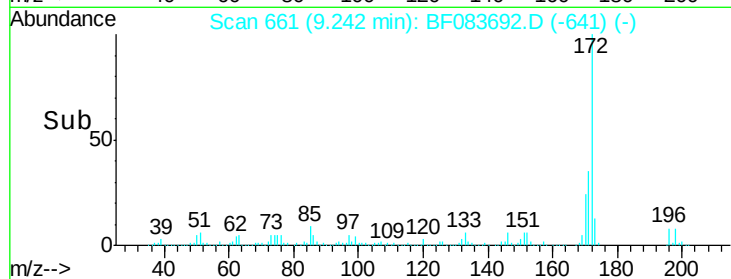
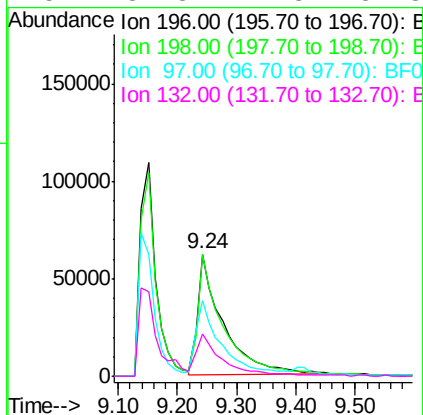
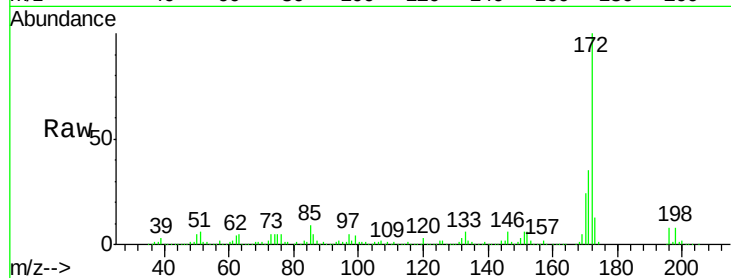




#43
 2,4,5-Trichlorophenol
 Concen: 38.08 ng
 RT: 9.24 min Scan# 661
 Delta R.T. -0.07 min
 Lab File: BF083692.D
 Acq: 10 Dec 2015 23:31

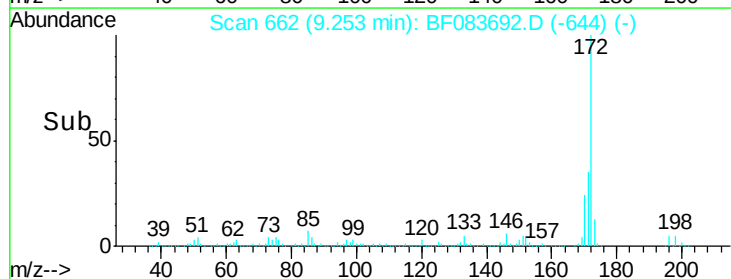
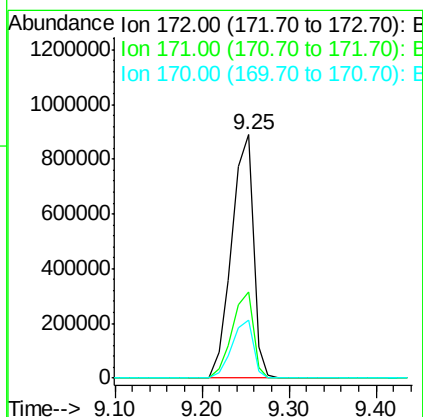
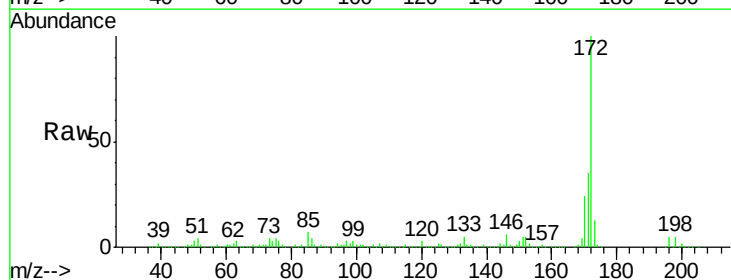
Instrument :
 BNA_F
 ClientSampleId :
 A8-4CMS

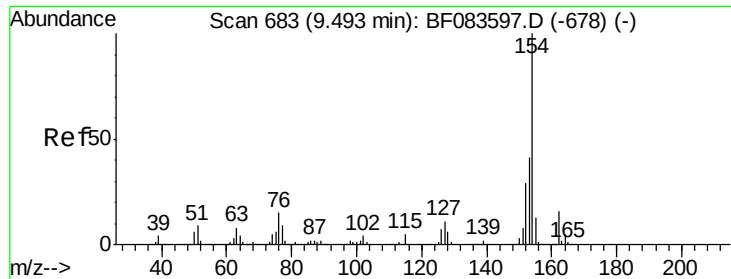
Tgt Ion:196 Resp: 188629
 Ion Ratio Lower Upper
 196 100
 198 99.8 77.7 116.5
 97 62.3 41.2 61.8#
 132 34.8 21.8 32.8#



#44
 2-Fluorobiphenyl
 Concen: 84.93 ng
 RT: 9.25 min Scan# 662
 Delta R.T. -0.09 min
 Lab File: BF083692.D
 Acq: 10 Dec 2015 23:31

Tgt Ion:172 Resp: 1545604
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 42.8
 170 23.7 19.4 29.0





#45

1,1'-Biphenyl

Concen: 38.33 ng

RT: 9.40 min Scan# 675

Delta R.T. -0.09 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:31

Instrument :

BNA_F

ClientSampleId :

A8-4CMS

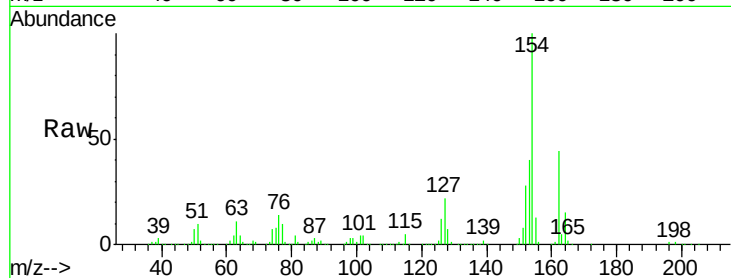
Tgt Ion:154 Resp: 853315

Ion Ratio Lower Upper

154 100

153 39.9 20.2 60.2

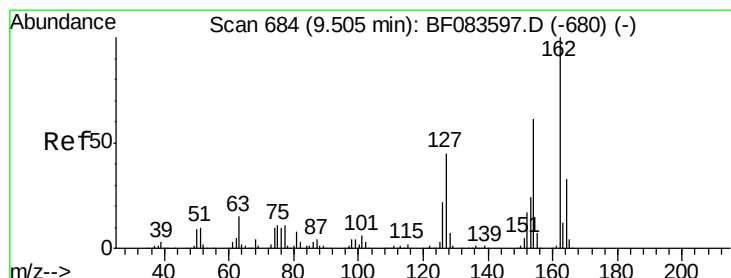
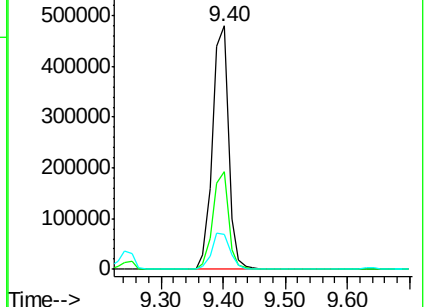
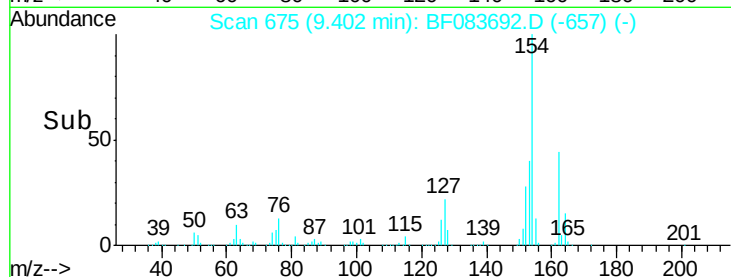
76 14.4 0.0 34.8



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: 39.71 ng

RT: 9.41 min Scan# 676

Delta R.T. -0.09 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:31

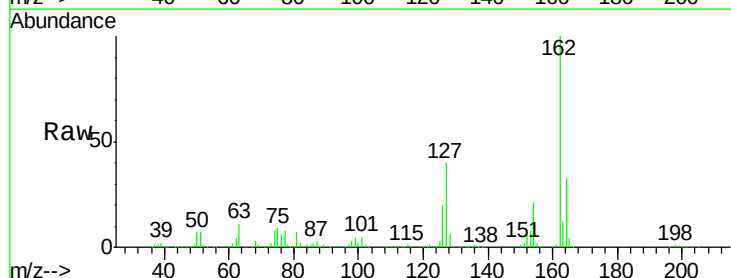
Tgt Ion:162 Resp: 667403

Ion Ratio Lower Upper

162 100

127 40.2 31.0 46.4

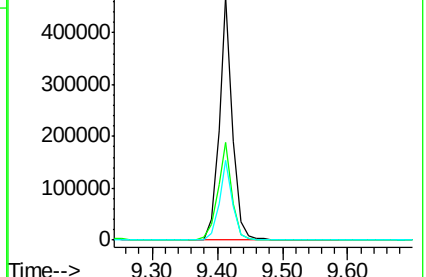
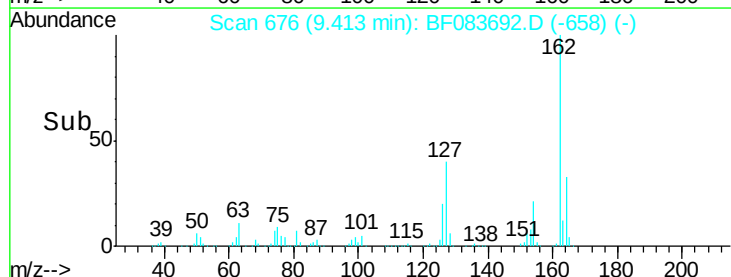
164 32.9 27.4 41.0

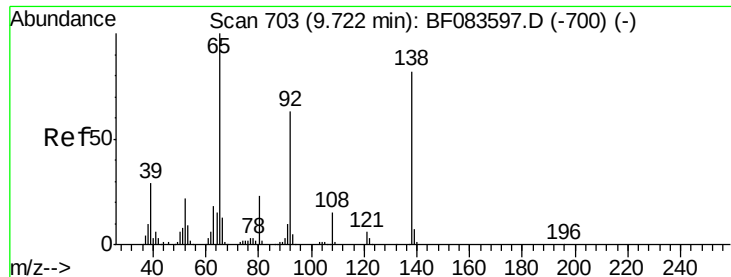


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

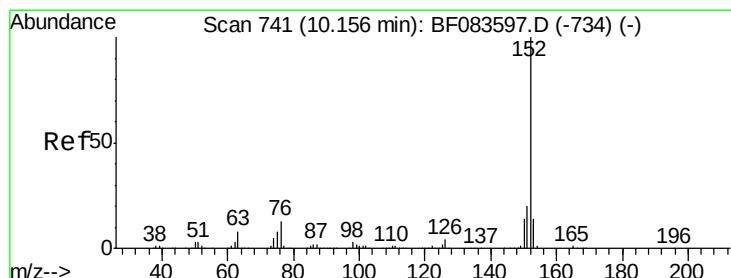
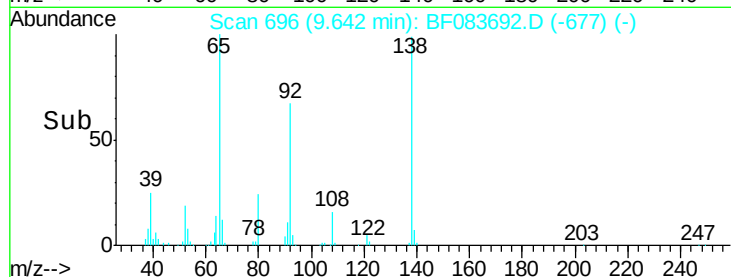
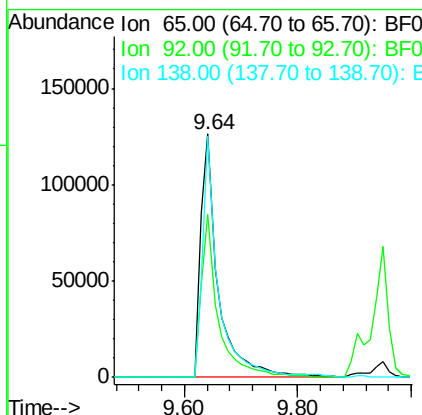
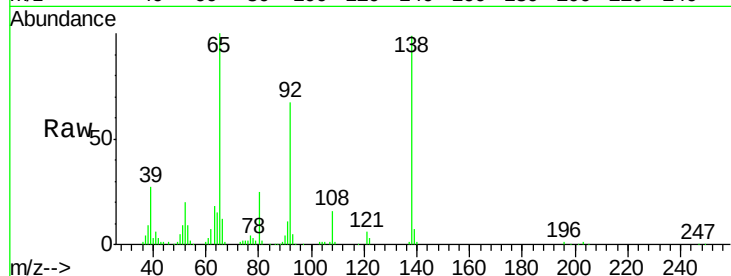




#47
2-Nitroaniline
Concen: 43.19 ng
RT: 9.64 min Scan# 696
Delta R.T. -0.08 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:31

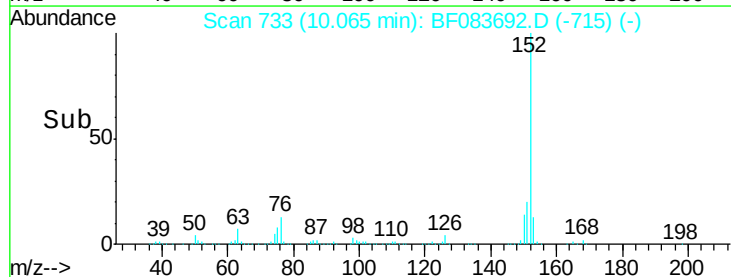
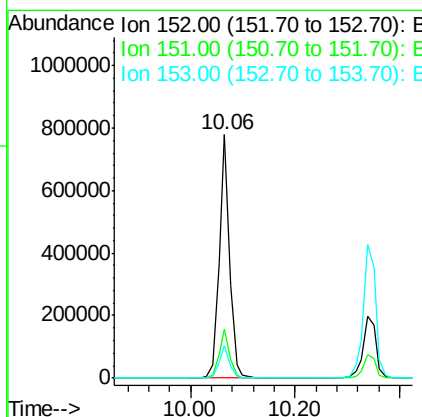
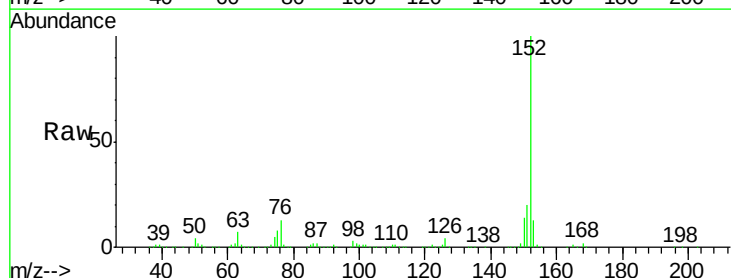
Instrument :
BNA_F
ClientSampleId :
A8-4CMS

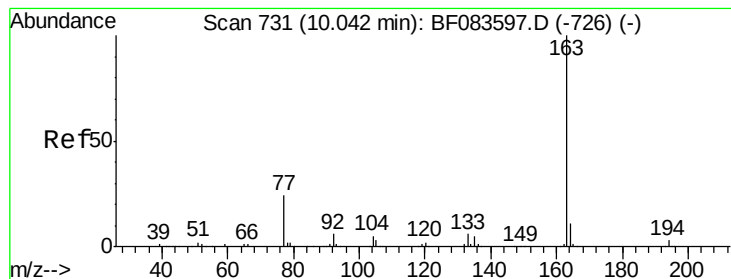
Tgt Ion: 65 Resp: 261842
Ion Ratio Lower Upper
65 100
92 66.7 49.6 74.4
138 98.9 64.1 96.1#



#48
Acenaphthylene
Concen: 38.59 ng
RT: 10.06 min Scan# 733
Delta R.T. -0.09 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:31

Tgt Ion: 152 Resp: 1069480
Ion Ratio Lower Upper
152 100
151 19.9 16.3 24.5
153 13.4 10.8 16.2





#49

Dimethylphthalate

Concen: 49.05 ng

RT: 9.95 min Scan# 723

Delta R.T. -0.09 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:31

Instrument :

BNA_F

ClientSampleId :

A8-4CMS

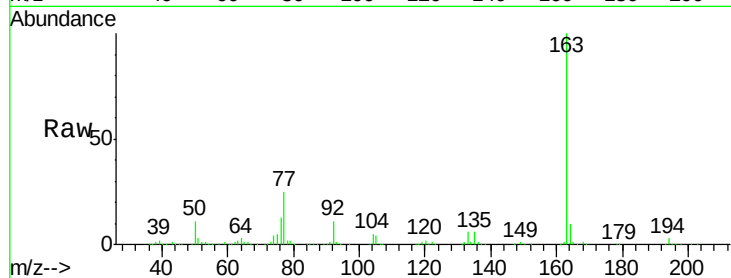
Tgt Ion:163 Resp: 1000127

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

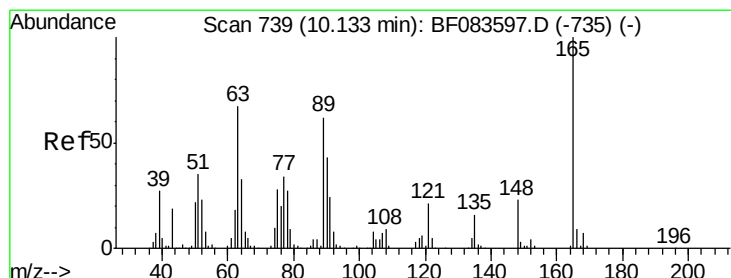
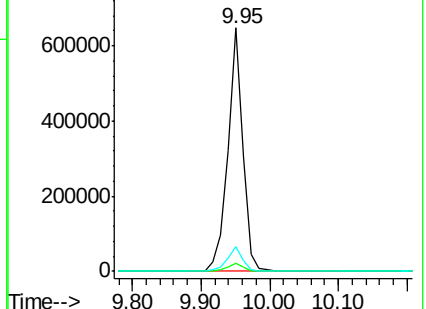
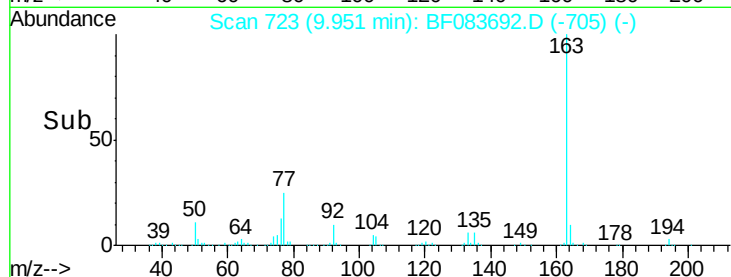
164 10.2 8.6 13.0



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: 40.67 ng

RT: 10.04 min Scan# 731

Delta R.T. -0.09 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:31

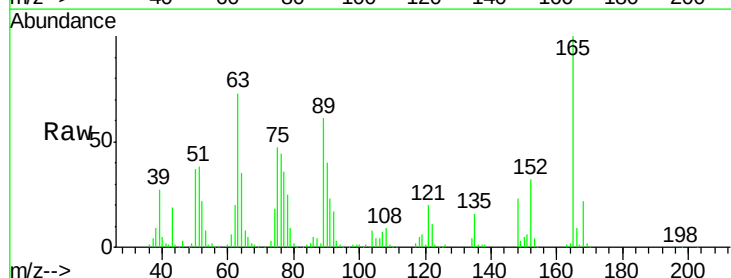
Tgt Ion:165 Resp: 171205

Ion Ratio Lower Upper

165 100

63 72.7 56.9 85.3

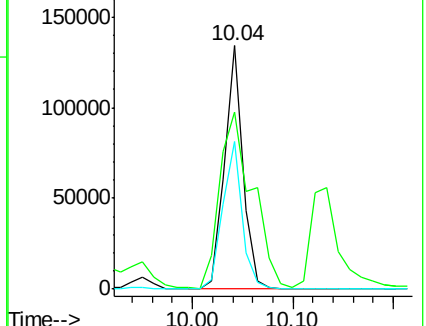
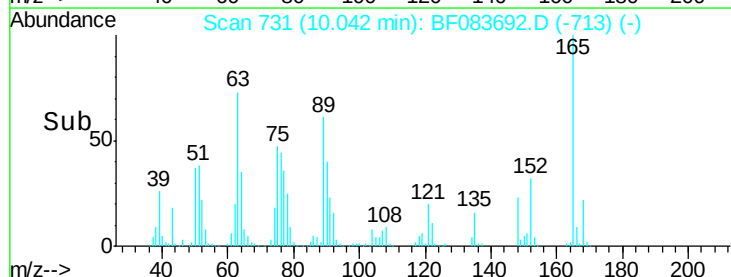
89 60.6 52.1 78.1

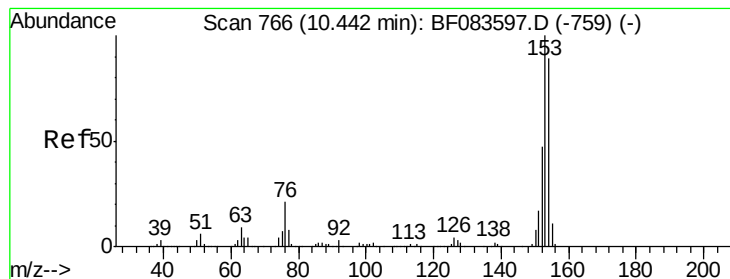


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.31 ng

RT: 10.34 min Scan# 757

Delta R.T. -0.10 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:31

Instrument :

BNA_F

ClientSampleId :

A8-4CMS

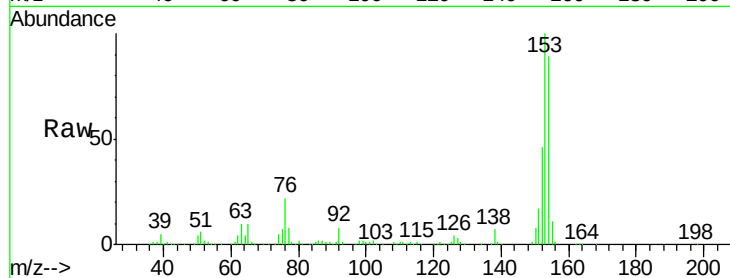
Tgt Ion:154 Resp: 623658

Ion Ratio Lower Upper

154 100

153 112.0 91.4 137.0

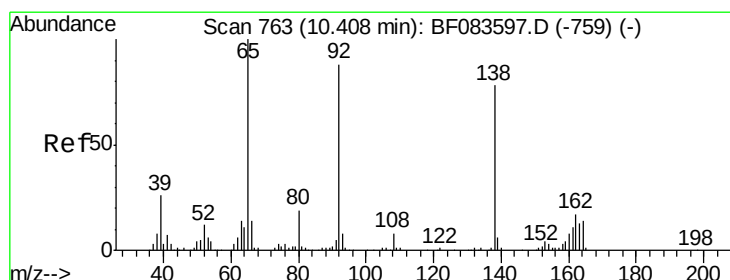
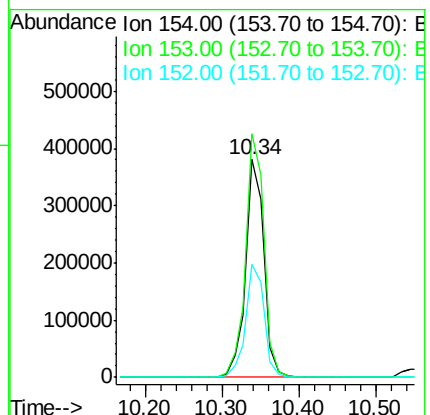
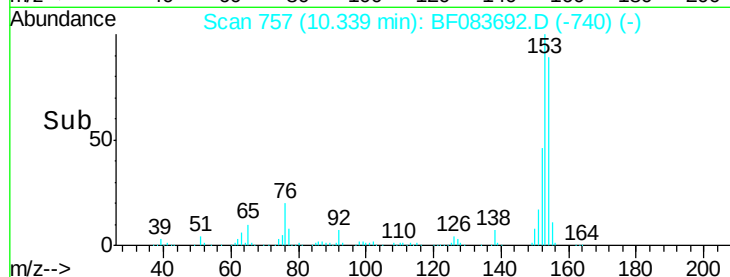
152 52.0 43.4 65.2



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: 24.09 ng

RT: 10.33 min Scan# 756

Delta R.T. -0.08 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:31

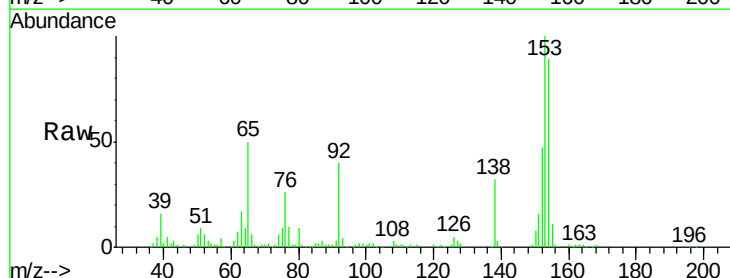
Tgt Ion:138 Resp: 107773

Ion Ratio Lower Upper

138 100

108 10.7 9.9 14.9

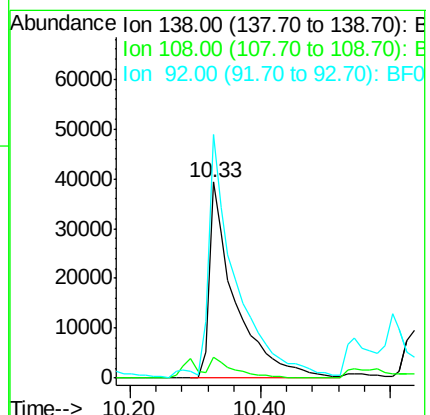
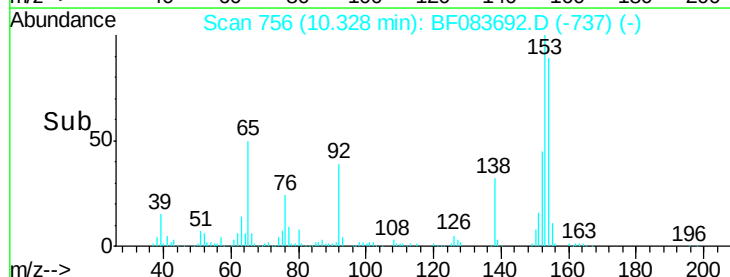
92 124.2 113.8 170.8

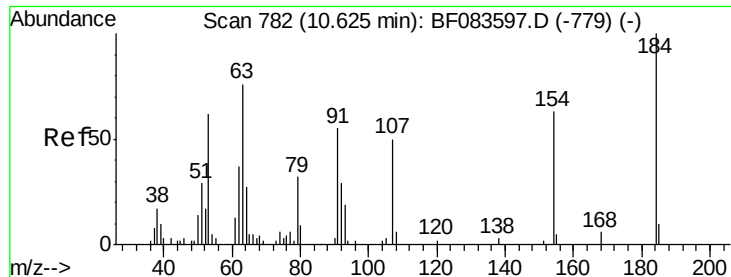


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

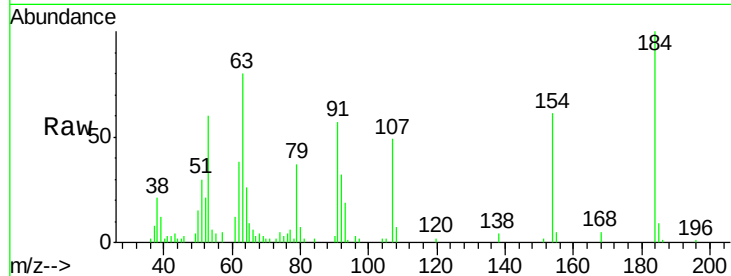




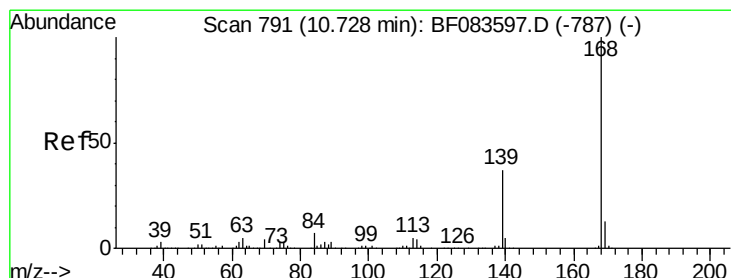
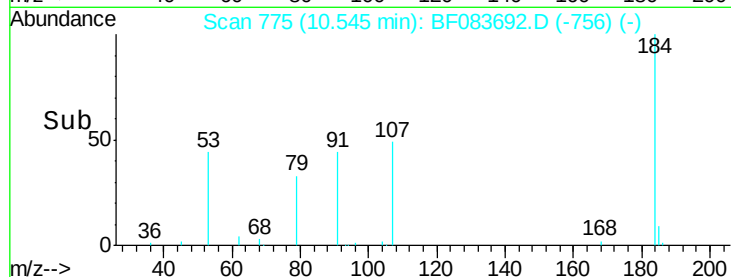
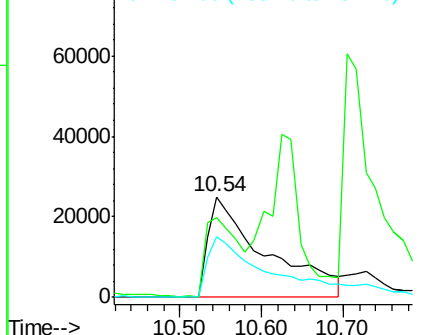
#53
2,4-Dinitrophenol
Concen: 60.04 ng
RT: 10.54 min Scan# 775
Delta R.T. -0.08 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:31

Instrument :
BNA_F
ClientSampleId :
A8-4CMS

Tgt Ion:184 Resp: 121947
Ion Ratio Lower Upper
184 100
63 79.6 62.4 93.6
154 60.5 46.6 69.8

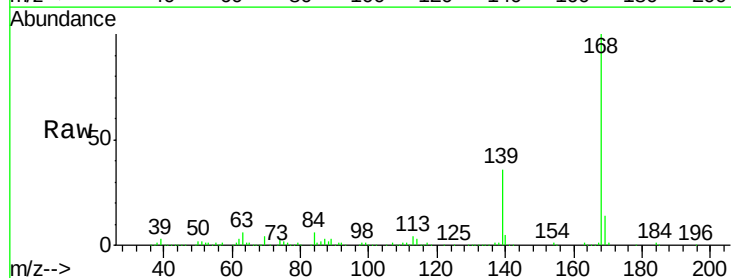


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

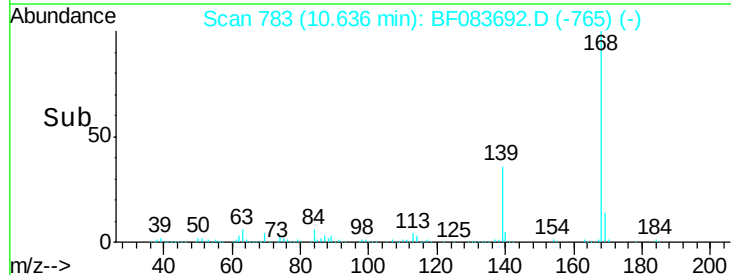
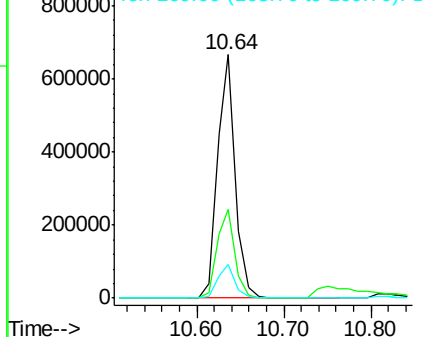


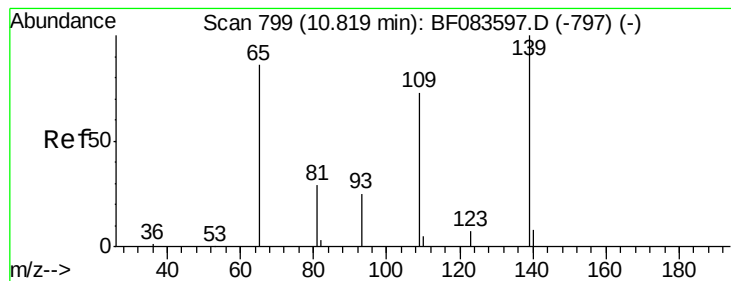
#54
Dibenzofuran
Concen: 42.91 ng
RT: 10.64 min Scan# 783
Delta R.T. -0.09 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:31

Tgt Ion:168 Resp: 944082
Ion Ratio Lower Upper
168 100
139 36.2 28.0 42.0
169 13.6 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: 82.02 ng

RT: 10.75 min Scan# 793

Delta R.T. -0.07 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:31

Instrument :

BNA_F

ClientSampleId :

A8-4CMS

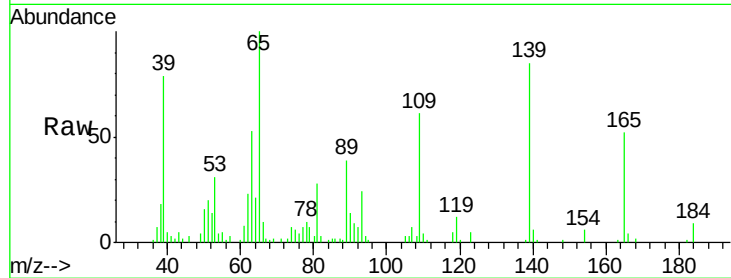
Tgt Ion:139 Resp: 161559

Ion Ratio Lower Upper

139 100

109 71.6 42.0 82.0

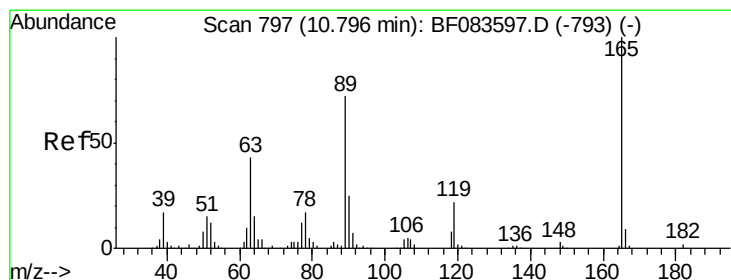
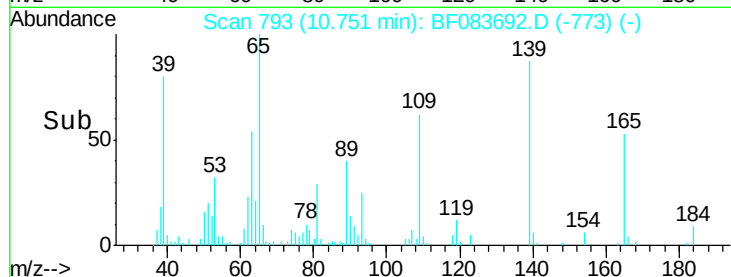
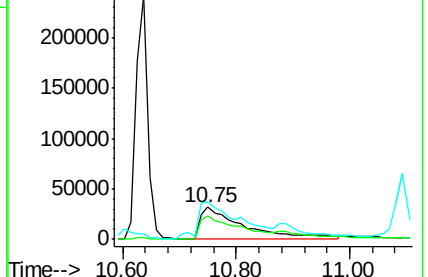
65 117.3 89.2 129.2



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: 42.57 ng

RT: 10.72 min Scan# 790

Delta R.T. -0.08 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:31

Tgt Ion:165 Resp: 237678

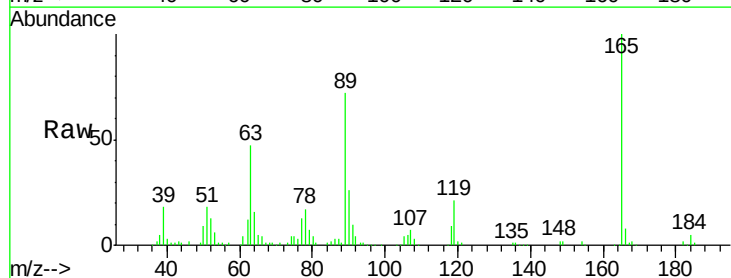
Ion Ratio Lower Upper

165 100

63 46.8 51.4 77.2#

89 72.4 72.6 108.8#

182 2.2 1.4 2.0#

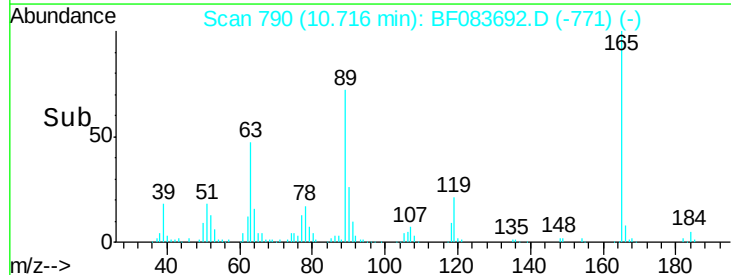
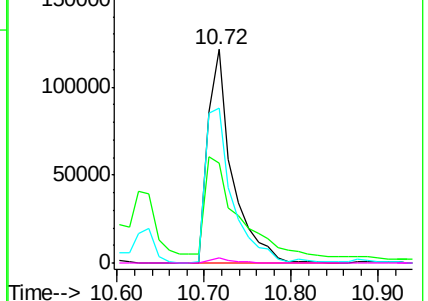


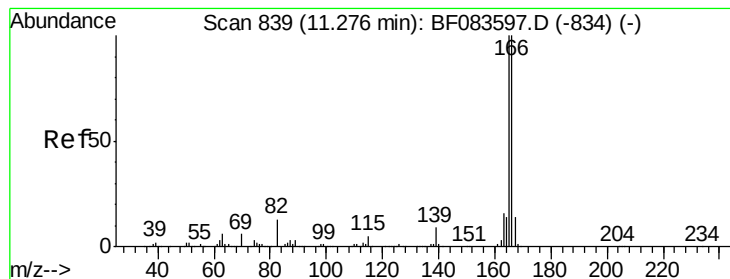
Abundance Ion 165.00 (164.70 to 165.70): E

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: 39.29 ng

RT: 11.19 min Scan# 831

Delta R.T. -0.09 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:31

Instrument :

BNA_F

ClientSampleId :

A8-4CMS

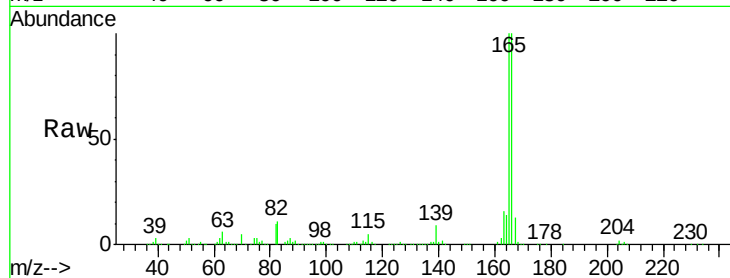
Tgt Ion:166 Resp: 754580

Ion Ratio Lower Upper

166 100

165 100.0 80.0 120.0

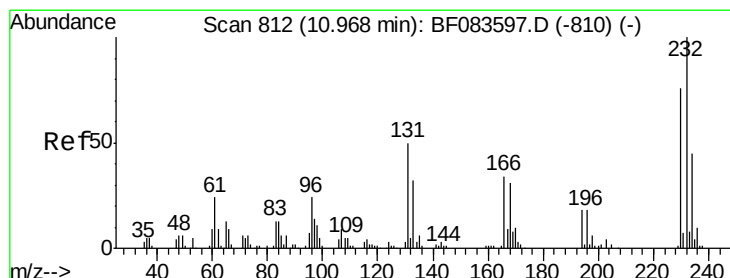
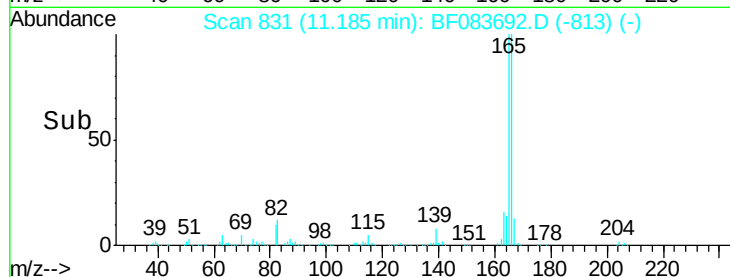
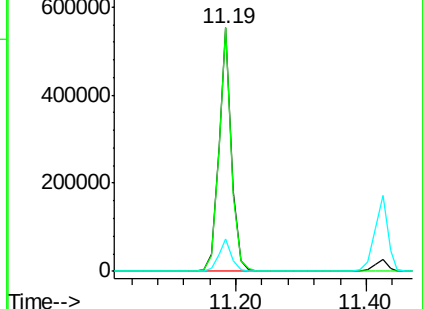
167 13.5 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.44 ng

RT: 10.89 min Scan# 805

Delta R.T. -0.08 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:31

Tgt Ion:232 Resp: 173015

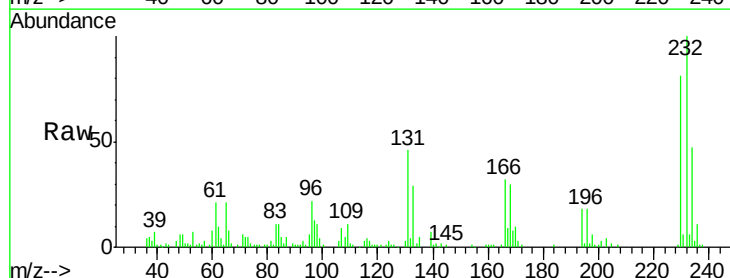
Ion Ratio Lower Upper

232 100

131 48.7 0.0 0.0#

130 2.0 0.0 0.0#

166 30.8 0.0 0.0#

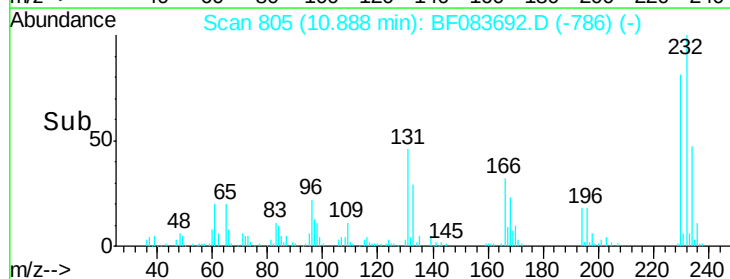
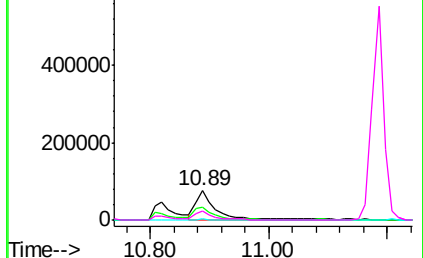


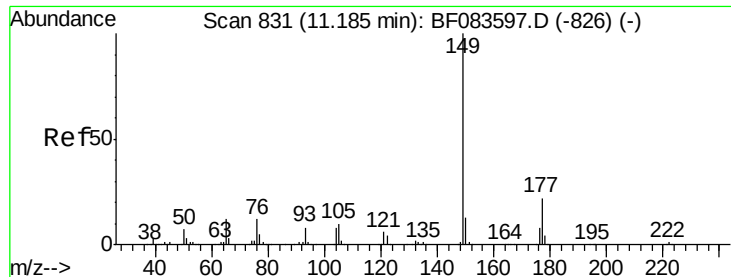
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

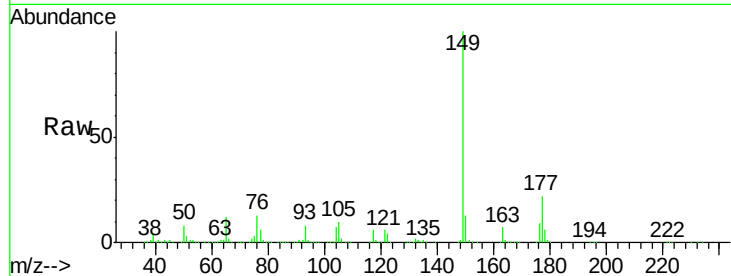




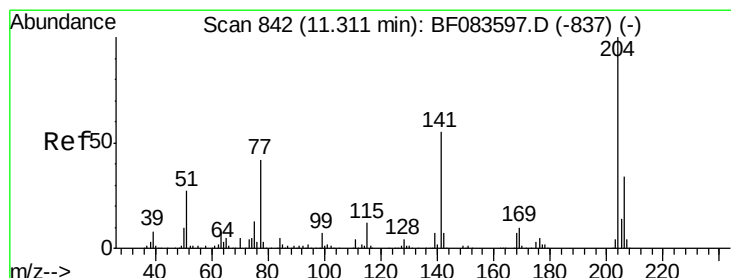
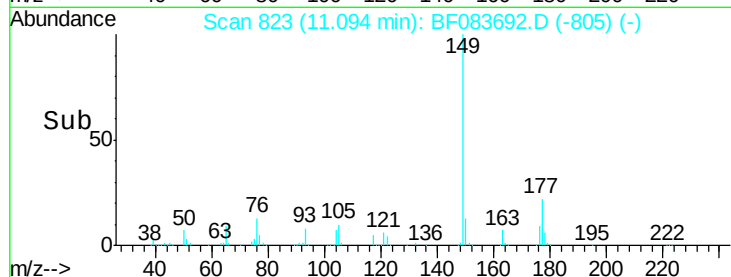
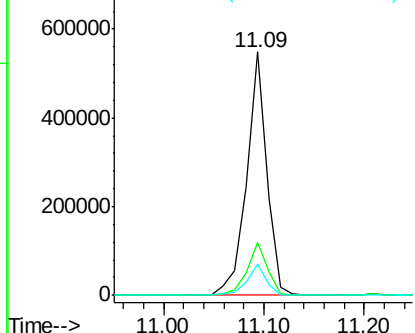
#59
Diethylphthalate
Concen: 38.65 ng
RT: 11.09 min Scan# 823
Delta R.T. -0.09 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:31

Instrument :
BNA_F
ClientSampleId :
A8-4CMS

Tgt Ion:149 Resp: 766221
Ion Ratio Lower Upper
149 100
177 21.8 16.9 25.3
150 12.7 10.2 15.4

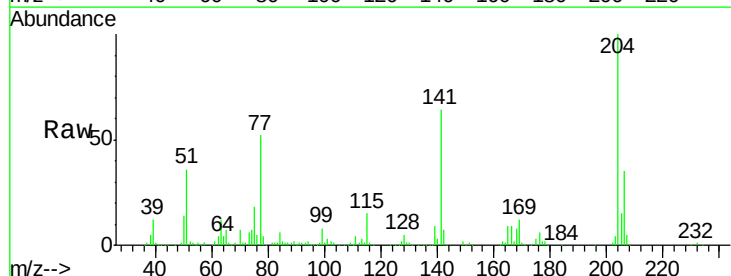


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

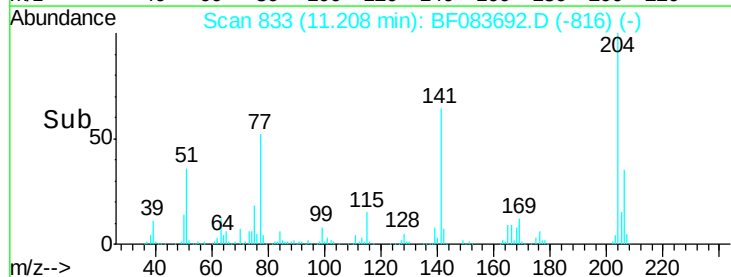
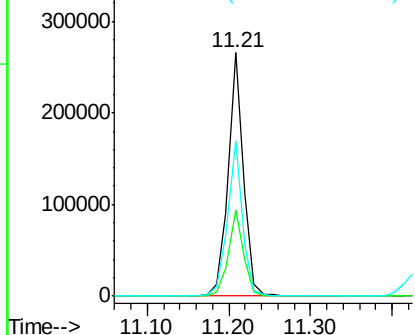


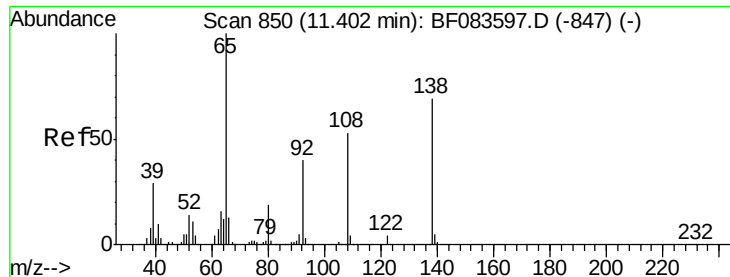
#60
4-Chlorophenyl-phenylether
Concen: 37.52 ng
RT: 11.21 min Scan# 833
Delta R.T. -0.10 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:31

Tgt Ion:204 Resp: 343053
Ion Ratio Lower Upper
204 100
206 35.5 27.3 40.9
141 63.6 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

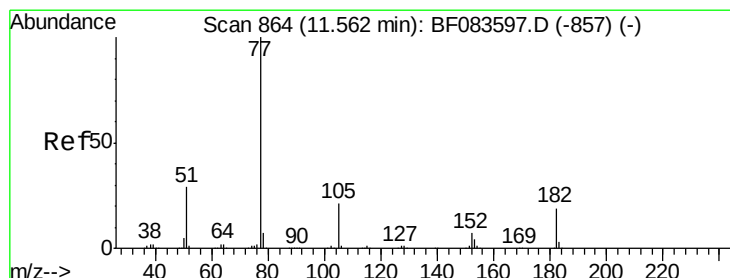
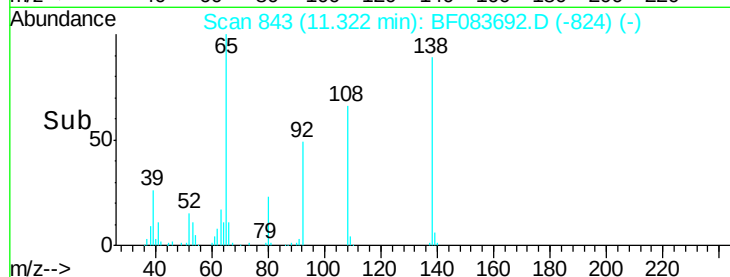
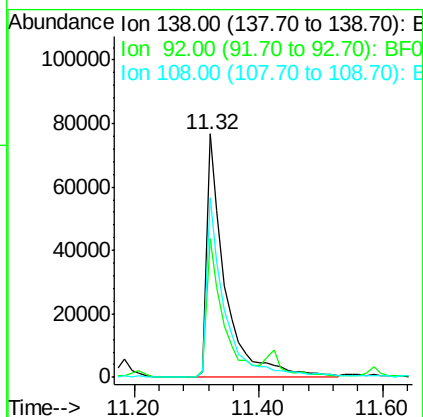
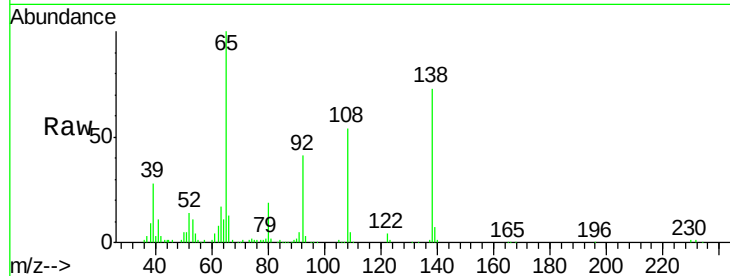




#61
4-Nitroaniline
Concen: 38.65 ng
RT: 11.32 min Scan# 843
Delta R.T. -0.08 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:31

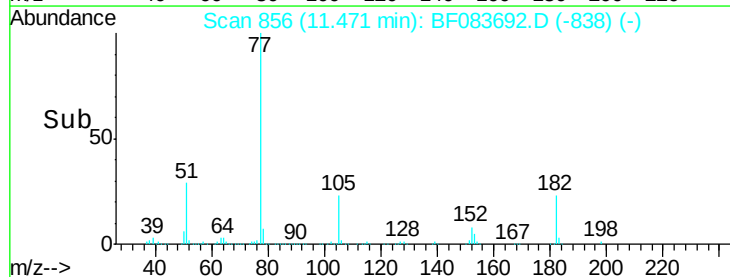
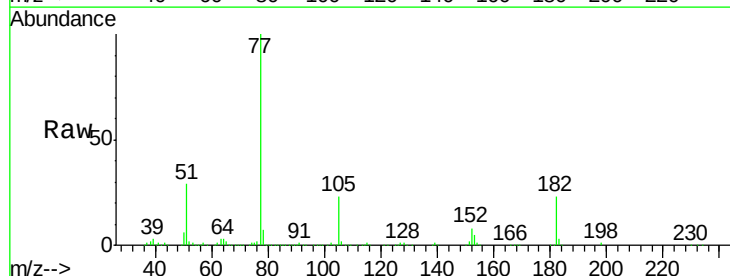
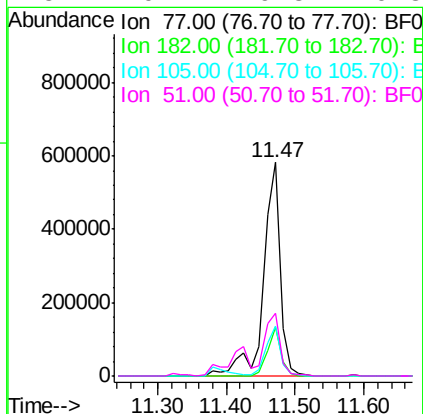
Instrument :
BNA_F
ClientSampled :
A8-4CMS

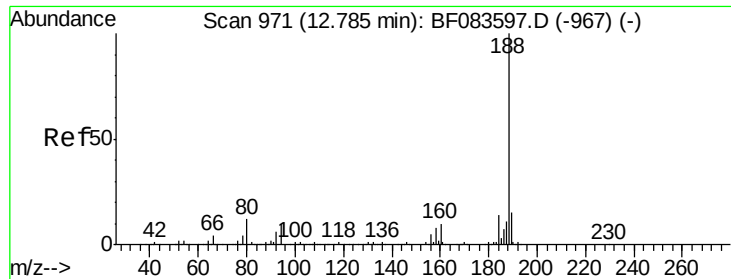
Tgt Ion:138 Resp: 157084
Ion Ratio Lower Upper
138 100
92 56.9 29.0 69.0
108 73.9 47.4 87.4



#62
Azobenzene
Concen: 44.66 ng
RT: 11.47 min Scan# 856
Delta R.T. -0.09 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:31

Tgt Ion: 77 Resp: 974307
Ion Ratio Lower Upper
77 100
182 23.0 2.5 42.5
105 23.3 2.1 42.1
51 29.2 9.3 49.3

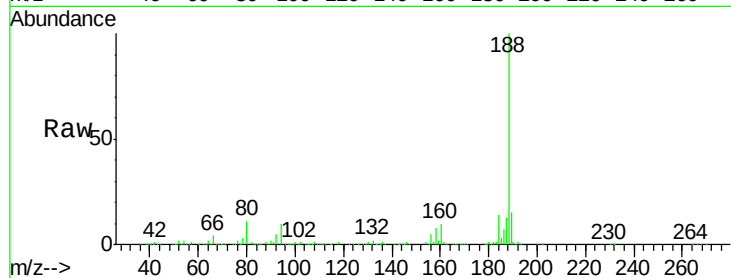




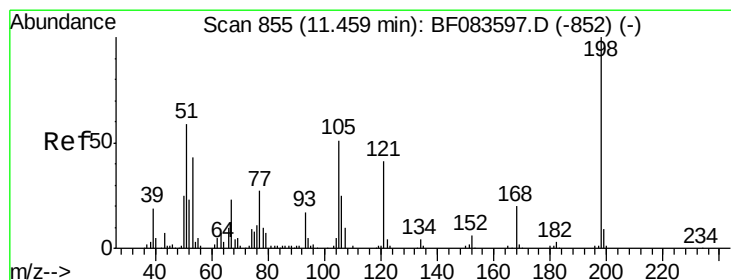
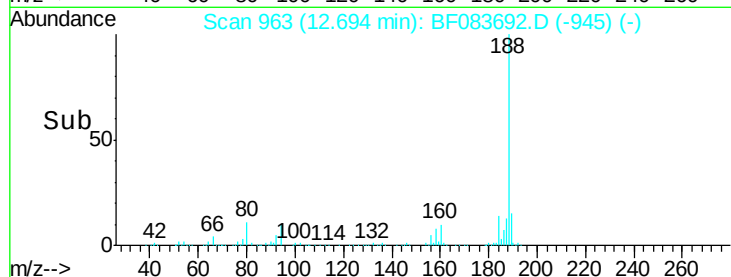
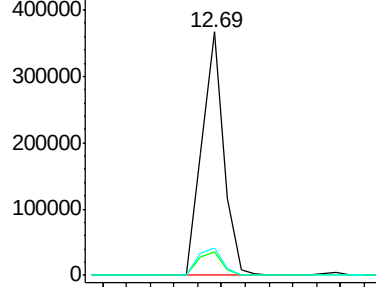
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.69 min Scan# 963
Delta R.T. -0.09 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:31

Instrument :
BNA_F
ClientSampled :
A8-4CMS

Tgt Ion:188 Resp: 468404
Ion Ratio Lower Upper
188 100
94 9.8 9.4 14.2
80 11.4 10.6 16.0

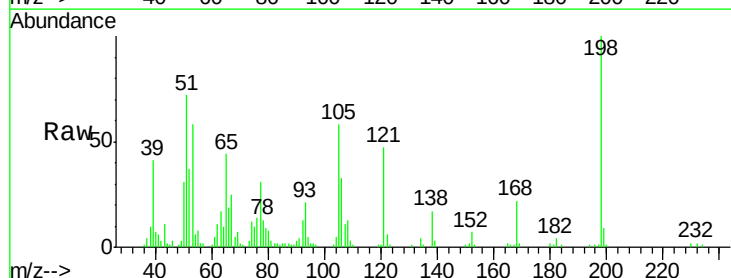


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

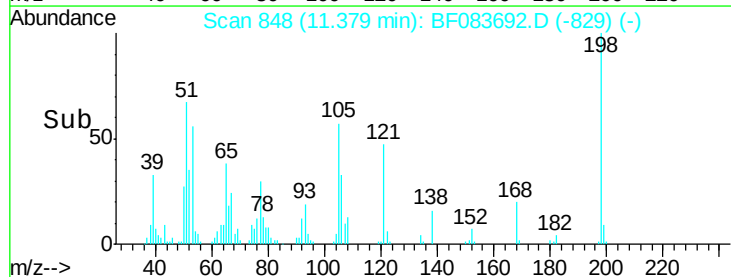
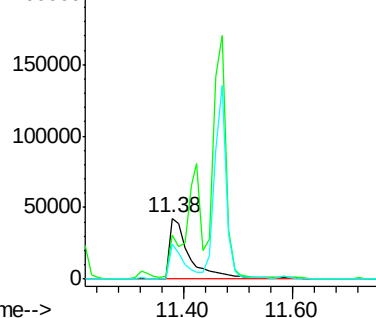


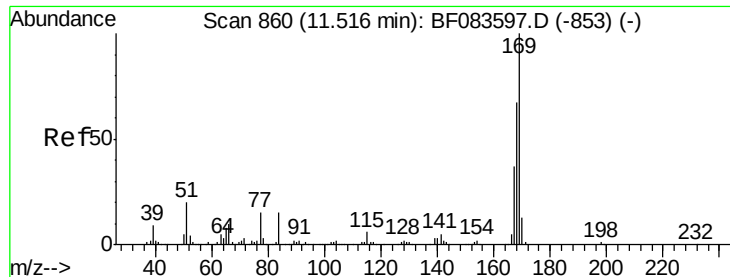
#64
4,6-Dinitro-2-methylphenol
Concen: 36.02 ng
RT: 11.38 min Scan# 848
Delta R.T. -0.08 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:31

Tgt Ion:198 Resp: 113331
Ion Ratio Lower Upper
198 100
51 71.6 53.8 93.8
105 58.3 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

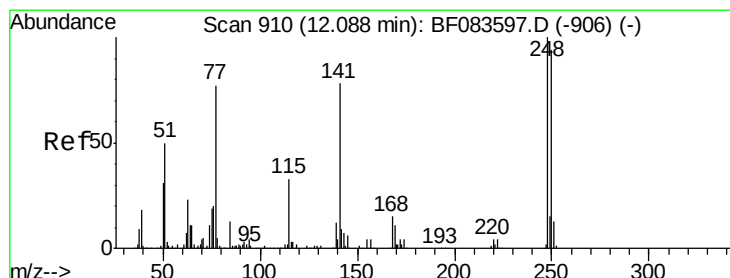
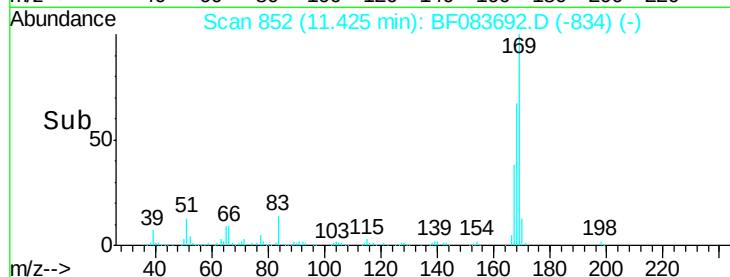
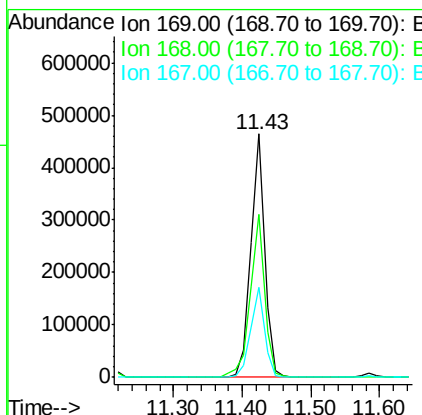
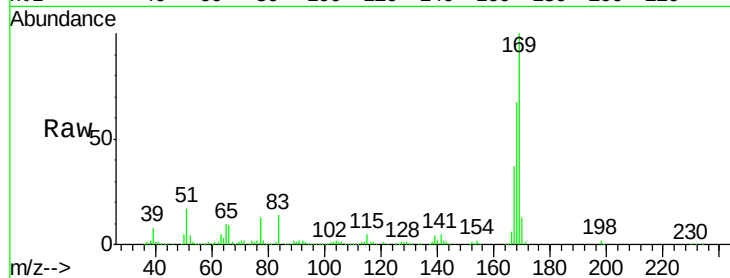




#65
n-Nitrosodiphenylamine
Concen: 41.50 ng
RT: 11.43 min Scan# 852
Delta R.T. -0.09 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:31

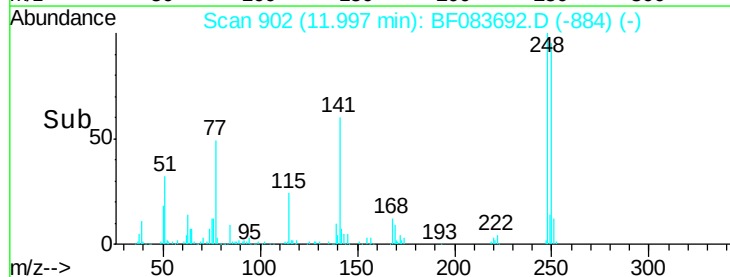
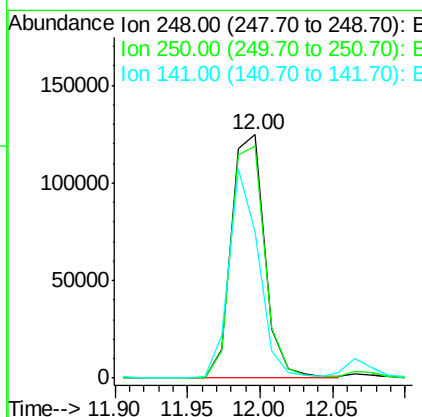
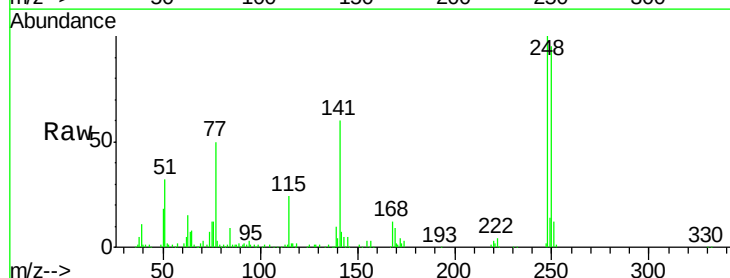
Instrument :
BNA_F
ClientSampleId :
A8-4CMS

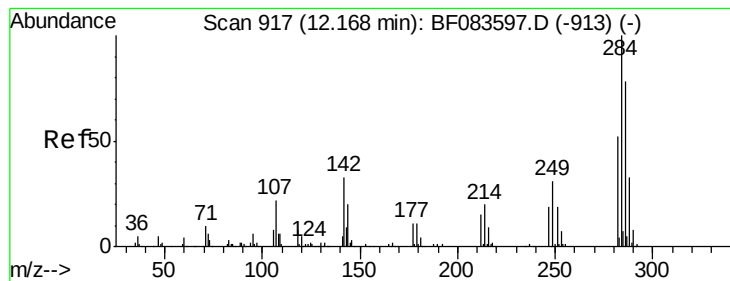
Tgt Ion:169 Resp: 641540
Ion Ratio Lower Upper
169 100
168 66.8 53.0 79.6
167 37.1 29.3 43.9



#66
4-Bromophenyl-phenylether
Concen: 38.13 ng
RT: 12.00 min Scan# 902
Delta R.T. -0.09 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:31

Tgt Ion:248 Resp: 199199
Ion Ratio Lower Upper
248 100
250 95.3 79.2 118.8
141 60.1 58.2 87.4





#67

Hexachlorobenzene

Concen: 39.48 ng

RT: 12.07 min Scan# 908

Delta R.T. -0.10 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:31

Instrument :

BNA_F

ClientSampleId :

A8-4CMS

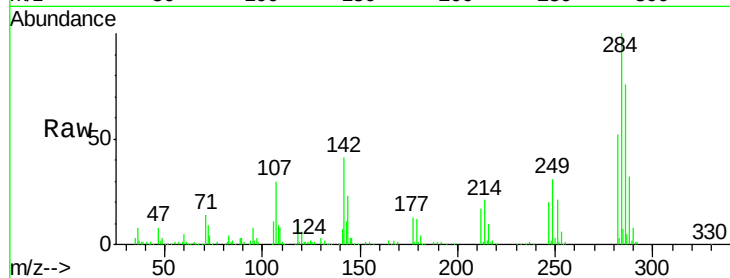
Tgt Ion:284 Resp: 218819

Ion Ratio Lower Upper

284 100

142 41.3 31.0 46.4

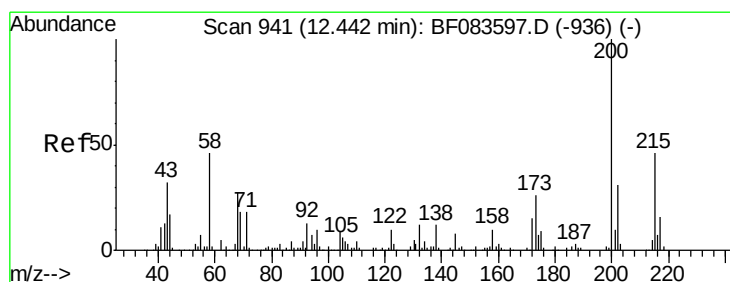
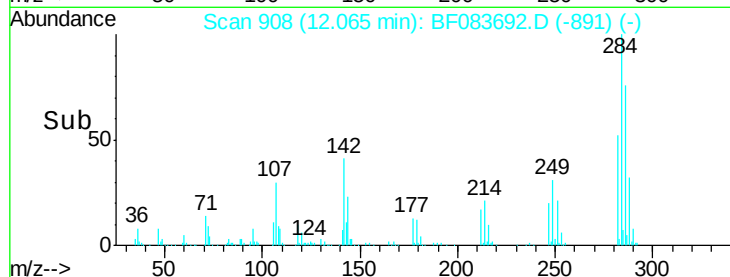
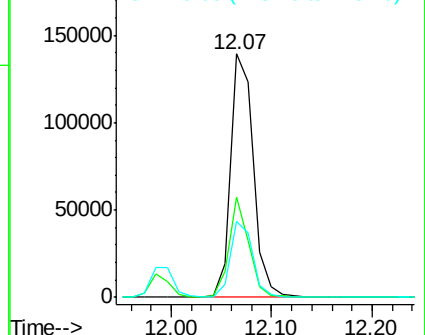
249 31.0 26.9 40.3



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: 44.36 ng

RT: 12.35 min Scan# 933

Delta R.T. -0.09 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:31

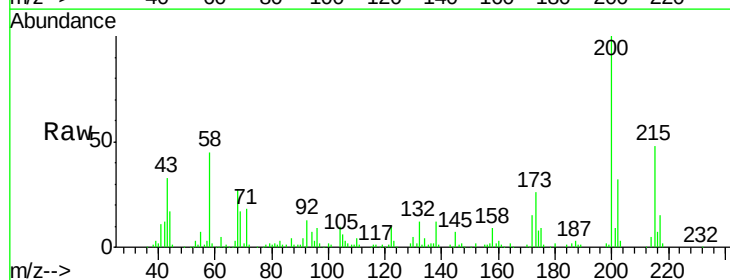
Tgt Ion:200 Resp: 204009

Ion Ratio Lower Upper

200 100

173 26.1 7.8 47.8

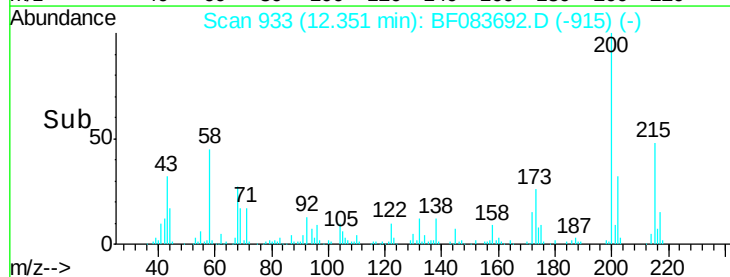
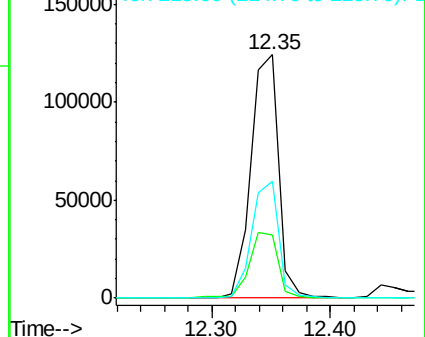
215 47.9 25.7 65.7

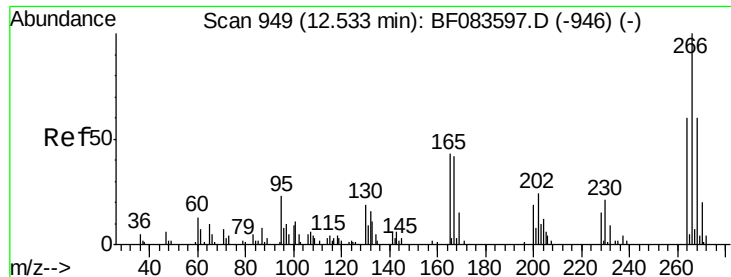


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

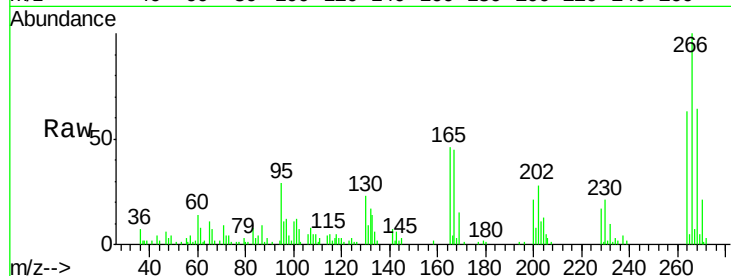




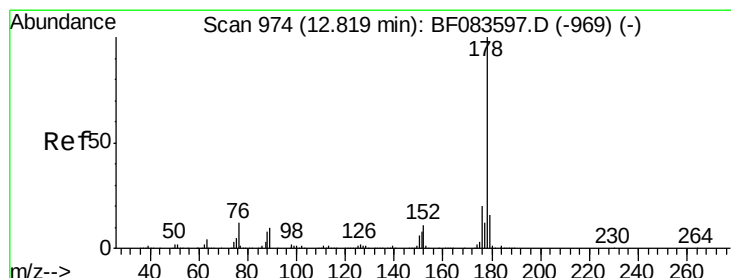
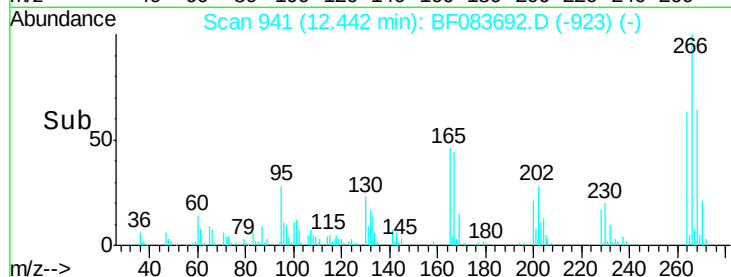
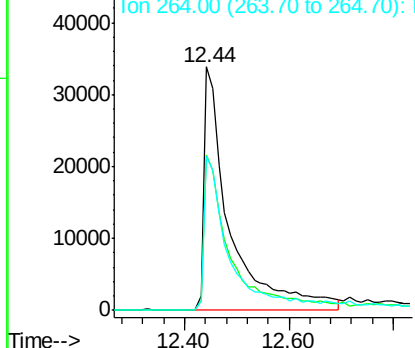
#69
 Pentachlorophenol
 Concen: 77.02 ng
 RT: 12.44 min Scan# 941
 Delta R.T. -0.09 min
 Lab File: BF083692.D
 Acq: 10 Dec 2015 23:31

Instrument :
 BNA_F
 ClientSampleId :
 A8-4CMS

Tgt Ion:266 Resp: 115970
 Ion Ratio Lower Upper
 266 100
 268 63.9 50.2 75.2
 264 63.4 51.4 77.2

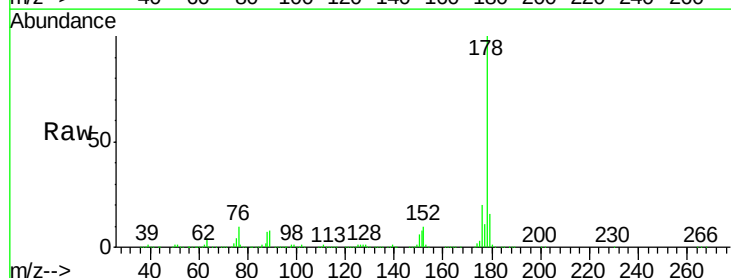


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

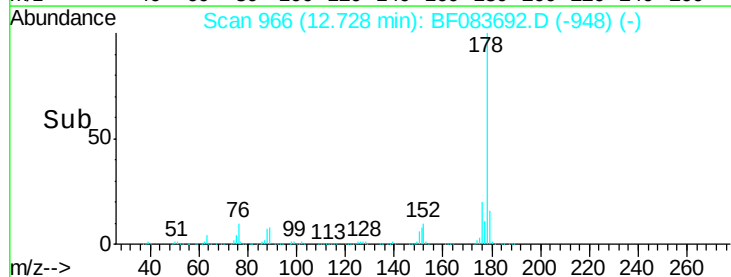
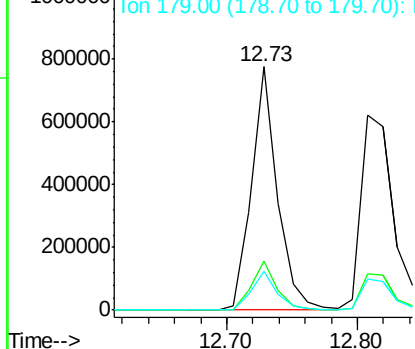


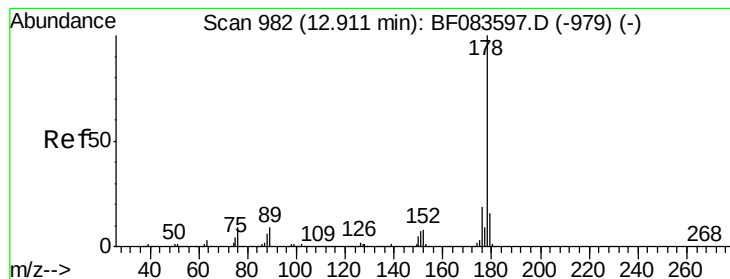
#70
 Phenanthrene
 Concen: 39.88 ng
 RT: 12.73 min Scan# 966
 Delta R.T. -0.09 min
 Lab File: BF083692.D
 Acq: 10 Dec 2015 23:31

Tgt Ion:178 Resp: 1073154
 Ion Ratio Lower Upper
 178 100
 176 20.1 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: 39.70 ng

RT: 12.81 min Scan# 973

Delta R.T. -0.10 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:31

Instrument :

BNA_F

ClientSampleId :

A8-4CMS

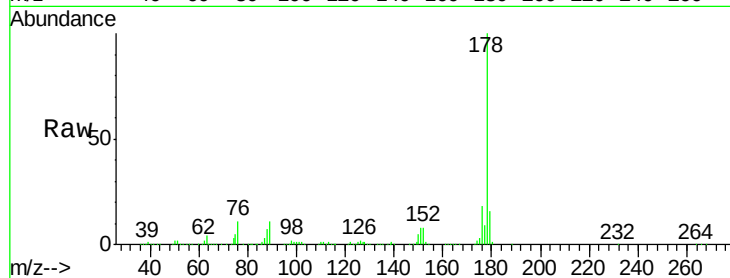
Tgt Ion:178 Resp: 1106877

Ion Ratio Lower Upper

178 100

176 18.3 15.2 22.8

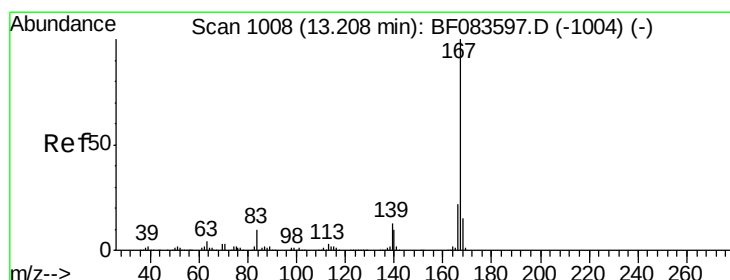
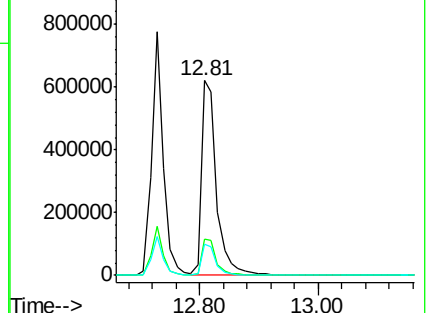
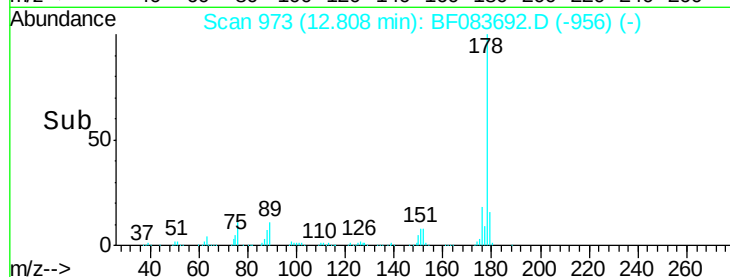
179 15.9 12.6 18.8



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



#72

Carbazole

Concen: 42.53 ng

RT: 13.12 min Scan# 1000

Delta R.T. -0.09 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:31

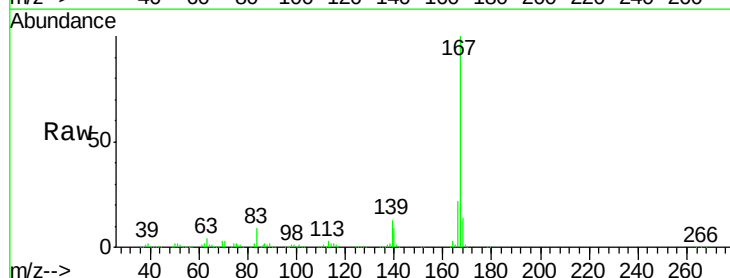
Tgt Ion:167 Resp: 1016725

Ion Ratio Lower Upper

167 100

166 21.6 17.2 25.8

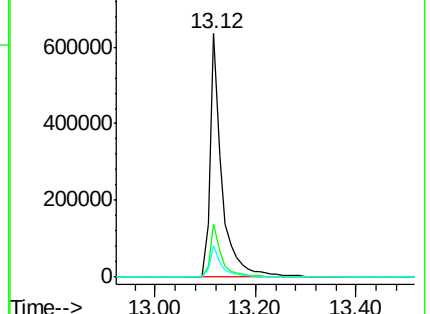
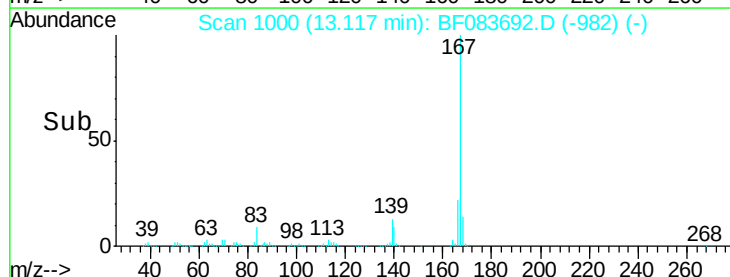
139 12.7 9.3 13.9

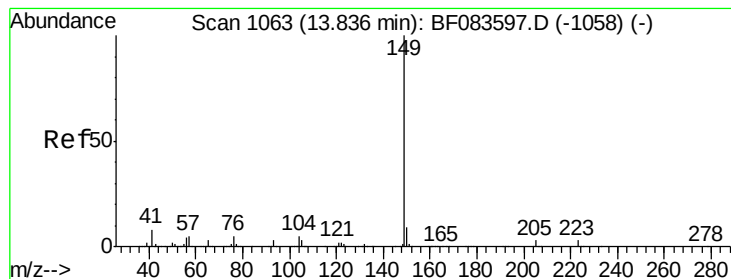


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.80 ng

RT: 13.73 min Scan# 1054

Delta R.T. -0.10 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:31

Instrument :

BNA_F

ClientSampleId :

A8-4CMS

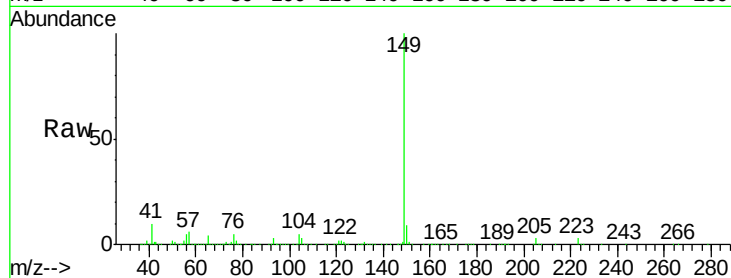
Tgt Ion:149 Resp: 1196798

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

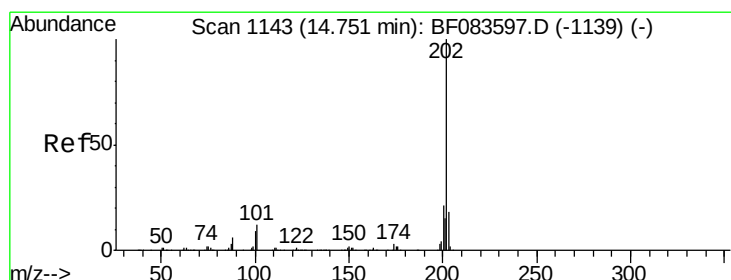
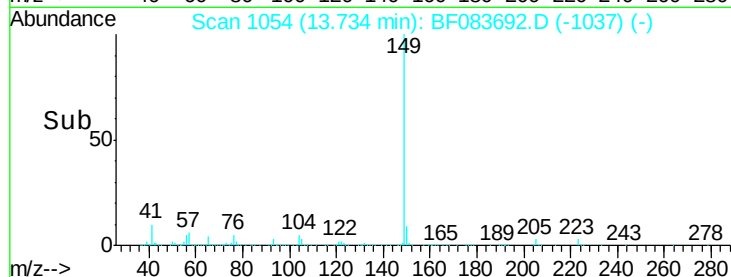
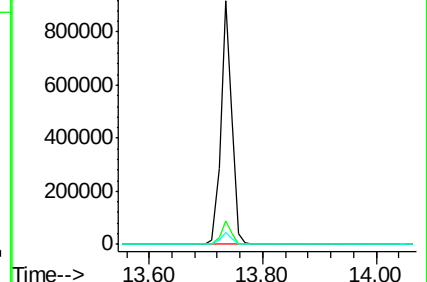
104 5.0 3.9 5.9



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: 39.86 ng

RT: 14.65 min Scan# 1134

Delta R.T. -0.10 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:31

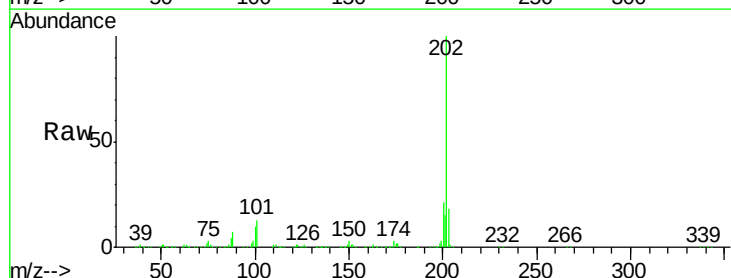
Tgt Ion:202 Resp: 1097519

Ion Ratio Lower Upper

202 100

101 13.4 0.0 31.5

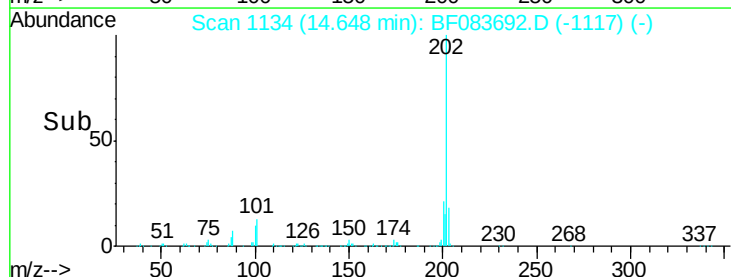
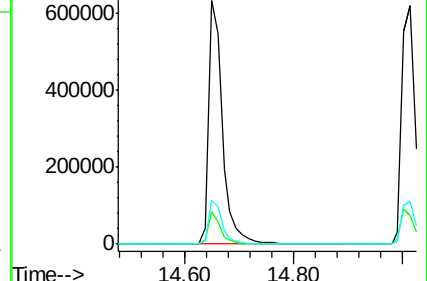
203 18.0 0.0 37.6

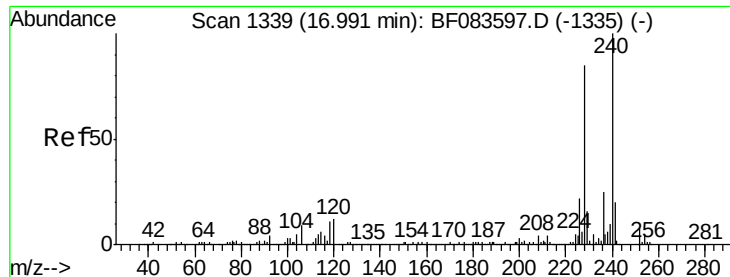


Abundance Ion 202.00 (201.70 to 202.70): E

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: 16.91 min Scan# 1332

Delta R.T. -0.08 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:31

Instrument :

BNA_F

ClientSampleId :

A8-4CMS

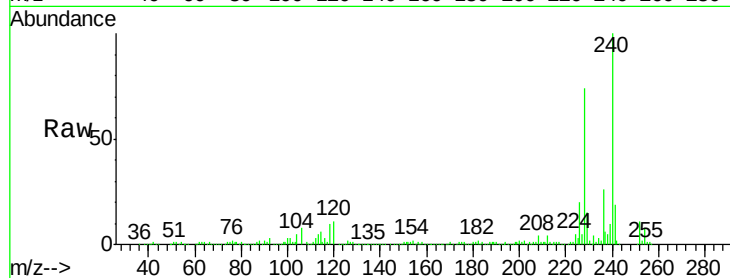
Tgt Ion:240 Resp: 377546

Ion Ratio Lower Upper

240 100

120 10.7 8.1 12.1

236 26.2 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

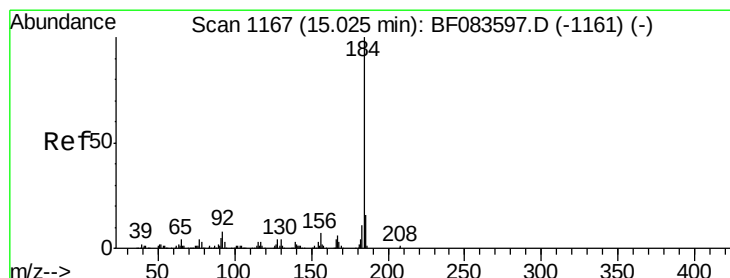
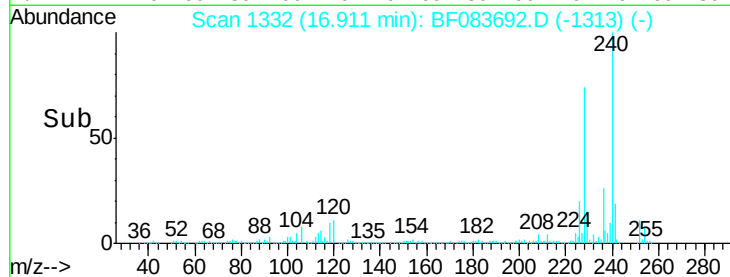
16.91

200000

100000

0

Time--> 16.80 16.90 17.00 17.10



#76

Benzidine

Concen: 25.81 ng

RT: 14.95 min Scan# 1160

Delta R.T. -0.08 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:31

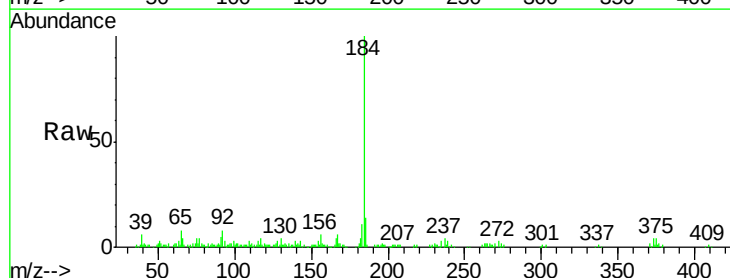
Tgt Ion:184 Resp: 303040

Ion Ratio Lower Upper

184 100

185 14.1 13.0 19.6

183 11.5 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

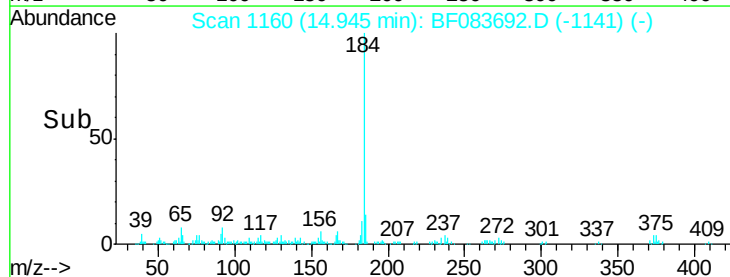
14.95

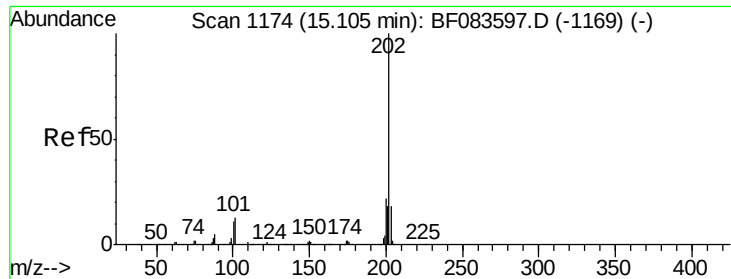
100000

50000

0

Time--> 14.80 15.00 15.20

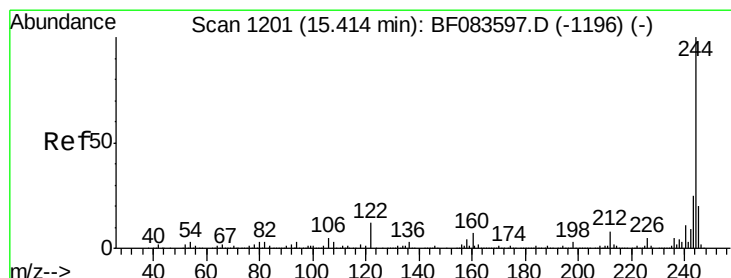
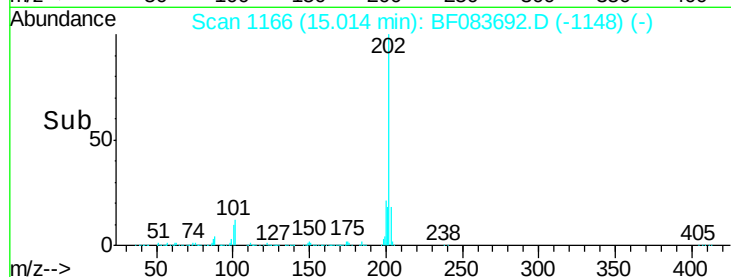
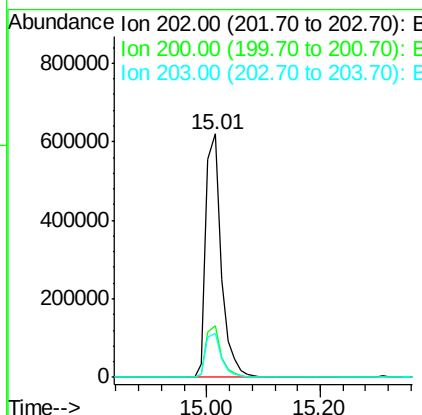
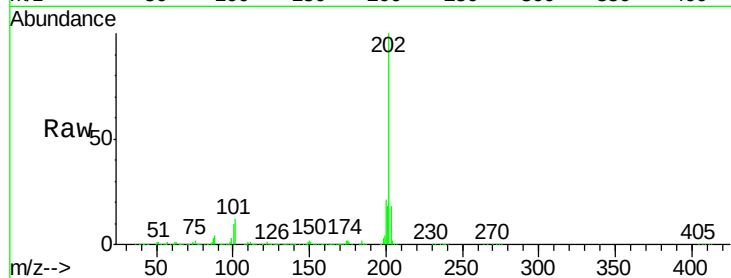




#77
 Pyrene
 Concen: 41.44 ng
 RT: 15.01 min Scan# 1166
 Delta R.T. -0.09 min
 Lab File: BF083692.D
 Acq: 10 Dec 2015 23:31

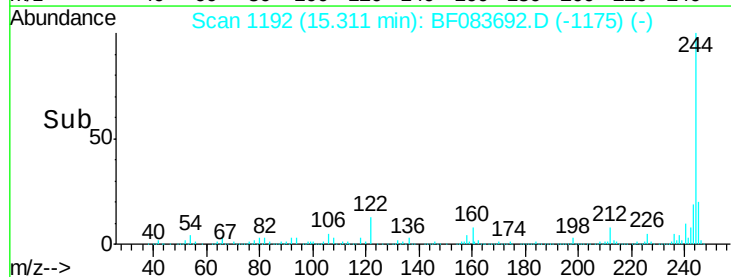
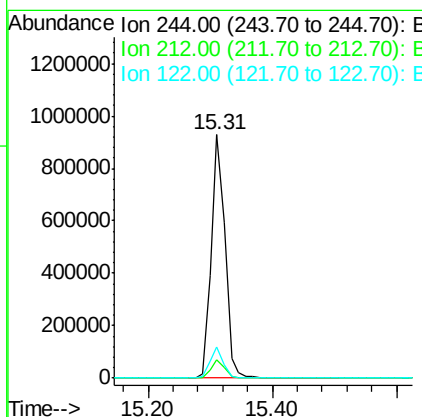
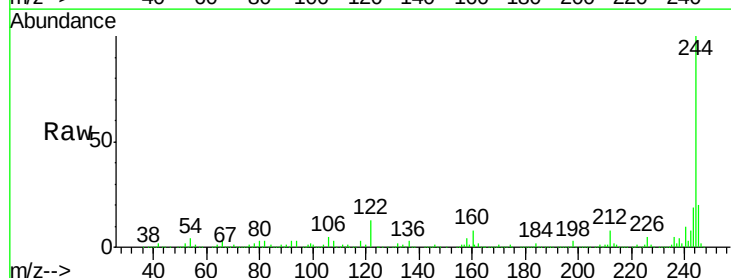
Instrument :
 BNA_F
 ClientSampleId :
 A8-4CMS

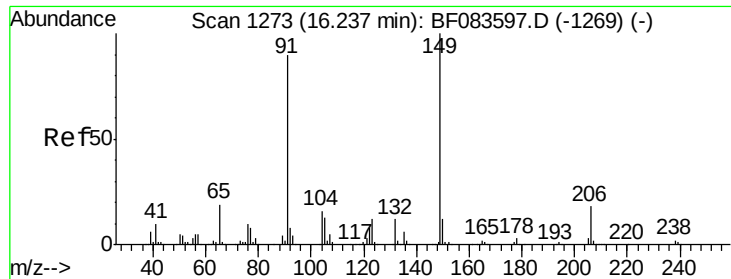
Tgt Ion:202 Resp: 1126375
 Ion Ratio Lower Upper
 202 100
 200 21.3 16.7 25.1
 203 17.8 14.3 21.5



#78
 Terphenyl-d14
 Concen: 87.58 ng
 RT: 15.31 min Scan# 1192
 Delta R.T. -0.10 min
 Lab File: BF083692.D
 Acq: 10 Dec 2015 23:31

Tgt Ion:244 Resp: 1405286
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 13.0 11.0 16.6

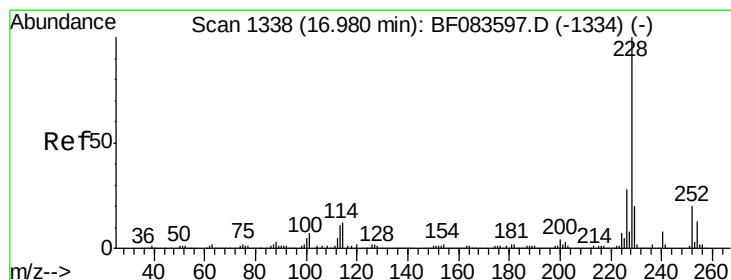
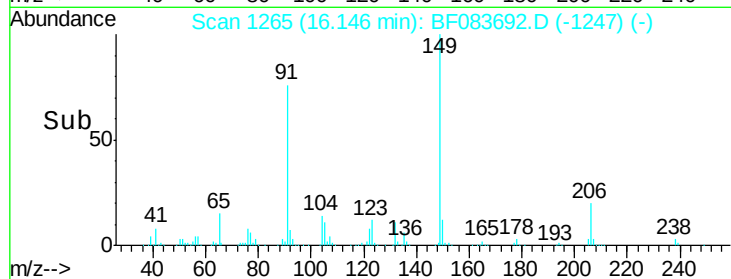
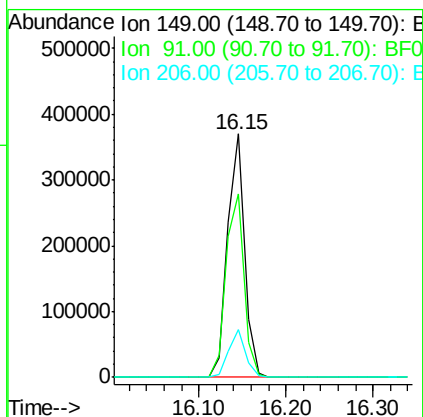
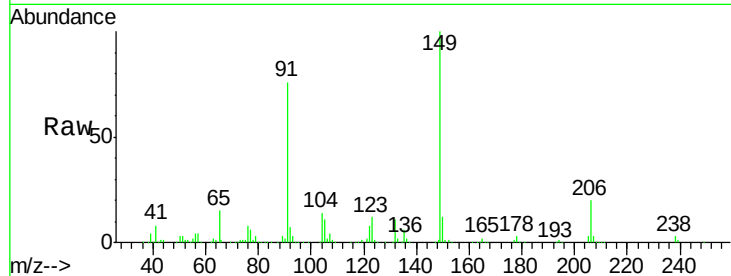




#79
Butylbenzylphthalate
Concen: 41.76 ng
RT: 16.15 min Scan# 1265
Delta R.T. -0.09 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:31

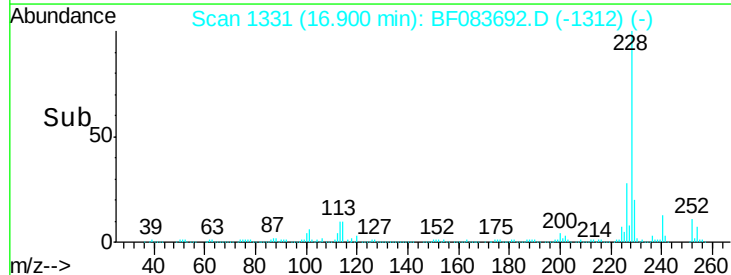
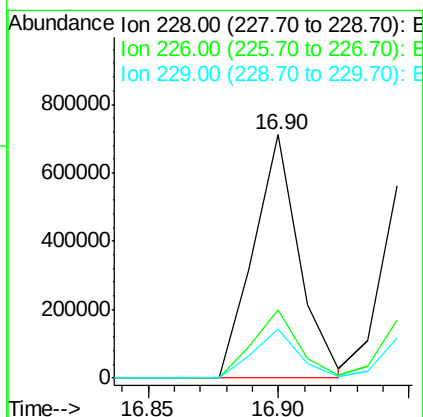
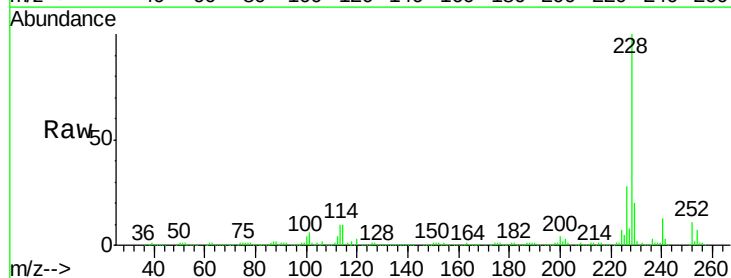
Instrument :
BNA_F
ClientSampleId :
A8-4CMS

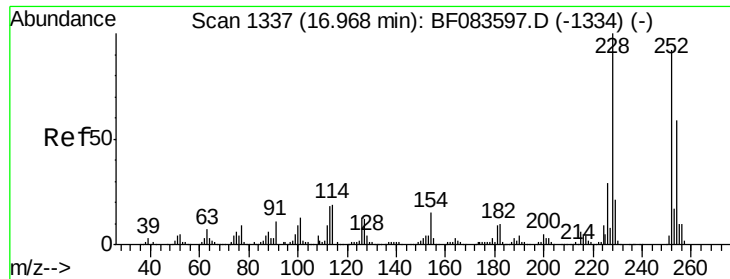
Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.5	60.0	90.0
206	19.6	16.2	24.4



#80
Benzo(a)anthracene
Concen: 39.39 ng
RT: 16.90 min Scan# 1331
Delta R.T. -0.08 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.3	33.5
229	20.2	15.7	23.5

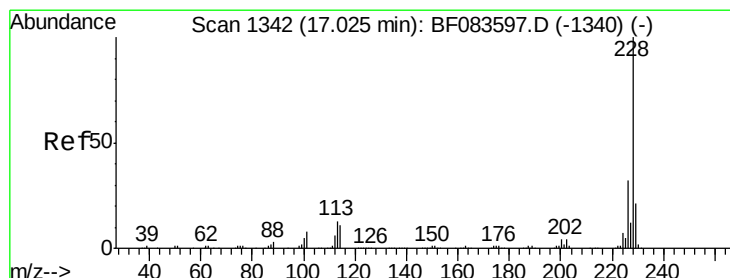
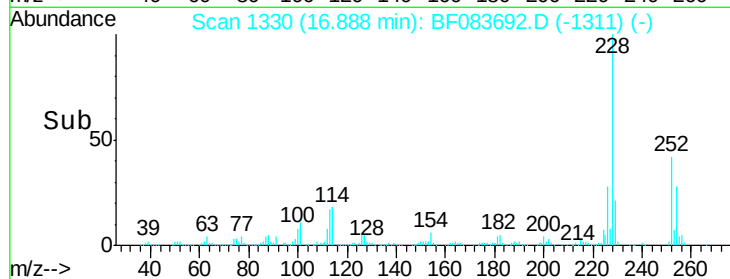
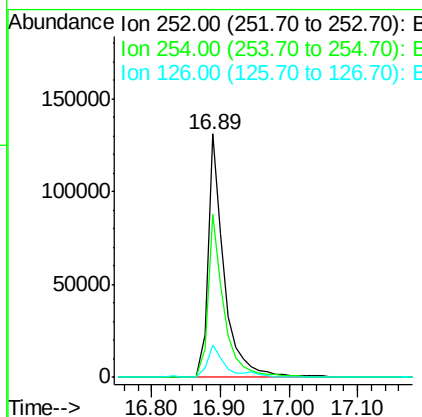
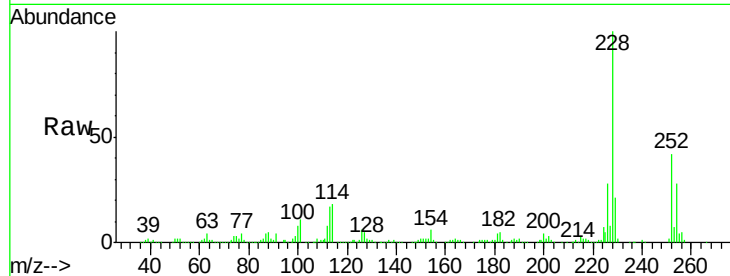




#81
 3,3'-Dichlorobenzidine
 Concen: 28.46 ng
 RT: 16.89 min Scan# 1330
 Delta R.T. -0.08 min
 Lab File: BF083692.D
 Acq: 10 Dec 2015 23:31

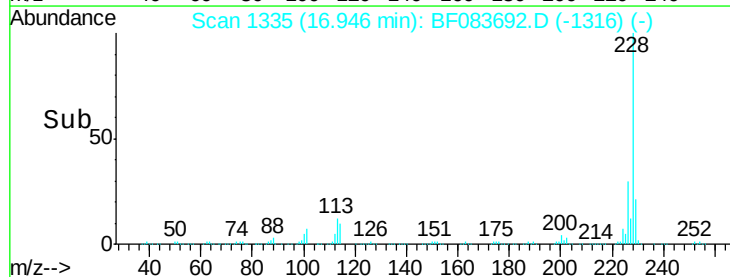
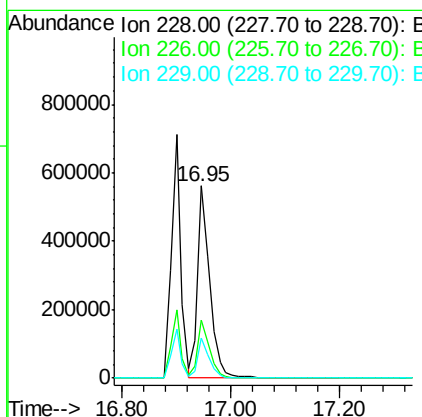
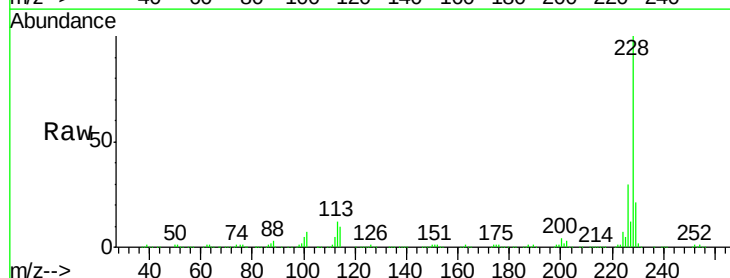
Instrument :
 BNA_F
 ClientSampleId :
 A8-4CMS

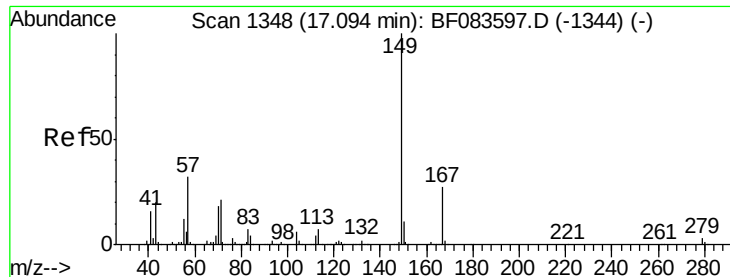
Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.9	50.6	76.0
126	13.3	11.0	16.4



#82
 Chrysene
 Concen: 38.99 ng
 RT: 16.95 min Scan# 1335
 Delta R.T. -0.08 min
 Lab File: BF083692.D
 Acq: 10 Dec 2015 23:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.7	37.1
229	20.5	16.3	24.5

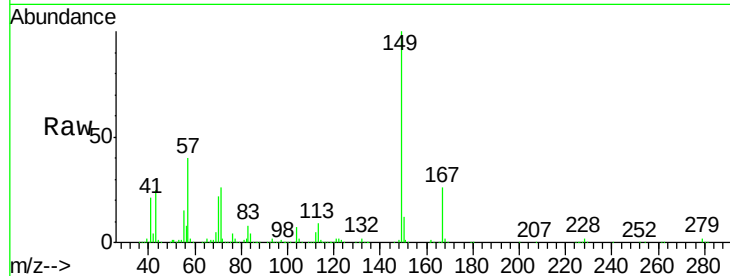




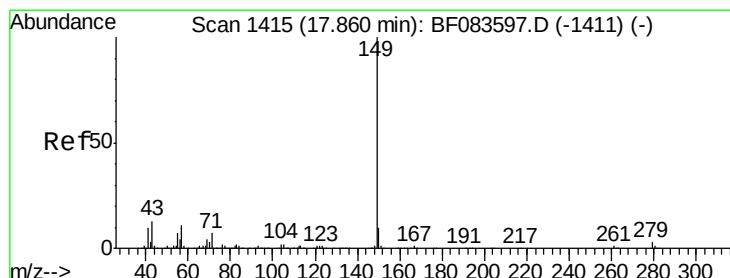
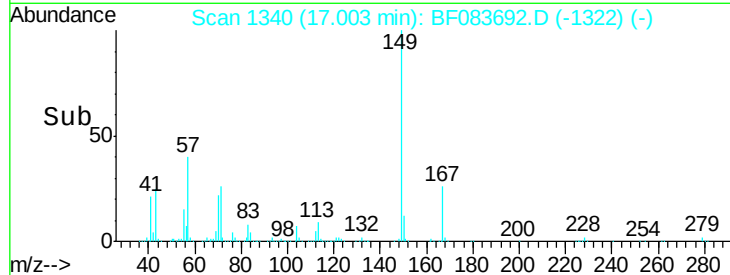
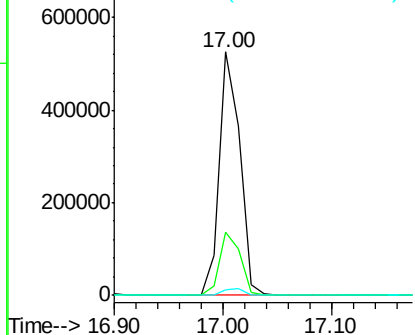
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.37 ng
 RT: 17.00 min Scan# 1340
 Delta R.T. -0.09 min
 Lab File: BF083692.D
 Acq: 10 Dec 2015 23:31

Instrument :
 BNA_F
 ClientSampleId :
 A8-4CMS

Tgt Ion:149 Resp: 692704
 Ion Ratio Lower Upper
 149 100
 167 25.8 21.8 32.8
 279 2.3 3.0 4.4#

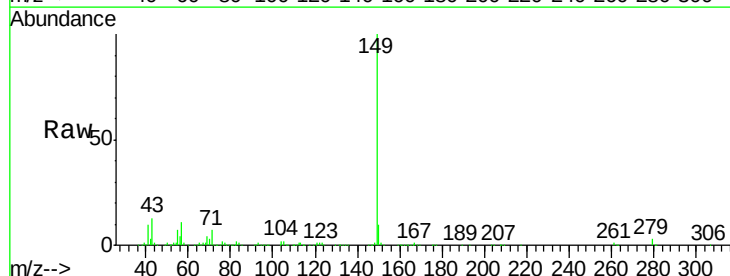


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

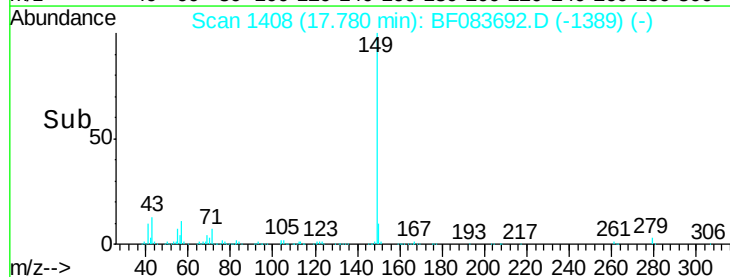
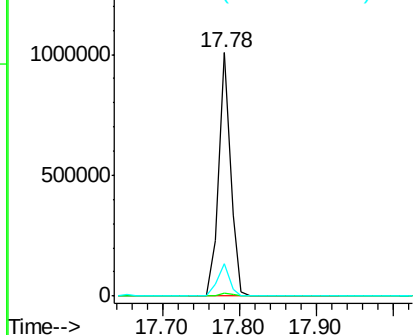


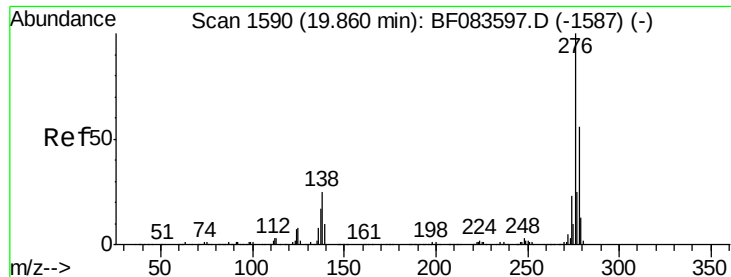
#84
 Di-n-octyl phthalate
 Concen: 43.04 ng
 RT: 17.78 min Scan# 1408
 Delta R.T. -0.08 min
 Lab File: BF083692.D
 Acq: 10 Dec 2015 23:31

Tgt Ion:149 Resp: 1101335
 Ion Ratio Lower Upper
 149 100
 167 1.5 0.0 0.0#
 43 13.3 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: 47.50 ng

RT: 19.77 min Scan# 1582

Delta R.T. -0.09 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:31

Instrument :

BNA_F

ClientSampleId :

A8-4CMS

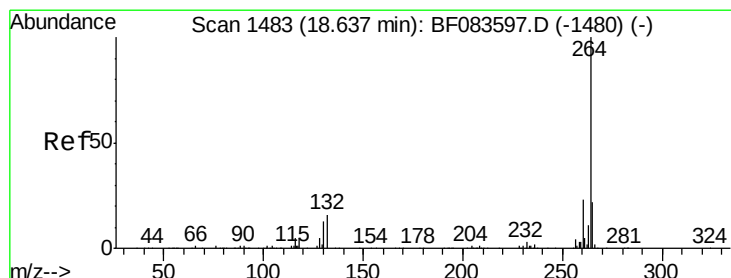
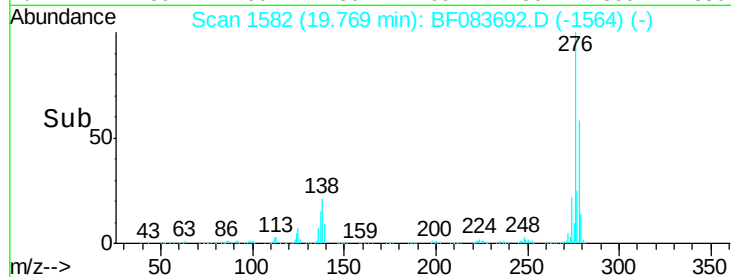
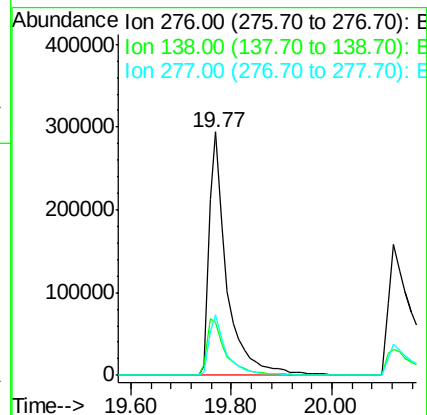
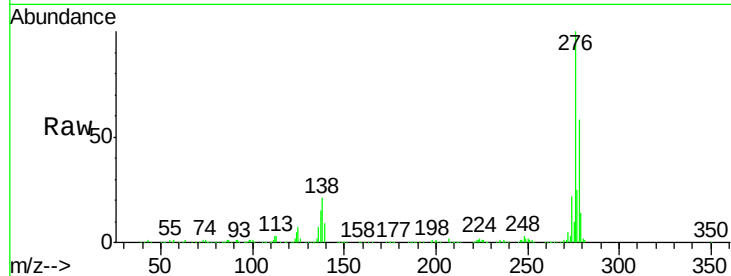
Tgt Ion: 276 Resp: 710225

Ion Ratio Lower Upper

276 100

138 25.6 0.0 0.0#

277 24.8 0.0 0.0#



#86

Perylene-d12

Concen: 20.00 ng

RT: 18.57 min Scan# 1477

Delta R.T. -0.07 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:31

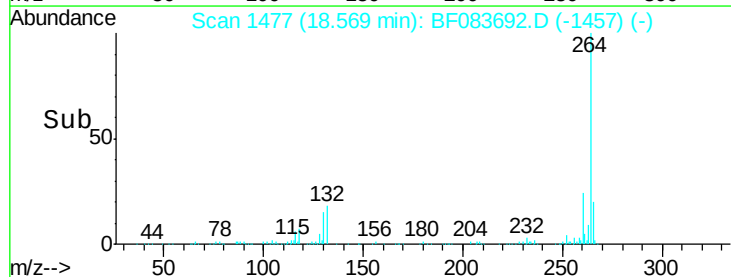
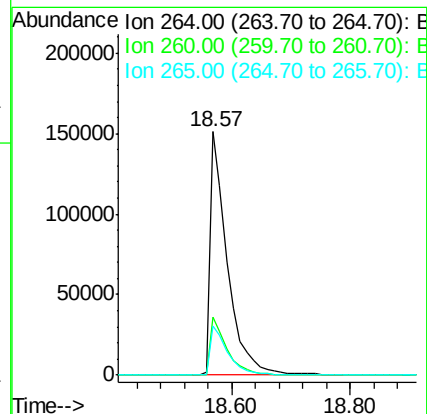
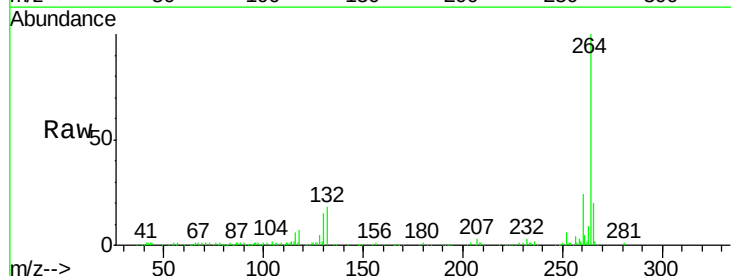
Tgt Ion: 264 Resp: 305013

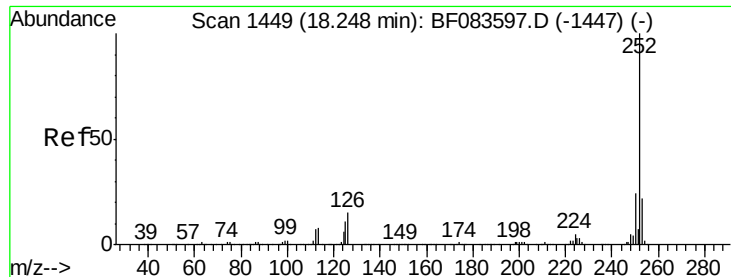
Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.0

265 20.0 17.8 26.6

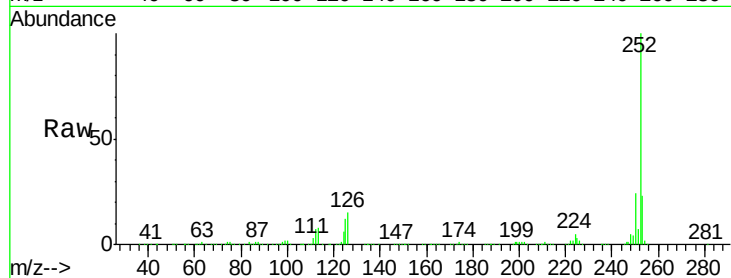




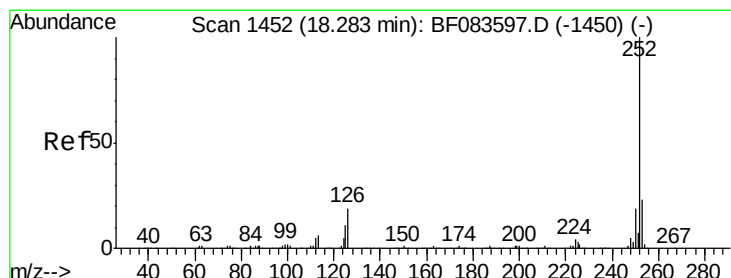
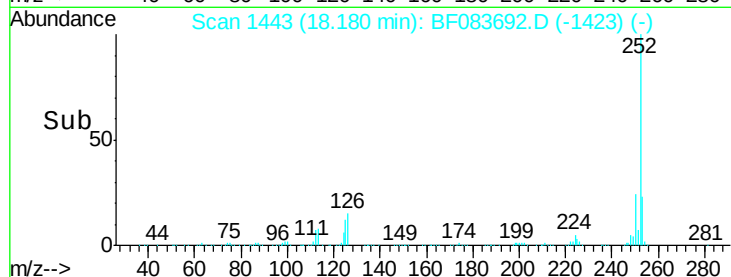
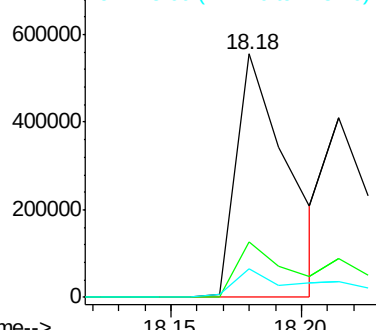
#87
Benzo(b)fluoranthene
Concen: 43.88 ng
RT: 18.18 min Scan# 1443
Delta R.T. -0.07 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:31

Instrument :
BNA_F
ClientSampleId :
A8-4CMS

Tgt Ion:252 Resp: 762180
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.4
125 11.8 8.2 12.4

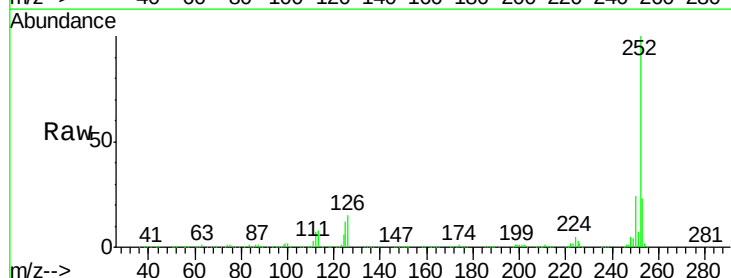


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

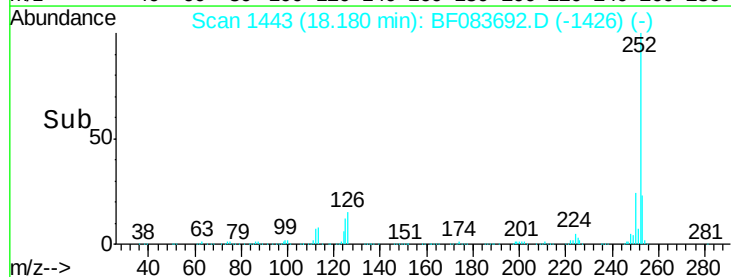
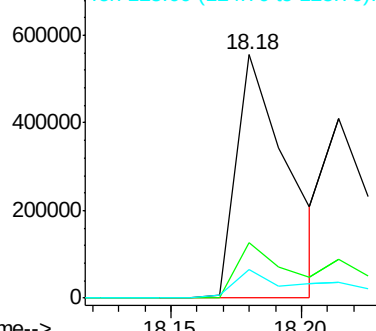


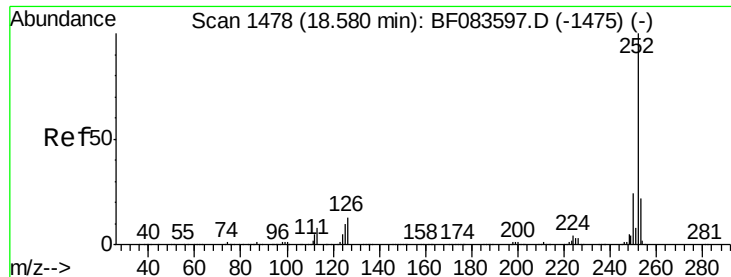
#88
Benzo(k)fluoranthene
Concen: 39.82 ng
RT: 18.18 min Scan# 1443
Delta R.T. -0.10 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:31

Tgt Ion:252 Resp: 762180
Ion Ratio Lower Upper
252 100
253 22.8 18.6 27.8
125 11.8 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

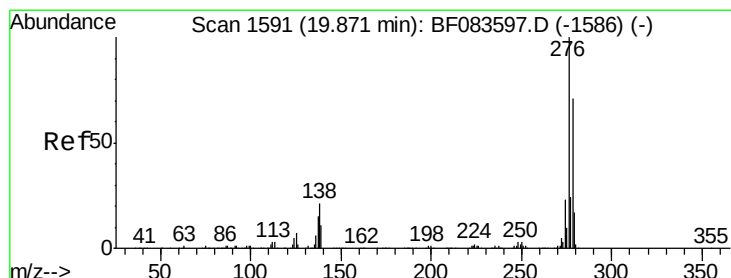
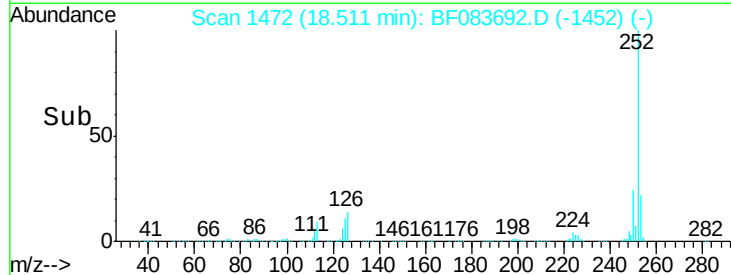
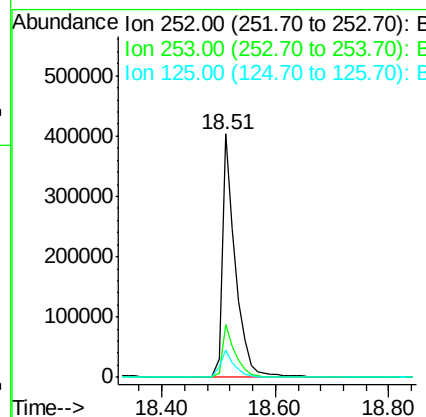
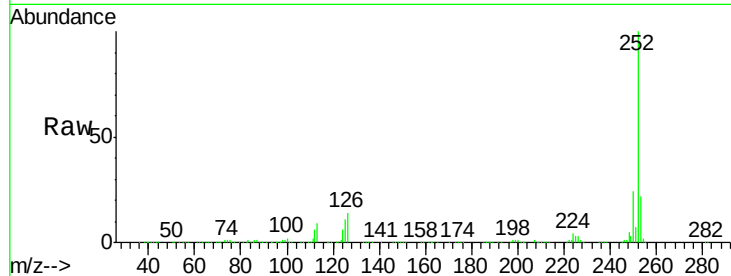




#89
Benzo(a)pyrene
Concen: 37.41 ng
RT: 18.51 min Scan# 1472
Delta R.T. -0.07 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:31

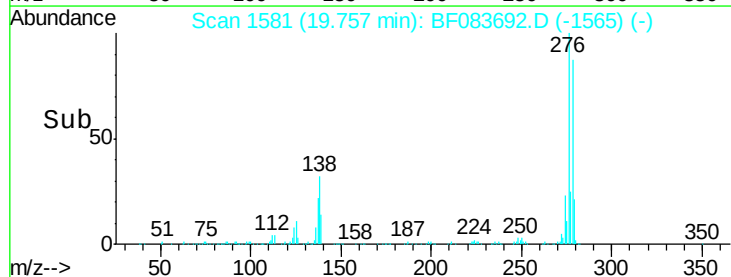
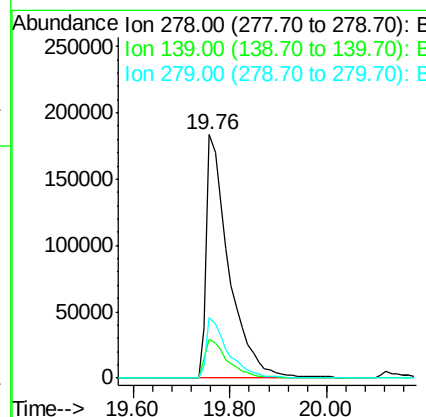
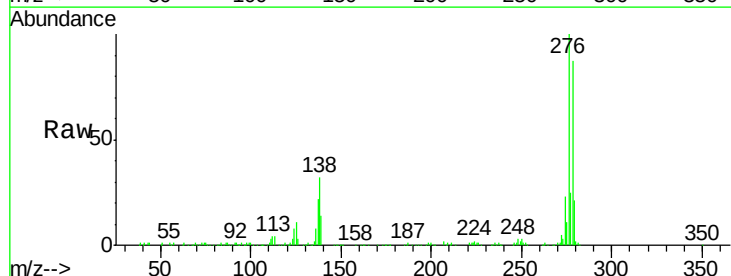
Instrument :
BNA_F
ClientSampleId :
A8-4CMS

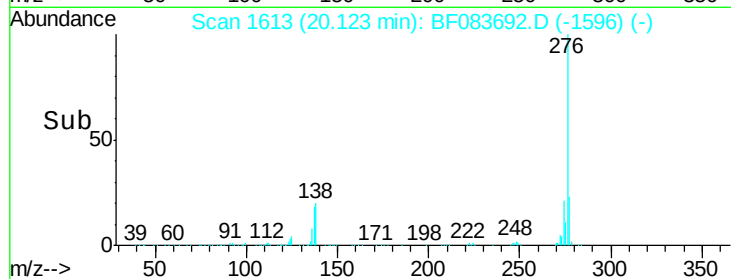
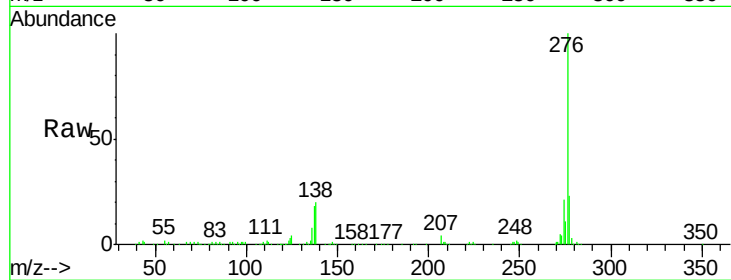
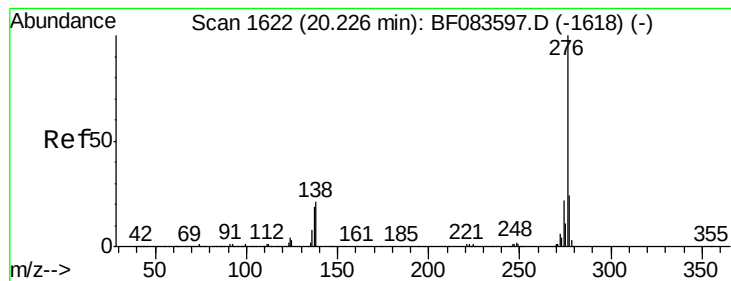
Tgt Ion: 252 Resp: 634009
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 11.4 11.0 16.6



#90
Dibenzo(a,h)anthracene
Concen: 46.20 ng
RT: 19.76 min Scan# 1581
Delta R.T. -0.11 min
Lab File: BF083692.D
Acq: 10 Dec 2015 23:31

Tgt Ion: 278 Resp: 598727
Ion Ratio Lower Upper
278 100
139 15.7 12.8 19.2
279 24.7 18.6 28.0





#91

Benzo(g,h,i)perylene

Concen: 46.21 ng

RT: 20.12 min Scan# 1613

Delta R.T. -0.10 min

Lab File: BF083692.D

Acq: 10 Dec 2015 23:31

Instrument :

BNA_F

ClientSampleId :

A8-4CMS

Tgt Ion: 276 Resp: 583872

Ion Ratio Lower Upper

276 100

277 23.2 19.2 28.8

138 20.2 19.5 29.3

