

Data Path : Z:\HPCHEM1\BNA F\Data\BF020515\
 Data File : BF077197.D
 Acq On : 5 Feb 2015 23:23
 Operator : TP/IZ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 06 01:29:26 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 06 01:12:44 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	24902	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	97692	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	51405	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	89803	20.00	ng	0.00
75) Chrysene-d12	21.07	240	90027	20.00	ng	0.00
86) Perylene-d12	22.71	264	80095	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	4.70	112	117379	77.50	ng	0.01
7) Phenol-d6	7.09	99	142294	74.47	ng	0.00
23) Nitrobenzene-d5	8.99	82	145242	82.37	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	32713	78.40	ng	-0.01
44) 2-Fluorobiphenyl	13.24	172	293435	86.87	ng	0.00
78) Terphenyl-d14	19.81	244	326043	83.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.09	88	26333	40.60	ng	92
3) Pyridine	1.54	79	67737	40.36	ng	99
4) n-Nitrosodimethylamine	1.50	42	31641	38.06	ng	96
6) Aniline	6.97	93	97783	36.98	ng	98
8) 2-Chlorophenol	7.21	128	66472	38.07	ng	92
9) Benzaldehyde	6.69	77	34524	30.23	ng	97
10) Phenol	7.12	94	71084	35.04	ng	91
11) bis(2-Chloroethyl)ether	7.23	93	62970	39.67	ng	# 77
12) 1,3-Dichlorobenzene	7.53	146	78197	39.36	ng	99
13) 1,4-Dichlorobenzene	7.72	146	79046	37.52	ng	98
14) 1,2-Dichlorobenzene	8.03	146	75009	38.65	ng	96
15) Benzyl Alcohol	8.13	79	56925	36.82	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.48	45	86552	40.56	ng	87
17) 2-Methylphenol	8.49	107	51836	36.33	ng	96
18) Hexachloroethane	8.77	117	29847	40.74	ng	97
19) n-Nitroso-di-n-propylamine	8.76	70	49408	36.94	ng	# 92
20) 3+4-Methylphenols	8.86	107	58283	30.85	ng	96
22) Acetophenone	8.68	105	97223	40.63	ng	99
24) Nitrobenzene	9.04	77	70054	39.00	ng	98
25) Isophorone	9.63	82	128878	40.13	ng	97
26) 2-Nitrophenol	9.78	139	32074	35.35	ng	91
27) 2,4-Dimethylphenol	10.06	122	54146	38.98	ng	94
28) bis(2-Chloroethoxy)methane	10.26	93	74590	40.87	ng	98
29) 2,4-Dichlorophenol	10.38	162	46082	35.59	ng	95
30) 1,2,4-Trichlorobenzene	10.51	180	61085	42.48	ng	95
31) Naphthalene	10.64	128	205563	40.87	ng	99
32) Benzoic acid	10.46	122	10551	13.71	ng	# 89
33) 4-Chloroaniline	10.90	127	74209	36.51	ng	96
34) Hexachlorobutadiene	11.00	225	35504	41.61	ng	100
35) Caprolactam	11.76	113	11797	30.95	ng	# 74
36) 4-Chloro-3-methylphenol	12.20	107	55661	37.55	ng	99
37) 2-Methylnaphthalene	12.29	142	142084	41.37	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.69	216	53299	41.94	ng	97
40) Hexachlorocyclopentadiene	12.68	237	25658	39.93	ng	98

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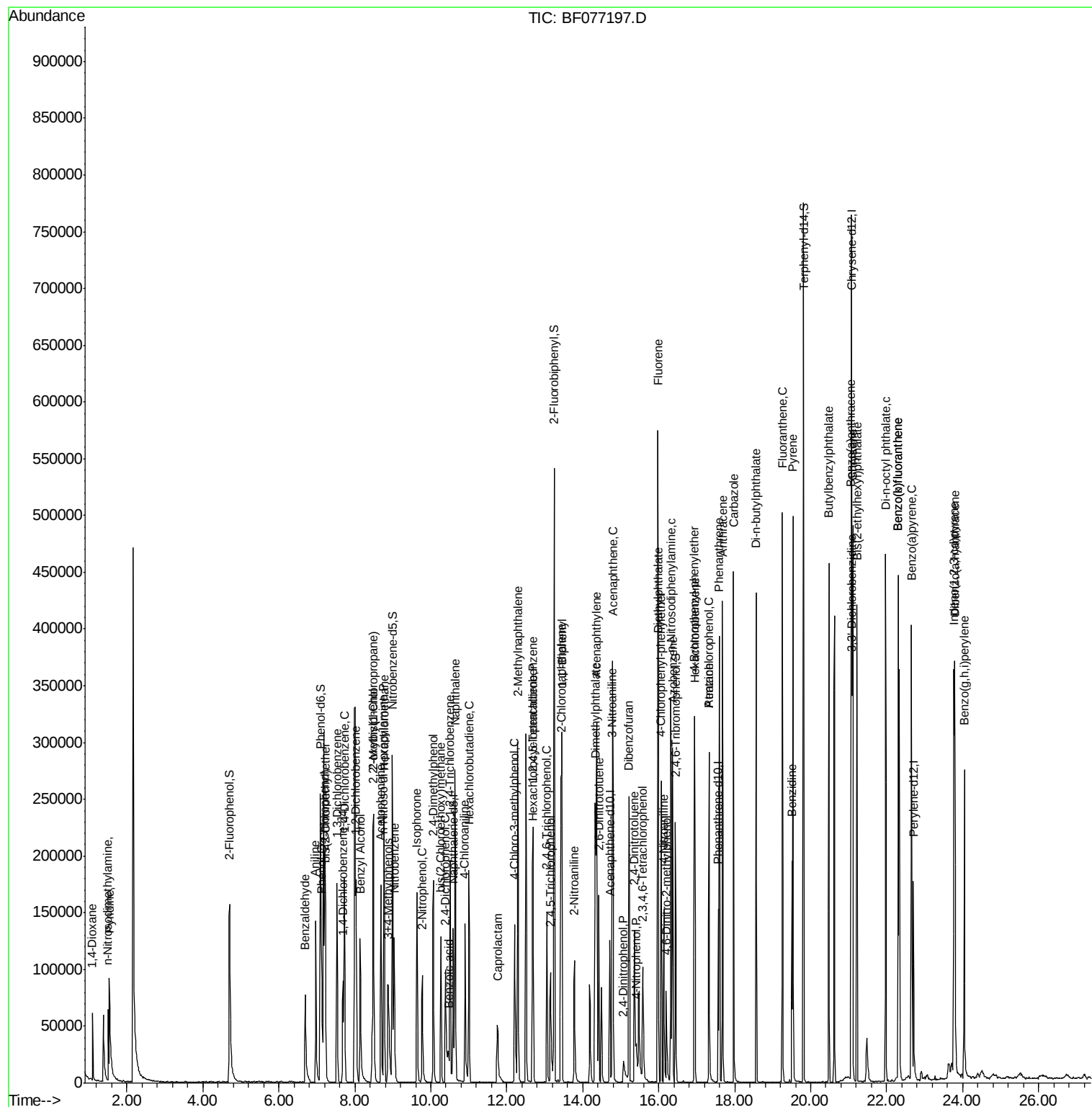
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.05	196	37338	40.32	nq	99
43) 2,4,5-Trichlorophenol	13.15	196	34743	36.79	nq	94
45) 1,1'-Biphenyl	13.45	154	163207	42.83	nq	98
46) 2-Chloronaphthalene	13.43	162	133891	42.70	nq	99
47) 2-Nitroaniline	13.78	65	39126	41.13	nq	93
48) Acenaphthylene	14.36	152	226883	42.89	nq	99
49) Dimethylphthalate	14.33	163	159211	43.67	nq	98
50) 2,6-Dinitrotoluene	14.42	165	31151	42.77	nq	# 86
51) Acenaphthene	14.79	154	124268	41.41	nq	95
52) 3-Nitroaniline	14.77	138	35495	37.72	nq	# 93
53) 2,4-Dinitrophenol	15.07	184	7358	30.12	nq	# 85
54) Dibenzofuran	15.22	168	184515	42.21	nq	97
55) 4-Nitrophenol	15.40	139	14938	26.14	nq	100
56) 2,4-Dinitrotoluene	15.36	165	42353	39.19	nq	92
57) Fluorene	15.97	166	156405	42.23	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.57	232	19496	28.35	nq	# 79
59) Diethylphthalate	15.99	149	164086	44.53	nq	99
60) 4-Chlorophenyl-phenylether	16.07	204	66451	43.85	nq	96
61) 4-Nitroaniline	16.13	138	34261	37.63	nq	89
62) Azobenzene	16.36	77	173785	45.27	nq	98
64) 4,6-Dinitro-2-methylphenol	16.21	198	18236	32.73	nq	84
65) n-Nitrosodiphenylamine	16.32	169	130549	40.77	nq	97
66) 4-Bromophenyl-phenylether	16.93	248	37116	40.80	nq	96
67) Hexachlorobenzene	16.95	284	40809	42.56	nq	# 85
68) Atrazine	17.32	200	38045	39.15	nq	98
69) Pentachlorophenol	17.32	266	10680	29.10	nq	98
70) Phenanthrene	17.60	178	226414	40.43	nq	99
71) Anthracene	17.68	178	219230	40.14	nq	99
72) Carbazole	17.97	167	220349	41.60	nq	99
73) Di-n-butylphthalate	18.57	149	272780	44.49	nq	99
74) Fluoranthene	19.25	202	241163	42.03	nq	98
76) Benzidine	19.51	184	105186	36.51	nq	99
77) Pyrene	19.54	202	257063	41.66	nq	99
79) Butylbenzylphthalate	20.48	149	120918	43.27	nq	92
80) Benzo(a)anthracene	21.06	228	234851	41.58	nq	98
81) 3,3'-Dichlorobenzidine	21.08	252	73647	41.03	nq	# 95
82) Chrysene	21.11	228	212042	41.17	nq	98
83) Bis(2-ethylhexyl)phthalate	21.22	149	176038	45.53	nq	98
84) Di-n-octyl phthalate	21.97	149	303080	45.17	nq	98
85) Indeno(1,2,3-cd)pyrene	23.77	276	238504	43.69	nq	# 84
87) Benzo(b)fluoranthene	22.31	252	216945	40.22	nq	# 96
88) Benzo(k)fluoranthene	22.31	252	216945	46.03	nq	98
89) Benzo(a)pyrene	22.65	252	203800	42.83	nq	98
90) Dibenzo(a,h)anthracene	23.79	278	188486	43.17	nq	# 94
91) Benzo(g,h,i)perylene	24.04	276	194184	44.74	nq	98

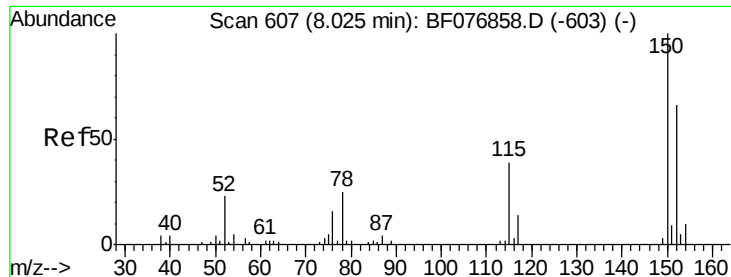
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\Data\BF020515\
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Instrument :
BNA_F
ClientSampled :

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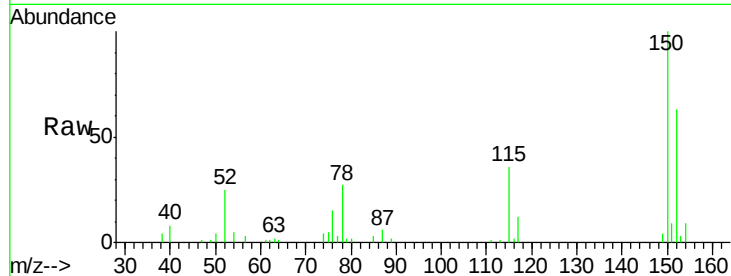


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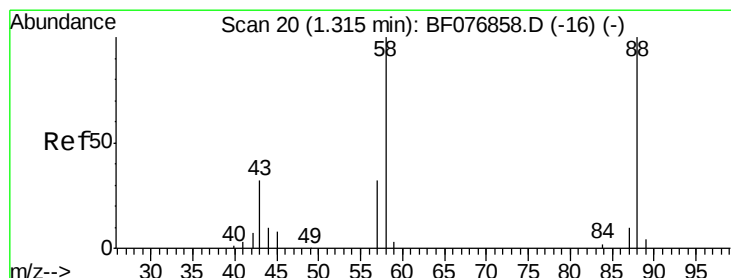
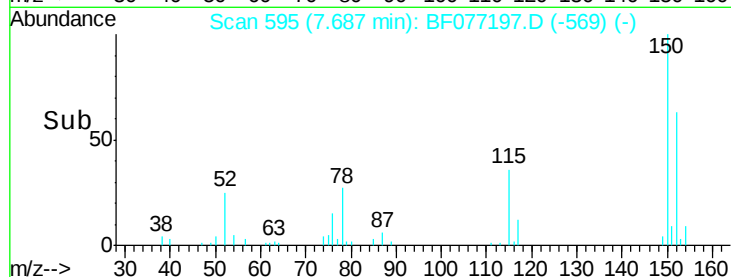
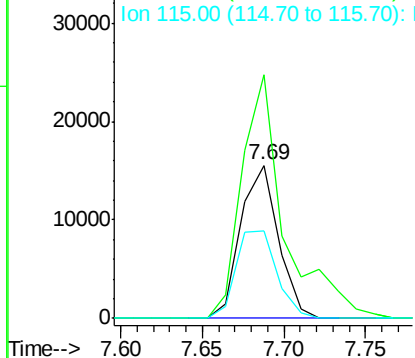
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 595
Delta R.T. -0.00 min
Lab File: BF077197.D
Acq: 5 Feb 2015 23:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 24902
Ion Ratio Lower Upper
152 100
150 159.0 121.7 182.5
115 57.0 47.0 70.6



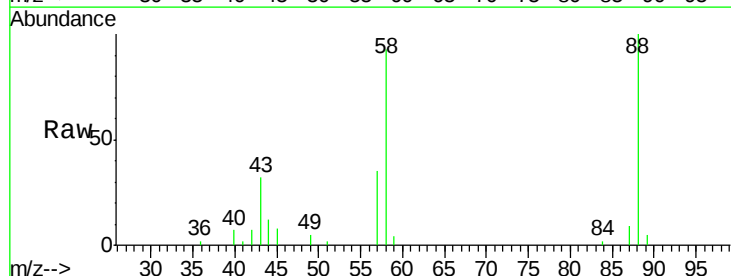
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



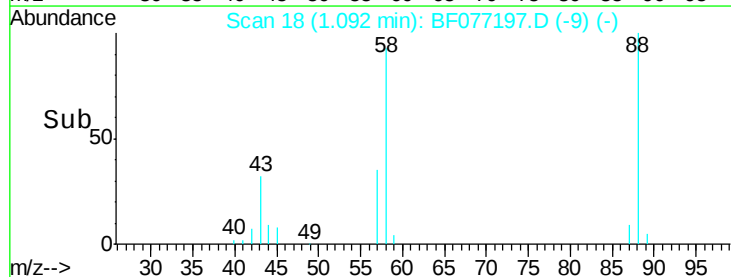
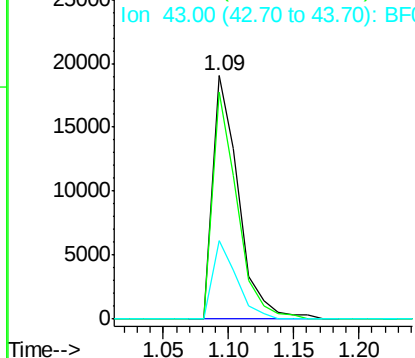
#2

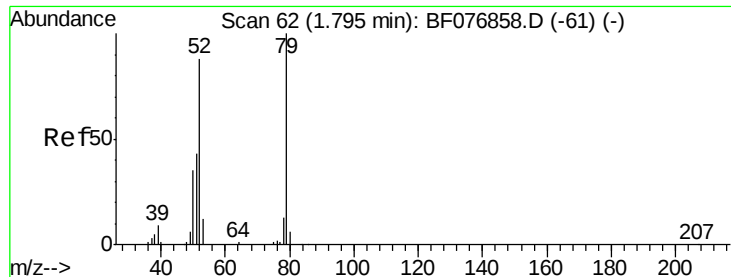
1,4-Dioxane
Concen: 40.60 ng
RT: 1.09 min Scan# 18
Delta R.T. -0.00 min
Lab File: BF077197.D
Acq: 5 Feb 2015 23:23

Tgt Ion: 88 Resp: 26333
Ion Ratio Lower Upper
88 100
58 87.9 77.0 115.4
43 29.5 25.6 38.4



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 40.36 ng

RT: 1.54 min Scan# 57

Delta R.T. -0.00 min

Lab File: BF077197.D

Acq: 5 Feb 2015 23:23

Instrument :

BNA_F

ClientSampleId :

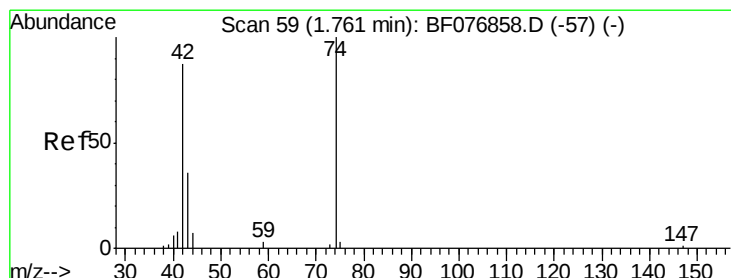
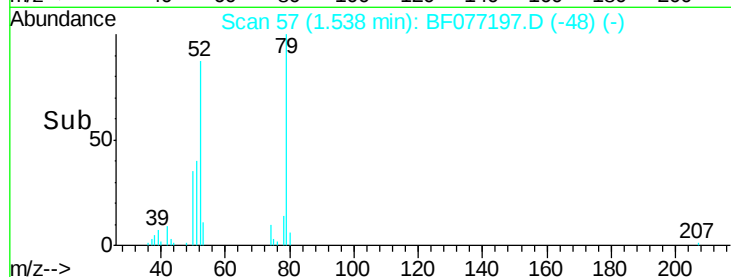
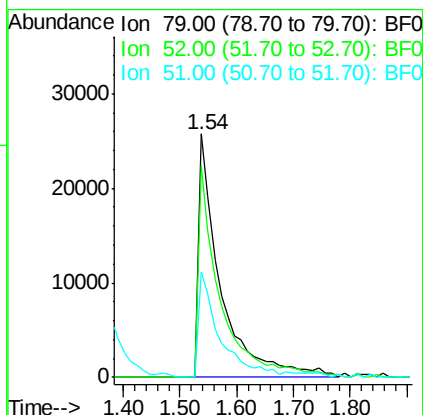
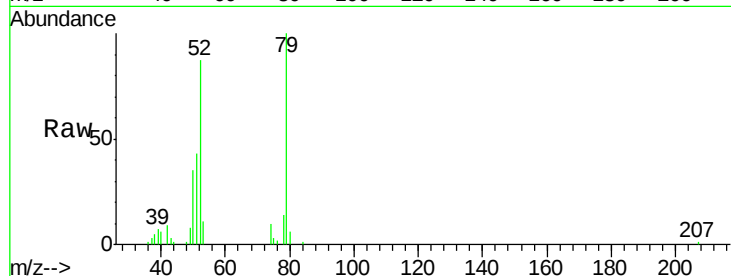
Tot Ion: 79 Resp: 67737

Ion Ratio Lower Upper

79 100

52 87.1 70.1 105.1

51 43.4 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 38.06 ng

RT: 1.50 min Scan# 54

Delta R.T. -0.00 min

Lab File: BF077197.D

Acq: 5 Feb 2015 23:23

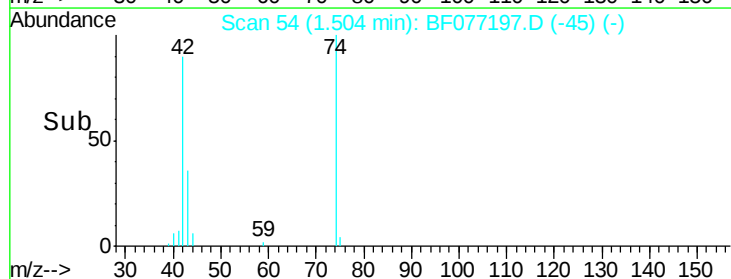
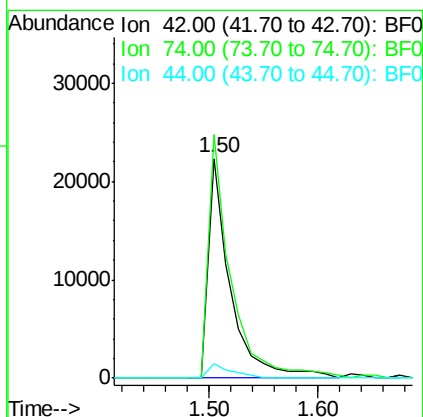
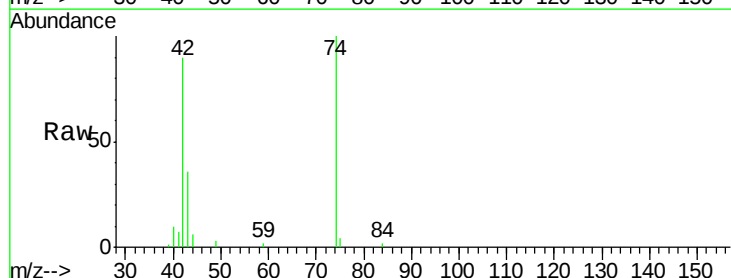
Tgt Ion: 42 Resp: 31641

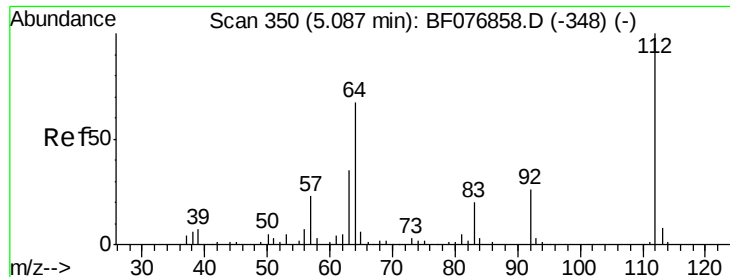
Ion Ratio Lower Upper

42 100

74 110.8 92.4 138.6

44 6.5 6.2 9.2





#5

2-Fluorophenol

Concen: 77.50 ng

RT: 4.70 min Scan# 334

Delta R.T. 0.01 min

Lab File: BF077197.D

Acq: 5 Feb 2015 23:23

Instrument :

BNA_F

ClientSampled :

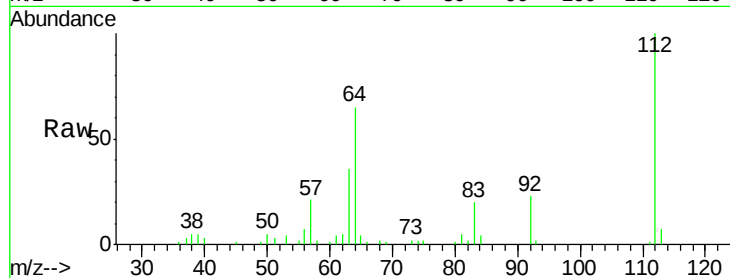
Tot Ion: 112 Resp: 117379

Ion Ratio Lower Upper

112 100

64 65.2 54.2 81.4

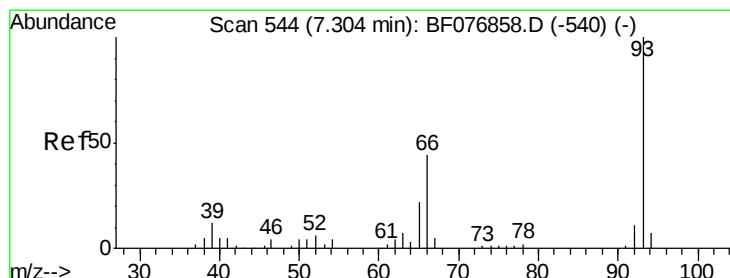
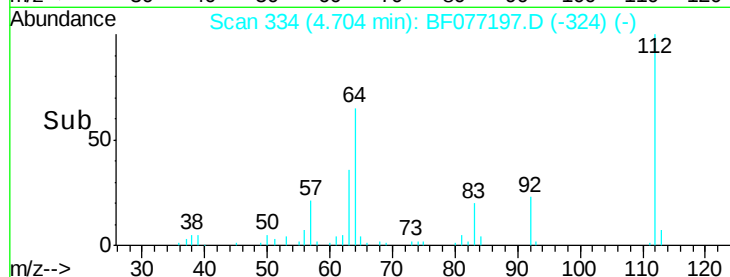
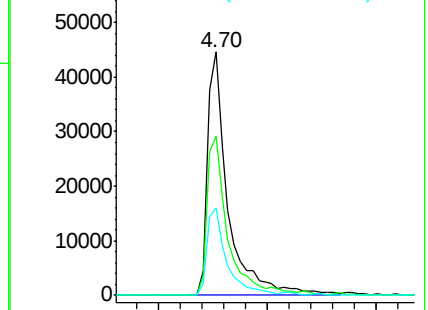
63 36.0 28.4 42.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 36.98 ng

RT: 6.97 min Scan# 532

Delta R.T. -0.00 min

Lab File: BF077197.D

Acq: 5 Feb 2015 23:23

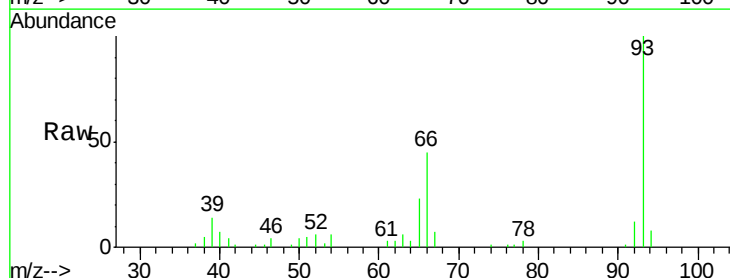
Tgt Ion: 93 Resp: 97783

Ion Ratio Lower Upper

93 100

66 45.1 35.0 52.4

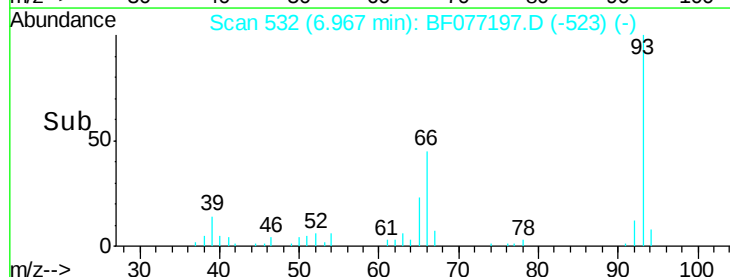
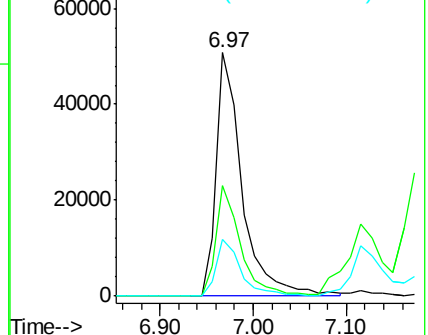
65 23.4 17.7 26.5

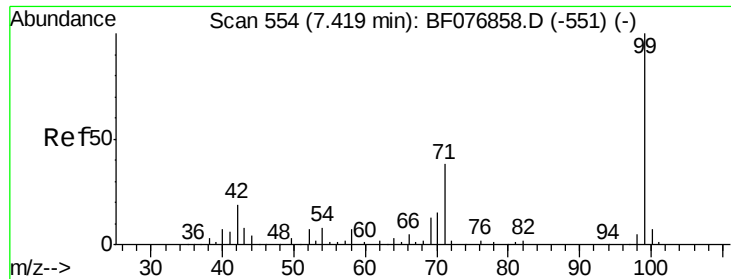


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 74.47 ng

RT: 7.09 min Scan# 543

Delta R.T. -0.00 min

Lab File: BF077197.D

Acq: 5 Feb 2015 23:23

Instrument :

BNA_F

ClientSampled :

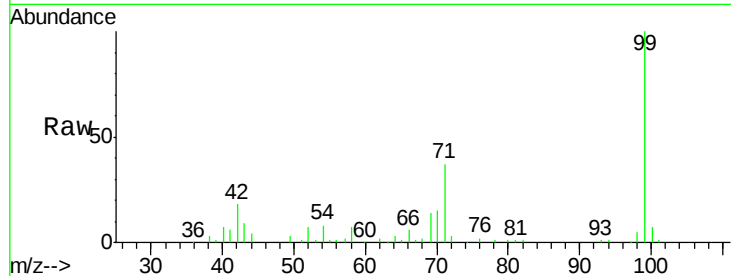
Tot Ion: 99 Resp: 142294

Ion Ratio Lower Upper

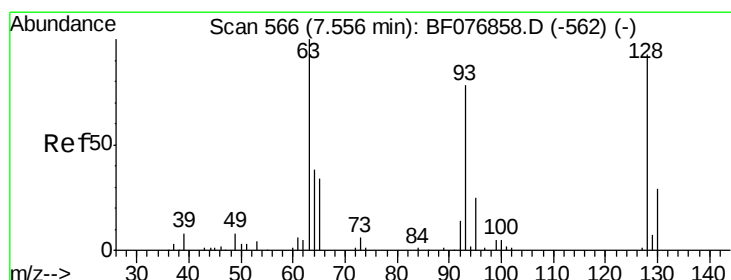
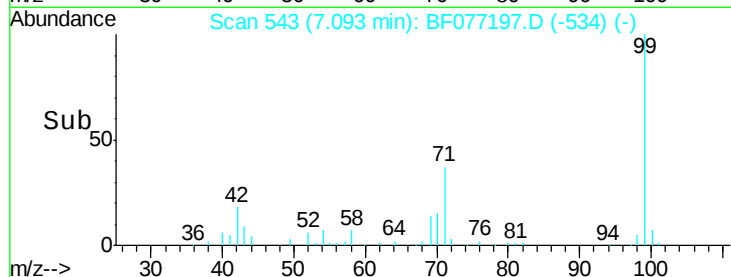
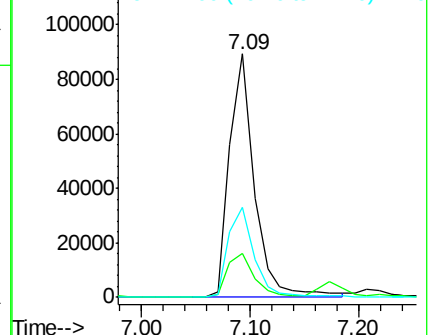
99 100

42 18.0 15.0 22.4

71 37.1 30.5 45.7



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: 38.07 ng

RT: 7.21 min Scan# 553

Delta R.T. -0.00 min

Lab File: BF077197.D

Acq: 5 Feb 2015 23:23

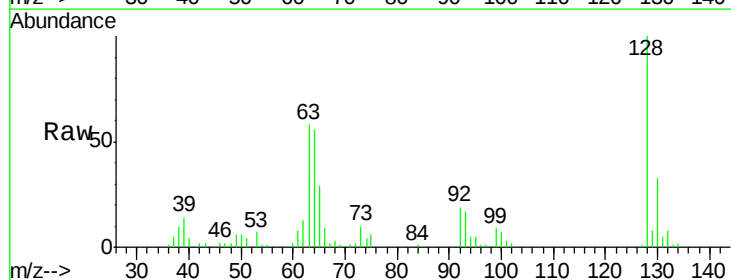
Tgt Ion: 128 Resp: 66472

Ion Ratio Lower Upper

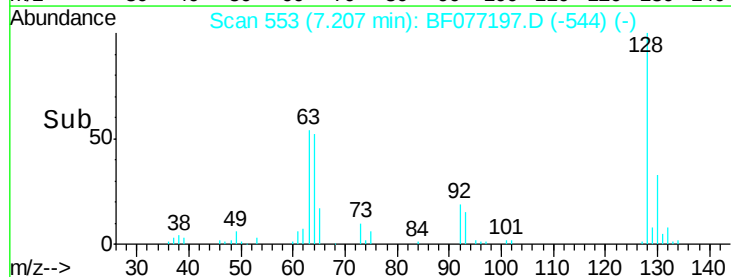
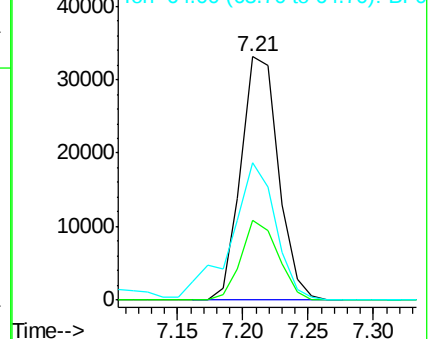
128 100

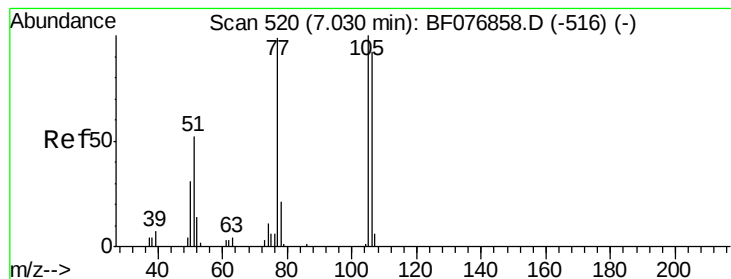
130 32.9 11.0 51.0

64 56.4 29.3 69.3



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: 30.23 ng

RT: 6.69 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF077197.D

Acq: 5 Feb 2015 23:23

Instrument :

BNA_F

ClientSampleId :

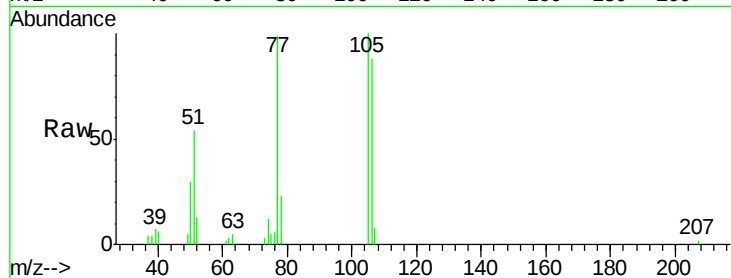
Tot Ion: 77 Resp: 34524

Ion Ratio Lower Upper

77 100

105 100.6 81.4 121.4

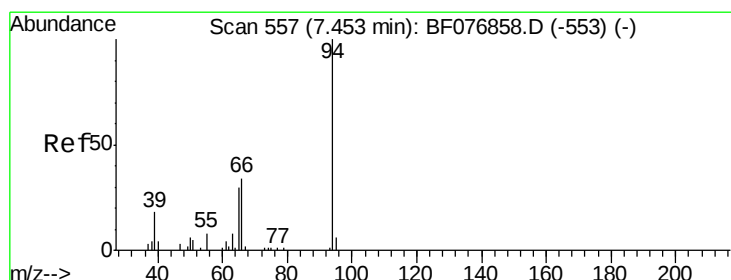
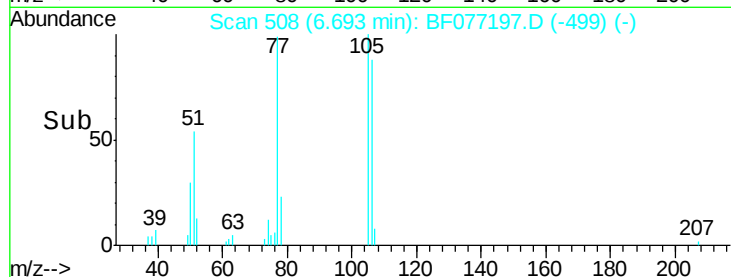
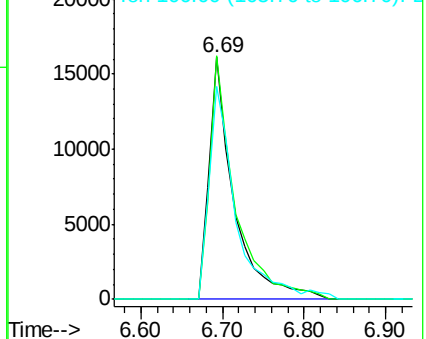
106 88.3 72.8 112.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 35.04 ng

RT: 7.12 min Scan# 545

Delta R.T. -0.00 min

Lab File: BF077197.D

Acq: 5 Feb 2015 23:23

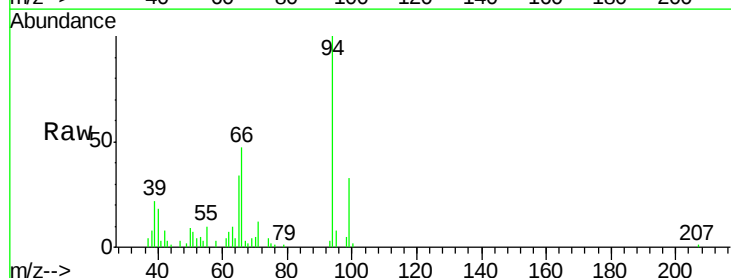
Tgt Ion: 94 Resp: 71084

Ion Ratio Lower Upper

94 100

65 33.7 11.3 51.3

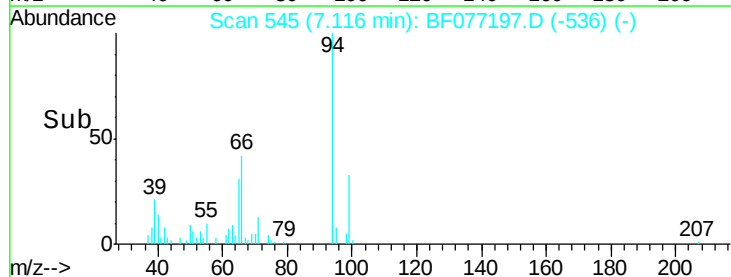
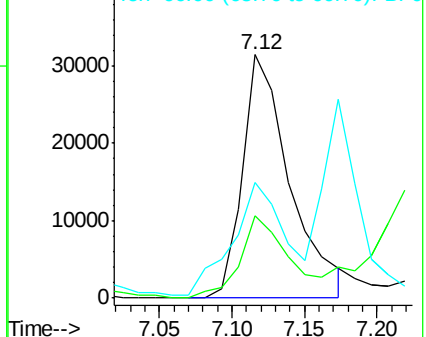
66 47.5 19.5 59.5

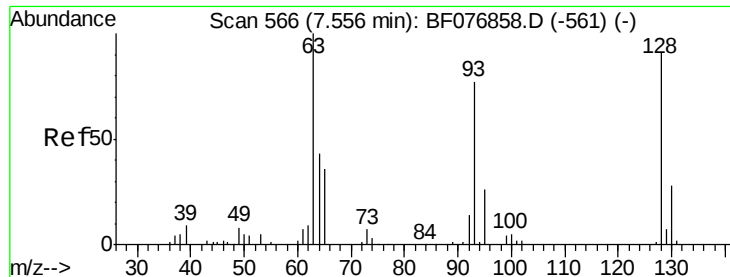


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

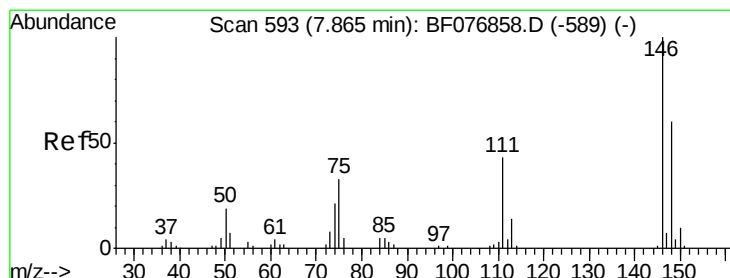
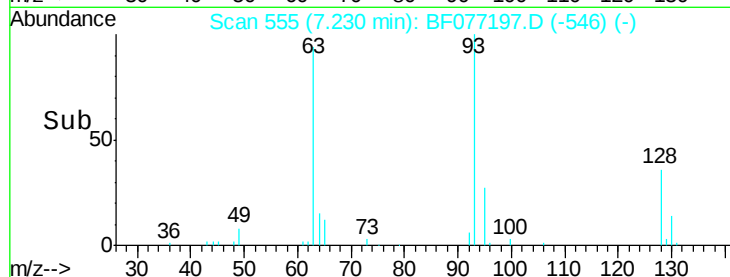
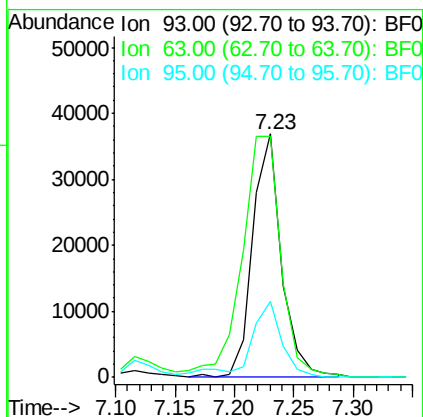
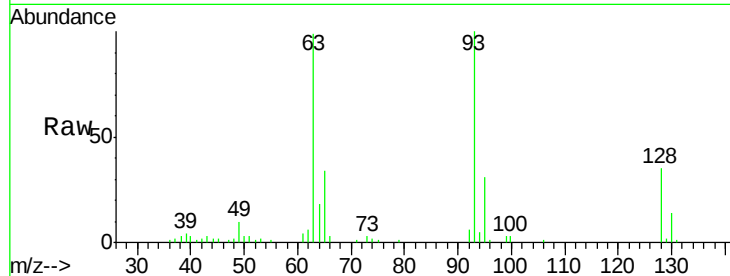




#11
bis(2-Chloroethyl)ether
Concen: 39.67 ng
RT: 7.23 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF077197.D
Acq: 5 Feb 2015 23:23

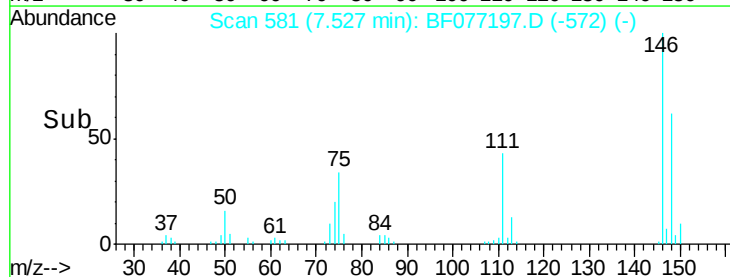
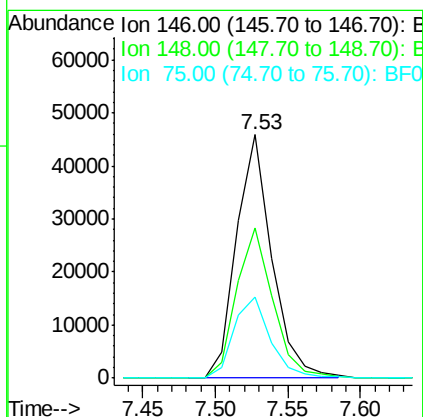
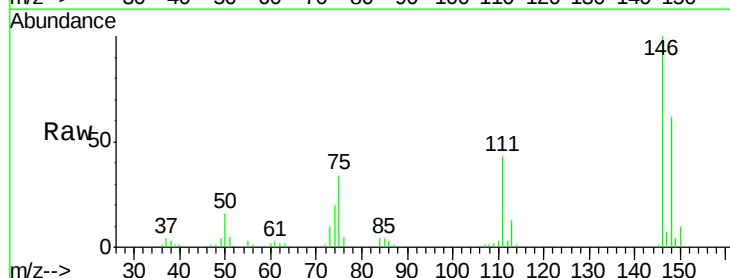
Instrument :
BNA_F
ClientSampleId :

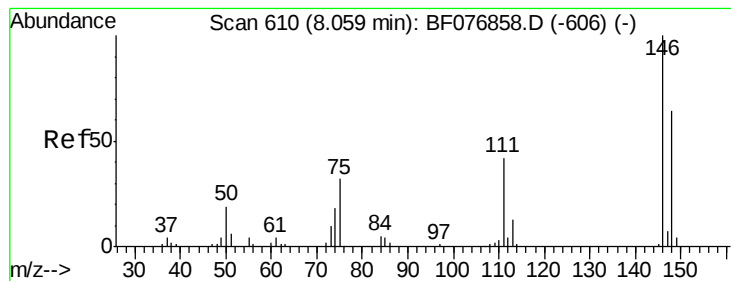
Tot Ion: 93 Resp: 62970
Ion Ratio Lower Upper
93 100
63 99.1 111.3 151.3#
95 31.4 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 39.36 ng
RT: 7.53 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF077197.D
Acq: 5 Feb 2015 23:23

Tgt Ion: 146 Resp: 78197
Ion Ratio Lower Upper
146 100
148 61.8 48.1 72.1
75 33.5 26.8 40.2





#13

1,4-Dichlorobenzene

Concen: 37.52 ng

RT: 7.72 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF077197.D

Acq: 5 Feb 2015 23:23

Instrument :

BNA_F

ClientSampleId :

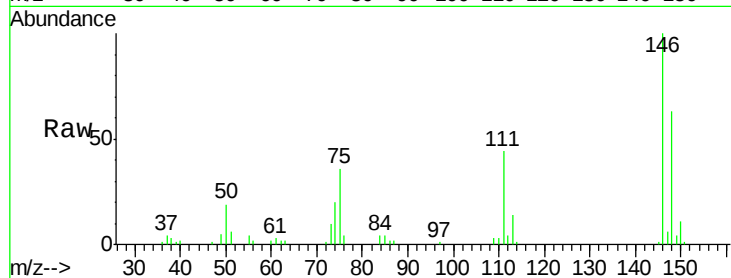
Tot Ion:146 Resp: 79046

Ion Ratio Lower Upper

146 100

148 63.3 51.5 77.3

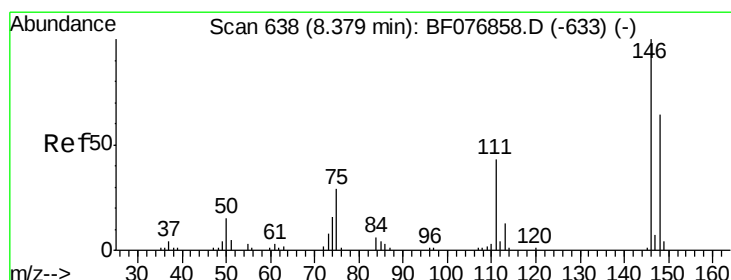
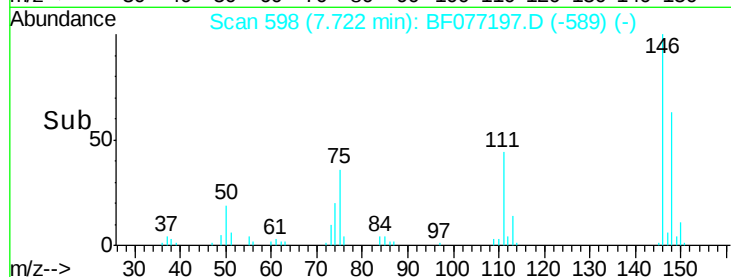
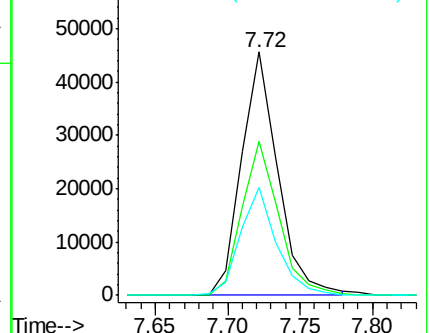
111 44.5 33.9 50.9



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



#14

1,2-Dichlorobenzene

Concen: 38.65 ng

RT: 8.03 min Scan# 625

Delta R.T. -0.00 min

Lab File: BF077197.D

Acq: 5 Feb 2015 23:23

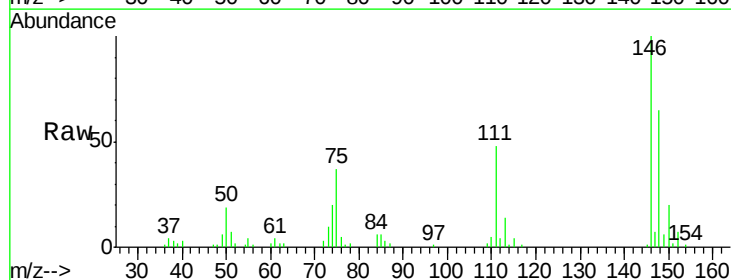
Tgt Ion:146 Resp: 75009

Ion Ratio Lower Upper

146 100

148 64.7 51.3 76.9

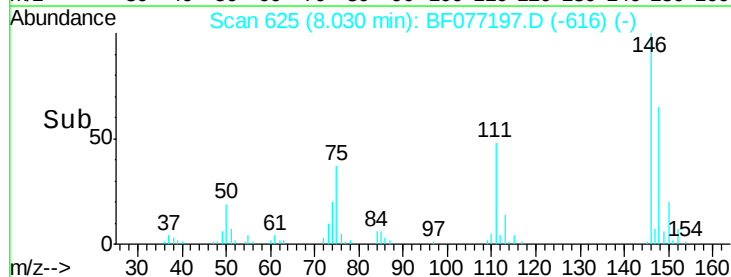
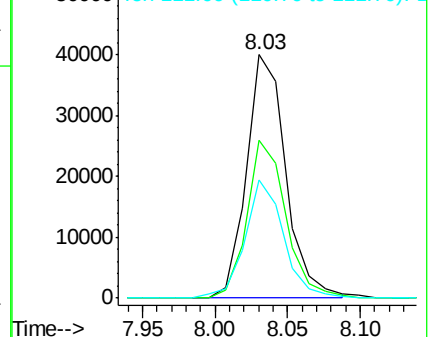
111 48.4 34.5 51.7

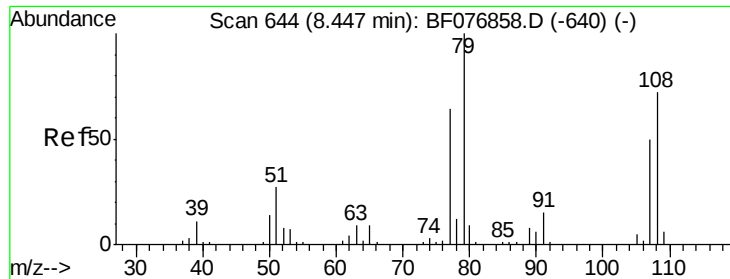


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.82 ng

RT: 8.13 min Scan# 634

Delta R.T. -0.00 min

Lab File: BF077197.D

Acq: 5 Feb 2015 23:23

Instrument :
BNA_F
ClientSampleId :

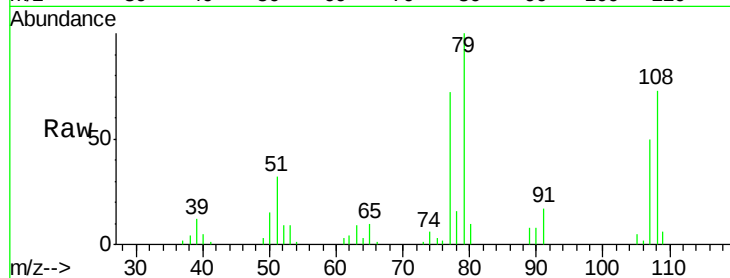
Tot Ion: 79 Resp: 56925

Ion Ratio Lower Upper

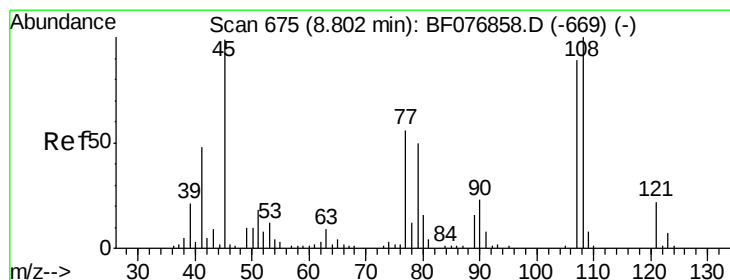
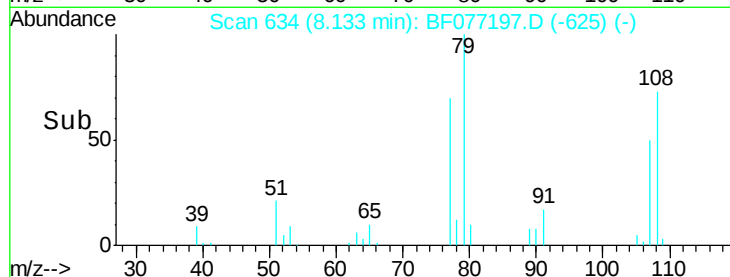
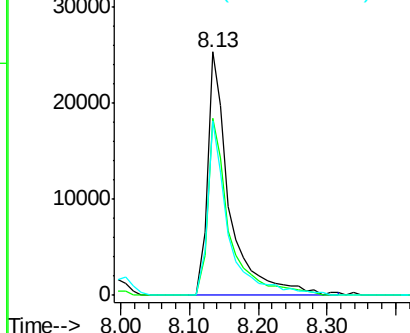
79 100

108 72.8 57.2 85.8

77 71.6 51.2 76.8



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: 40.56 ng

RT: 8.48 min Scan# 664

Delta R.T. -0.00 min

Lab File: BF077197.D

Acq: 5 Feb 2015 23:23

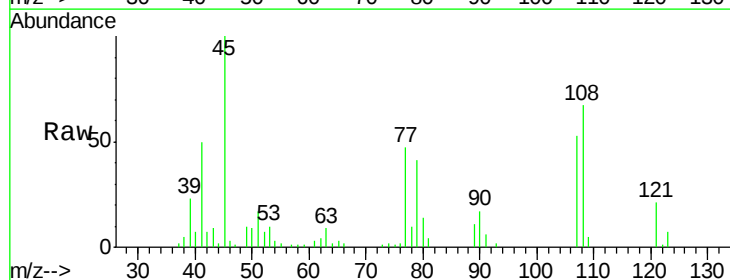
Tgt Ion: 45 Resp: 86552

Ion Ratio Lower Upper

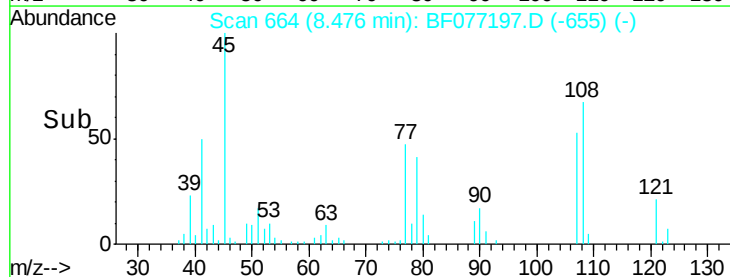
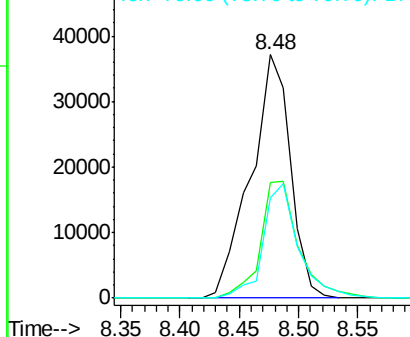
45 100

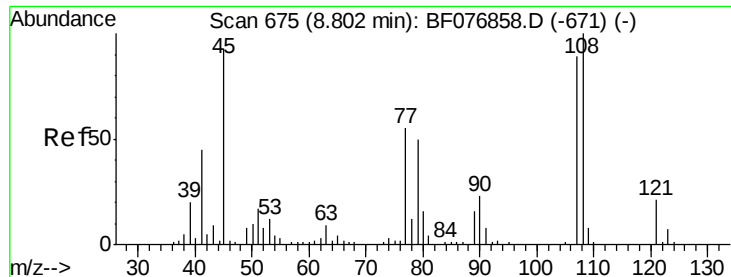
77 47.3 36.1 76.1

79 41.1 30.5 70.5



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

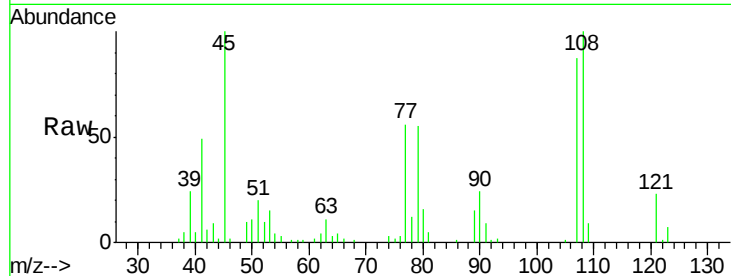




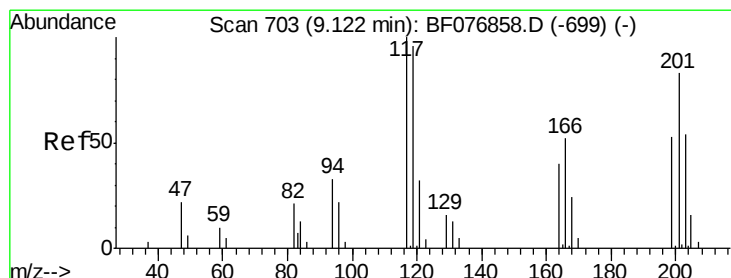
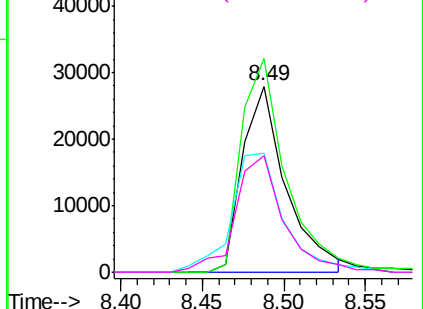
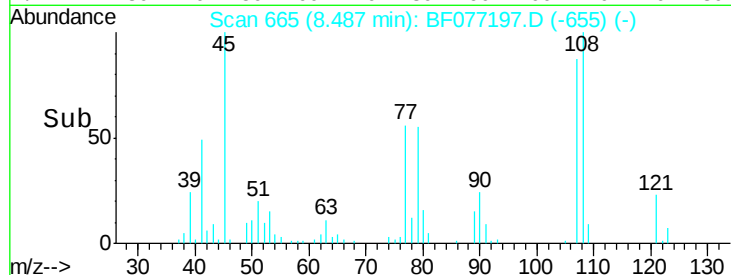
#17
2-Methylphenol
Concen: 36.33 ng
RT: 8.49 min Scan# 665
Delta R.T. 0.01 min
Lab File: BF077197.D
Acq: 5 Feb 2015 23:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 51836
Ion Ratio Lower Upper
107 100
108 114.7 89.7 134.5
77 63.7 50.1 75.1
79 62.5 45.0 67.6

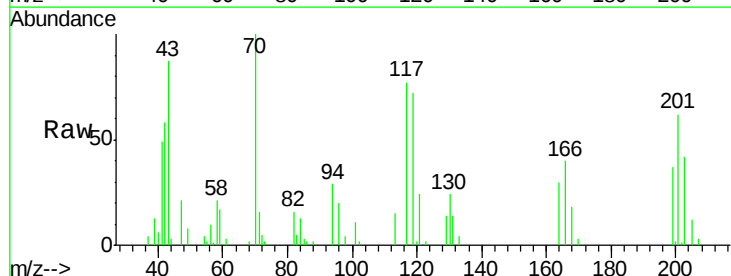


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

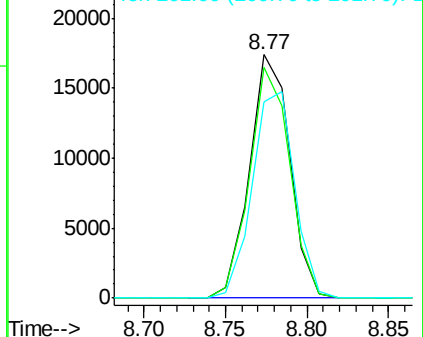
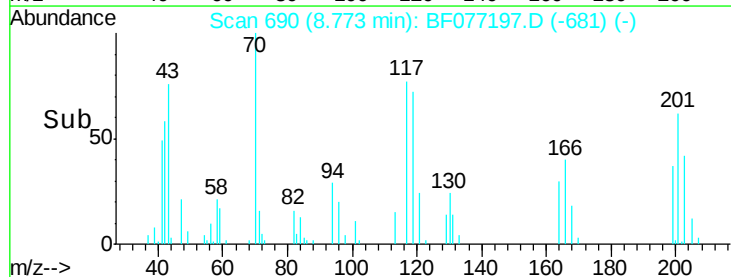


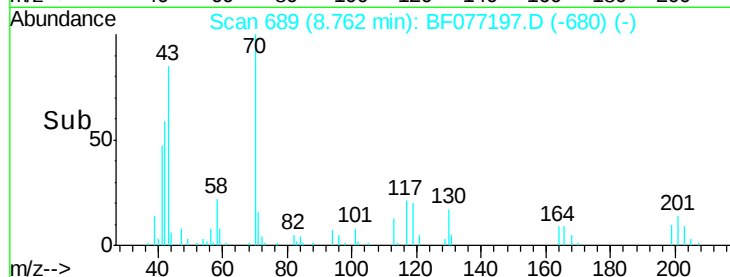
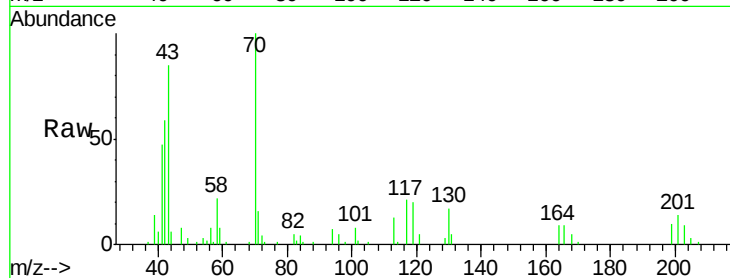
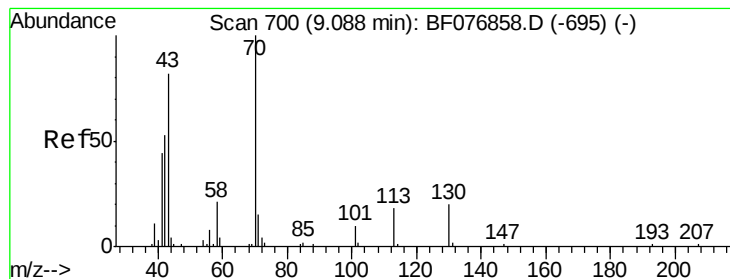
#18
Hexachloroethane
Concen: 40.74 ng
RT: 8.77 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF077197.D
Acq: 5 Feb 2015 23:23

Tgt Ion:117 Resp: 29847
Ion Ratio Lower Upper
117 100
119 94.7 77.1 115.7
201 80.5 66.8 100.2



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





#19

n-Nitroso-di-n-propylamine

Concen: 36.94 ng

RT: 8.76 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF077197.D

Acq: 5 Feb 2015 23:23

Instrument :

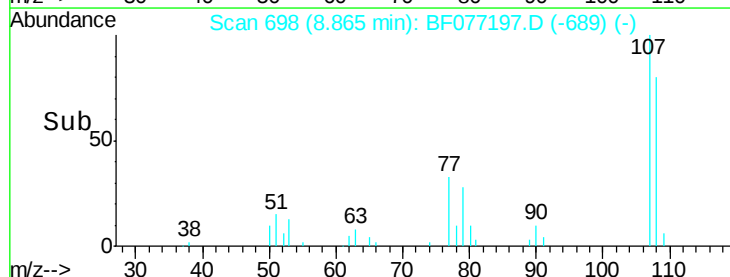
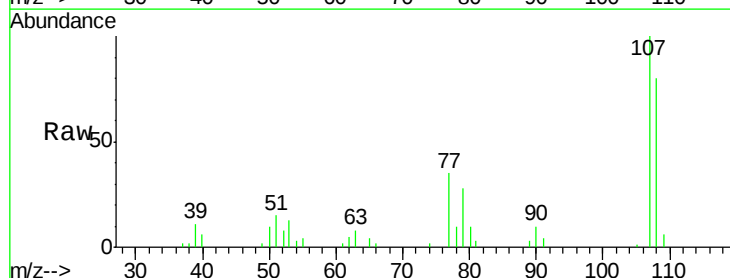
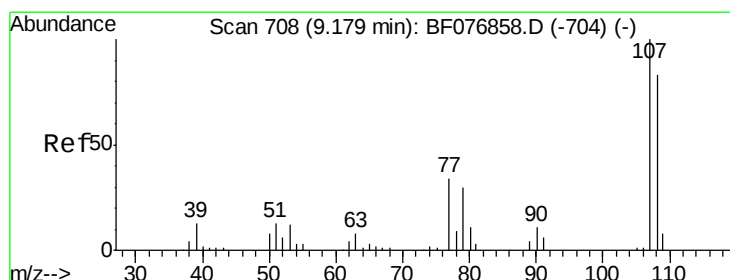
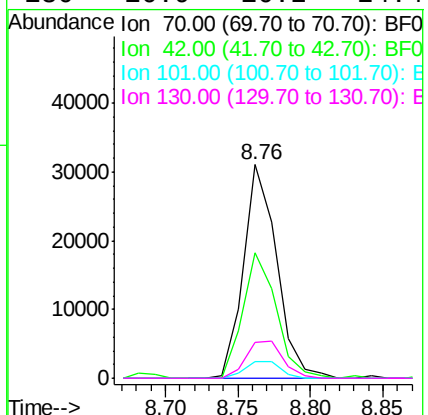
BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 49408

Ion Ratio Lower Upper

70	100		
42	58.6	42.1	63.1
101	7.6	7.8	11.8
130	16.9	16.2	24.4



#20

3+4-Methylphenols

Concen: 30.85 ng

RT: 8.86 min Scan# 698

Delta R.T. -0.00 min

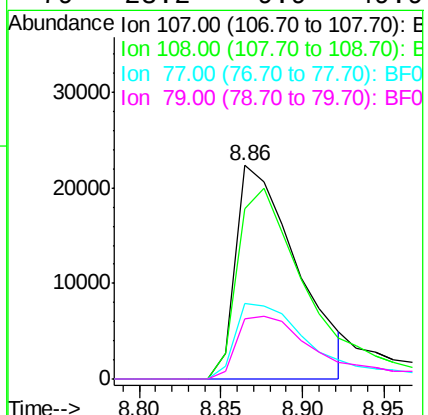
Lab File: BF077197.D

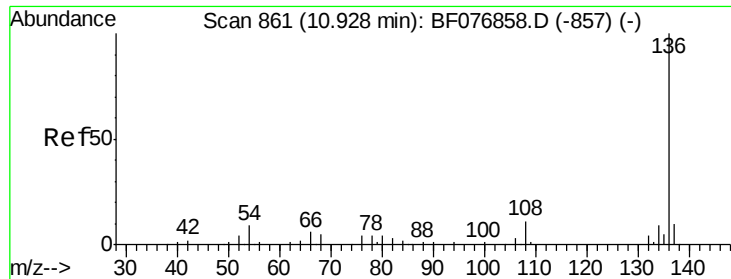
Acq: 5 Feb 2015 23:23

Tgt Ion: 107 Resp: 58283

Ion Ratio Lower Upper

107	100		
108	79.7	63.5	103.5
77	35.2	14.0	54.0
79	28.2	9.9	49.9

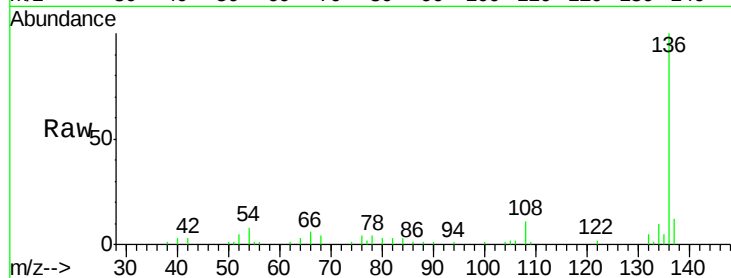




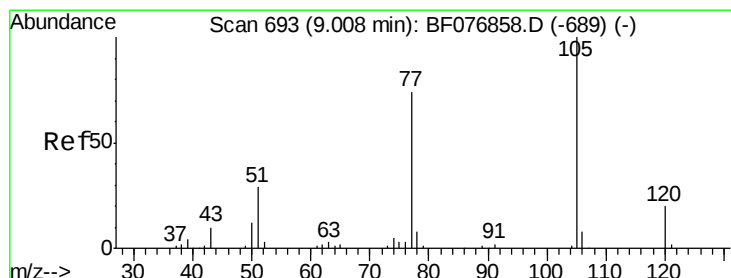
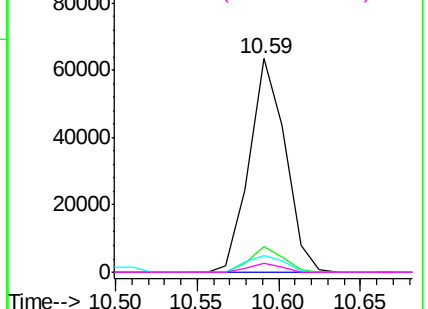
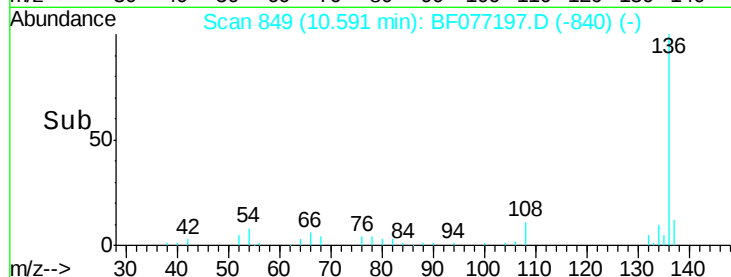
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.59 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF077197.D
Acq: 5 Feb 2015 23:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	97692
Ion Ratio	Lower	Upper
136	100	
137	12.1	8.1 12.1#
54	7.9	7.0 10.4
68	4.4	3.7 5.5

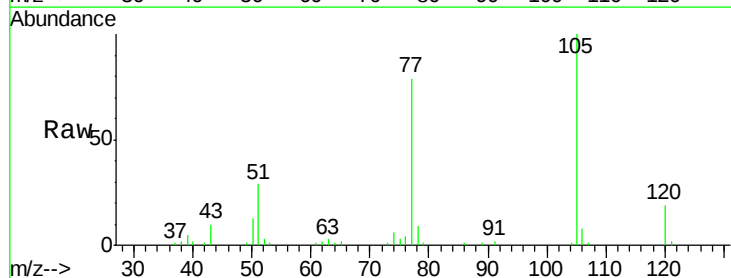


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

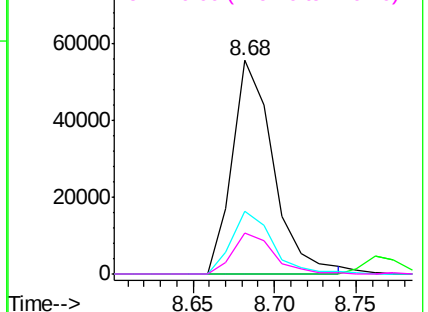
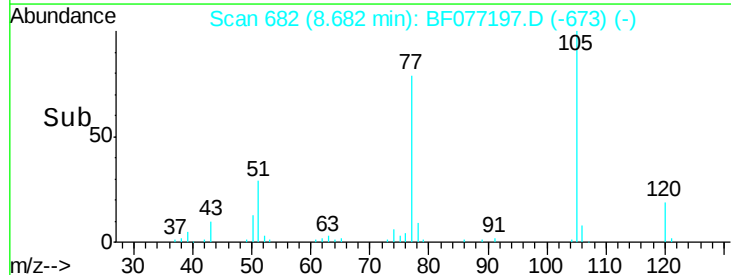


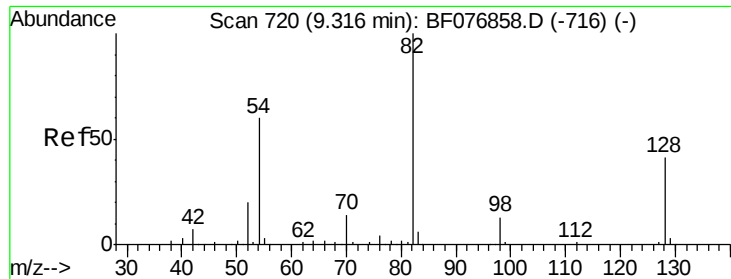
#22
Acetophenone
Concen: 40.63 ng
RT: 8.68 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF077197.D
Acq: 5 Feb 2015 23:23

Tgt Ion:105	Resp:	97223
Ion Ratio	Lower	Upper
105	100	
71	0.0	0.0 0.0
51	29.4	23.3 34.9
120	19.2	16.1 24.1



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

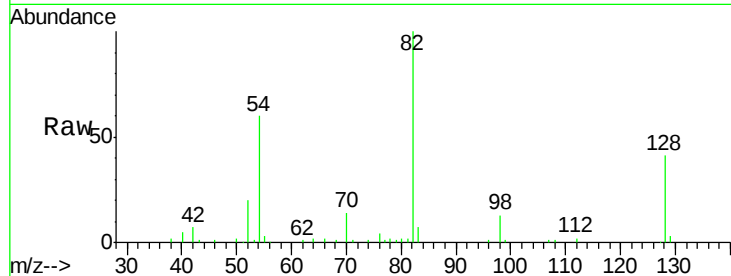




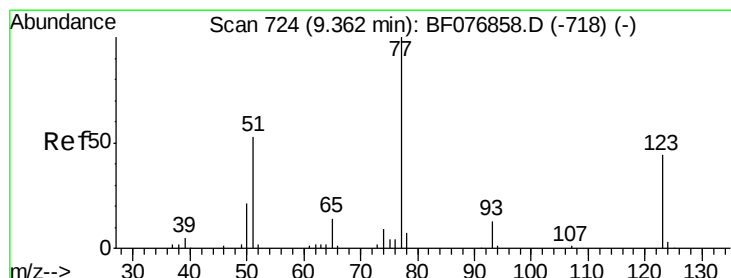
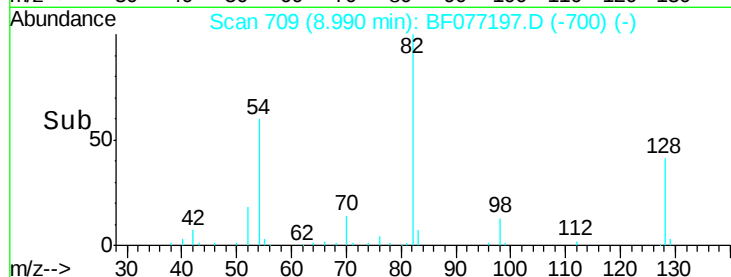
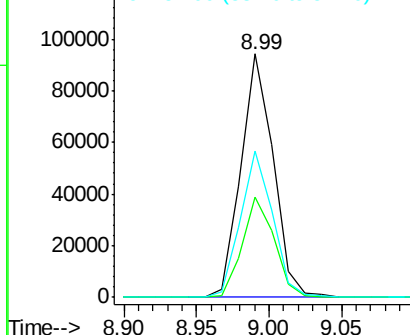
#23
Nitrobenzene-d5
Concen: 82.37 ng
RT: 8.99 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF077197.D
Acq: 5 Feb 2015 23:23

Instrument :
BNA_F
ClientSampleID :

Tot Ion: 82 Resp: 145242
Ion Ratio Lower Upper
82 100
128 41.1 33.1 49.7
54 60.3 48.3 72.5

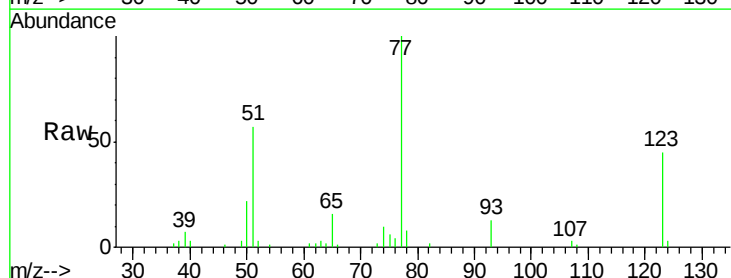


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

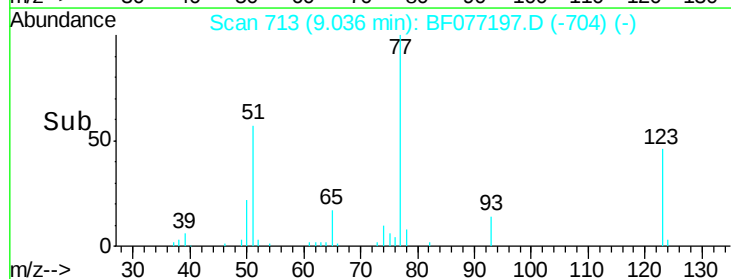
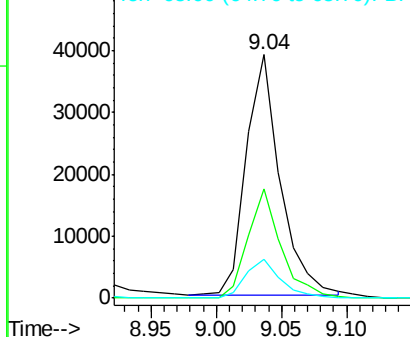


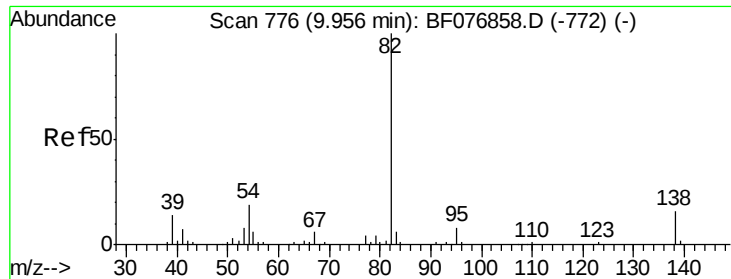
#24
Nitrobenzene
Concen: 39.00 ng
RT: 9.04 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF077197.D
Acq: 5 Feb 2015 23:23

Tgt Ion: 77 Resp: 70054
Ion Ratio Lower Upper
77 100
123 44.6 35.2 52.8
65 16.2 11.4 17.2



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: 40.13 ng

RT: 9.63 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF077197.D

Acq: 5 Feb 2015 23:23

Instrument :

BNA_F

ClientSampleId :

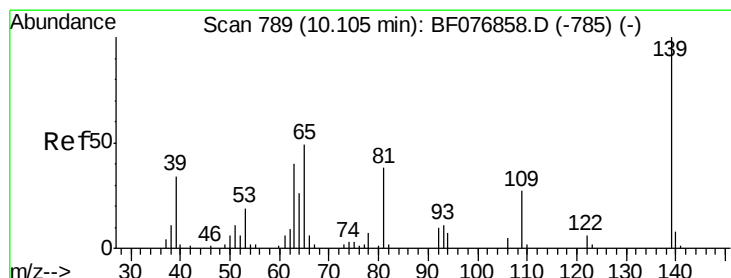
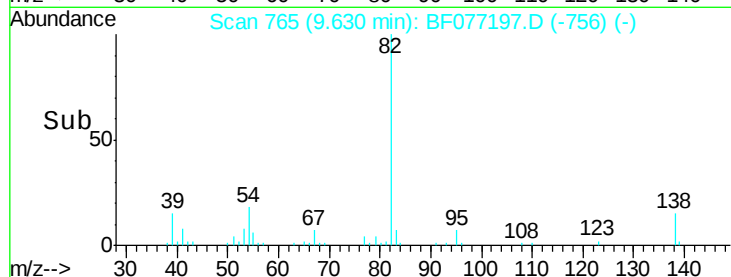
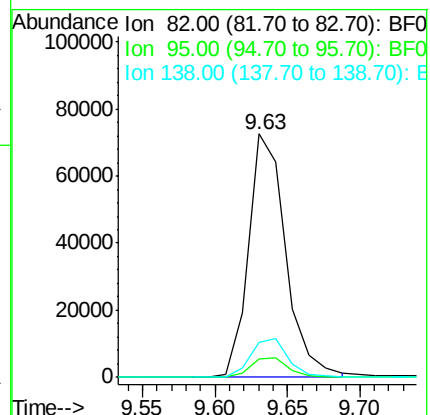
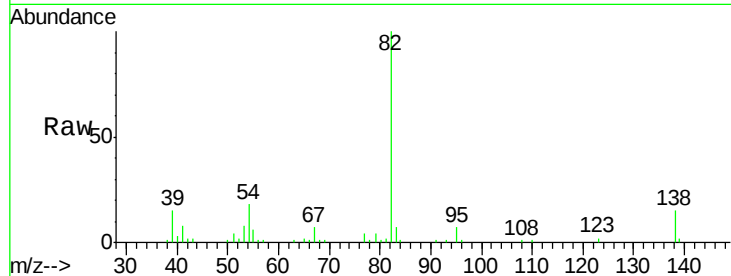
Tot Ion: 82 Resp: 128878

Ion Ratio Lower Upper

82 100

95 7.4 6.6 10.0

138 14.6 12.6 18.8



#26

2-Nitrophenol

Concen: 35.35 ng

RT: 9.78 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF077197.D

Acq: 5 Feb 2015 23:23

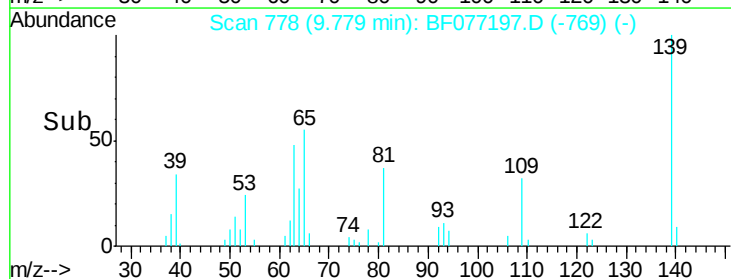
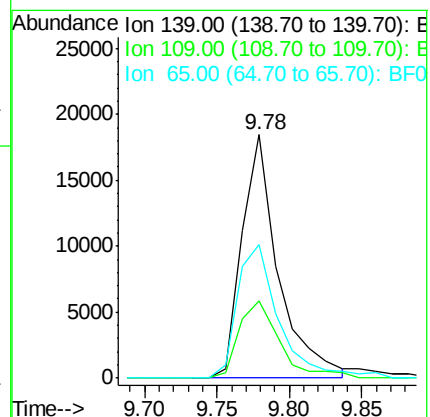
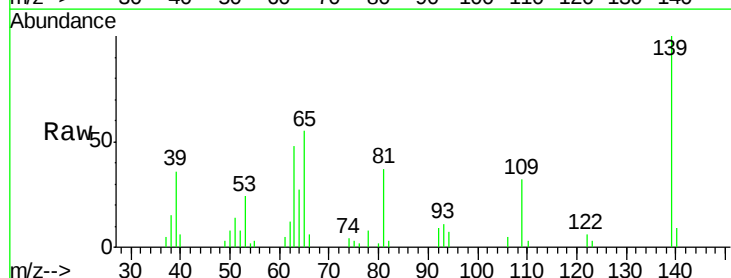
Tgt Ion: 139 Resp: 32074

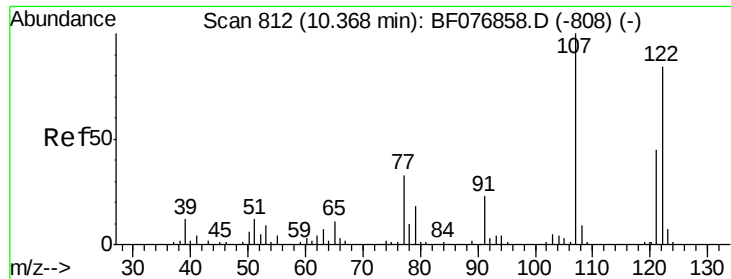
Ion Ratio Lower Upper

139 100

109 31.7 21.3 31.9

65 55.0 39.4 59.0

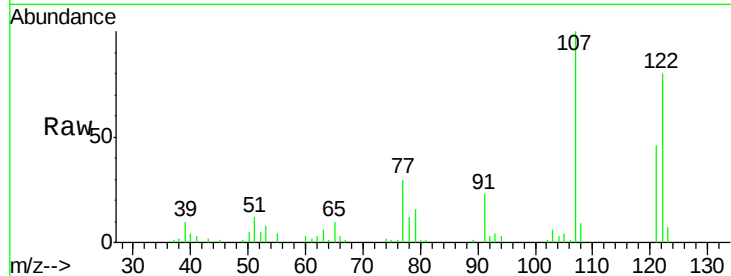




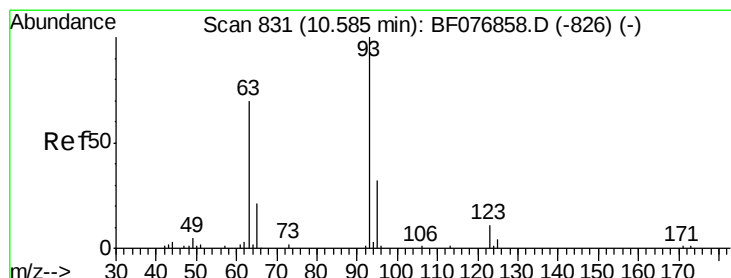
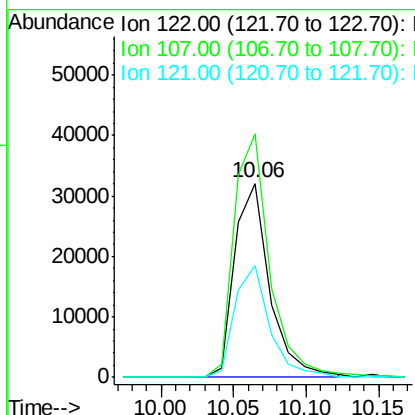
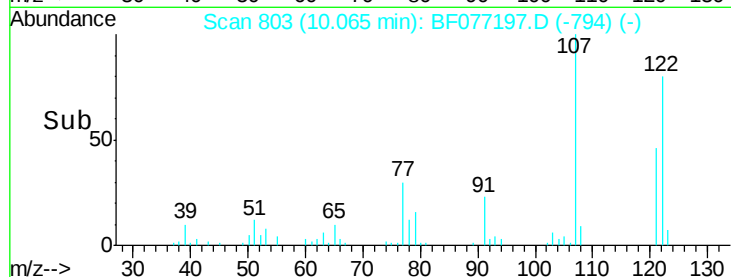
#27
 2,4-Dimethylphenol
 Concen: 38.98 ng
 RT: 10.06 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF077197.D
 Acq: 5 Feb 2015 23:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 54146
 Ion Ratio Lower Upper
 122 100
 107 125.4 95.2 142.8
 121 57.8 42.9 64.3

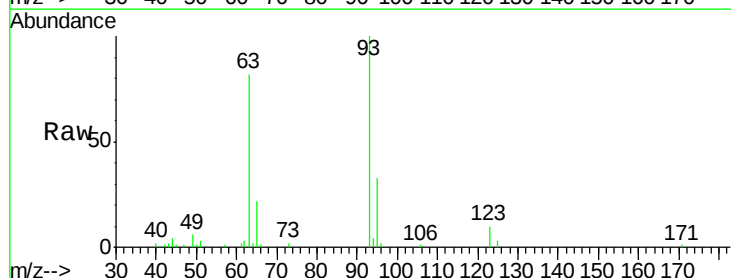


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

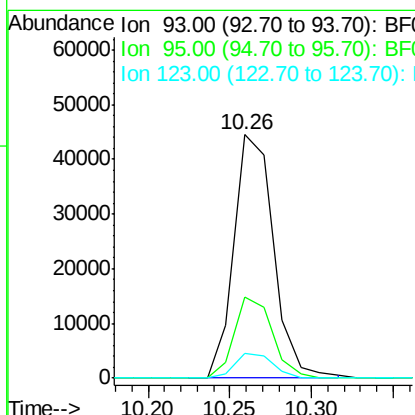
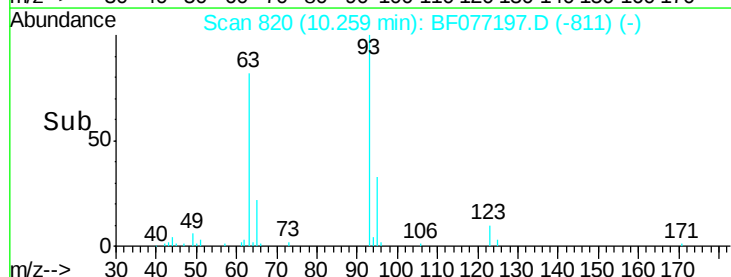


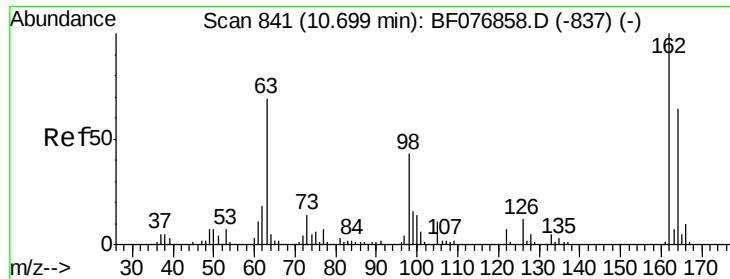
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.87 ng
 RT: 10.26 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF077197.D
 Acq: 5 Feb 2015 23:23

Tgt Ion: 93 Resp: 74590
 Ion Ratio Lower Upper
 93 100
 95 33.3 25.6 38.4
 123 10.3 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

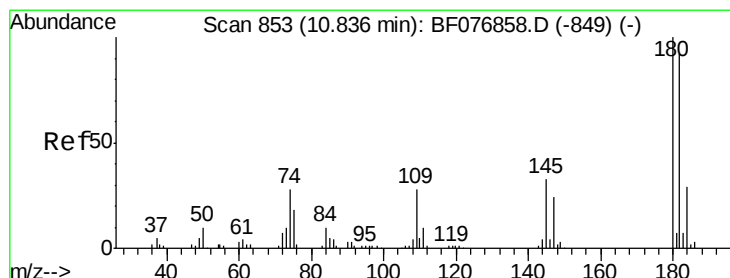
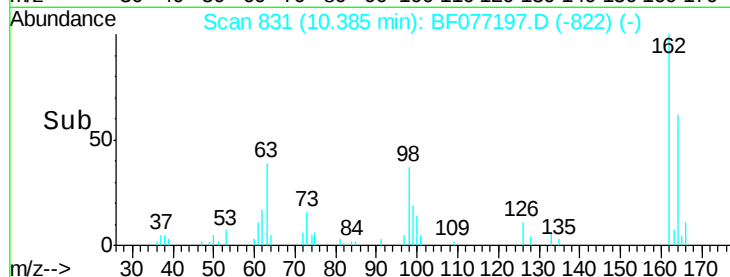
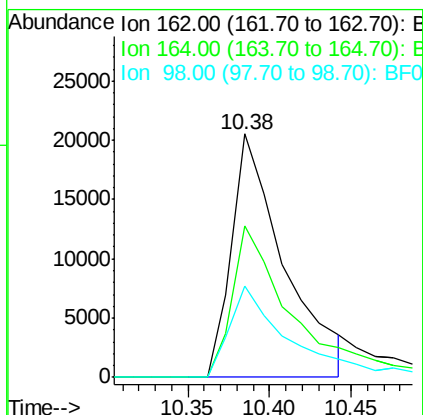
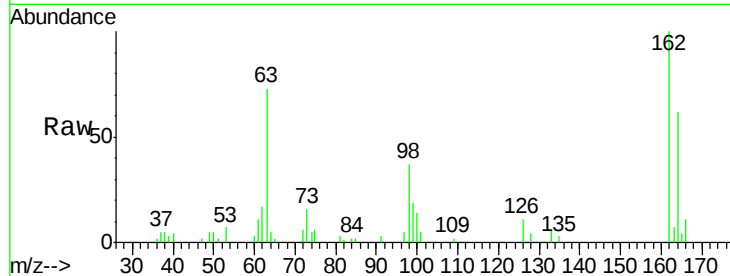




#29
2,4-Dichlorophenol
Concen: 35.59 ng
RT: 10.38 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF077197.D
Acq: 5 Feb 2015 23:23

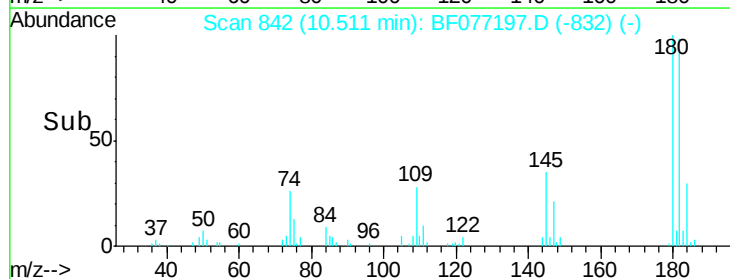
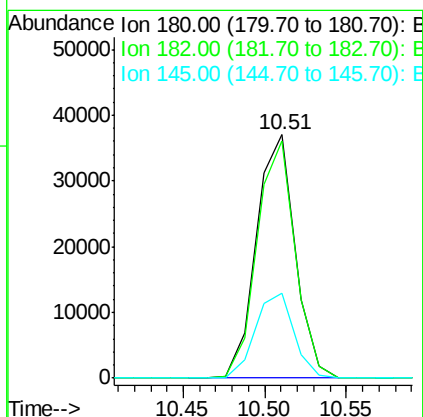
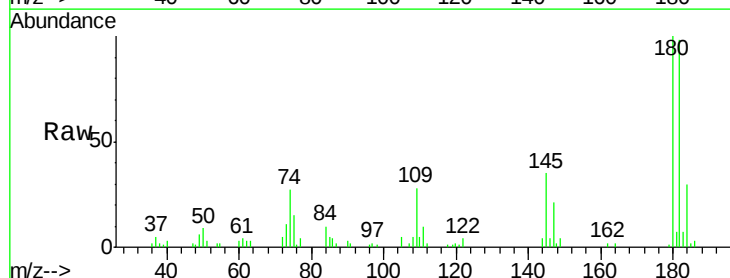
Instrument :
BNA_F
ClientSampled :

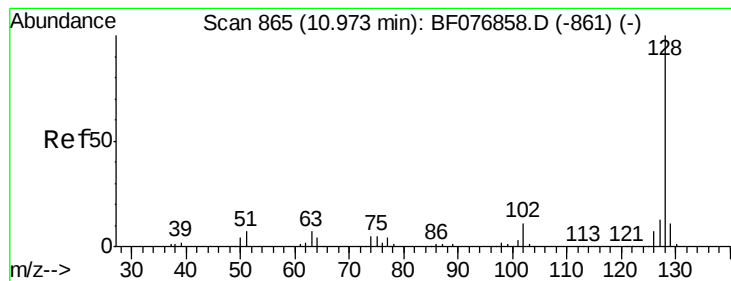
Tot Ion:162 Resp: 46082
Ion Ratio Lower Upper
162 100
164 62.1 43.8 83.8
98 37.4 22.5 62.5



#30
1,2,4-Trichlorobenzene
Concen: 42.48 ng
RT: 10.51 min Scan# 842
Delta R.T. 0.01 min
Lab File: BF077197.D
Acq: 5 Feb 2015 23:23

Tgt Ion:180 Resp: 61085
Ion Ratio Lower Upper
180 100
182 97.6 73.6 110.4
145 34.7 26.6 39.8





#31

Naphthalene

Concen: 40.87 ng

RT: 10.64 min Scan# 853

Delta R.T. -0.00 min

Lab File: BF077197.D

Acq: 5 Feb 2015 23:23

Instrument :

BNA_F

ClientSampleId :

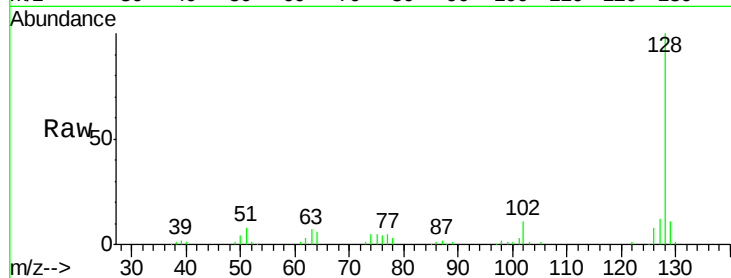
Tot Ion:128 Resp: 205563

Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.6

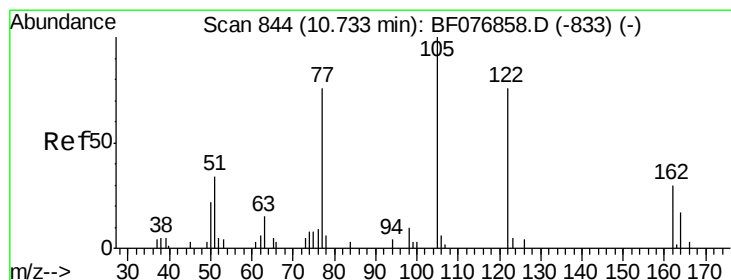
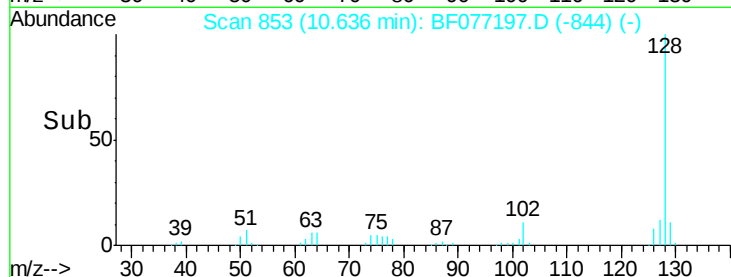
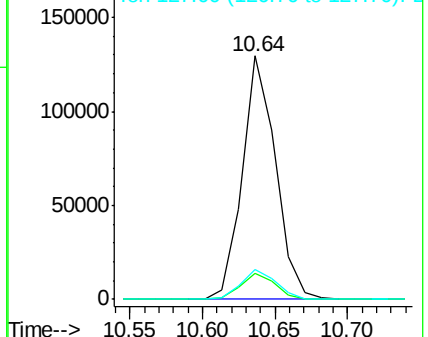
127 12.5 10.2 15.2



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: 13.71 ng

RT: 10.46 min Scan# 838

Delta R.T. 0.01 min

Lab File: BF077197.D

Acq: 5 Feb 2015 23:23

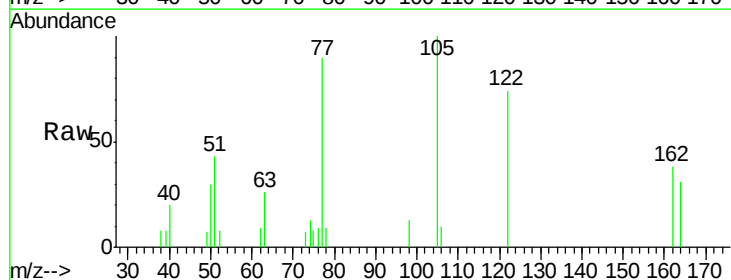
Tgt Ion:122 Resp: 10551

Ion Ratio Lower Upper

122 100

105 134.9 111.3 151.3

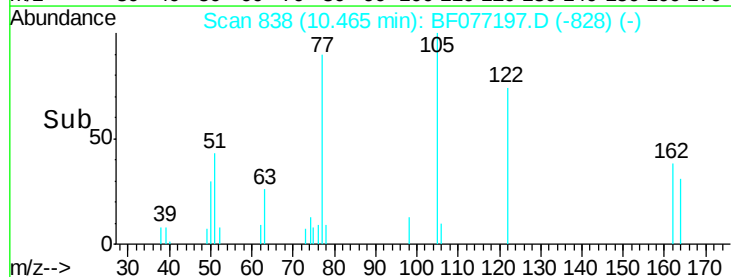
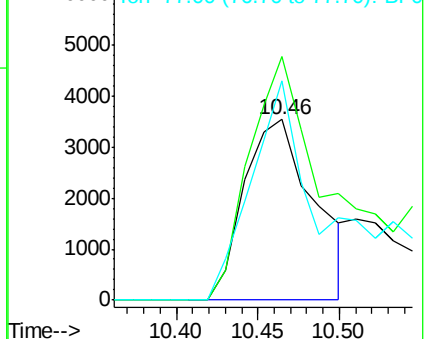
77 121.7 79.2 119.2#

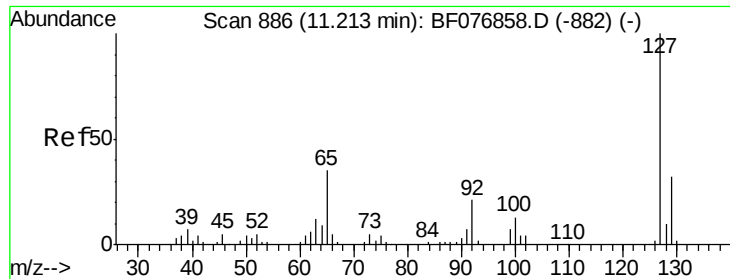


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

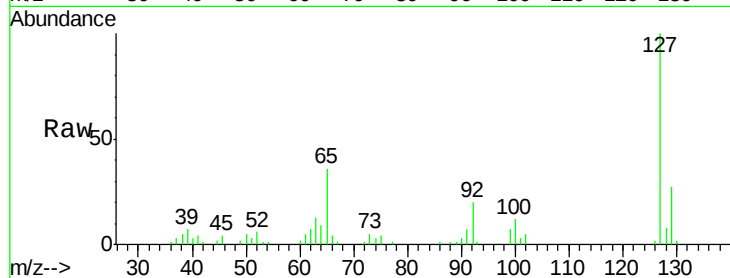




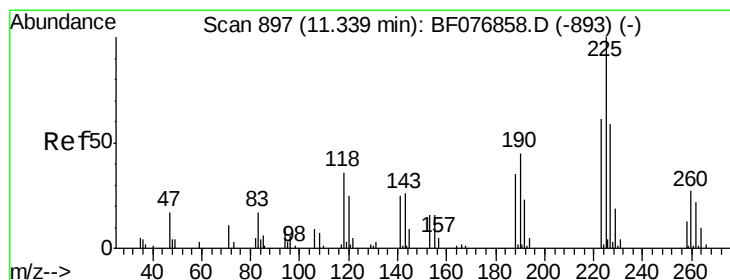
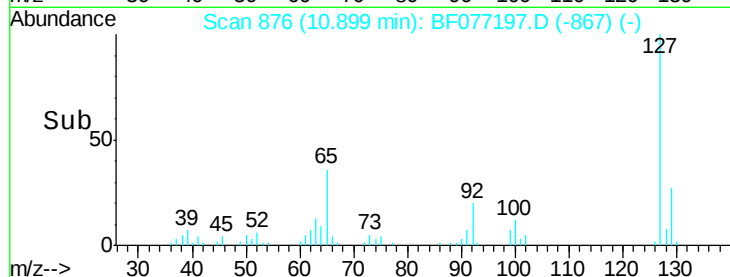
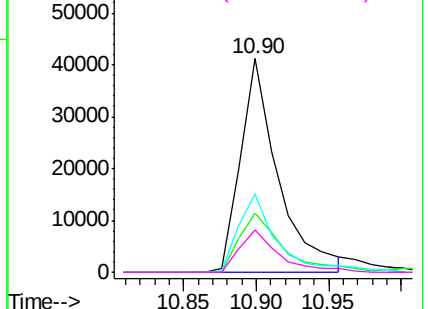
#33
4-Chloroaniline
Concen: 36.51 ng
RT: 10.90 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF077197.D
Acq: 5 Feb 2015 23:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 74209
Ion Ratio Lower Upper
127 100
129 27.3 25.3 37.9
65 36.3 27.8 41.6
92 19.7 16.5 24.7

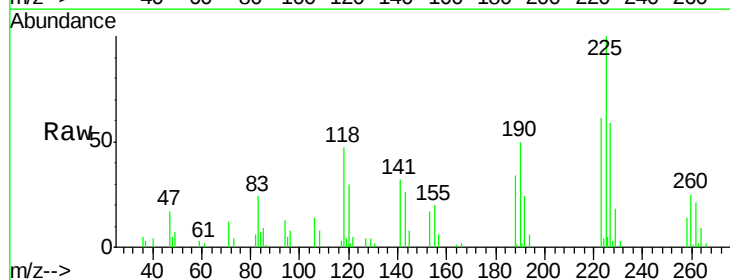


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

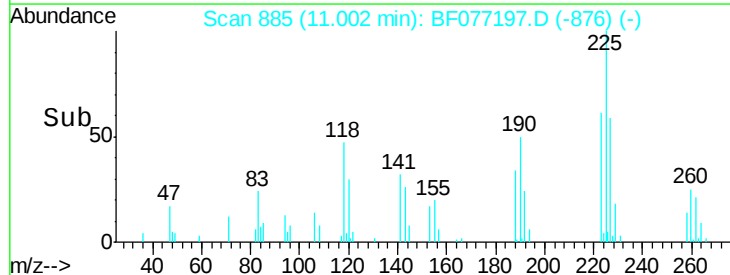
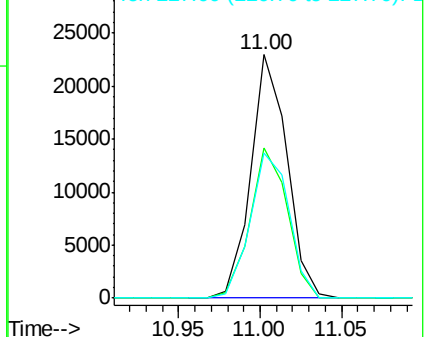


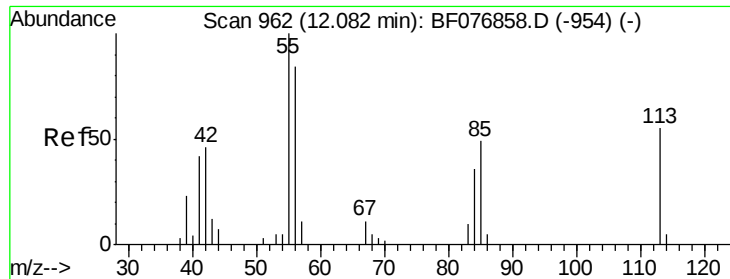
#34
Hexachlorobutadiene
Concen: 41.61 ng
RT: 11.00 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF077197.D
Acq: 5 Feb 2015 23:23

Tgt Ion:225 Resp: 35504
Ion Ratio Lower Upper
225 100
223 61.5 49.1 73.7
227 59.4 47.5 71.3



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

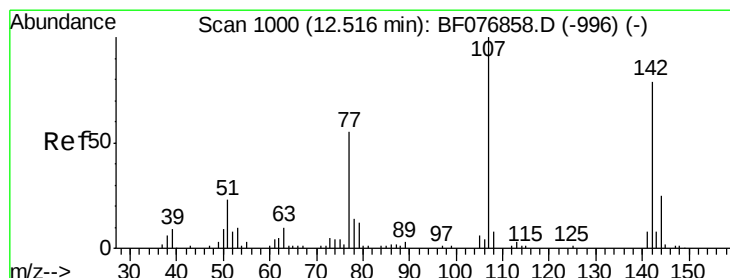
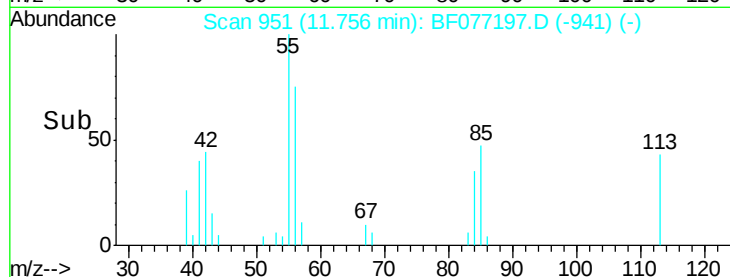
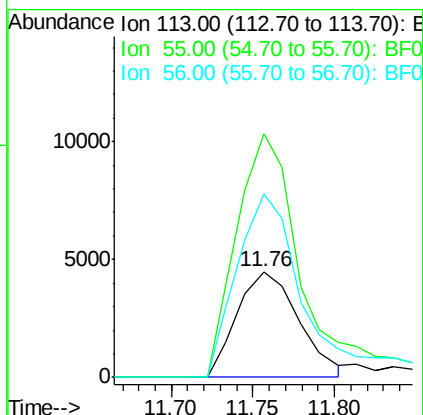
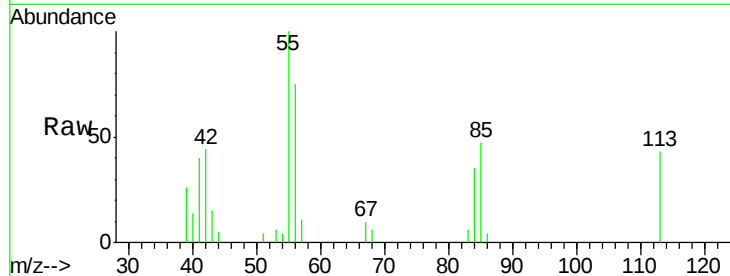




#35
 Caprolactam
 Concen: 30.95 ng
 RT: 11.76 min Scan# 951
 Delta R.T. 0.01 min
 Lab File: BF077197.D
 Acq: 5 Feb 2015 23:23

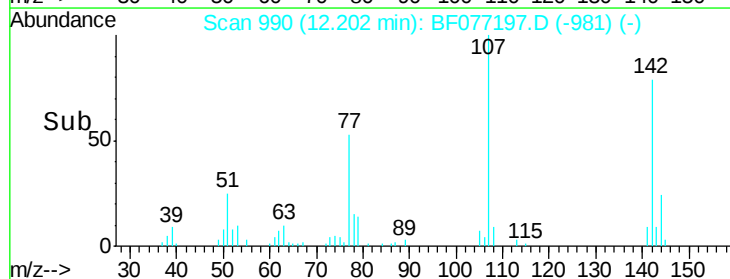
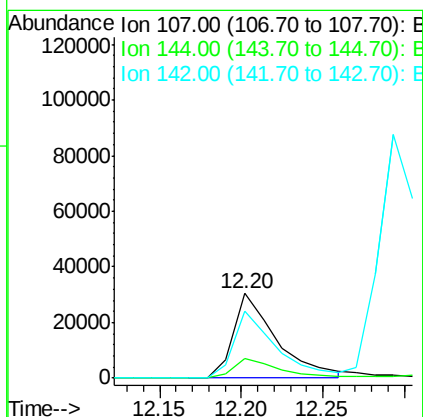
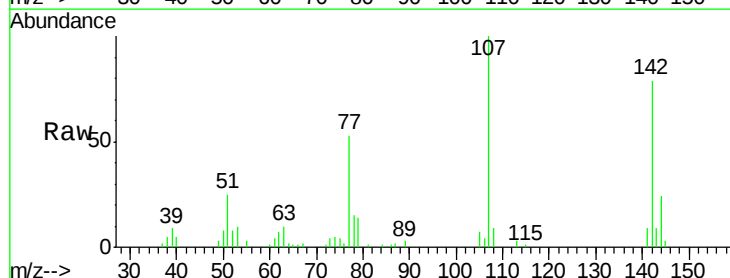
Instrument :
 BNA_F
 ClientSampleId :

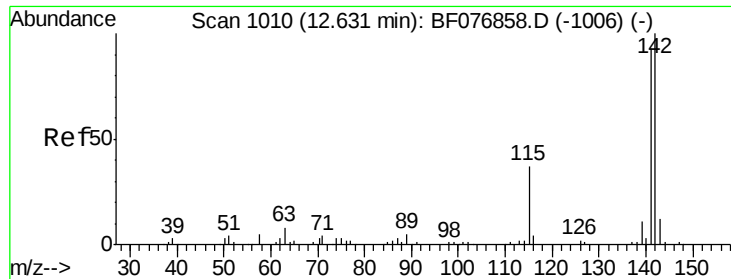
Tot Ion:113 Resp: 11797
 Ion Ratio Lower Upper
 113 100
 55 230.8 162.1 202.1#
 56 173.7 133.7 173.7



#36
 4-Chloro-3-methylphenol
 Concen: 37.55 ng
 RT: 12.20 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: BF077197.D
 Acq: 5 Feb 2015 23:23

Tgt Ion:107 Resp: 55661
 Ion Ratio Lower Upper
 107 100
 144 23.7 20.0 30.0
 142 79.1 63.5 95.3

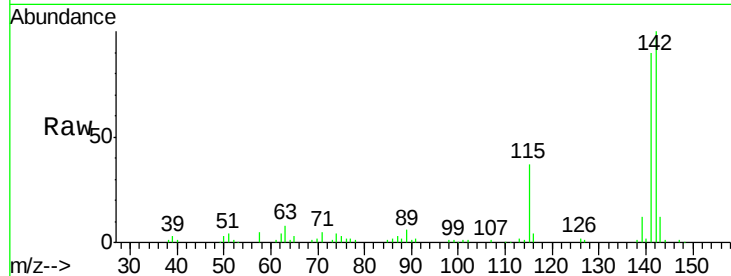




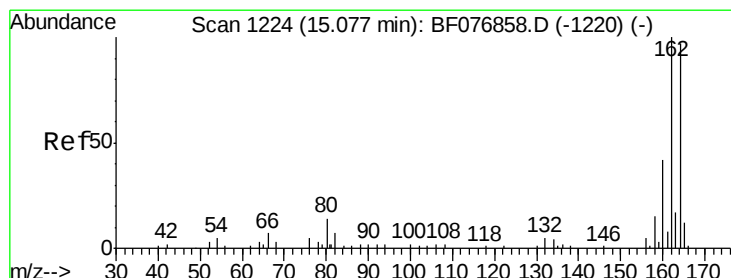
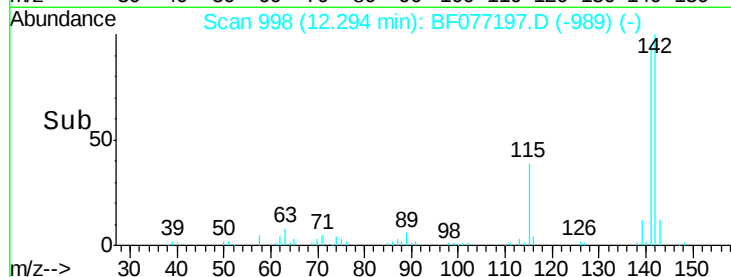
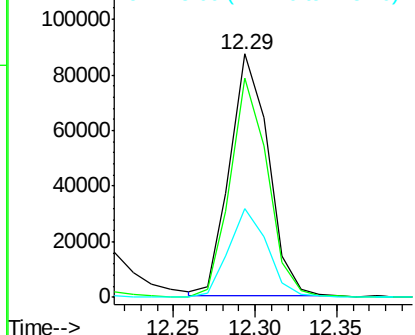
#37
2-Methylnaphthalene
Concen: 41.37 ng
RT: 12.29 min Scan# 998
Delta R.T. -0.00 min
Lab File: BF077197.D
Acq: 5 Feb 2015 23:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 142084
Ion Ratio Lower Upper
142 100
141 90.3 74.5 111.7
115 36.5 29.7 44.5

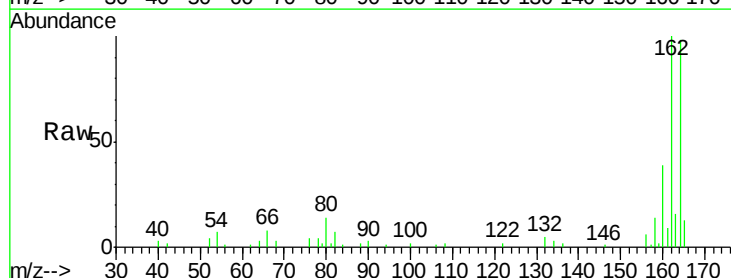


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

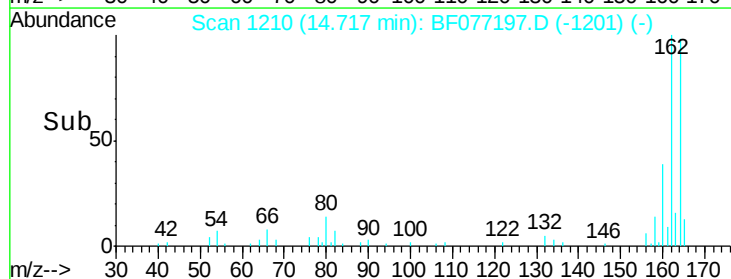
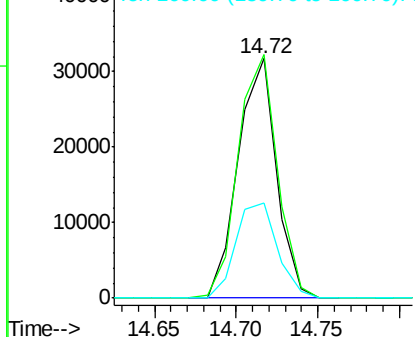


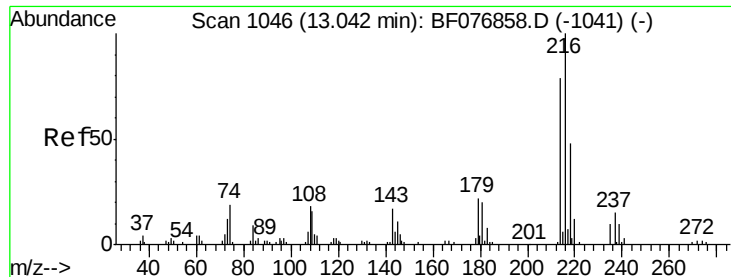
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.72 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BF077197.D
Acq: 5 Feb 2015 23:23

Tgt Ion:164 Resp: 51405
Ion Ratio Lower Upper
164 100
162 101.8 82.4 123.6
160 40.0 34.8 52.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

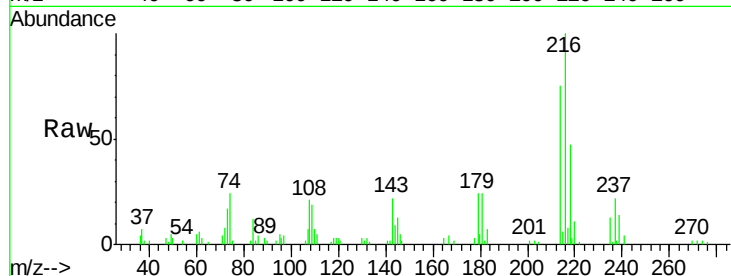




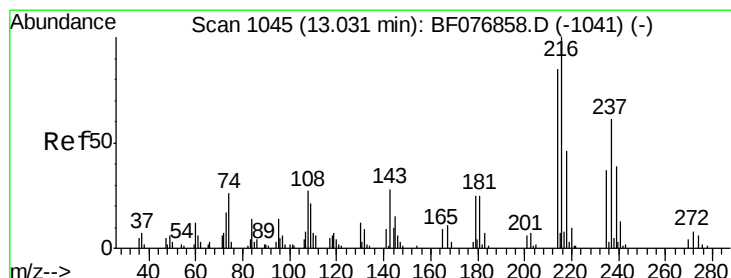
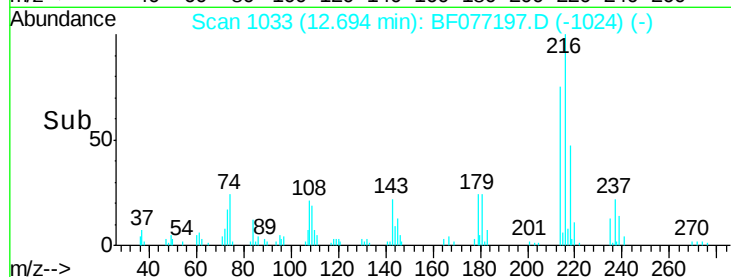
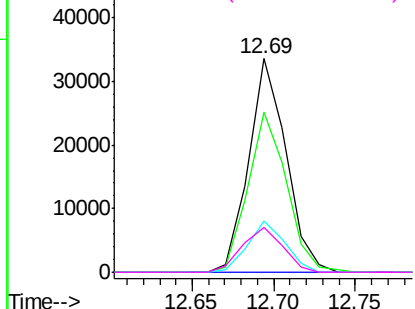
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.94 ng
 RT: 12.69 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF077197.D
 Acq: 5 Feb 2015 23:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	53299
Ion	Ratio	Lower	Upper
216	100		
214	77.6	64.9	97.3
179	23.9	18.6	28.0
108	22.6	18.1	27.1

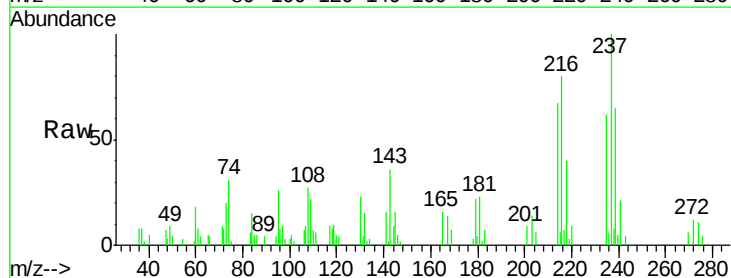


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

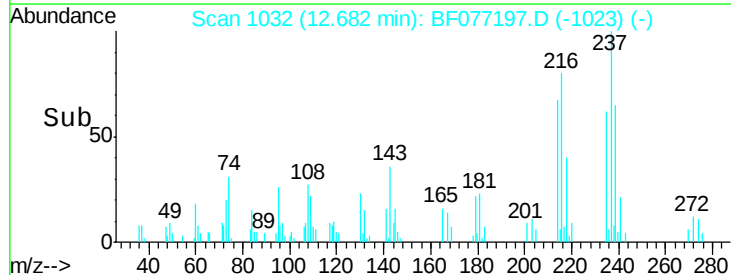
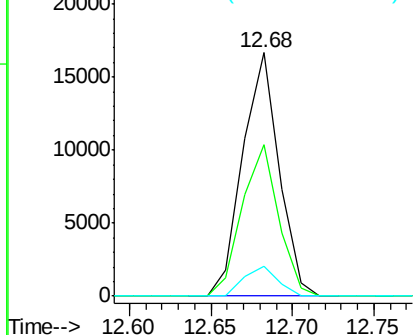


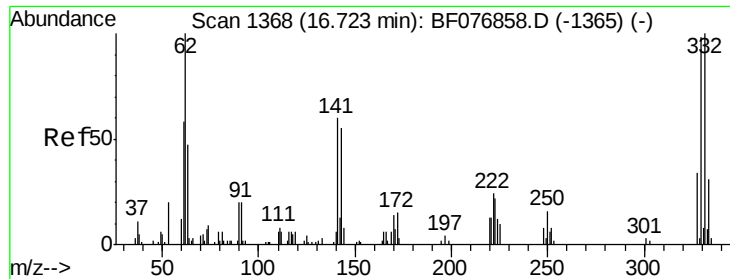
#40
 Hexachlorocyclopentadiene
 Concen: 39.93 ng
 RT: 12.68 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BF077197.D
 Acq: 5 Feb 2015 23:23

Tgt Ion:	237	Resp:	25658
Ion	Ratio	Lower	Upper
237	100		
235	62.2	40.4	80.4
272	12.1	0.0	33.2



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

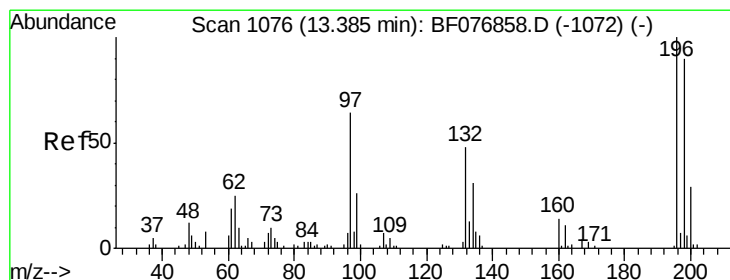
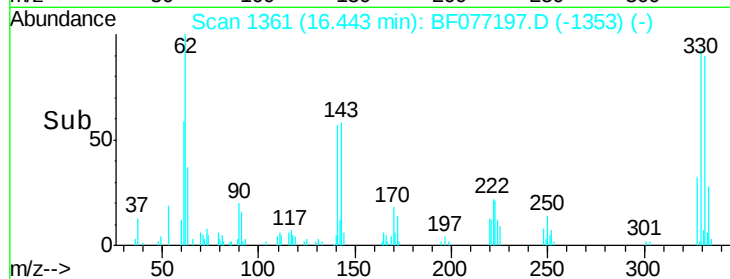
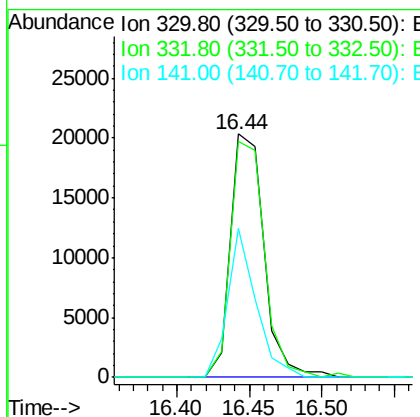
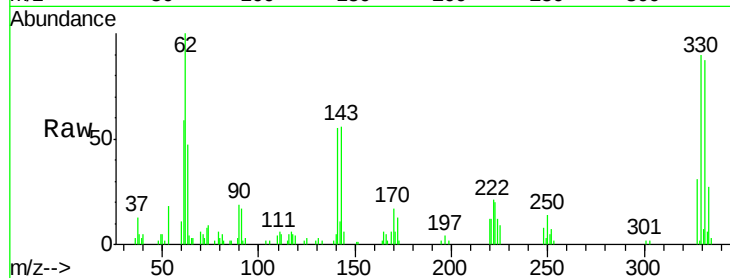




#41
 2,4,6-Tribromophenol
 Concen: 78.40 ng
 RT: 16.44 min Scan# 1361
 Delta R.T. -0.01 min
 Lab File: BF077197.D
 Acq: 5 Feb 2015 23:23

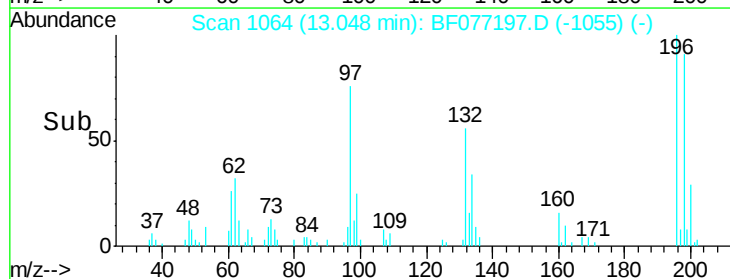
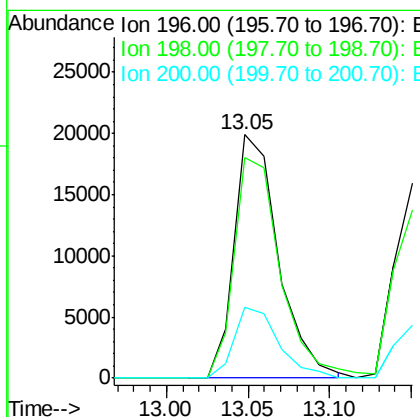
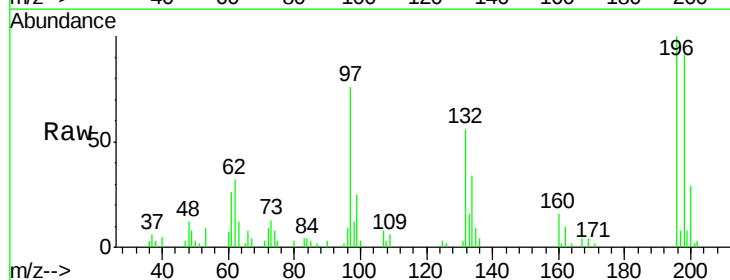
Instrument :
 BNA_F
 ClientSampled :

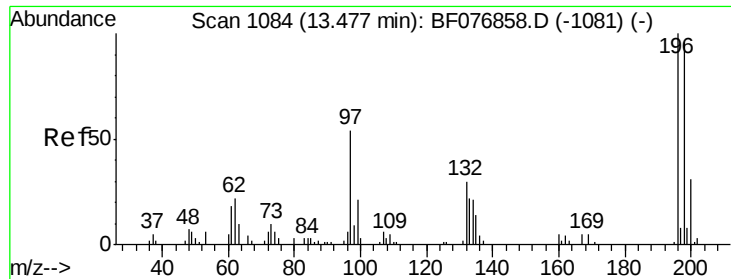
Tot Ion:330 Resp: 32713
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.8 116.6
 141 51.7 38.5 57.7



#42
 2,4,6-Trichlorophenol
 Concen: 40.32 ng
 RT: 13.05 min Scan# 1064
 Delta R.T. -0.00 min
 Lab File: BF077197.D
 Acq: 5 Feb 2015 23:23

Tgt Ion:196 Resp: 37338
 Ion Ratio Lower Upper
 196 100
 198 90.8 72.0 108.0
 200 28.9 23.4 35.2

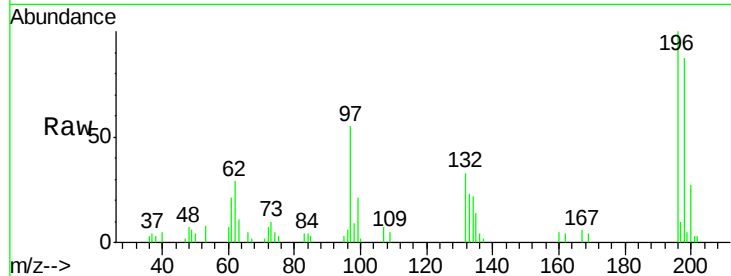




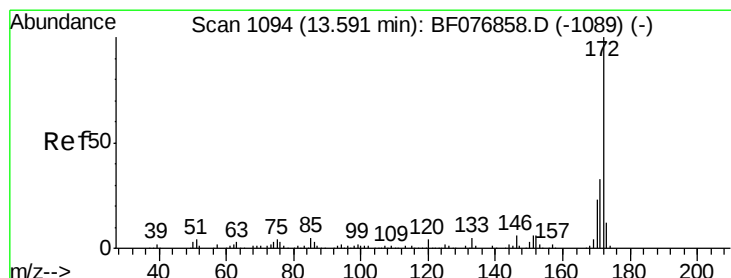
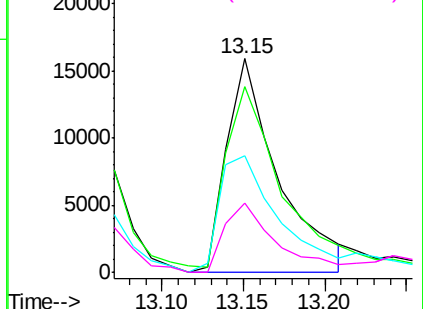
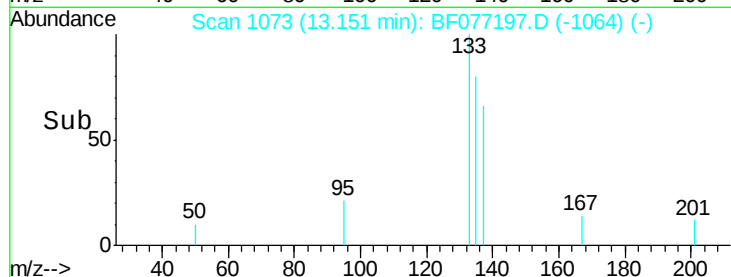
#43
 2,4,5-Trichlorophenol
 Concen: 36.79 ng
 RT: 13.15 min Scan# 1073
 Delta R.T. -0.00 min
 Lab File: BF077197.D
 Acq: 5 Feb 2015 23:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 34743
 Ion Ratio Lower Upper
 196 100
 198 86.6 76.6 115.0
 97 54.8 43.4 65.0
 132 32.6 23.7 35.5

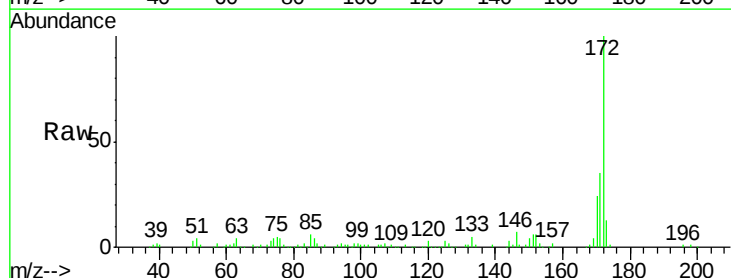


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

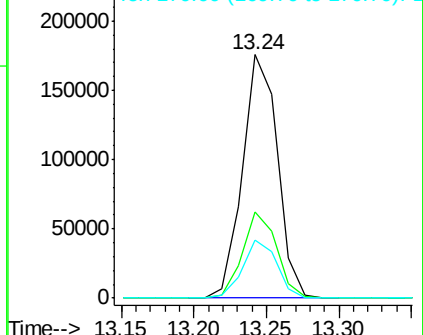
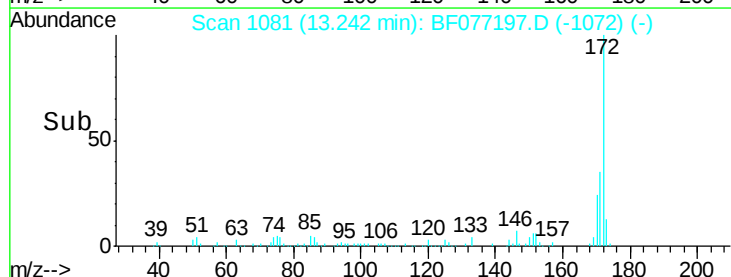


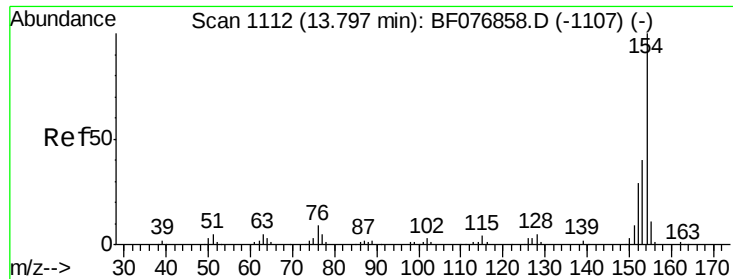
#44
 2-Fluorobiphenyl
 Concen: 86.87 ng
 RT: 13.24 min Scan# 1081
 Delta R.T. -0.00 min
 Lab File: BF077197.D
 Acq: 5 Feb 2015 23:23

Tgt Ion:172 Resp: 293435
 Ion Ratio Lower Upper
 172 100
 171 35.4 26.6 40.0
 170 23.8 18.0 27.0



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

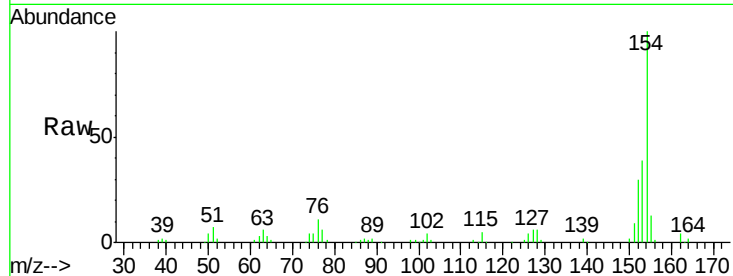




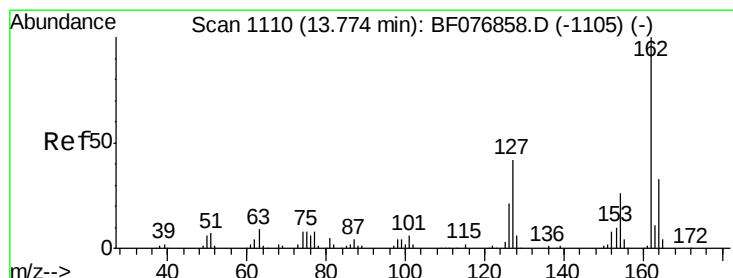
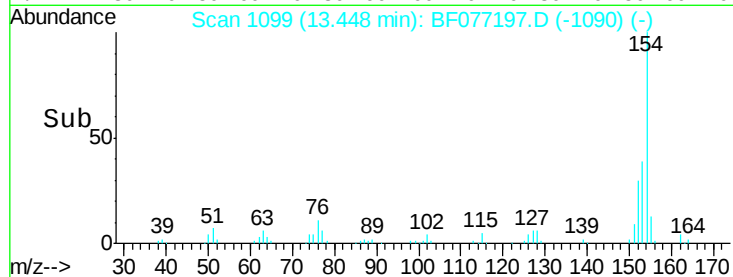
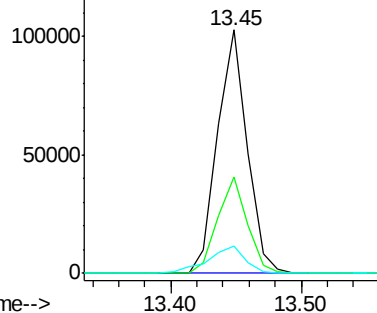
#45
 1,1'-Biphenyl
 Concen: 42.83 ng
 RT: 13.45 min Scan# 1099
 Delta R.T. -0.00 min
 Lab File: BF077197.D
 Acq: 5 Feb 2015 23:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.5	20.2	60.2
76	11.1	0.0	29.0

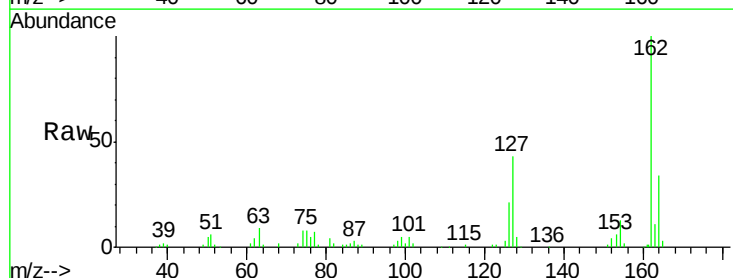


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

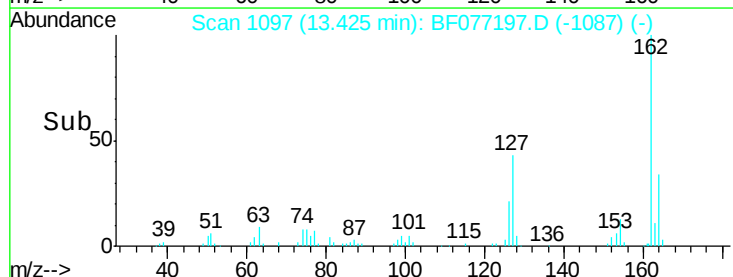
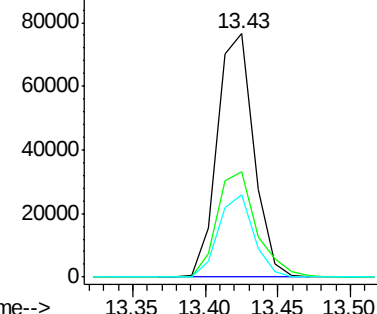


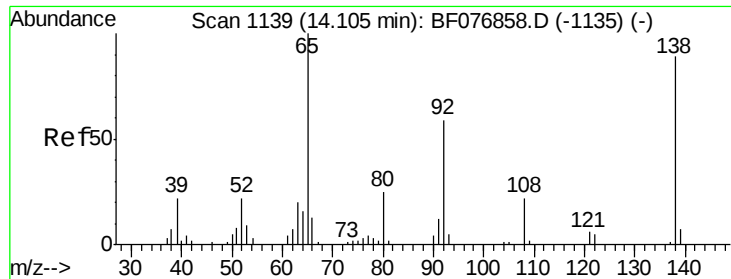
#46
 2-Chloronaphthalene
 Concen: 42.70 ng
 RT: 13.43 min Scan# 1097
 Delta R.T. 0.01 min
 Lab File: BF077197.D
 Acq: 5 Feb 2015 23:23

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.3	33.8	50.6
164	34.1	26.8	40.2



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

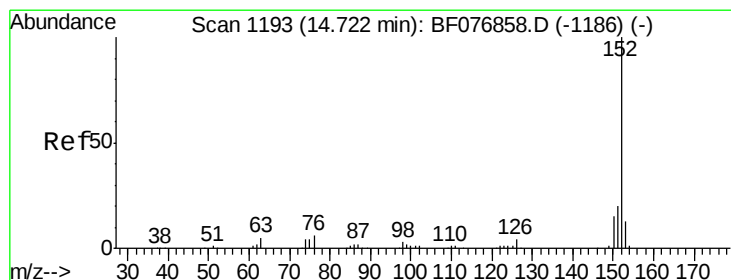
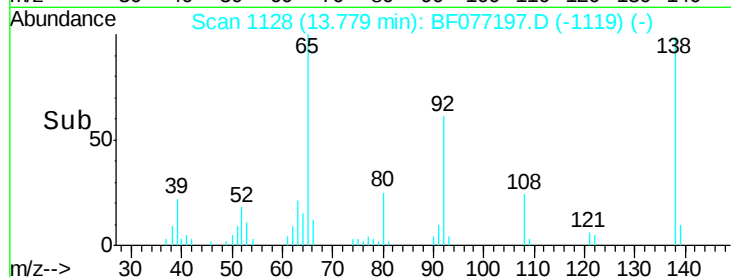
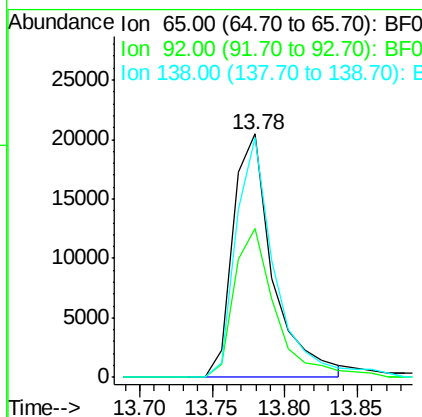
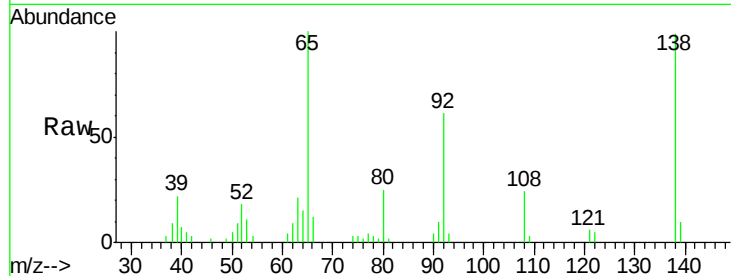




#47
2-Nitroaniline
Concen: 41.13 ng
RT: 13.78 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BF077197.D
Acq: 5 Feb 2015 23:23

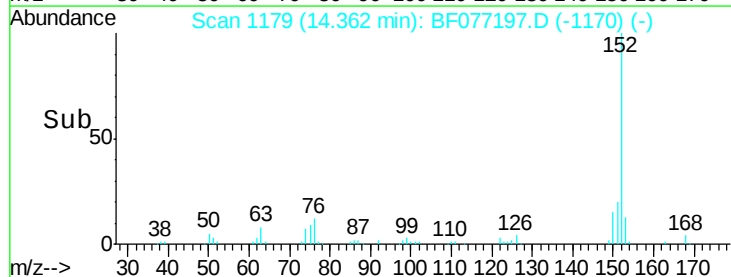
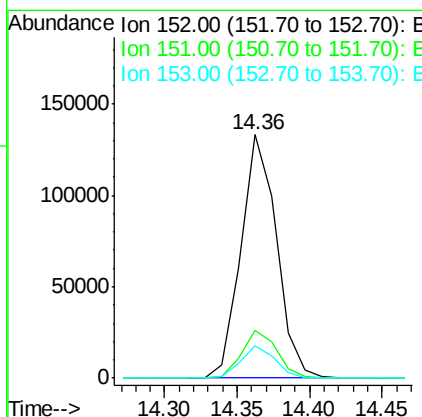
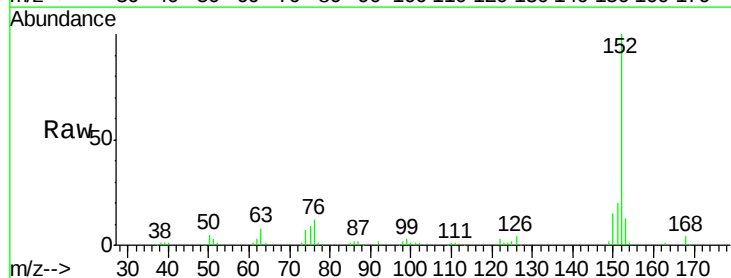
Instrument :
BNA_F
ClientSampleId :

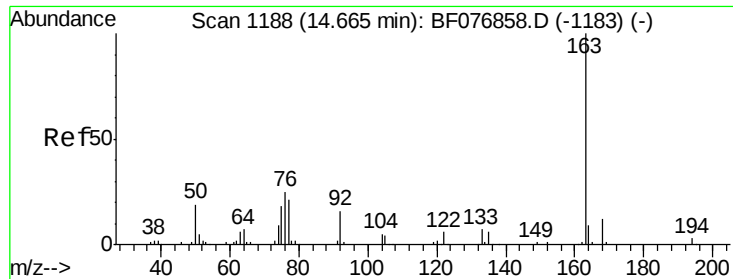
Tot Ion: 65 Resp: 39126
Ion Ratio Lower Upper
65 100
92 61.3 47.3 70.9
138 98.6 71.4 107.2



#48
Acenaphthylene
Concen: 42.89 ng
RT: 14.36 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BF077197.D
Acq: 5 Feb 2015 23:23

Tgt Ion: 152 Resp: 226883
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 13.2 10.2 15.4

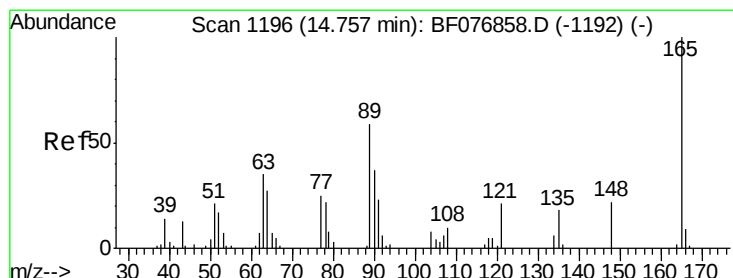
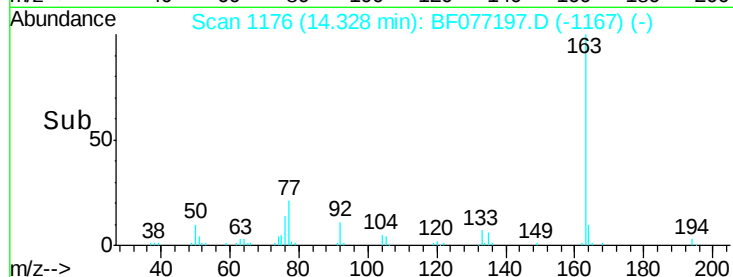
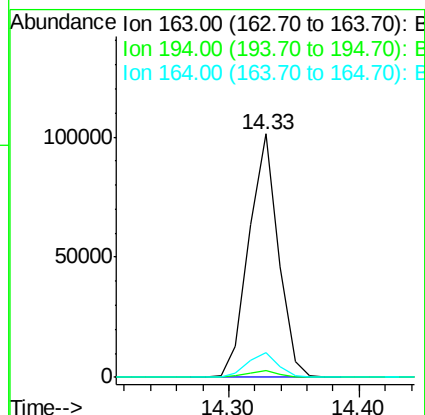
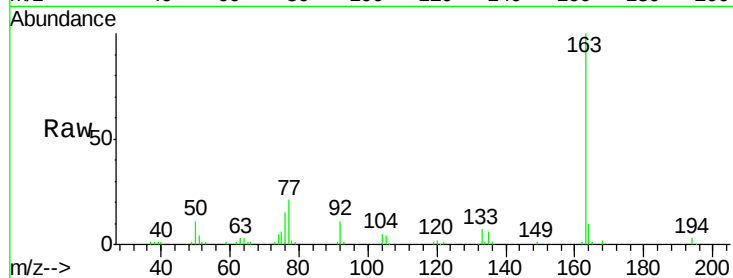




#49
Dimethylphthalate
Concen: 43.67 ng
RT: 14.33 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BF077197.D
Acq: 5 Feb 2015 23:23

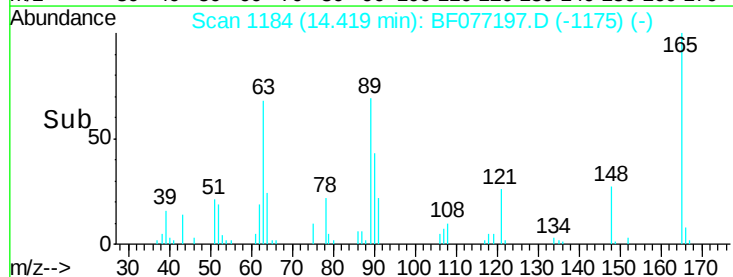
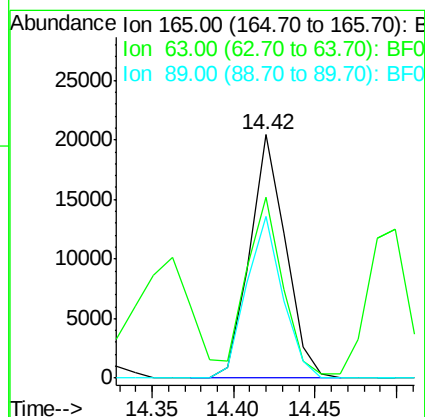
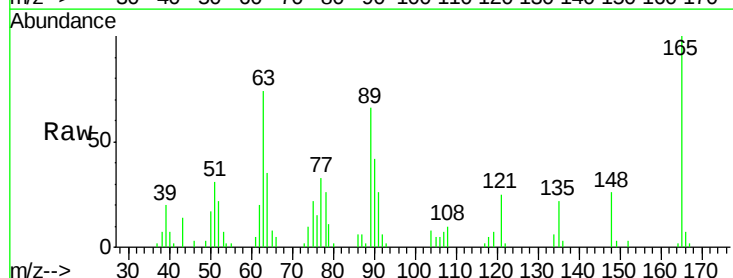
Instrument :
BNA_F
ClientSampleId :

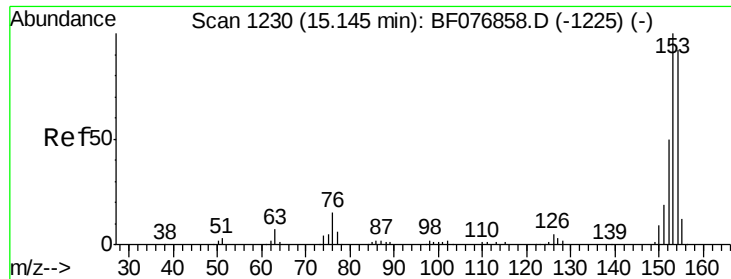
Tot Ion:163 Resp: 159211
Ion Ratio Lower Upper
163 100
194 2.9 2.6 4.0
164 10.1 7.5 11.3



#50
2,6-Dinitrotoluene
Concen: 42.77 ng
RT: 14.42 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BF077197.D
Acq: 5 Feb 2015 23:23

Tgt Ion:165 Resp: 31151
Ion Ratio Lower Upper
165 100
63 74.1 48.1 72.1#
89 66.3 47.2 70.8





#51

Acenaphthene

Concen: 41.41 ng

RT: 14.79 min Scan# 1216

Delta R.T. -0.00 min

Lab File: BF077197.D

Acq: 5 Feb 2015 23:23

Instrument :

BNA_F

ClientSampleId :

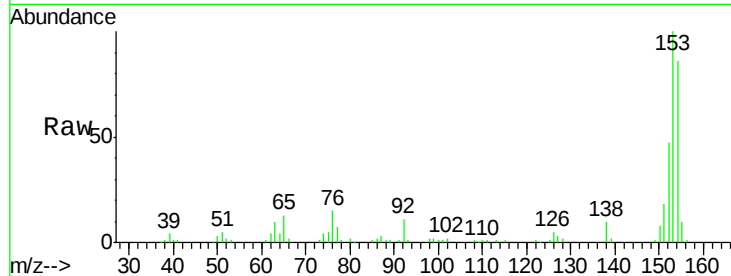
Tot Ion:154 Resp: 124268

Ion Ratio Lower Upper

154 100

153 115.9 87.0 130.6

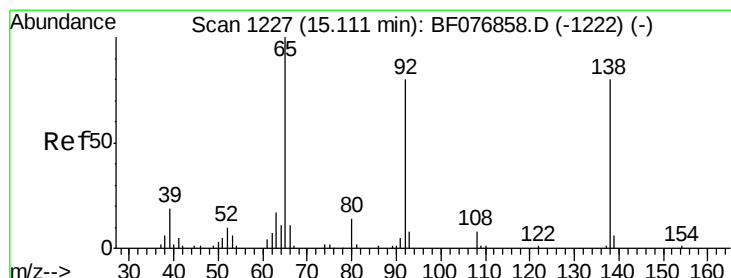
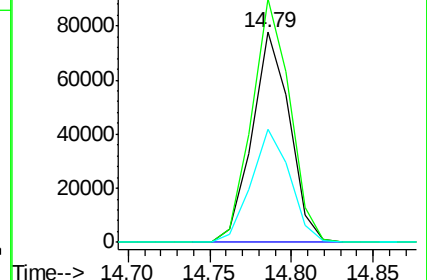
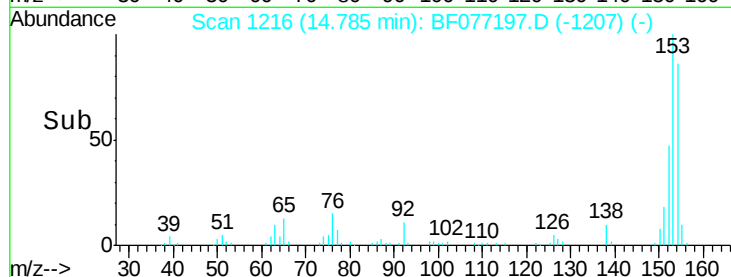
152 54.0 43.5 65.3



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: 37.72 ng

RT: 14.77 min Scan# 1215

Delta R.T. -0.00 min

Lab File: BF077197.D

Acq: 5 Feb 2015 23:23

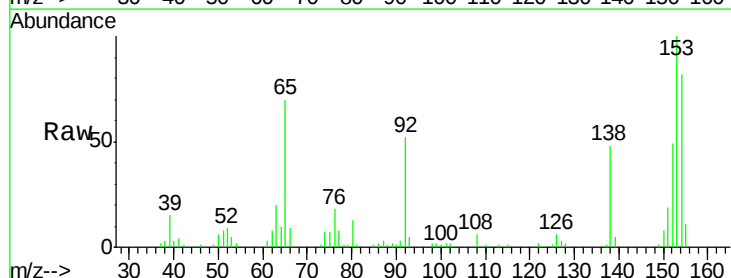
Tgt Ion:138 Resp: 35495

Ion Ratio Lower Upper

138 100

108 12.7 8.3 12.5#

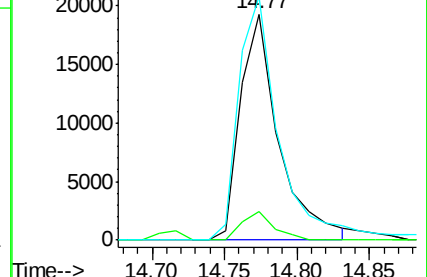
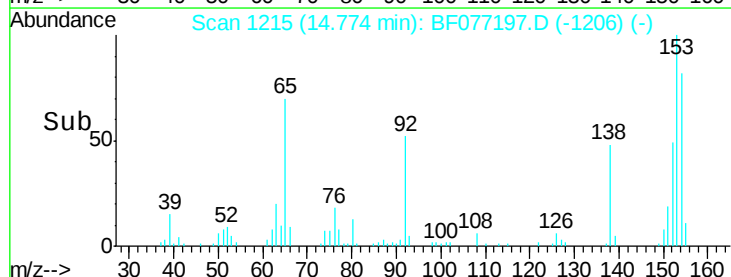
92 107.8 80.9 121.3

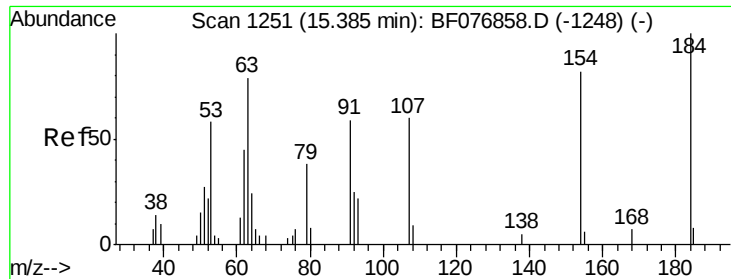


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

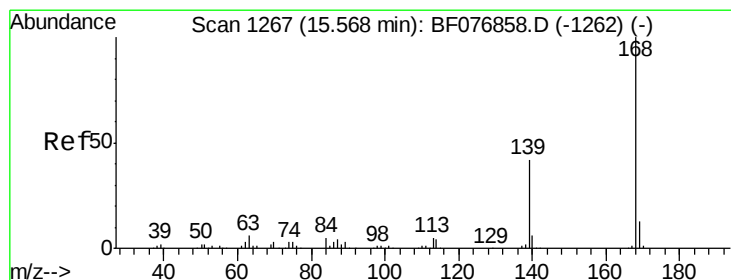
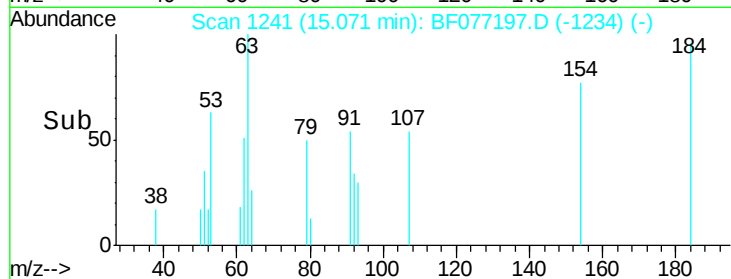
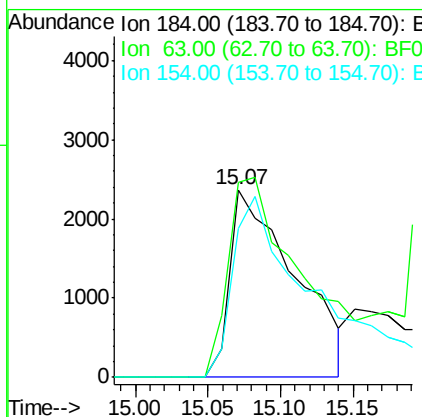
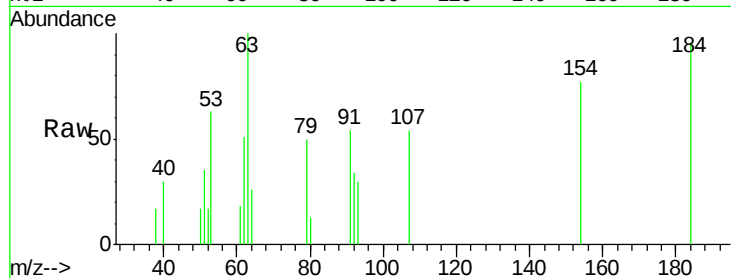




#53
 2,4-Dinitrophenol
 Concen: 30.12 ng
 RT: 15.07 min Scan# 1241
 Delta R.T. -0.02 min
 Lab File: BF077197.D
 Acq: 5 Feb 2015 23:23

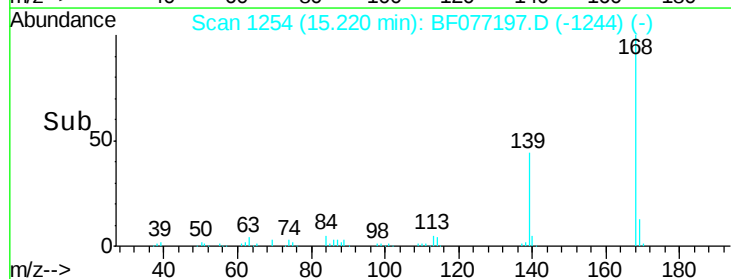
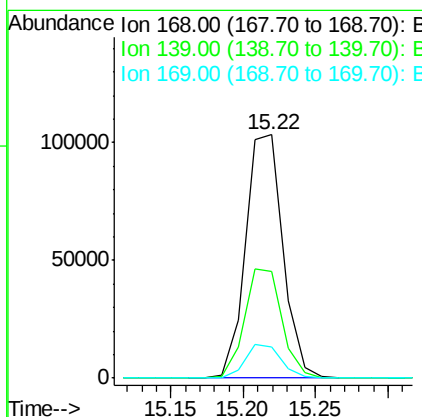
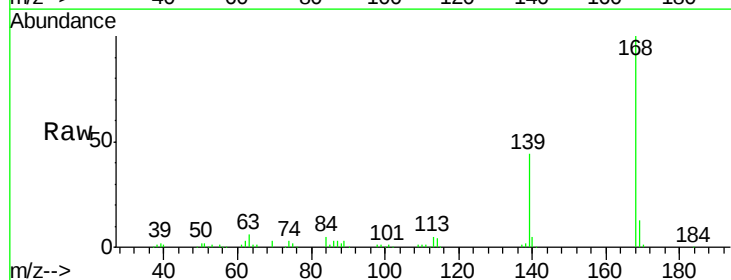
Instrument :
 BNA_F
 ClientSampled :

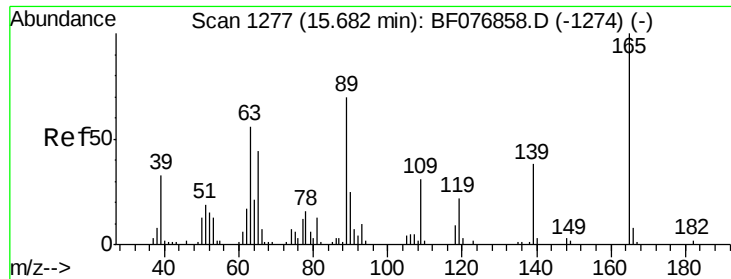
Tot Ion:184 Resp: 7358
 Ion Ratio Lower Upper
 184 100
 63 103.8 63.0 94.6#
 154 79.5 65.5 98.3



#54
 Dibenzofuran
 Concen: 42.21 ng
 RT: 15.22 min Scan# 1254
 Delta R.T. 0.01 min
 Lab File: BF077197.D
 Acq: 5 Feb 2015 23:23

Tgt Ion:168 Resp: 184515
 Ion Ratio Lower Upper
 168 100
 139 43.7 33.4 50.2
 169 12.7 10.6 15.8

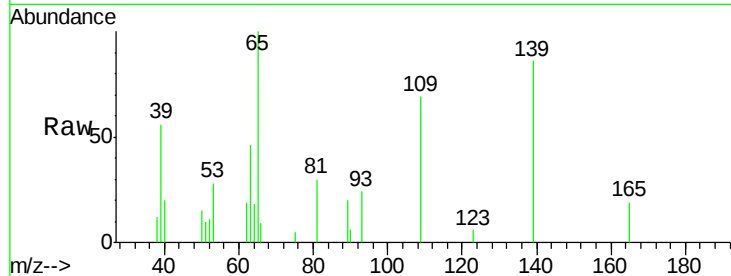




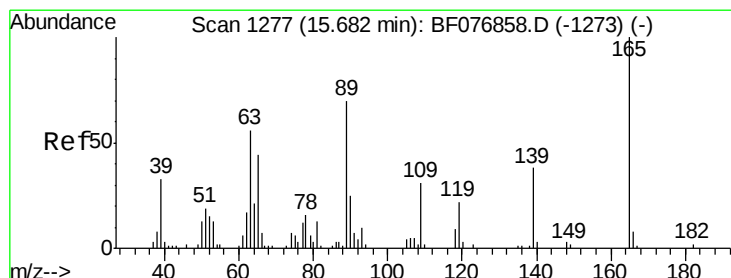
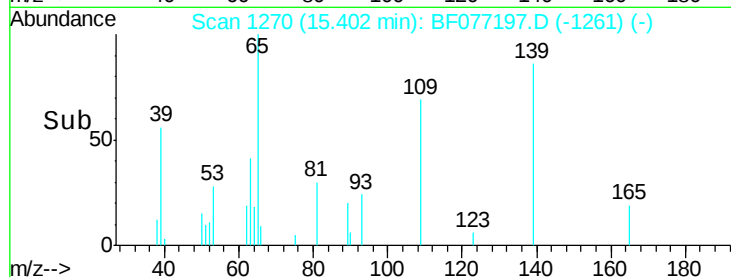
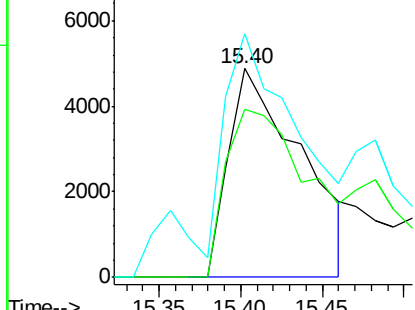
#55
4-Nitrophenol
Concen: 26.14 ng
RT: 15.40 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BF077197.D
Acq: 5 Feb 2015 23:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 14938
Ion Ratio Lower Upper
139 100
109 80.4 61.0 101.0
65 116.6 96.6 136.6

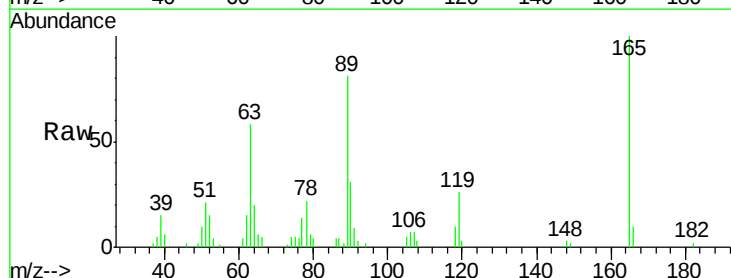


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

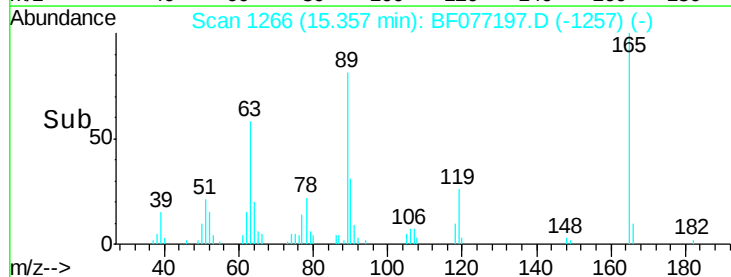
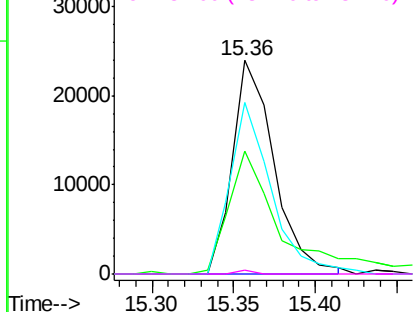


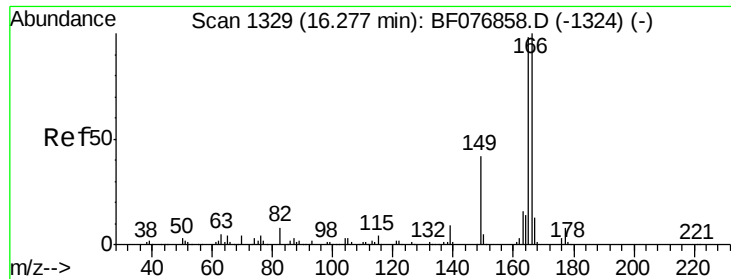
#56
2,4-Dinitrotoluene
Concen: 39.19 ng
RT: 15.36 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BF077197.D
Acq: 5 Feb 2015 23:23

Tgt Ion:165 Resp: 42353
Ion Ratio Lower Upper
165 100
63 57.6 44.8 67.2
89 80.5 56.2 84.2
182 1.8 1.5 2.3



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

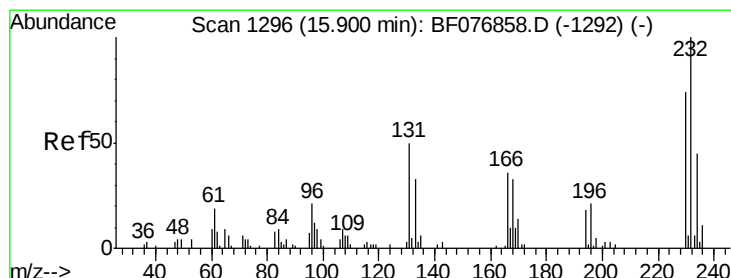
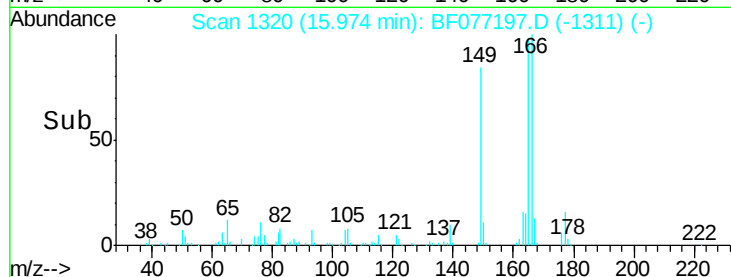
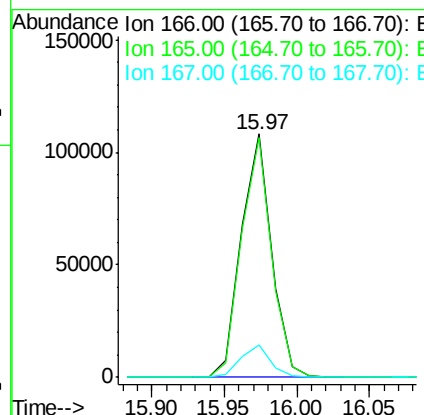
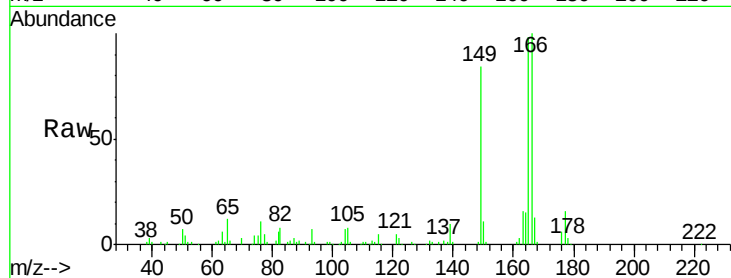




#57
 Fluorene
 Concen: 42.23 ng
 RT: 15.97 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: BF077197.D
 Acq: 5 Feb 2015 23:23

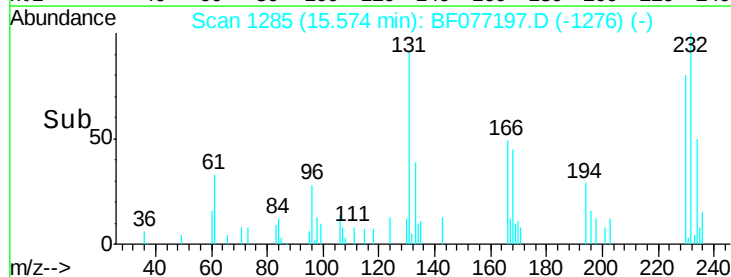
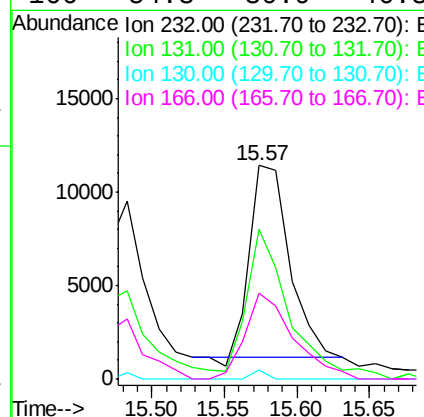
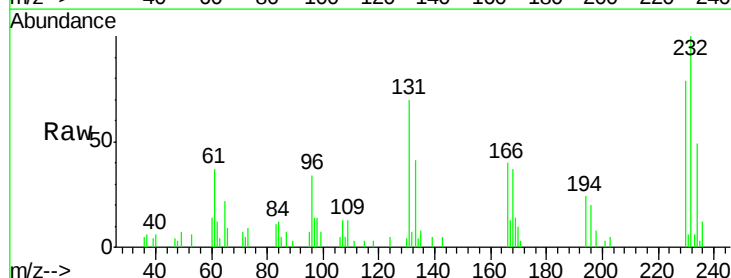
Instrument :
 BNA_F
 ClientSampleId :

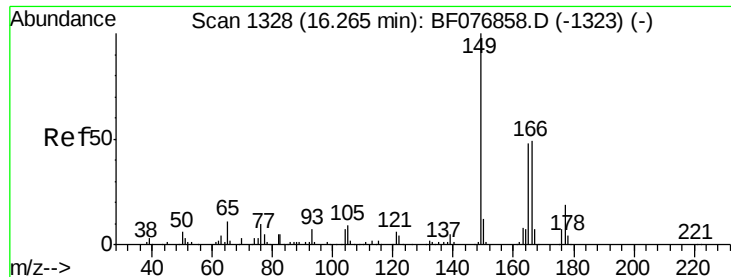
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.5	117.7
167	13.3	10.4	15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 28.35 ng
 RT: 15.57 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: BF077197.D
 Acq: 5 Feb 2015 23:23

Tgt Ion	Ratio	Lower	Upper
232	100		
131	69.4	45.0	67.6#
130	1.8	2.6	3.8#
166	54.3	30.9	46.3#

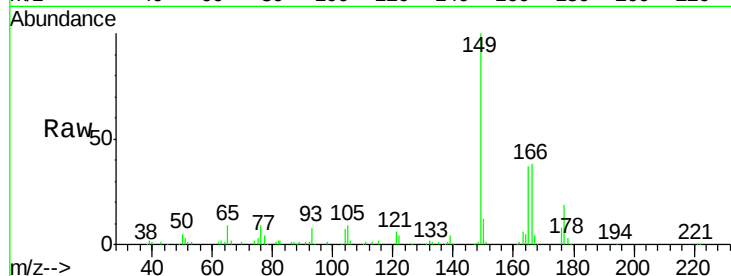




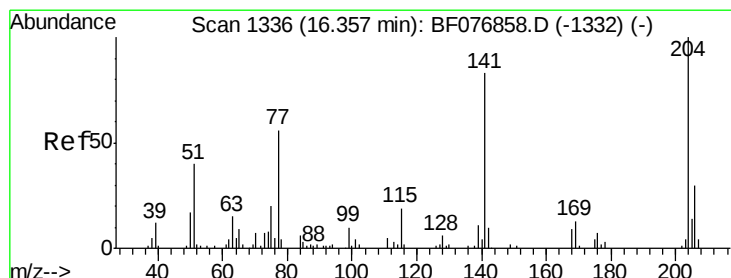
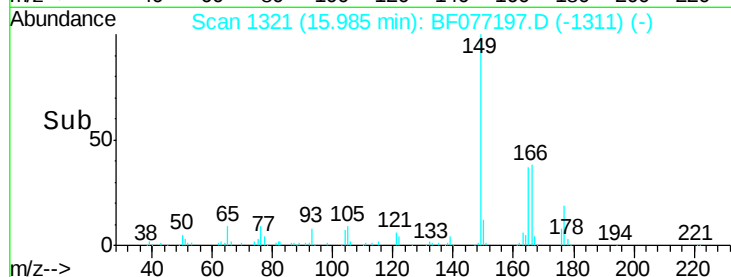
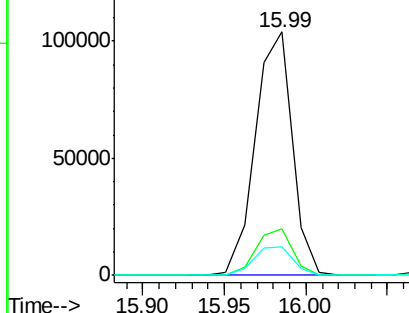
#59
Diethylphthalate
Concen: 44.53 ng
RT: 15.99 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BF077197.D
Acq: 5 Feb 2015 23:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 164086
Ion Ratio Lower Upper
149 100
177 19.1 15.0 22.6
150 11.6 9.4 14.0

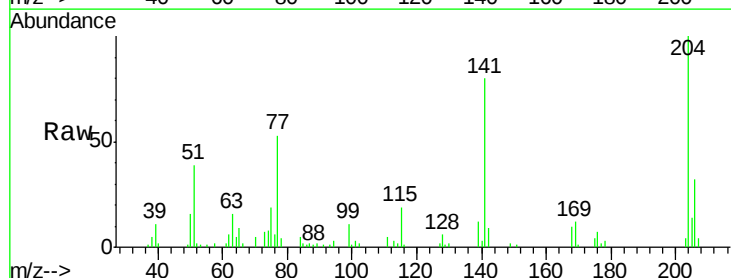


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

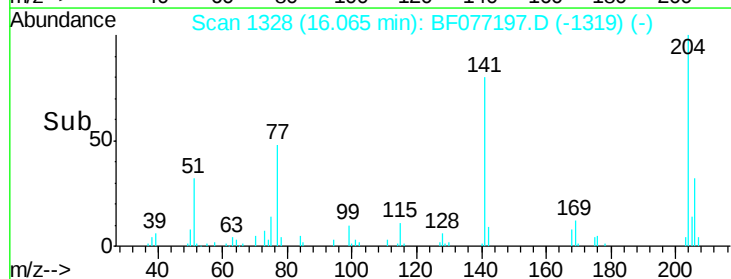
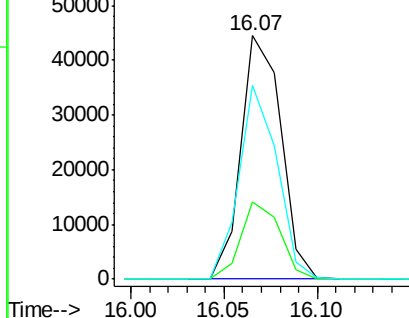


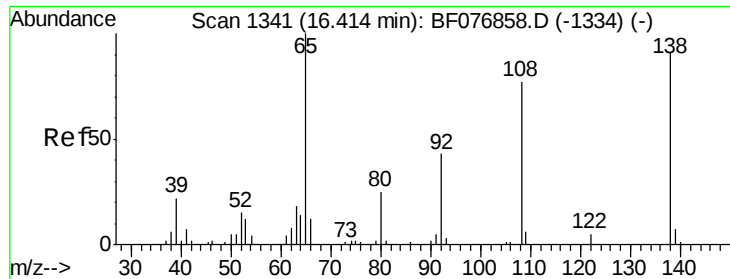
#60
4-Chlorophenyl-phenylether
Concen: 43.85 ng
RT: 16.07 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BF077197.D
Acq: 5 Feb 2015 23:23

Tgt Ion:204 Resp: 66451
Ion Ratio Lower Upper
204 100
206 31.8 24.2 36.2
141 79.7 66.7 100.1



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

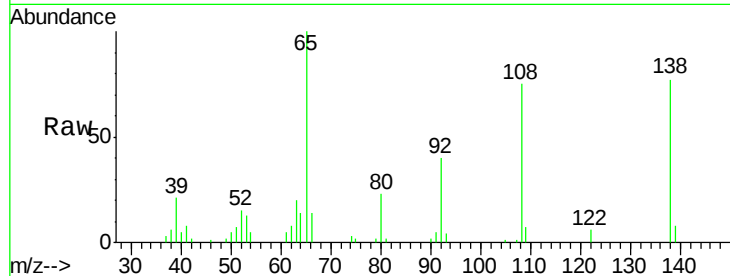




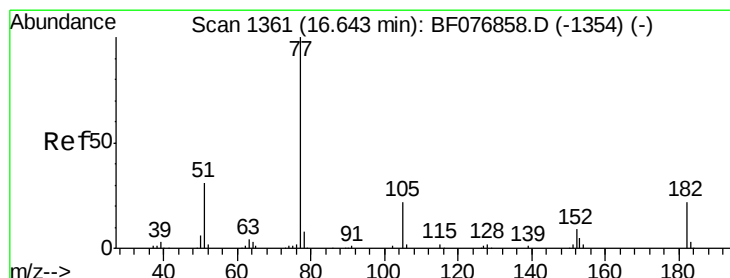
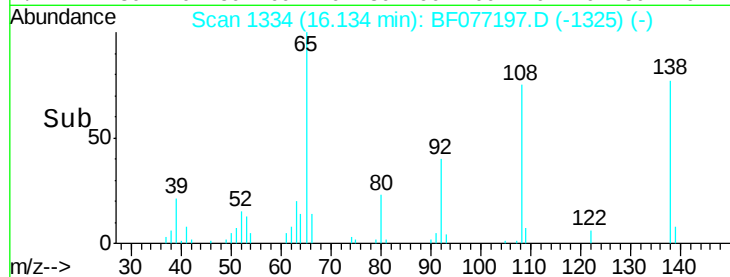
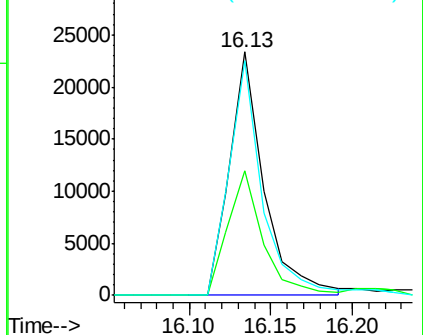
#61
4-Nitroaniline
Concen: 37.63 ng
RT: 16.13 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF077197.D
Acq: 5 Feb 2015 23:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 34261
Ion Ratio Lower Upper
138 100
92 51.4 26.7 66.7
108 96.3 64.5 104.5

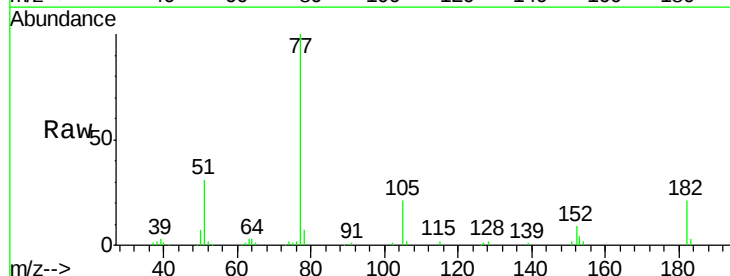


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

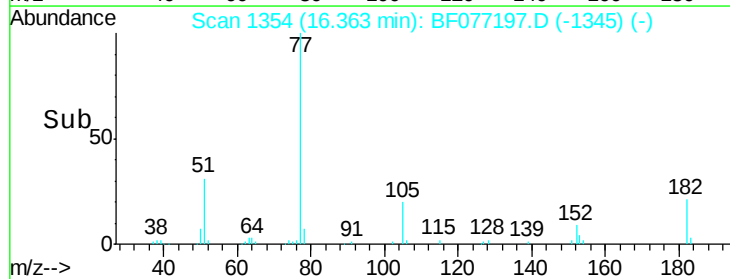
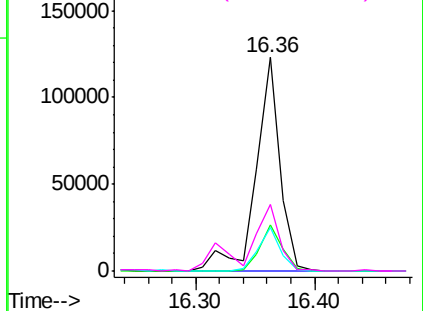


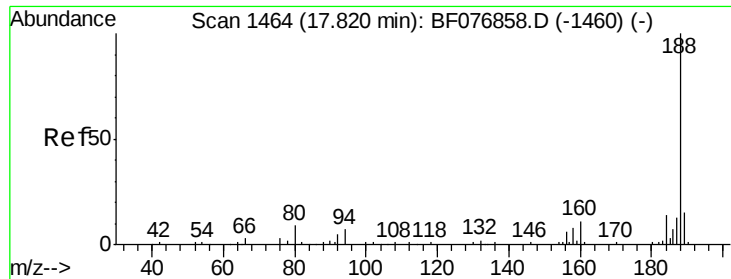
#62
Azobenzene
Concen: 45.27 ng
RT: 16.36 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BF077197.D
Acq: 5 Feb 2015 23:23

Tgt Ion: 77 Resp: 173785
Ion Ratio Lower Upper
77 100
182 21.3 2.0 42.0
105 20.5 2.3 42.3
51 31.3 10.7 50.7



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

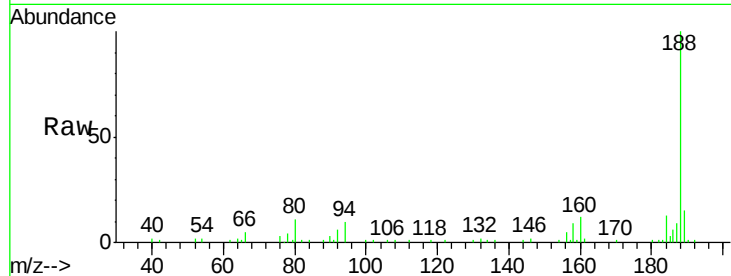




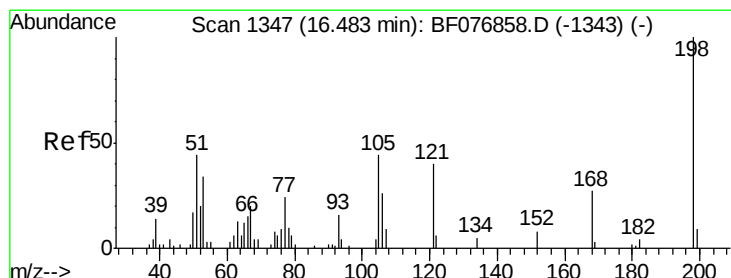
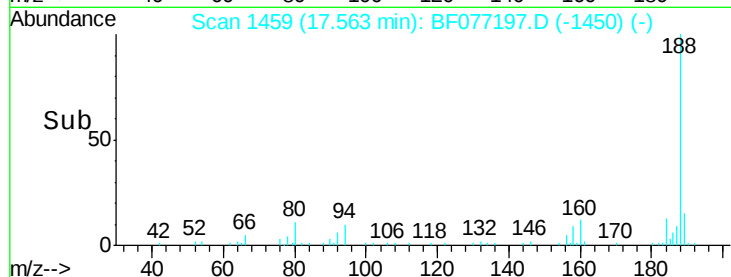
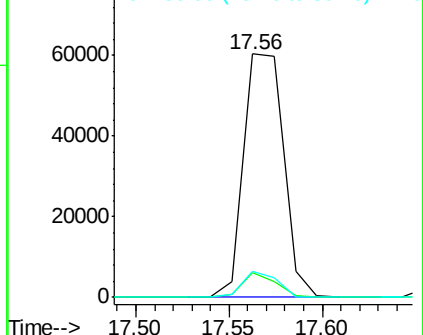
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 1459
Delta R.T. -0.00 min
Lab File: BF077197.D
Acq: 5 Feb 2015 23:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 89803
Ion Ratio Lower Upper
188 100
94 10.4 6.0 9.0#
80 10.9 6.9 10.3#

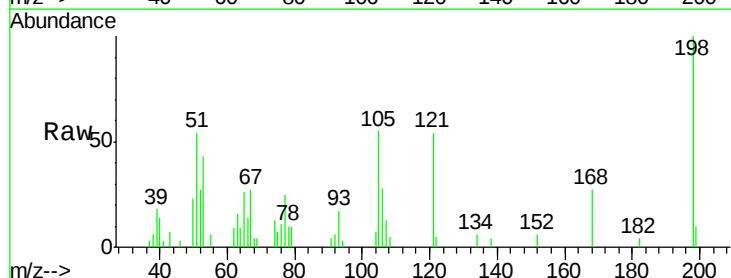


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

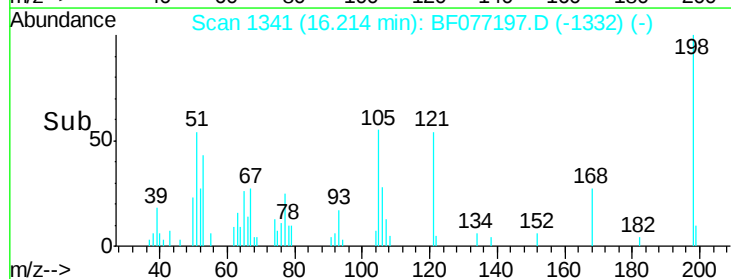
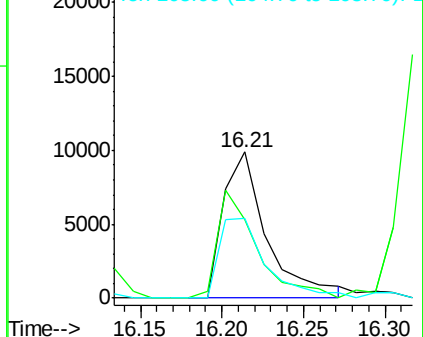


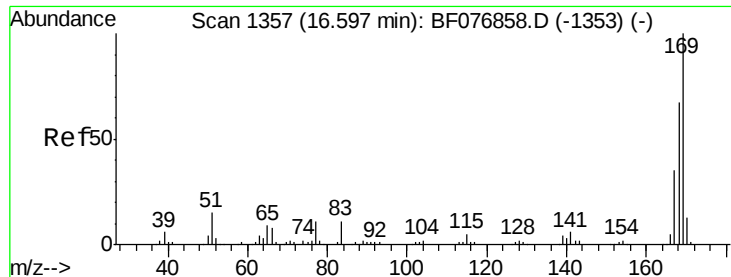
#64
4,6-Dinitro-2-methylphenol
Concen: 32.73 ng
RT: 16.21 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF077197.D
Acq: 5 Feb 2015 23:23

Tgt Ion:198 Resp: 18236
Ion Ratio Lower Upper
198 100
51 53.7 24.2 64.2
105 54.9 24.0 64.0



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

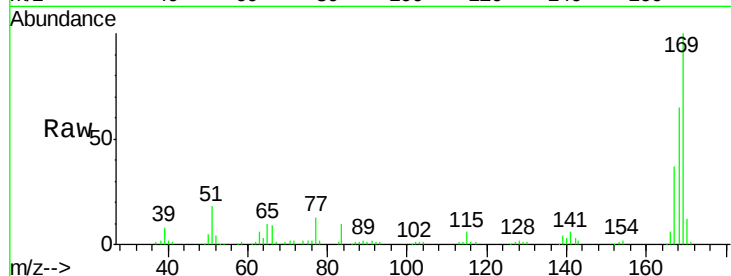




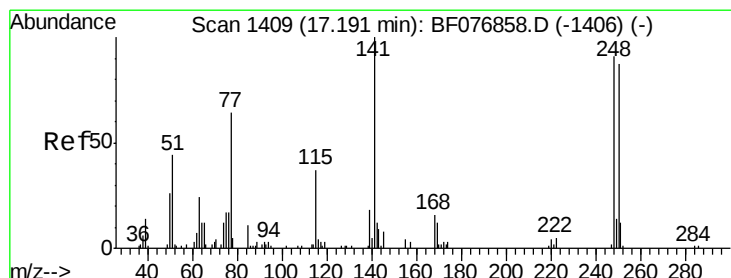
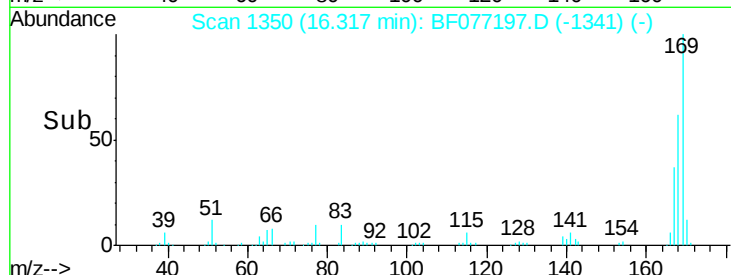
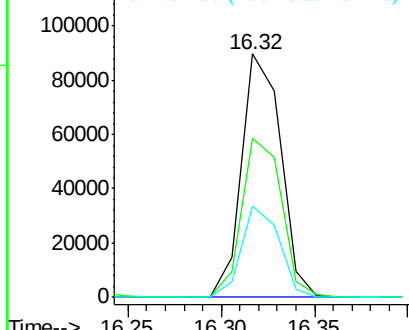
#65
 n-Nitrosodiphenylamine
 Concen: 40.77 ng
 RT: 16.32 min Scan# 1350
 Delta R.T. -0.00 min
 Lab File: BF077197.D
 Acq: 5 Feb 2015 23:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 130549
 Ion Ratio Lower Upper
 169 100
 168 65.4 53.8 80.6
 167 37.5 27.8 41.6

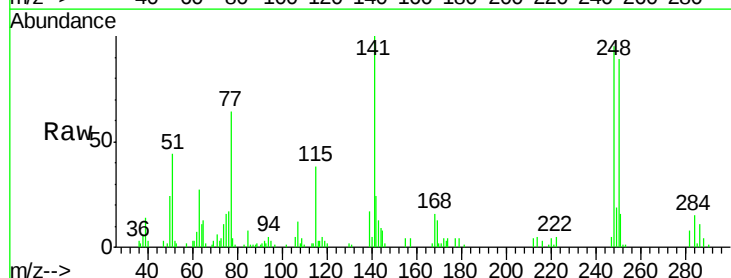


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

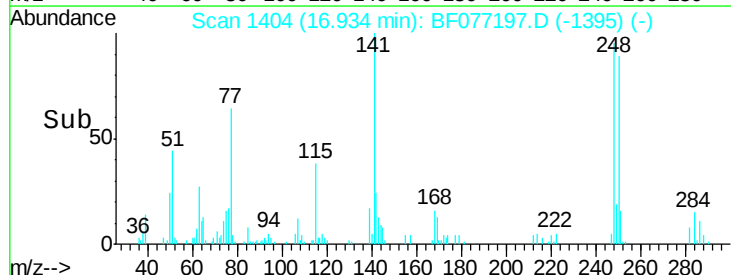
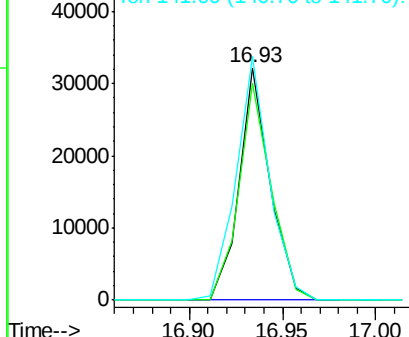


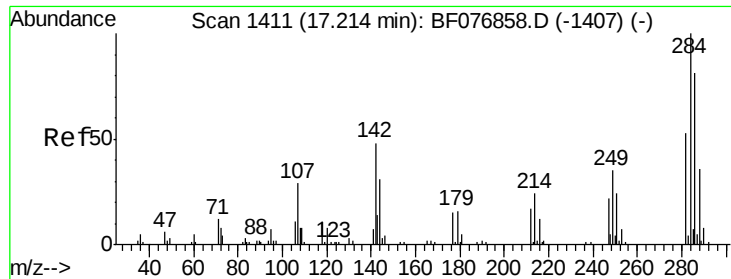
#66
 4-Bromophenyl-phenylether
 Concen: 40.80 ng
 RT: 16.93 min Scan# 1404
 Delta R.T. -0.00 min
 Lab File: BF077197.D
 Acq: 5 Feb 2015 23:23

Tgt Ion:248 Resp: 37116
 Ion Ratio Lower Upper
 248 100
 250 93.4 77.1 115.7
 141 104.7 88.2 132.4



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

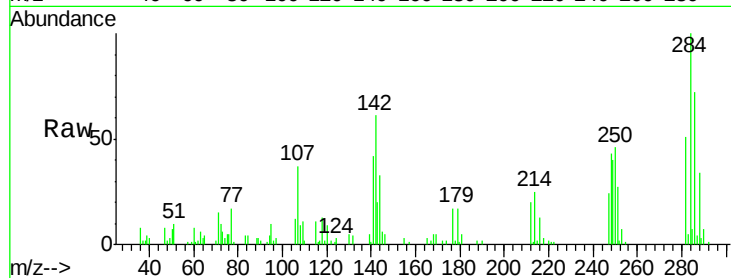




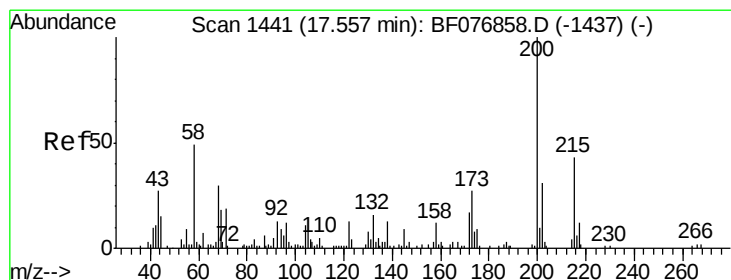
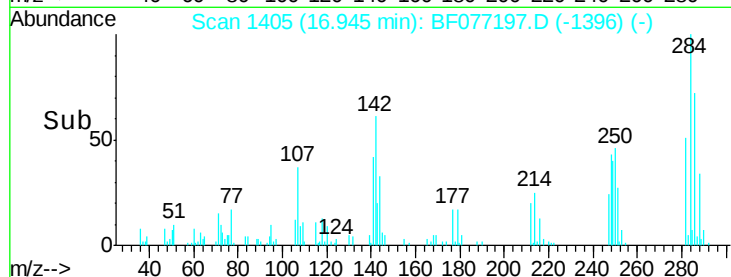
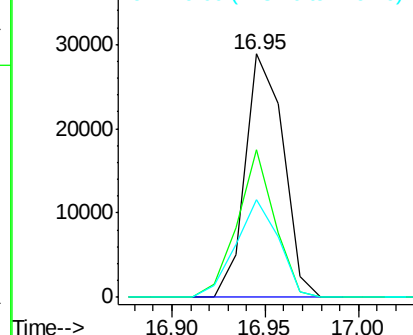
#67
Hexachlorobenzene
Concen: 42.56 ng
RT: 16.95 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BF077197.D
Acq: 5 Feb 2015 23:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 40809
Ion Ratio Lower Upper
284 100
142 60.7 38.2 57.4#
249 40.3 28.2 42.2

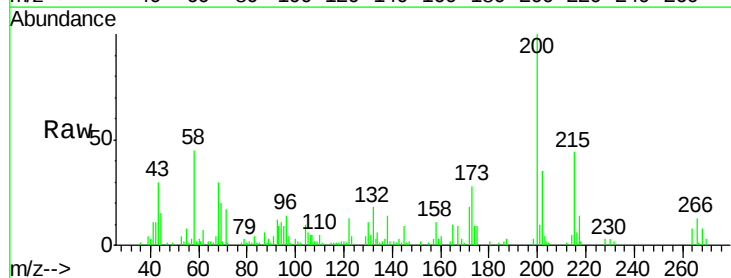


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

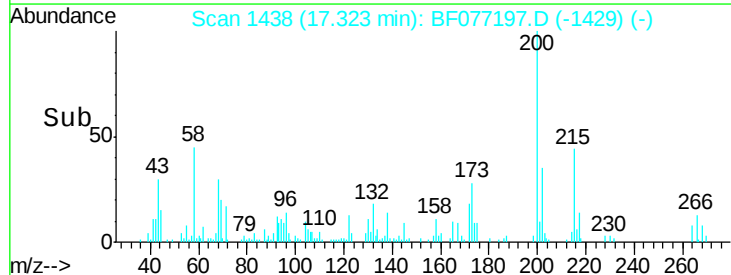
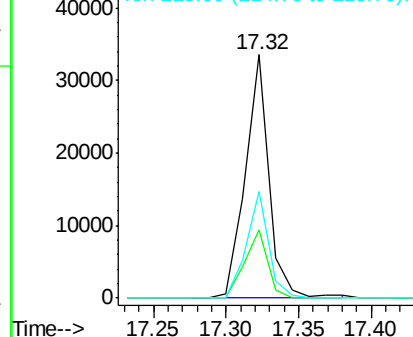


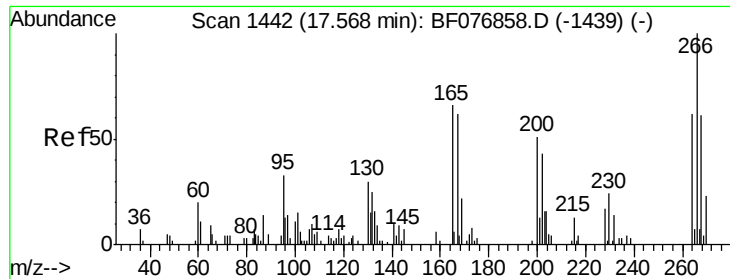
#68
Atrazine
Concen: 39.15 ng
RT: 17.32 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF077197.D
Acq: 5 Feb 2015 23:23

Tgt Ion:200 Resp: 38045
Ion Ratio Lower Upper
200 100
173 27.9 6.6 46.6
215 44.1 22.9 62.9



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

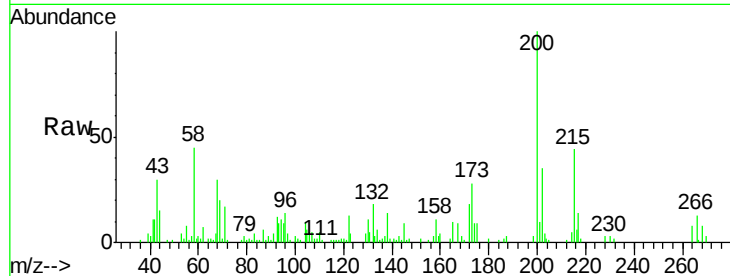




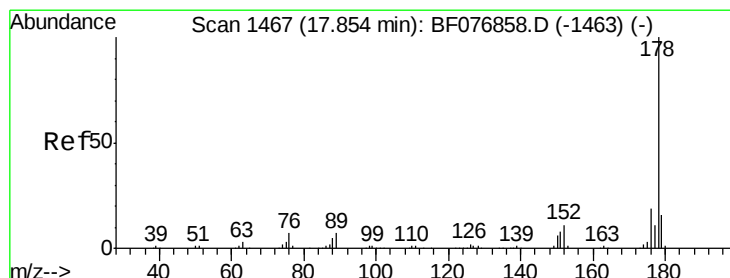
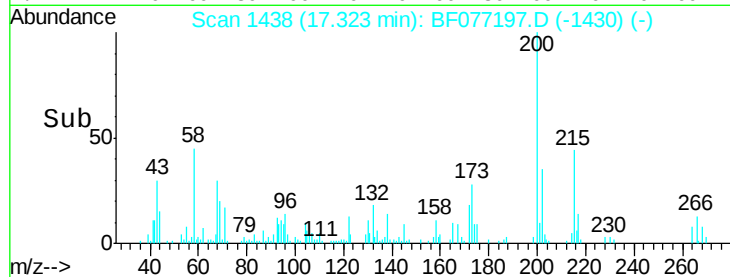
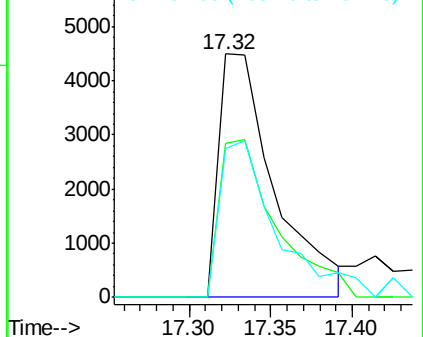
#69
 Pentachlorophenol
 Concen: 29.10 ng
 RT: 17.32 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF077197.D
 Acq: 5 Feb 2015 23:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 10680
 Ion Ratio Lower Upper
 266 100
 268 63.1 48.6 72.8
 264 61.1 49.5 74.3

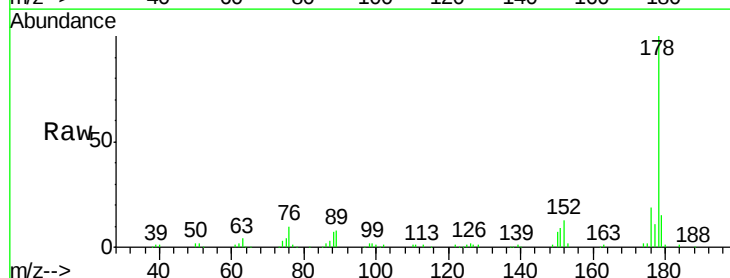


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

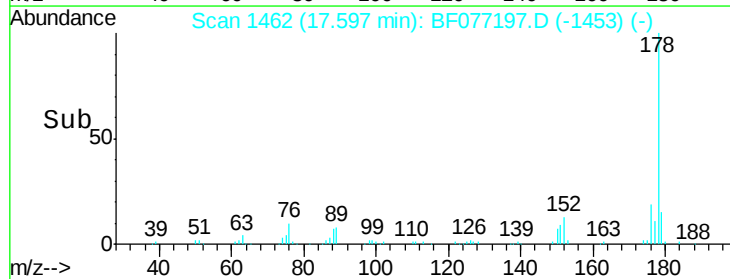
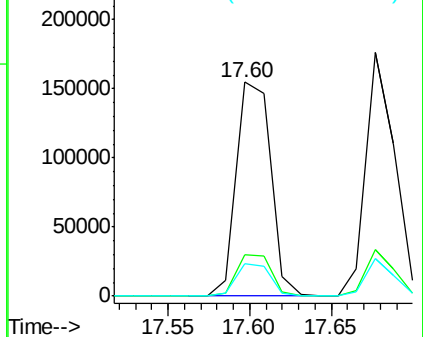


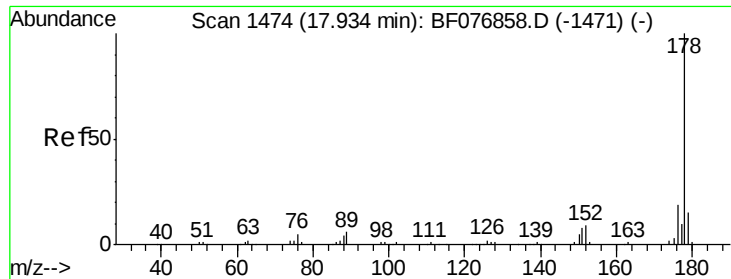
#70
 Phenanthrene
 Concen: 40.43 ng
 RT: 17.60 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: BF077197.D
 Acq: 5 Feb 2015 23:23

Tgt Ion:178 Resp: 226414
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.1 22.7
 179 15.4 12.7 19.1



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

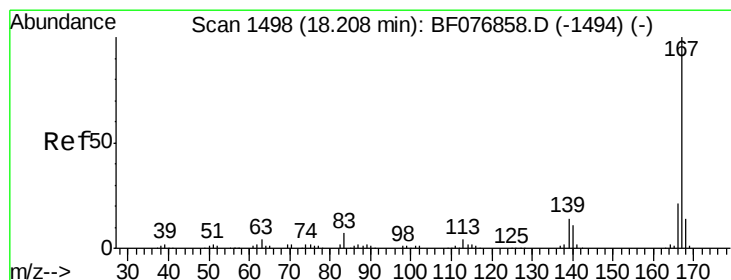
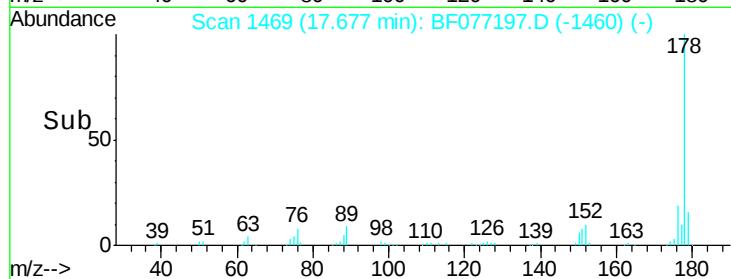
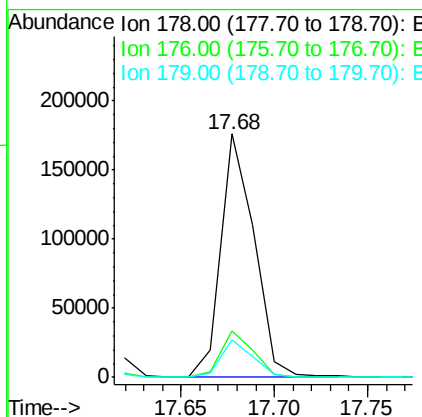
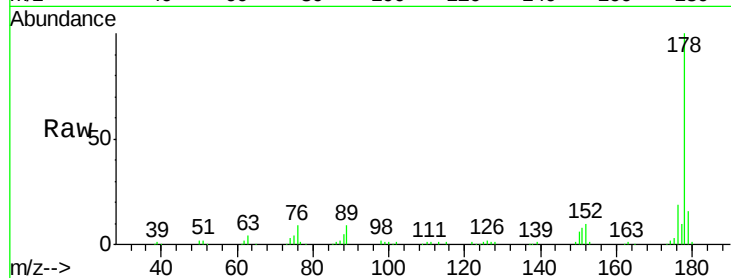




#71
 Anthracene
 Concen: 40.14 ng
 RT: 17.68 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: BF077197.D
 Acq: 5 Feb 2015 23:23

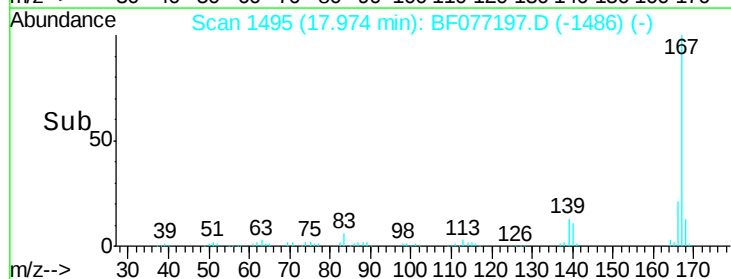
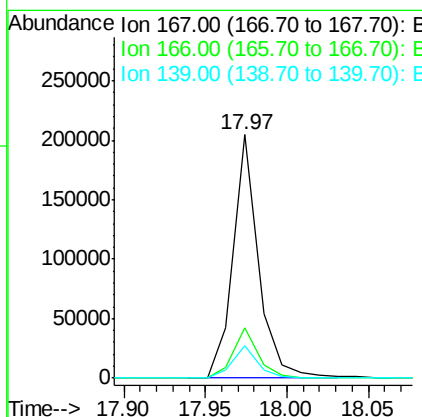
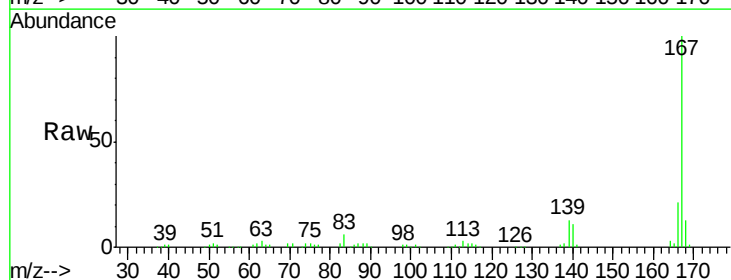
Instrument :
 BNA_F
 ClientSampleId :

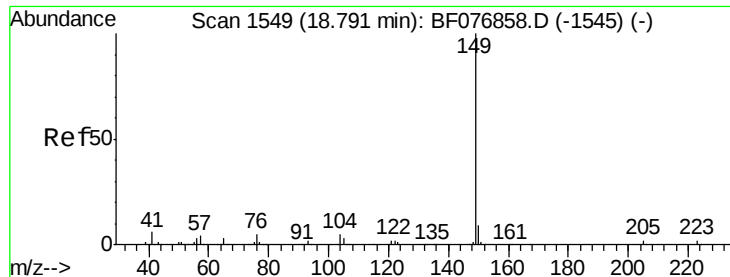
Tot Ion:178 Resp: 219230
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.0
 179 15.6 11.9 17.9



#72
 Carbazole
 Concen: 41.60 ng
 RT: 17.97 min Scan# 1495
 Delta R.T. -0.00 min
 Lab File: BF077197.D
 Acq: 5 Feb 2015 23:23

Tgt Ion:167 Resp: 220349
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.0 25.6
 139 13.2 11.3 16.9





#73

Di-n-butylphthalate

Concen: 44.49 ng

RT: 18.57 min Scan# 1547

Delta R.T. -0.00 min

Lab File: BF077197.D

Acq: 5 Feb 2015 23:23

Instrument :

BNA_F

ClientSampleId :

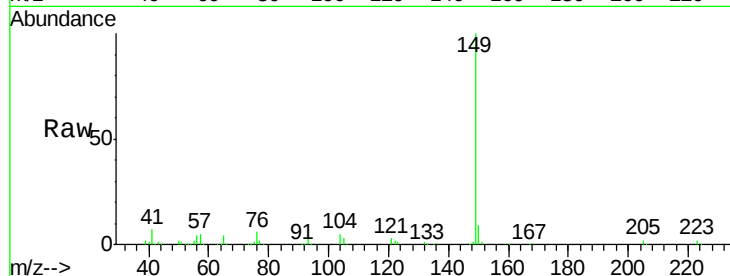
Tot Ion:149 Resp: 272780

Ion Ratio Lower Upper

149 100

150 8.9 6.9 10.3

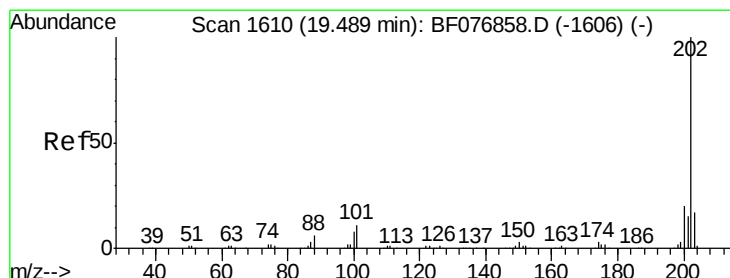
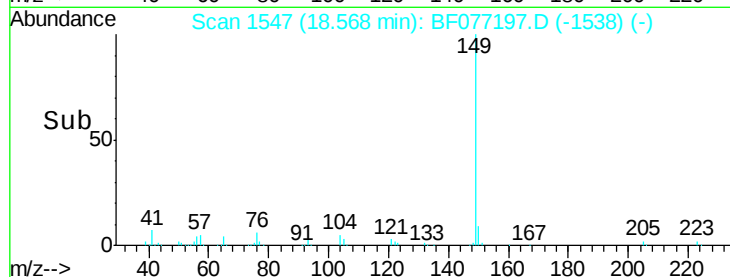
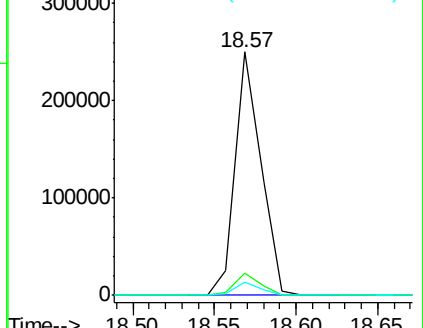
104 5.4 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.03 ng

RT: 19.25 min Scan# 1607

Delta R.T. -0.00 min

Lab File: BF077197.D

Acq: 5 Feb 2015 23:23

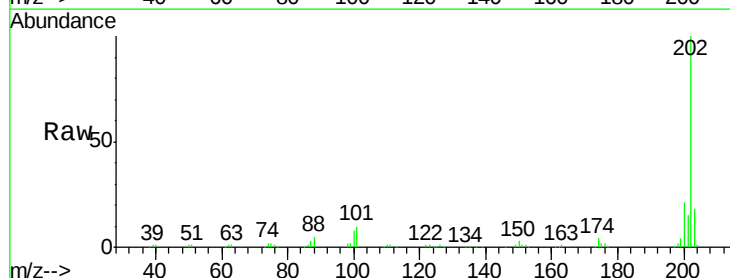
Tgt Ion:202 Resp: 241163

Ion Ratio Lower Upper

202 100

101 10.0 0.0 30.7

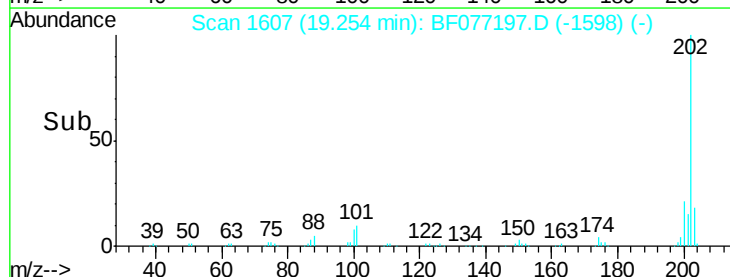
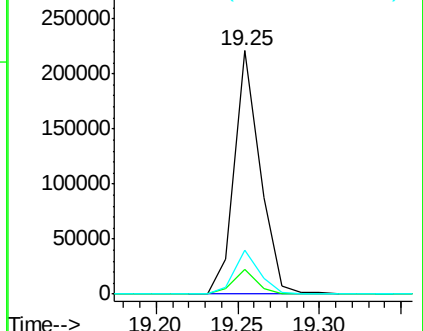
203 18.1 0.0 36.9

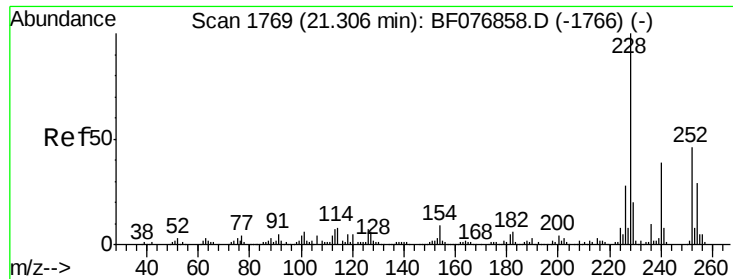


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

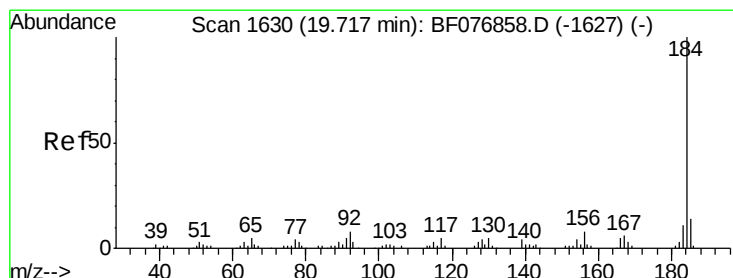
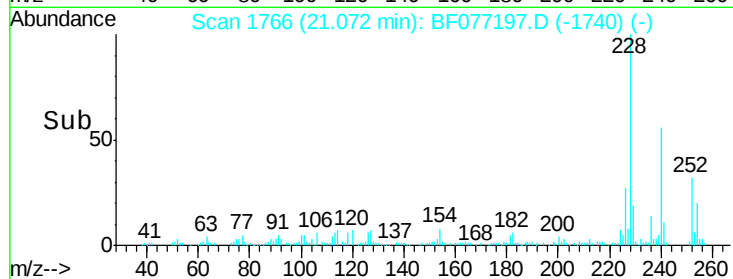
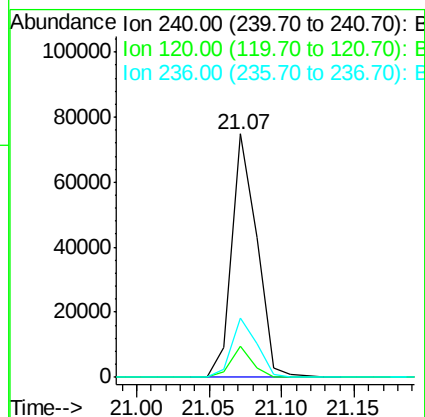
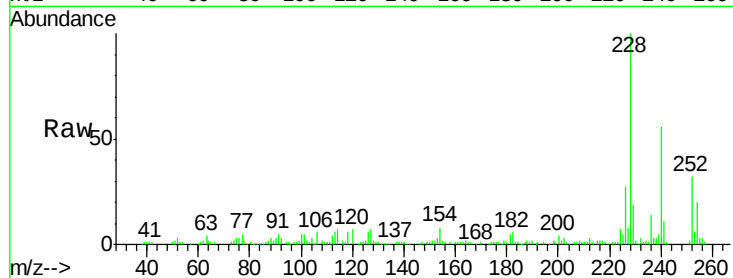




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.07 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BF077197.D
Acq: 5 Feb 2015 23:23

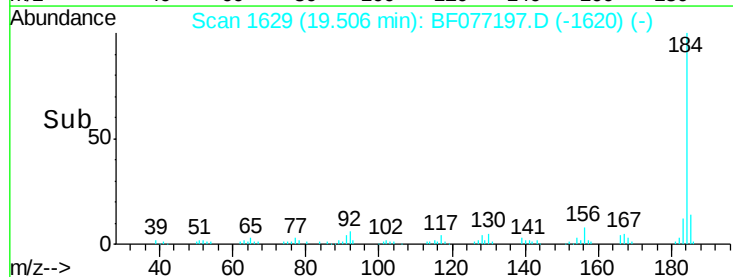
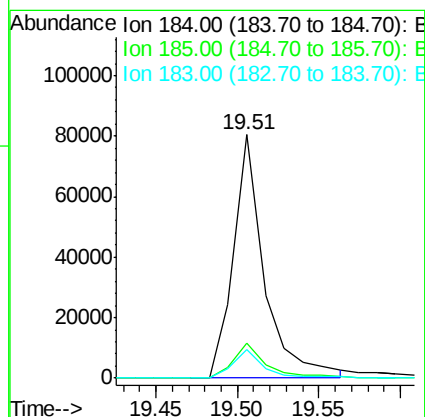
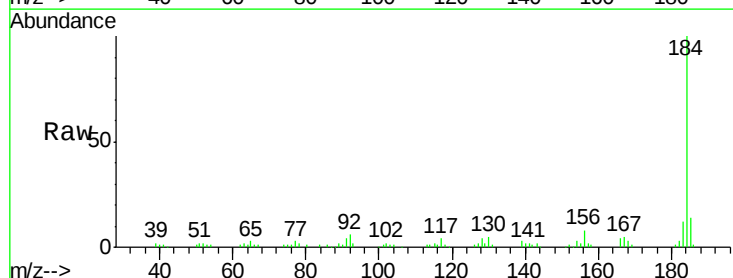
Instrument :
BNA_F
ClientSampleId :

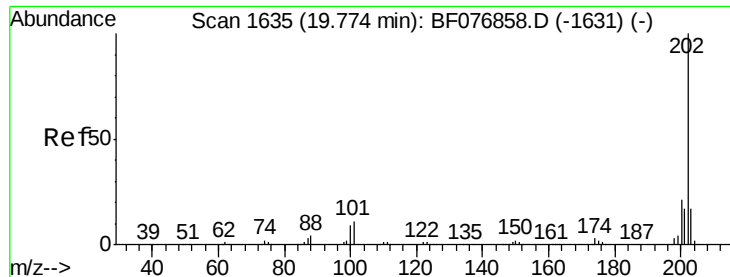
Tot Ion:240 Resp: 90027
Ion Ratio Lower Upper
240 100
120 12.9 10.4 15.6
236 24.4 20.2 30.2



#76
Benzidine
Concen: 36.51 ng
RT: 19.51 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BF077197.D
Acq: 5 Feb 2015 23:23

Tgt Ion:184 Resp: 105186
Ion Ratio Lower Upper
184 100
185 14.5 11.4 17.2
183 11.6 9.0 13.6

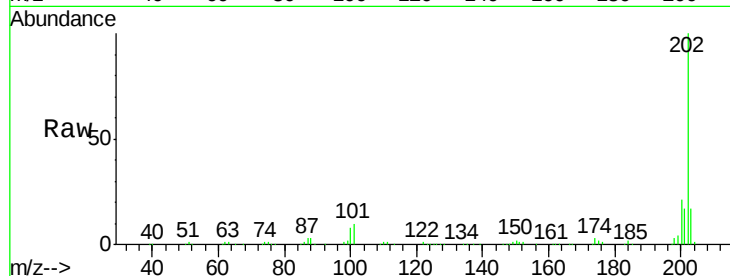




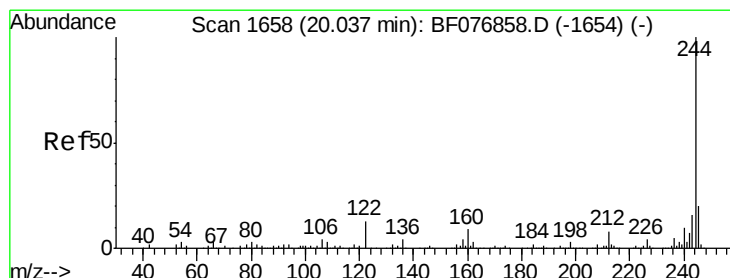
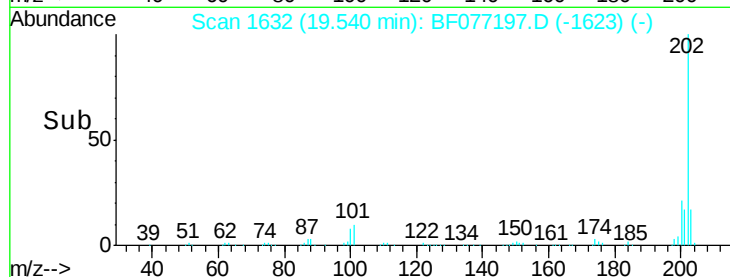
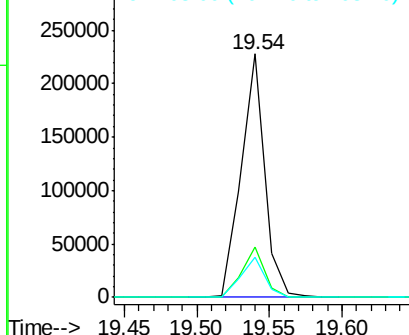
#77
 Pvrene
 Concen: 41.66 ng
 RT: 19.54 min Scan# 1632
 Delta R.T. -0.00 min
 Lab File: BF077197.D
 Acq: 5 Feb 2015 23:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.7	25.1
203	16.7	14.0	21.0

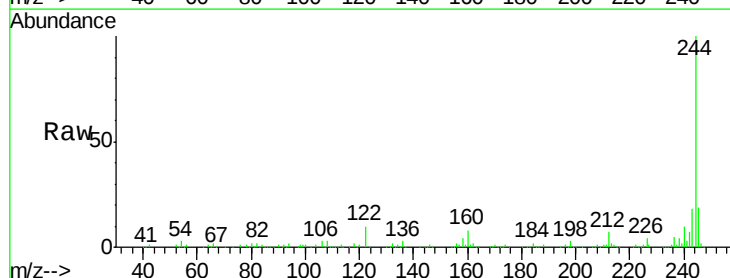


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

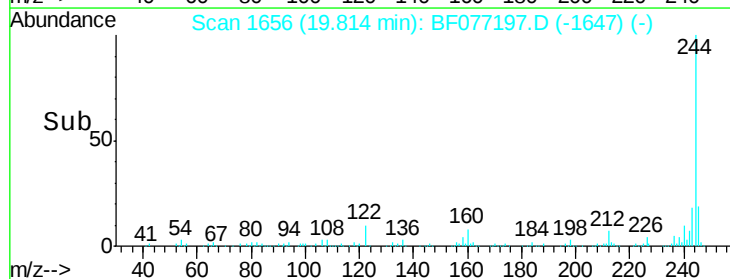
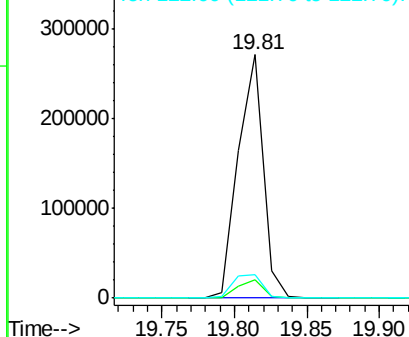


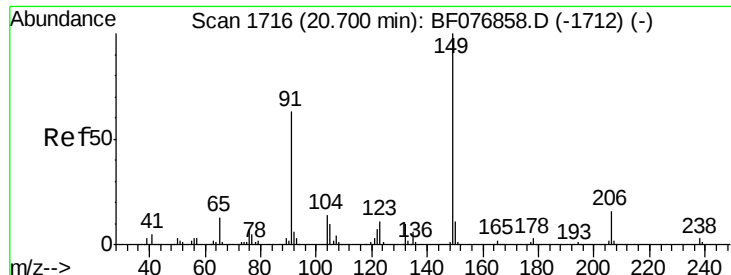
#78
 Terphenyl-d14
 Concen: 83.38 ng
 RT: 19.81 min Scan# 1656
 Delta R.T. -0.00 min
 Lab File: BF077197.D
 Acq: 5 Feb 2015 23:23

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.3	9.5
122	9.6	10.1	15.1#



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

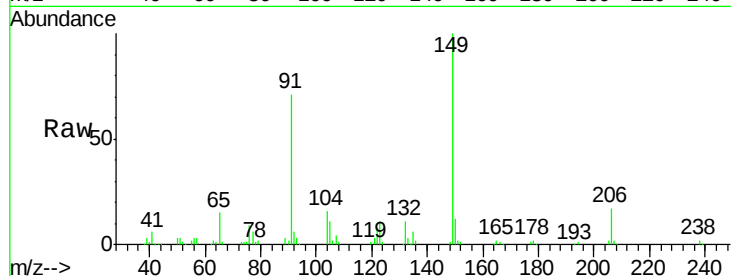




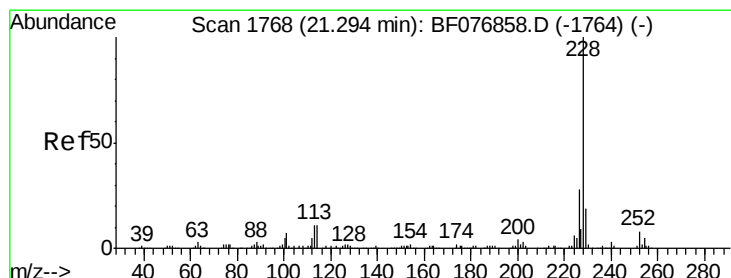
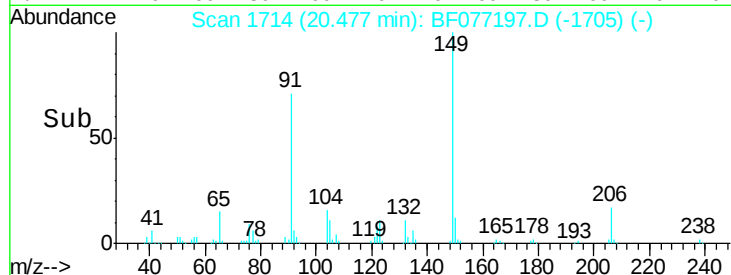
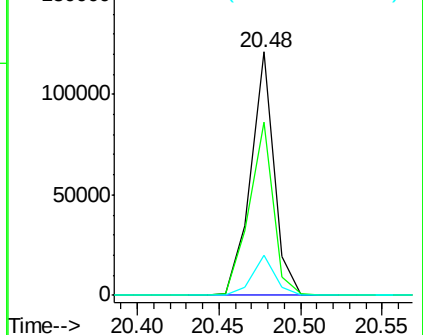
#79
Butylbenzylphthalate
Concen: 43.27 ng
RT: 20.48 min Scan# 1714
Delta R.T. -0.00 min
Lab File: BF077197.D
Acq: 5 Feb 2015 23:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 120918
Ion Ratio Lower Upper
149 100
91 70.9 50.6 76.0
206 16.7 12.8 19.2

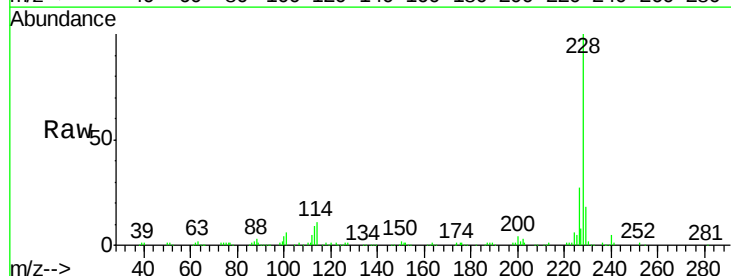


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

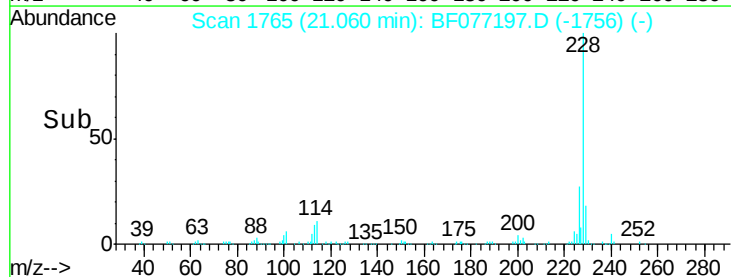
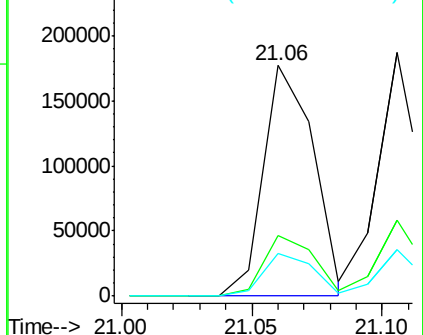


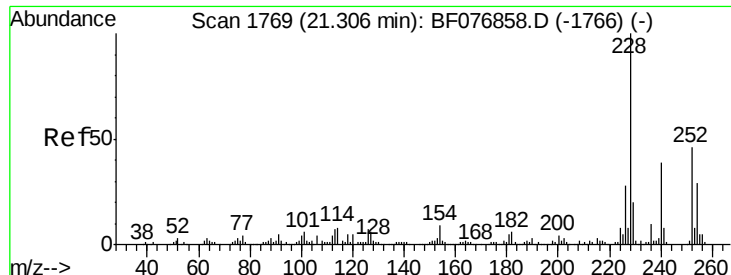
#80
Benzo(a)anthracene
Concen: 41.58 ng
RT: 21.06 min Scan# 1765
Delta R.T. -0.00 min
Lab File: BF077197.D
Acq: 5 Feb 2015 23:23

Tgt Ion:228 Resp: 234851
Ion Ratio Lower Upper
228 100
226 26.5 22.1 33.1
229 18.4 15.5 23.3



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

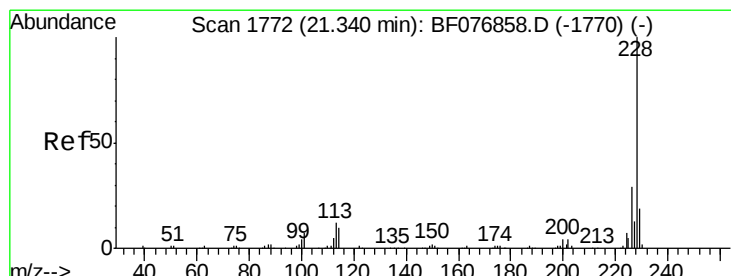
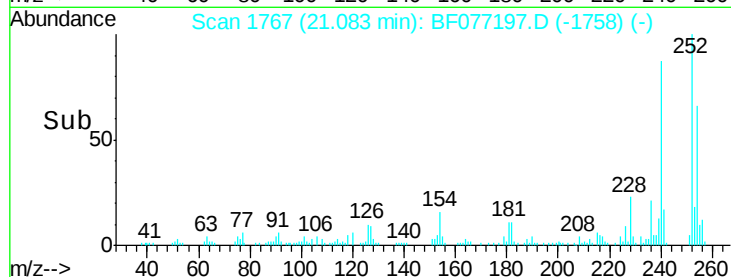
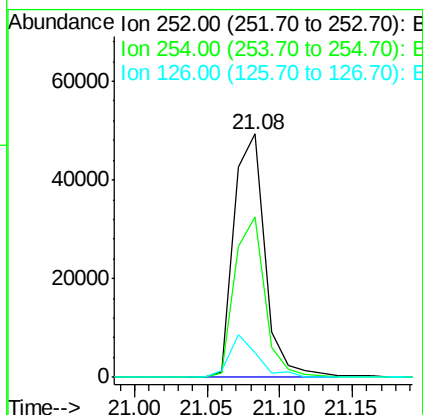
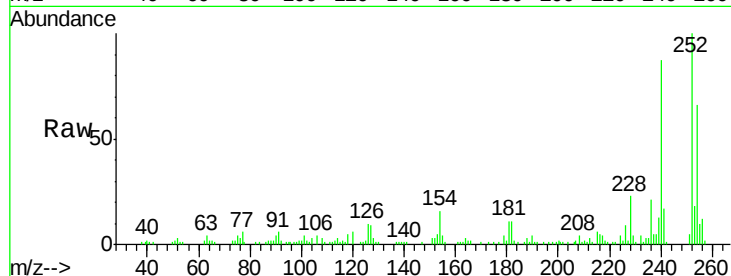




#81
 3,3'-Dichlorobenzidine
 Concen: 41.03 ng
 RT: 21.08 min Scan# 1767
 Delta R.T. -0.00 min
 Lab File: BF077197.D
 Acq: 5 Feb 2015 23:23

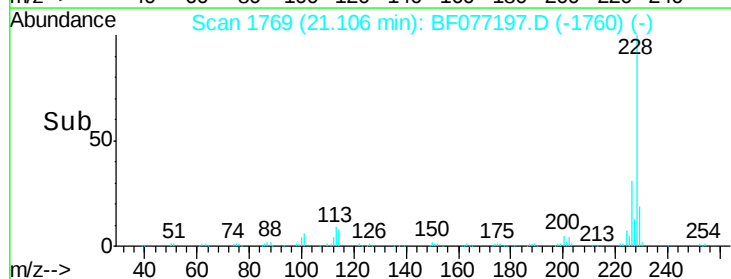
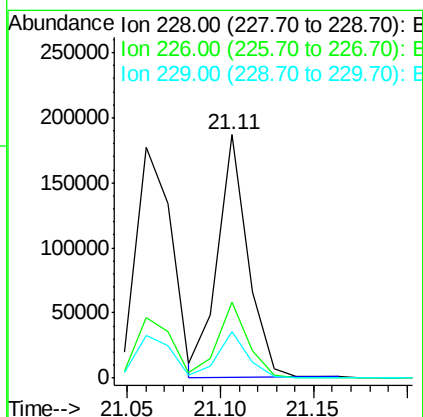
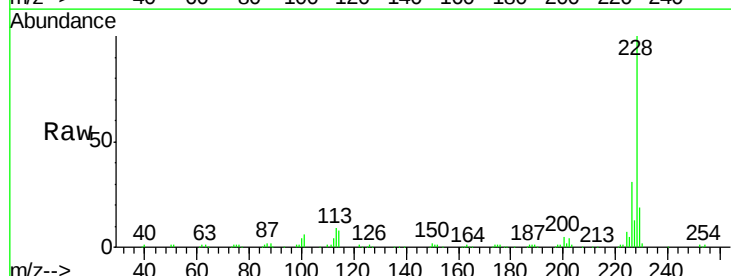
Instrument :
 BNA_F
 ClientSampleId :

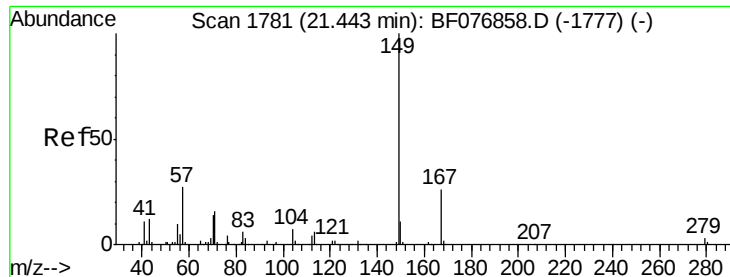
Tot Ion:252 Resp: 73647
 Ion Ratio Lower Upper
 252 100
 254 65.8 50.2 75.4
 126 9.9 11.5 17.3#



#82
 Chrysene
 Concen: 41.17 ng
 RT: 21.11 min Scan# 1769
 Delta R.T. -0.00 min
 Lab File: BF077197.D
 Acq: 5 Feb 2015 23:23

Tgt Ion:228 Resp: 212042
 Ion Ratio Lower Upper
 228 100
 226 31.0 23.4 35.0
 229 19.1 15.4 23.0

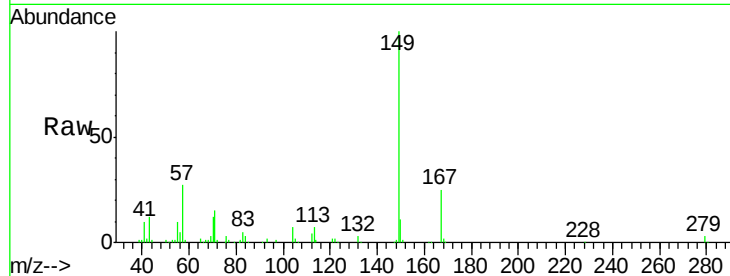




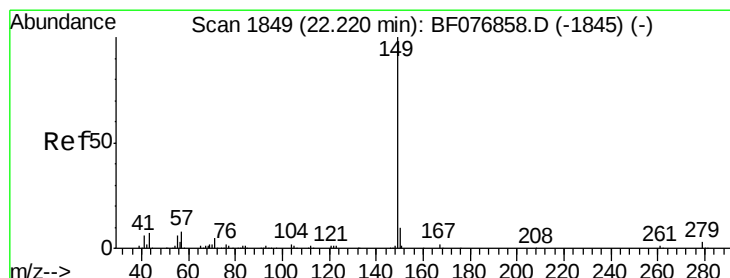
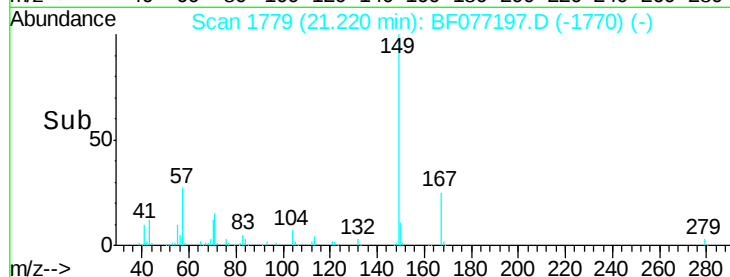
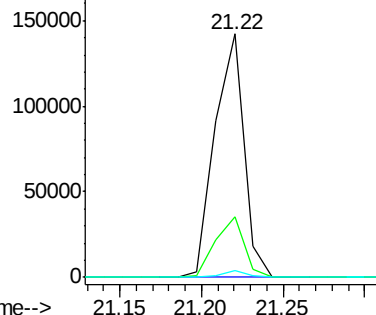
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.53 ng
 RT: 21.22 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: BF077197.D
 Acq: 5 Feb 2015 23:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 176038
 Ion Ratio Lower Upper
 149 100
 167 24.9 20.6 30.8
 279 2.8 2.2 3.2

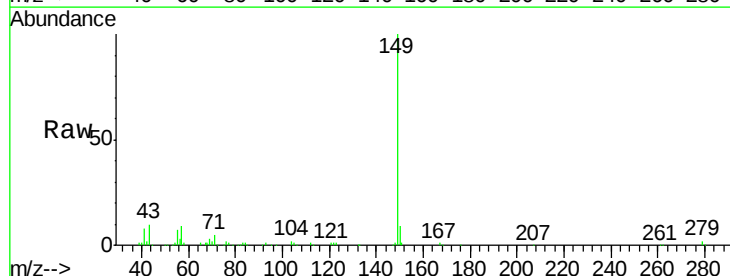


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

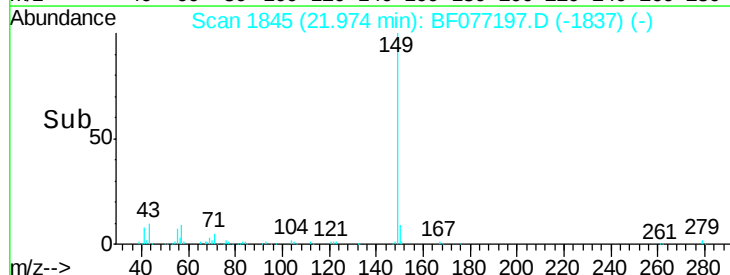
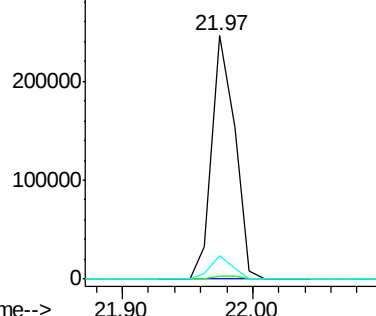


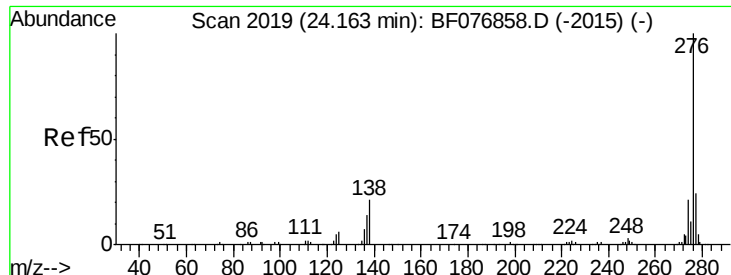
#84
 Di-n-octyl phthalate
 Concen: 45.17 ng
 RT: 21.97 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF077197.D
 Acq: 5 Feb 2015 23:23

Tgt Ion:149 Resp: 303080
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.1 1.7
 43 9.2 6.6 10.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

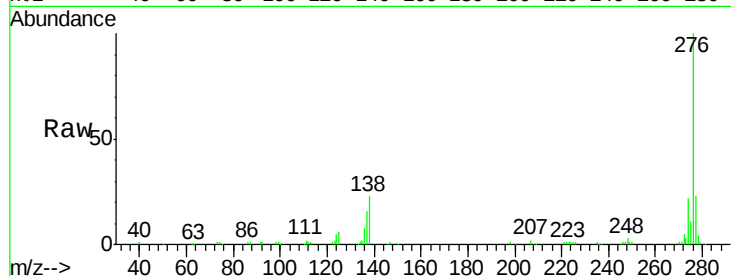




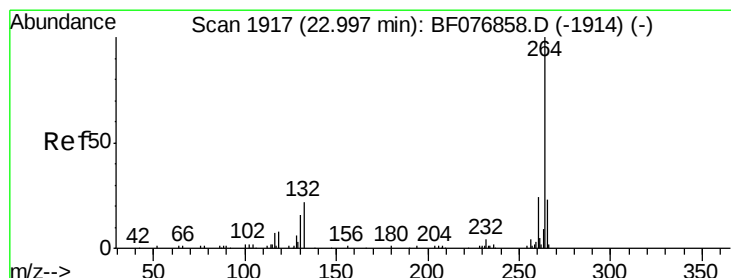
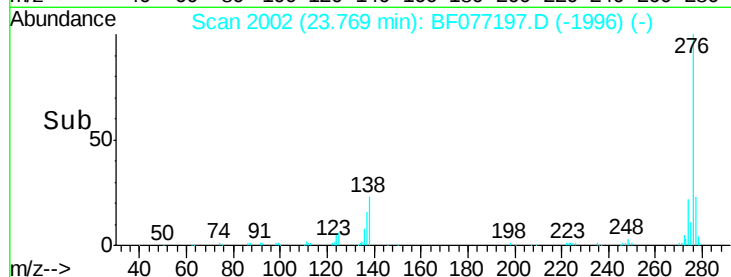
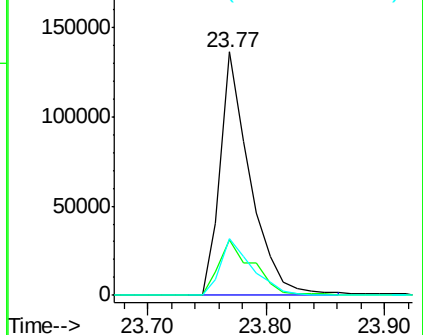
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.69 ng
RT: 23.77 min Scan# 2002
Delta R.T. -0.03 min
Lab File: BF077197.D
Acq: 5 Feb 2015 23:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 238504
Ion Ratio Lower Upper
276 100
138 26.2 14.6 22.0#
277 25.0 14.8 22.2#

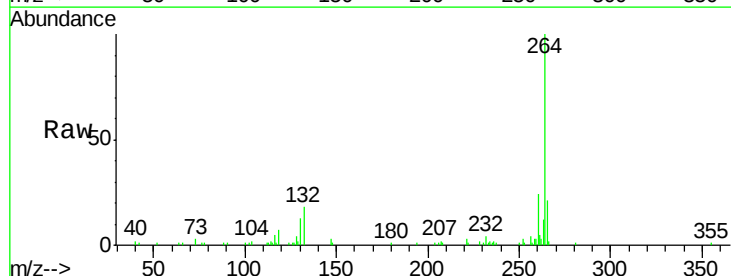


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

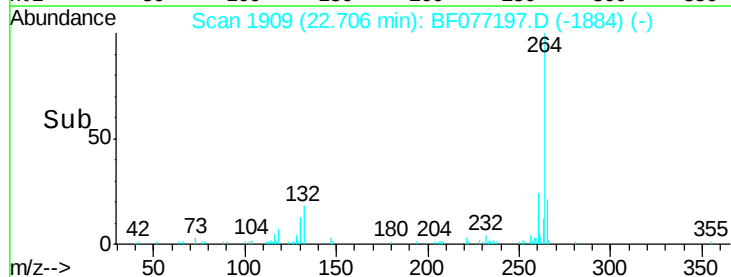
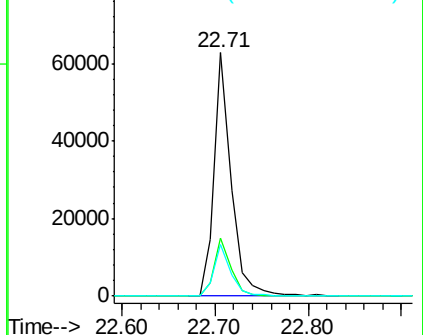


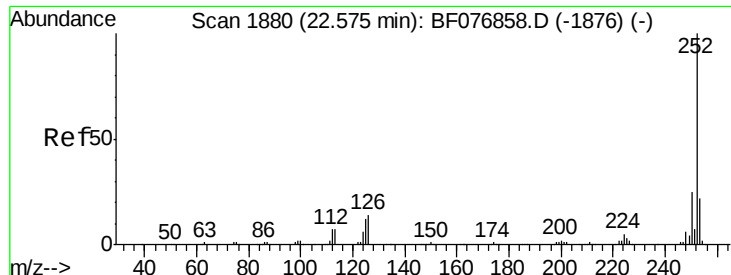
#86
Perylene-d12
Concen: 20.00 ng
RT: 22.71 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BF077197.D
Acq: 5 Feb 2015 23:23

Tgt Ion:264 Resp: 80095
Ion Ratio Lower Upper
264 100
260 24.0 19.0 28.4
265 21.3 18.1 27.1



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

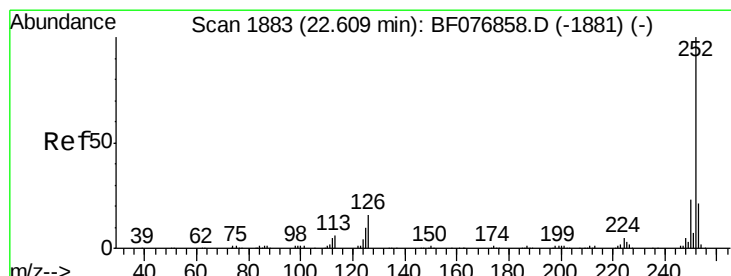
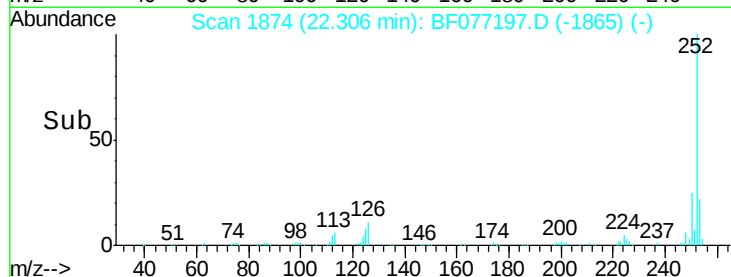
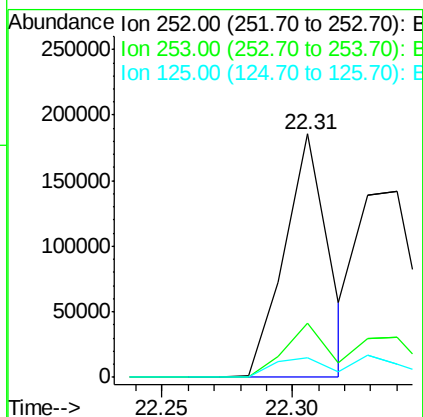
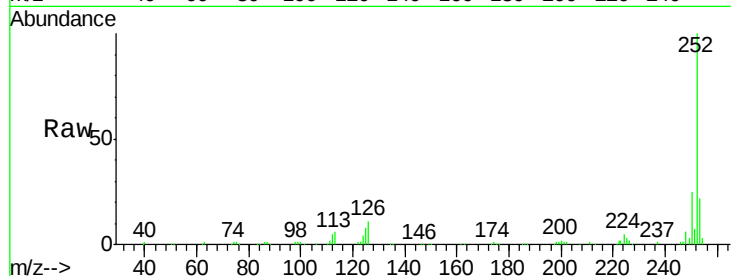




#87
Benzo(b)fluoranthene
Concen: 40.22 ng
RT: 22.31 min Scan# 1874
Delta R.T. -0.00 min
Lab File: BF077197.D
Acq: 5 Feb 2015 23:23

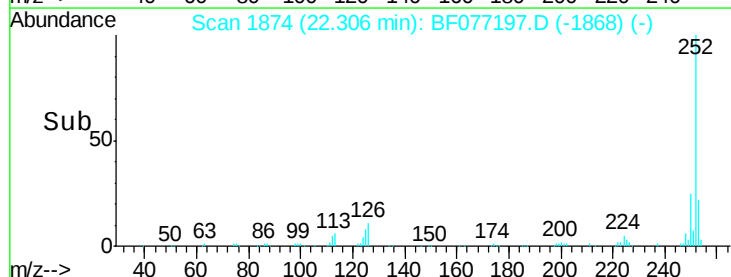
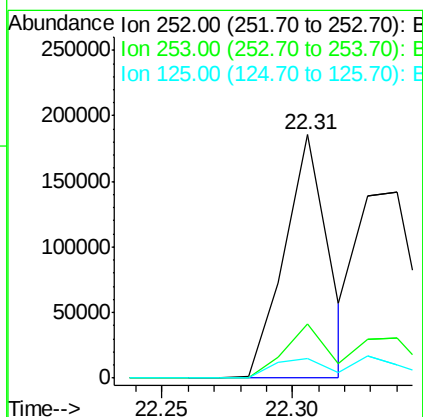
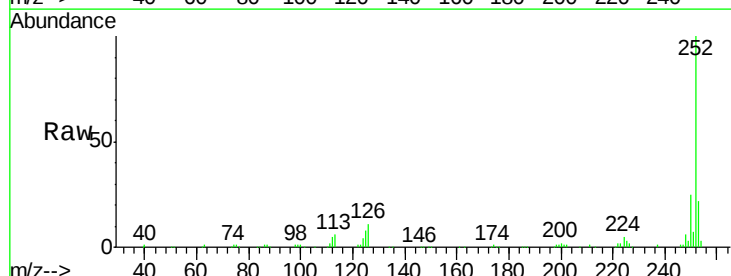
Instrument :
BNA_F
ClientSampleId :

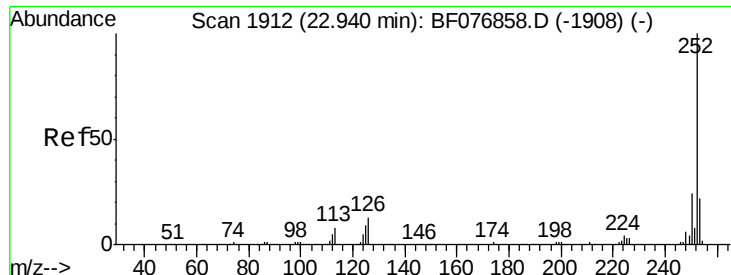
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	8.0	9.4	14.0



#88
Benzo(k)fluoranthene
Concen: 46.03 ng
RT: 22.31 min Scan# 1874
Delta R.T. -0.03 min
Lab File: BF077197.D
Acq: 5 Feb 2015 23:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	8.0	7.1	10.7

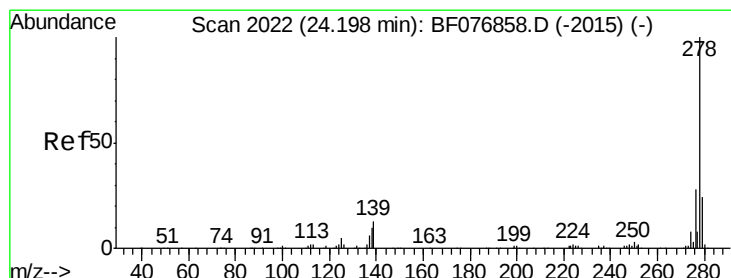
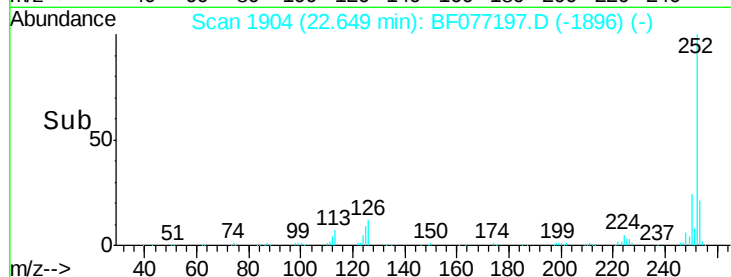
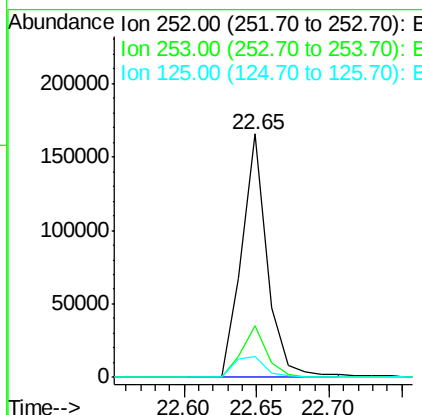
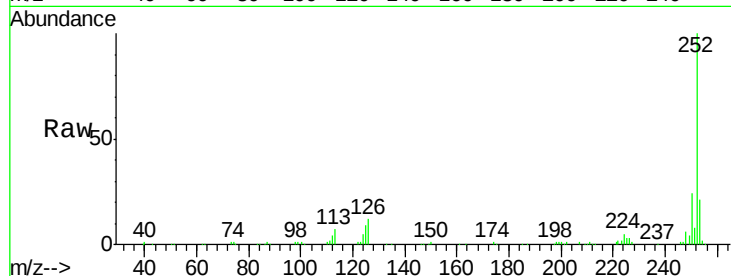




#89
Benzo(a)pyrene
Concen: 42.83 ng
RT: 22.65 min Scan# 1904
Delta R.T. -0.01 min
Lab File: BF077197.D
Acq: 5 Feb 2015 23:23

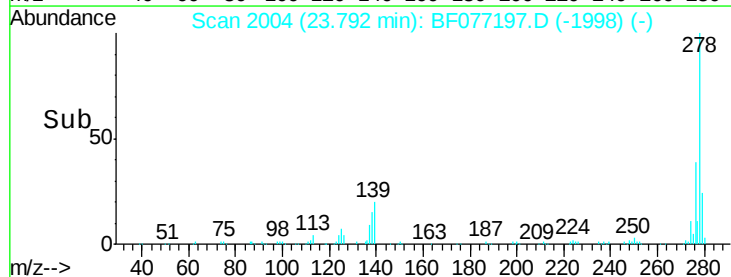
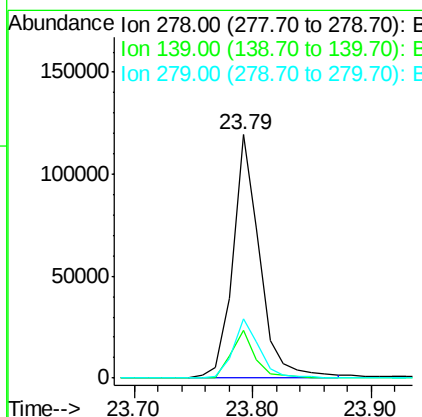
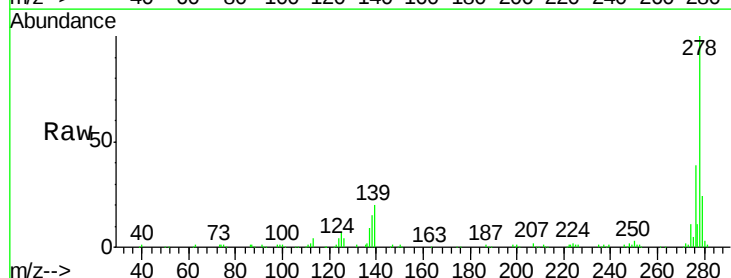
Instrument :
BNA_F
ClientSampleId :

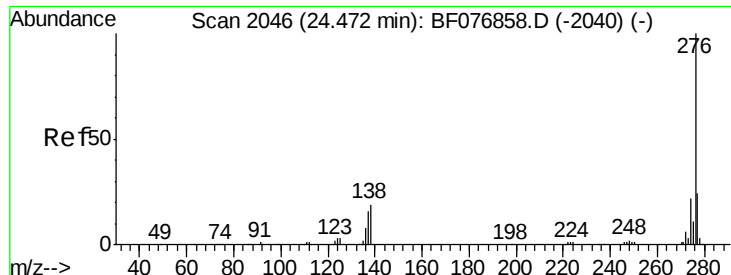
Tot Ion:252 Resp: 203800
Ion Ratio Lower Upper
252 100
253 21.1 17.9 26.9
125 8.6 7.2 10.8



#90
Dibenzo(a,h)anthracene
Concen: 43.17 ng
RT: 23.79 min Scan# 2004
Delta R.T. -0.03 min
Lab File: BF077197.D
Acq: 5 Feb 2015 23:23

Tgt Ion:278 Resp: 188486
Ion Ratio Lower Upper
278 100
139 19.8 10.5 15.7#
279 24.3 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 44.74 ng

RT: 24.04 min Scan# 2026

Delta R.T. -0.03 min

Lab File: BF077197.D

Acq: 5 Feb 2015 23:23

Instrument :

BNA_F

ClientSampleId :

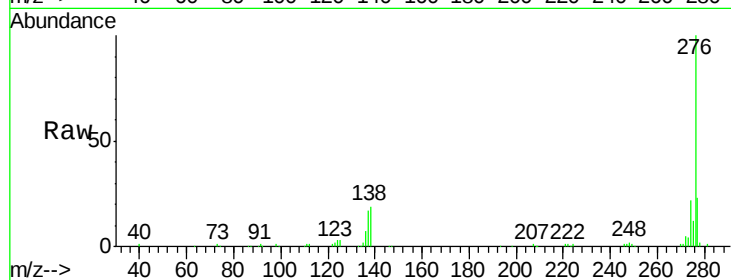
Tot Ion:276 Resp: 194184

Ion Ratio Lower Upper

276 100

277 22.6 19.5 29.3

138 18.9 15.0 22.6



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

