

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
 Data File : BF080007.D
 Acq On : 17 Jun 2015 2:06
 Operator : TP/IZ
 Sample : G2474-02MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-2MS

Quant Time: Jun 17 04:20:08 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 15:44:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	47114	20.00	ng	0.00
21) Naphthalene-d8	8.64	136	193971	20.00	ng	0.00
38) Acenaphthene-d10	10.41	164	98405	20.00	ng	0.00
63) Phenanthrene-d10	11.92	188	195847	20.00	ng	0.00
75) Chrysene-d12	14.86	240	216993	20.00	ng	-0.05
86) Perylene-d12	16.75	264	209601	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.96	112	81152	31.58	ng	0.00
7) Phenol-d6	6.95	99	70829	20.23	ng	0.00
23) Nitrobenzene-d5	7.91	82	198295	67.45	ng	0.00
41) 2,4,6-Tribromophenol	11.21	330	58502	60.65	ng	0.00
44) 2-Fluorobiphenyl	9.72	172	428171	60.93	ng	0.00
78) Terphenyl-d14	13.59	244	436982	46.43	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	13704	11.72	ng	# 90
3) Pyridine	4.12	79	20025	6.69	ng	97
4) n-Nitrosodimethylamine	3.99	42	20172	13.66	ng	# 87
6) Aniline	7.01	93	83164	16.42	ng	99
8) 2-Chlorophenol	7.13	128	55099	17.64	ng	98
9) Benzaldehyde	6.89	77	71083	35.33	ng	98
10) Phenol	6.96	94	31744	8.25	ng	93
11) bis(2-Chloroethyl)ether	7.06	93	93037	30.03	ng	97
12) 1,3-Dichlorobenzene	7.29	146	93148	25.57	ng	96
13) 1,4-Dichlorobenzene	7.37	146	96679	25.55	ng	97
14) 1,2-Dichlorobenzene	7.52	146	86790	25.82	ng	97
15) Benzyl Alcohol	7.48	79	59163	21.08	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.61	45	130587	28.46	ng	99
17) 2-Methylphenol	7.58	107	37768	13.84	ng	93
18) Hexachloroethane	7.88	117	30989	26.45	ng	97
19) n-Nitroso-di-n-propylamine	7.74	70	70603	28.23	ng	94
20) 3+4-Methylphenols	7.73	107	42813	12.28	ng	96
22) Acetophenone	7.75	105	141071	30.79	ng	# 98
24) Nitrobenzene	7.92	77	96515	30.86	ng	100
25) Isophorone	8.16	82	196512	28.72	ng	99
26) 2-Nitrophenol	8.25	139	24534	23.83	ng	92
27) 2,4-Dimethylphenol	8.26	122	62291	20.32	ng	94
28) bis(2-Chloroethoxy)methane	8.37	93	123649	30.44	ng	99
29) 2,4-Dichlorophenol	8.48	162	47695	18.57	ng	97
30) 1,2,4-Trichlorobenzene	8.58	180	82934	25.41	ng	99
31) Naphthalene	8.66	128	289643	27.32	ng	99
32) Benzoic acid	8.26	122	62291	51.31	ng	# 16
33) 4-Chloroaniline	8.70	127	143854	34.95	ng	98
34) Hexachlorobutadiene	8.79	225	44599	24.61	ng	98
35) Caprolactam	9.02	113	3897	4.80	ng	# 46
36) 4-Chloro-3-methylphenol	9.17	107	53351	18.19	ng	98
37) 2-Methylnaphthalene	9.36	142	201053	28.07	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.53	216	85212	25.86	ng	99
40) Hexachlorocyclopentadiene	9.52	237	78905	60.72	ng	100

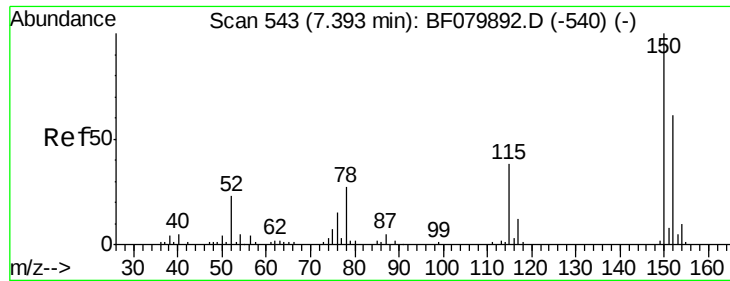
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.64	196	35141	17.31	ng	94
43) 2,4,5-Trichlorophenol	9.67	196	42997	19.18	ng	94
45) 1,1'-Biphenyl	9.82	154	228511	28.69	ng	97
46) 2-Chloronaphthalene	9.85	162	191553	28.25	ng	98
47) 2-Nitroaniline	9.93	65	52588	37.17	ng	94
48) Acenaphthylene	10.28	152	313402	27.38	ng	99
49) Dimethylphthalate	10.10	163	275090	34.89	ng	99
50) 2,6-Dinitrotoluene	10.17	165	45137	32.39	ng	94
51) Acenaphthene	10.45	154	191081	29.37	ng	98
52) 3-Nitroaniline	10.34	138	48688	29.01	ng	90
53) 2,4-Dinitrophenol	10.45	184	14187	59.77	ng	# 1
54) Dibenzofuran	10.62	168	282241	29.69	ng	98
55) 4-Nitrophenol	10.48	139	17861	16.30	ng	92
56) 2,4-Dinitrotoluene	10.58	165	50023	28.38	ng	93
57) Fluorene	10.96	166	210365	25.39	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.73	232	37201	21.90	ng	99
59) Diethylphthalate	10.81	149	236172	29.96	ng	98
60) 4-Chlorophenyl-phenylether	10.95	204	105460	28.50	ng	94
61) 4-Nitroaniline	10.96	138	44947	25.99	ng	86
62) Azobenzene	11.11	77	236142	31.13	ng	95
64) 4,6-Dinitro-2-methylphenol	11.00	198	12675	33.02	ng	90
65) n-Nitrosodiphenylamine	11.06	169	156335	24.73	ng	99
66) 4-Bromophenyl-phenylether	11.45	248	57812	26.34	ng	# 89
67) Hexachlorobenzene	11.53	284	64679	27.02	ng	# 84
68) Atrazine	11.58	200	57273	29.43	ng	92
69) Pentachlorophenol	11.72	266	43998	43.18	ng	96
70) Phenanthrene	11.94	178	356910	30.58	ng	99
71) Anthracene	12.00	178	334703	29.63	ng	100
72) Carbazole	12.15	167	297705	27.18	ng	99
73) Di-n-butylphthalate	12.47	149	366115	30.68	ng	# 98
74) Fluoranthene	13.20	202	355729	27.57	ng	95
77) Pyrene	13.45	202	385912	28.32	ng	99
79) Butylbenzylphthalate	14.14	149	148935	32.36	ng	95
80) Benzo(a)anthracene	14.85	228	371275	26.94	ng	99
81) 3,3'-Dichlorobenzidine	14.79	252	85221	19.34	ng	97
82) Chrysene	14.89	228	339897	27.42	ng	98
83) Bis(2-ethylhexyl)phthalate	14.83	149	232586	31.58	ng	99
84) Di-n-octyl phthalate	15.63	149	375742	31.28	ng	99
85) Indeno(1,2,3-cd)pyrene	18.61	276	405374	28.09	ng	98
87) Benzo(b)fluoranthene	16.20	252	395685	30.81	ng	99
88) Benzo(k)fluoranthene	16.23	252	327138	24.98	ng	99
89) Benzo(a)pyrene	16.67	252	352024	28.82	ng	# 96
90) Dibenzo(a,h)anthracene	18.63	278	336813	28.05	ng	98
91) Benzo(g,h,i)perylene	19.18	276	345070	27.78	ng	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF080007.D

Acq: 17 Jun 2015 2:06

Instrument :

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ClientSampleId :

C-2MS

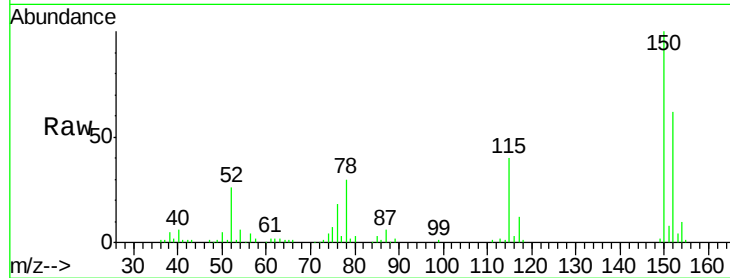
Tgt Ion:152 Resp: 47114

Ion Ratio Lower Upper

152 100

150 160.4 131.0 196.4

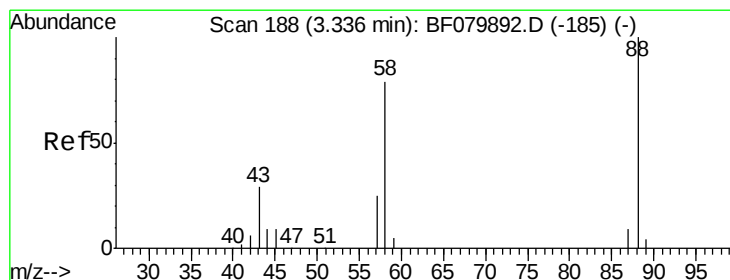
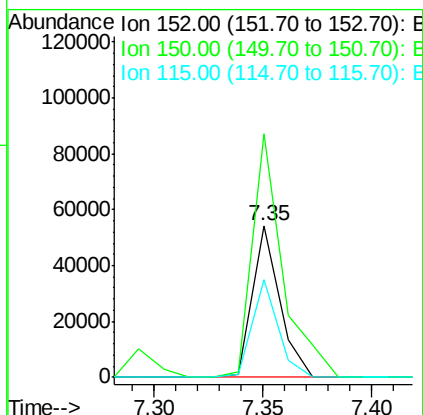
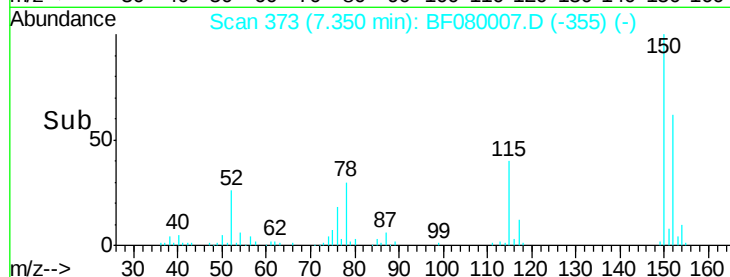
115 64.0 49.8 74.6



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: 11.72 ng

RT: 3.27 min Scan# 16

Delta R.T. 0.02 min

Lab File: BF080007.D

Acq: 17 Jun 2015 2:06

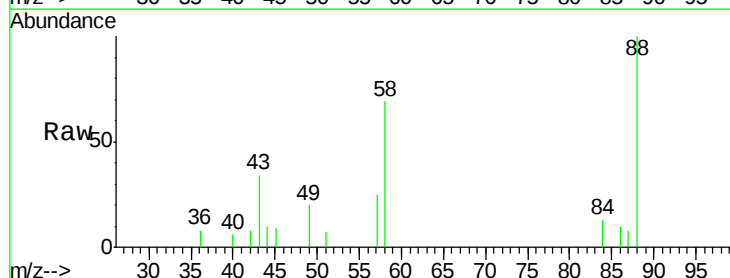
Tgt Ion: 88 Resp: 13704

Ion Ratio Lower Upper

88 100

58 74.5 63.0 94.4

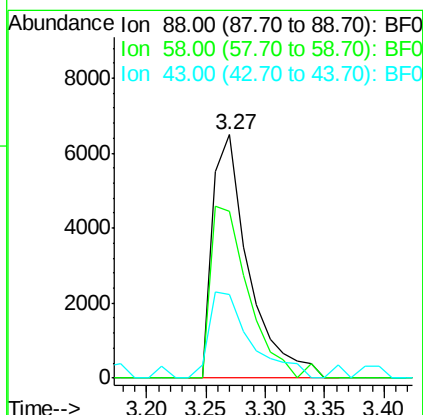
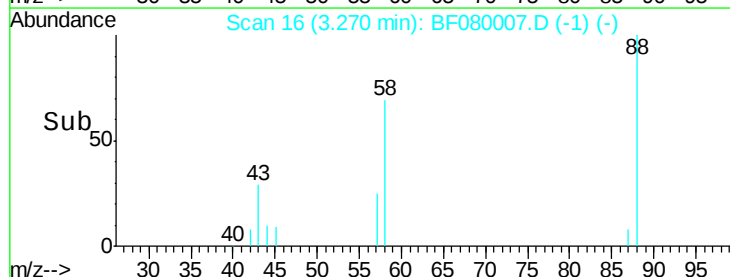
43 41.1 23.2 34.8#

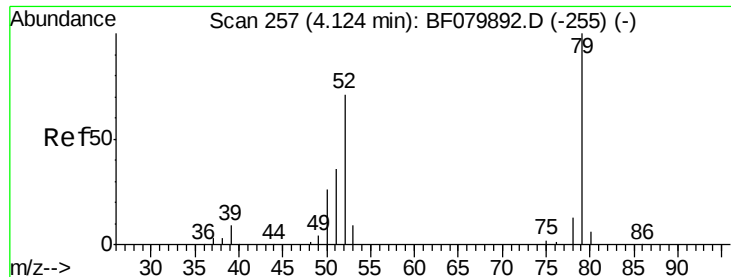


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 6.69 ng

RT: 4.12 min Scan# 90

Delta R.T. 0.06 min

Lab File: BF080007.D

Acq: 17 Jun 2015 2:06

Instrument :

BNA_F

ClientSampleId :

C-2MS

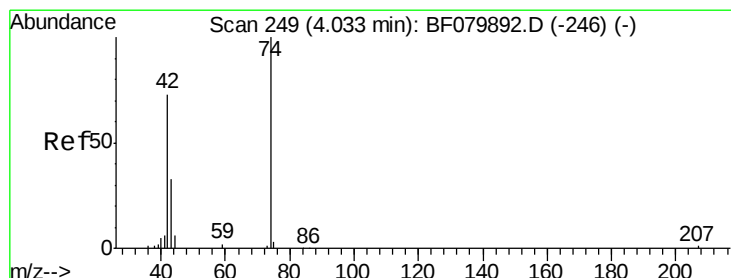
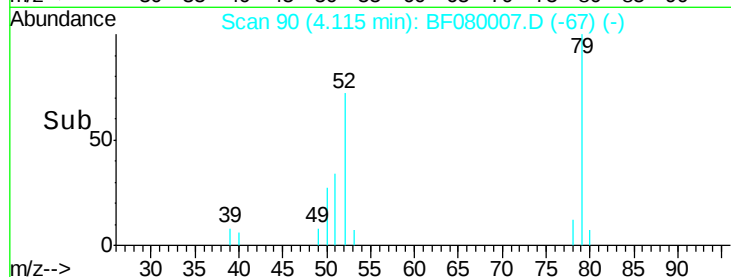
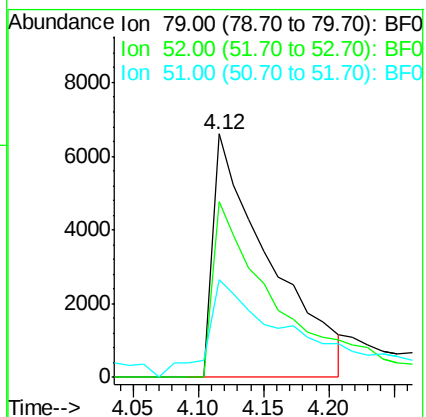
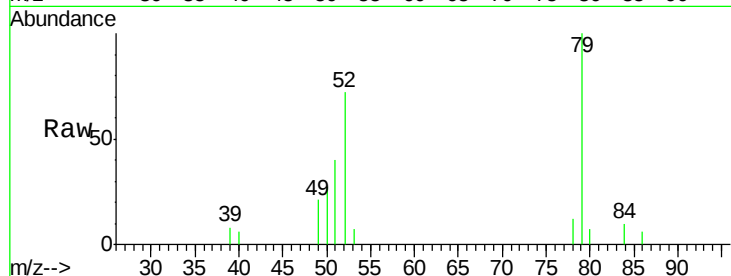
Tgt Ion: 79 Resp: 20025

Ion Ratio Lower Upper

79 100

52 72.3 56.7 85.1

51 40.3 29.8 44.6



#4

n-Nitrosodimethylamine

Concen: 13.66 ng

RT: 3.99 min Scan# 79

Delta R.T. 0.02 min

Lab File: BF080007.D

Acq: 17 Jun 2015 2:06

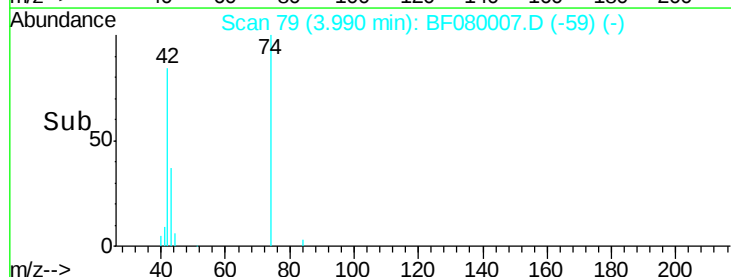
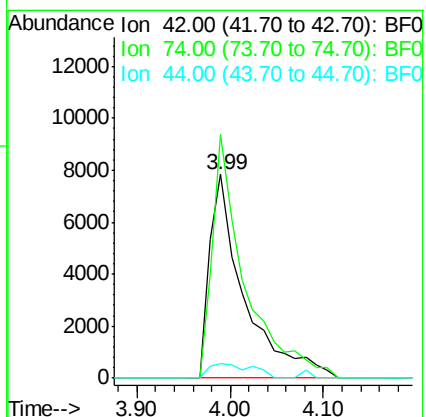
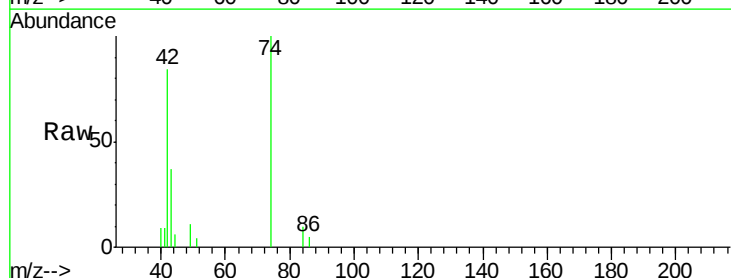
Tgt Ion: 42 Resp: 20172

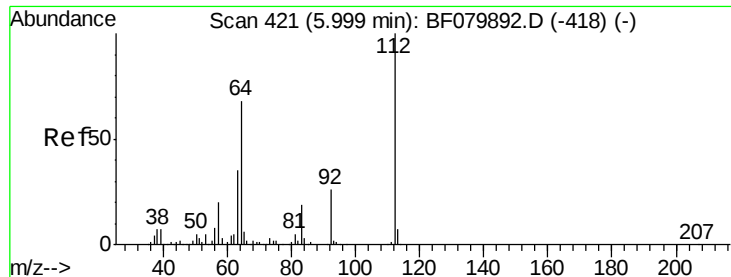
Ion Ratio Lower Upper

42 100

74 119.6 109.0 163.6

44 7.3 7.7 11.5#





#5

2-Fluorophenol

Concen: 31.58 ng

RT: 5.96 min Scan# 251

Delta R.T. 0.00 min

Lab File: BF080007.D

Acq: 17 Jun 2015 2:06

Instrument :

BNA_F

ClientSampleId :

C-2MS

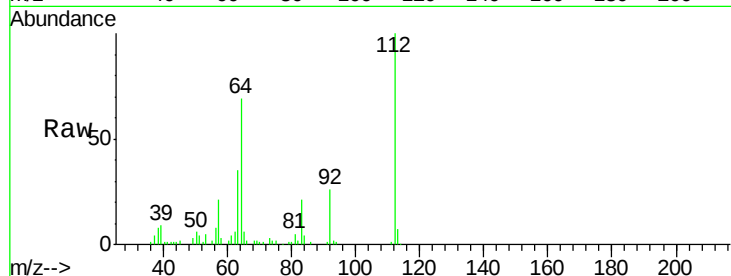
Tgt Ion: 112 Resp: 81152

Ion Ratio Lower Upper

112 100

64 68.6 54.5 81.7

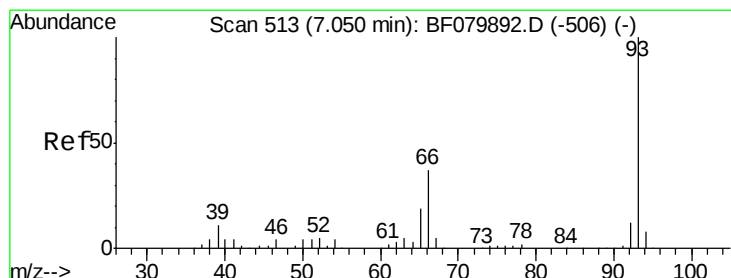
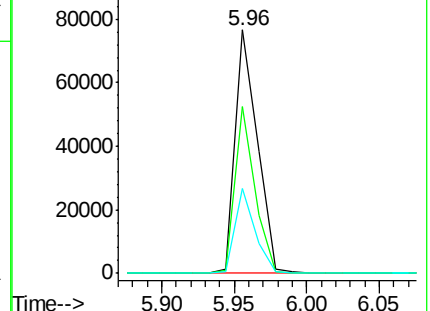
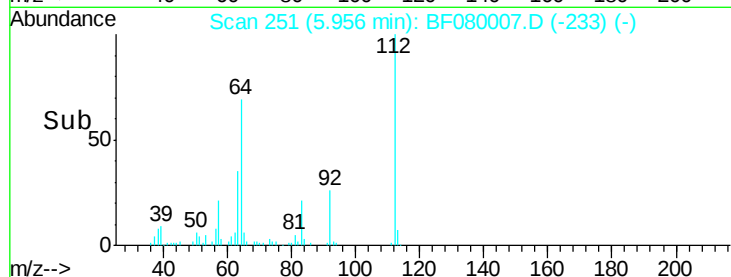
63 35.1 27.9 41.9



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: 16.42 ng

RT: 7.01 min Scan# 343

Delta R.T. 0.00 min

Lab File: BF080007.D

Acq: 17 Jun 2015 2:06

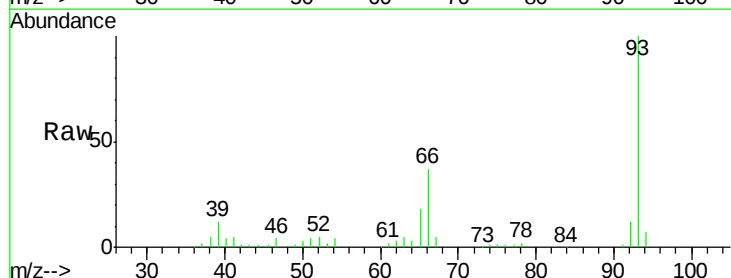
Tgt Ion: 93 Resp: 83164

Ion Ratio Lower Upper

93 100

66 37.1 29.4 44.0

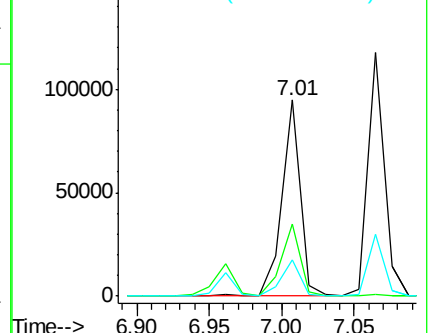
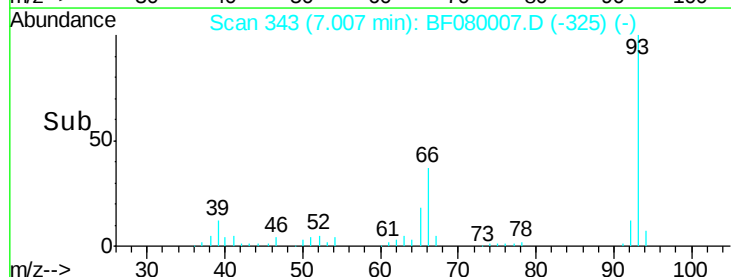
65 18.4 14.9 22.3

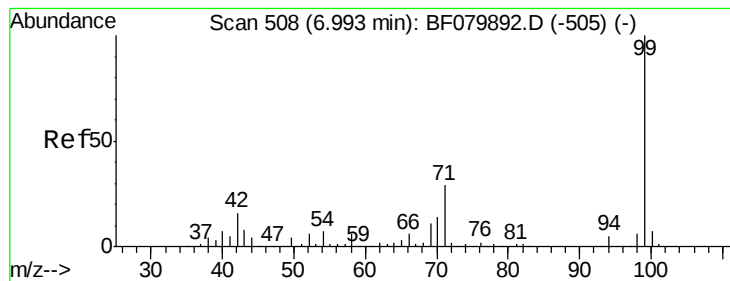


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 20.23 ng

RT: 6.95 min Scan# 338

Delta R.T. 0.00 min

Lab File: BF080007.D

Acq: 17 Jun 2015 2:06

Instrument :

BNA_F

ClientSampleId :

C-2MS

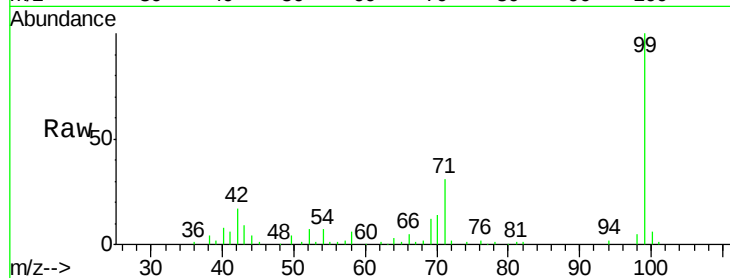
Tgt Ion: 99 Resp: 70829

Ion Ratio Lower Upper

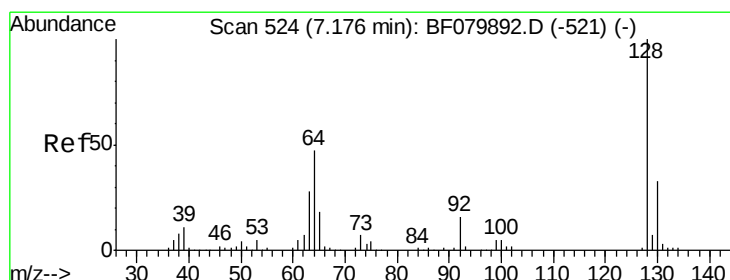
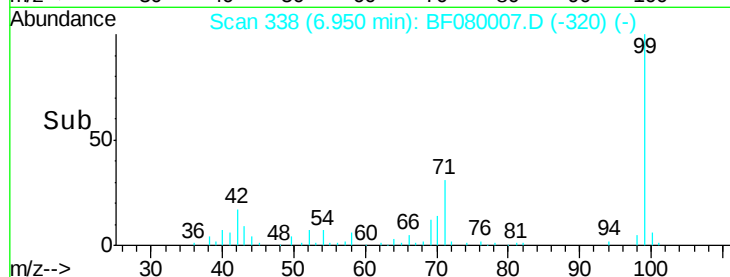
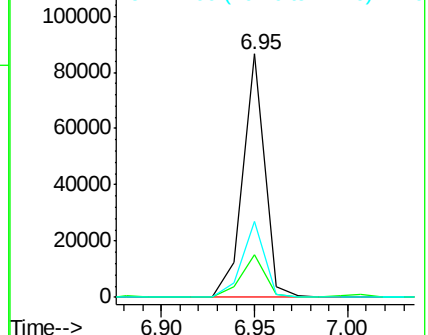
99 100

42 17.4 12.9 19.3

71 31.3 23.4 35.2



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: 17.64 ng

RT: 7.13 min Scan# 354

Delta R.T. 0.00 min

Lab File: BF080007.D

Acq: 17 Jun 2015 2:06

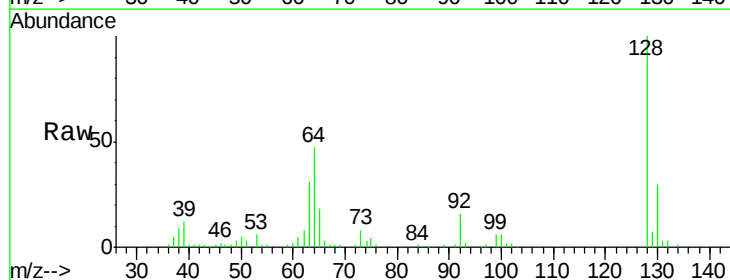
Tgt Ion: 128 Resp: 55099

Ion Ratio Lower Upper

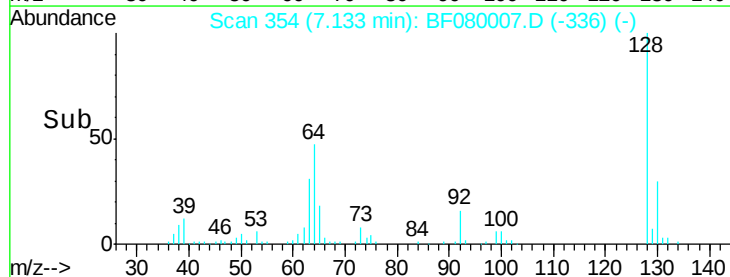
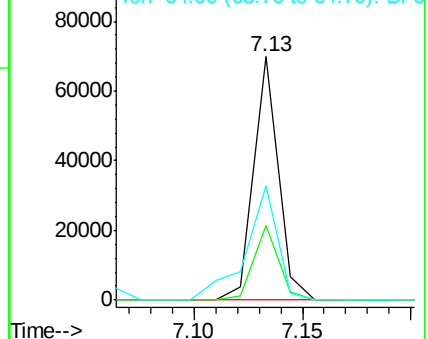
128 100

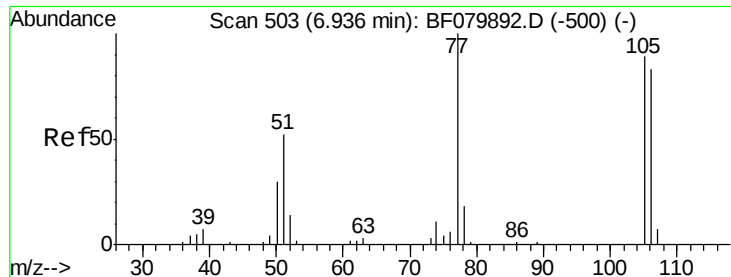
130 30.4 13.1 53.1

64 46.8 26.8 66.8



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: 35.33 ng

RT: 6.89 min Scan# 333

Delta R.T. 0.00 min

Lab File: BF080007.D

Acq: 17 Jun 2015 2:06

Instrument :

BNA_F

ClientSampleId :

C-2MS

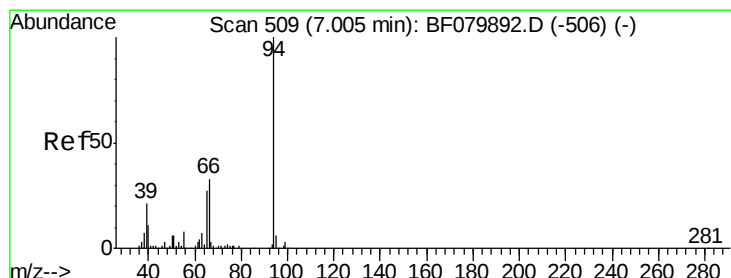
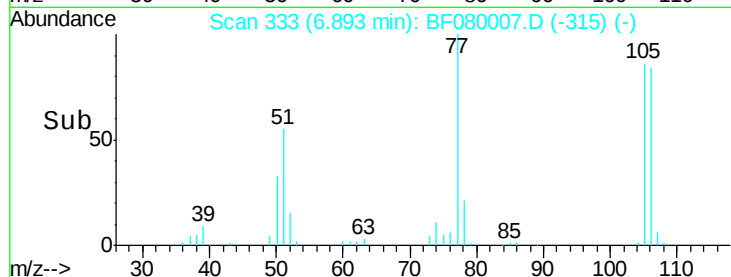
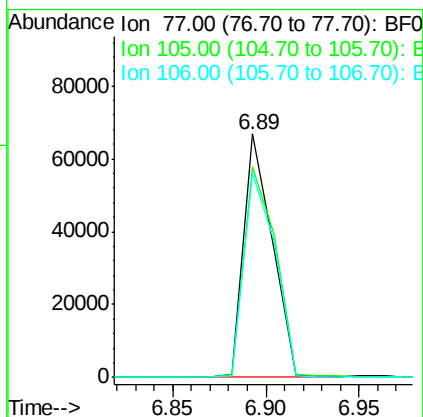
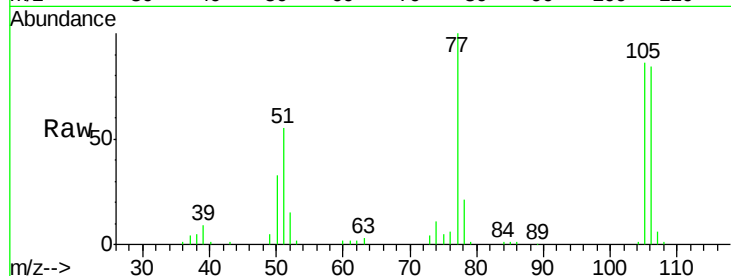
Tgt Ion: 77 Resp: 71083

Ion Ratio Lower Upper

77 100

105 86.3 68.6 108.6

106 83.7 63.3 103.3



#10

Phenol

Concen: 8.25 ng

RT: 6.96 min Scan# 339

Delta R.T. 0.00 min

Lab File: BF080007.D

Acq: 17 Jun 2015 2:06

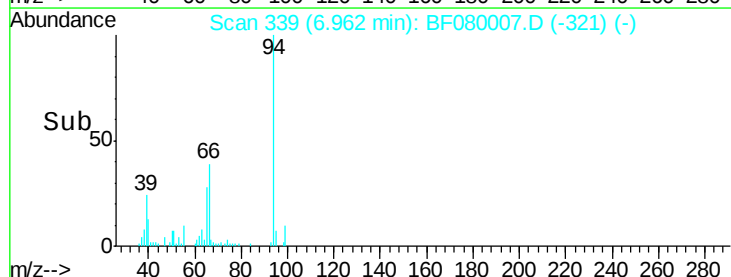
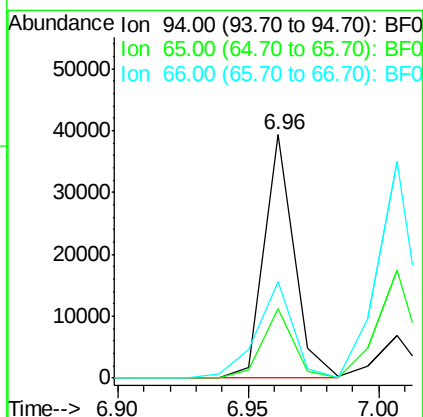
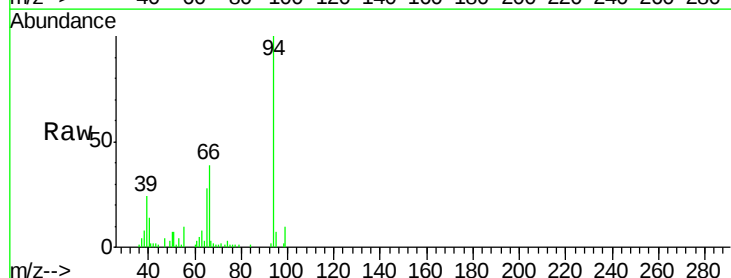
Tgt Ion: 94 Resp: 31744

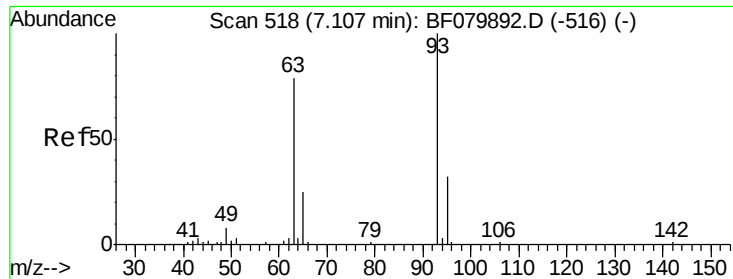
Ion Ratio Lower Upper

94 100

65 28.3 7.0 47.0

66 39.4 13.3 53.3





#11

bis(2-Chloroethyl)ether

Concen: 30.03 ng

RT: 7.06 min Scan# 348

Delta R.T. 0.00 min

Lab File: BF080007.D

Acq: 17 Jun 2015 2:06

Instrument :

BNA_F

ClientSampleId :

C-2MS

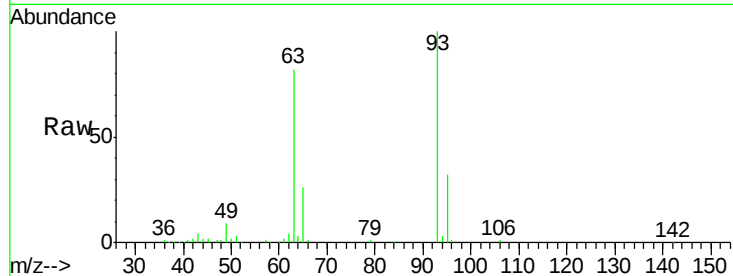
Tgt Ion: 93 Resp: 93037

Ion Ratio Lower Upper

93 100

63 82.4 58.7 98.7

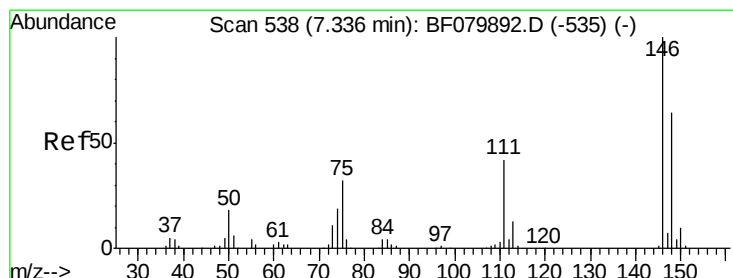
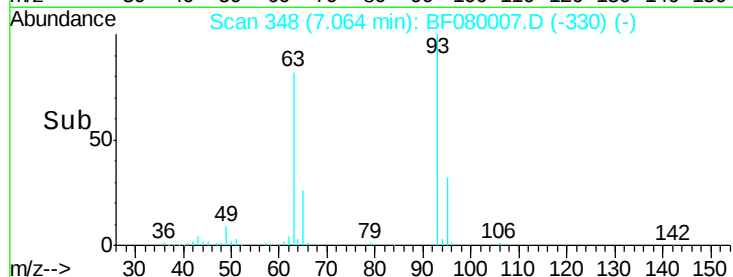
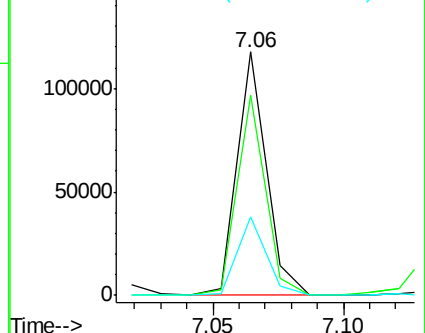
95 32.1 11.5 51.5



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 25.57 ng

RT: 7.29 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF080007.D

Acq: 17 Jun 2015 2:06

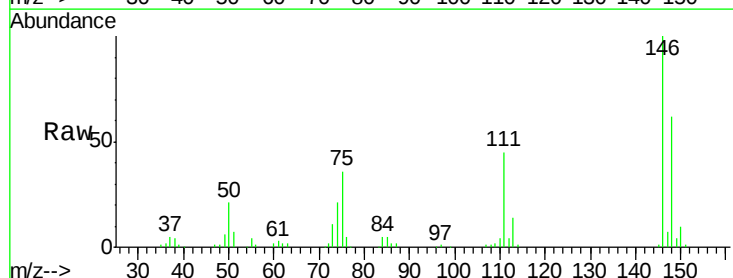
Tgt Ion: 146 Resp: 93148

Ion Ratio Lower Upper

146 100

148 61.6 50.9 76.3

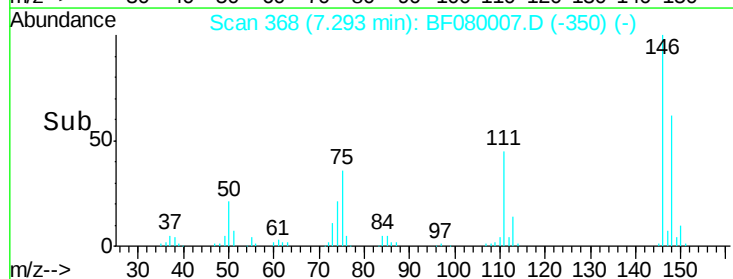
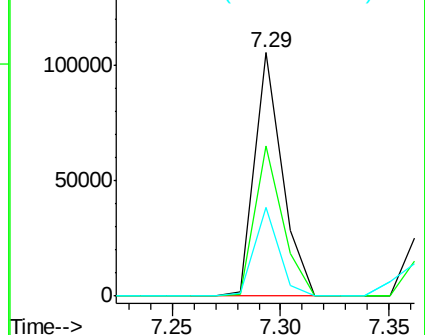
75 36.3 25.8 38.6

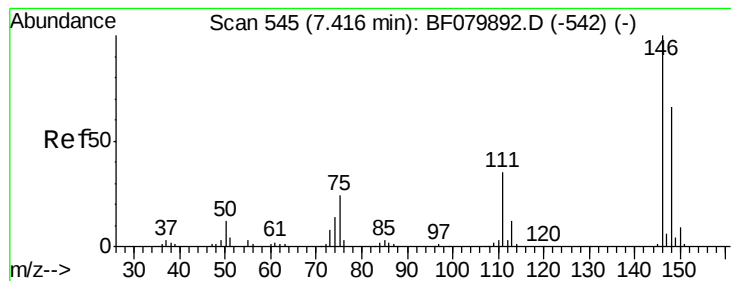


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 25.55 ng

RT: 7.37 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF080007.D

Acq: 17 Jun 2015 2:06

Instrument :

BNA_F

ClientSampleId :

C-2MS

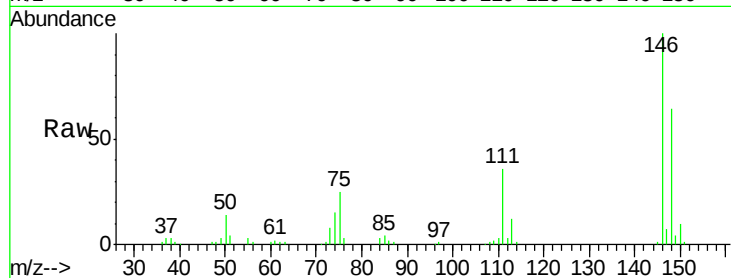
Tgt Ion:146 Resp: 96679

Ion Ratio Lower Upper

146 100

148 63.6 53.0 79.6

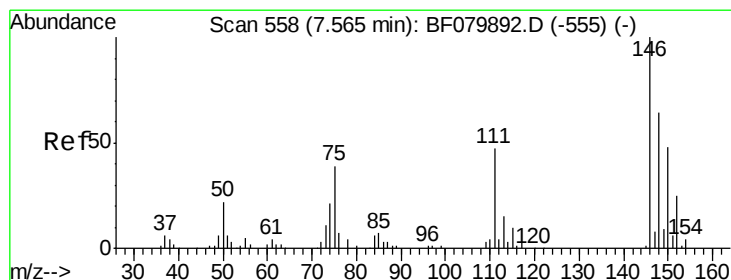
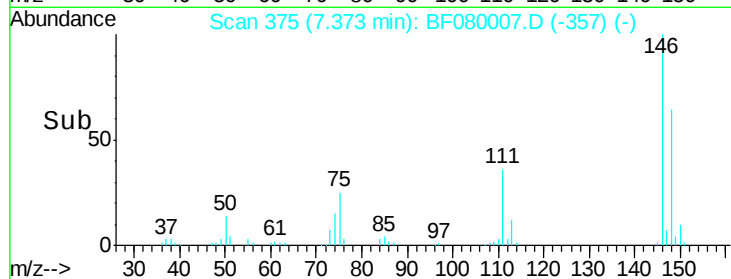
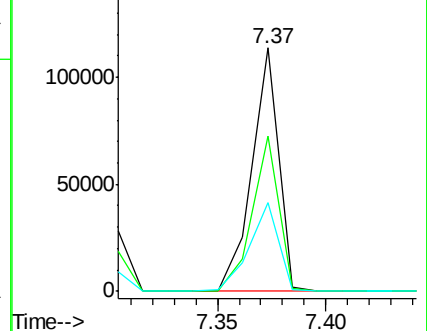
111 36.2 28.2 42.2



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: 25.82 ng

RT: 7.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF080007.D

Acq: 17 Jun 2015 2:06

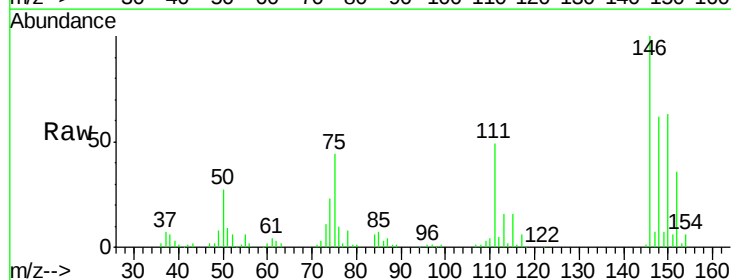
Tgt Ion:146 Resp: 86790

Ion Ratio Lower Upper

146 100

148 62.3 51.2 76.8

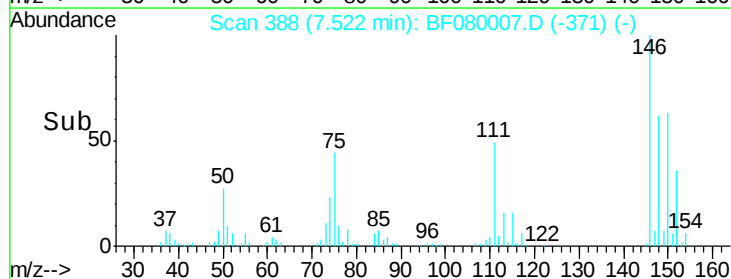
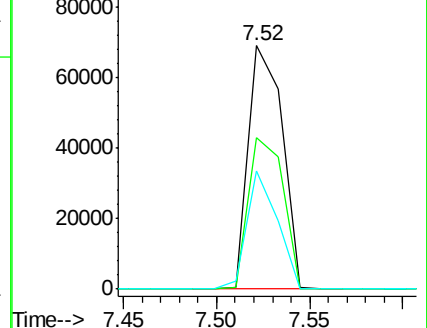
111 48.8 37.3 55.9

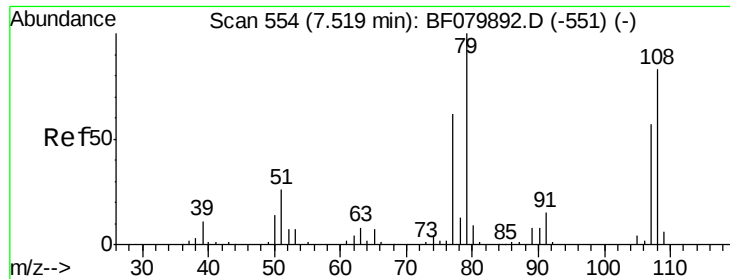


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 21.08 ng

RT: 7.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF080007.D

Acq: 17 Jun 2015 2:06

Instrument :

BNA_F

ClientSampleId :

C-2MS

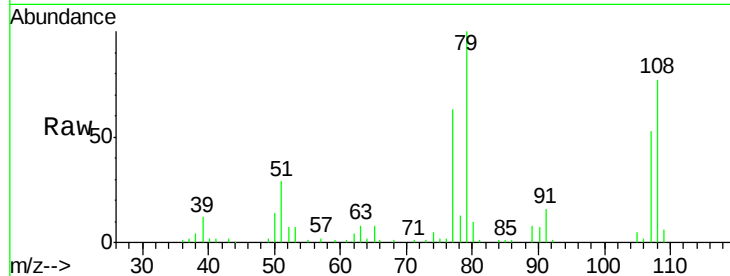
Tgt Ion: 79 Resp: 59163

Ion Ratio Lower Upper

79 100

108 77.3 66.4 99.6

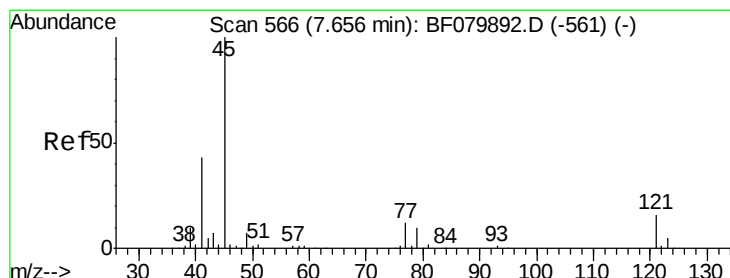
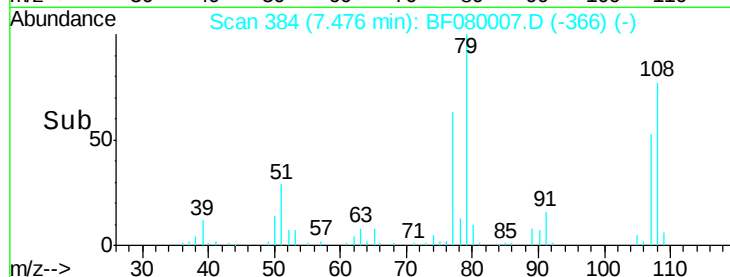
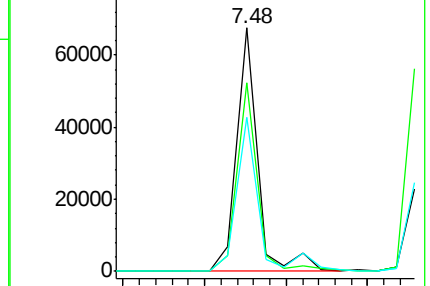
77 63.2 49.4 74.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 28.46 ng

RT: 7.61 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF080007.D

Acq: 17 Jun 2015 2:06

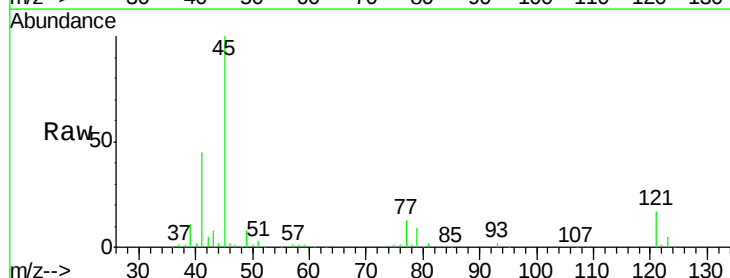
Tgt Ion: 45 Resp: 130587

Ion Ratio Lower Upper

45 100

77 12.7 0.0 31.9

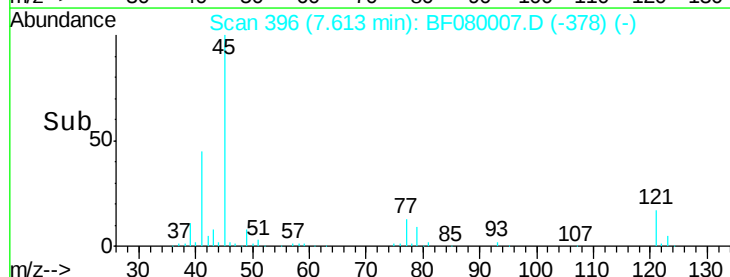
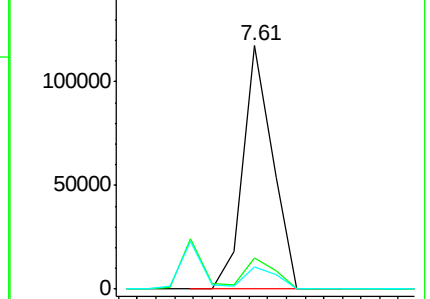
79 9.3 0.0 29.6

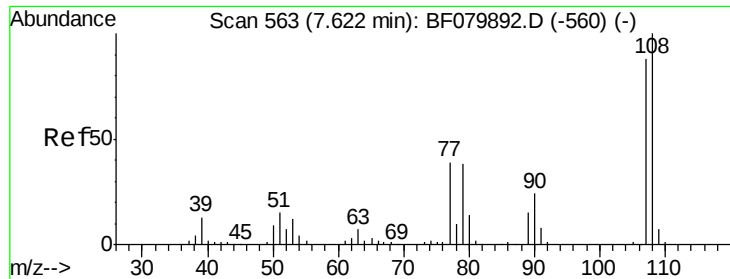


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

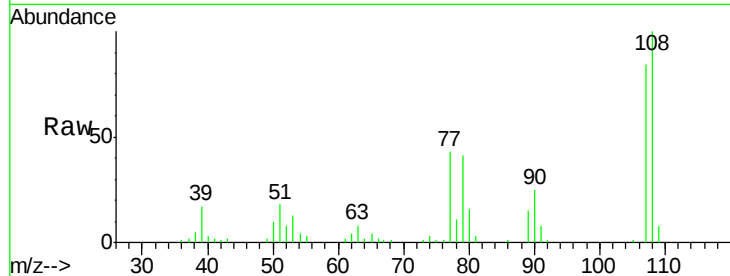




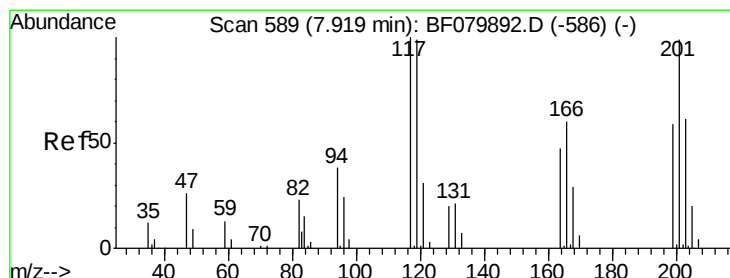
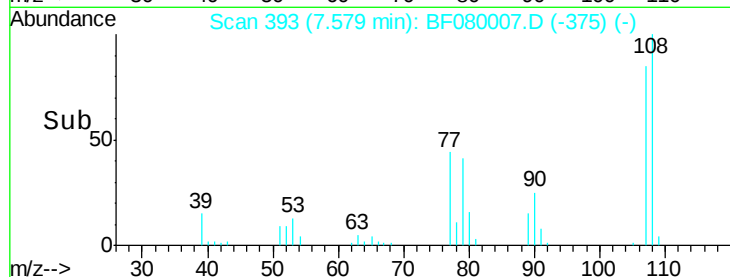
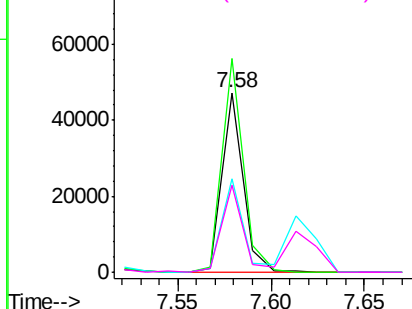
#17
2-Methylphenol
Concen: 13.84 ng
RT: 7.58 min Scan# 393
Delta R.T. 0.00 min
Lab File: BF080007.D
Acq: 17 Jun 2015 2:06

Instrument :
BNA_F
ClientSampleId :
C-2MS

Tgt Ion:107 Resp: 37768
Ion Ratio Lower Upper
107 100
108 118.8 90.8 136.2
77 51.7 35.4 53.2
79 48.5 34.7 52.1

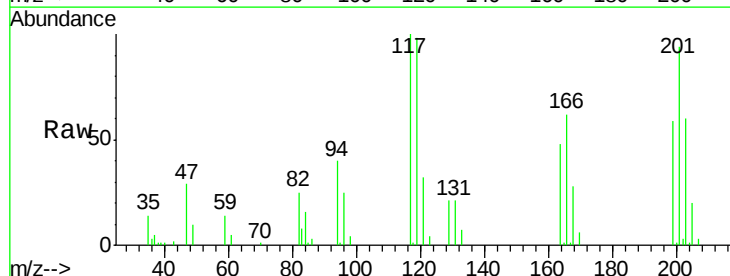


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

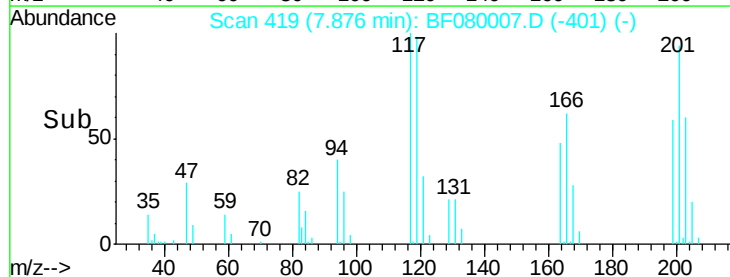
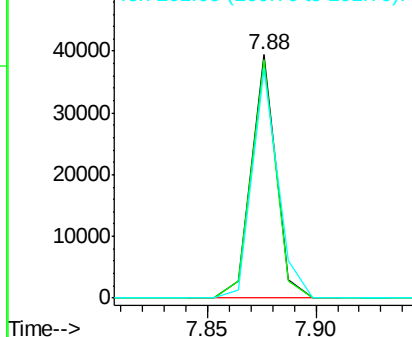


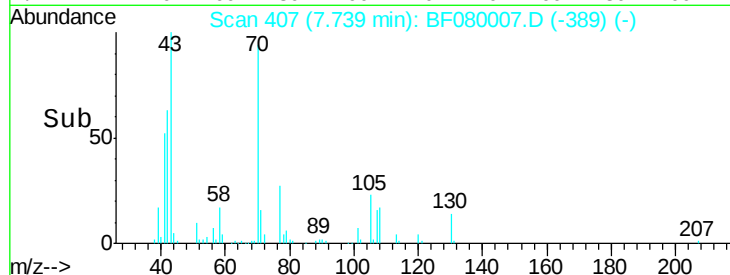
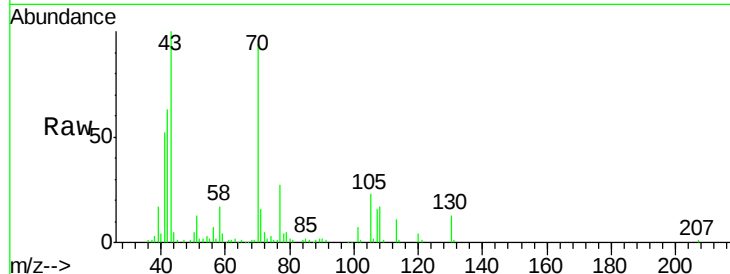
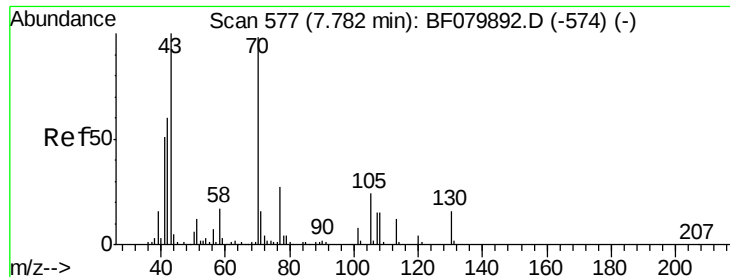
#18
Hexachloroethane
Concen: 26.45 ng
RT: 7.88 min Scan# 419
Delta R.T. 0.00 min
Lab File: BF080007.D
Acq: 17 Jun 2015 2:06

Tgt Ion:117 Resp: 30989
Ion Ratio Lower Upper
117 100
119 98.1 79.0 118.6
201 94.4 79.0 118.6



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

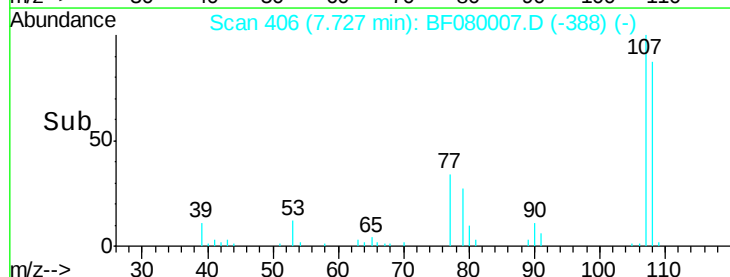
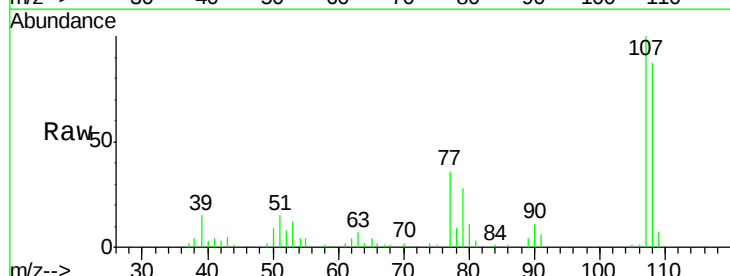
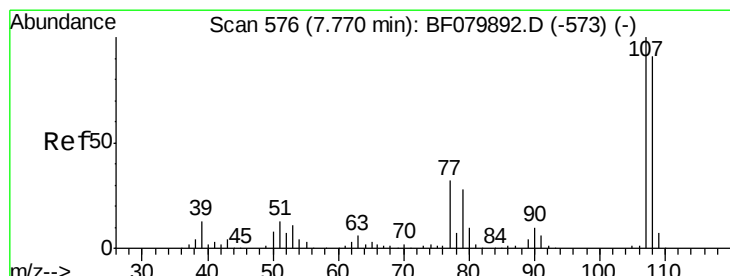
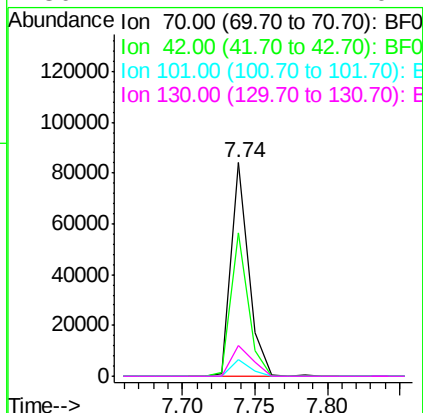




#19
n-Nitroso-di-n-propylamine
Concen: 28.23 ng
RT: 7.74 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF080007.D
Acq: 17 Jun 2015 2:06

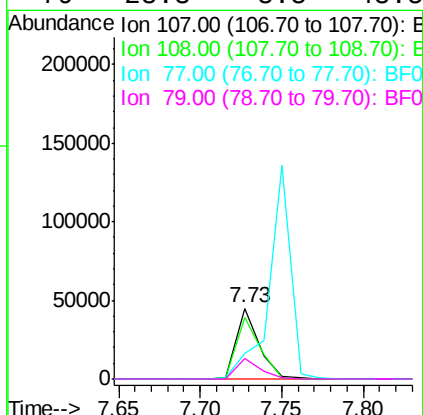
Instrument :
BNA_F
ClientSampleId :
C-2MS

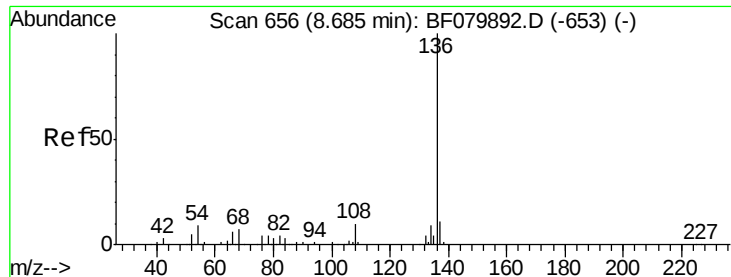
Tgt Ion:	70	Resp:	70603
Ion	Ratio	Lower	Upper
70	100		
42	66.9	49.0	73.4
101	7.7	6.6	9.8
130	14.4	12.7	19.1



#20
3+4-Methylphenols
Concen: 12.28 ng
RT: 7.73 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF080007.D
Acq: 17 Jun 2015 2:06

Tgt Ion:	107	Resp:	42813
Ion	Ratio	Lower	Upper
107	100		
108	87.4	71.1	111.1
77	35.9	12.2	52.2
79	28.3	8.5	48.5

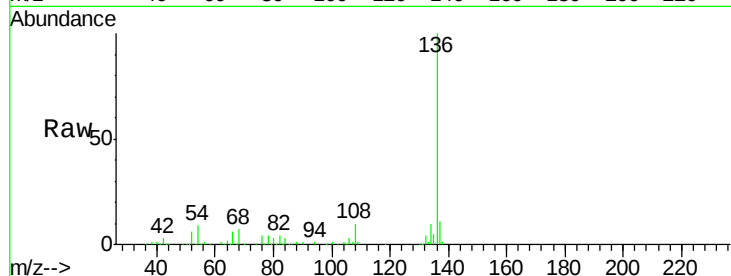




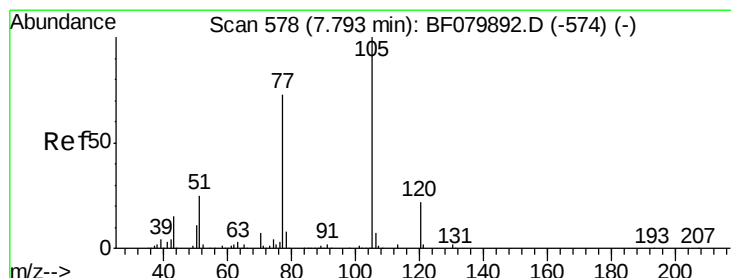
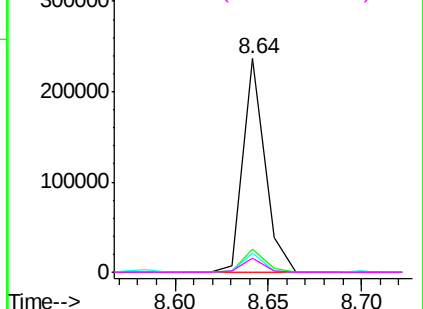
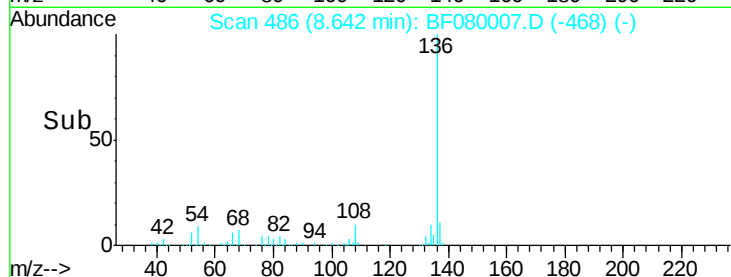
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.64 min Scan# 486
Delta R.T. 0.00 min
Lab File: BF080007.D
Acq: 17 Jun 2015 2:06

Instrument :
BNA_F
ClientSampleId :
C-2MS

Tgt Ion:	136	Resp:	193971
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	8.9	7.3	10.9
68	6.7	5.9	8.9

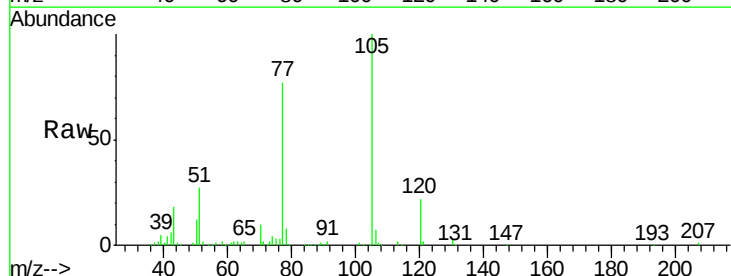


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

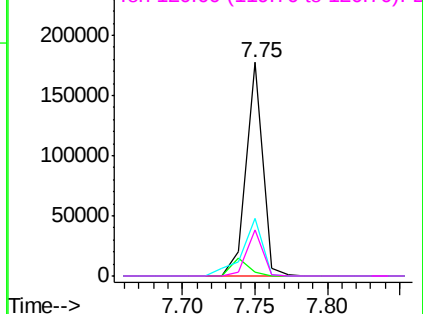
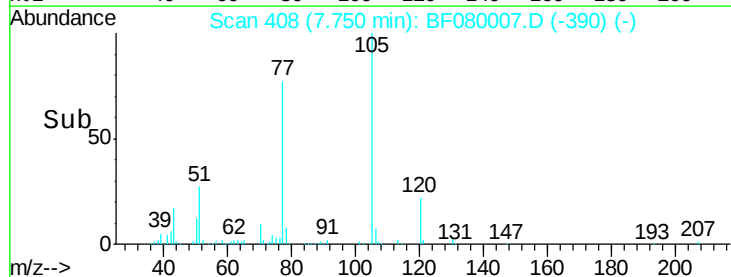


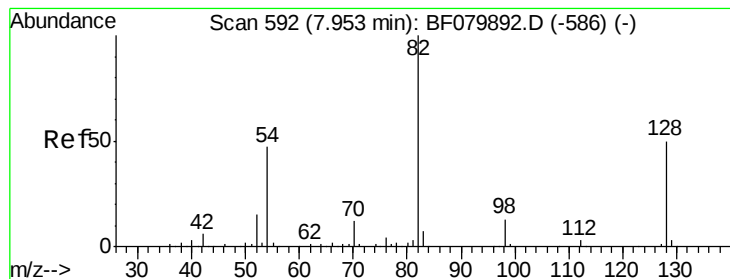
#22
Acetophenone
Concen: 30.79 ng
RT: 7.75 min Scan# 408
Delta R.T. 0.00 min
Lab File: BF080007.D
Acq: 17 Jun 2015 2:06

Tgt Ion:	105	Resp:	141071
Ion	Ratio	Lower	Upper
105	100		
71	1.6	1.0	1.4#
51	26.7	19.8	29.6
120	21.9	17.6	26.4



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: 67.45 ng

RT: 7.91 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF080007.D

Acq: 17 Jun 2015 2:06

Instrument :

BNA_F

ClientSampleId :

C-2MS

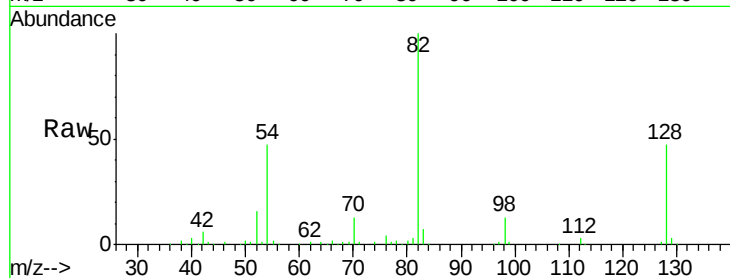
Tgt Ion: 82 Resp: 198295

Ion Ratio Lower Upper

82 100

128 46.8 40.3 60.5

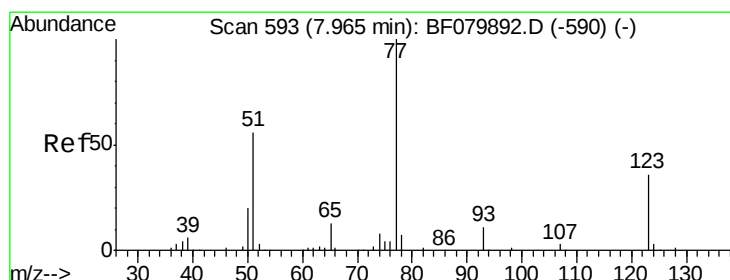
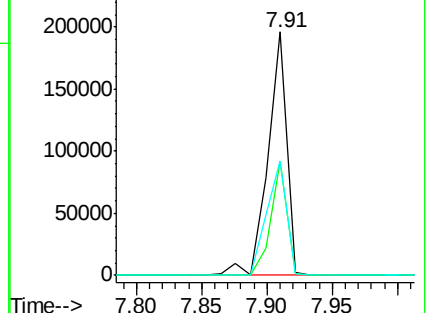
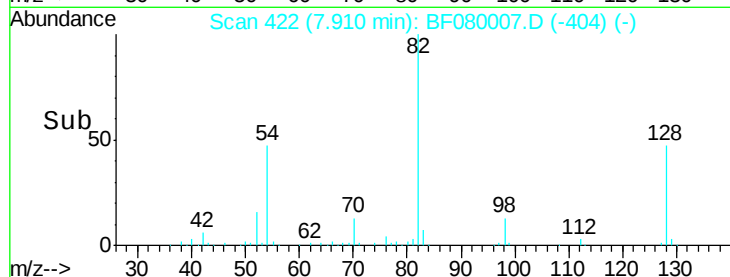
54 47.0 38.0 57.0



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: 30.86 ng

RT: 7.92 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF080007.D

Acq: 17 Jun 2015 2:06

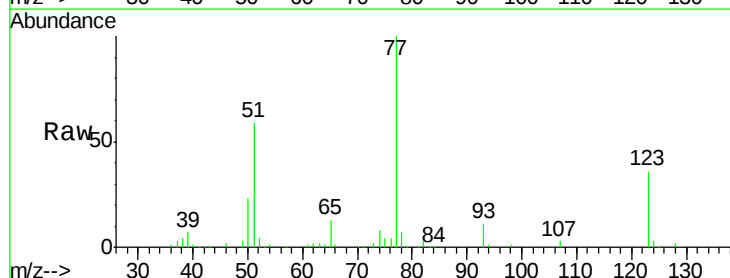
Tgt Ion: 77 Resp: 96515

Ion Ratio Lower Upper

77 100

123 36.1 28.8 43.2

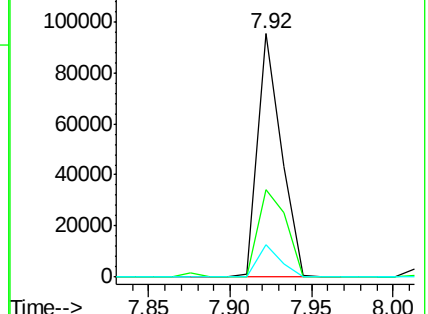
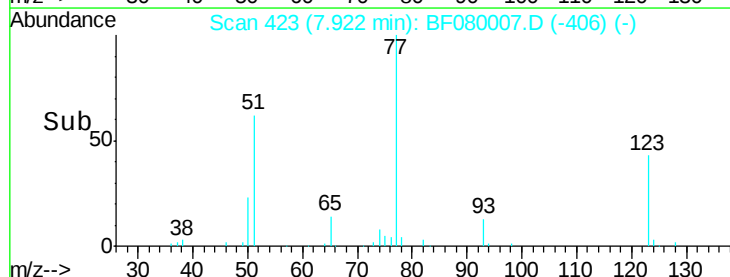
65 13.4 10.3 15.5

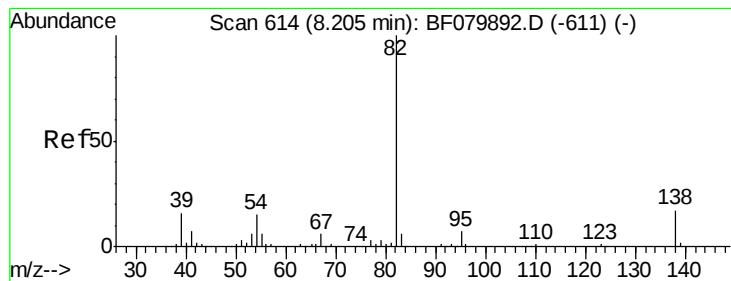


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): B

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 28.72 ng

RT: 8.16 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF080007.D

Acq: 17 Jun 2015 2:06

Instrument :

BNA_F

ClientSampleId :

C-2MS

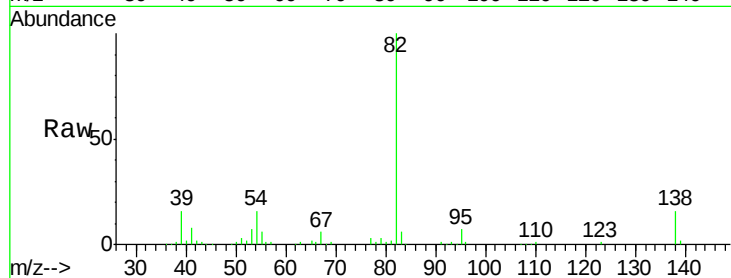
Tgt Ion: 82 Resp: 196512

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

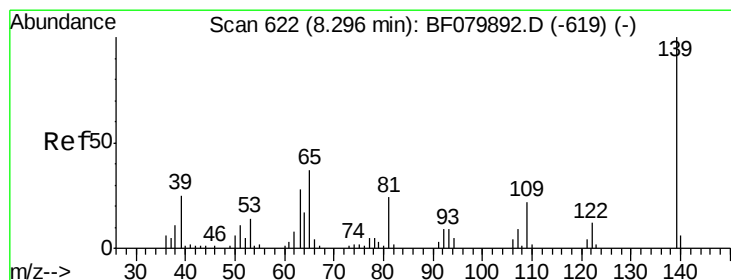
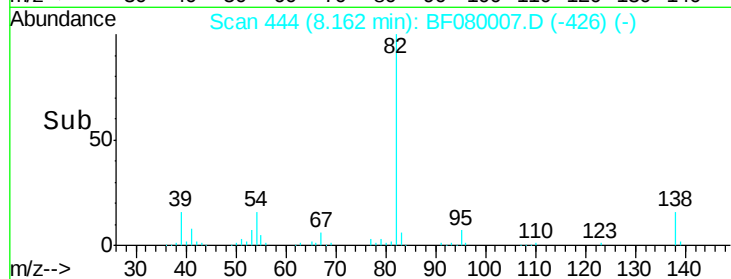
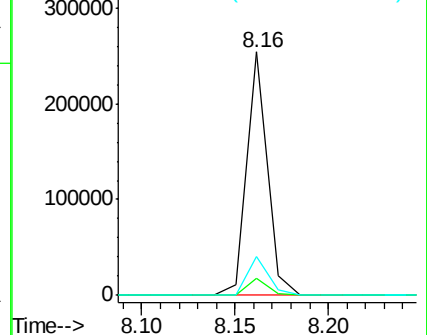
138 16.0 13.3 19.9



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 23.83 ng

RT: 8.25 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF080007.D

Acq: 17 Jun 2015 2:06

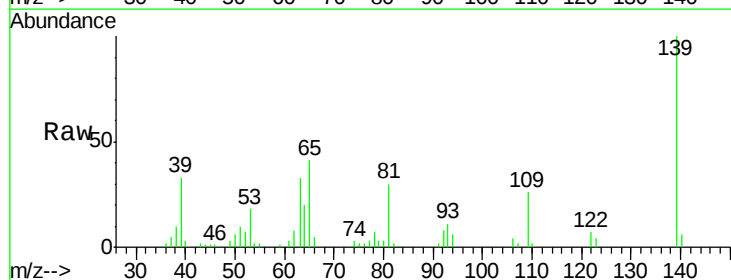
Tgt Ion: 139 Resp: 24534

Ion Ratio Lower Upper

139 100

109 26.3 17.8 26.6

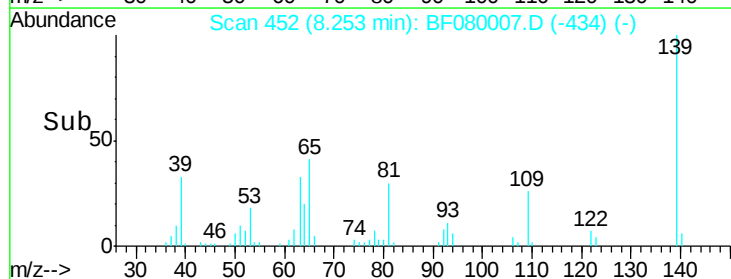
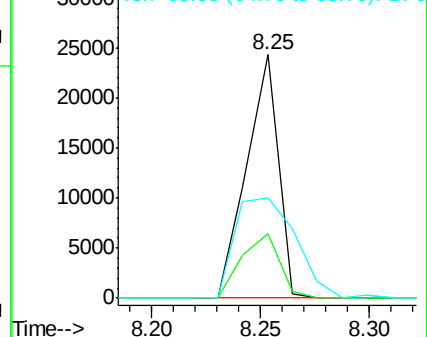
65 41.1 29.4 44.0

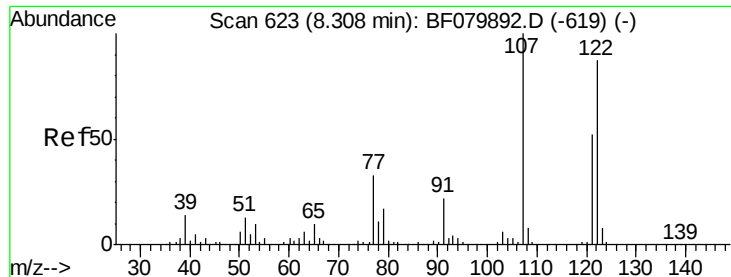


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 20.32 ng

RT: 8.26 min Scan# 453

Delta R.T. -0.01 min

Lab File: BF080007.D

Acq: 17 Jun 2015 2:06

Instrument :

BNA_F

ClientSampleId :

C-2MS

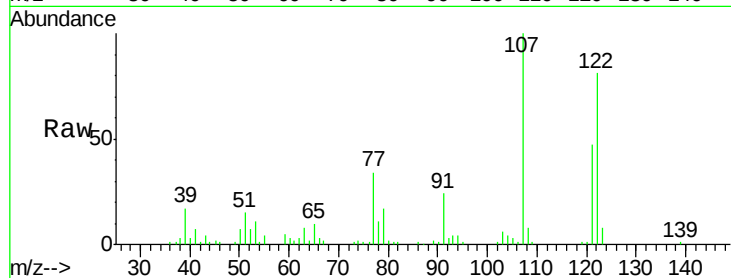
Tgt Ion:122 Resp: 62291

Ion Ratio Lower Upper

122 100

107 123.9 91.7 137.5

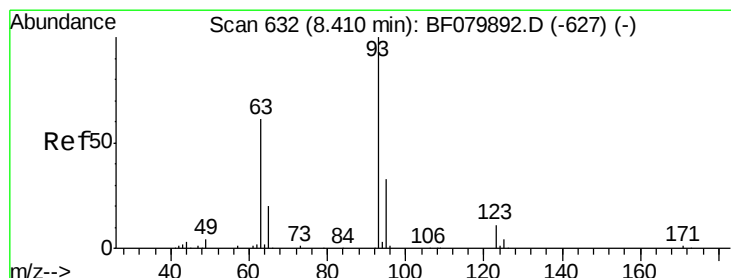
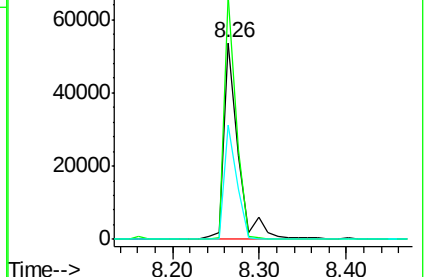
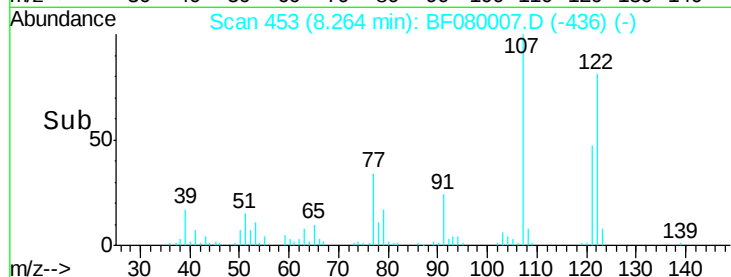
121 58.4 47.8 71.6



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: 30.44 ng

RT: 8.37 min Scan# 462

Delta R.T. 0.00 min

Lab File: BF080007.D

Acq: 17 Jun 2015 2:06

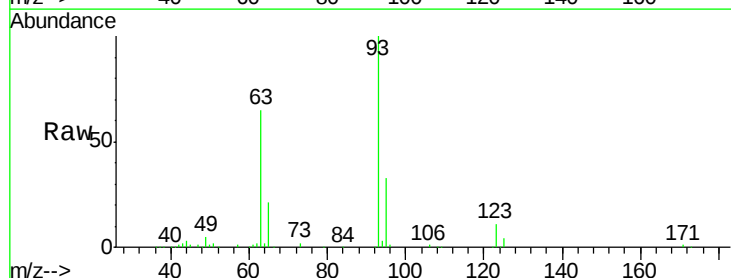
Tgt Ion: 93 Resp: 123649

Ion Ratio Lower Upper

93 100

95 33.2 26.1 39.1

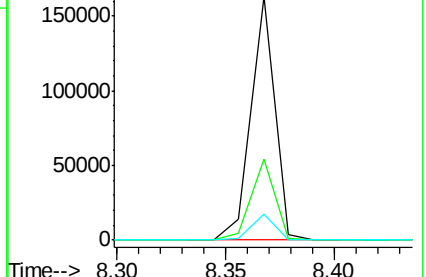
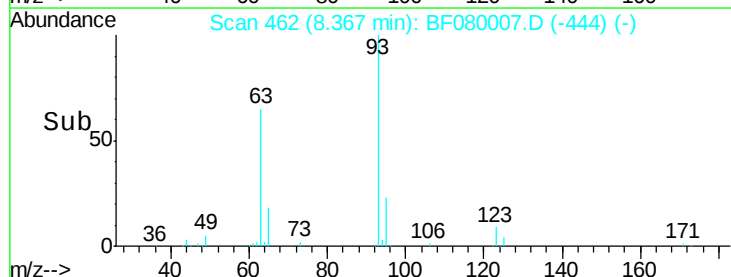
123 10.6 8.9 13.3

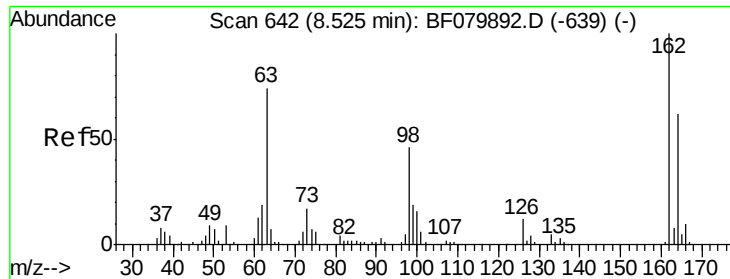


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

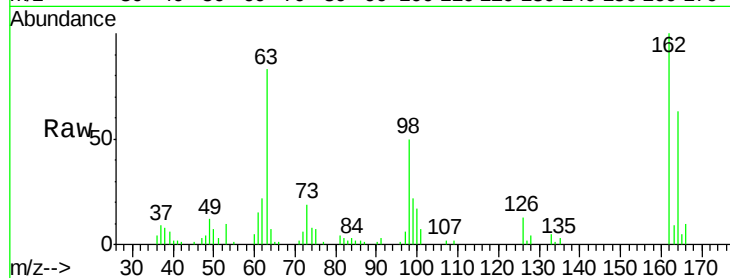




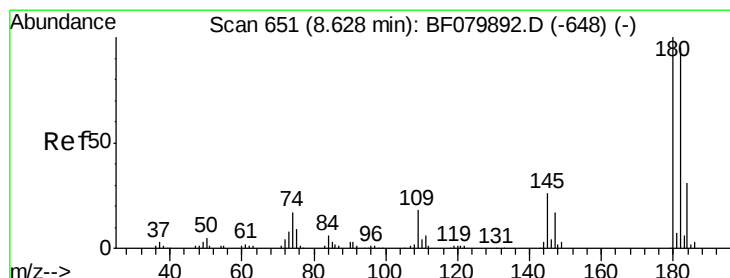
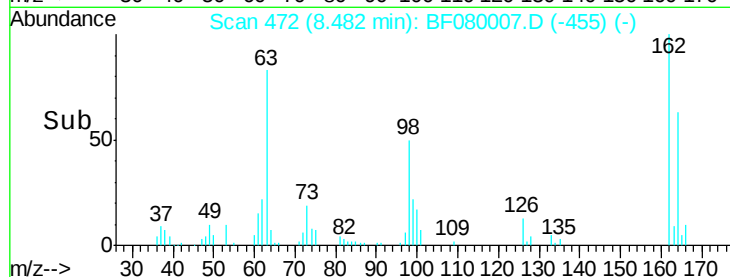
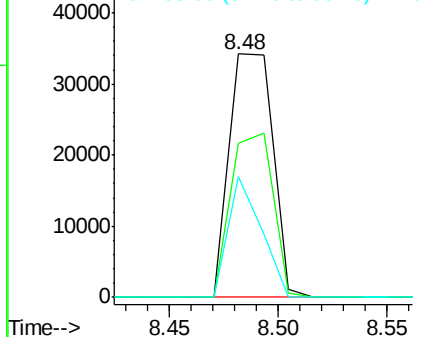
#29
 2,4-Dichlorophenol
 Concen: 18.57 ng
 RT: 8.48 min Scan# 472
 Delta R.T. -0.01 min
 Lab File: BF080007.D
 Acq: 17 Jun 2015 2:06

Instrument :
 BNA_F
 ClientSampleId :
 C-2MS

Tgt Ion:162 Resp: 47695
 Ion Ratio Lower Upper
 162 100
 164 63.0 42.2 82.2
 98 49.7 26.0 66.0

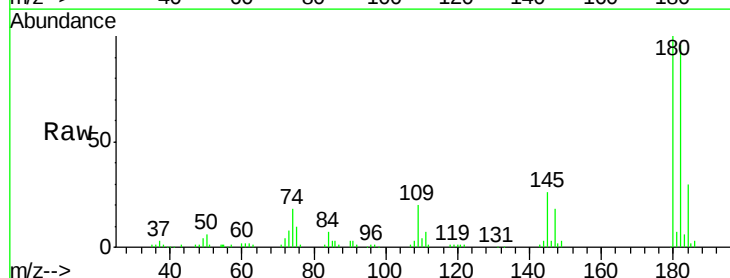


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

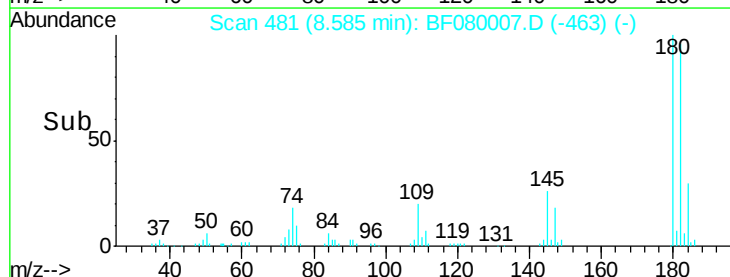
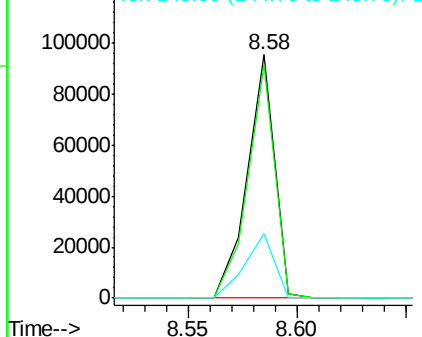


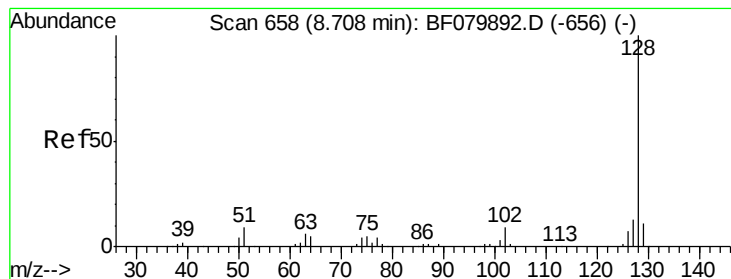
#30
 1,2,4-Trichlorobenzene
 Concen: 25.41 ng
 RT: 8.58 min Scan# 481
 Delta R.T. 0.00 min
 Lab File: BF080007.D
 Acq: 17 Jun 2015 2:06

Tgt Ion:180 Resp: 82934
 Ion Ratio Lower Upper
 180 100
 182 96.0 75.7 113.5
 145 26.3 21.1 31.7



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: 27.32 ng

RT: 8.66 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF080007.D

Acq: 17 Jun 2015 2:06

Instrument :

BNA_F

ClientSampleId :

C-2MS

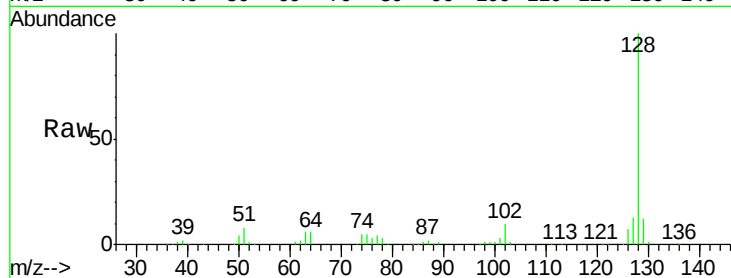
Tgt Ion:128 Resp: 289643

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

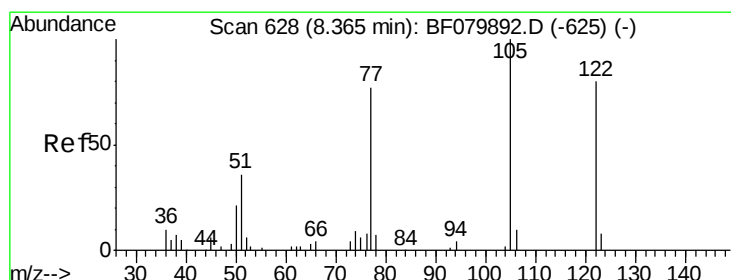
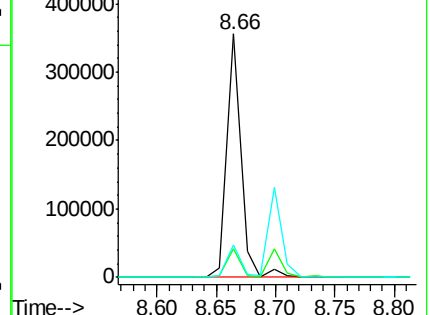
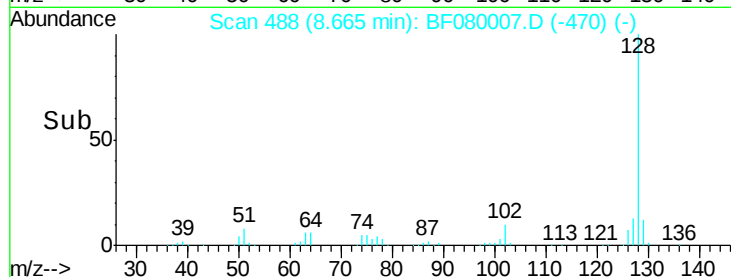
127 13.2 10.5 15.7



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: 51.31 ng

RT: 8.26 min Scan# 453

Delta R.T. -0.07 min

Lab File: BF080007.D

Acq: 17 Jun 2015 2:06

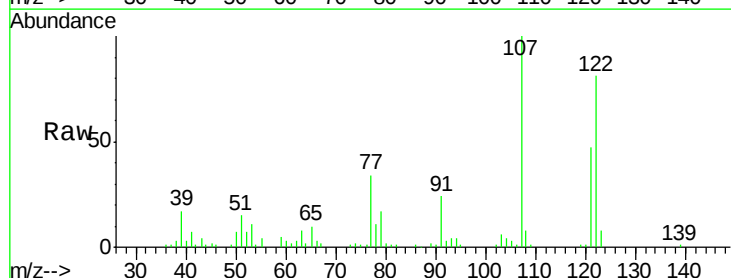
Tgt Ion:122 Resp: 62291

Ion Ratio Lower Upper

122 100

105 3.8 102.7 142.7#

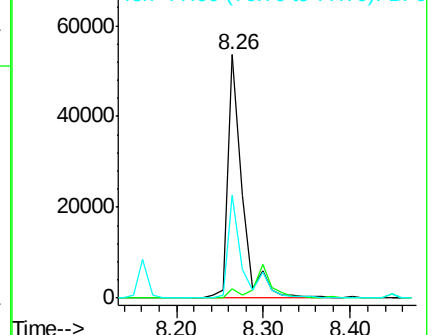
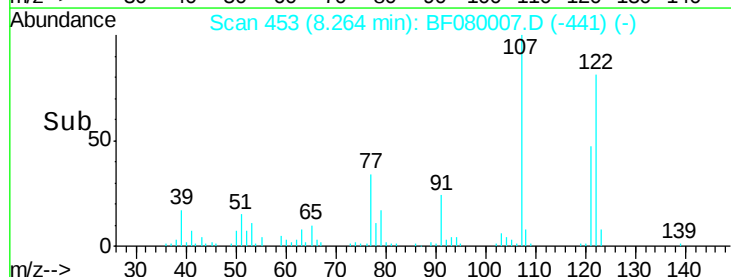
77 42.2 77.1 117.1#

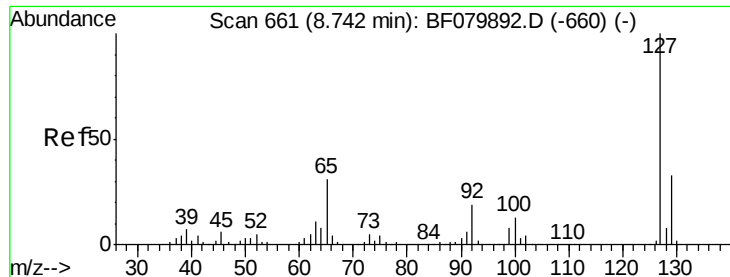


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

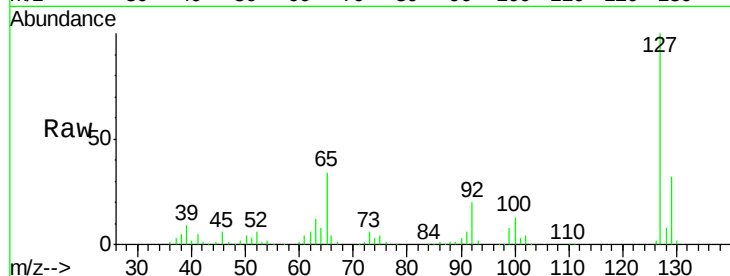




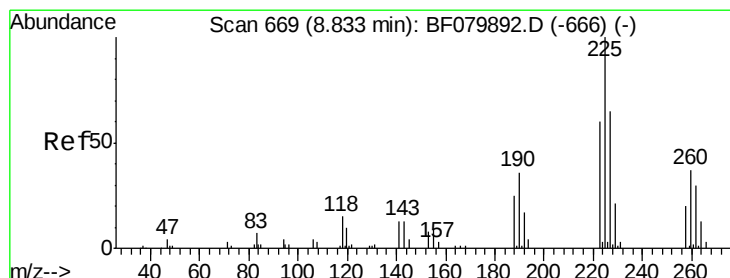
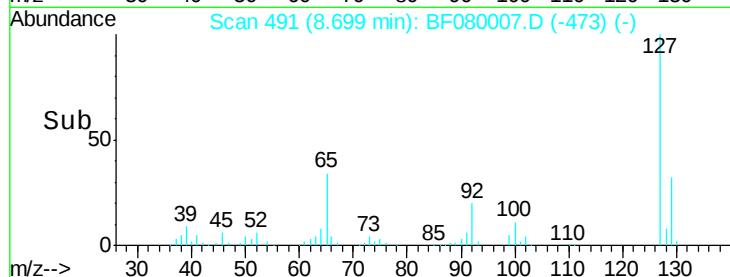
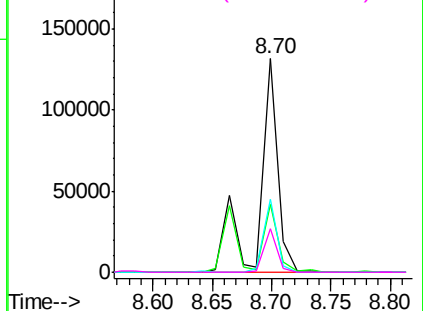
#33
4-Chloroaniline
Concen: 34.95 ng
RT: 8.70 min Scan# 491
Delta R.T. 0.00 min
Lab File: BF080007.D
Acq: 17 Jun 2015 2:06

Instrument :
BNA_F
ClientSampleId :
C-2MS

Tgt Ion:	127	Resp:	143854
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.1	39.1
65	34.2	25.5	38.3
92	20.1	15.7	23.5

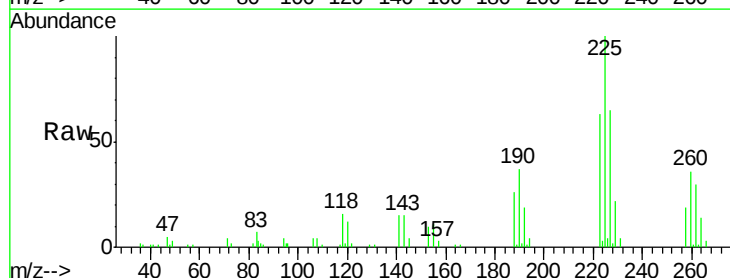


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

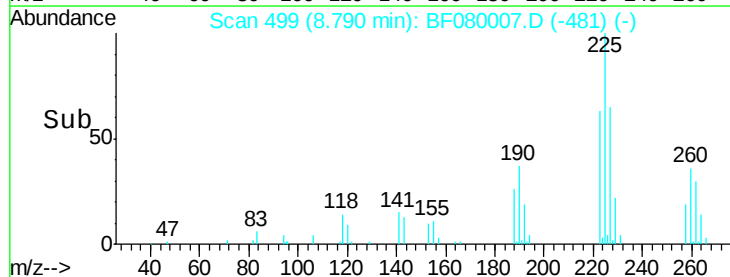
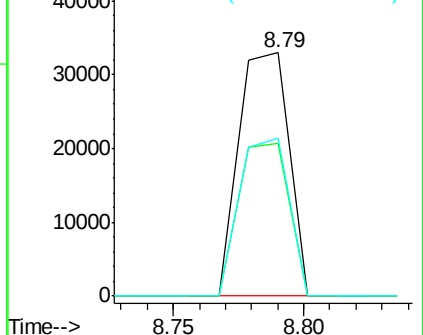


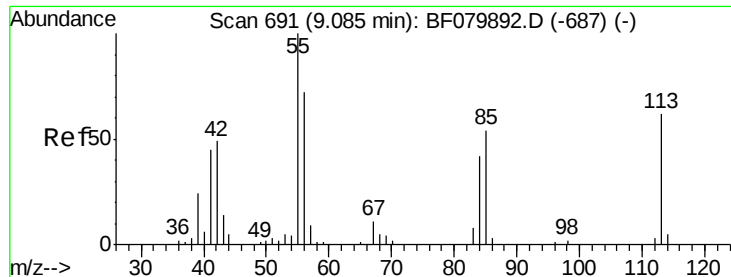
#34
Hexachlorobutadiene
Concen: 24.61 ng
RT: 8.79 min Scan# 499
Delta R.T. 0.00 min
Lab File: BF080007.D
Acq: 17 Jun 2015 2:06

Tgt Ion:	225	Resp:	44599
Ion	Ratio	Lower	Upper
225	100		
223	62.9	47.8	71.6
227	65.1	52.0	78.0



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

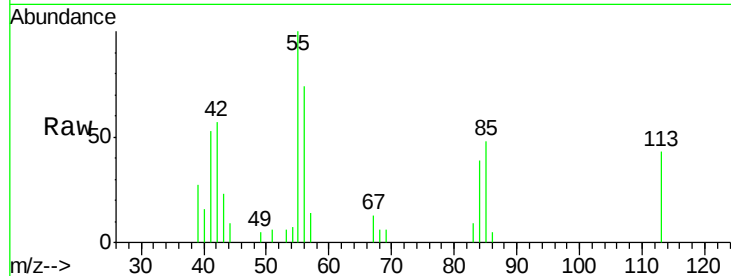




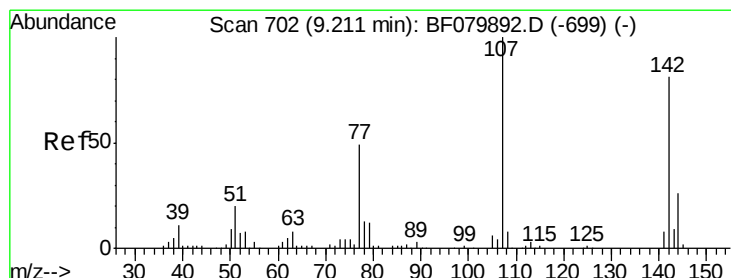
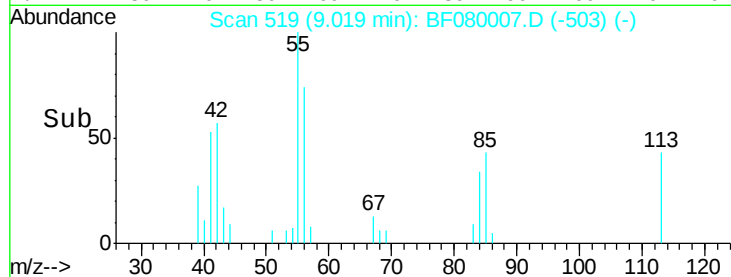
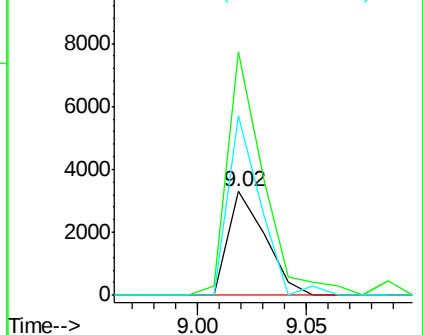
#35
 Caprolactam
 Concen: 4.80 ng
 RT: 9.02 min Scan# 519
 Delta R.T. -0.02 min
 Lab File: BF080007.D
 Acq: 17 Jun 2015 2:06

Instrument :
 BNA_F
 ClientSampleId :
 C-2MS

Tgt Ion:113 Resp: 3897
 Ion Ratio Lower Upper
 113 100
 55 234.7 141.4 181.4#
 56 173.5 95.9 135.9#

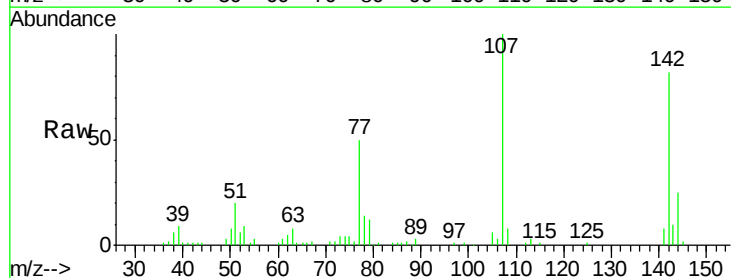


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

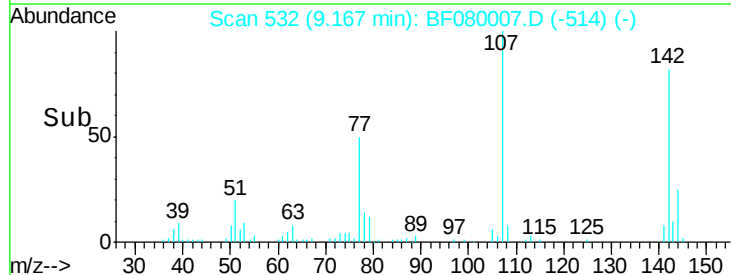
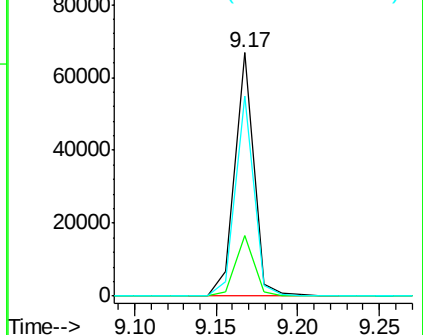


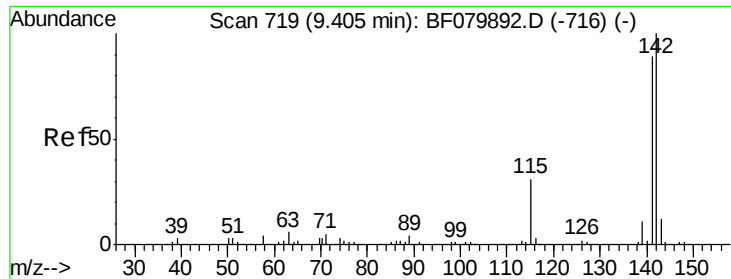
#36
 4-Chloro-3-methylphenol
 Concen: 18.19 ng
 RT: 9.17 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: BF080007.D
 Acq: 17 Jun 2015 2:06

Tgt Ion:107 Resp: 53351
 Ion Ratio Lower Upper
 107 100
 144 25.0 21.0 31.6
 142 82.2 64.5 96.7



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

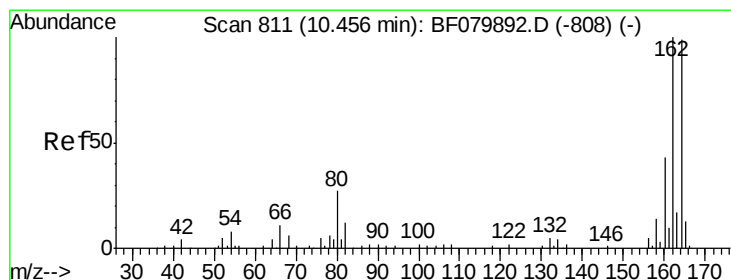
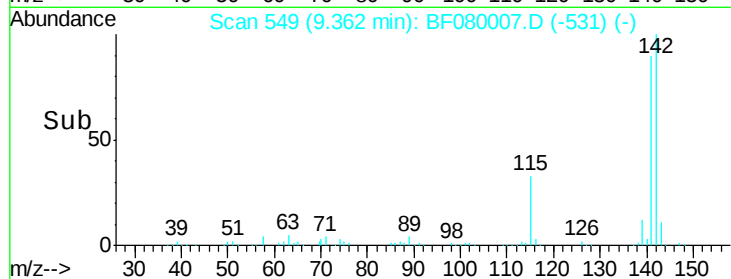
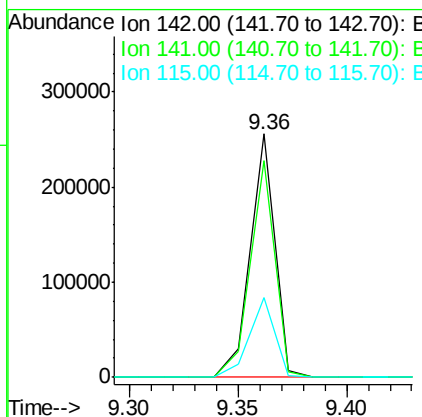
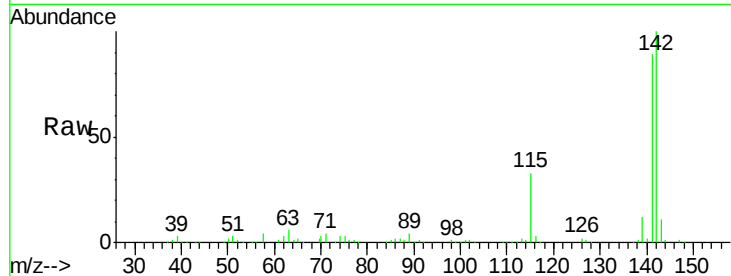




#37
 2-Methylnaphthalene
 Concen: 28.07 ng
 RT: 9.36 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF080007.D
 Acq: 17 Jun 2015 2:06

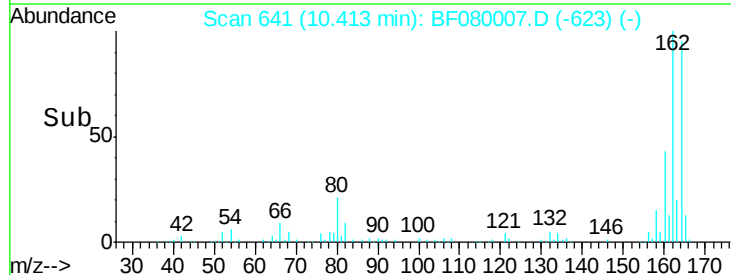
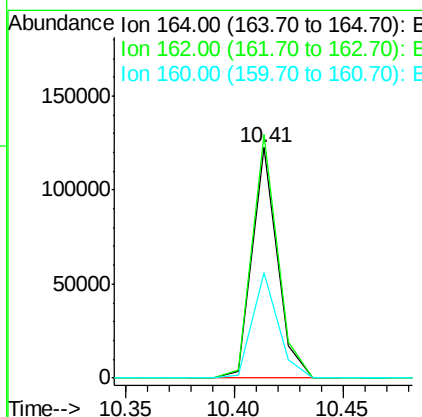
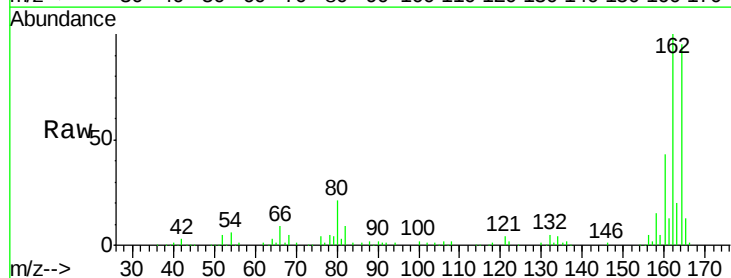
Instrument :
 BNA_F
 ClientSampleId :
 C-2MS

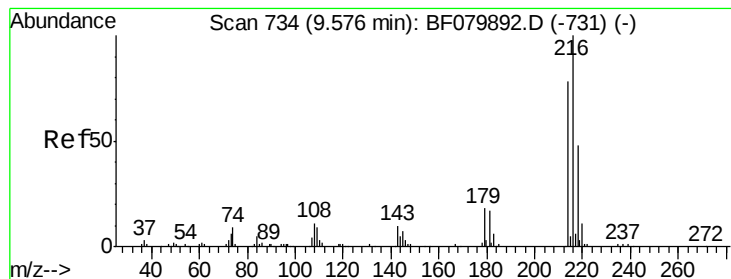
Tgt Ion:142 Resp: 201053
 Ion Ratio Lower Upper
 142 100
 141 89.2 70.9 106.3
 115 32.8 25.0 37.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.41 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF080007.D
 Acq: 17 Jun 2015 2:06

Tgt Ion:164 Resp: 98405
 Ion Ratio Lower Upper
 164 100
 162 105.6 80.7 121.1
 160 45.8 34.6 51.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 25.86 ng

RT: 9.53 min Scan# 564

Delta R.T. 0.00 min

Lab File: BF080007.D

Acq: 17 Jun 2015 2:06

Instrument :

BNA_F

ClientSampleId :

C-2MS

Tgt Ion:216 Resp: 85212

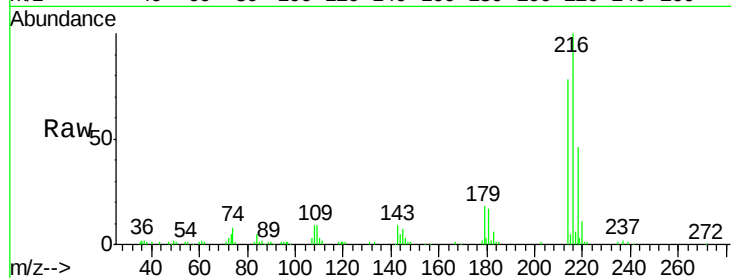
Ion Ratio Lower Upper

216 100

214 79.3 63.5 95.3

179 20.7 15.8 23.8

108 19.1 13.7 20.5

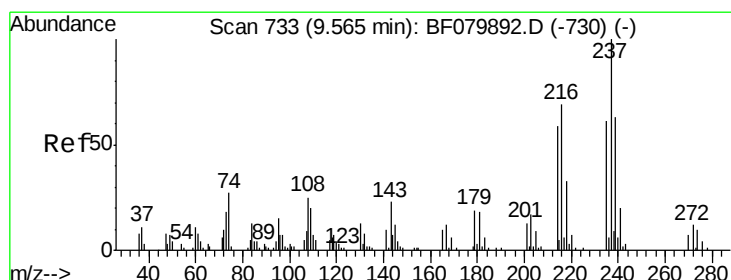
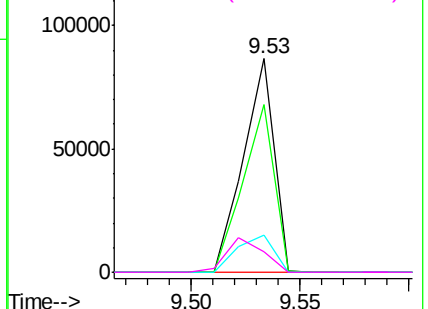
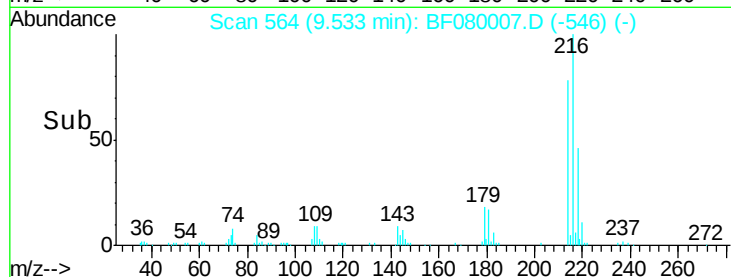


Abundance Ion 216.00 (215.70 to 216.70): E

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: 60.72 ng

RT: 9.52 min Scan# 563

Delta R.T. 0.00 min

Lab File: BF080007.D

Acq: 17 Jun 2015 2:06

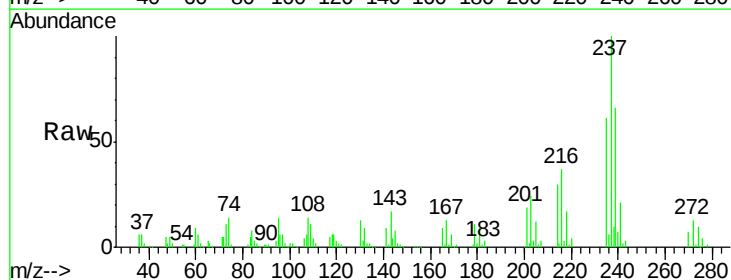
Tgt Ion:237 Resp: 78905

Ion Ratio Lower Upper

237 100

235 61.4 41.3 81.3

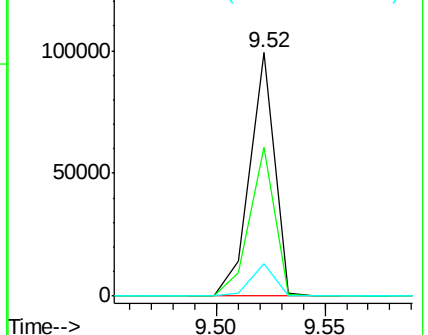
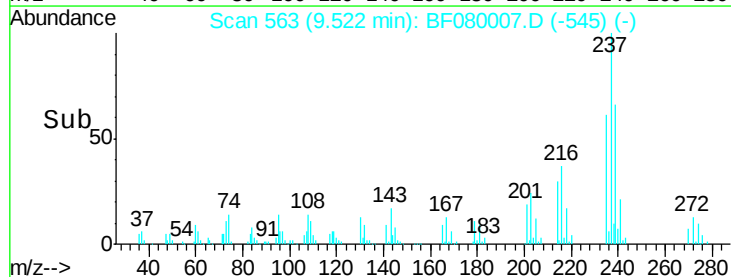
272 13.1 0.0 32.2

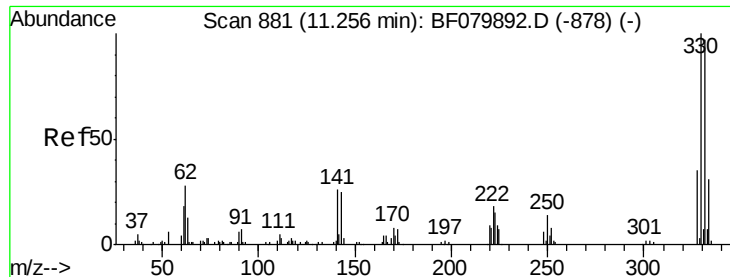


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

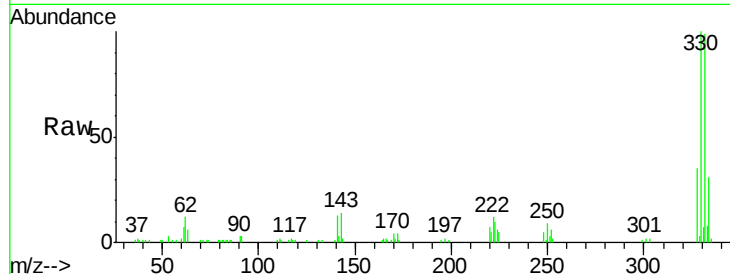




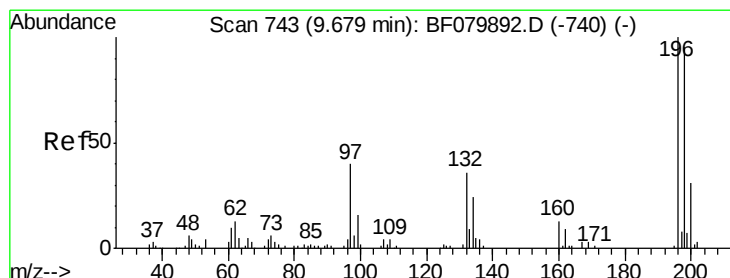
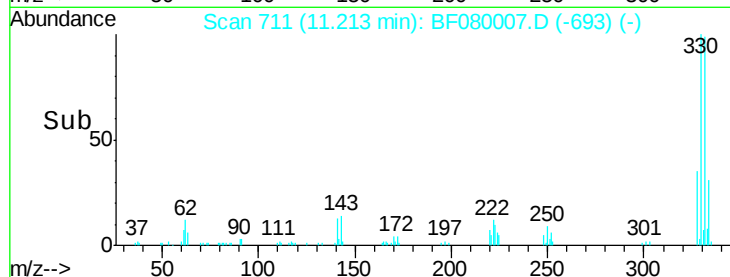
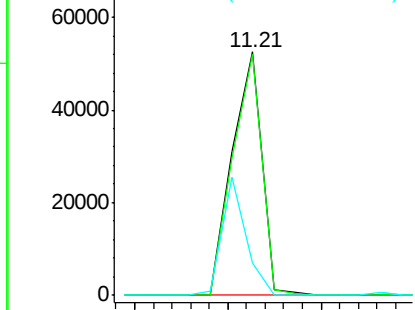
#41
 2,4,6-Tribromophenol
 Concen: 60.65 ng
 RT: 11.21 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF080007.D
 Acq: 17 Jun 2015 2:06

Instrument :
 BNA_F
 ClientSampleId :
 C-2MS

Tgt Ion:330 Resp: 58502
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.3 115.9
 141 39.0 26.8 40.2

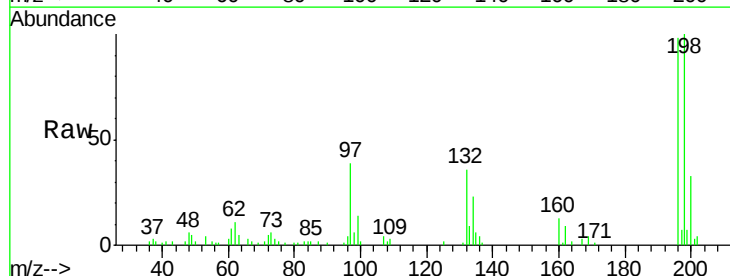


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

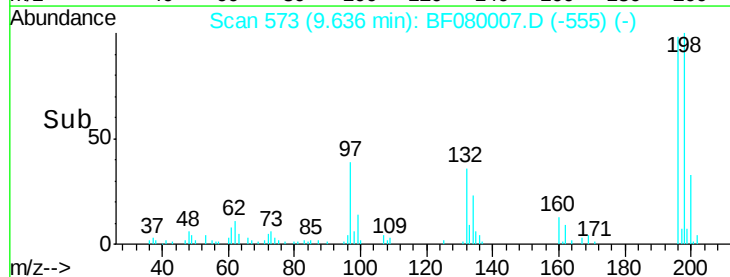
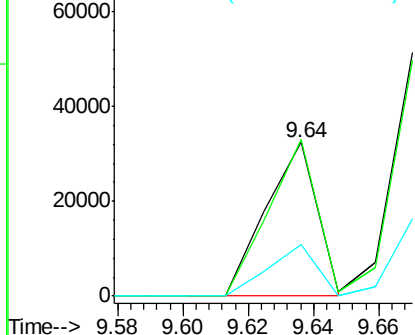


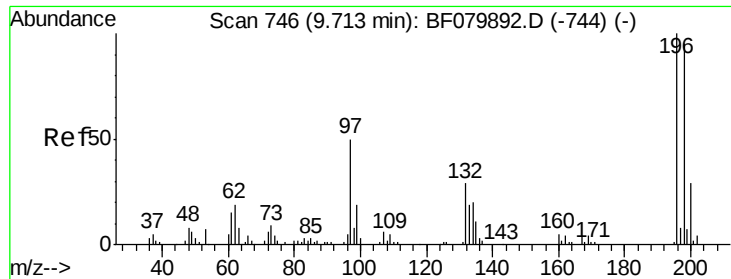
#42
 2,4,6-Trichlorophenol
 Concen: 17.31 ng
 RT: 9.64 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: BF080007.D
 Acq: 17 Jun 2015 2:06

Tgt Ion:196 Resp: 35141
 Ion Ratio Lower Upper
 196 100
 198 101.5 76.0 114.0
 200 33.1 24.9 37.3



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

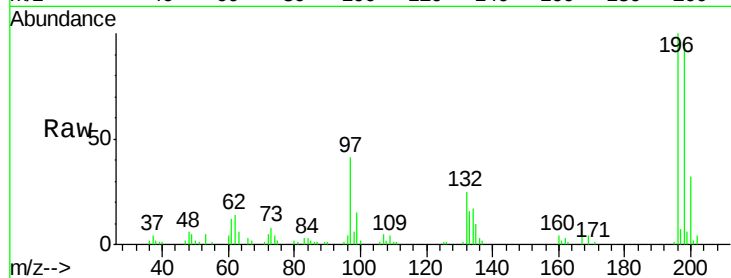




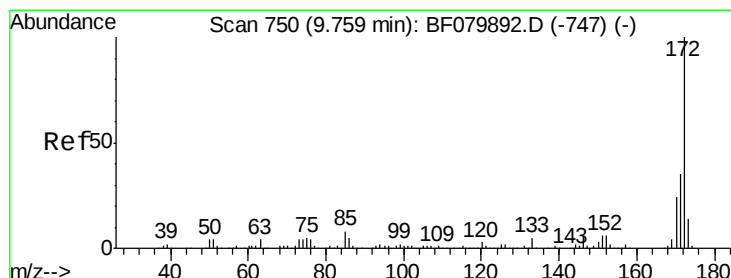
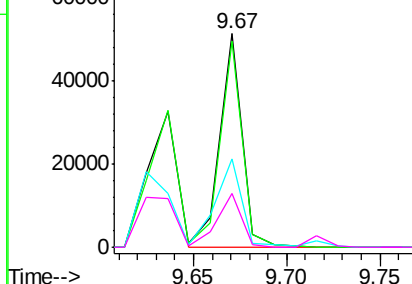
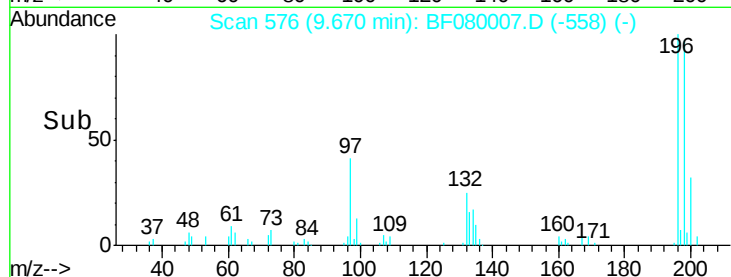
#43
 2,4,5-Trichlorophenol
 Concen: 19.18 ng
 RT: 9.67 min Scan# 576
 Delta R.T. 0.00 min
 Lab File: BF080007.D
 Acq: 17 Jun 2015 2:06

Instrument :
 BNA_F
 ClientSampleId :
 C-2MS

Tgt Ion:	196	Resp:	42997
Ion	Ratio	Lower	Upper
196	100		
198	96.7	76.0	114.0
97	41.1	39.4	59.2
132	25.2	23.6	35.4

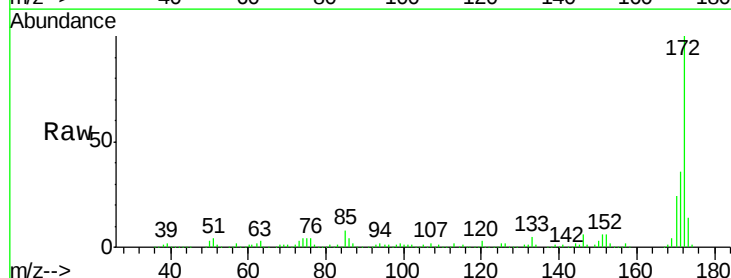


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

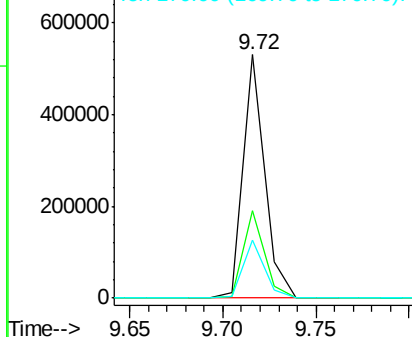
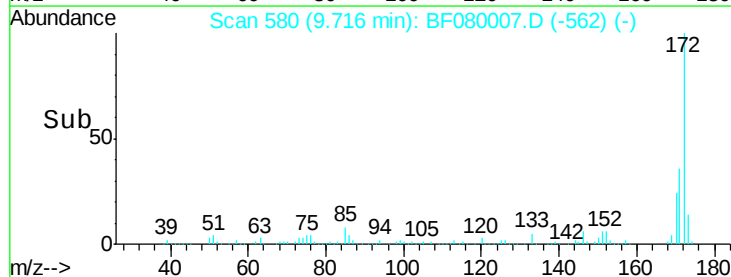


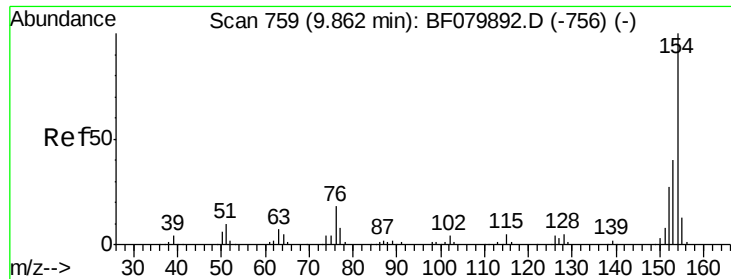
#44
 2-Fluorobiphenyl
 Concen: 60.93 ng
 RT: 9.72 min Scan# 580
 Delta R.T. 0.00 min
 Lab File: BF080007.D
 Acq: 17 Jun 2015 2:06

Tgt Ion:	172	Resp:	428171
Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.3	42.5
170	24.0	19.0	28.4



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

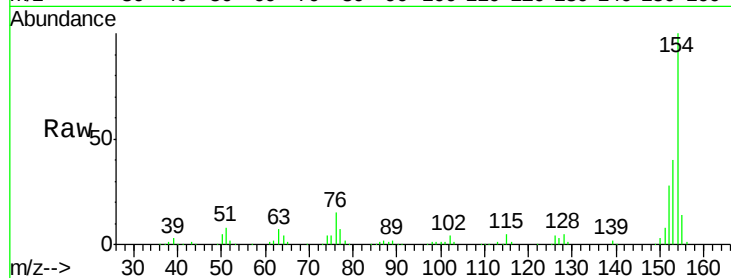




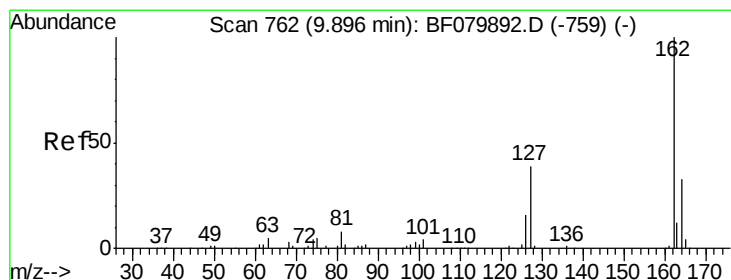
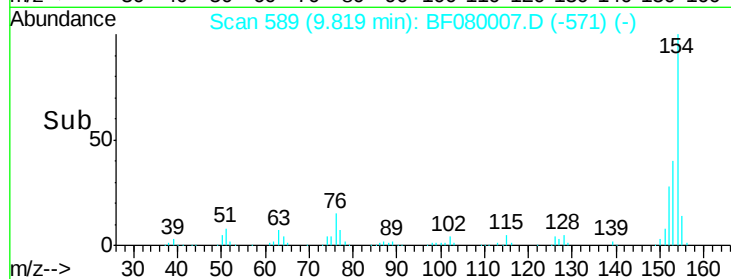
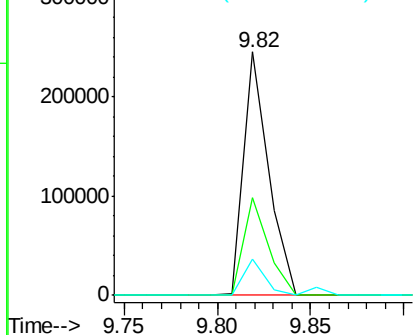
#45
 1,1'-Biphenyl
 Concen: 28.69 ng
 RT: 9.82 min Scan# 589
 Delta R.T. 0.00 min
 Lab File: BF080007.D
 Acq: 17 Jun 2015 2:06

Instrument :
 BNA_F
 ClientSampleId :
 C-2MS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.1	60.1
76	14.7	0.0	38.4

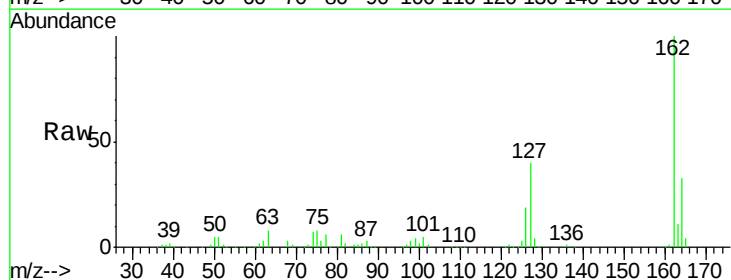


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

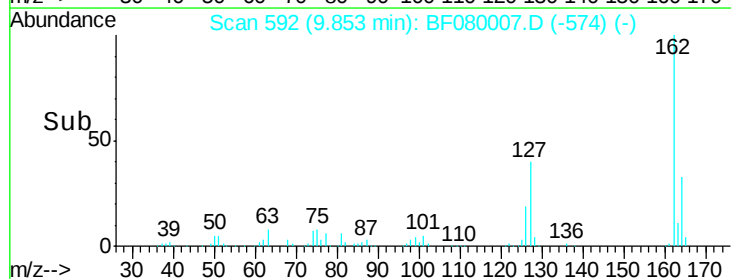
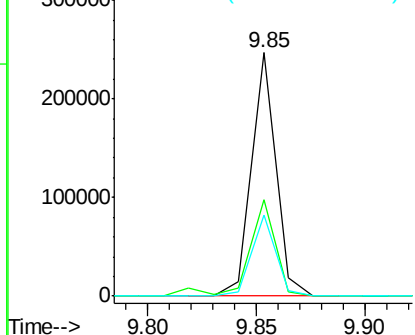


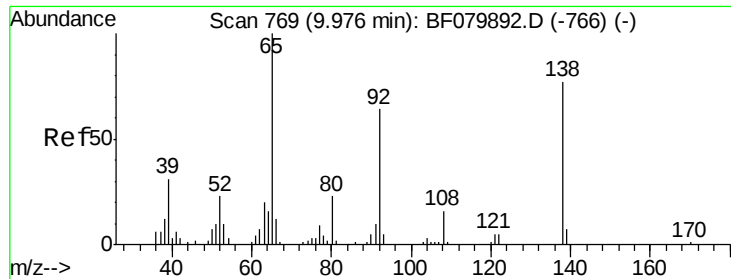
#46
 2-Chloronaphthalene
 Concen: 28.25 ng
 RT: 9.85 min Scan# 592
 Delta R.T. 0.00 min
 Lab File: BF080007.D
 Acq: 17 Jun 2015 2:06

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.6	33.1	49.7
164	33.2	26.2	39.4



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

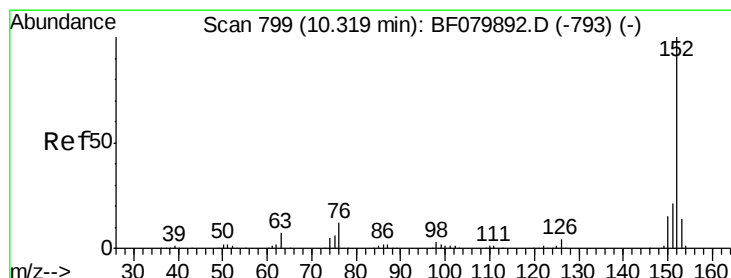
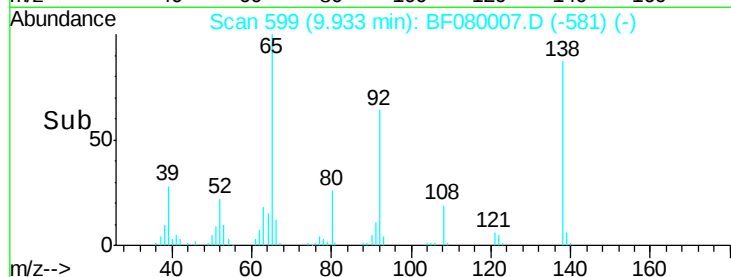
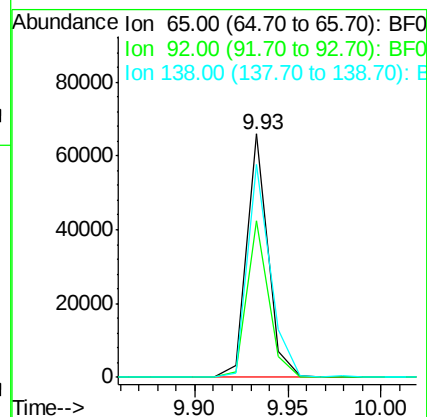
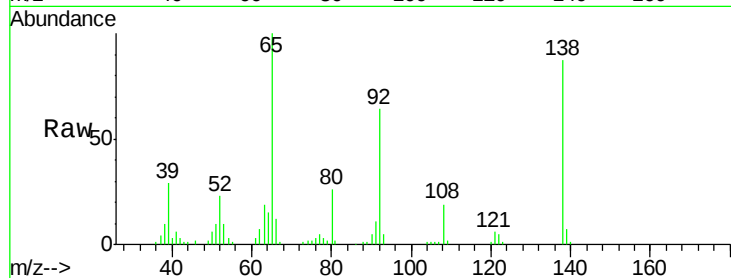




#47
2-Nitroaniline
Concen: 37.17 ng
RT: 9.93 min Scan# 599
Delta R.T. 0.00 min
Lab File: BF080007.D
Acq: 17 Jun 2015 2:06

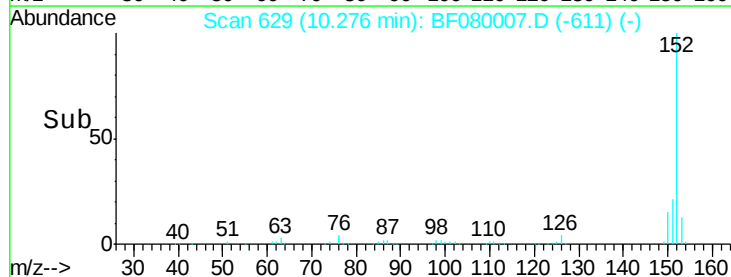
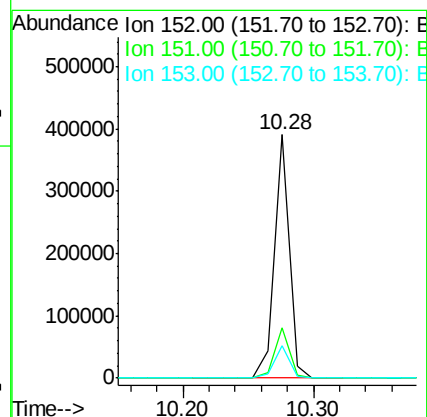
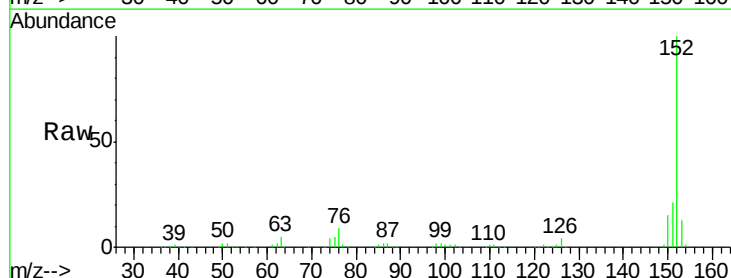
Instrument :
BNA_F
ClientSampleId :
C-2MS

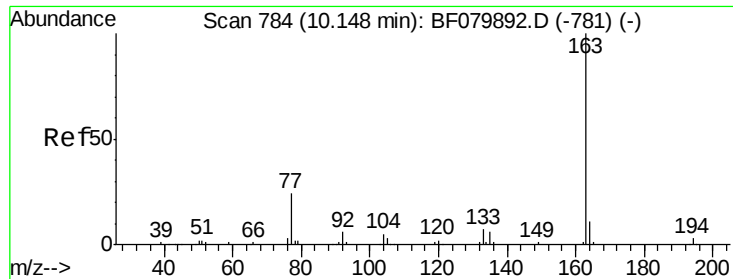
Tgt Ion: 65 Resp: 52588
Ion Ratio Lower Upper
65 100
92 64.3 51.1 76.7
138 87.4 62.0 93.0



#48
Acenaphthylene
Concen: 27.38 ng
RT: 10.28 min Scan# 629
Delta R.T. 0.00 min
Lab File: BF080007.D
Acq: 17 Jun 2015 2:06

Tgt Ion: 152 Resp: 313402
Ion Ratio Lower Upper
152 100
151 20.6 16.8 25.2
153 13.2 10.8 16.2

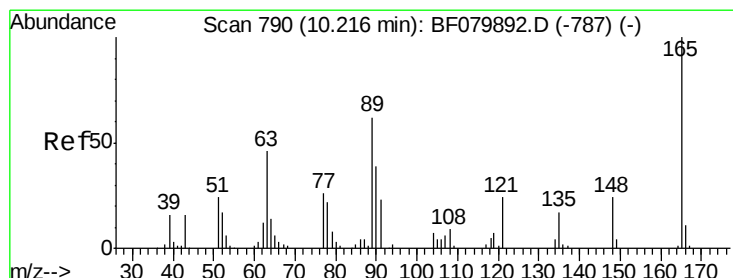
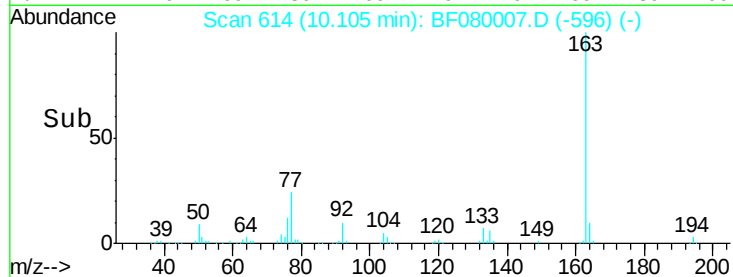
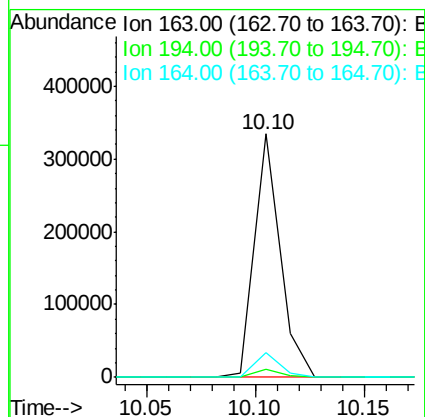
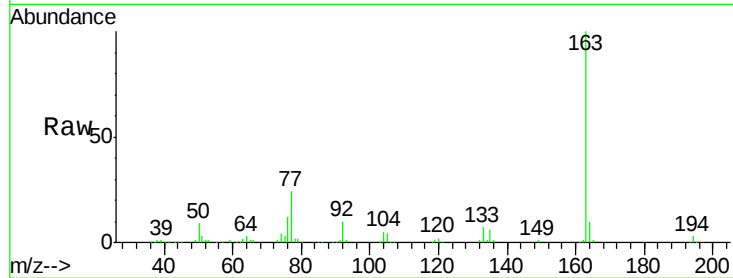




#49
Dimethylphthalate
Concen: 34.89 ng
RT: 10.10 min Scan# 614
Delta R.T. 0.00 min
Lab File: BF080007.D
Acq: 17 Jun 2015 2:06

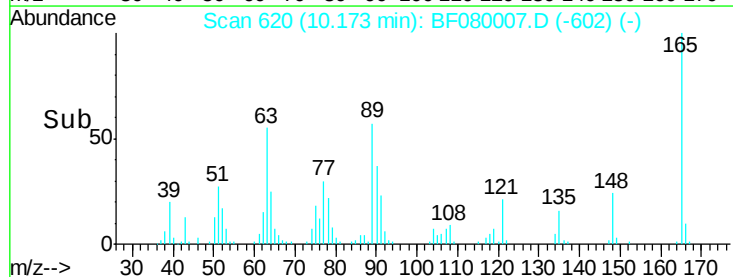
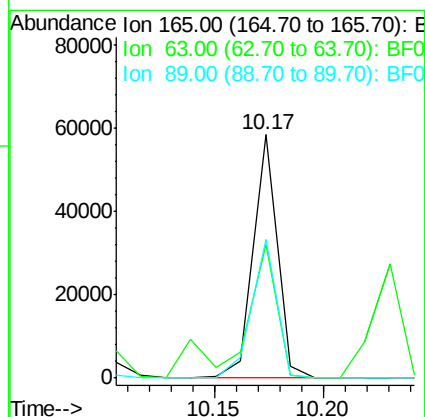
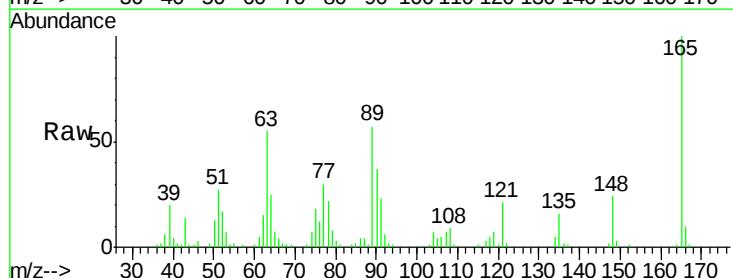
Instrument :
BNA_F
ClientSampleId :
C-2MS

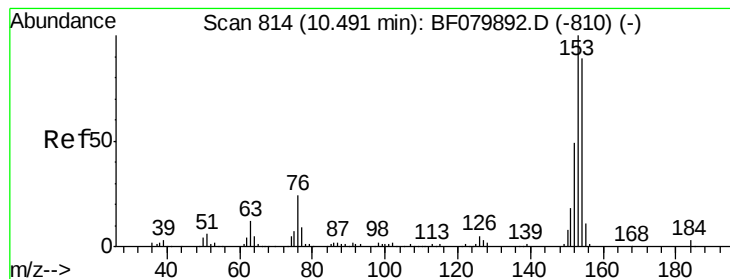
Tgt Ion:163 Resp: 275090
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.4 8.6 12.8



#50
2,6-Dinitrotoluene
Concen: 32.39 ng
RT: 10.17 min Scan# 620
Delta R.T. 0.00 min
Lab File: BF080007.D
Acq: 17 Jun 2015 2:06

Tgt Ion:165 Resp: 45137
Ion Ratio Lower Upper
165 100
63 54.6 46.4 69.6
89 57.0 49.6 74.4





#51

Acenaphthene

Concen: 29.37 ng

RT: 10.45 min Scan# 644

Delta R.T. 0.00 min

Lab File: BF080007.D

Acq: 17 Jun 2015 2:06

Instrument :

BNA_F

ClientSampleId :

C-2MS

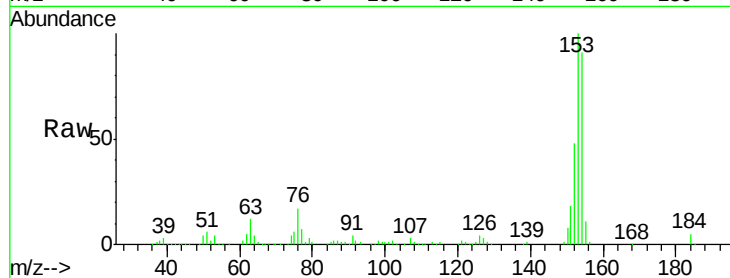
Tgt Ion:154 Resp: 191081

Ion Ratio Lower Upper

154 100

153 109.7 90.0 135.0

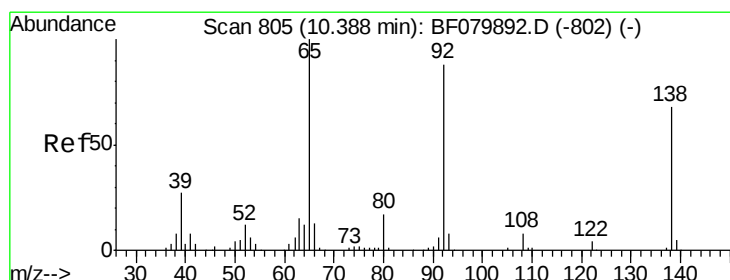
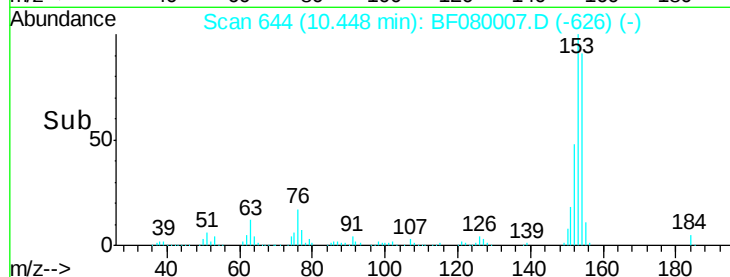
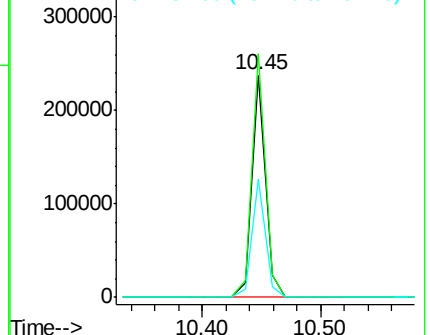
152 53.0 43.7 65.5



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: 29.01 ng

RT: 10.34 min Scan# 635

Delta R.T. 0.00 min

Lab File: BF080007.D

Acq: 17 Jun 2015 2:06

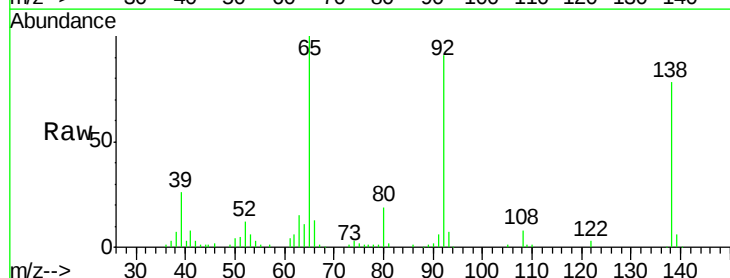
Tgt Ion:138 Resp: 48688

Ion Ratio Lower Upper

138 100

108 10.5 9.0 13.6

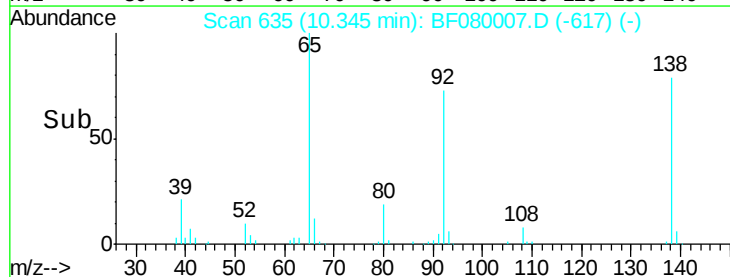
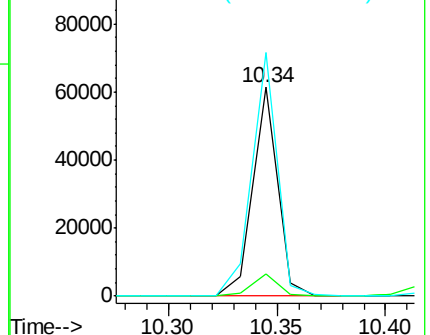
92 116.6 103.1 154.7

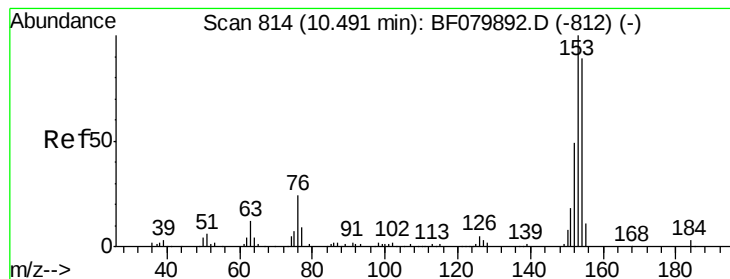


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 59.77 ng

RT: 10.45 min Scan# 644

Delta R.T. 0.00 min

Lab File: BF080007.D

Acq: 17 Jun 2015 2:06

Instrument :

BNA_F

ClientSampleId :

C-2MS

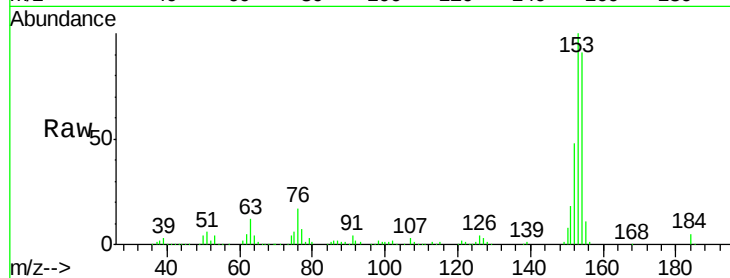
Tgt Ion:184 Resp: 14187

Ion Ratio Lower Upper

184 100

63 235.7 357.0 535.4#

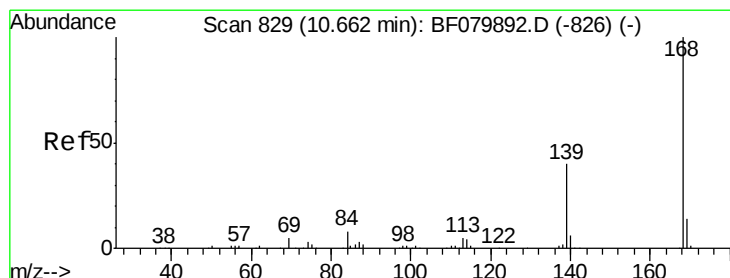
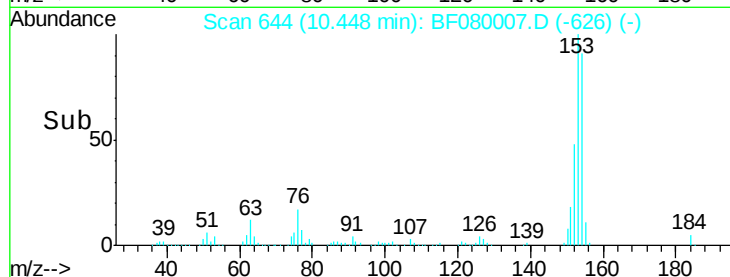
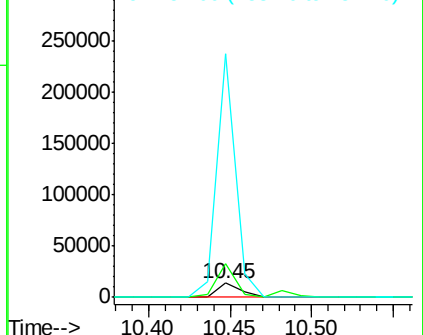
154 1733.6 2660.2 3990.4#



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: 29.69 ng

RT: 10.62 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF080007.D

Acq: 17 Jun 2015 2:06

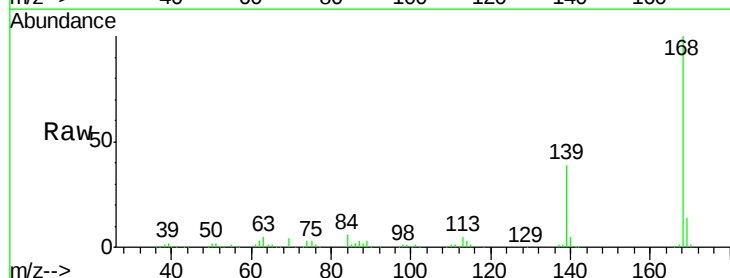
Tgt Ion:168 Resp: 282241

Ion Ratio Lower Upper

168 100

139 38.6 32.2 48.2

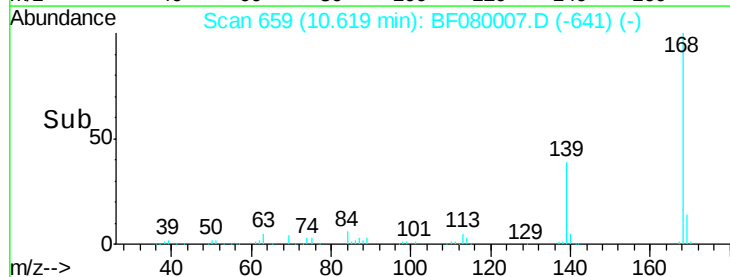
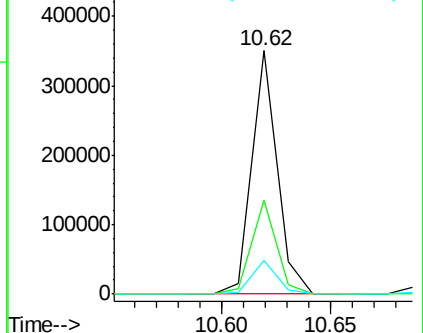
169 13.8 11.0 16.6

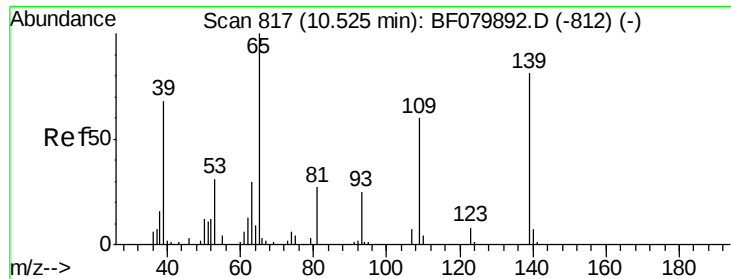


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

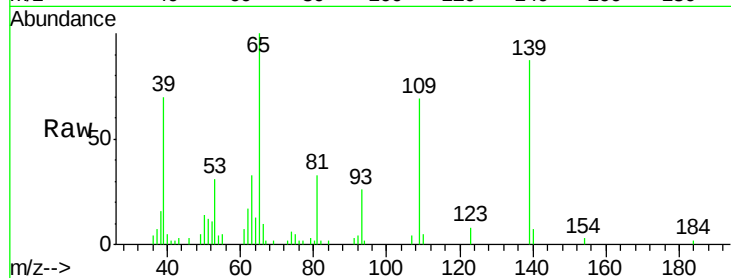




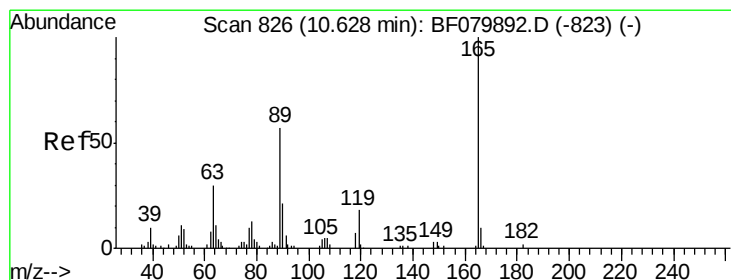
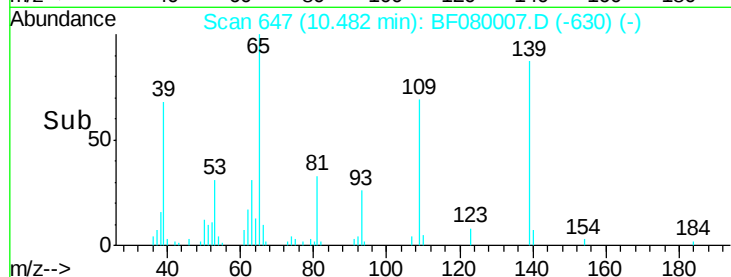
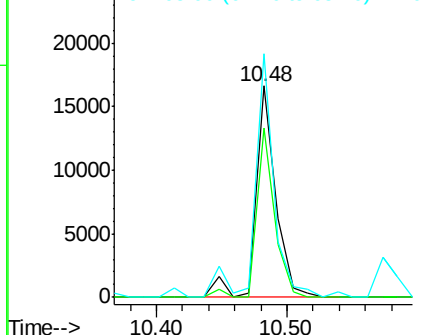
#55
 4-Nitrophenol
 Concen: 16.30 ng
 RT: 10.48 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF080007.D
 Acq: 17 Jun 2015 2:06

Instrument :
 BNA_F
 ClientSampleId :
 C-2MS

Tgt Ion:139 Resp: 17861
 Ion Ratio Lower Upper
 139 100
 109 80.0 54.8 94.8
 65 115.1 104.8 144.8

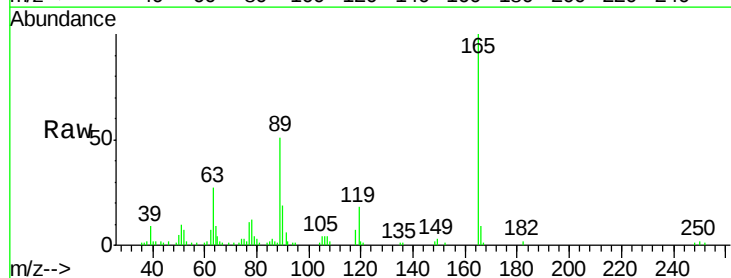


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF0

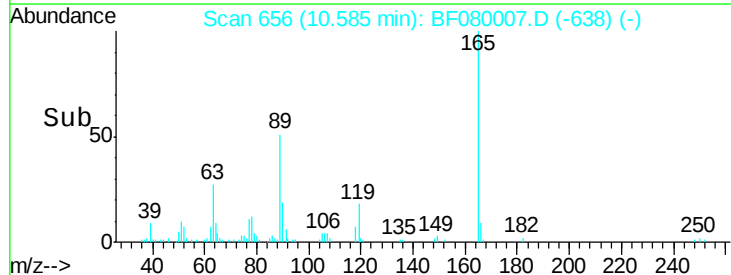
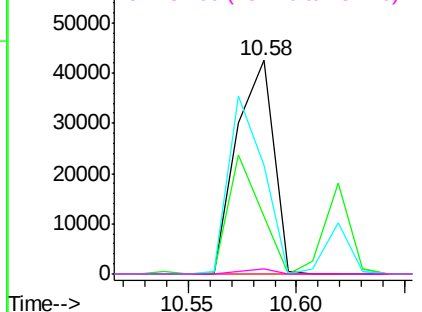


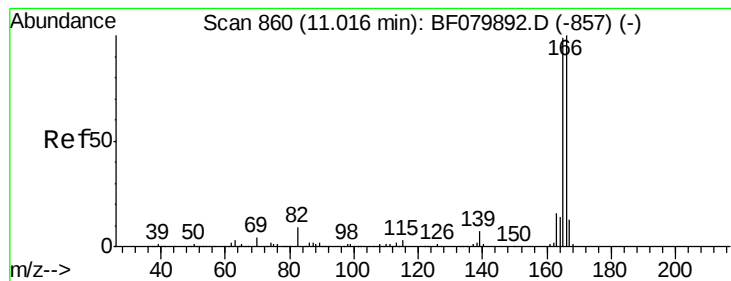
#56
 2,4-Dinitrotoluene
 Concen: 28.38 ng
 RT: 10.58 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: BF080007.D
 Acq: 17 Jun 2015 2:06

Tgt Ion:165 Resp: 50023
 Ion Ratio Lower Upper
 165 100
 63 26.8 24.3 36.5
 89 51.1 45.4 68.2
 182 2.5 1.8 2.8



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: 25.39 ng

RT: 10.96 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF080007.D

Acq: 17 Jun 2015 2:06

Instrument :

BNA_F

ClientSampleId :

C-2MS

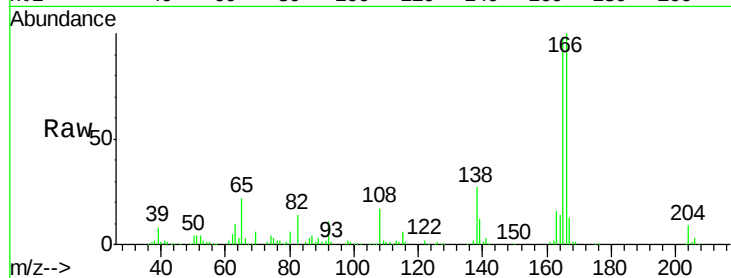
Tgt Ion:166 Resp: 210365

Ion Ratio Lower Upper

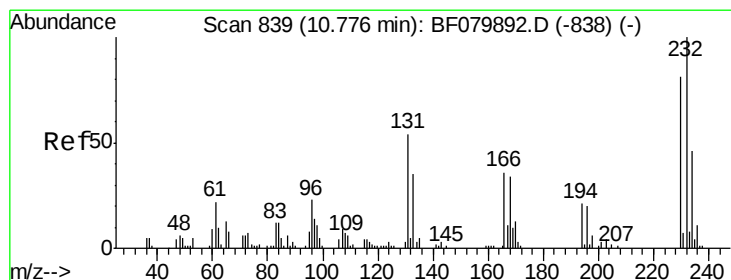
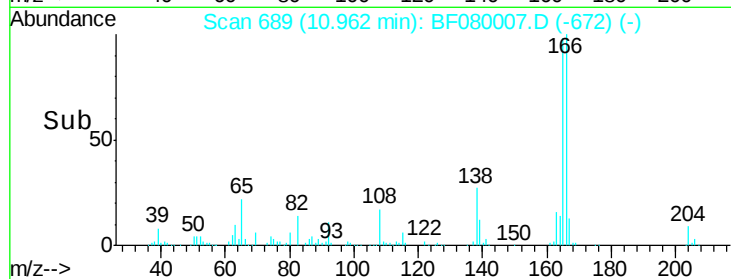
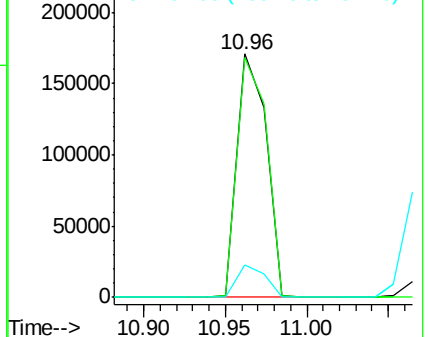
166 100

165 98.3 79.0 118.6

167 13.1 10.3 15.5



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: 21.90 ng

RT: 10.73 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF080007.D

Acq: 17 Jun 2015 2:06

Tgt Ion:232 Resp: 37201

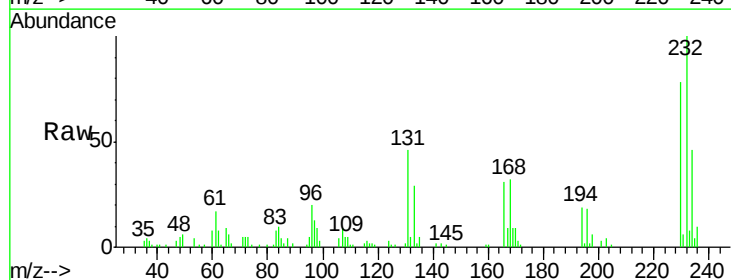
Ion Ratio Lower Upper

232 100

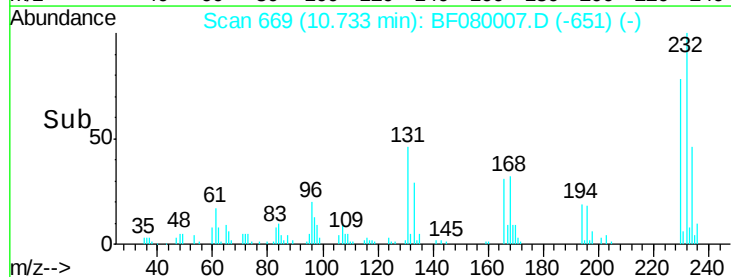
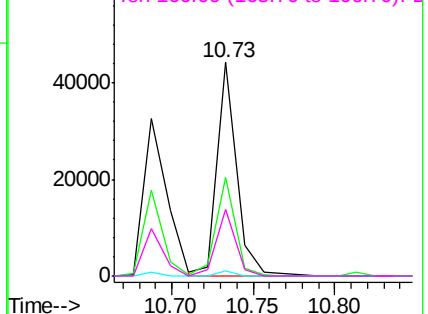
131 45.3 35.4 53.2

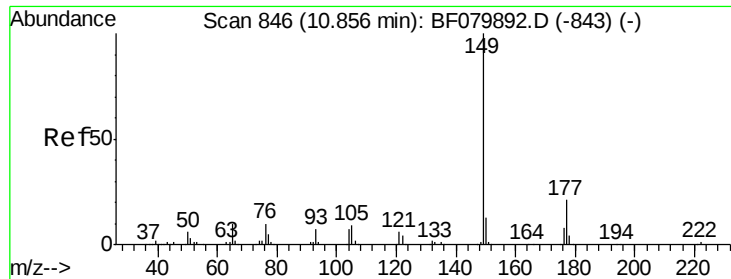
130 1.8 1.5 2.3

166 30.1 24.1 36.1



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

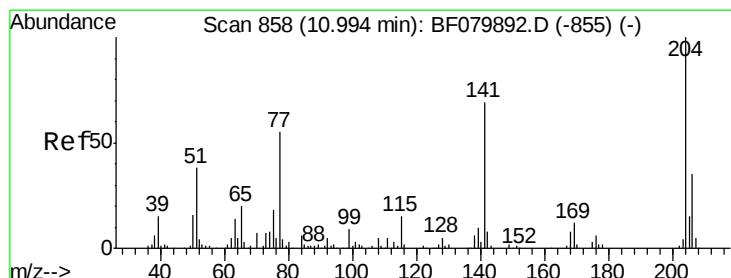
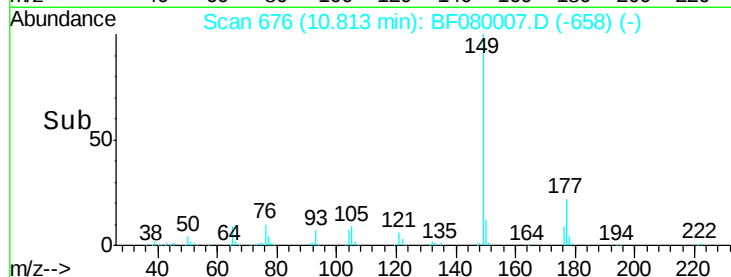
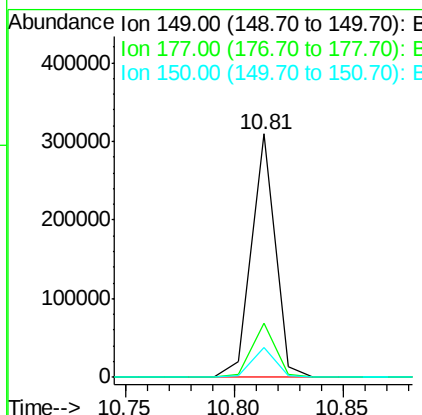
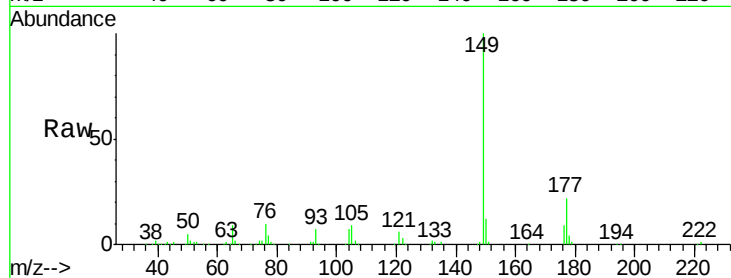




#59
Diethylphthalate
Concen: 29.96 ng
RT: 10.81 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF080007.D
Acq: 17 Jun 2015 2:06

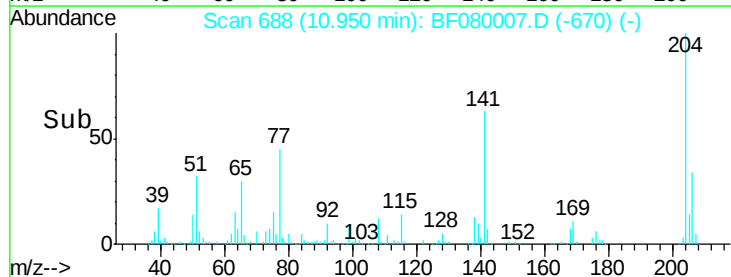
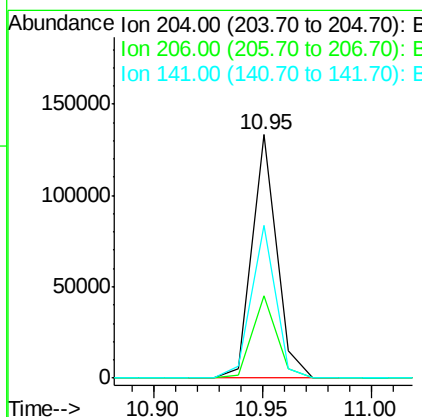
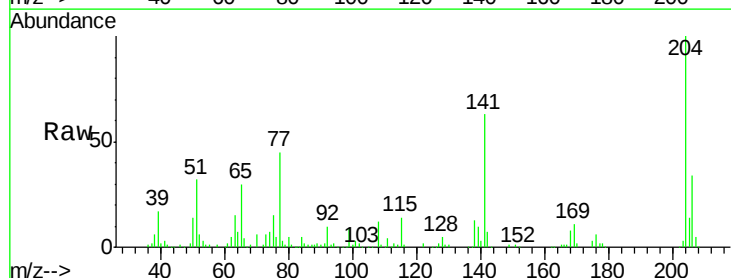
Instrument :
BNA_F
ClientSampleId :
C-2MS

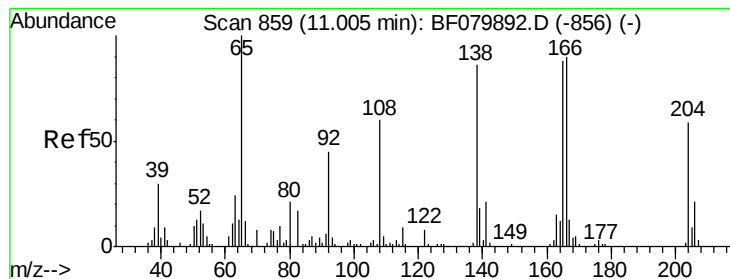
Tgt Ion:149 Resp: 236172
Ion Ratio Lower Upper
149 100
177 22.1 16.9 25.3
150 12.4 10.4 15.6



#60
4-Chlorophenyl-phenylether
Concen: 28.50 ng
RT: 10.95 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF080007.D
Acq: 17 Jun 2015 2:06

Tgt Ion:204 Resp: 105460
Ion Ratio Lower Upper
204 100
206 34.0 28.0 42.0
141 62.7 55.3 82.9





#61

4-Nitroaniline

Concen: 25.99 ng

RT: 10.96 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF080007.D

Acq: 17 Jun 2015 2:06

Instrument :

BNA_F

ClientSampleId :

C-2MS

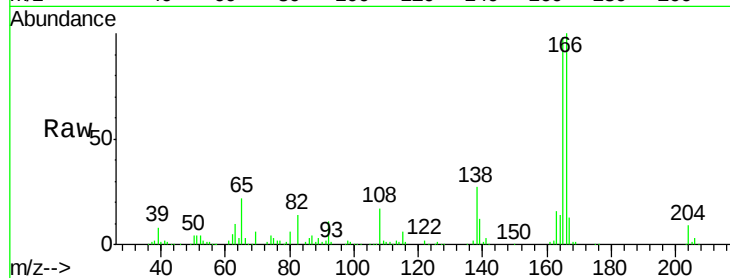
Tgt Ion:138 Resp: 44947

Ion Ratio Lower Upper

138 100

92 40.1 32.9 72.9

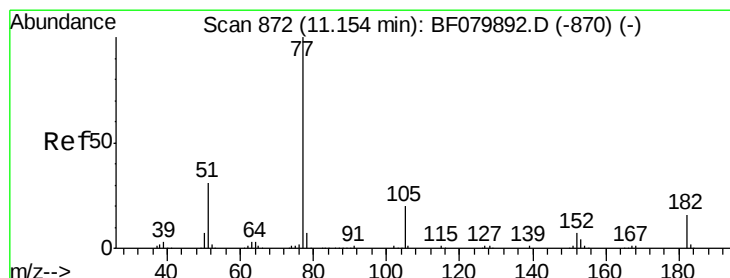
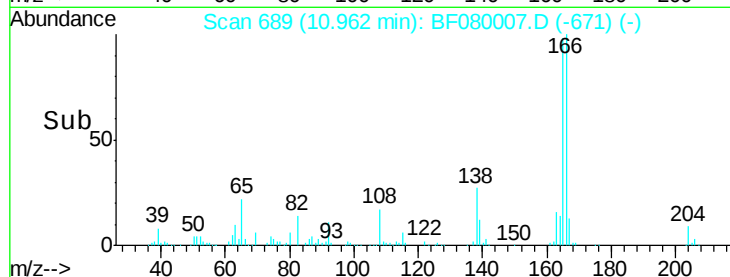
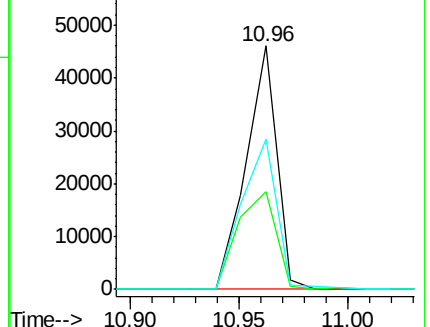
108 61.7 50.4 90.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 31.13 ng

RT: 11.11 min Scan# 702

Delta R.T. 0.00 min

Lab File: BF080007.D

Acq: 17 Jun 2015 2:06

Tgt Ion: 77 Resp: 236142

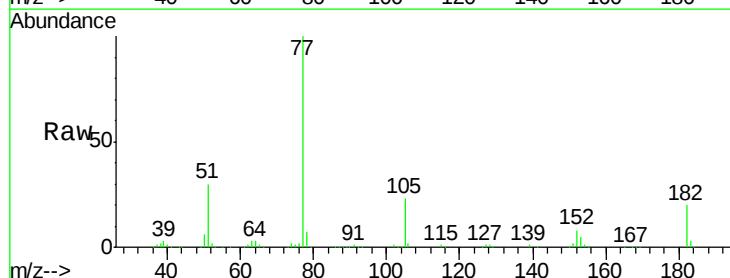
Ion Ratio Lower Upper

77 100

182 20.3 0.0 35.9

105 22.5 0.1 40.1

51 30.3 11.5 51.5

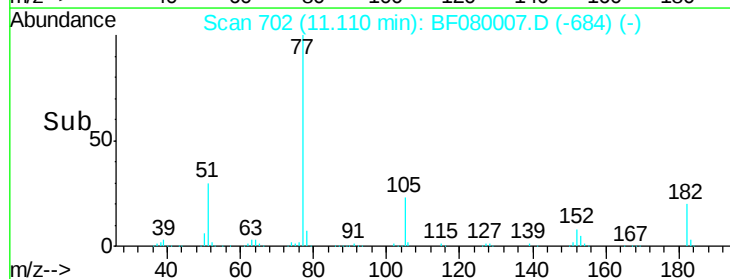
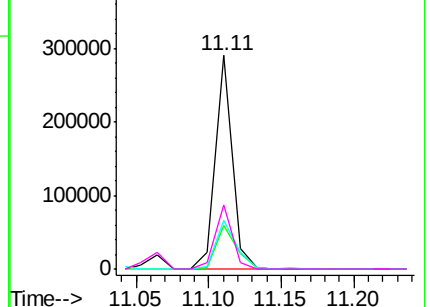


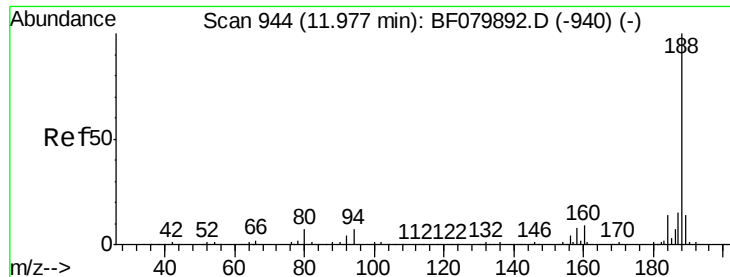
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

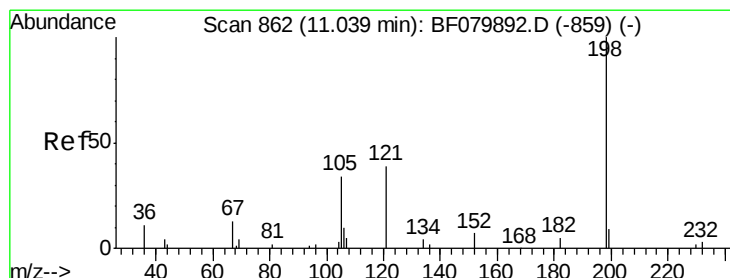
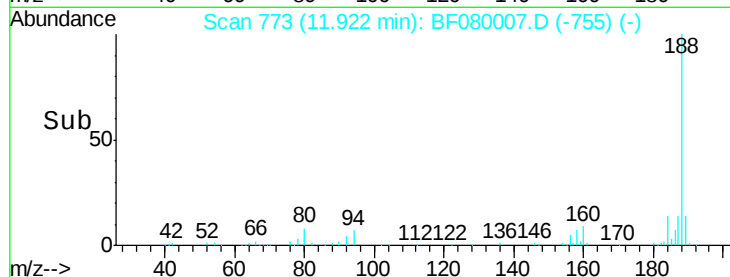
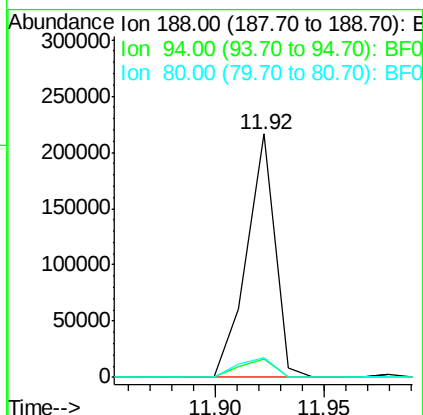
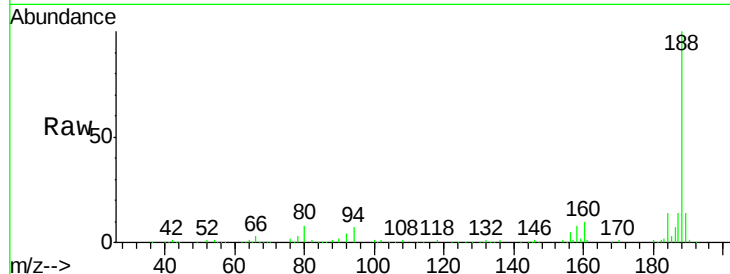




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.92 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF080007.D
 Acq: 17 Jun 2015 2:06

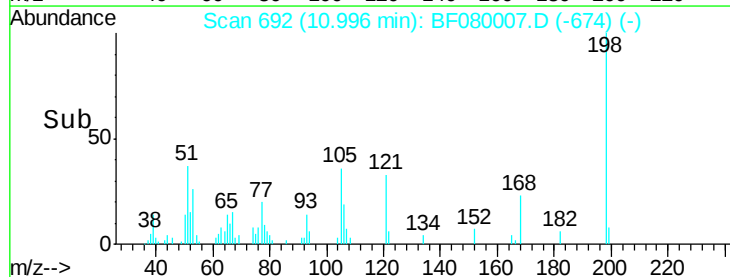
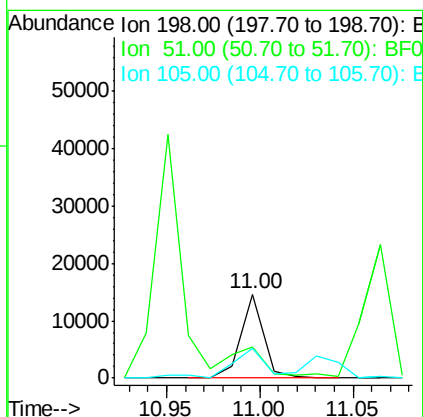
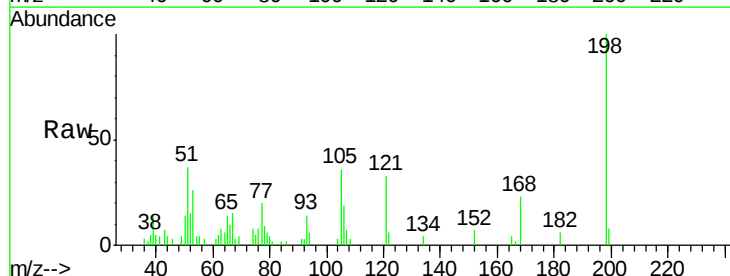
Instrument :
 BNA_F
 ClientSampleId :
 C-2MS

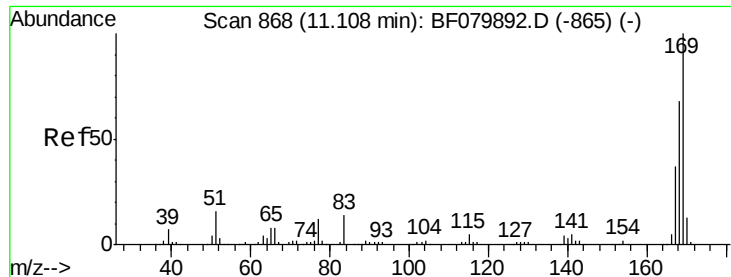
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.8	8.8
80	7.9	5.9	8.9



#64
 4,6-Dinitro-2-methylphenol
 Concen: 33.02 ng
 RT: 11.00 min Scan# 692
 Delta R.T. 0.00 min
 Lab File: BF080007.D
 Acq: 17 Jun 2015 2:06

Tgt Ion	Ratio	Lower	Upper
198	100		
51	36.9	22.1	62.1
105	35.6	22.7	62.7

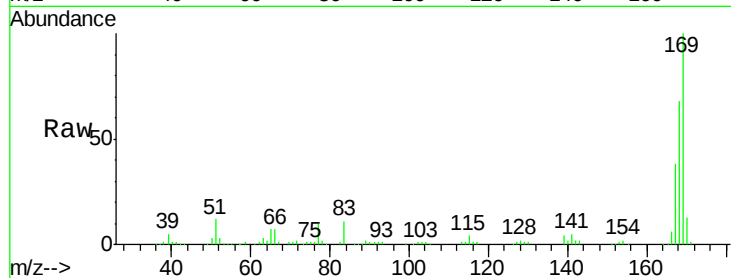




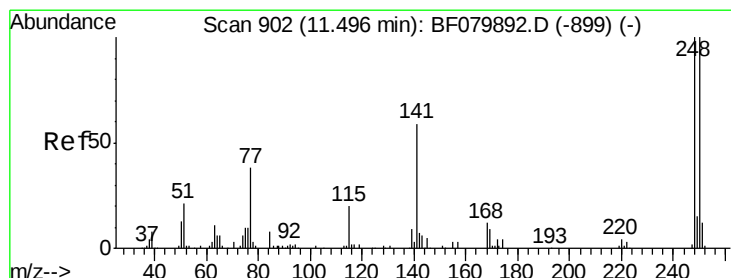
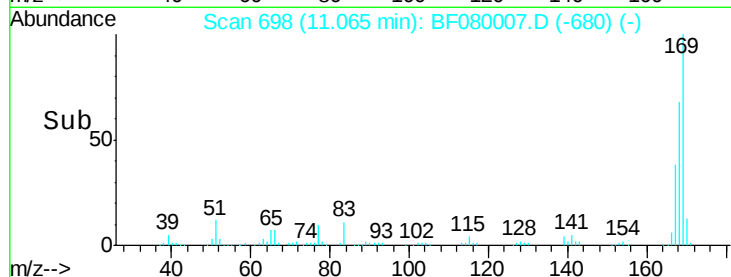
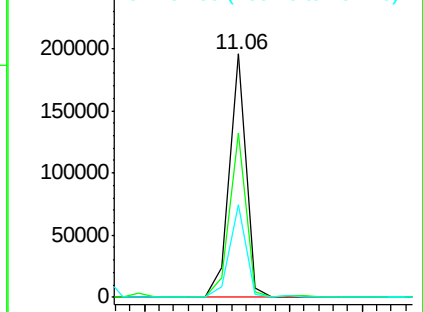
#65
 n-Nitrosodiphenylamine
 Concen: 24.73 ng
 RT: 11.06 min Scan# 698
 Delta R.T. 0.00 min
 Lab File: BF080007.D
 Acq: 17 Jun 2015 2:06

Instrument :
 BNA_F
 ClientSampleId :
 C-2MS

Tgt Ion:169 Resp: 156335
 Ion Ratio Lower Upper
 169 100
 168 67.6 54.2 81.4
 167 37.8 29.7 44.5

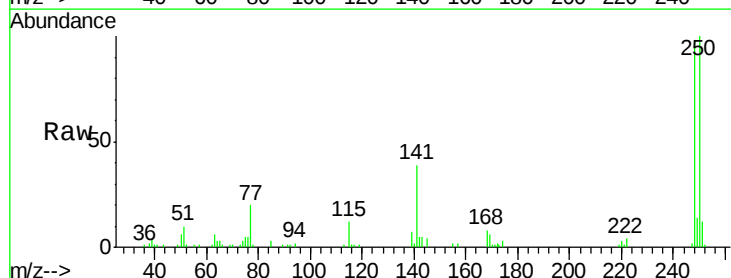


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

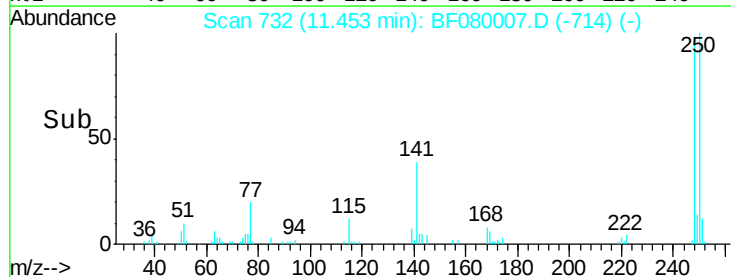
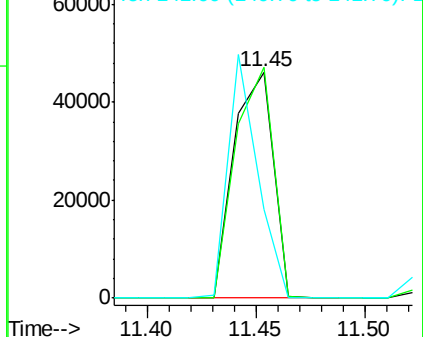


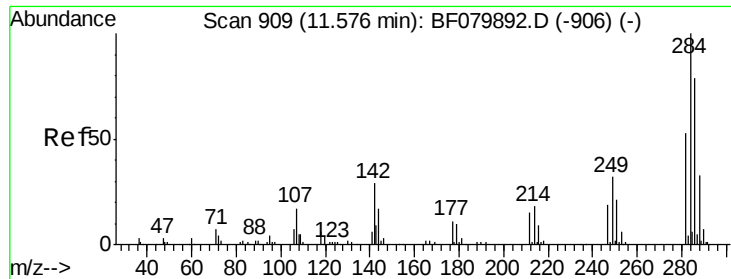
#66
 4-Bromophenyl-phenylether
 Concen: 26.34 ng
 RT: 11.45 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: BF080007.D
 Acq: 17 Jun 2015 2:06

Tgt Ion:248 Resp: 57812
 Ion Ratio Lower Upper
 248 100
 250 102.2 80.2 120.2
 141 39.5 46.9 70.3#



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

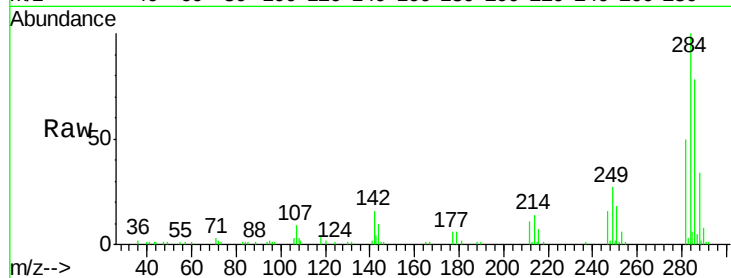




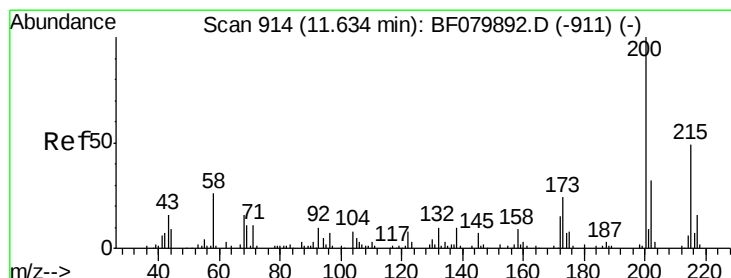
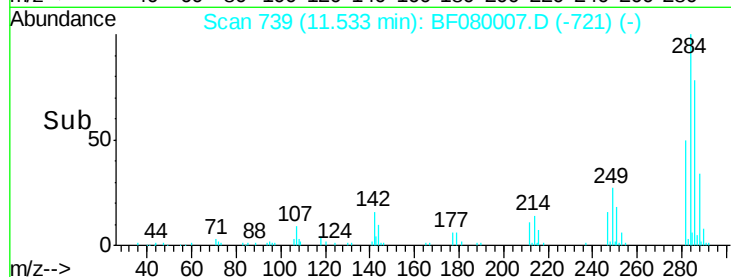
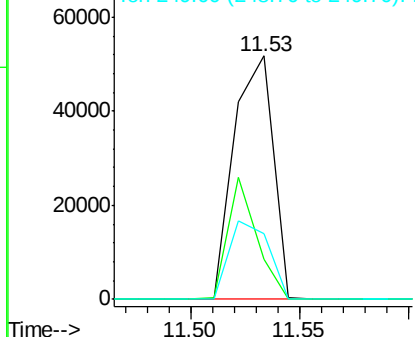
#67
Hexachlorobenzene
Concen: 27.02 ng
RT: 11.53 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF080007.D
Acq: 17 Jun 2015 2:06

Instrument :
BNA_F
ClientSampleId :
C-2MS

Tgt Ion:284 Resp: 64679
Ion Ratio Lower Upper
284 100
142 16.2 23.5 35.3#
249 26.8 25.3 37.9

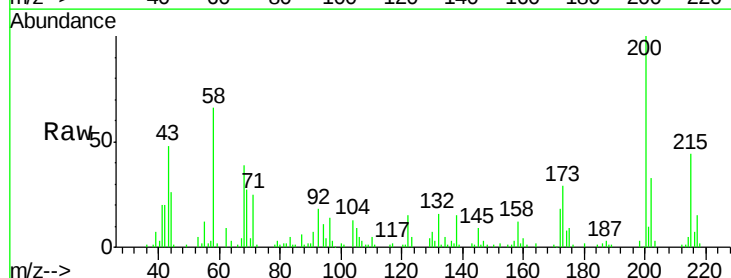


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

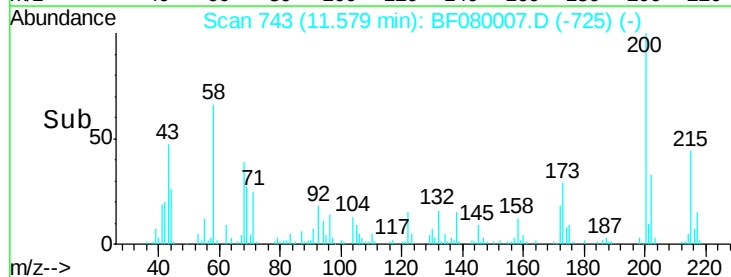
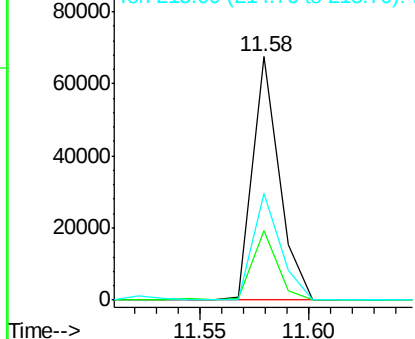


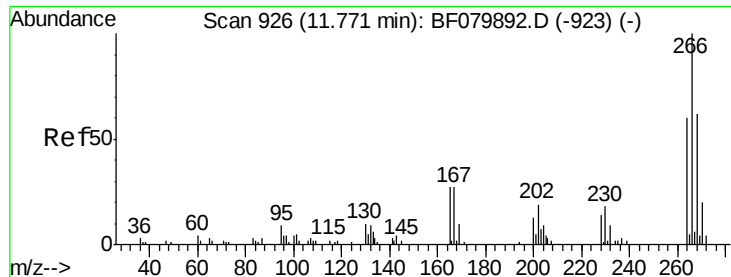
#68
Atrazine
Concen: 29.43 ng
RT: 11.58 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF080007.D
Acq: 17 Jun 2015 2:06

Tgt Ion:200 Resp: 57273
Ion Ratio Lower Upper
200 100
173 28.6 4.1 44.1
215 43.7 29.2 69.2



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

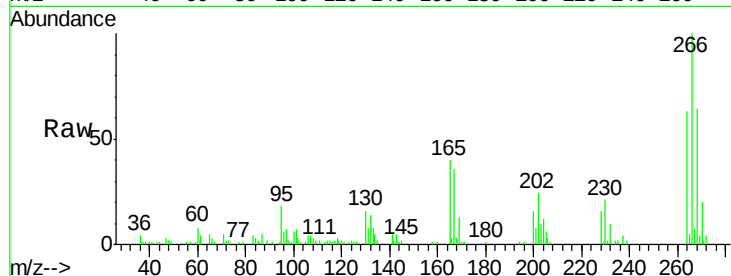




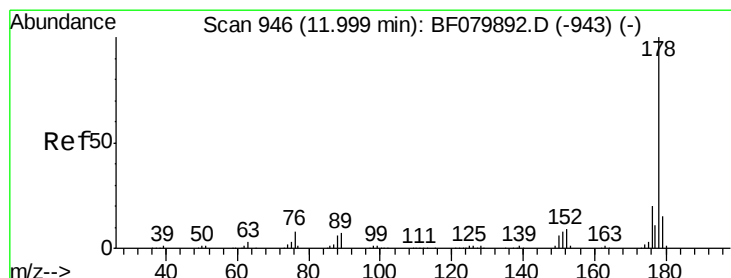
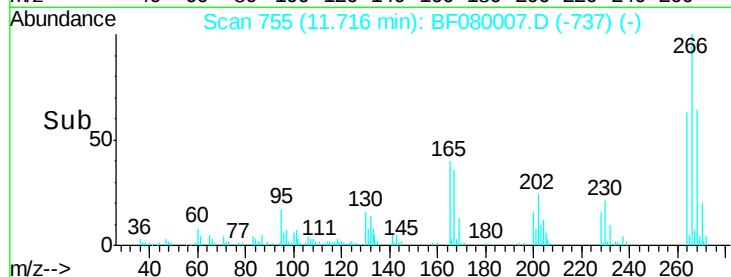
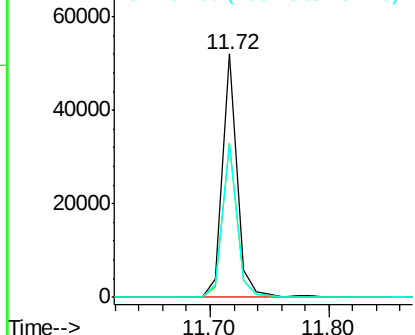
#69
 Pentachlorophenol
 Concen: 43.18 ng
 RT: 11.72 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF080007.D
 Acq: 17 Jun 2015 2:06

Instrument :
 BNA_F
 ClientSampleId :
 C-2MS

Tgt Ion: 266 Resp: 43998
 Ion Ratio Lower Upper
 266 100
 268 63.5 49.4 74.2
 264 63.5 47.7 71.5

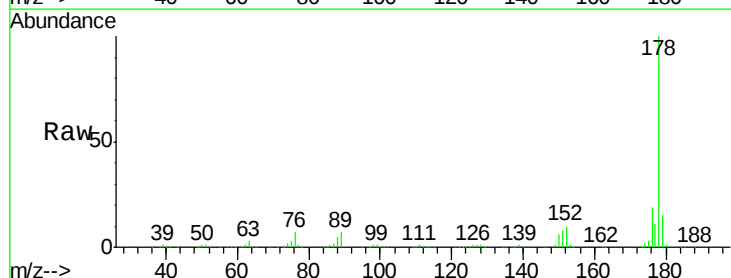


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

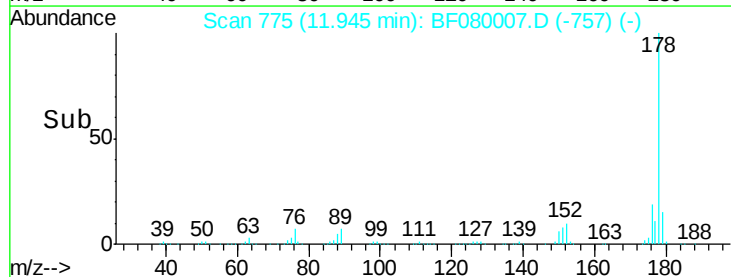
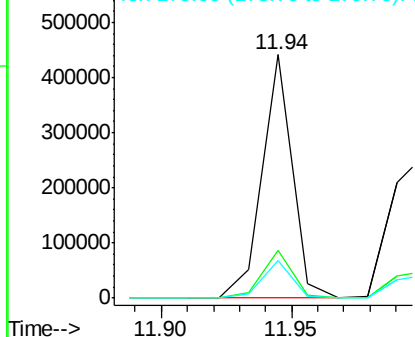


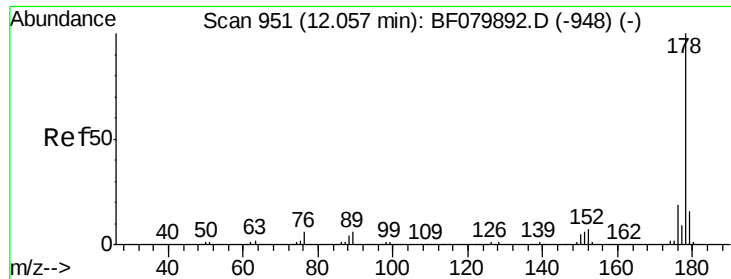
#70
 Phenanthrene
 Concen: 30.58 ng
 RT: 11.94 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF080007.D
 Acq: 17 Jun 2015 2:06

Tgt Ion: 178 Resp: 356910
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.9 23.9
 179 15.2 12.3 18.5



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

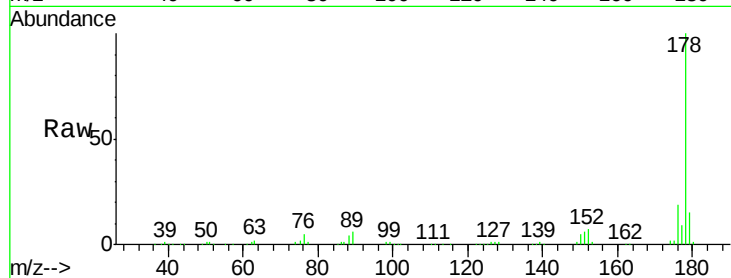




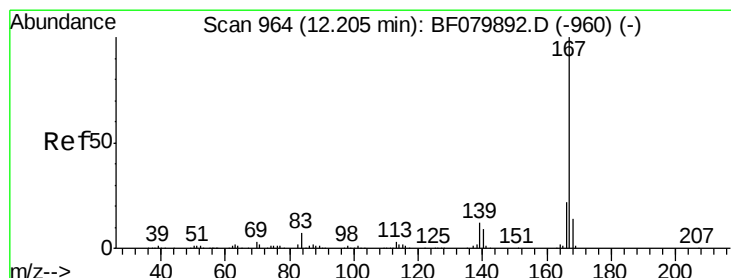
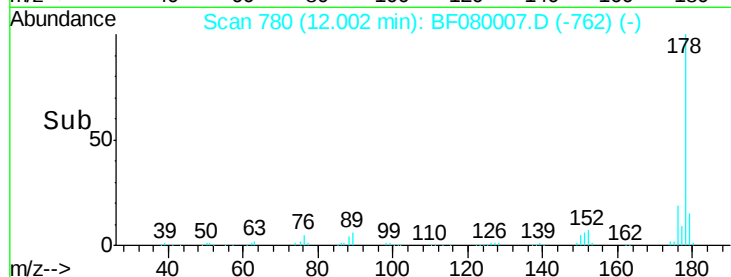
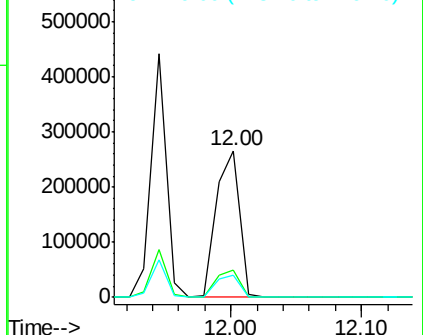
#71
 Anthracene
 Concen: 29.63 ng
 RT: 12.00 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BF080007.D
 Acq: 17 Jun 2015 2:06

Instrument :
 BNA_F
 ClientSampleId :
 C-2MS

Tgt Ion:178 Resp: 334703
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.2 22.8
 179 15.4 12.5 18.7

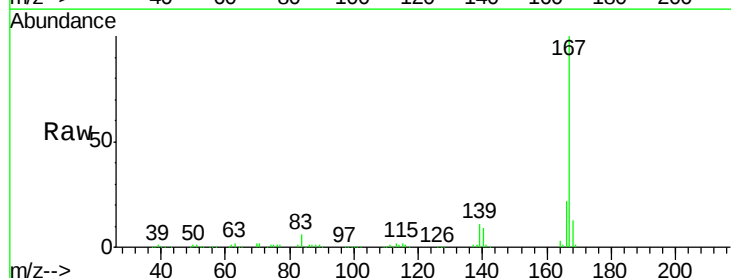


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

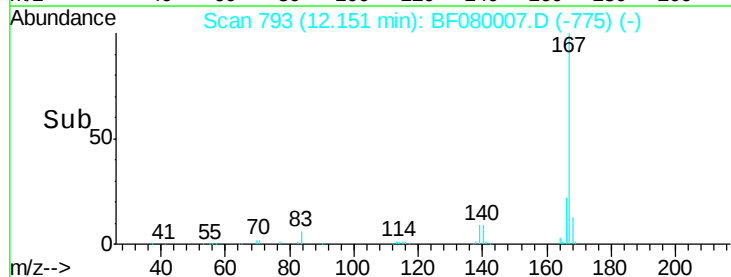
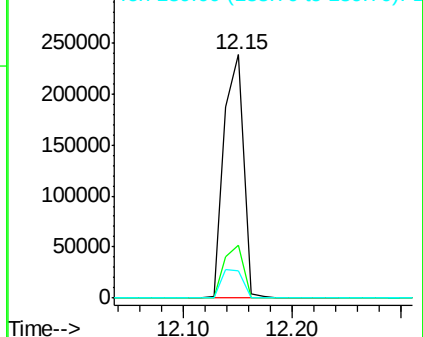


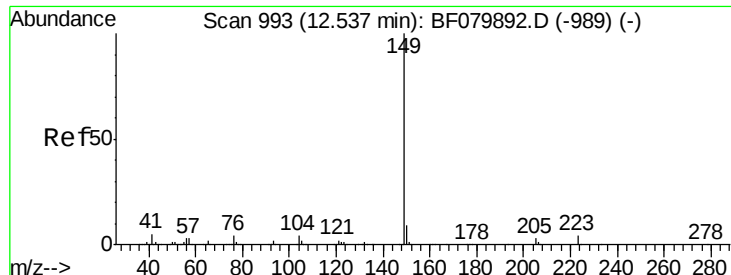
#72
 Carbazole
 Concen: 27.18 ng
 RT: 12.15 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF080007.D
 Acq: 17 Jun 2015 2:06

Tgt Ion:167 Resp: 297705
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.2
 139 11.4 9.5 14.3



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

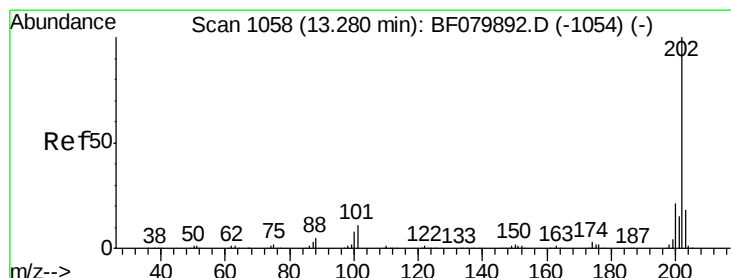
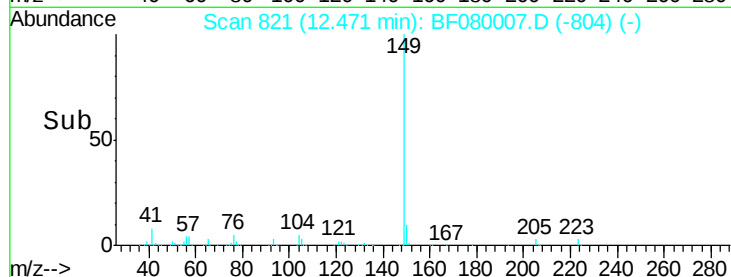
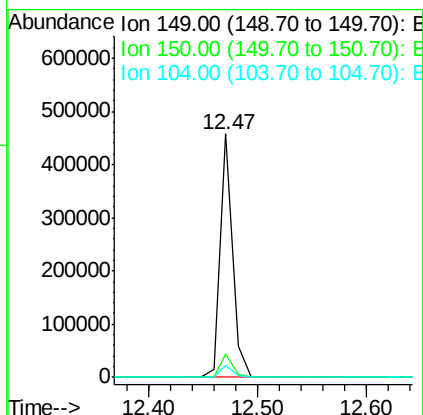
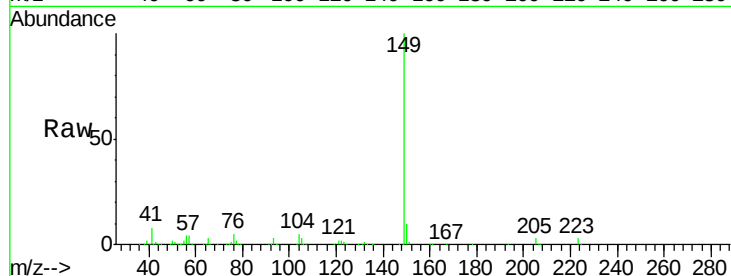




#73
Di-n-butylphthalate
Concen: 30.68 ng
RT: 12.47 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF080007.D
Acq: 17 Jun 2015 2:06

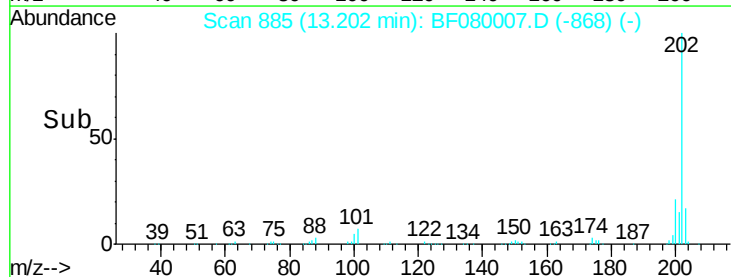
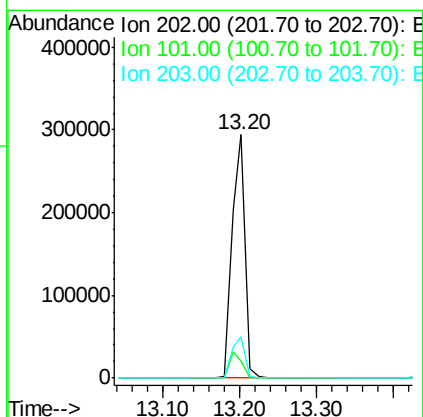
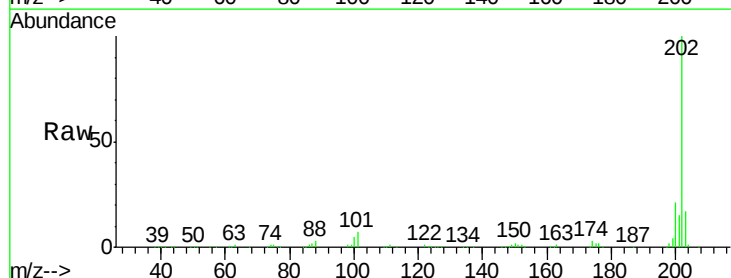
Instrument :
BNA_F
ClientSampleId :
C-2MS

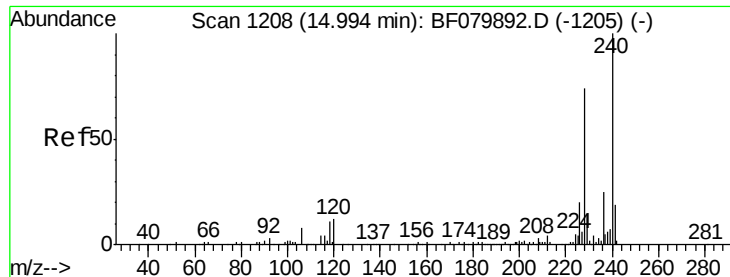
Tgt Ion:149 Resp: 366115
Ion Ratio Lower Upper
149 100
150 9.6 7.2 10.8
104 5.0 3.3 4.9#



#74
Fluoranthene
Concen: 27.57 ng
RT: 13.20 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF080007.D
Acq: 17 Jun 2015 2:06

Tgt Ion:202 Resp: 355729
Ion Ratio Lower Upper
202 100
101 7.1 0.0 30.7
203 17.0 0.0 38.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.86 min Scan# 1030

Delta R.T. -0.05 min

Lab File: BF080007.D

Acq: 17 Jun 2015 2:06

Instrument :

BNA_F

ClientSampleId :

C-2MS

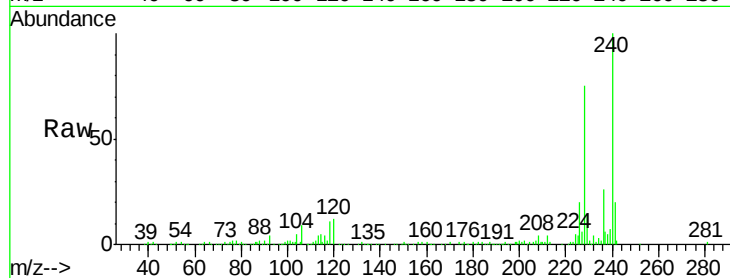
Tgt Ion:240 Resp: 216993

Ion Ratio Lower Upper

240 100

120 12.3 9.4 14.2

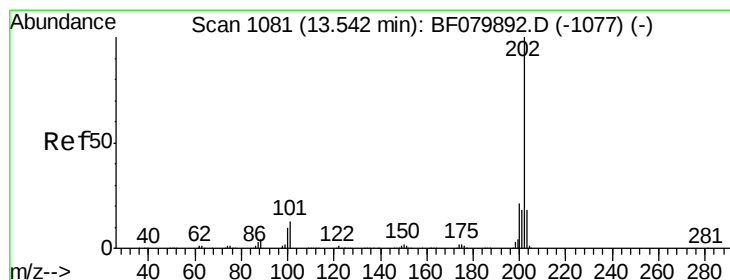
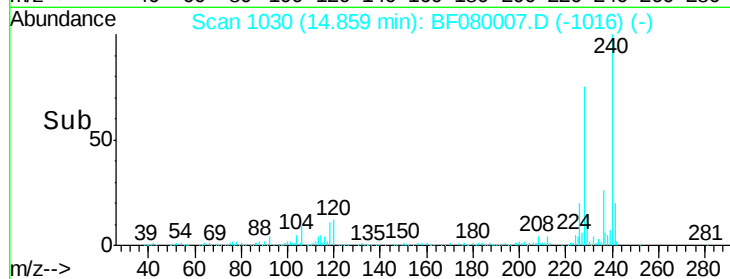
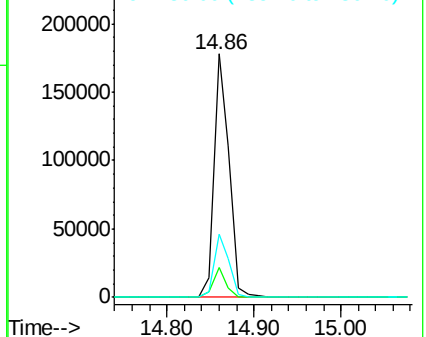
236 25.8 19.6 29.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 28.32 ng

RT: 13.45 min Scan# 907

Delta R.T. -0.02 min

Lab File: BF080007.D

Acq: 17 Jun 2015 2:06

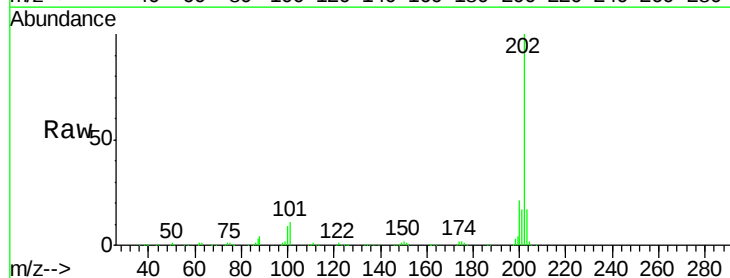
Tgt Ion:202 Resp: 385912

Ion Ratio Lower Upper

202 100

200 21.3 16.8 25.2

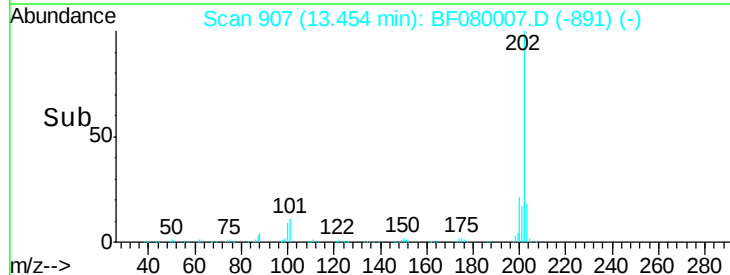
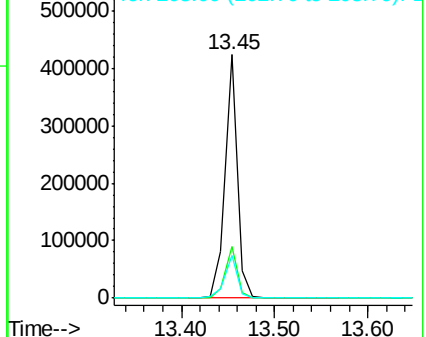
203 17.5 14.4 21.6

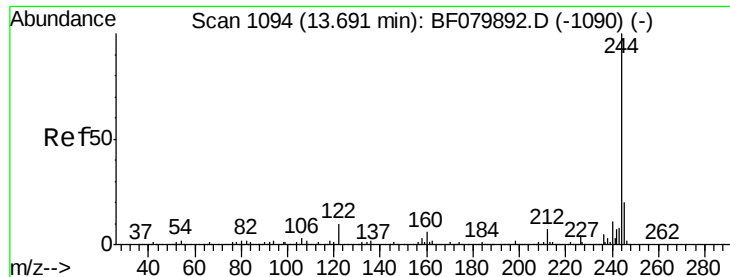


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 46.43 ng

RT: 13.59 min Scan# 919

Delta R.T. -0.03 min

Lab File: BF080007.D

Acq: 17 Jun 2015 2:06

Instrument :

BNA_F

ClientSampleId :

C-2MS

Tgt Ion:244 Resp: 436982

Ion Ratio Lower Upper

244 100

212 7.8

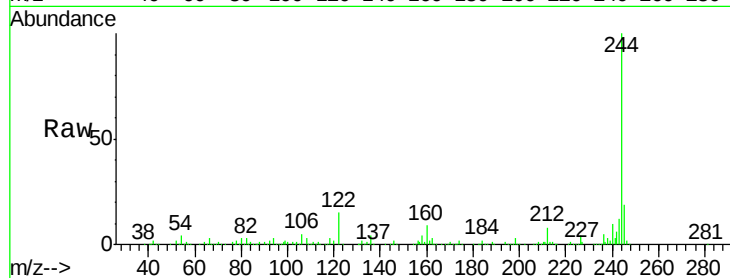
5.4

8.2

122 14.7

7.8

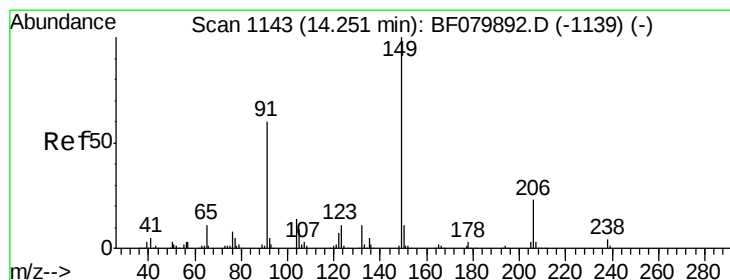
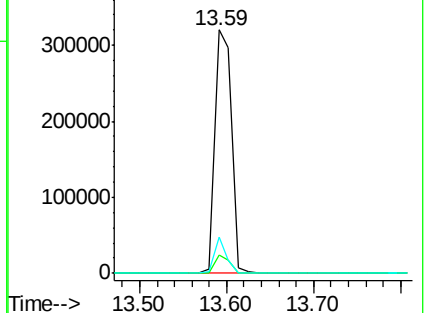
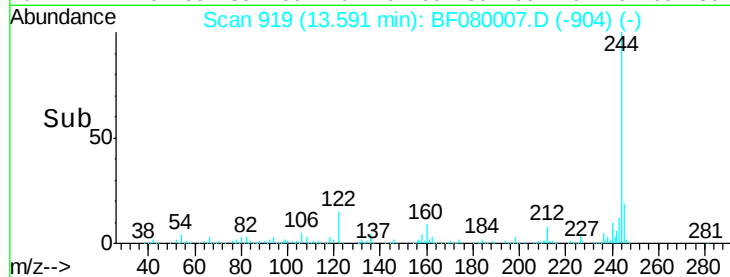
11.8#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 32.36 ng

RT: 14.14 min Scan# 967

Delta R.T. -0.03 min

Lab File: BF080007.D

Acq: 17 Jun 2015 2:06

Tgt Ion:149 Resp: 148935

Ion Ratio Lower Upper

149 100

91 64.6

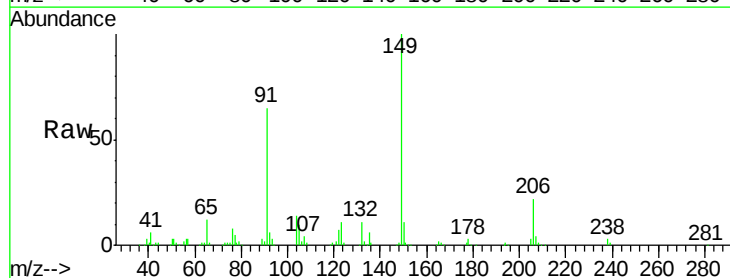
48.1

72.1

206 21.8

18.6

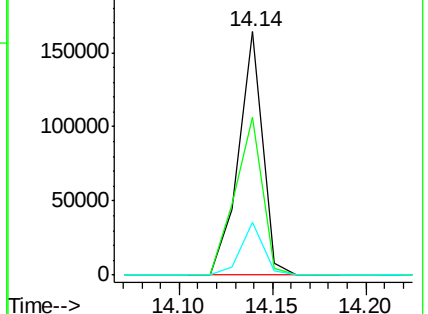
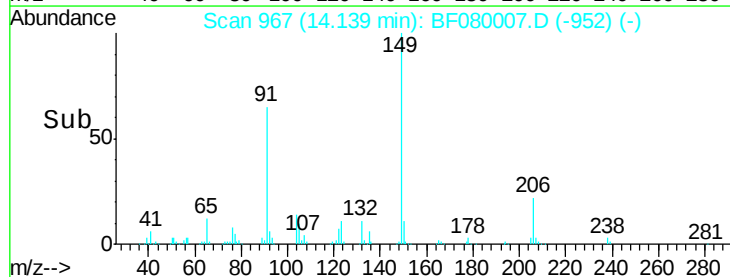
27.8

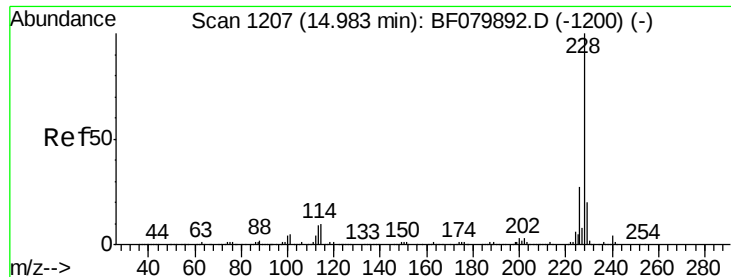


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 26.94 ng

RT: 14.85 min Scan# 1029

Delta R.T. -0.05 min

Lab File: BF080007.D

Acq: 17 Jun 2015 2:06

Instrument :

BNA_F

ClientSampleId :

C-2MS

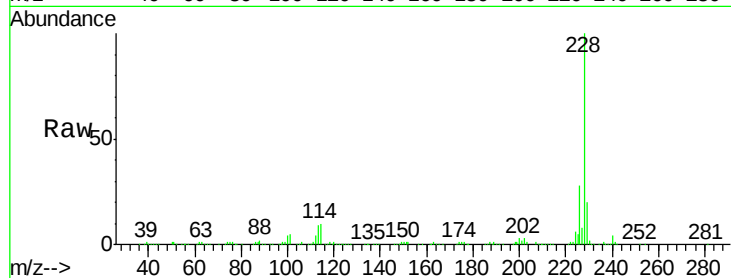
Tgt Ion:228 Resp: 371275

Ion Ratio Lower Upper

228 100

226 28.1 21.8 32.8

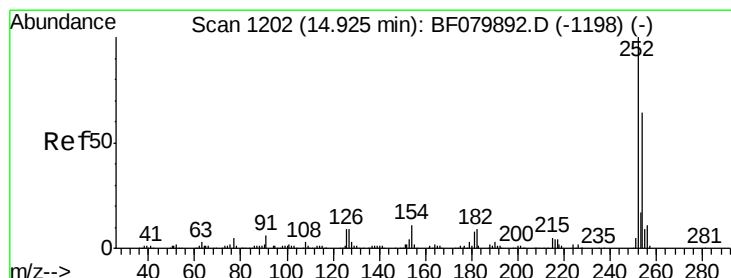
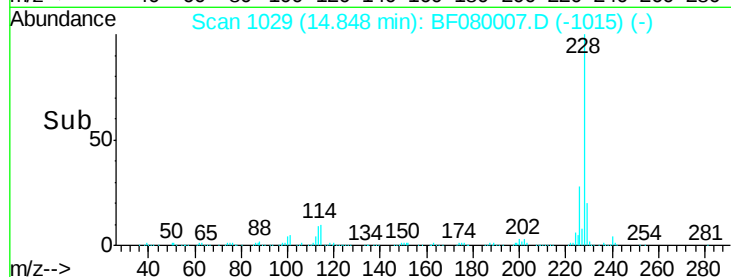
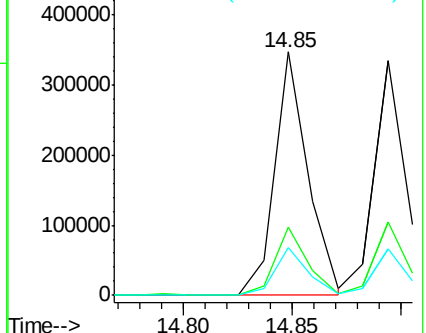
229 19.6 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 19.34 ng

RT: 14.79 min Scan# 1024

Delta R.T. -0.05 min

Lab File: BF080007.D

Acq: 17 Jun 2015 2:06

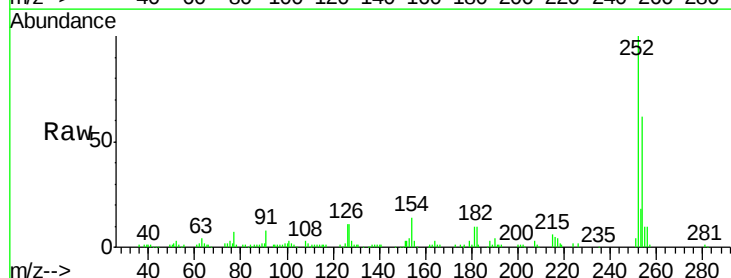
Tgt Ion:252 Resp: 85221

Ion Ratio Lower Upper

252 100

254 62.1 51.1 76.7

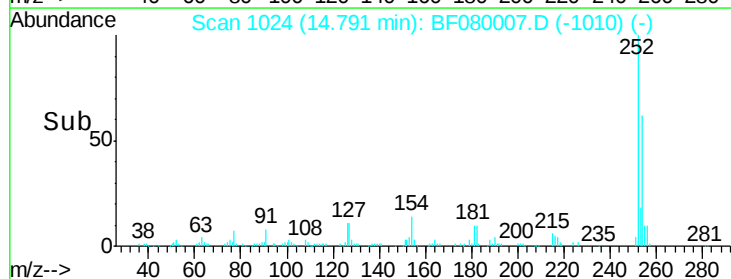
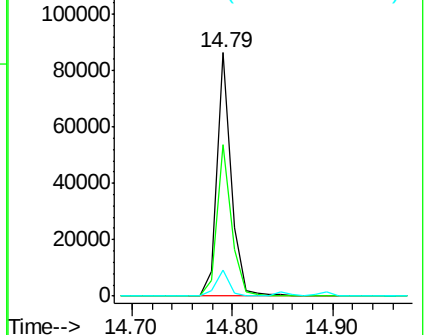
126 10.9 7.3 10.9

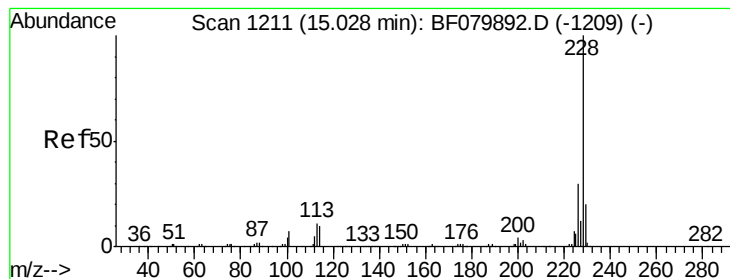


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 27.42 ng

RT: 14.89 min Scan# 1033

Delta R.T. -0.05 min

Lab File: BF080007.D

Acq: 17 Jun 2015 2:06

Instrument :

BNA_F

ClientSampleId :

C-2MS

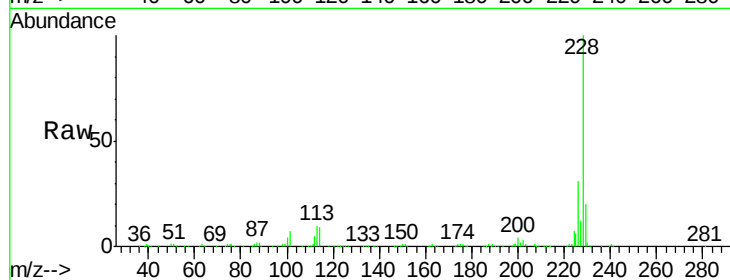
Tgt Ion:228 Resp: 339897

Ion Ratio Lower Upper

228 100

226 31.1 23.9 35.9

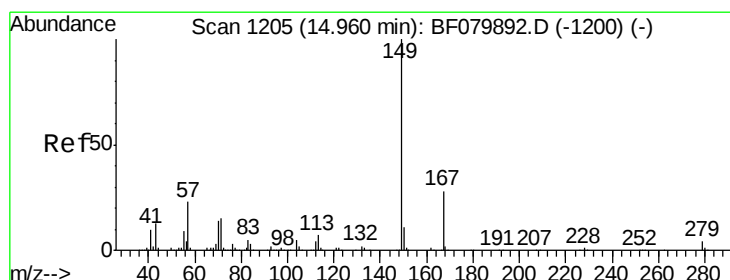
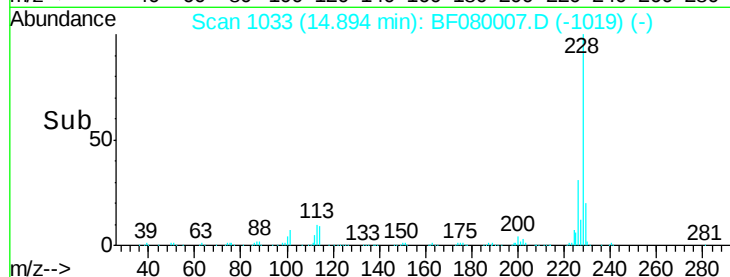
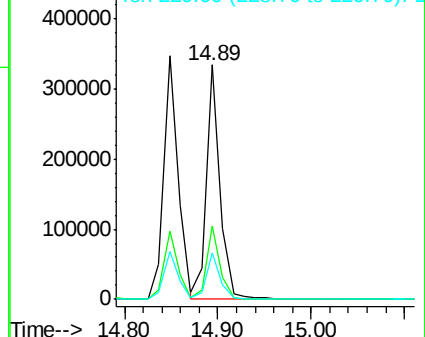
229 19.9 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 31.58 ng

RT: 14.83 min Scan# 1027

Delta R.T. -0.05 min

Lab File: BF080007.D

Acq: 17 Jun 2015 2:06

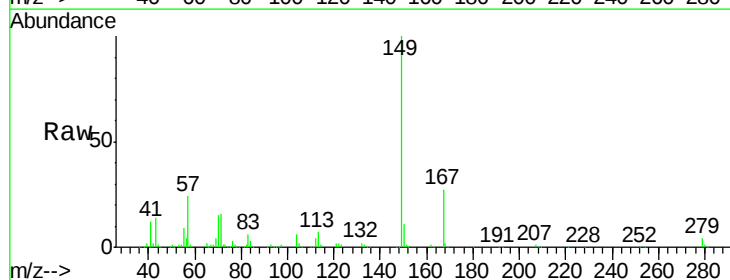
Tgt Ion:149 Resp: 232586

Ion Ratio Lower Upper

149 100

167 27.5 22.2 33.4

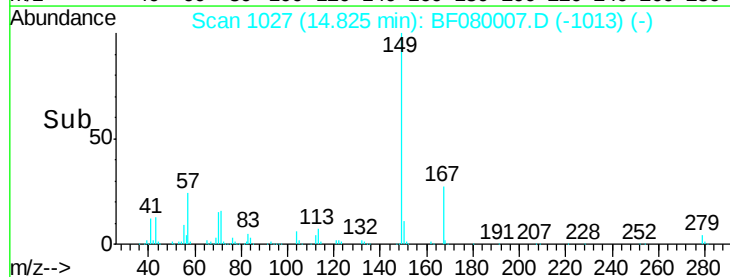
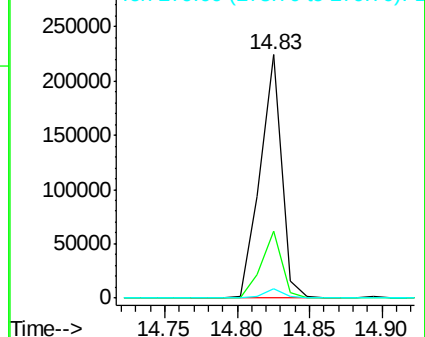
279 3.6 3.1 4.7

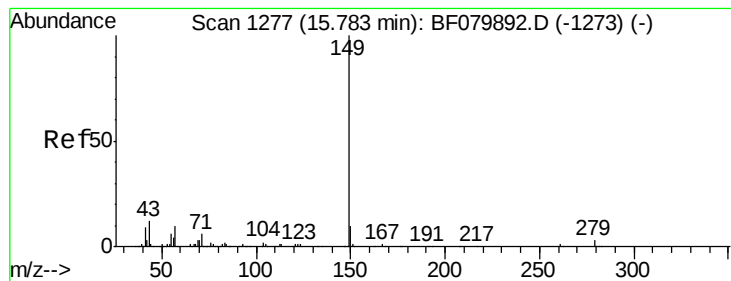


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 31.28 ng

RT: 15.63 min Scan# 1097

Delta R.T. -0.06 min

Lab File: BF080007.D

Acq: 17 Jun 2015 2:06

Instrument :

BNA_F

ClientSampleId :

C-2MS

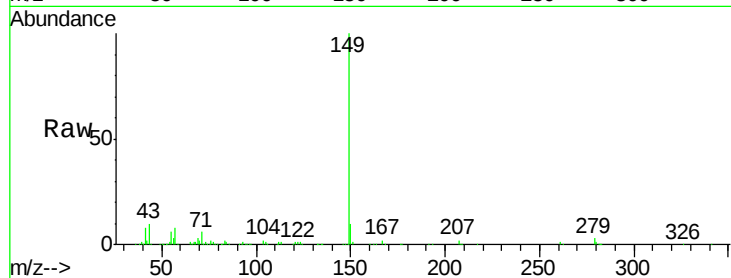
Tgt Ion:149 Resp: 375742

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

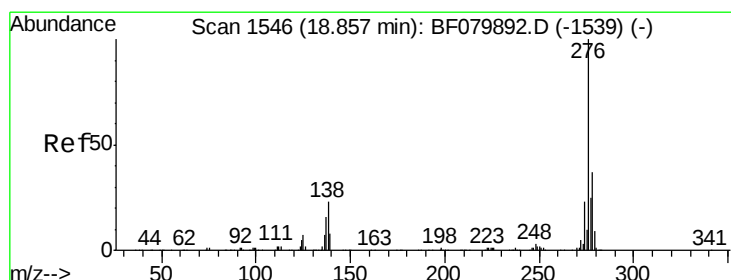
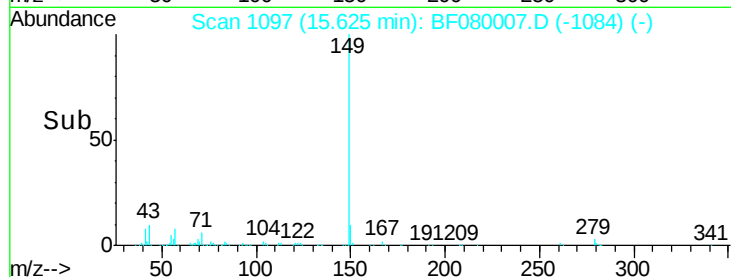
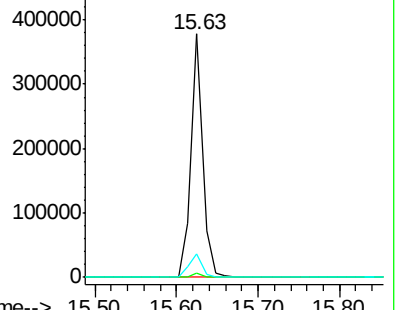
43 11.5 8.8 13.2



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: 28.09 ng

RT: 18.61 min Scan# 1358

Delta R.T. -0.07 min

Lab File: BF080007.D

Acq: 17 Jun 2015 2:06

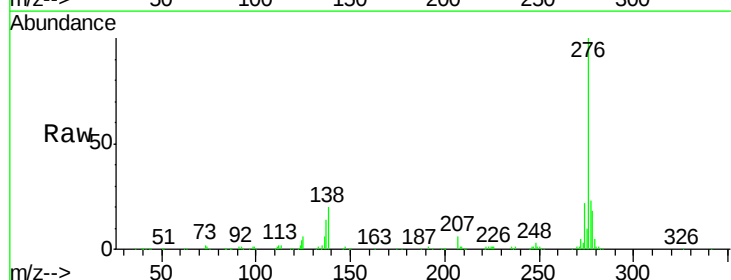
Tgt Ion:276 Resp: 405374

Ion Ratio Lower Upper

276 100

138 24.0 21.0 31.4

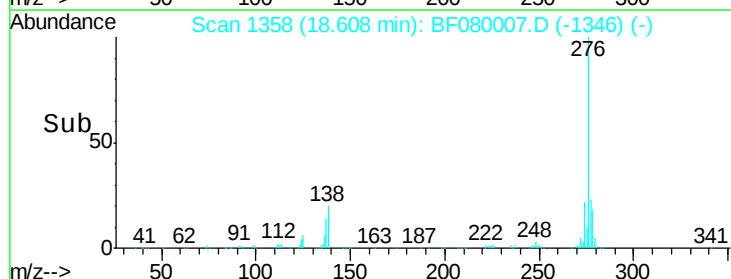
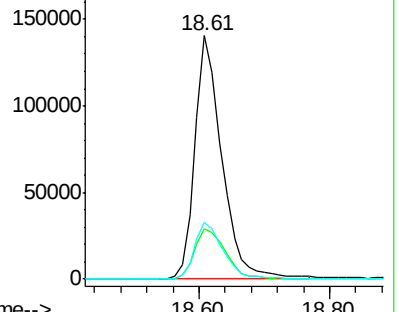
277 24.7 19.9 29.9

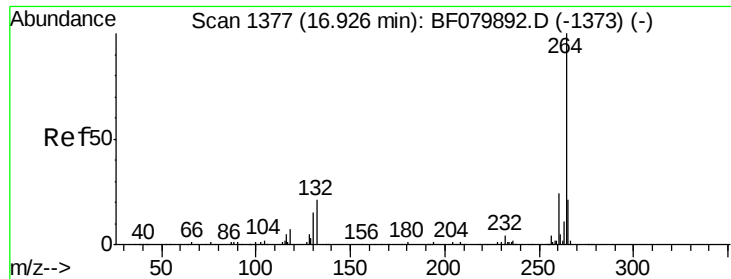


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



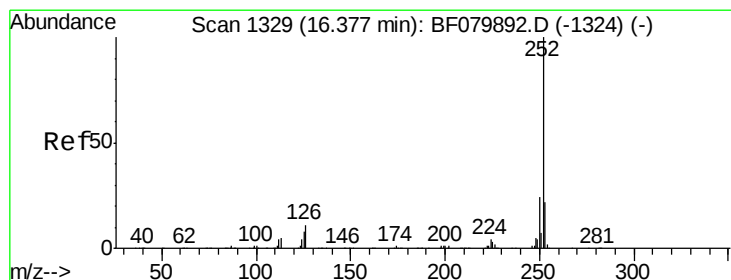
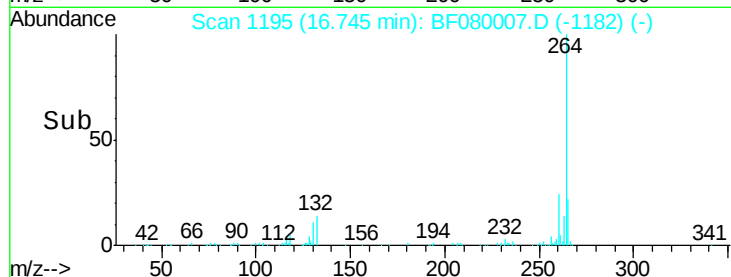
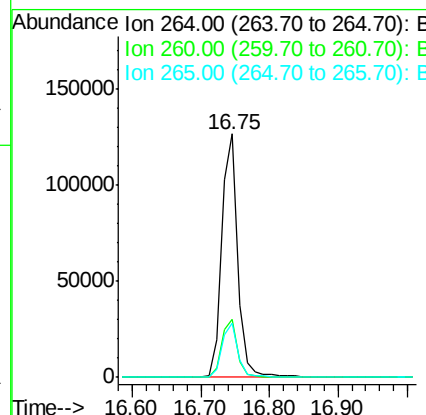
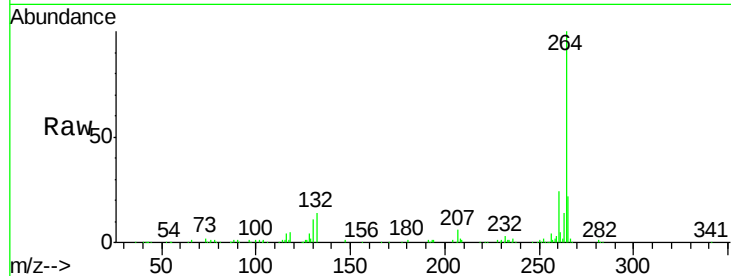


#86
Perylene-d12
Concen: 20.00 ng
RT: 16.75 min Scan# 1195
Delta R.T. -0.06 min
Lab File: BF080007.D
Acq: 17 Jun 2015 2:06

Instrument :
BNA_F
ClientSampleId :
C-2MS

Tgt Ion: 264 Resp: 209601

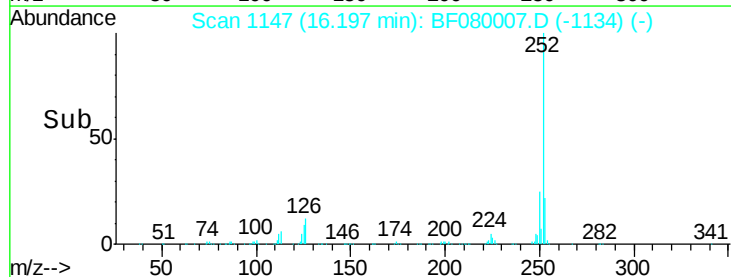
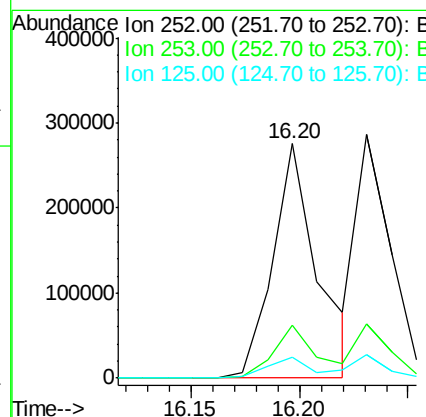
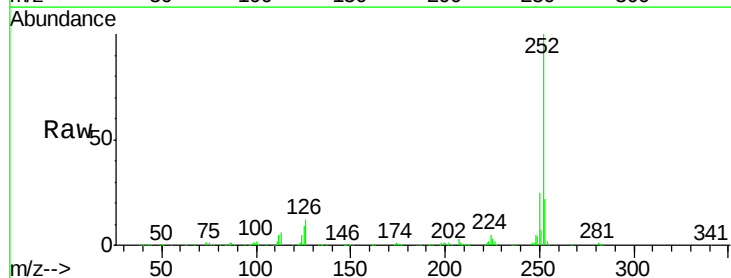
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.3	28.9
265	22.2	17.0	25.6

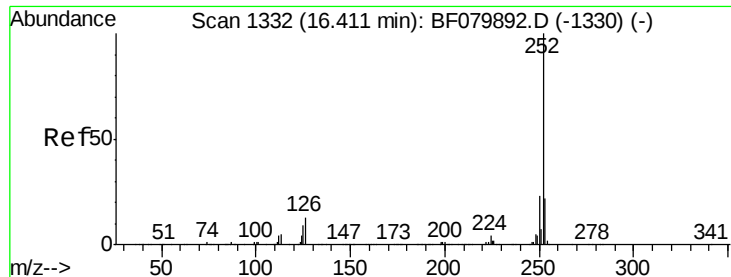


#87
Benzo(b)fluoranthene
Concen: 30.81 ng
RT: 16.20 min Scan# 1147
Delta R.T. -0.06 min
Lab File: BF080007.D
Acq: 17 Jun 2015 2:06

Tgt Ion: 252 Resp: 395685

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	8.7	6.5	9.7





#88

Benzo(k)fluoranthene

Concen: 24.98 ng

RT: 16.23 min Scan# 1150

Delta R.T. -0.06 min

Lab File: BF080007.D

Acq: 17 Jun 2015 2:06

Instrument :

BNA_F

ClientSampleId :

C-2MS

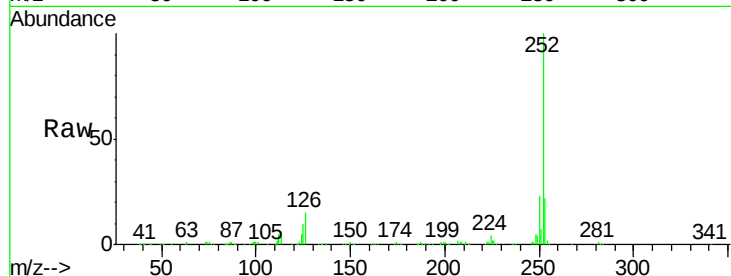
Tgt Ion:252 Resp: 327138

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

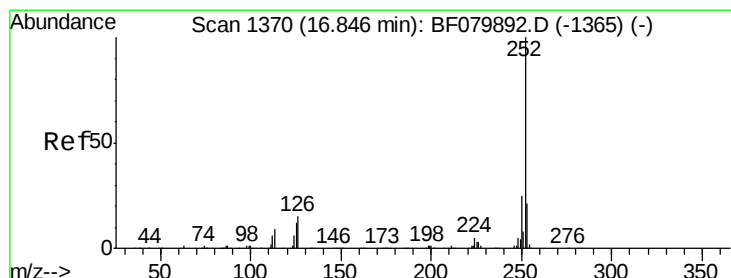
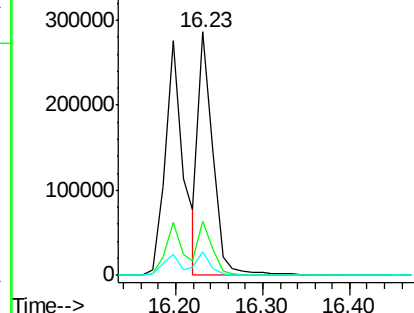
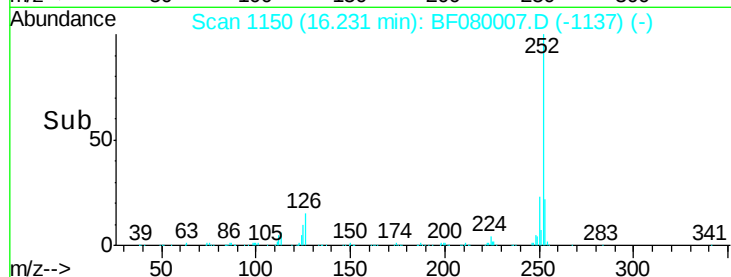
125 9.8 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 28.82 ng

RT: 16.67 min Scan# 1188

Delta R.T. -0.06 min

Lab File: BF080007.D

Acq: 17 Jun 2015 2:06

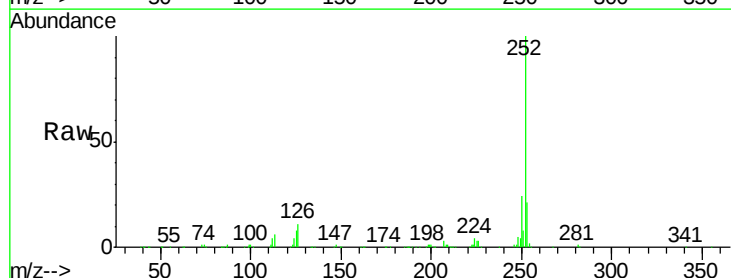
Tgt Ion:252 Resp: 352024

Ion Ratio Lower Upper

252 100

253 21.2 17.0 25.6

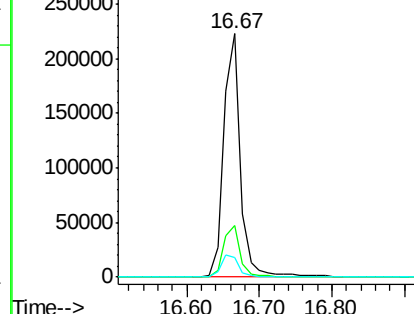
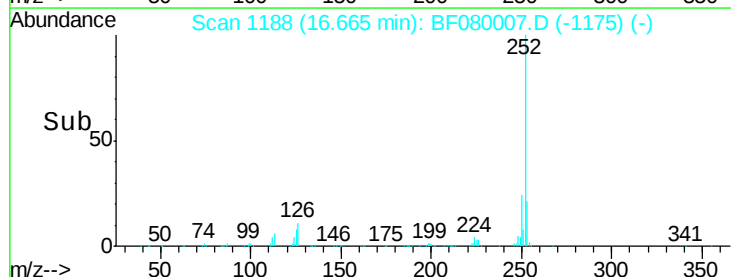
125 8.1 9.7 14.5#

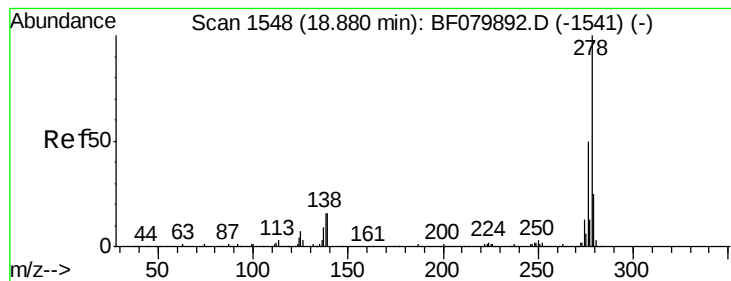


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 28.05 ng

RT: 18.63 min Scan# 1360

Delta R.T. -0.07 min

Lab File: BF080007.D

Acq: 17 Jun 2015 2:06

Instrument :

BNA_F

ClientSampleId :

C-2MS

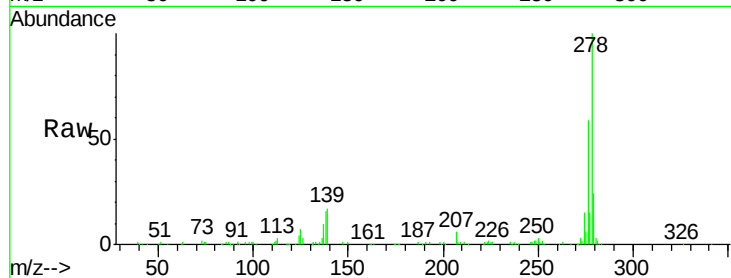
Tgt Ion: 278 Resp: 336813

Ion Ratio Lower Upper

278 100

139 17.1 12.8 19.2

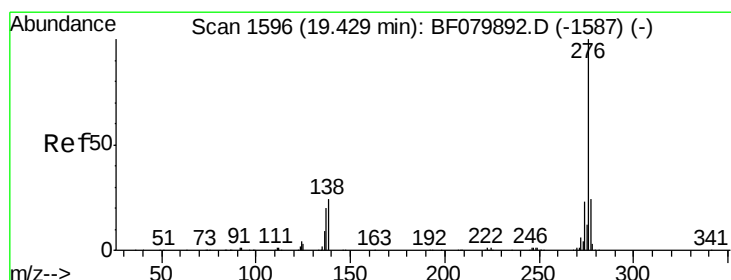
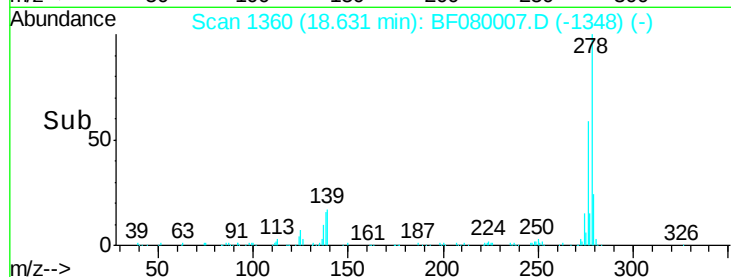
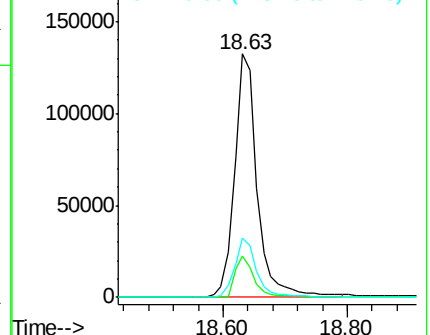
279 24.2 19.7 29.5



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 27.78 ng

RT: 19.18 min Scan# 1408

Delta R.T. -0.06 min

Lab File: BF080007.D

Acq: 17 Jun 2015 2:06

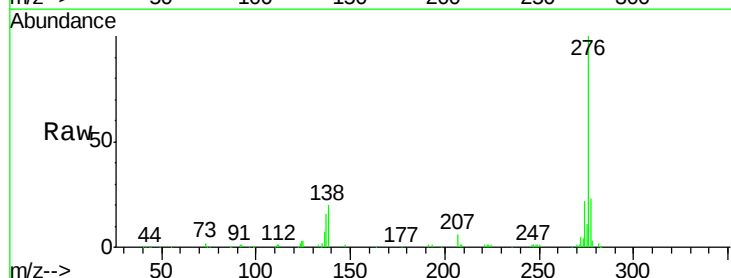
Tgt Ion: 276 Resp: 345070

Ion Ratio Lower Upper

276 100

277 23.0 19.4 29.2

138 19.6 19.1 28.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

