

Data Path : Z:\HPCHEM1\BNA F\Data\BF020315\
 Data File : BF077165.D
 Acq On : 3 Feb 2015 17:09
 Operator : TP/IZ
 Sample : G1198-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 04 01:14:53 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 04 00:59:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	22713	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	94463	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	44846	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	84965	20.00	ng	0.00
75) Chrysene-d12	21.07	240	84999	20.00	ng	-0.02
86) Perylene-d12	22.75	264	77492	20.00	ng	-0.13

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.69	112	134934	97.68	ng	0.00
7) Phenol-d6	7.08	99	172306	98.87	ng	0.00
23) Nitrobenzene-d5	8.99	82	106804	62.64	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	38698	106.31	ng	0.00
44) 2-Fluorobiphenyl	13.24	172	207637	70.46	ng	0.00
78) Terphenyl-d14	19.81	244	217535	58.92	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.10	88	15326	25.91	ng	# 94
3) Pyridine	1.56	79	35646	23.29	ng	99
4) n-Nitrosodimethylamine	1.52	42	20114	26.53	ng	99
6) Aniline	6.97	93	60861	25.24	ng	97
8) 2-Chlorophenol	7.21	128	51426	32.29	ng	94
9) Benzaldehyde	6.73	77	4753	3.61	ng	91
10) Phenol	7.12	94	59811	32.32	ng	96
11) bis(2-Chloroethyl)ether	7.23	93	49589	34.25	ng	# 71
12) 1,3-Dichlorobenzene	7.53	146	55233	30.48	ng	94
13) 1,4-Dichlorobenzene	7.72	146	56744	29.53	ng	97
14) 1,2-Dichlorobenzene	8.03	146	53707	30.34	ng	97
15) Benzyl Alcohol	8.13	79	42831	30.37	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.48	45	60678	31.18	ng	94
17) 2-Methylphenol	8.48	107	37659	28.94	ng	# 91
18) Hexachloroethane	8.77	117	20569	30.78	ng	95
19) n-Nitroso-di-n-propylamine	8.76	70	36066	29.57	ng	98
20) 3+4-Methylphenols	8.86	107	45192	26.22	ng	98
22) Acetophenone	8.68	105	75153	32.48	ng	98
24) Nitrobenzene	9.02	77	53337	30.71	ng	98
25) Isophorone	9.63	82	99369	32.00	ng	98
26) 2-Nitrophenol	9.78	139	23448	27.16	ng	# 95
27) 2,4-Dimethylphenol	10.05	122	43557	32.43	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	58748	33.29	ng	# 97
29) 2,4-Dichlorophenol	10.38	162	35560	28.40	ng	98
30) 1,2,4-Trichlorobenzene	10.50	180	43375	31.19	ng	92
31) Naphthalene	10.64	128	151671	31.19	ng	99
32) Benzoic acid	10.46	122	3453	4.64	ng	# 76
33) 4-Chloroaniline	10.90	127	52181	26.55	ng	96
34) Hexachlorobutadiene	11.00	225	25102	30.43	ng	94
35) Caprolactam	11.71	113	9682	26.27	ng	# 64
36) 4-Chloro-3-methylphenol	12.20	107	42642	29.75	ng	96
37) 2-Methylnaphthalene	12.29	142	106658	32.11	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.69	216	40916	36.90	ng	97
40) Hexachlorocyclopentadiene	12.68	237	37614	63.99	ng	95

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

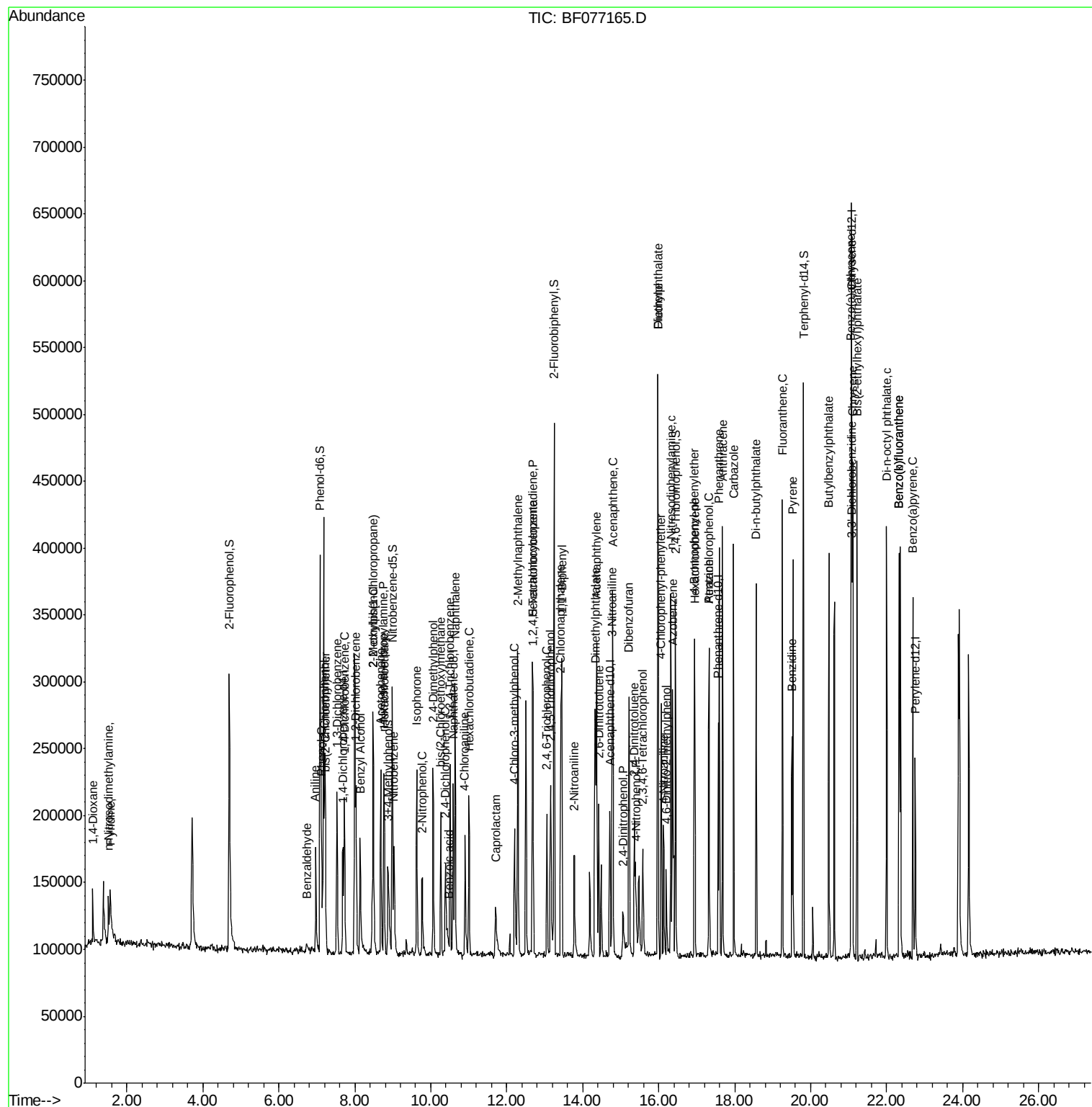
42) 2,4,6-Trichlorophenol	13.05	196	26537	32.85	nq	98
43) 2,4,5-Trichlorophenol	13.15	196	22384	27.17	nq	# 95
45) 1,1'-Biphenyl	13.45	154	127542	38.36	nq	96
46) 2-Chloronaphthalene	13.41	162	97267	35.55	nq	99
47) 2-Nitroaniline	13.77	65	29475	35.51	nq	92
48) Acenaphthylene	14.36	152	161617	35.02	nq	100
49) Dimethylphthalate	14.33	163	141191	44.39	nq	100
50) 2,6-Dinitrotoluene	14.42	165	25877	40.72	nq	96
51) Acenaphthene	14.79	154	90123	34.42	nq	98
52) 3-Nitroaniline	14.77	138	25260	31.11	nq	# 92
53) 2,4-Dinitrophenol	15.06	184	10980	43.17	nq	91
54) Dibenzofuran	15.21	168	139061	36.46	nq	97
55) 4-Nitrophenol	15.39	139	19817	39.75	nq	91
56) 2,4-Dinitrotoluene	15.36	165	33415	35.65	nq	93
57) Fluorene	15.97	166	114814	35.53	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.57	232	16333	27.22	nq	# 79
59) Diethylphthalate	15.97	149	123436	38.40	nq	99
60) 4-Chlorophenyl-phenylether	16.07	204	48516	36.70	nq	98
61) 4-Nitroaniline	16.13	138	24148	30.68	nq	94
62) Azobenzene	16.36	77	147665	44.09	nq	99
64) 4,6-Dinitro-2-methylphenol	16.20	198	12686	24.94	nq	# 36
65) n-Nitrosodiphenylamine	16.32	169	97078	32.04	nq	99
66) 4-Bromophenyl-phenylether	16.93	248	27895	32.41	nq	92
67) Hexachlorobenzene	16.95	284	29707	32.75	nq	# 86
68) Atrazine	17.32	200	30654	33.34	nq	99
69) Pentachlorophenol	17.32	266	13885	37.40	nq	# 90
70) Phenanthrene	17.60	178	165141	31.17	nq	99
71) Anthracene	17.68	178	167141	32.35	nq	99
72) Carbazole	17.97	167	166329	33.19	nq	100
73) Di-n-butylphthalate	18.57	149	196402	33.86	nq	99
74) Fluoranthene	19.25	202	170002	31.31	nq	98
76) Benzidine	19.51	184	100964	37.12	nq	99
77) Pyrene	19.54	202	179696	30.85	nq	99
79) Butylbenzylphthalate	20.48	149	89119	33.78	nq	97
80) Benzo(a)anthracene	21.06	228	160615	30.12	nq	99
81) 3,3'-Dichlorobenzidine	21.08	252	53364	31.49	nq	# 98
82) Chrysene	21.11	228	157852	32.46	nq	99
83) Bis(2-ethylhexyl)phthalate	21.22	149	128254	35.14	nq	# 98
84) Di-n-octyl phthalate	22.00	149	215134	33.96	nq	99
87) Benzo(b)fluoranthene	22.33	252	175455	33.62	nq	99
88) Benzo(k)fluoranthene	22.33	252	175455	38.48	nq	# 98
89) Benzo(a)pyrene	22.69	252	146398	31.80	nq	99

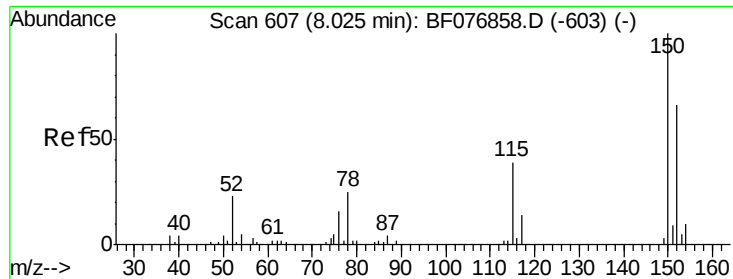
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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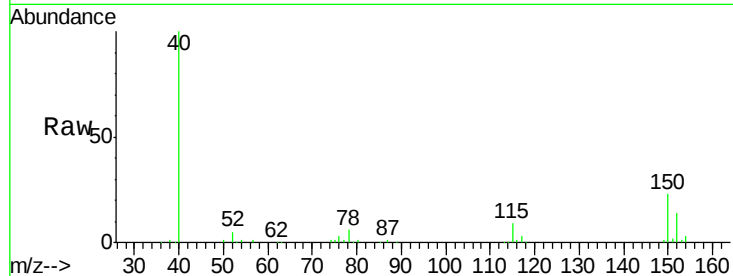


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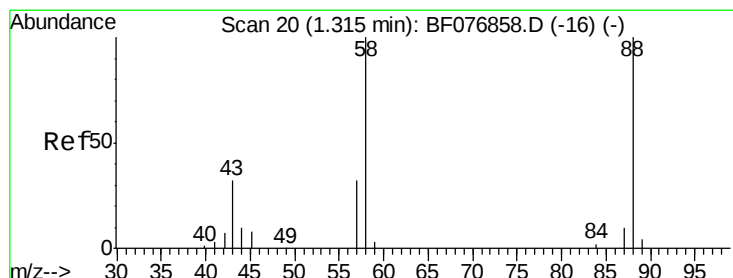
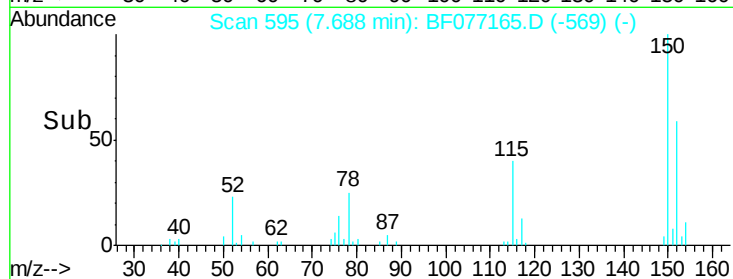
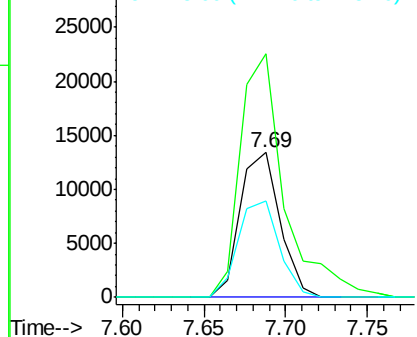
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 595
Delta R.T. -0.00 min
Lab File: BF077165.D
Acq: 3 Feb 2015 17:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 22713
Ion Ratio Lower Upper
152 100
150 168.4 121.7 182.5
115 66.6 47.0 70.6



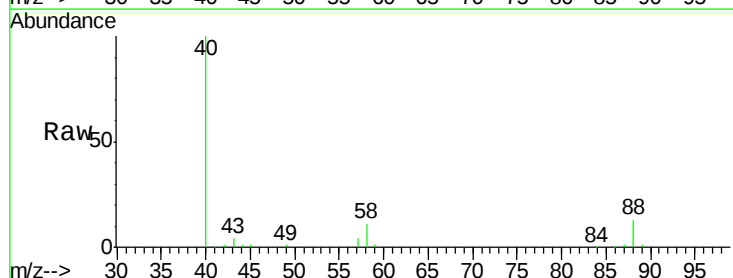
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



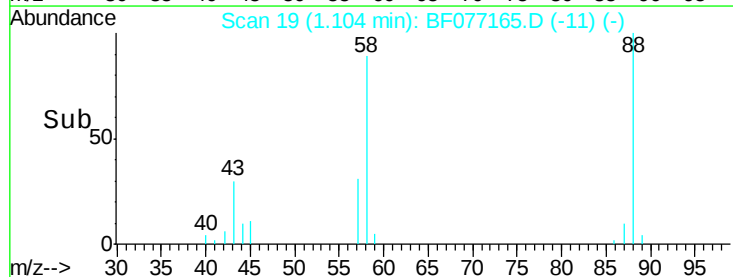
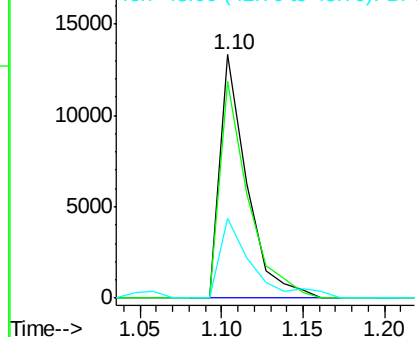
#2

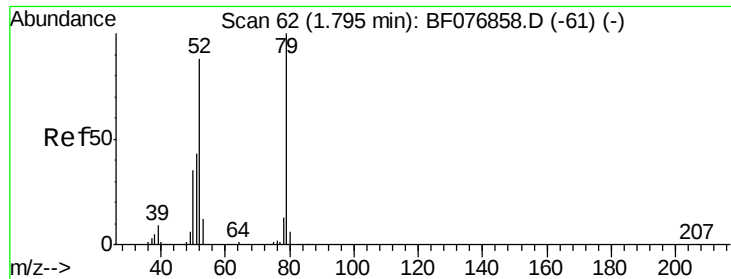
1,4-Dioxane
Concen: 25.91 ng
RT: 1.10 min Scan# 19
Delta R.T. -0.01 min
Lab File: BF077165.D
Acq: 3 Feb 2015 17:09

Tgt Ion: 88 Resp: 15326
Ion Ratio Lower Upper
88 100
58 92.7 77.0 115.4
43 38.5 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: 23.29 ng

RT: 1.56 min Scan# 59

Delta R.T. -0.00 min

Lab File: BF077165.D

Acq: 3 Feb 2015 17:09

Instrument :

BNA_F

ClientSampleId :

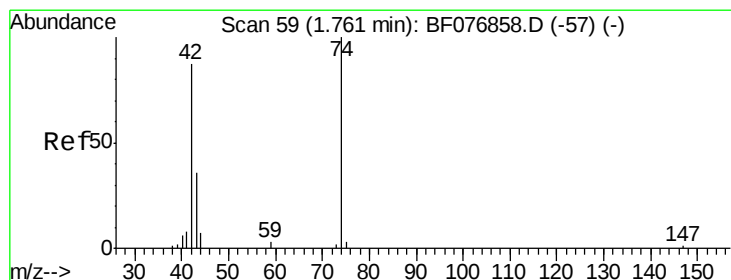
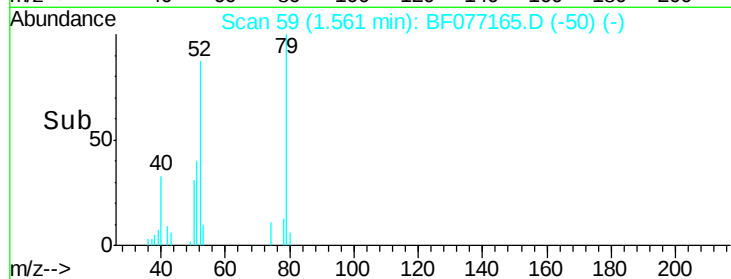
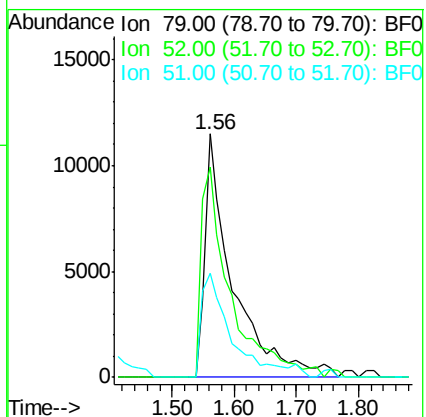
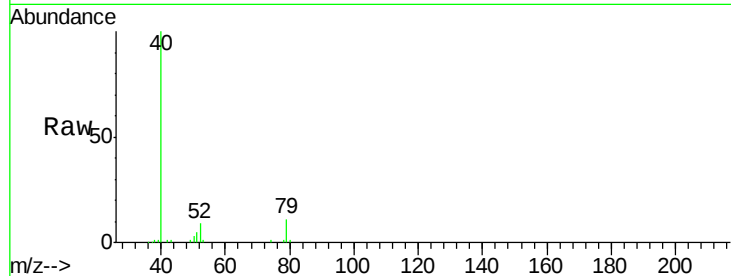
Tot Ion: 79 Resp: 35646

Ion Ratio Lower Upper

79 100

52 86.6 70.1 105.1

51 42.7 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 26.53 ng

RT: 1.52 min Scan# 55

Delta R.T. -0.00 min

Lab File: BF077165.D

Acq: 3 Feb 2015 17:09

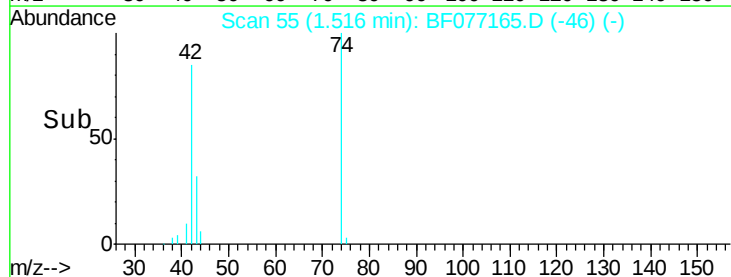
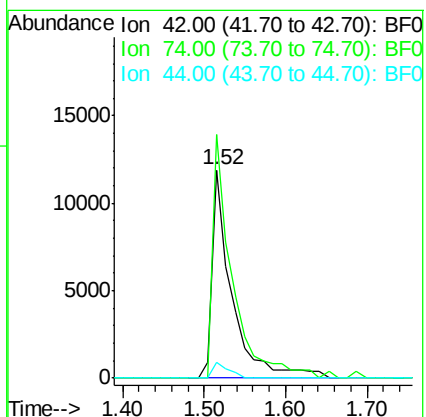
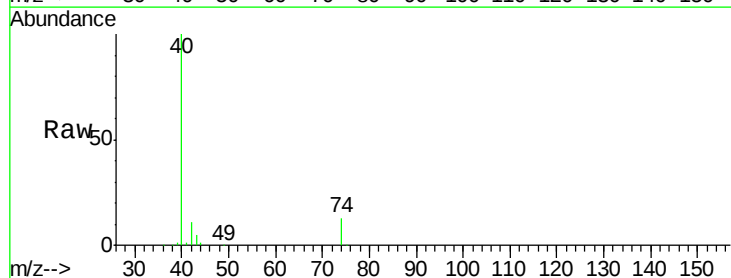
Tgt Ion: 42 Resp: 20114

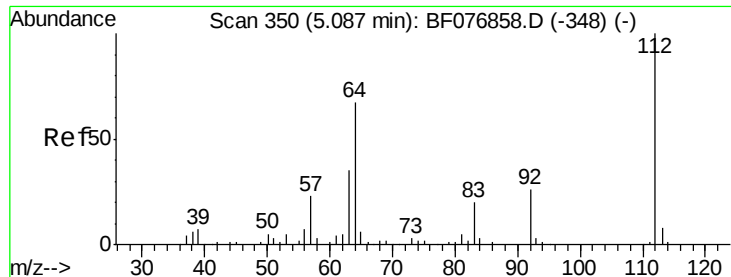
Ion Ratio Lower Upper

42 100

74 117.1 92.4 138.6

44 7.4 6.2 9.2





#5

2-Fluorophenol

Concen: 97.68 ng

RT: 4.69 min Scan# 333

Delta R.T. -0.00 min

Lab File: BF077165.D

Acq: 3 Feb 2015 17:09

Instrument :

BNA_F

ClientSampleId :

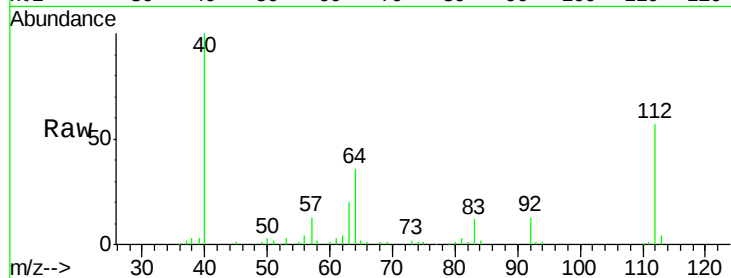
Tot Ion:112 Resp: 134934

Ion Ratio Lower Upper

112 100

64 63.9 54.2 81.4

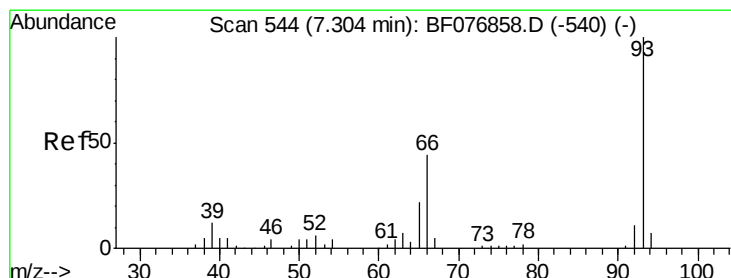
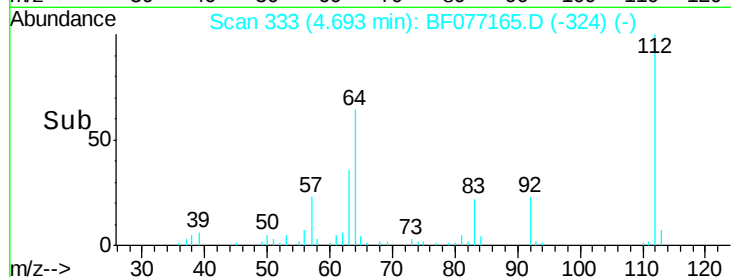
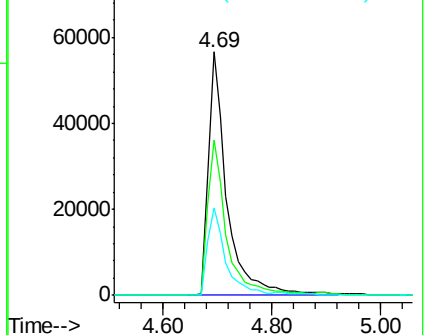
63 36.0 28.4 42.6



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: 25.24 ng

RT: 6.97 min Scan# 532

Delta R.T. -0.00 min

Lab File: BF077165.D

Acq: 3 Feb 2015 17:09

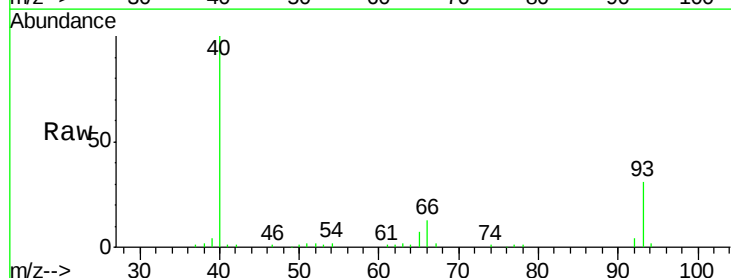
Tgt Ion: 93 Resp: 60861

Ion Ratio Lower Upper

93 100

66 42.0 35.0 52.4

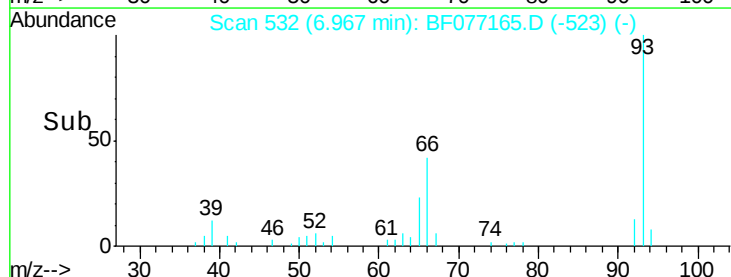
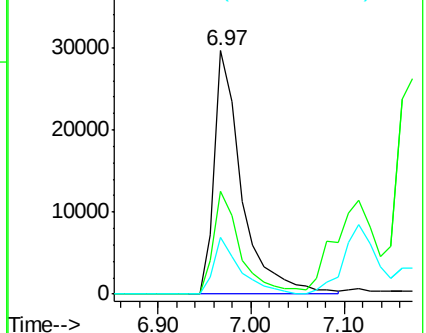
65 23.4 17.7 26.5



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: 98.87 ng

RT: 7.08 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF077165.D

Acq: 3 Feb 2015 17:09

Instrument :

BNA_F

ClientSampled :

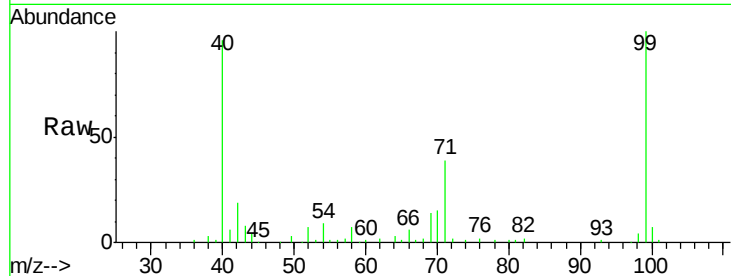
Tot Ion: 99 Resp: 172306

Ion Ratio Lower Upper

99 100

42 18.8 15.0 22.4

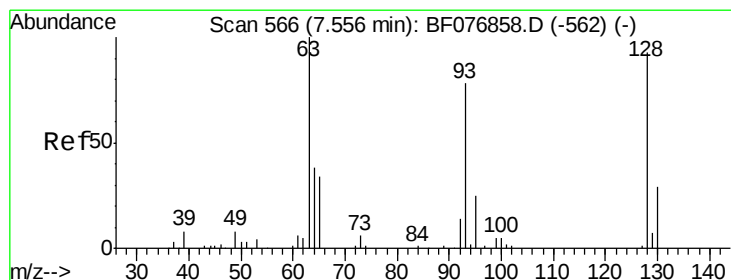
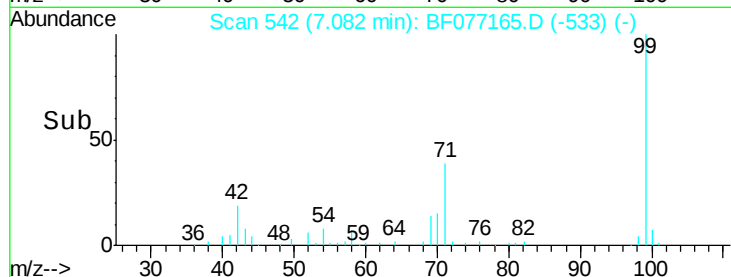
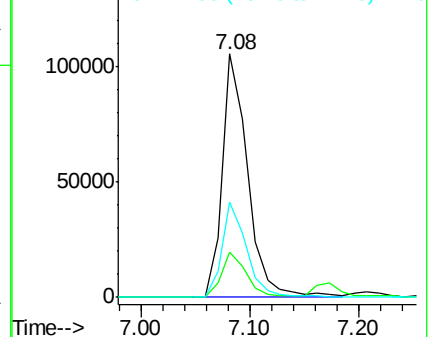
71 39.1 30.5 45.7



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: 32.29 ng

RT: 7.21 min Scan# 553

Delta R.T. -0.00 min

Lab File: BF077165.D

Acq: 3 Feb 2015 17:09

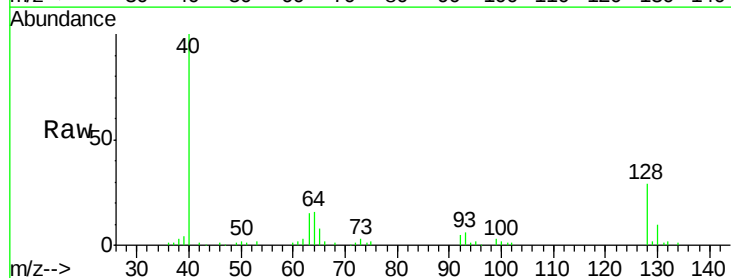
Tgt Ion:128 Resp: 51426

Ion Ratio Lower Upper

128 100

130 33.4 11.0 51.0

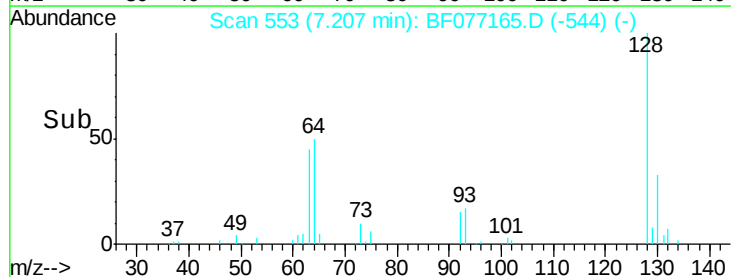
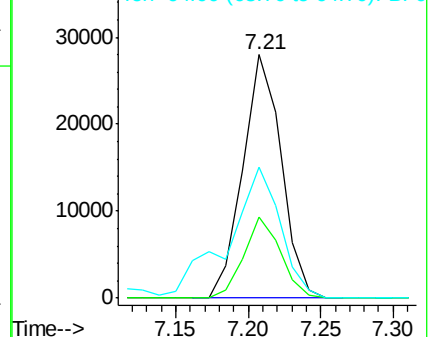
64 53.9 29.3 69.3

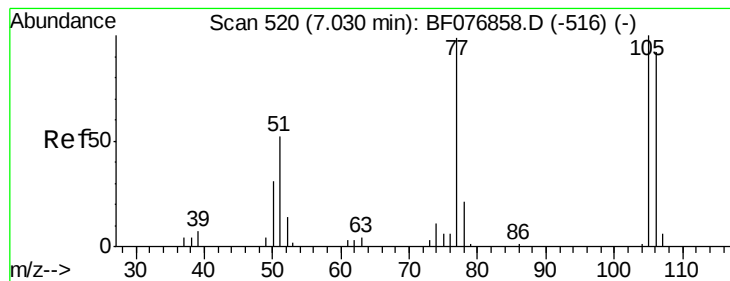


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 3.61 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.01 min

Lab File: BF077165.D

Acq: 3 Feb 2015 17:09

Instrument :

BNA_F

ClientSampled :

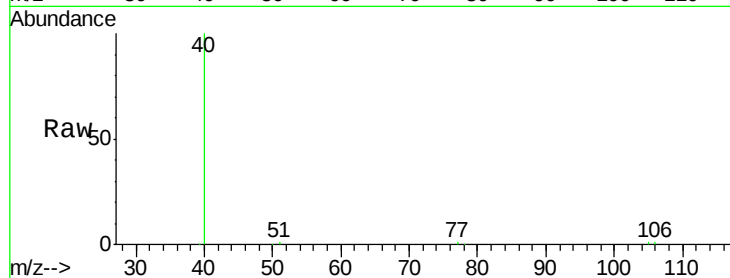
Tot Ion: 77 Resp: 4753

Ion Ratio Lower Upper

77 100

105 104.2 81.4 121.4

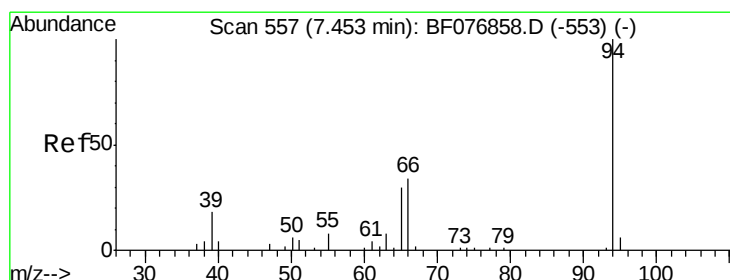
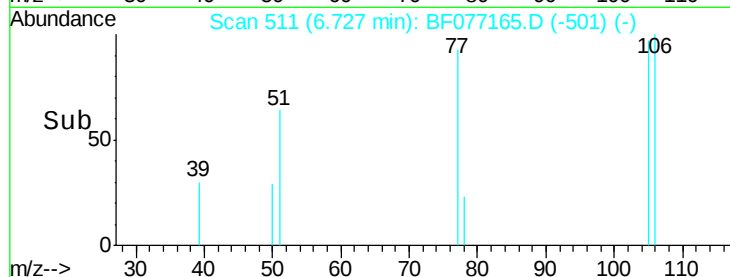
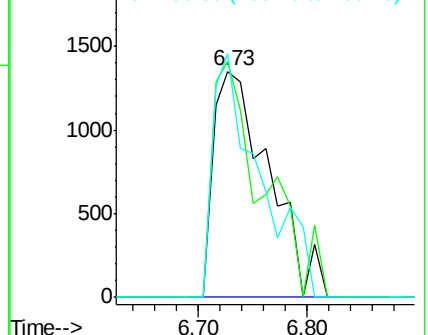
106 107.7 72.8 112.8



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: 32.32 ng

RT: 7.12 min Scan# 545

Delta R.T. -0.00 min

Lab File: BF077165.D

Acq: 3 Feb 2015 17:09

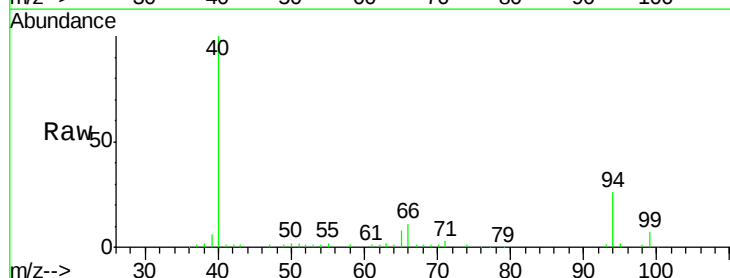
Tgt Ion: 94 Resp: 59811

Ion Ratio Lower Upper

94 100

65 32.1 11.3 51.3

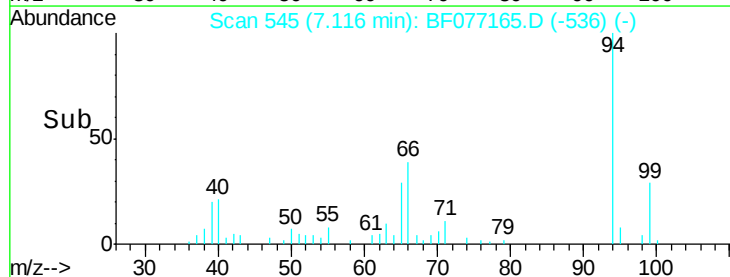
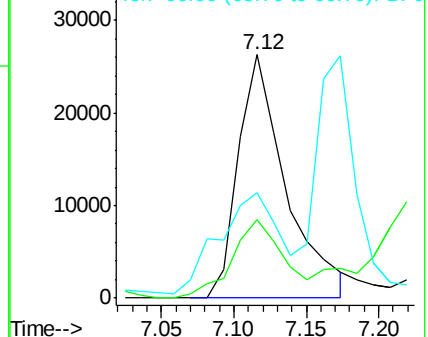
66 43.4 19.5 59.5

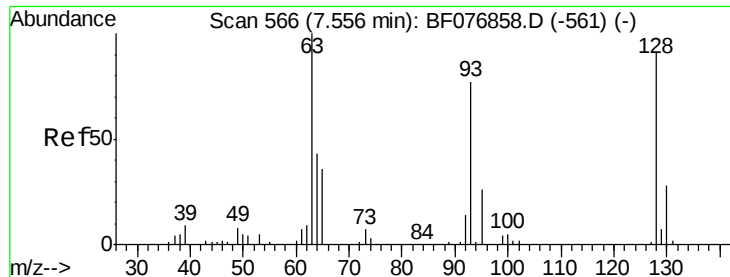


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

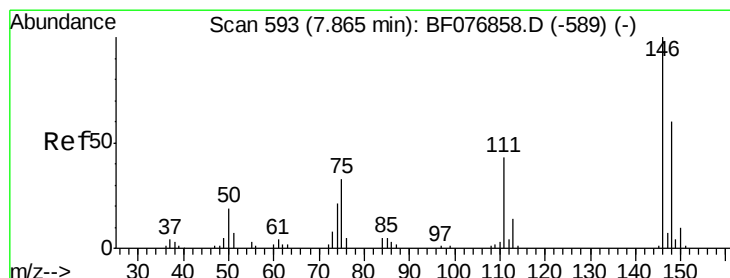
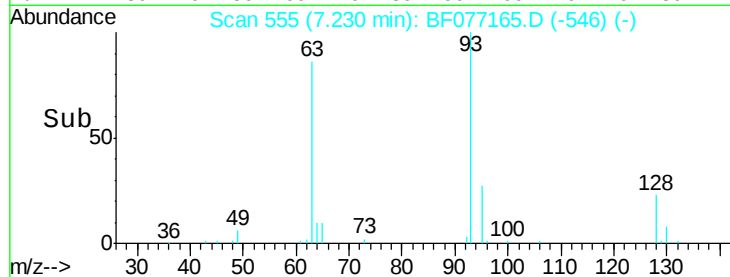
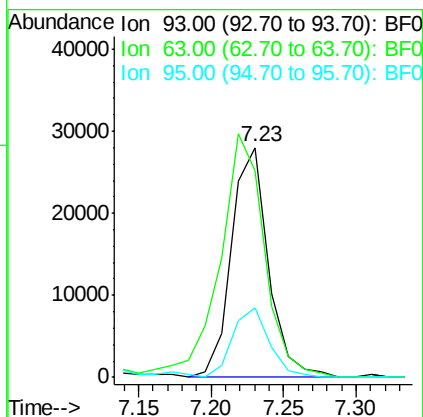
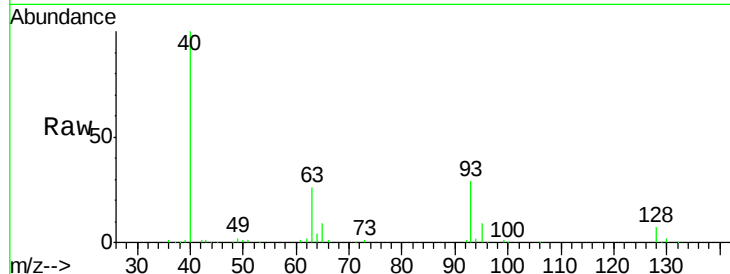




#11
bis(2-Chloroethyl)ether
Concen: 34.25 ng
RT: 7.23 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF077165.D
Acq: 3 Feb 2015 17:09

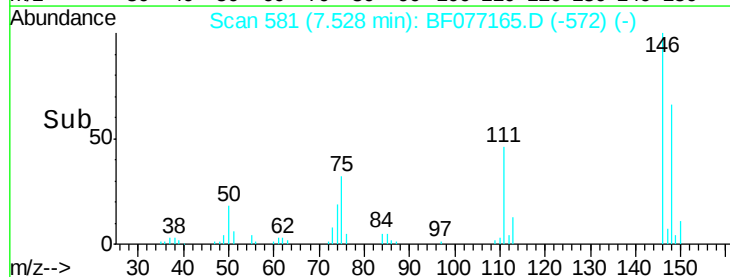
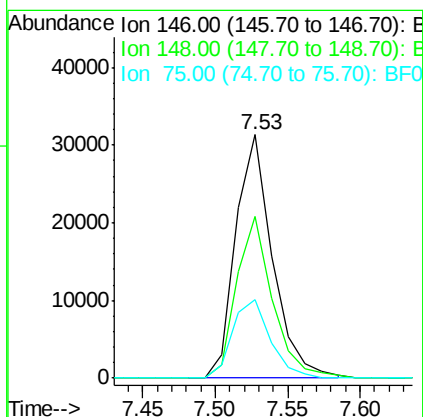
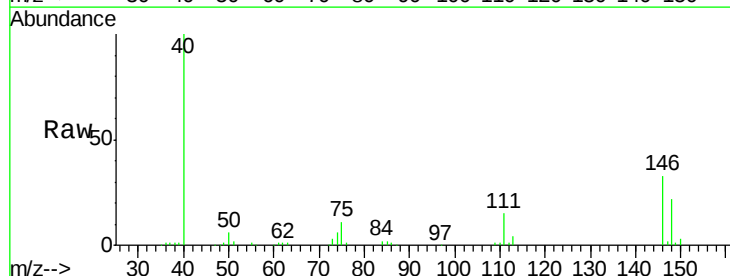
Instrument :
BNA_F
ClientSampleId :

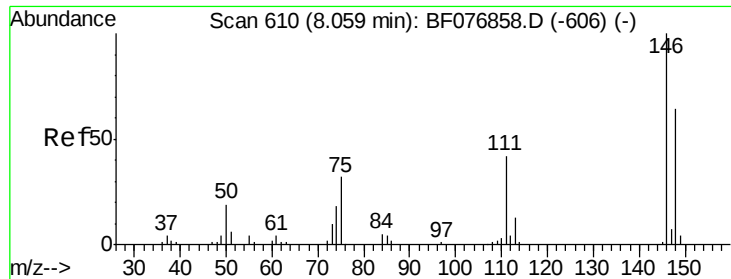
Tot Ion: 93 Resp: 49589
Ion Ratio Lower Upper
93 100
63 89.9 111.3 151.3#
95 30.4 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 30.48 ng
RT: 7.53 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF077165.D
Acq: 3 Feb 2015 17:09

Tgt Ion: 146 Resp: 55233
Ion Ratio Lower Upper
146 100
148 66.5 48.1 72.1
75 32.1 26.8 40.2

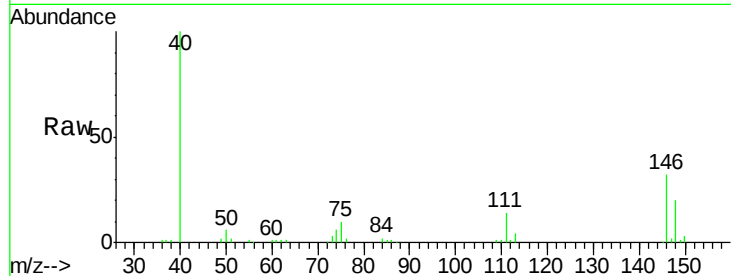




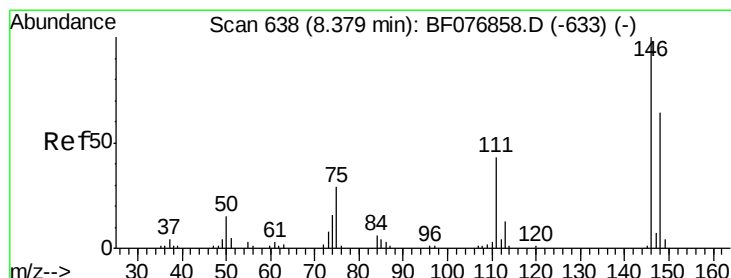
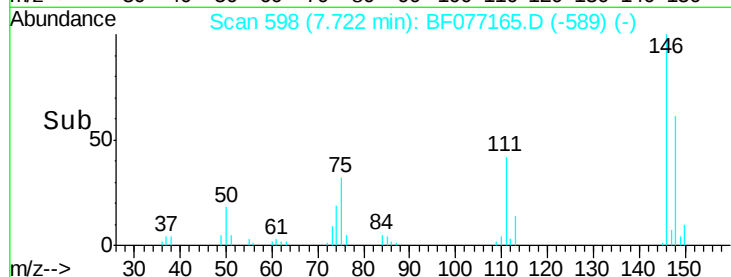
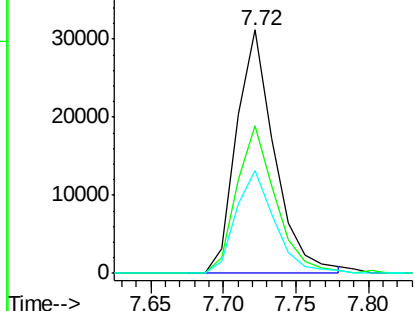
#13
 1,4-Dichlorobenzene
 Concen: 29.53 ng
 RT: 7.72 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF077165.D
 Acq: 3 Feb 2015 17:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 56744
 Ion Ratio Lower Upper
 146 100
 148 60.8 51.5 77.3
 111 42.3 33.9 50.9

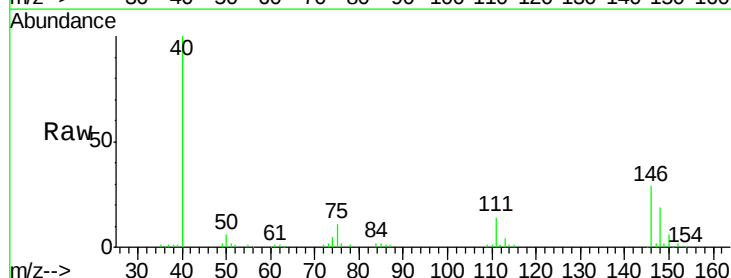


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

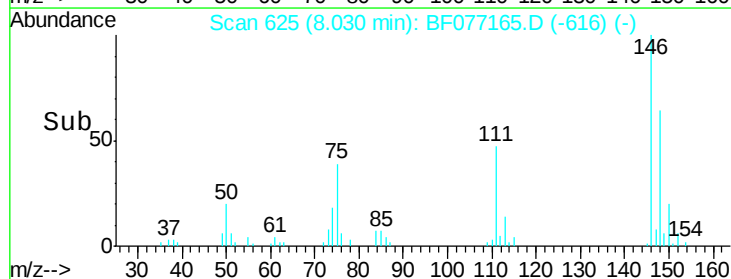
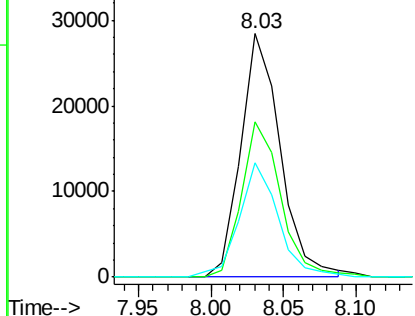


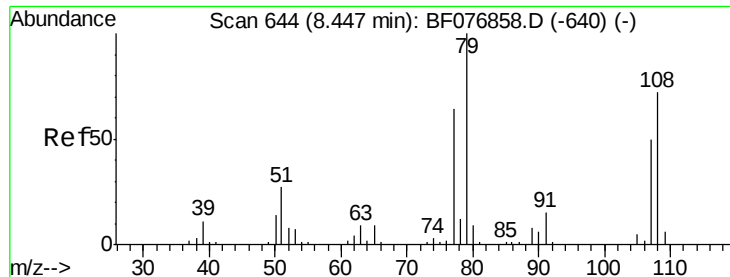
#14
 1,2-Dichlorobenzene
 Concen: 30.34 ng
 RT: 8.03 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF077165.D
 Acq: 3 Feb 2015 17:09

Tgt Ion:146 Resp: 53707
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.3 76.9
 111 46.8 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: 30.37 ng

RT: 8.13 min Scan# 634

Delta R.T. -0.00 min

Lab File: BF077165.D

Acq: 3 Feb 2015 17:09

Instrument :
BNA_F
ClientSampled :

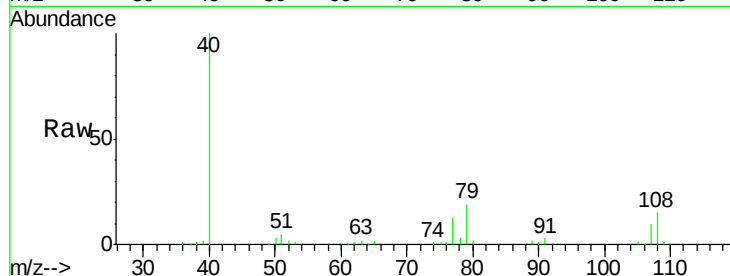
Tot Ion: 79 Resp: 42831

Ion Ratio Lower Upper

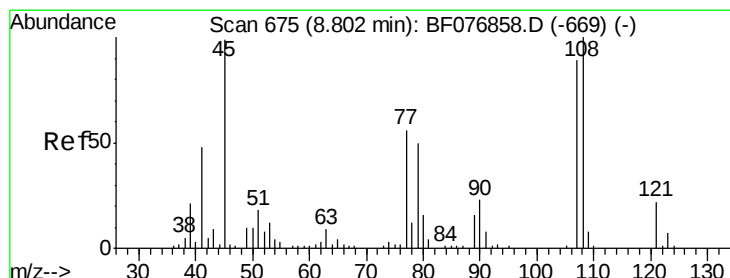
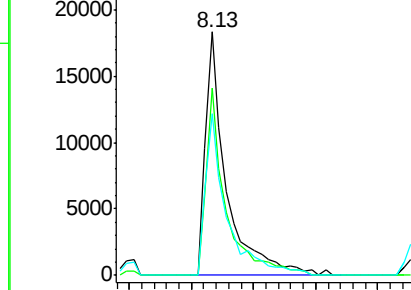
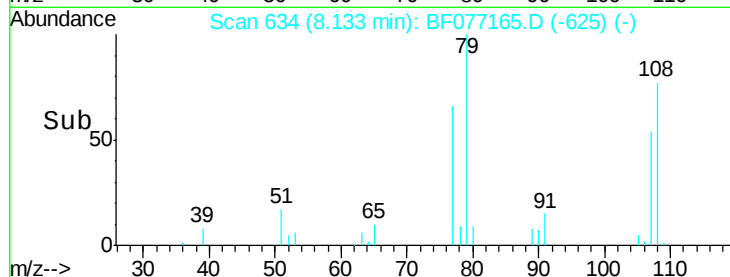
79 100

108 77.2 57.2 85.8

77 66.5 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: 31.18 ng

RT: 8.48 min Scan# 664

Delta R.T. -0.00 min

Lab File: BF077165.D

Acq: 3 Feb 2015 17:09

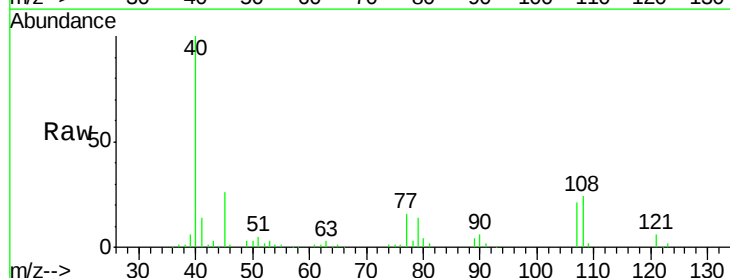
Tgt Ion: 45 Resp: 60678

Ion Ratio Lower Upper

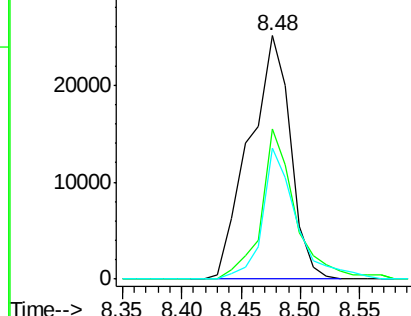
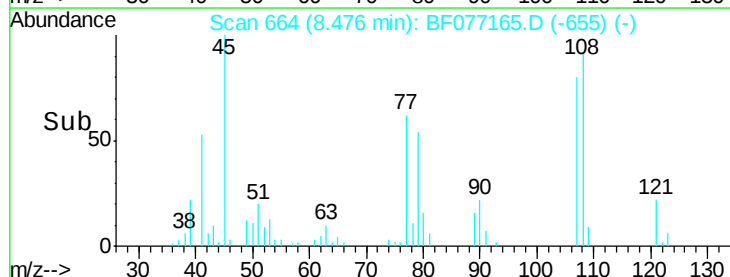
45 100

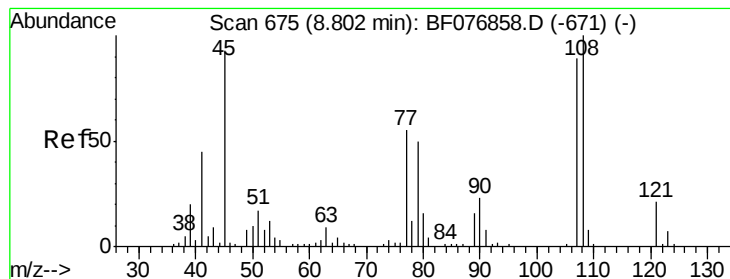
77 61.5 36.1 76.1

79 53.8 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

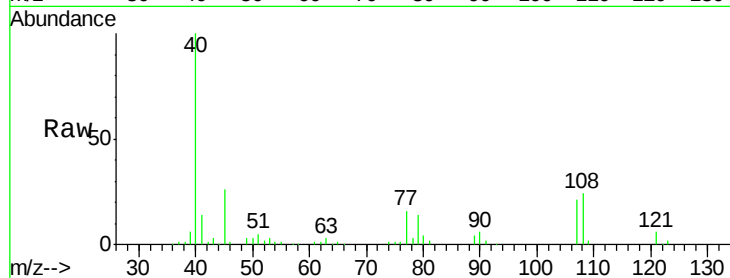




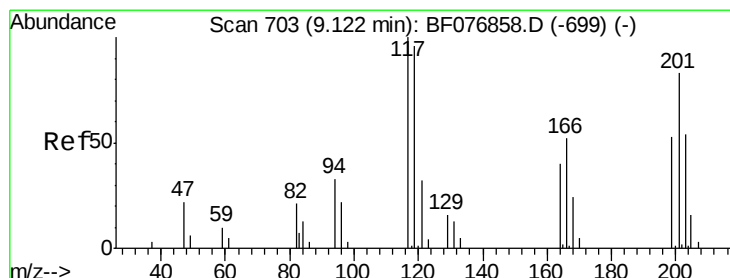
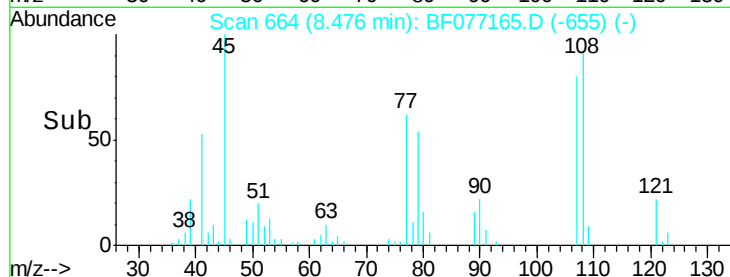
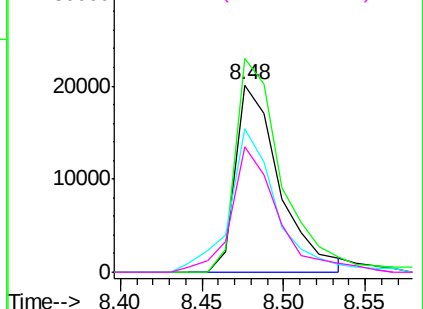
#17
2-Methylphenol
Concen: 28.94 ng
RT: 8.48 min Scan# 664
Delta R.T. -0.00 min
Lab File: BF077165.D
Acq: 3 Feb 2015 17:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 37659
Ion Ratio Lower Upper
107 100
108 113.9 89.7 134.5
77 76.8 50.1 75.1#
79 67.1 45.0 67.6

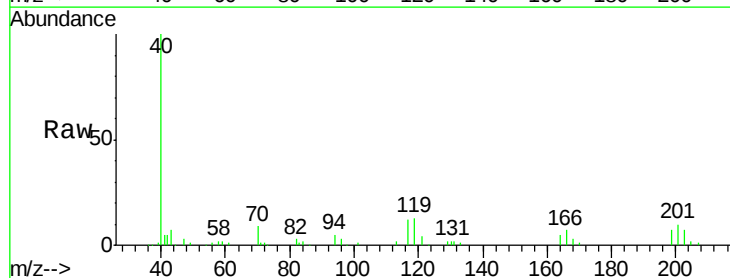


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

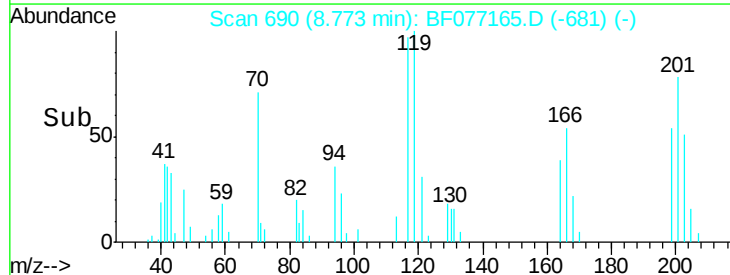
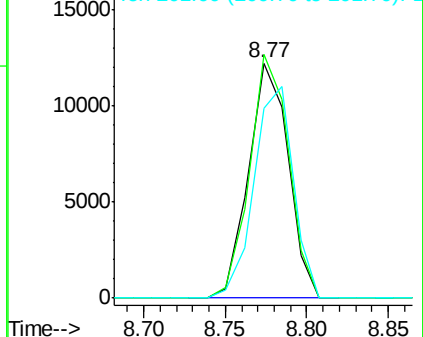


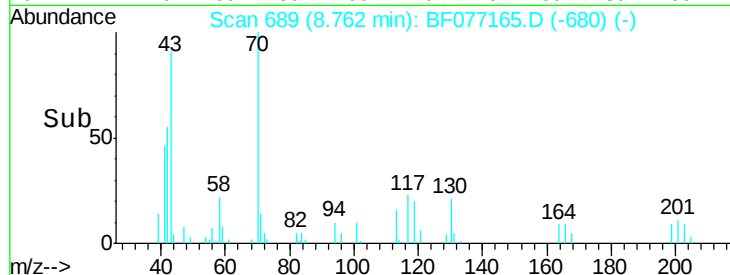
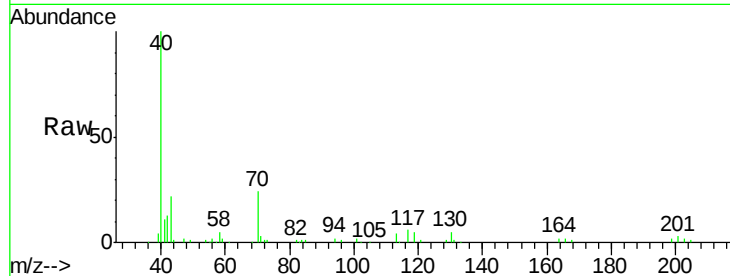
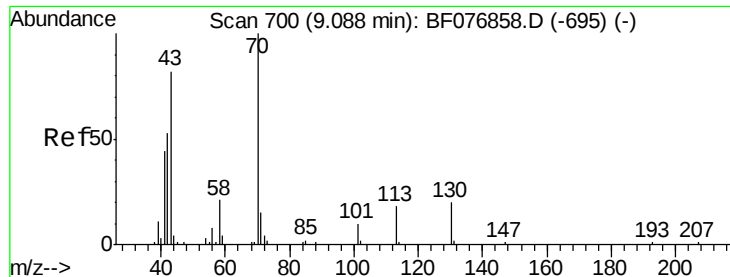
#18
Hexachloroethane
Concen: 30.78 ng
RT: 8.77 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF077165.D
Acq: 3 Feb 2015 17:09

Tgt Ion:117 Resp: 20569
Ion Ratio Lower Upper
117 100
119 103.5 77.1 115.7
201 80.8 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

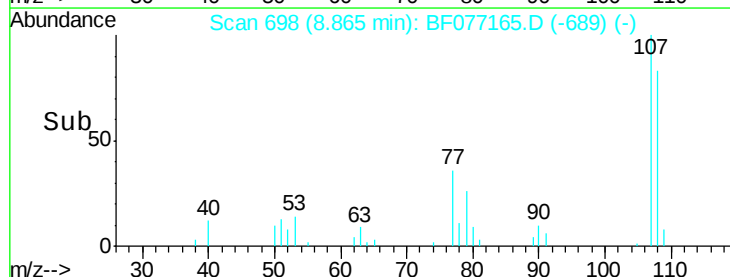
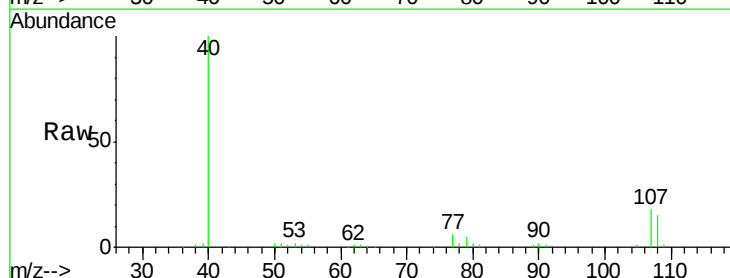
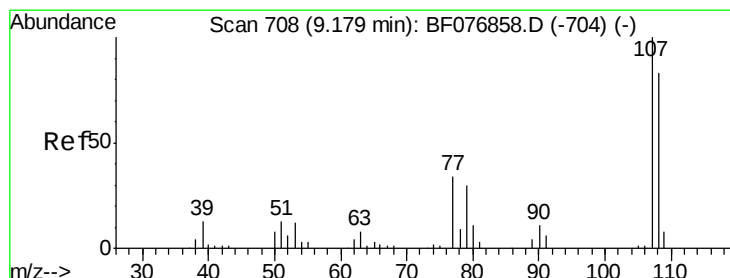
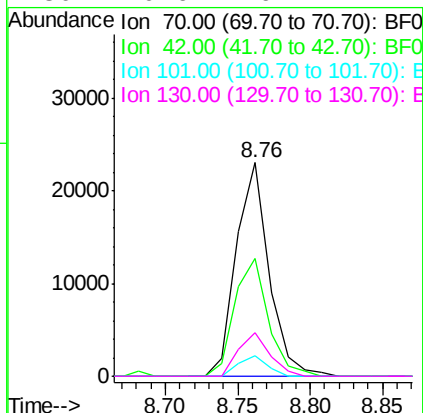




#19
n-Nitroso-di-n-propylamine
Concen: 29.57 ng
RT: 8.76 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF077165.D
Acq: 3 Feb 2015 17:09

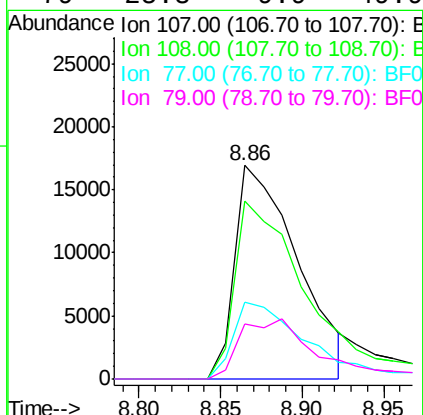
Instrument :
BNA_F
ClientSampleId :

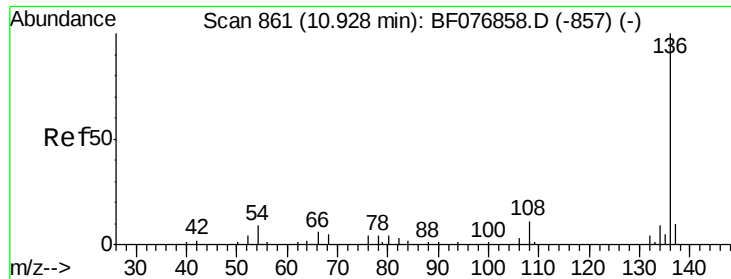
Tot Ion:	70	Resp:	36066
Ion	Ratio	Lower	Upper
70	100		
42	55.0	42.1	63.1
101	9.6	7.8	11.8
130	20.6	16.2	24.4



#20
3+4-Methylphenols
Concen: 26.22 ng
RT: 8.86 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF077165.D
Acq: 3 Feb 2015 17:09

Tgt Ion:	107	Resp:	45192
Ion	Ratio	Lower	Upper
107	100		
108	83.2	63.5	103.5
77	35.8	14.0	54.0
79	25.8	9.9	49.9

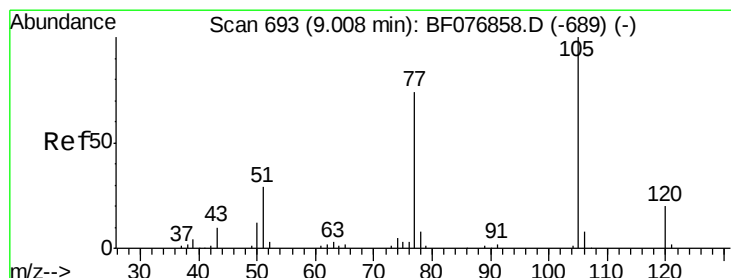
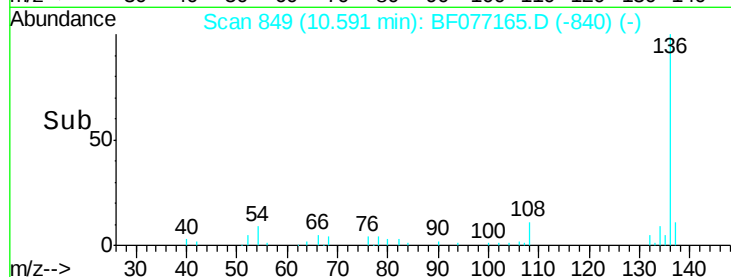
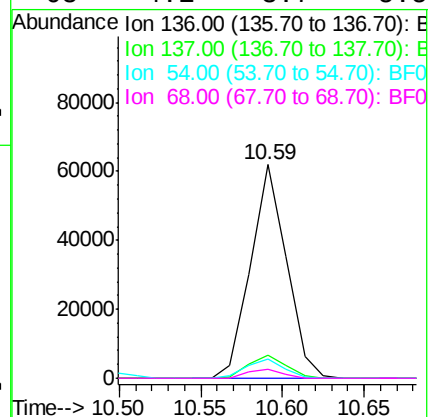
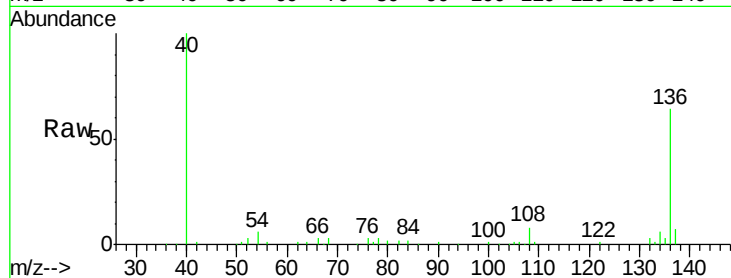




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.59 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF077165.D
Acq: 3 Feb 2015 17:09

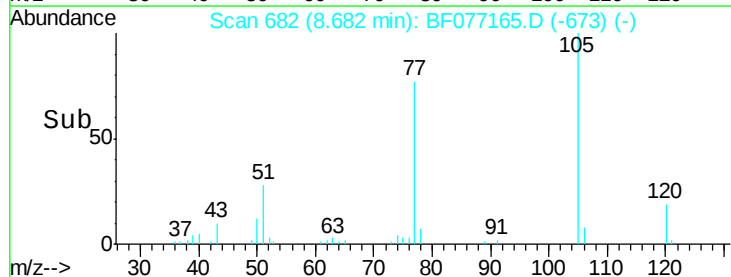
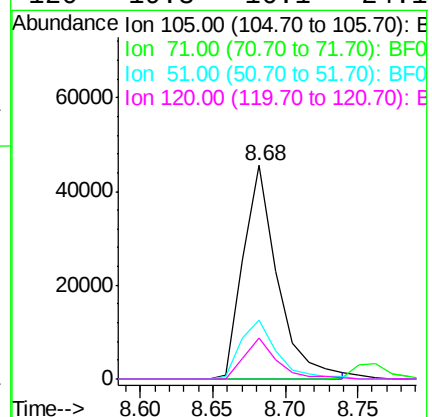
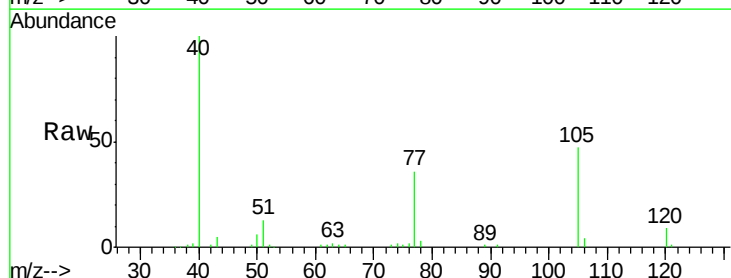
Instrument :
BNA_F
ClientSampleId :

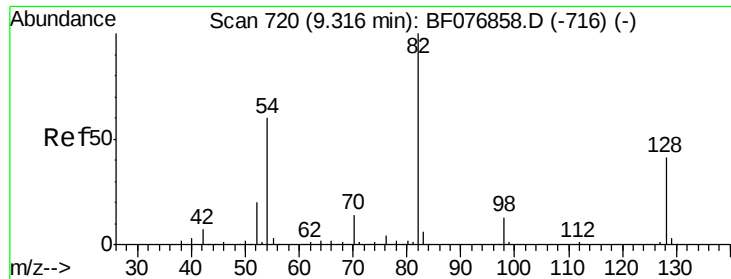
Tot Ion:136 Resp: 94463
Ion Ratio Lower Upper
136 100
137 10.8 8.1 12.1
54 8.7 7.0 10.4
68 4.1 3.7 5.5



#22
Acetophenone
Concen: 32.48 ng
RT: 8.68 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF077165.D
Acq: 3 Feb 2015 17:09

Tgt Ion:105 Resp: 75153
Ion Ratio Lower Upper
105 100
71 0.0 0.0 0.0
51 27.7 23.3 34.9
120 19.3 16.1 24.1

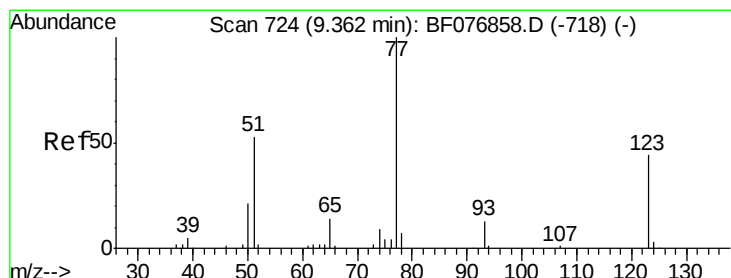
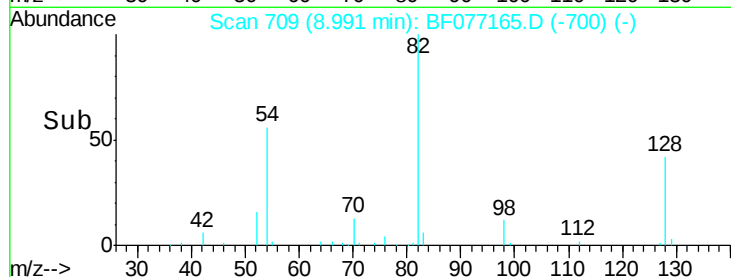
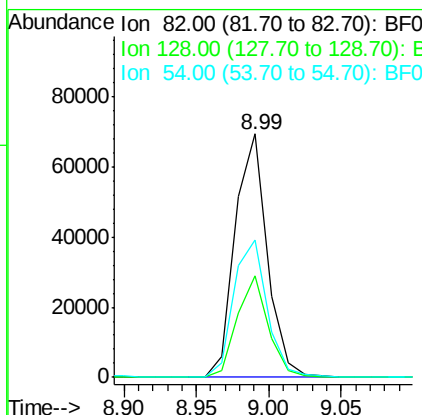
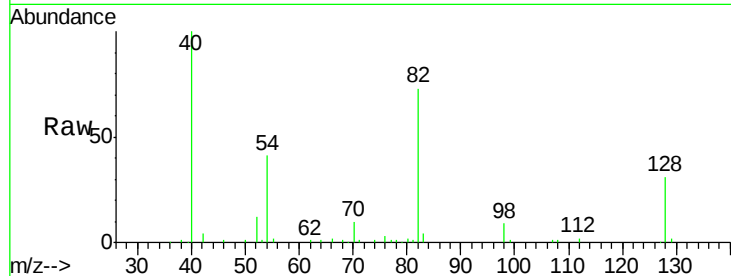




#23
 Nitrobenzene-d5
 Concen: 62.64 ng
 RT: 8.99 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: BF077165.D
 Acq: 3 Feb 2015 17:09

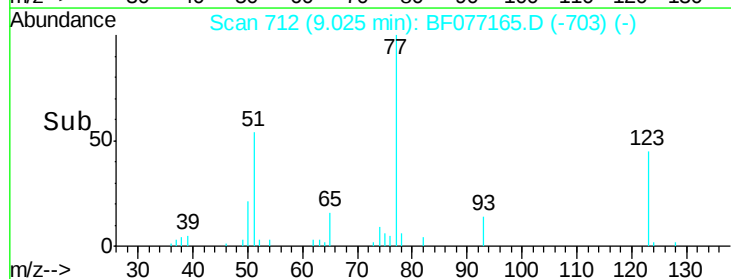
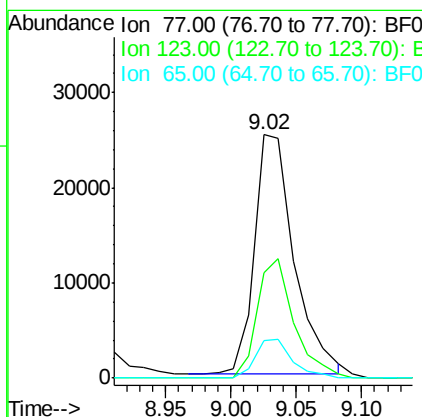
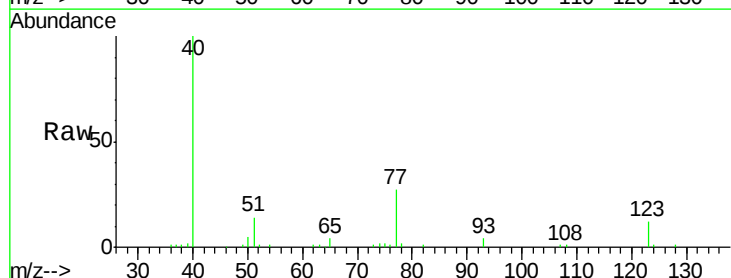
Instrument :
 BNA_F
 ClientSampleId :

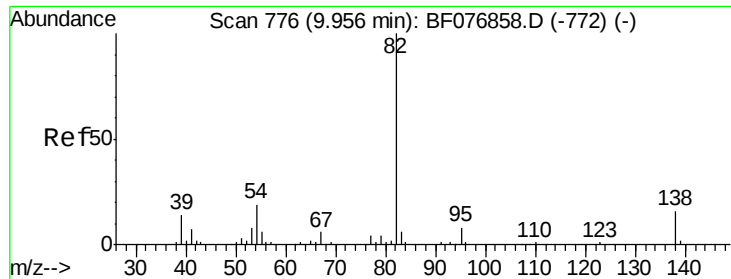
Tot Ion: 82 Resp: 106804
 Ion Ratio Lower Upper
 82 100
 128 41.8 33.1 49.7
 54 56.2 48.3 72.5



#24
 Nitrobenzene
 Concen: 30.71 ng
 RT: 9.02 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: BF077165.D
 Acq: 3 Feb 2015 17:09

Tgt Ion: 77 Resp: 53337
 Ion Ratio Lower Upper
 77 100
 123 43.1 35.2 52.8
 65 15.5 11.4 17.2





#25

Isophorone

Concen: 32.00 ng

RT: 9.63 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF077165.D

Acq: 3 Feb 2015 17:09

Instrument :

BNA_F

ClientSampleId :

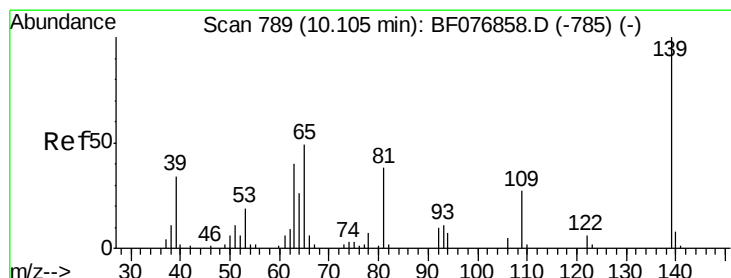
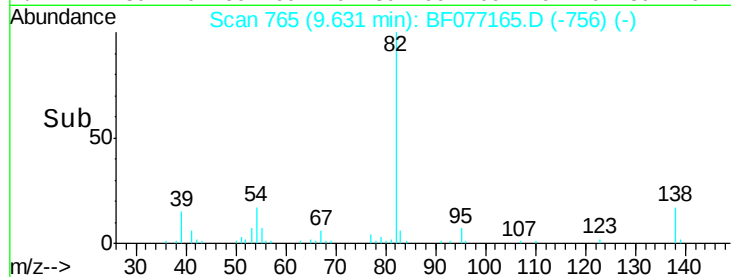
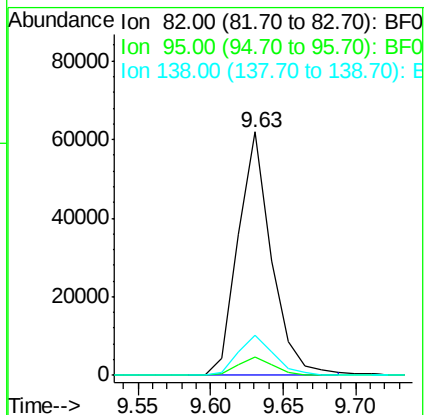
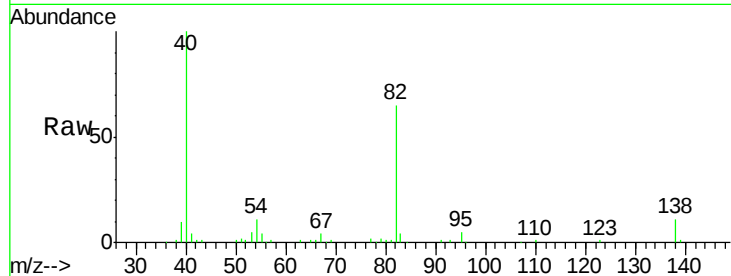
Tot Ion: 82 Resp: 99369

Ion Ratio Lower Upper

82 100

95 7.4 6.6 10.0

138 16.6 12.6 18.8



#26

2-Nitrophenol

Concen: 27.16 ng

RT: 9.78 min Scan# 778

Delta R.T. 0.01 min

Lab File: BF077165.D

Acq: 3 Feb 2015 17:09

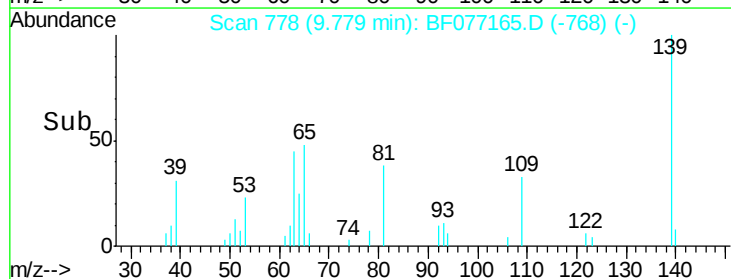
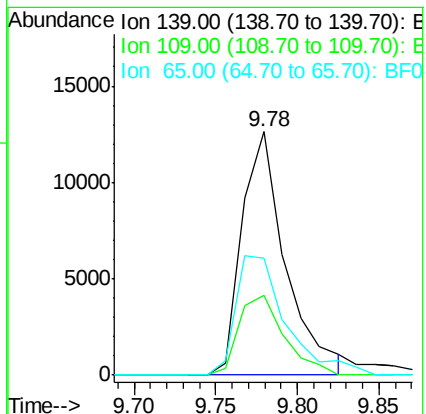
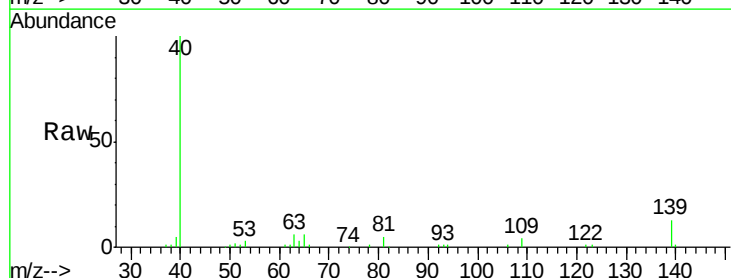
Tgt Ion: 139 Resp: 23448

Ion Ratio Lower Upper

139 100

109 33.0 21.3 31.9#

65 48.2 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 32.43 ng

RT: 10.05 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF077165.D

Acq: 3 Feb 2015 17:09

Instrument :

BNA_F

ClientSampleId :

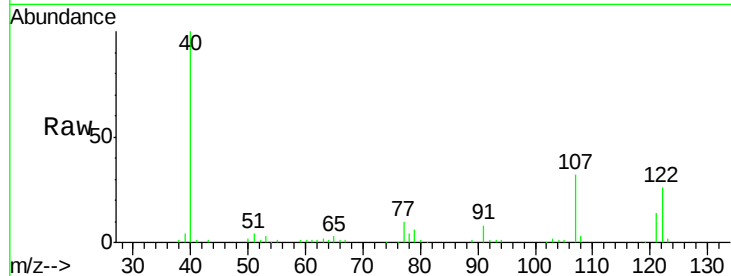
Tot Ion:122 Resp: 43557

Ion Ratio Lower Upper

122 100

107 120.4 95.2 142.8

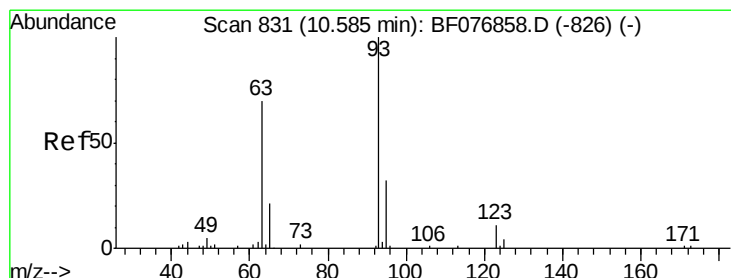
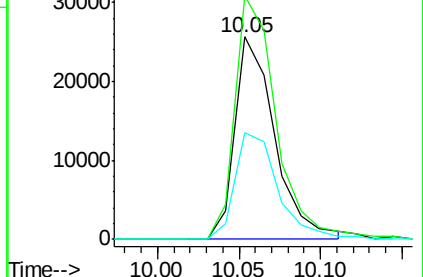
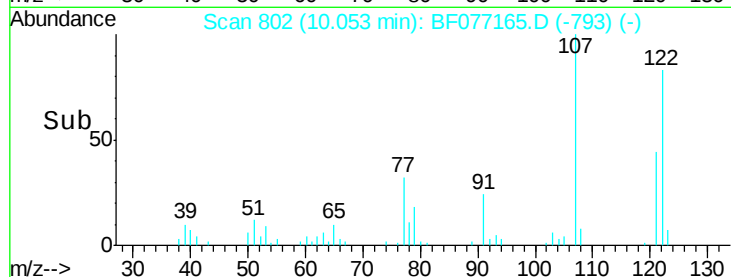
121 52.9 42.9 64.3



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: 33.29 ng

RT: 10.26 min Scan# 820

Delta R.T. -0.00 min

Lab File: BF077165.D

Acq: 3 Feb 2015 17:09

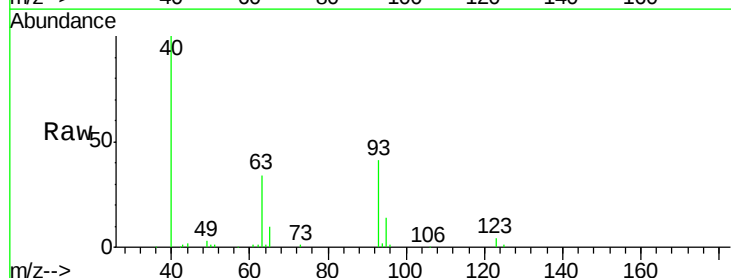
Tgt Ion: 93 Resp: 58748

Ion Ratio Lower Upper

93 100

95 33.1 25.6 38.4

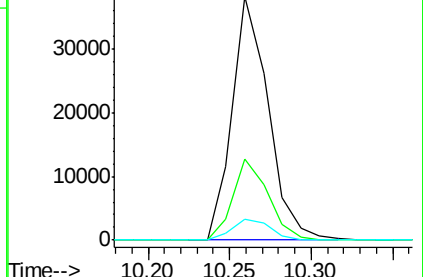
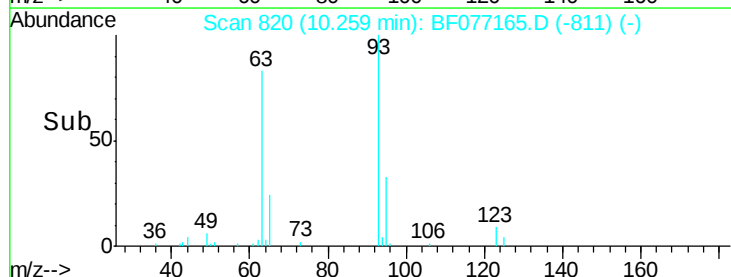
123 8.8 8.9 13.3#

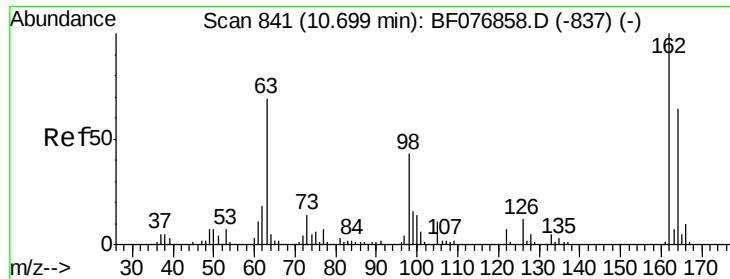


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

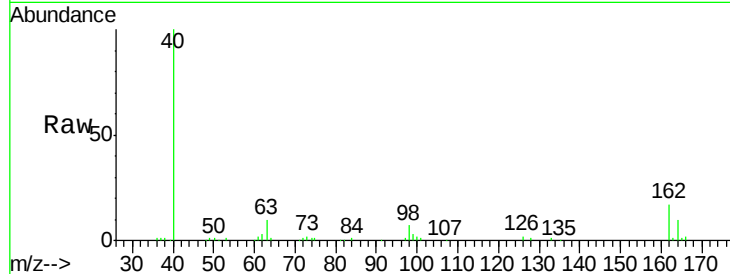




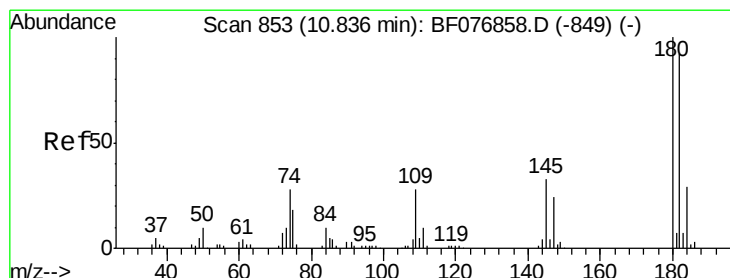
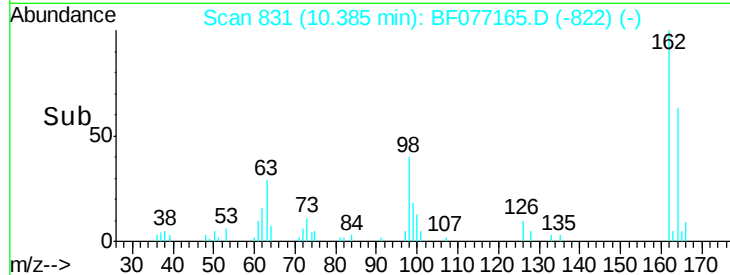
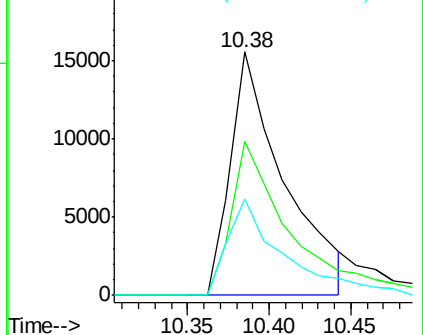
#29
 2,4-Dichlorophenol
 Concen: 28.40 ng
 RT: 10.38 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF077165.D
 Acq: 3 Feb 2015 17:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 35560
 Ion Ratio Lower Upper
 162 100
 164 63.1 43.8 83.8
 98 39.8 22.5 62.5

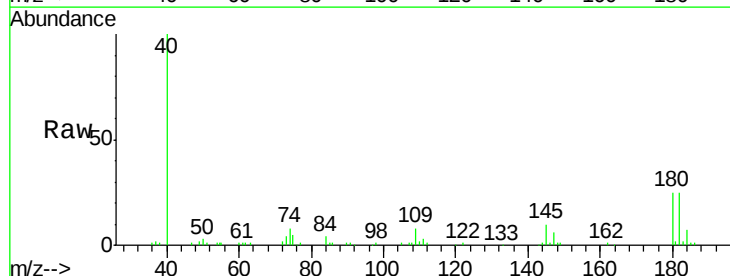


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

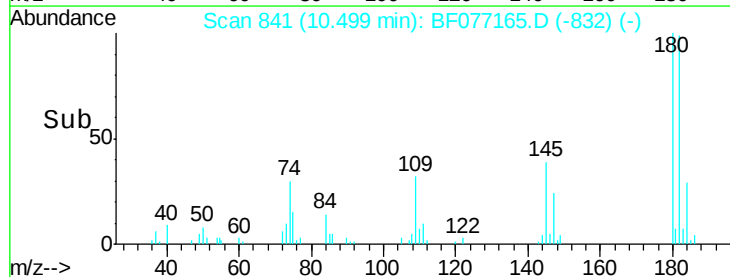
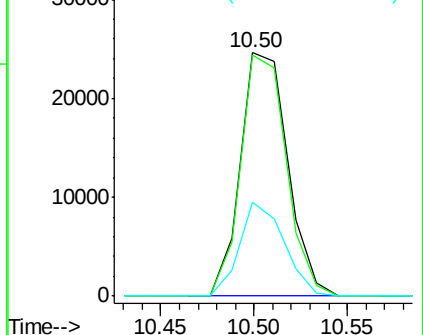


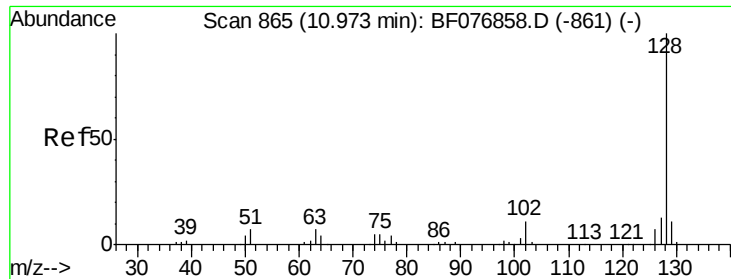
#30
 1,2,4-Trichlorobenzene
 Concen: 31.19 ng
 RT: 10.50 min Scan# 841
 Delta R.T. -0.00 min
 Lab File: BF077165.D
 Acq: 3 Feb 2015 17:09

Tgt Ion:180 Resp: 43375
 Ion Ratio Lower Upper
 180 100
 182 98.8 73.6 110.4
 145 38.6 26.6 39.8



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

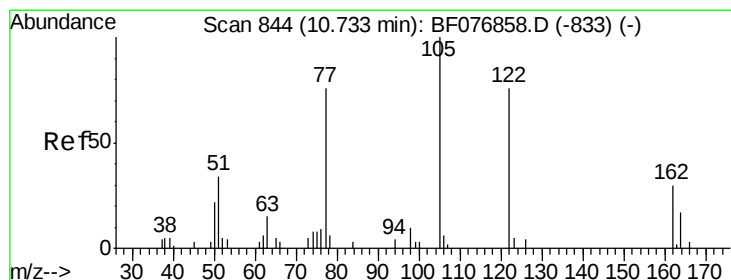
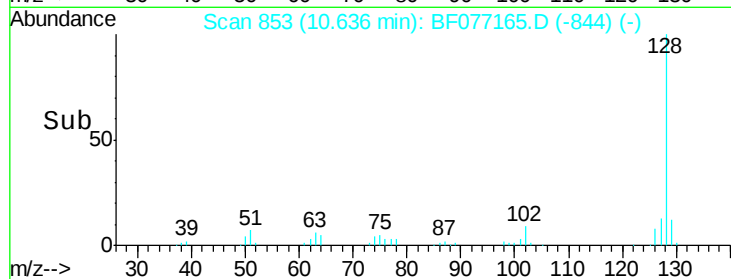
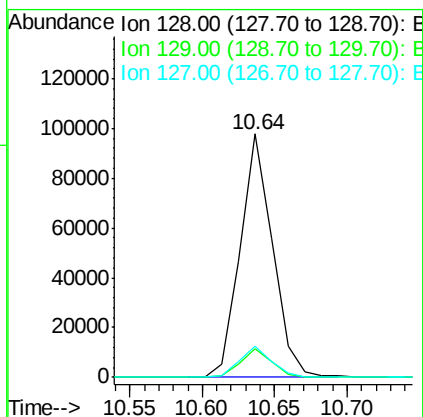
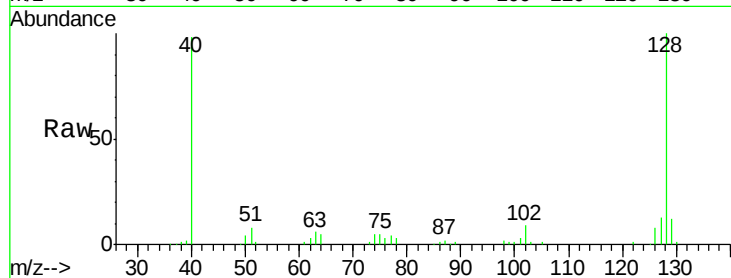




#31
Naphthalene
Concen: 31.19 ng
RT: 10.64 min Scan# 853
Delta R.T. -0.00 min
Lab File: BF077165.D
Acq: 3 Feb 2015 17:09

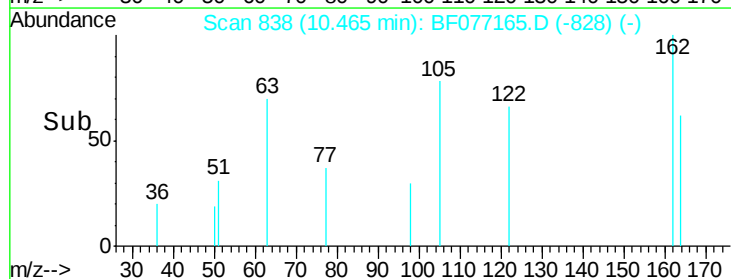
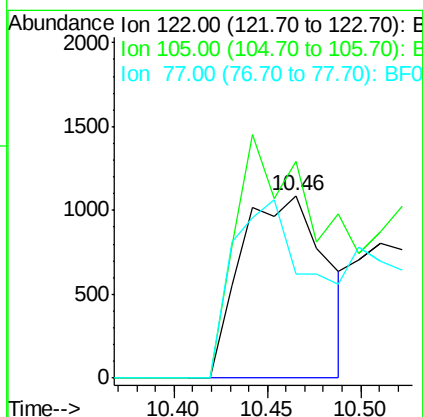
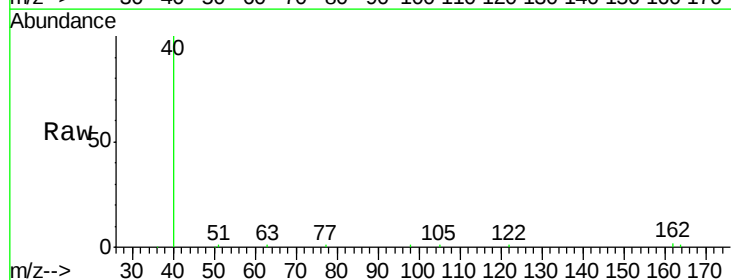
Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 151671
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 12.9 10.2 15.2



#32
Benzoic acid
Concen: 4.64 ng
RT: 10.46 min Scan# 838
Delta R.T. 0.01 min
Lab File: BF077165.D
Acq: 3 Feb 2015 17:09

Tgt Ion:122 Resp: 3453
Ion Ratio Lower Upper
122 100
105 118.8 111.3 151.3
77 56.6 79.2 119.2#

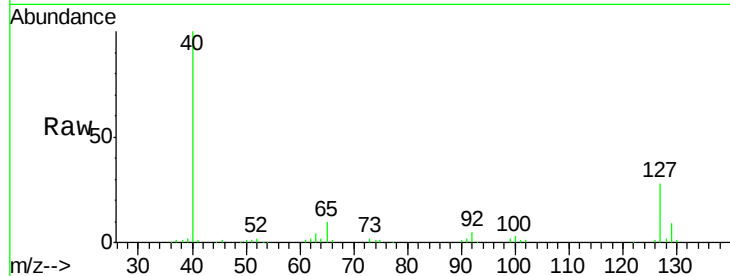




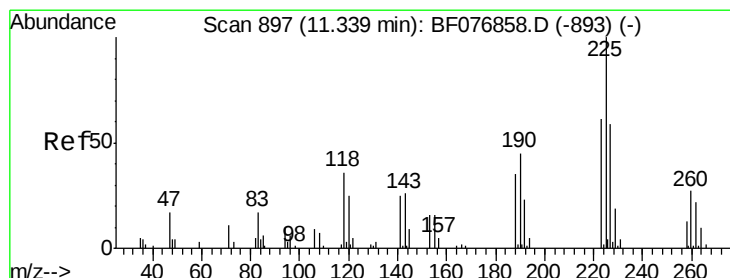
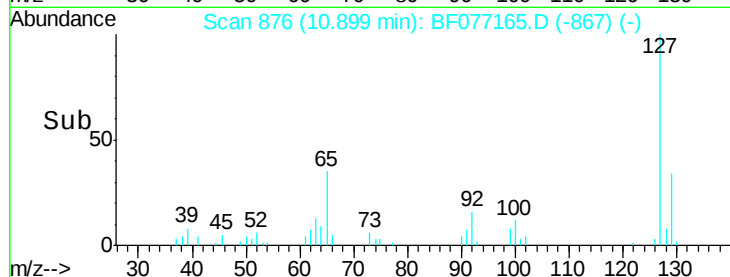
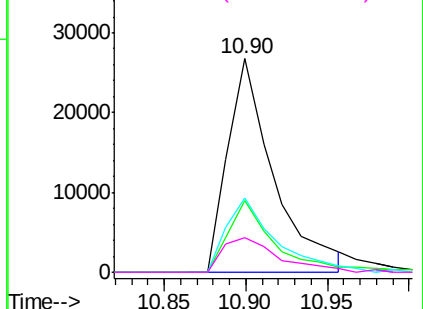
#33
4-Chloroaniline
Concen: 26.55 ng
RT: 10.90 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF077165.D
Acq: 3 Feb 2015 17:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 52181
Ion Ratio Lower Upper
127 100
129 33.7 25.3 37.9
65 35.0 27.8 41.6
92 16.5 16.5 24.7

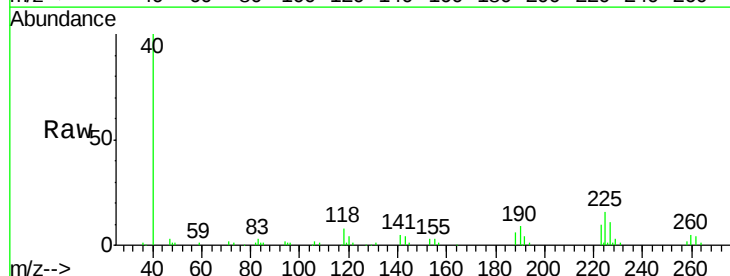


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

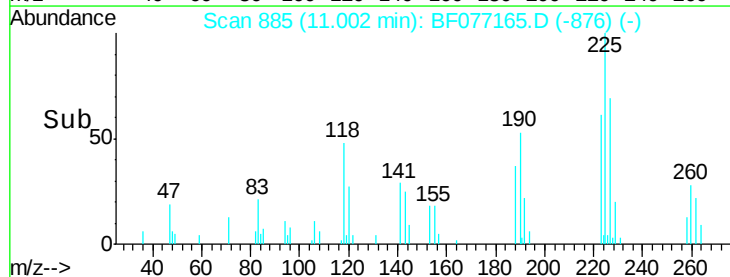
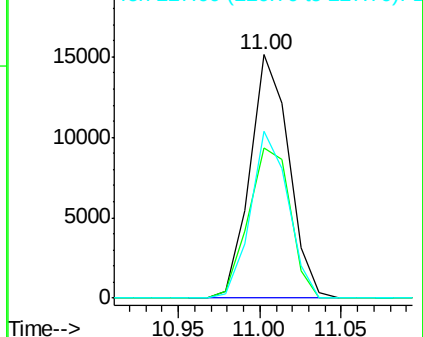


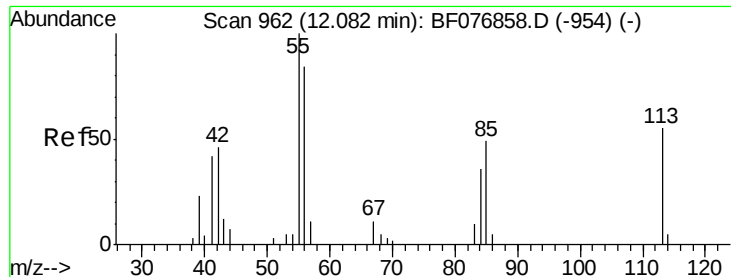
#34
Hexachlorobutadiene
Concen: 30.43 ng
RT: 11.00 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF077165.D
Acq: 3 Feb 2015 17:09

Tgt Ion:225 Resp: 25102
Ion Ratio Lower Upper
225 100
223 61.4 49.1 73.7
227 68.7 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: 26.27 ng

RT: 11.71 min Scan# 947

Delta R.T. -0.02 min

Lab File: BF077165.D

Acq: 3 Feb 2015 17:09

Instrument :

BNA_F

ClientSampled :

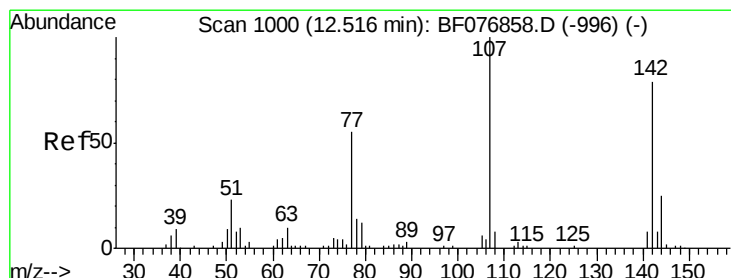
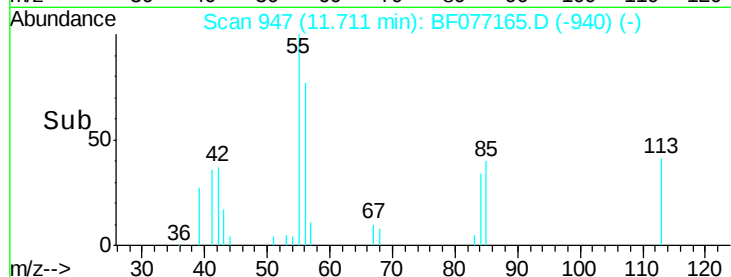
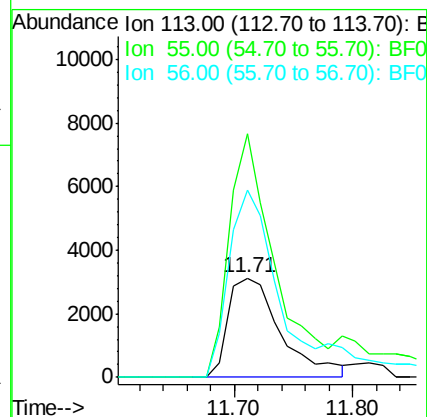
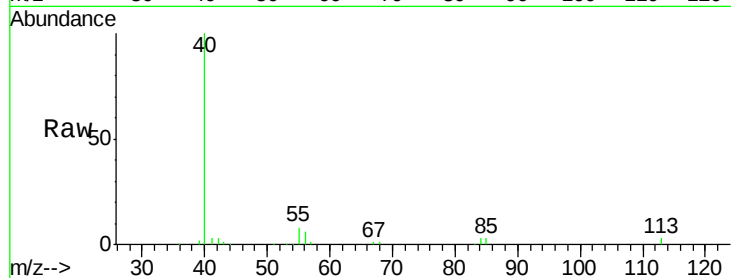
Tot Ion:113 Resp: 9682

Ion Ratio Lower Upper

113 100

55 245.2 162.1 202.1#

56 188.6 133.7 173.7#



#36

4-Chloro-3-methylphenol

Concen: 29.75 ng

RT: 12.20 min Scan# 990

Delta R.T. -0.00 min

Lab File: BF077165.D

Acq: 3 Feb 2015 17:09

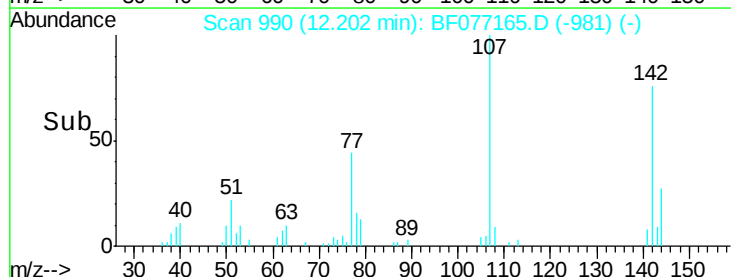
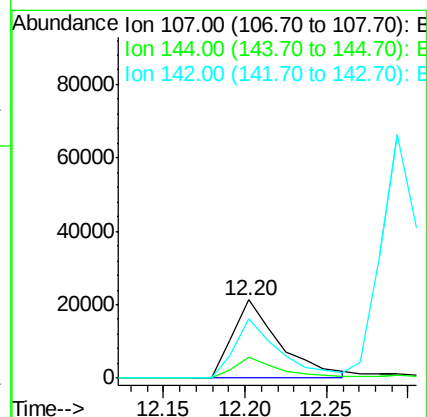
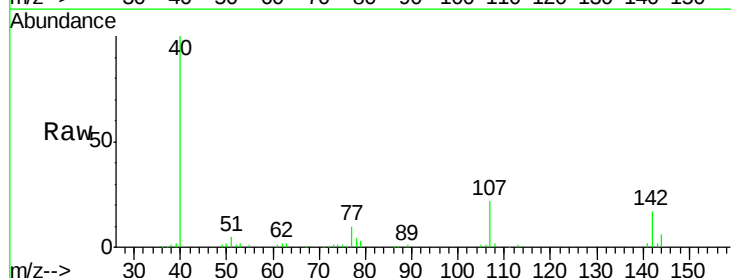
Tgt Ion:107 Resp: 42642

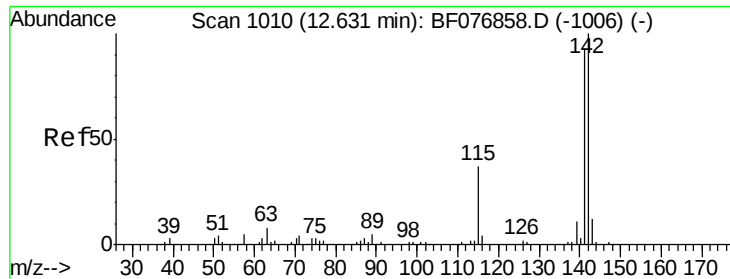
Ion Ratio Lower Upper

107 100

144 26.8 20.0 30.0

142 76.3 63.5 95.3

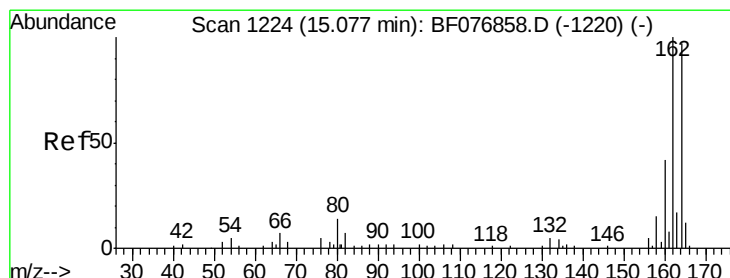
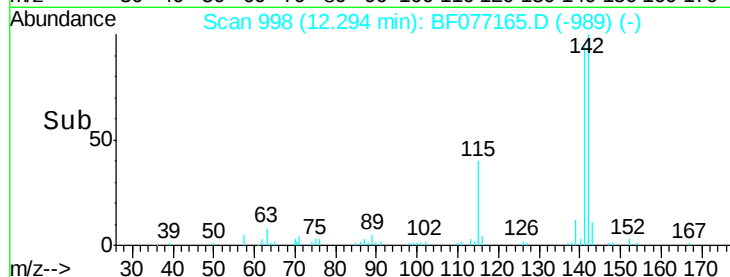
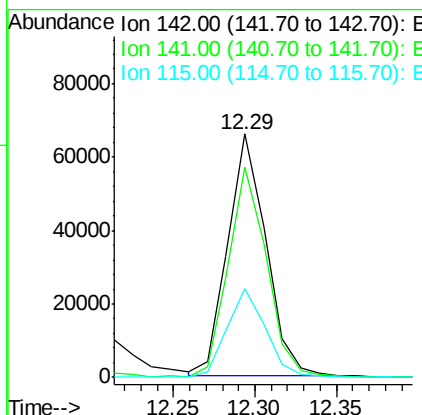
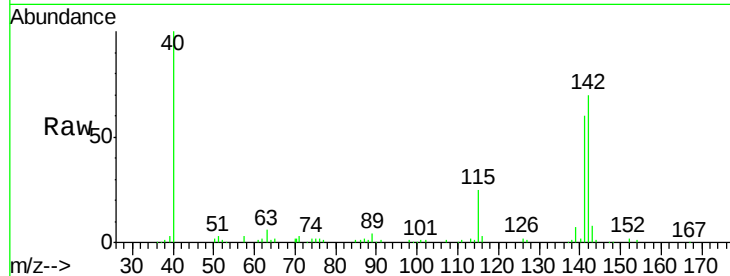




#37
2-Methylnaphthalene
Concen: 32.11 ng
RT: 12.29 min Scan# 998
Delta R.T. -0.00 min
Lab File: BF077165.D
Acq: 3 Feb 2015 17:09

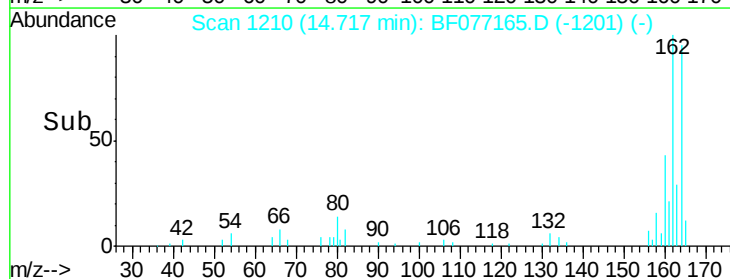
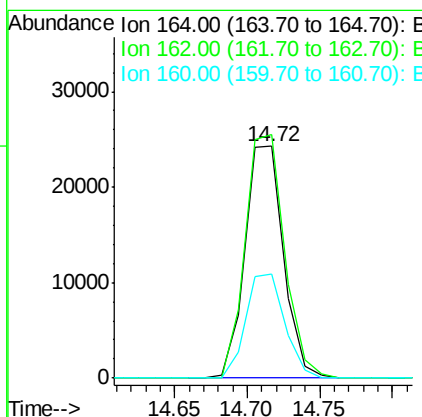
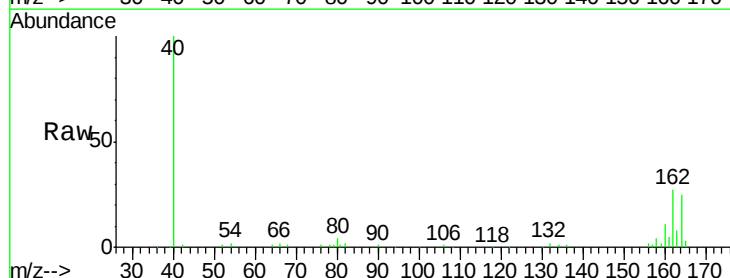
Instrument :
BNA_F
ClientSampleId :

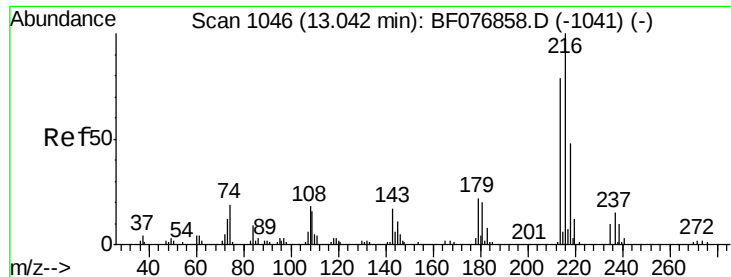
Tot Ion:142 Resp: 106658
Ion Ratio Lower Upper
142 100
141 86.3 74.5 111.7
115 36.5 29.7 44.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.72 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BF077165.D
Acq: 3 Feb 2015 17:09

Tgt Ion:164 Resp: 44846
Ion Ratio Lower Upper
164 100
162 105.0 82.4 123.6
160 45.1 34.8 52.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.90 ng

RT: 12.69 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF077165.D

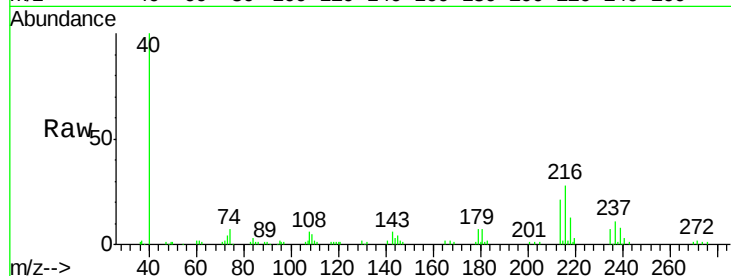
Acq: 3 Feb 2015 17:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	216	Resp:	40916
Ion	Ratio	Lower	Upper
216	100		
214	79.0	64.9	97.3
179	22.7	18.6	28.0
108	25.0	18.1	27.1

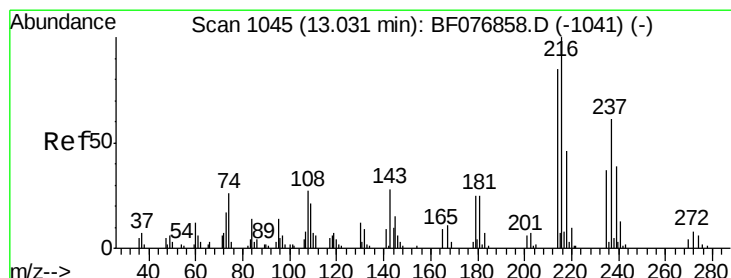
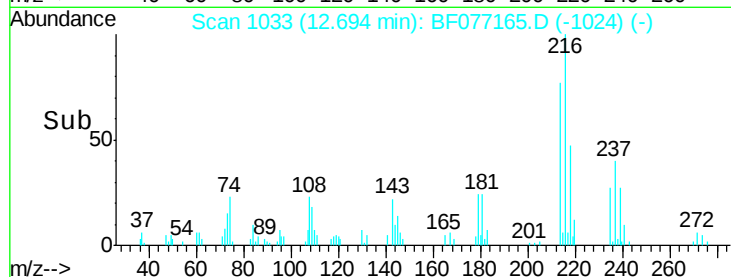
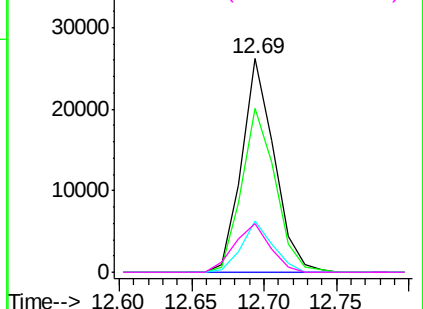


Abundance Ion 216.00 (215.70 to 216.70): E

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: 63.99 ng

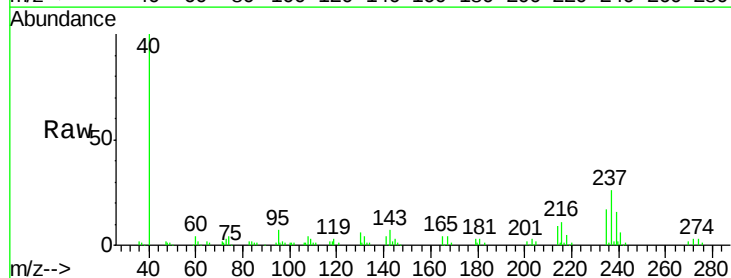
RT: 12.68 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF077165.D

Acq: 3 Feb 2015 17:09

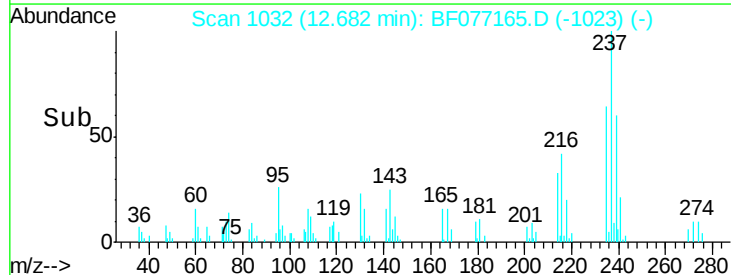
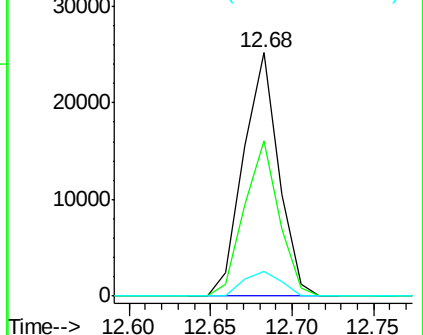
Tgt Ion:	237	Resp:	37614
Ion	Ratio	Lower	Upper
237	100		
235	63.9	40.4	80.4
272	10.3	0.0	33.2



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

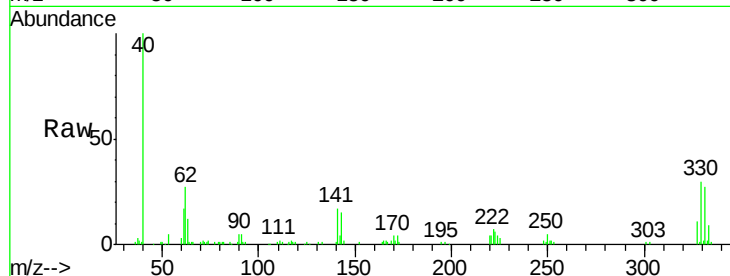




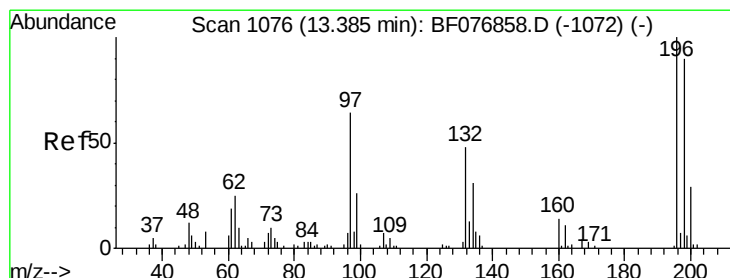
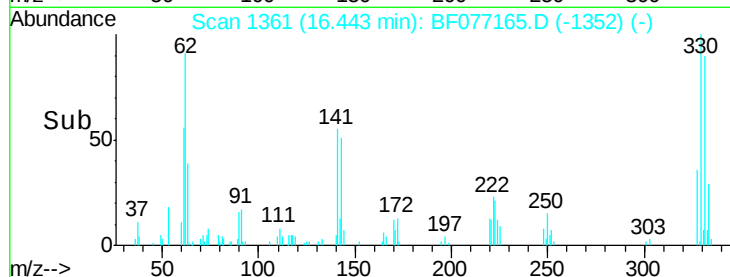
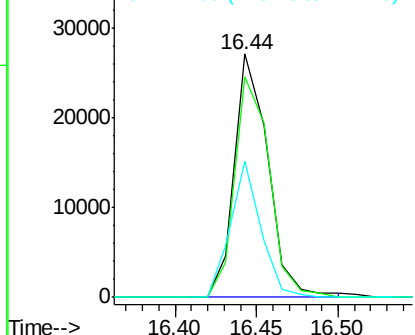
#41
 2,4,6-Tribromophenol
 Concen: 106.31 ng
 RT: 16.44 min Scan# 1361
 Delta R.T. -0.00 min
 Lab File: BF077165.D
 Acq: 3 Feb 2015 17:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.5	77.8	116.6
141	50.8	38.5	57.7

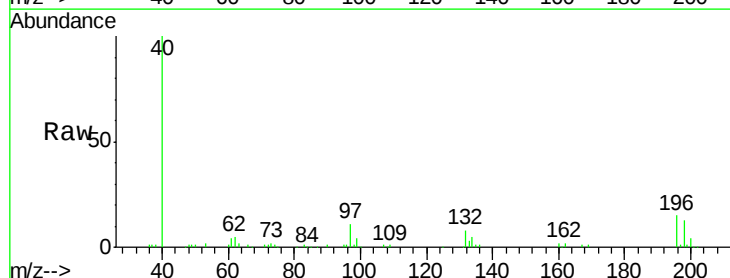


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

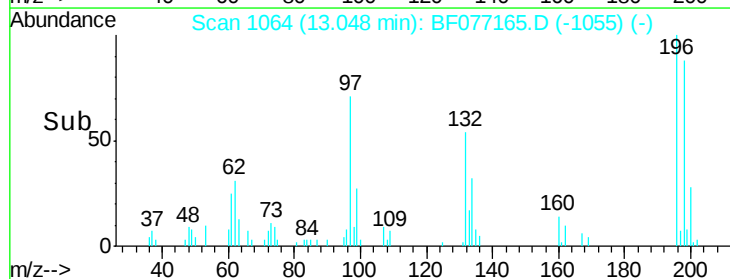
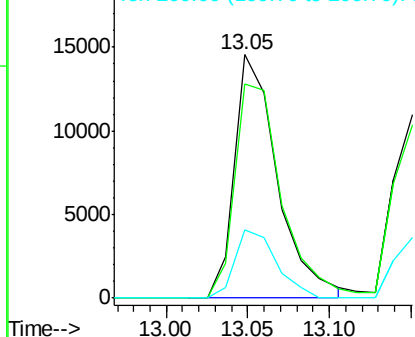


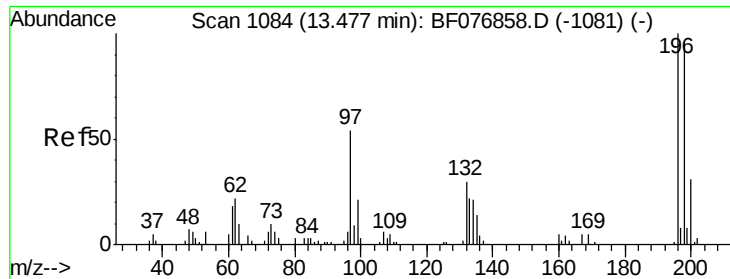
#42
 2,4,6-Trichlorophenol
 Concen: 32.85 ng
 RT: 13.05 min Scan# 1064
 Delta R.T. -0.00 min
 Lab File: BF077165.D
 Acq: 3 Feb 2015 17:09

Tgt Ion	Ratio	Lower	Upper
196	100		
198	87.7	72.0	108.0
200	28.0	23.4	35.2



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

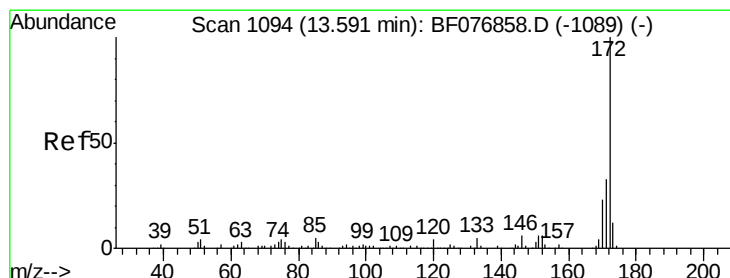
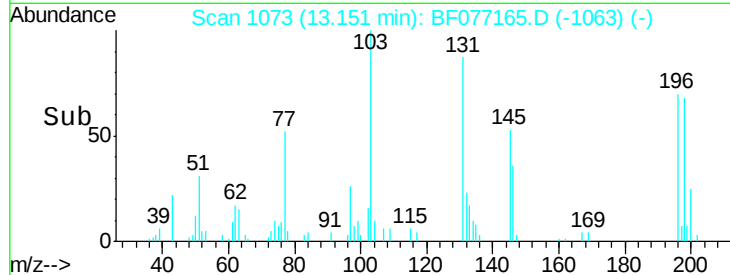
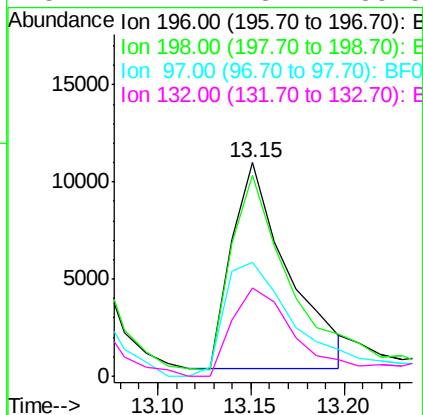
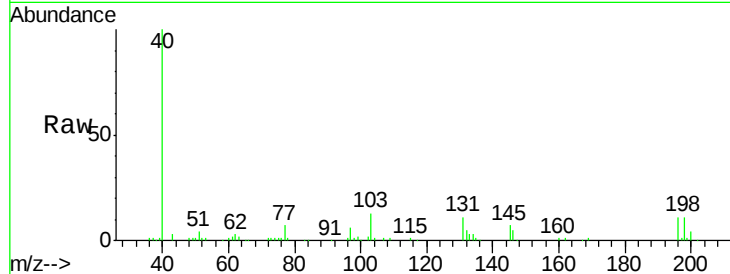




#43
 2,4,5-Trichlorophenol
 Concen: 27.17 ng
 RT: 13.15 min Scan# 1073
 Delta R.T. 0.01 min
 Lab File: BF077165.D
 Acq: 3 Feb 2015 17:09

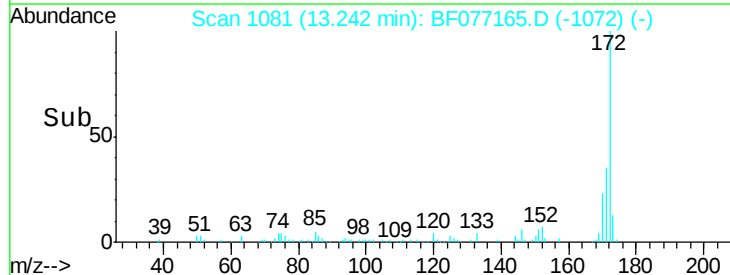
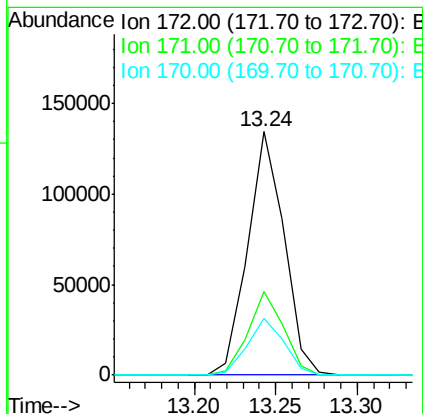
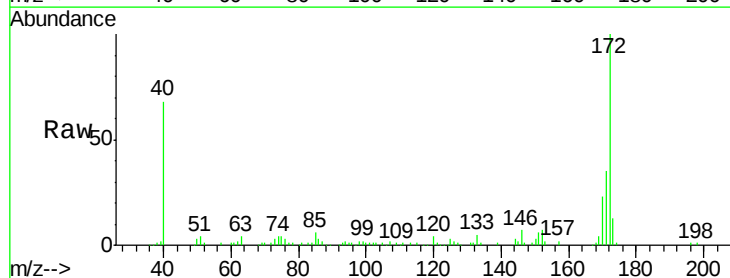
Instrument :
 BNA_F
 ClientSampleId :

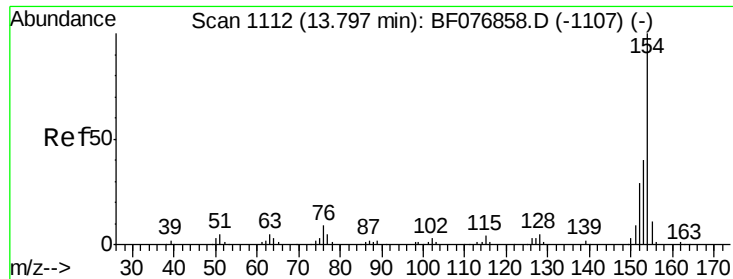
Tot Ion:	196	Resp:	22384
Ion	Ratio	Lower	Upper
196	100		
198	93.9	76.6	115.0
97	53.4	43.4	65.0
132	41.4	23.7	35.5#



#44
 2-Fluorobiphenyl
 Concen: 70.46 ng
 RT: 13.24 min Scan# 1081
 Delta R.T. -0.00 min
 Lab File: BF077165.D
 Acq: 3 Feb 2015 17:09

Tgt Ion:	172	Resp:	207637
Ion	Ratio	Lower	Upper
172	100		
171	34.5	26.6	40.0
170	23.2	18.0	27.0





#45

1,1'-Biphenyl

Concen: 38.36 ng

RT: 13.45 min Scan# 1099

Delta R.T. -0.00 min

Lab File: BF077165.D

Acq: 3 Feb 2015 17:09

Instrument :

BNA_F

ClientSampled :

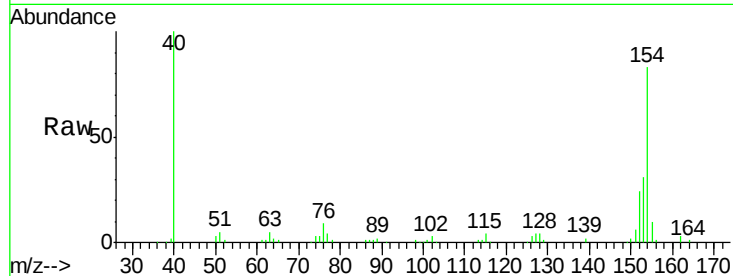
Tot Ion:154 Resp: 127542

Ion Ratio Lower Upper

154 100

153 37.7 20.2 60.2

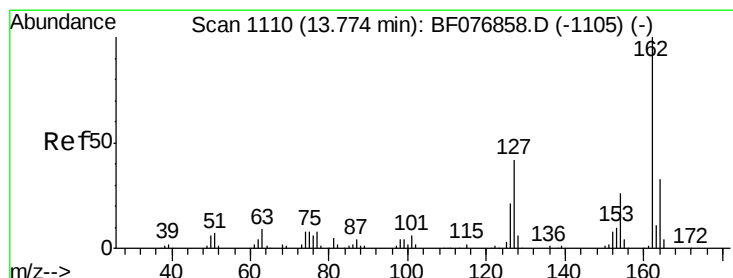
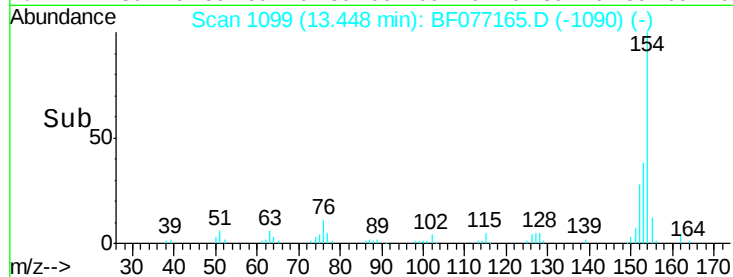
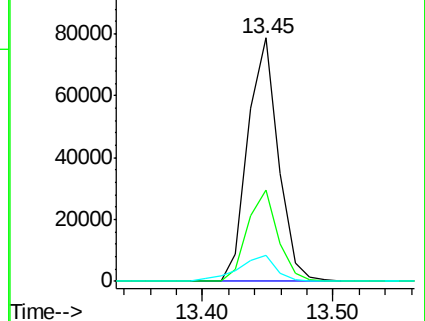
76 10.5 0.0 29.0



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: 35.55 ng

RT: 13.41 min Scan# 1096

Delta R.T. -0.00 min

Lab File: BF077165.D

Acq: 3 Feb 2015 17:09

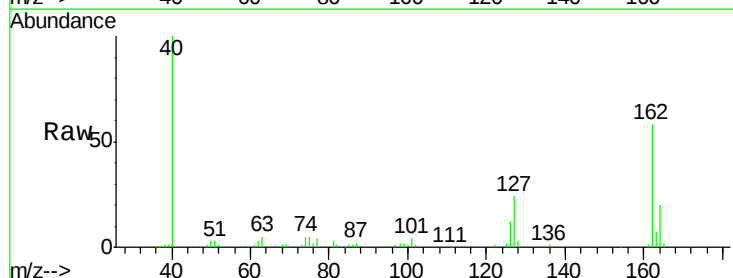
Tgt Ion:162 Resp: 97267

Ion Ratio Lower Upper

162 100

127 41.7 33.8 50.6

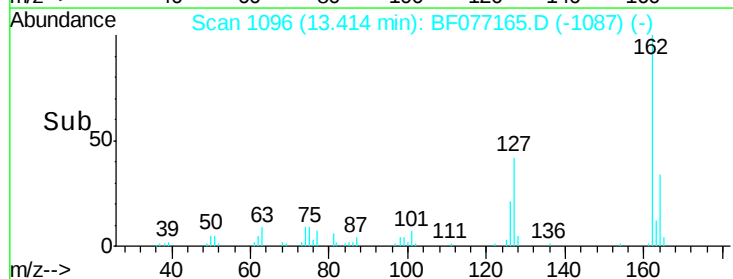
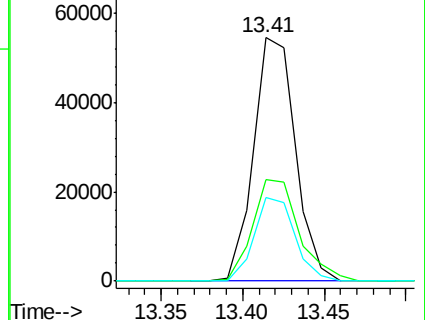
164 34.2 26.8 40.2

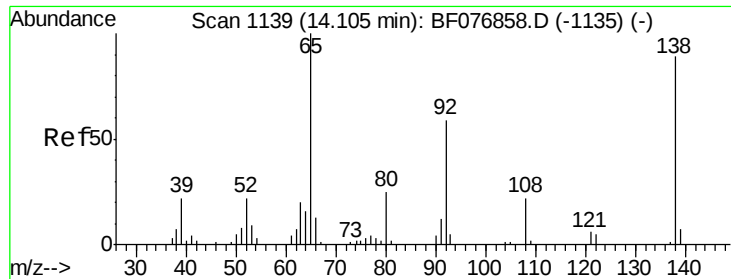


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

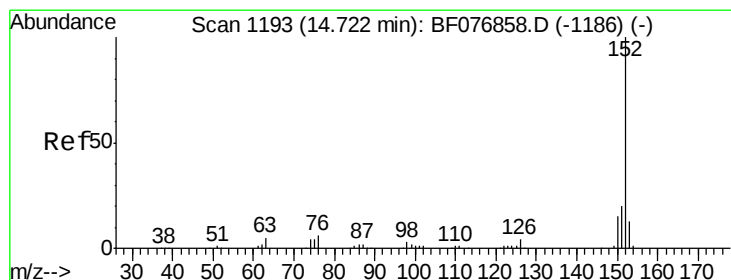
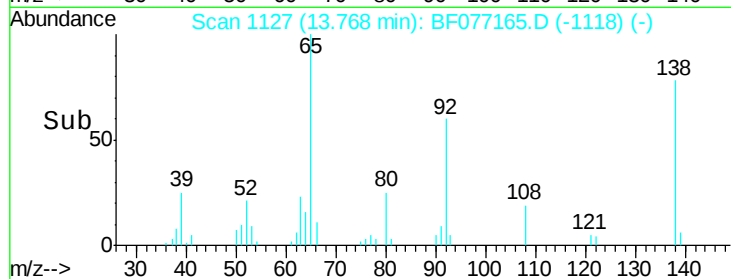
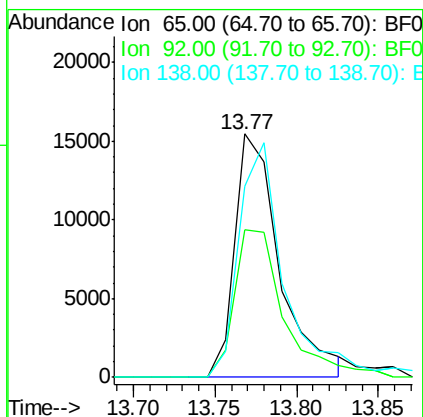
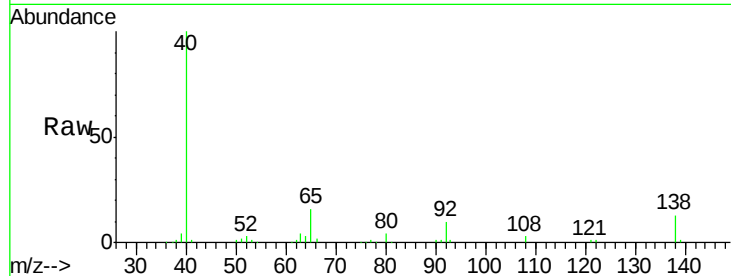




#47
 2-Nitroaniline
 Concen: 35.51 ng
 RT: 13.77 min Scan# 1127
 Delta R.T. -0.00 min
 Lab File: BF077165.D
 Acq: 3 Feb 2015 17:09

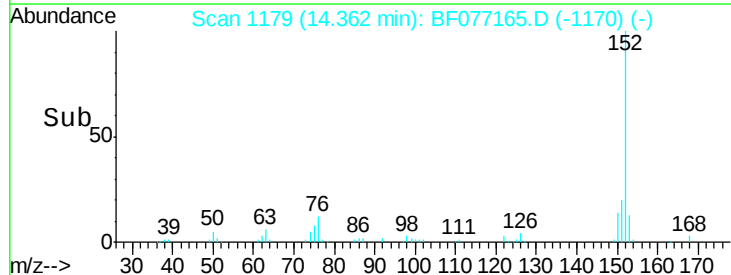
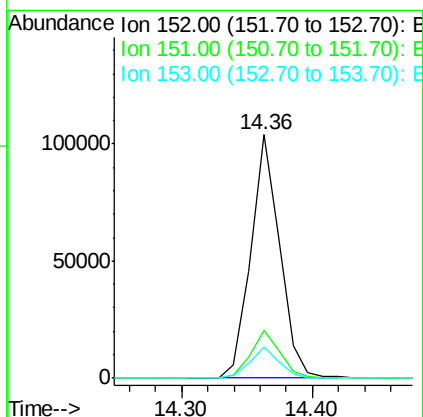
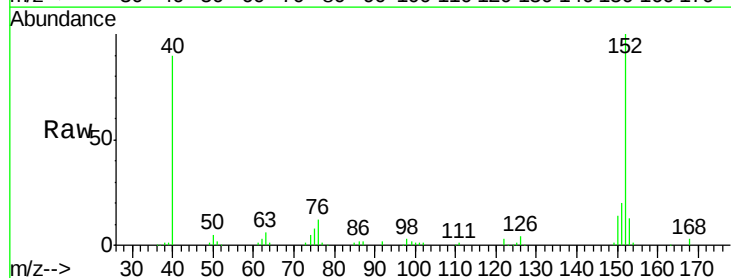
Instrument :
 BNA_F
 ClientSampleId :

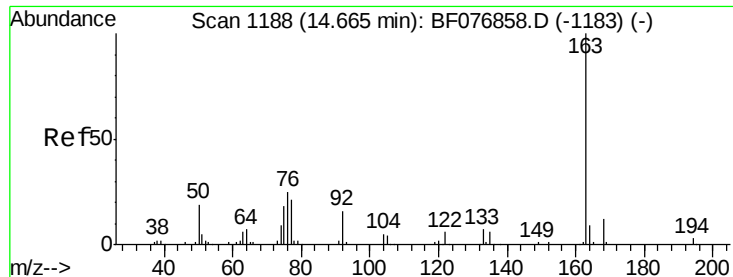
Tot Ion: 65 Resp: 29475
 Ion Ratio Lower Upper
 65 100
 92 60.5 47.3 70.9
 138 78.5 71.4 107.2



#48
 Acenaphthylene
 Concen: 35.02 ng
 RT: 14.36 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BF077165.D
 Acq: 3 Feb 2015 17:09

Tgt Ion: 152 Resp: 161617
 Ion Ratio Lower Upper
 152 100
 151 19.8 15.9 23.9
 153 12.7 10.2 15.4

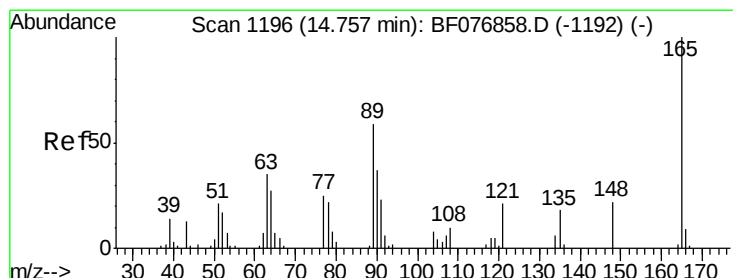
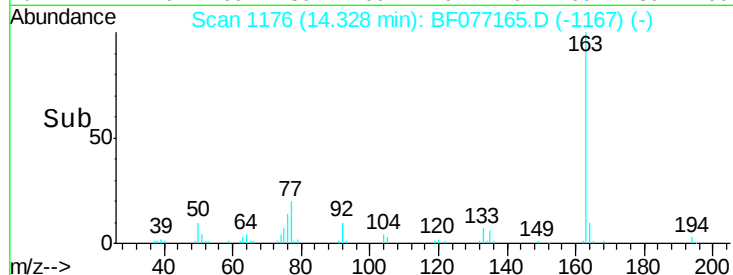
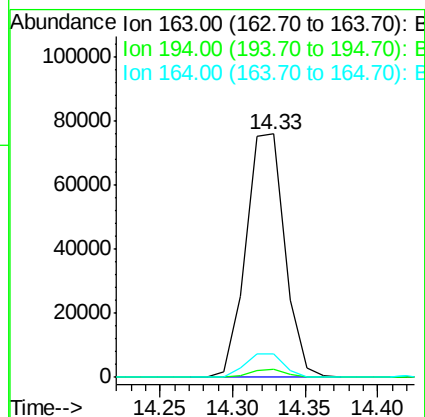
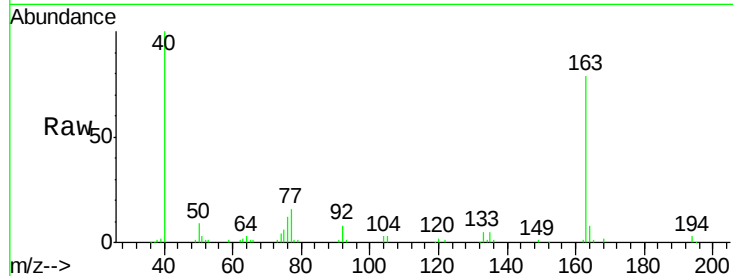




#49
Dimethylphthalate
Concen: 44.39 ng
RT: 14.33 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BF077165.D
Acq: 3 Feb 2015 17:09

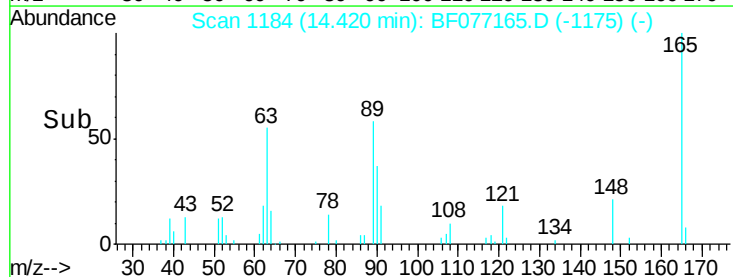
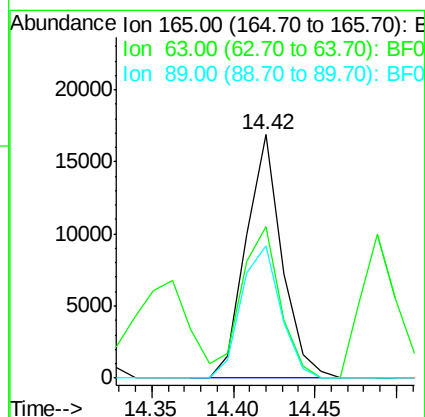
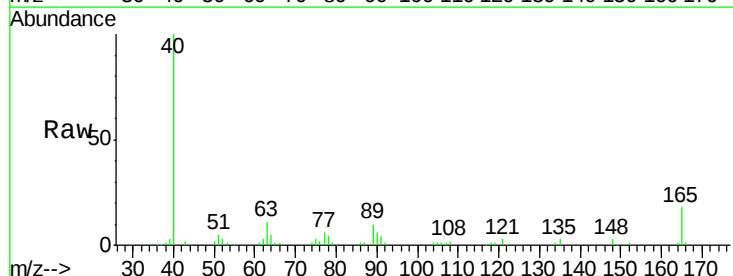
Instrument :
BNA_F
ClientSampleId :

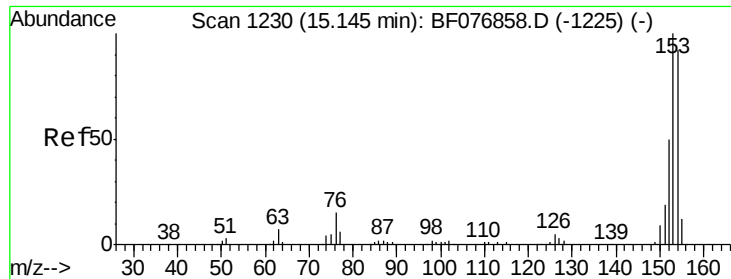
Tot Ion:163 Resp: 141191
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 9.5 7.5 11.3



#50
2,6-Dinitrotoluene
Concen: 40.72 ng
RT: 14.42 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BF077165.D
Acq: 3 Feb 2015 17:09

Tgt Ion:165 Resp: 25877
Ion Ratio Lower Upper
165 100
63 62.1 48.1 72.1
89 54.2 47.2 70.8





#51

Acenaphthene

Concen: 34.42 ng

RT: 14.79 min Scan# 1216

Delta R.T. -0.00 min

Lab File: BF077165.D

Acq: 3 Feb 2015 17:09

Instrument :

BNA_F

ClientSampleId :

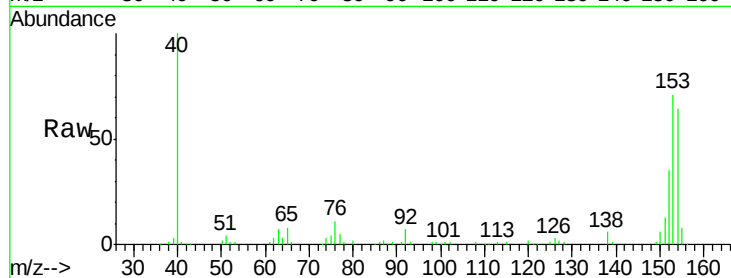
Tot Ion:154 Resp: 90123

Ion Ratio Lower Upper

154 100

153 111.3 87.0 130.6

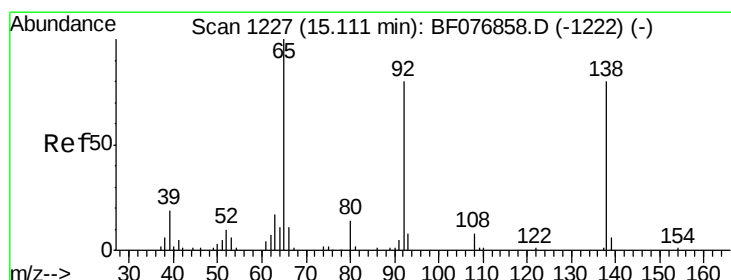
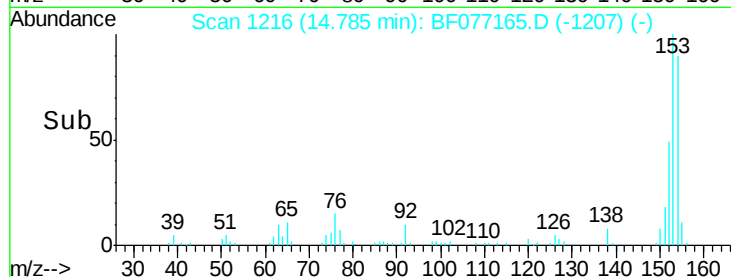
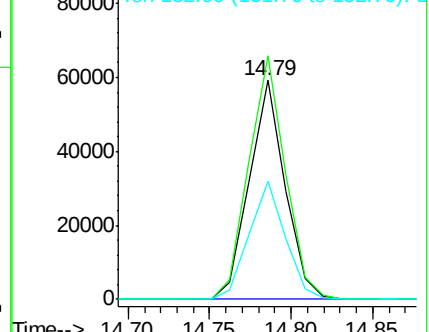
152 54.1 43.5 65.3



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: 31.11 ng

RT: 14.77 min Scan# 1215

Delta R.T. -0.00 min

Lab File: BF077165.D

Acq: 3 Feb 2015 17:09

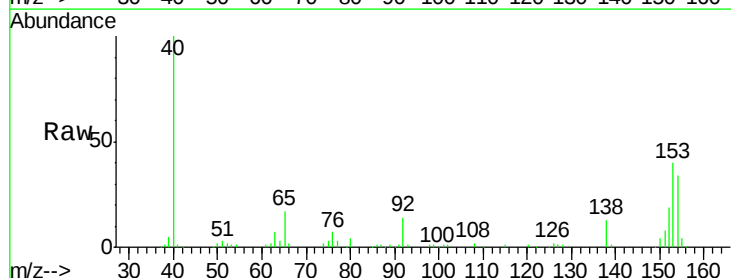
Tgt Ion:138 Resp: 25260

Ion Ratio Lower Upper

138 100

108 13.7 8.3 12.5#

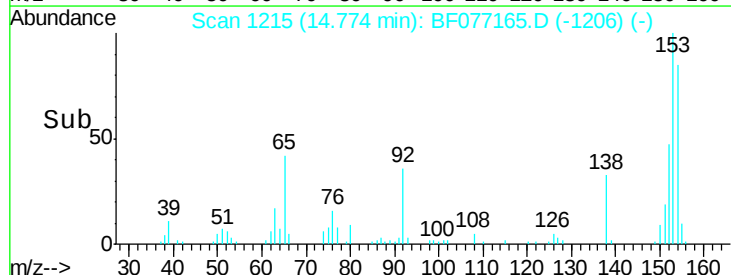
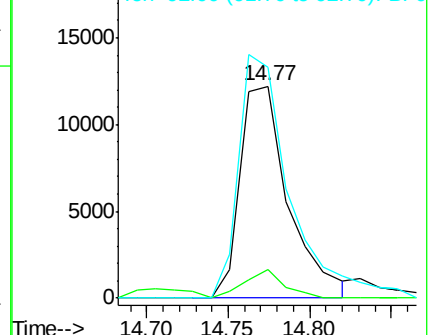
92 109.2 80.9 121.3

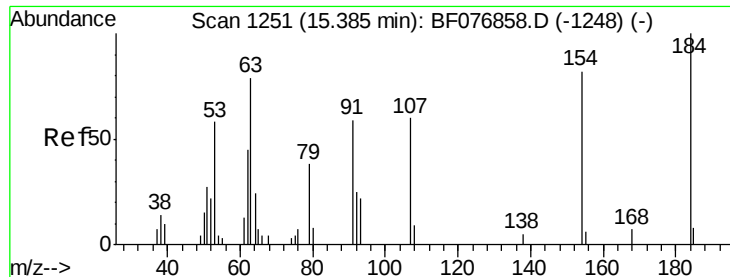


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

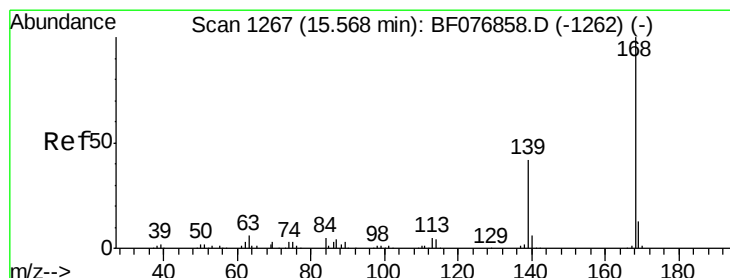
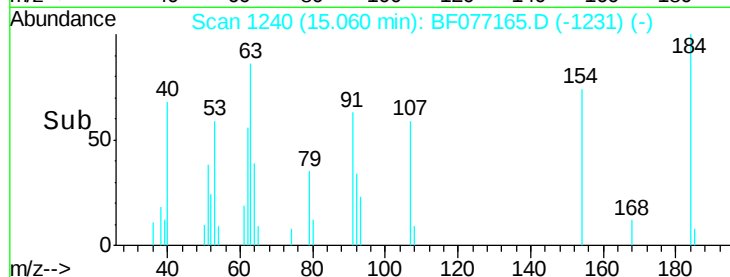
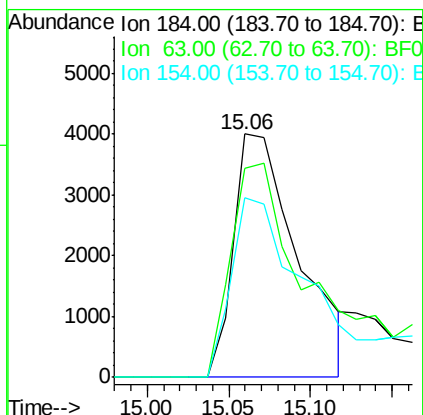
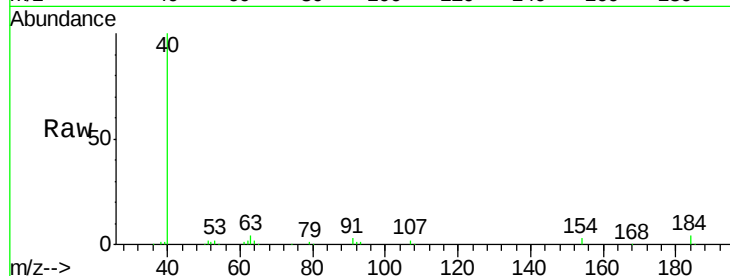




#53
2,4-Dinitrophenol
Concen: 43.17 ng
RT: 15.06 min Scan# 1240
Delta R.T. -0.00 min
Lab File: BF077165.D
Acq: 3 Feb 2015 17:09

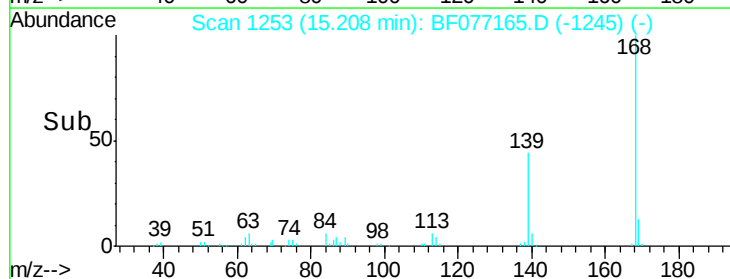
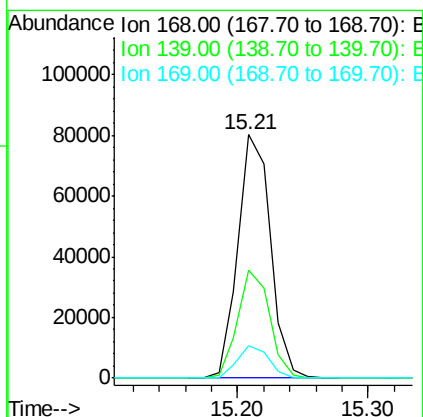
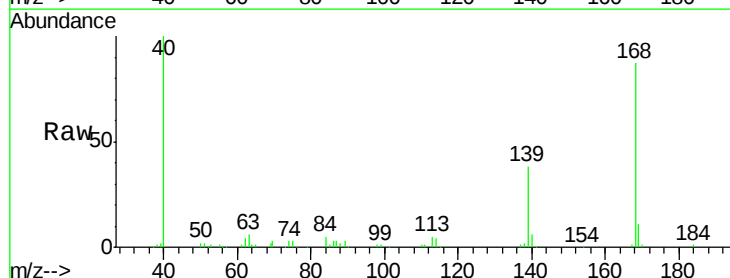
Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 10980
Ion Ratio Lower Upper
184 100
63 85.8 63.0 94.6
154 73.8 65.5 98.3



#54
Dibenzofuran
Concen: 36.46 ng
RT: 15.21 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF077165.D
Acq: 3 Feb 2015 17:09

Tgt Ion:168 Resp: 139061
Ion Ratio Lower Upper
168 100
139 44.1 33.4 50.2
169 13.3 10.6 15.8

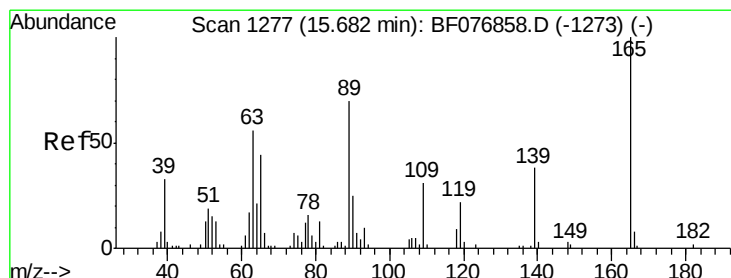
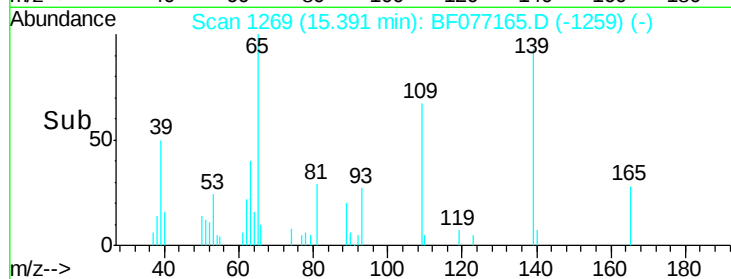
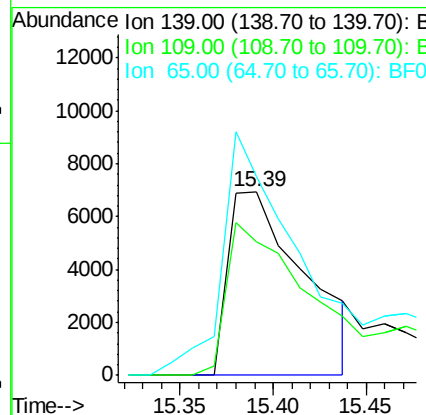
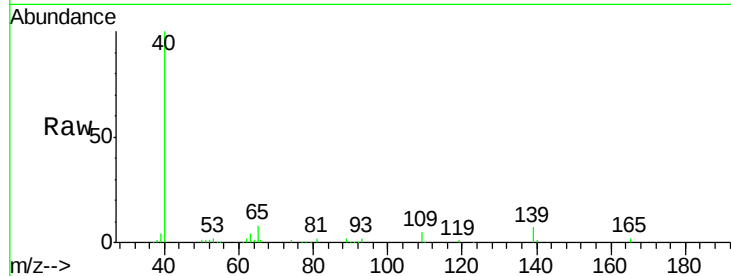




#55
4-Nitrophenol
Concen: 39.75 ng
RT: 15.39 min Scan# 1269
Delta R.T. 0.01 min
Lab File: BF077165.D
Acq: 3 Feb 2015 17:09

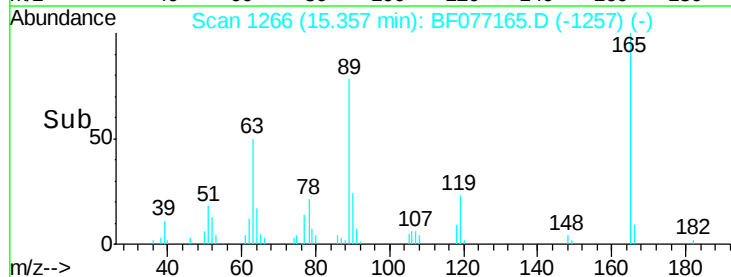
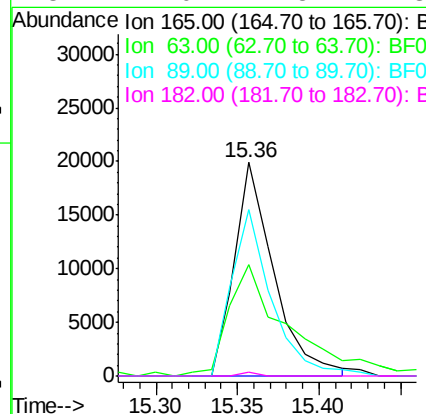
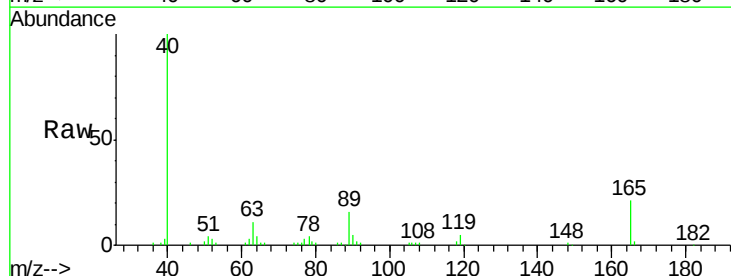
Instrument :
BNA_F
ClientSampleId :

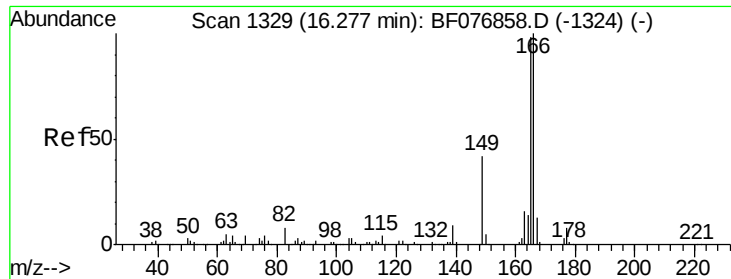
Tot Ion:139 Resp: 19817
Ion Ratio Lower Upper
139 100
109 72.7 61.0 101.0
65 107.8 96.6 136.6



#56
2,4-Dinitrotoluene
Concen: 35.65 ng
RT: 15.36 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BF077165.D
Acq: 3 Feb 2015 17:09

Tgt Ion:165 Resp: 33415
Ion Ratio Lower Upper
165 100
63 52.3 44.8 67.2
89 77.9 56.2 84.2
182 2.0 1.5 2.3

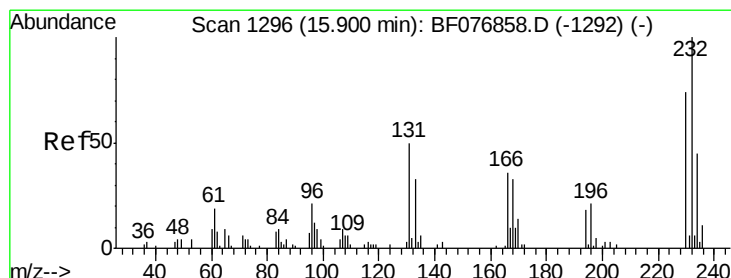
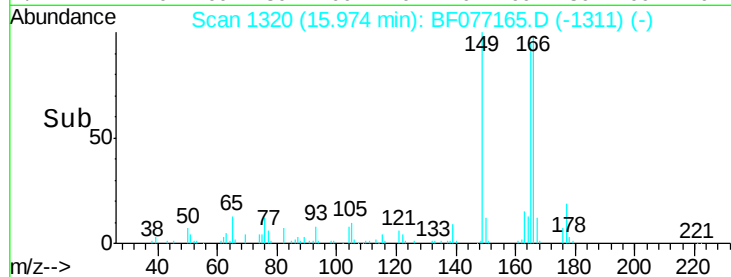
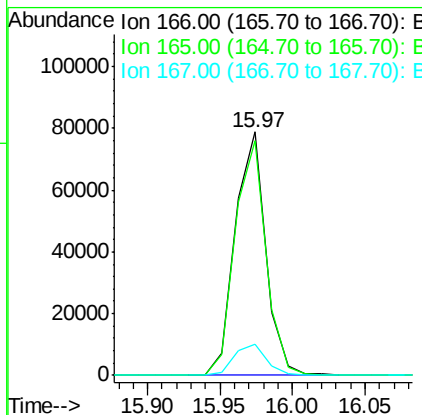
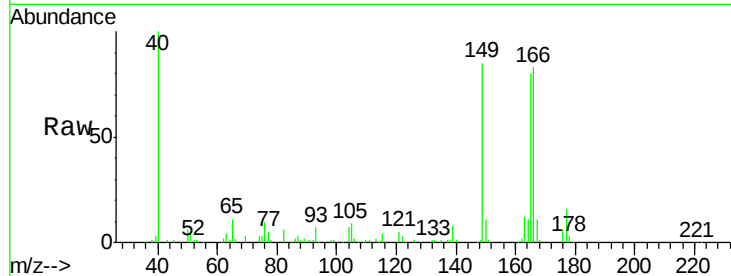




#57
 Fluorene
 Concen: 35.53 ng
 RT: 15.97 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: BF077165.D
 Acq: 3 Feb 2015 17:09

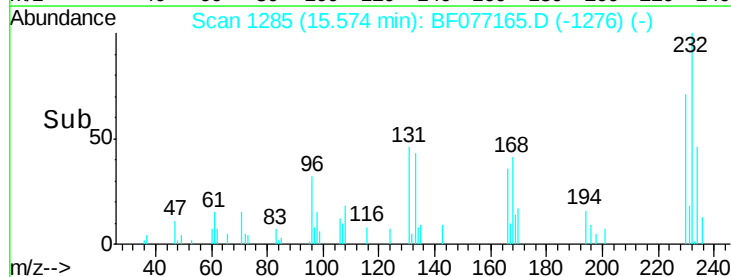
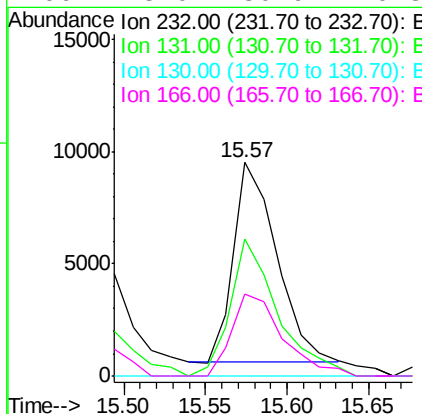
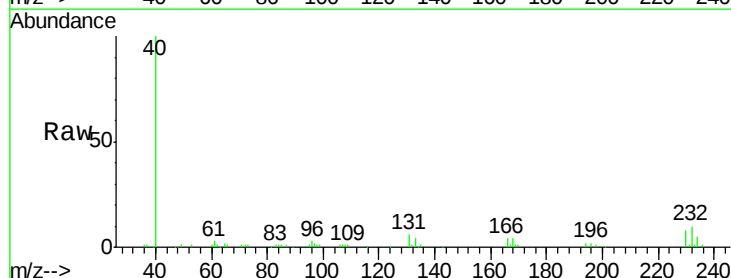
Instrument :
 BNA_F
 ClientSampleId :

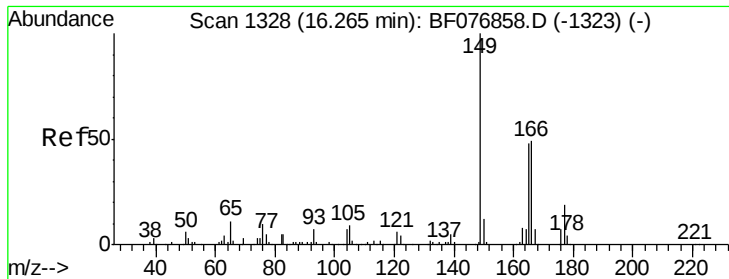
Tot Ion:166 Resp: 114814
 Ion Ratio Lower Upper
 166 100
 165 96.4 78.5 117.7
 167 12.7 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 27.22 ng
 RT: 15.57 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: BF077165.D
 Acq: 3 Feb 2015 17:09

Tgt Ion:232 Resp: 16333
 Ion Ratio Lower Upper
 232 100
 131 75.0 45.0 67.6#
 130 0.0 2.6 3.8#
 166 48.0 30.9 46.3#

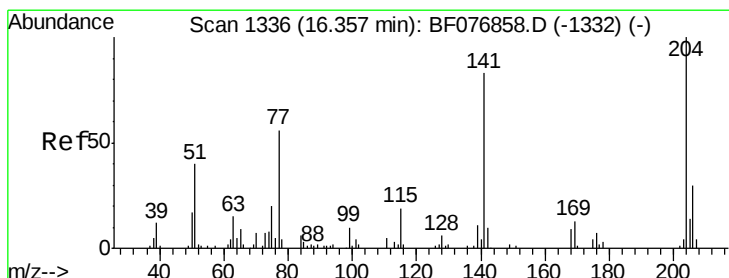
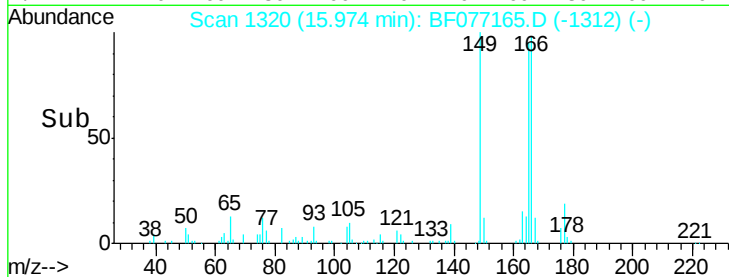
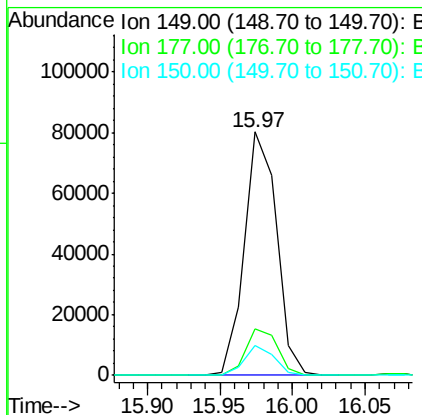
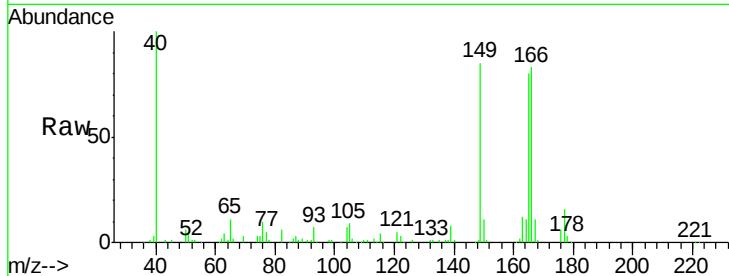




#59
Diethylphthalate
Concen: 38.40 ng
RT: 15.97 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF077165.D
Acq: 3 Feb 2015 17:09

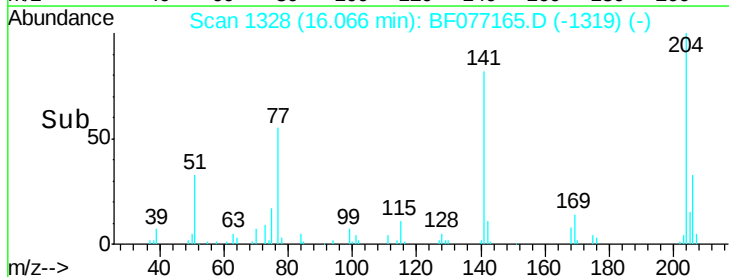
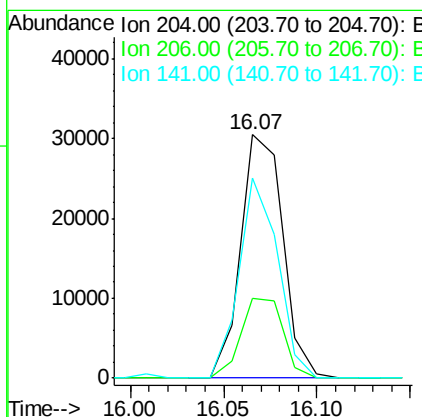
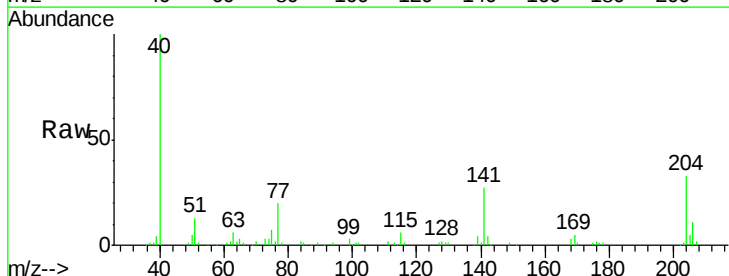
Instrument :
BNA_F
ClientSampleId :

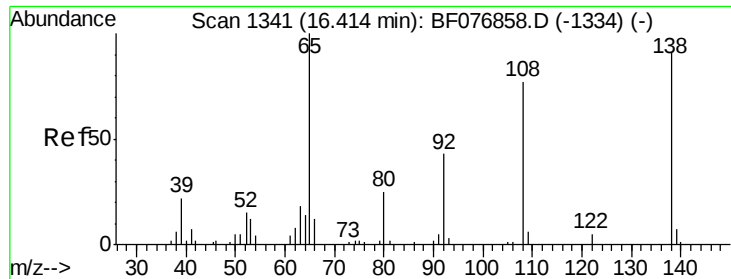
Tot Ion:149 Resp: 123436
Ion Ratio Lower Upper
149 100
177 19.2 15.0 22.6
150 12.4 9.4 14.0



#60
4-Chlorophenyl-phenylether
Concen: 36.70 ng
RT: 16.07 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BF077165.D
Acq: 3 Feb 2015 17:09

Tgt Ion:204 Resp: 48516
Ion Ratio Lower Upper
204 100
206 32.5 24.2 36.2
141 82.4 66.7 100.1

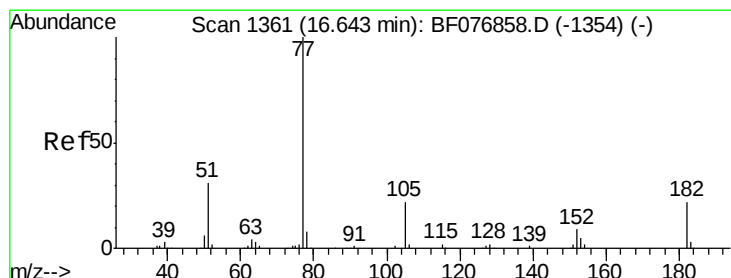
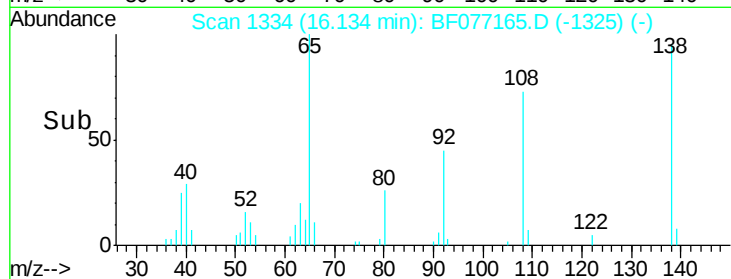
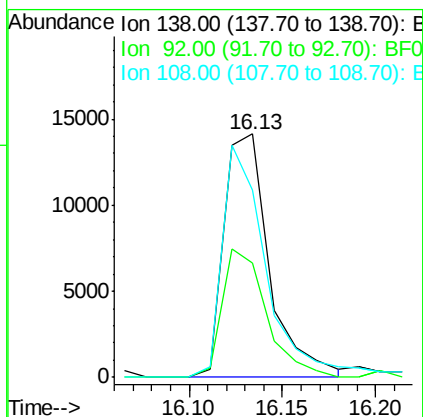
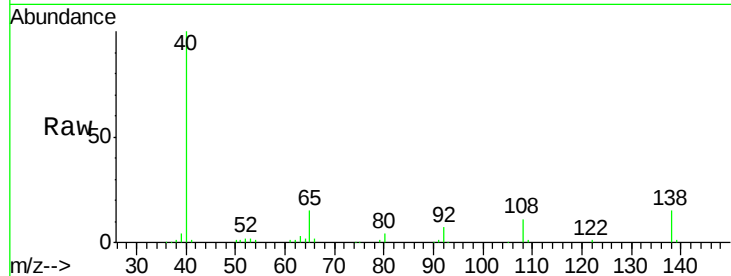




#61
4-Nitroaniline
Concen: 30.68 ng
RT: 16.13 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF077165.D
Acq: 3 Feb 2015 17:09

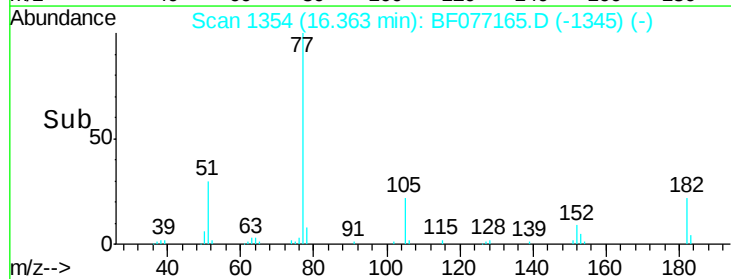
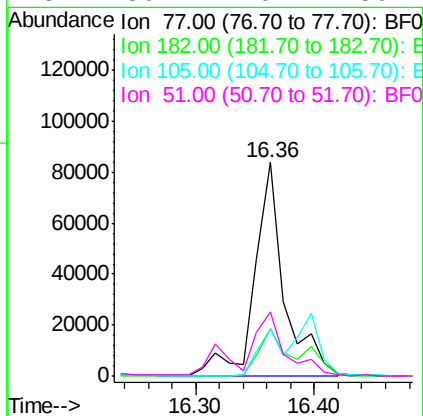
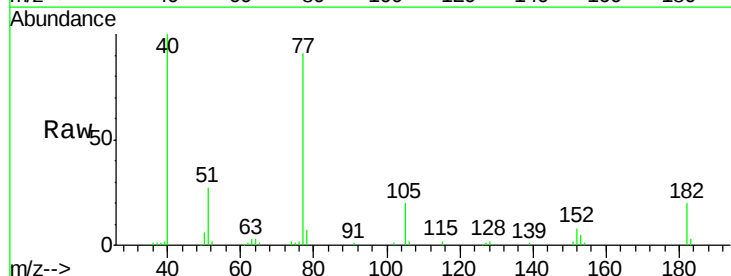
Instrument :
BNA_F
ClientSampleId :

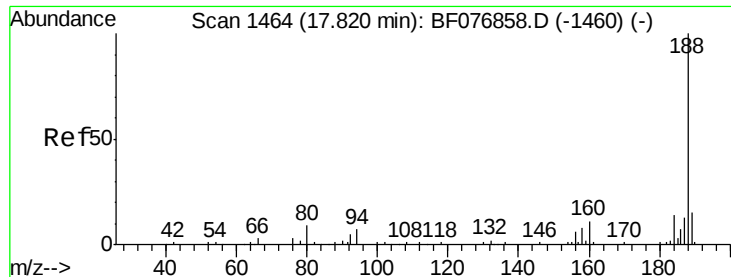
Tot Ion:138 Resp: 24148
Ion Ratio Lower Upper
138 100
92 47.2 26.7 66.7
108 76.9 64.5 104.5



#62
Azobenzene
Concen: 44.09 ng
RT: 16.36 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BF077165.D
Acq: 3 Feb 2015 17:09

Tgt Ion: 77 Resp: 147665
Ion Ratio Lower Upper
77 100
182 22.3 2.0 42.0
105 21.9 2.3 42.3
51 30.1 10.7 50.7

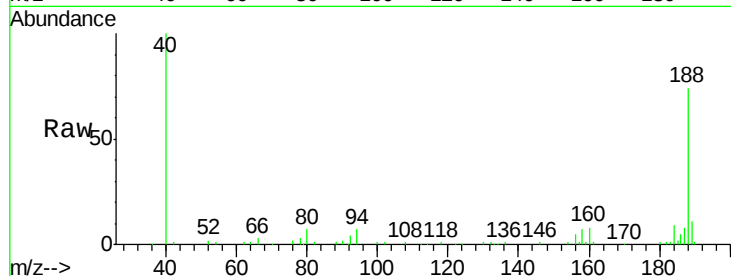




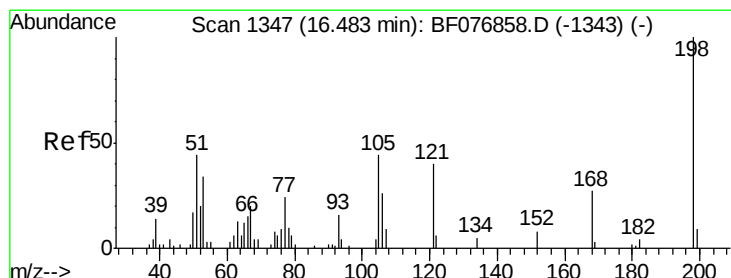
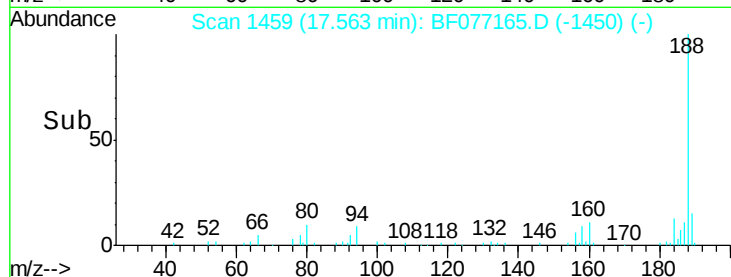
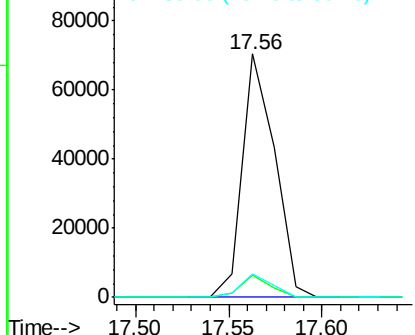
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 1459
Delta R.T. -0.00 min
Lab File: BF077165.D
Acq: 3 Feb 2015 17:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 84965
Ion Ratio Lower Upper
188 100
94 8.9 6.0 9.0
80 9.6 6.9 10.3

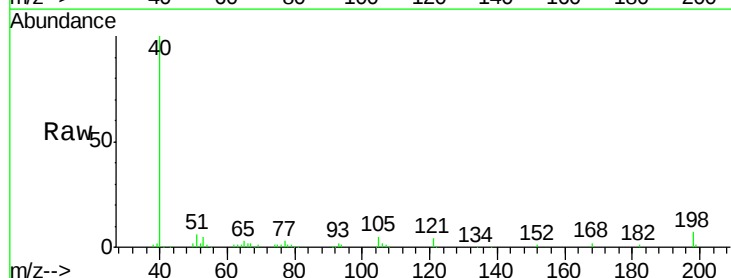


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

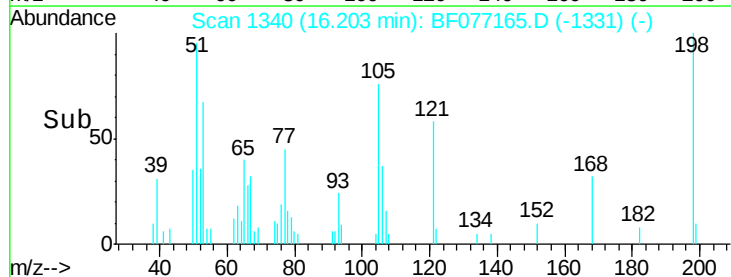
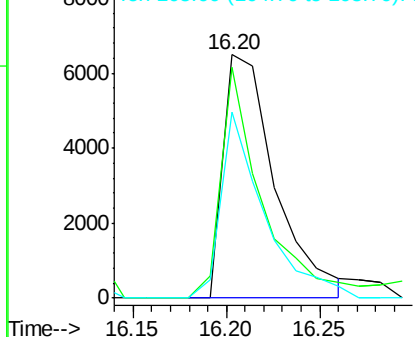


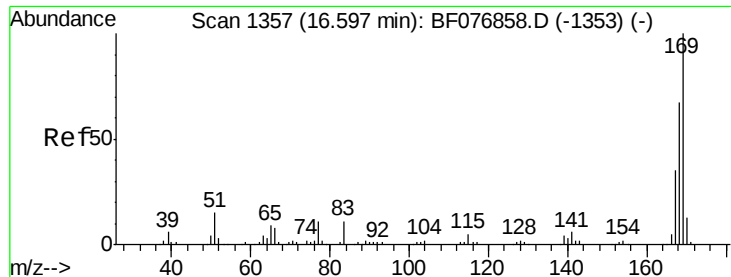
#64
4,6-Dinitro-2-methylphenol
Concen: 24.94 ng
RT: 16.20 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BF077165.D
Acq: 3 Feb 2015 17:09

Tgt Ion:198 Resp: 12686
Ion Ratio Lower Upper
198 100
51 94.7 24.2 64.2#
105 76.3 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

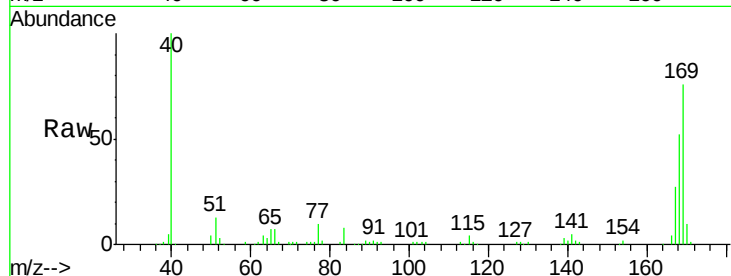




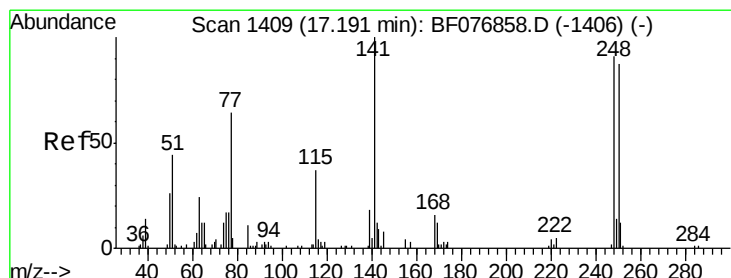
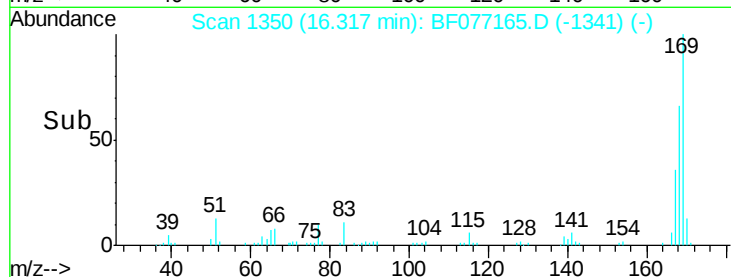
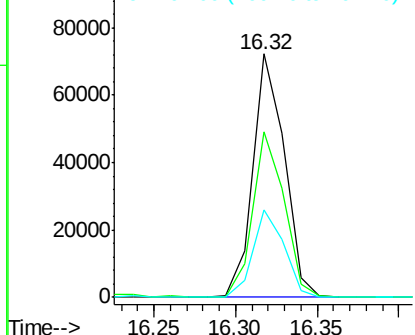
#65
n-Nitrosodiphenylamine
Concen: 32.04 ng
RT: 16.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BF077165.D
Acq: 3 Feb 2015 17:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:169 Resp: 97078
Ion Ratio Lower Upper
169 100
168 68.2 53.8 80.6
167 35.7 27.8 41.6

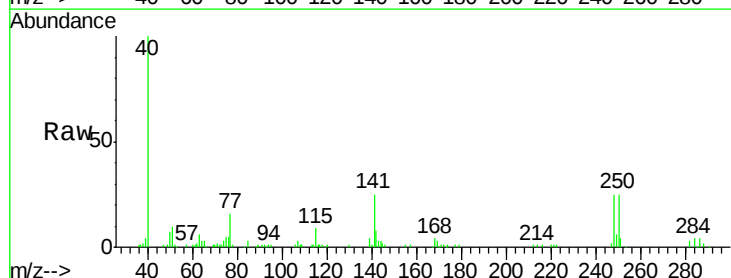


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

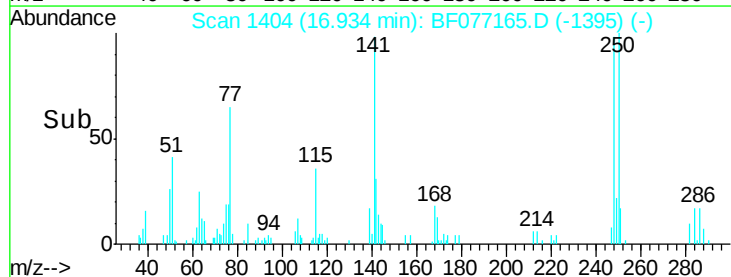
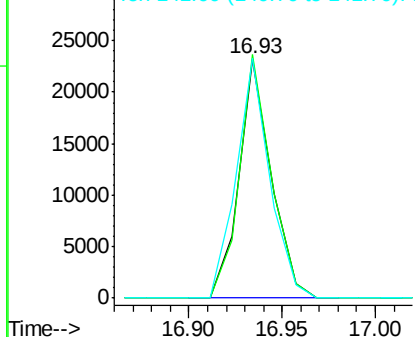


#66
4-Bromophenyl-phenylether
Concen: 32.41 ng
RT: 16.93 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BF077165.D
Acq: 3 Feb 2015 17:09

Tgt Ion:248 Resp: 27895
Ion Ratio Lower Upper
248 100
250 102.0 77.1 115.7
141 100.4 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

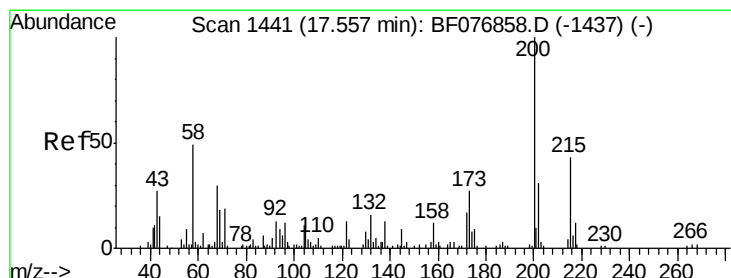
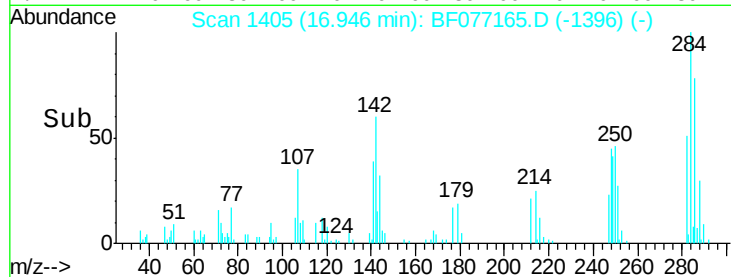
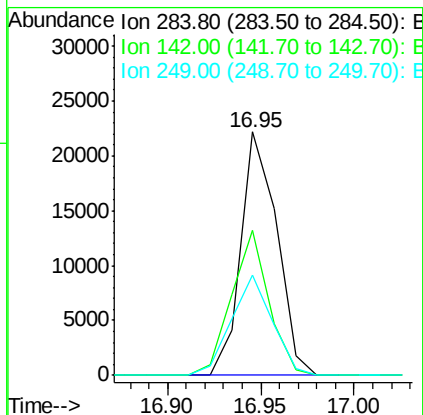
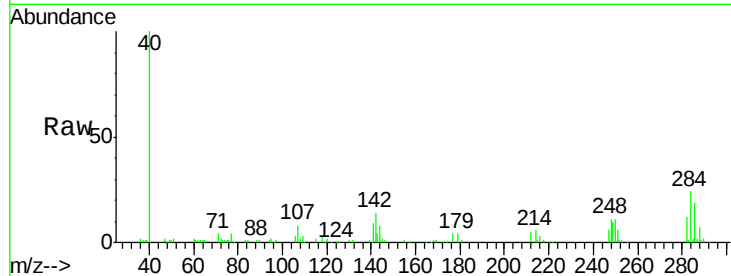




#67
Hexachlorobenzene
Concen: 32.75 ng
RT: 16.95 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BF077165.D
Acq: 3 Feb 2015 17:09

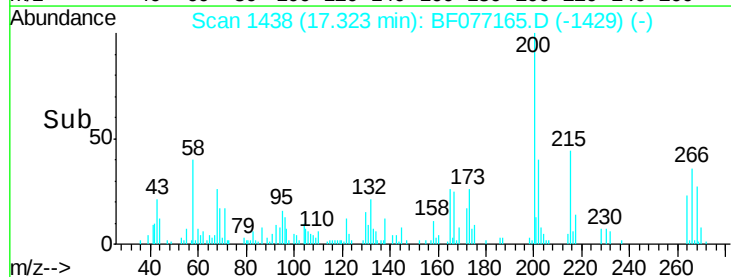
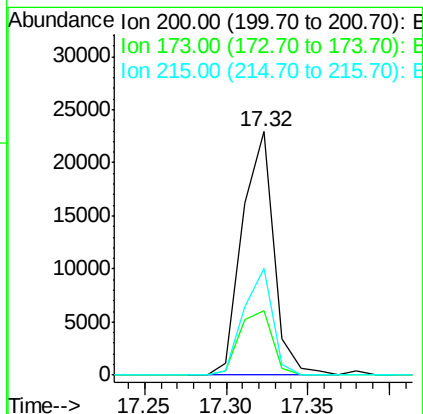
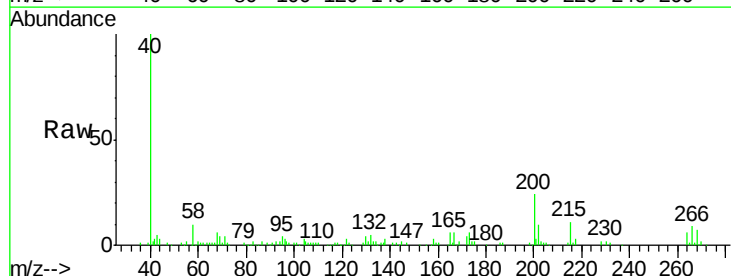
Instrument :
BNA_F
ClientSampleId :

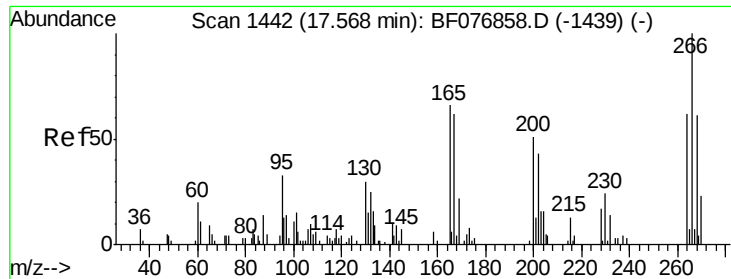
Tot Ion:284 Resp: 29707
Ion Ratio Lower Upper
284 100
142 59.8 38.2 57.4#
249 41.0 28.2 42.2



#68
Atrazine
Concen: 33.34 ng
RT: 17.32 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF077165.D
Acq: 3 Feb 2015 17:09

Tgt Ion:200 Resp: 30654
Ion Ratio Lower Upper
200 100
173 26.2 6.6 46.6
215 43.8 22.9 62.9

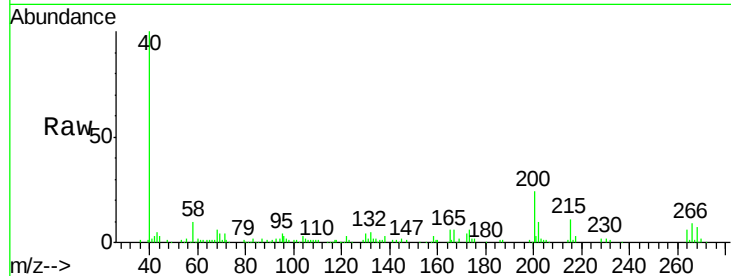




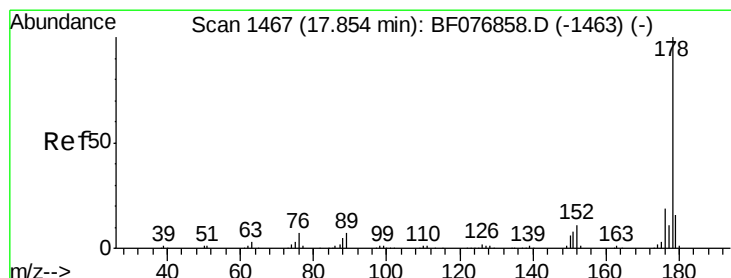
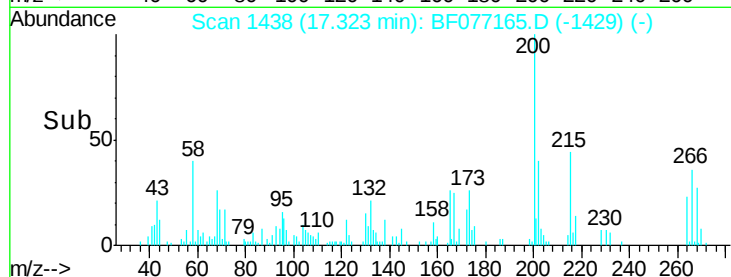
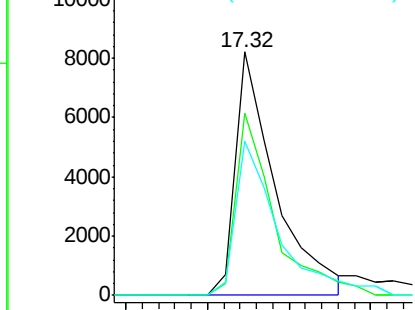
#69
 Pentachlorophenol
 Concen: 37.40 ng
 RT: 17.32 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF077165.D
 Acq: 3 Feb 2015 17:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 13885
 Ion Ratio Lower Upper
 266 100
 268 74.8 48.6 72.8#
 264 63.2 49.5 74.3

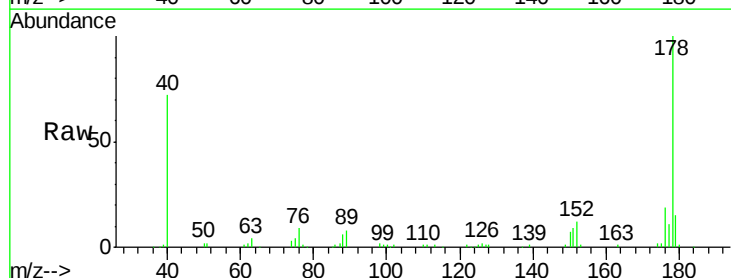


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

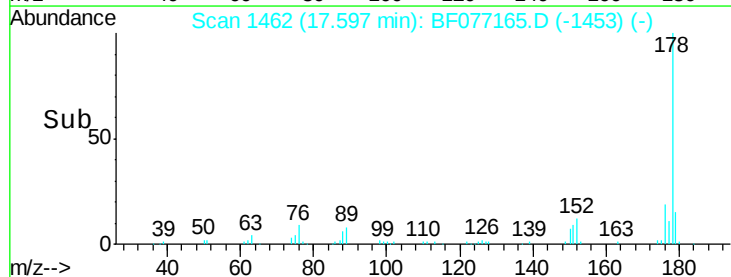
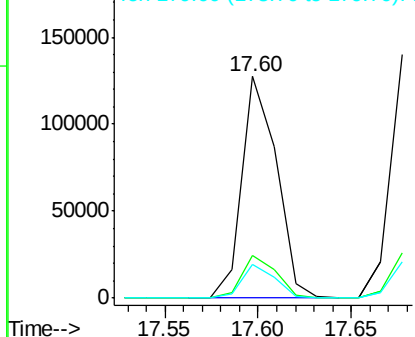


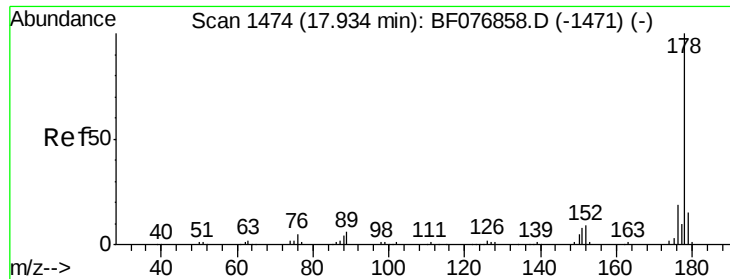
#70
 Phenanthrene
 Concen: 31.17 ng
 RT: 17.60 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: BF077165.D
 Acq: 3 Feb 2015 17:09

Tgt Ion:178 Resp: 165141
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.1 22.7
 179 15.1 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

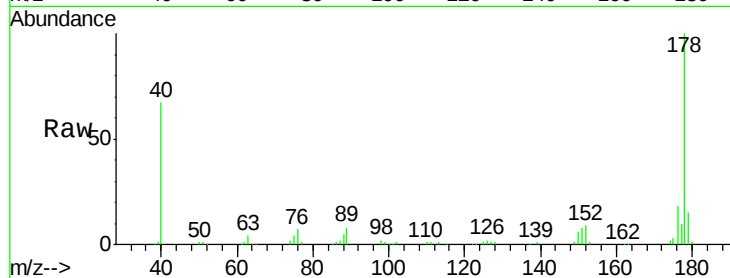




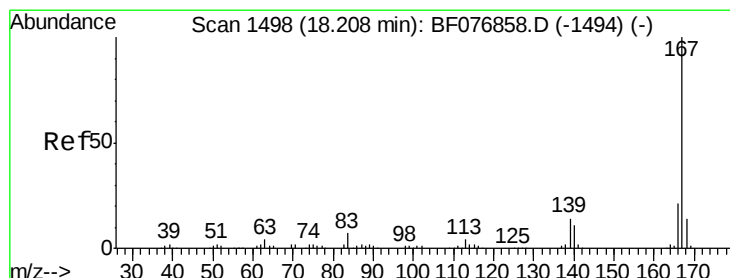
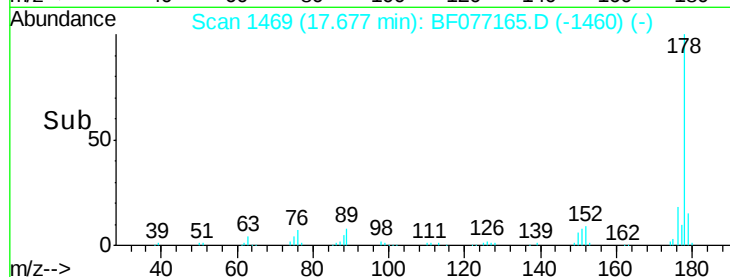
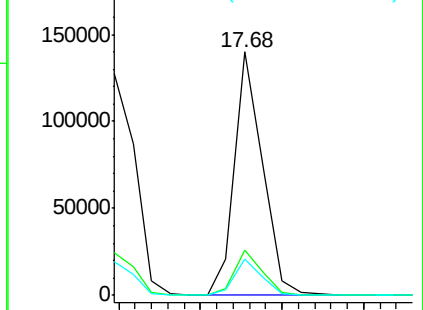
#71
 Anthracene
 Concen: 32.35 ng
 RT: 17.68 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: BF077165.D
 Acq: 3 Feb 2015 17:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 167141
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.4 23.0
 179 14.8 11.9 17.9

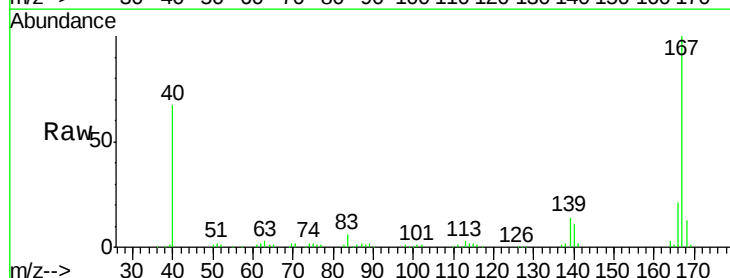


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

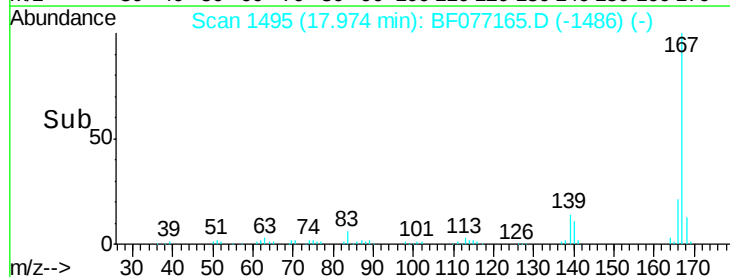
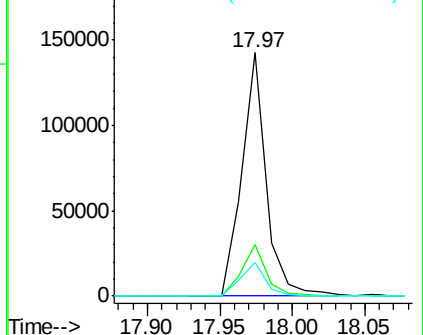


#72
 Carbazole
 Concen: 33.19 ng
 RT: 17.97 min Scan# 1495
 Delta R.T. -0.00 min
 Lab File: BF077165.D
 Acq: 3 Feb 2015 17:09

Tgt Ion:167 Resp: 166329
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.0 25.6
 139 13.9 11.3 16.9



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

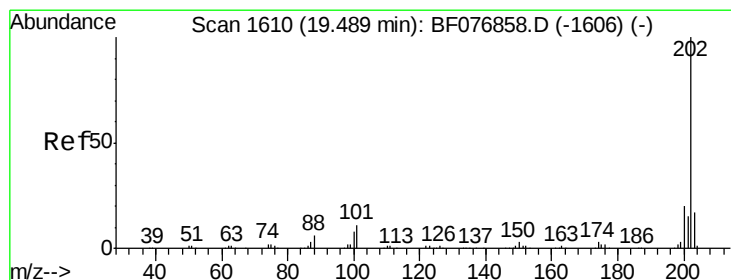
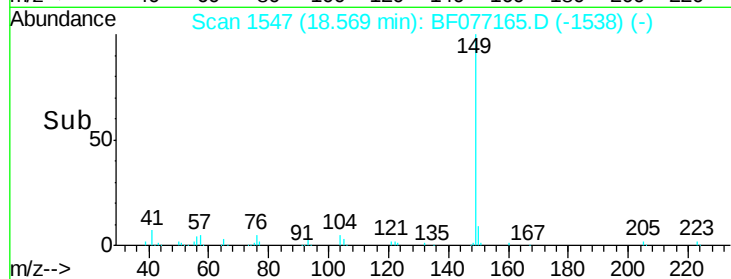
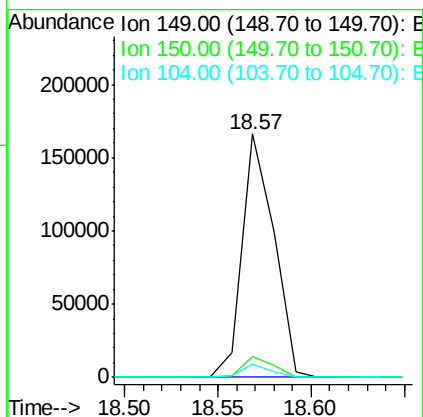
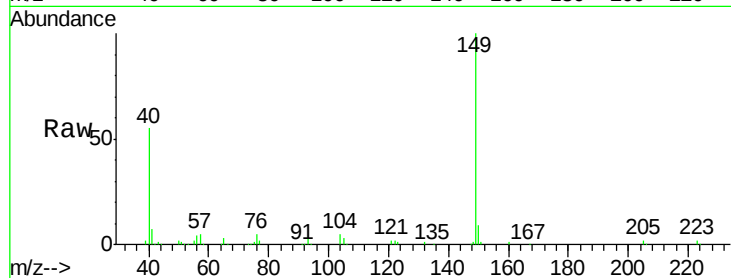




#73
Di-n-butylphthalate
Concen: 33.86 ng
RT: 18.57 min Scan# 1547
Delta R.T. -0.00 min
Lab File: BF077165.D
Acq: 3 Feb 2015 17:09

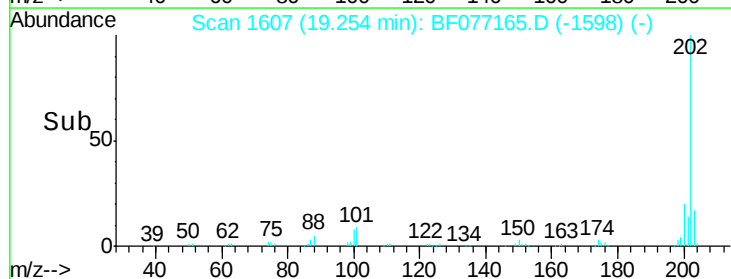
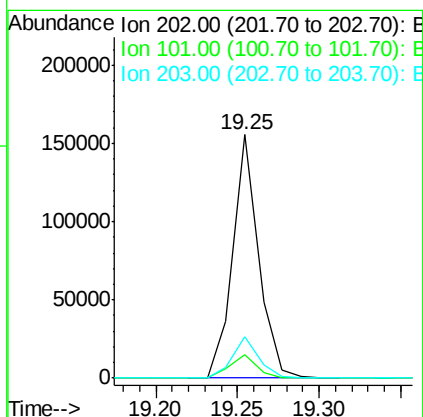
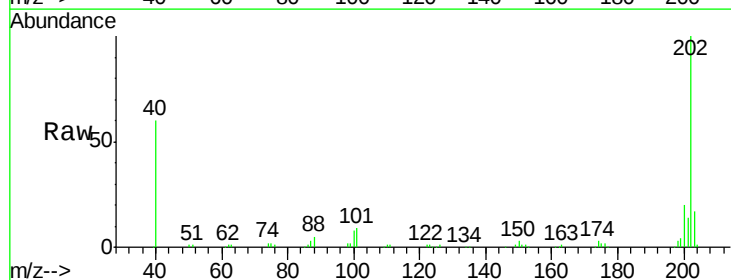
Instrument :
BNA_F
ClientSampleId :

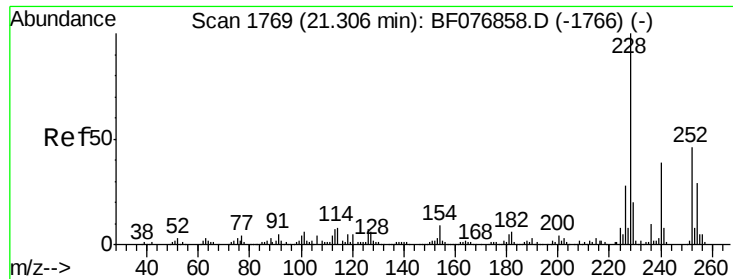
Tot Ion:149 Resp: 196402
Ion Ratio Lower Upper
149 100
150 8.7 6.9 10.3
104 5.2 3.7 5.5



#74
Fluoranthene
Concen: 31.31 ng
RT: 19.25 min Scan# 1607
Delta R.T. -0.00 min
Lab File: BF077165.D
Acq: 3 Feb 2015 17:09

Tgt Ion:202 Resp: 170002
Ion Ratio Lower Upper
202 100
101 9.4 0.0 30.7
203 17.1 0.0 36.9

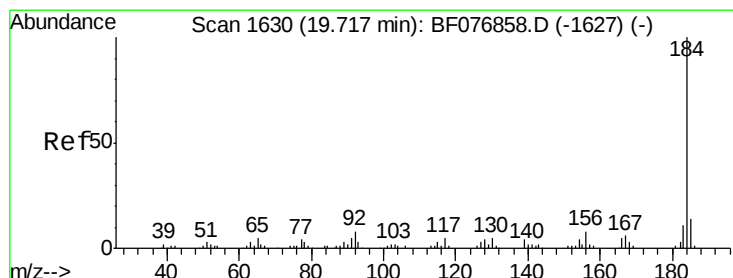
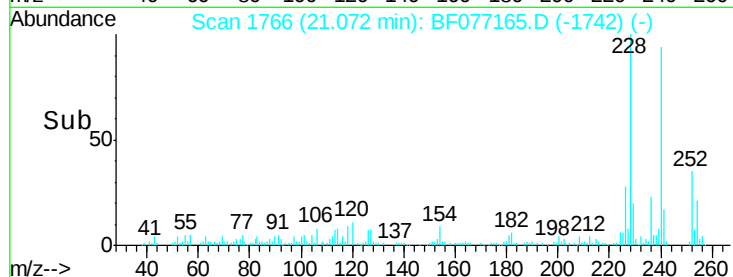
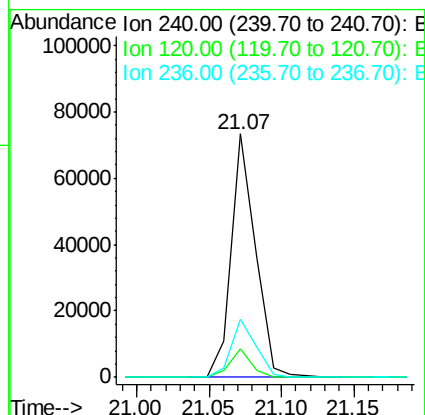
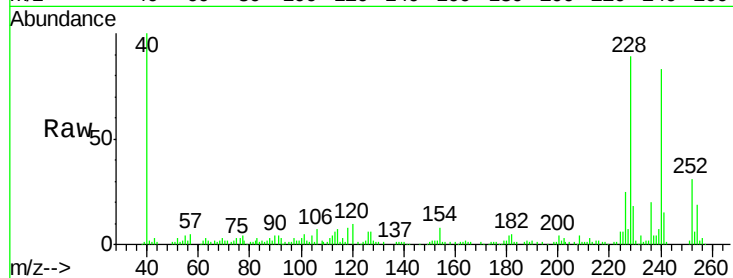




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.07 min Scan# 1766
 Delta R.T. -0.02 min
 Lab File: BF077165.D
 Acq: 3 Feb 2015 17:09

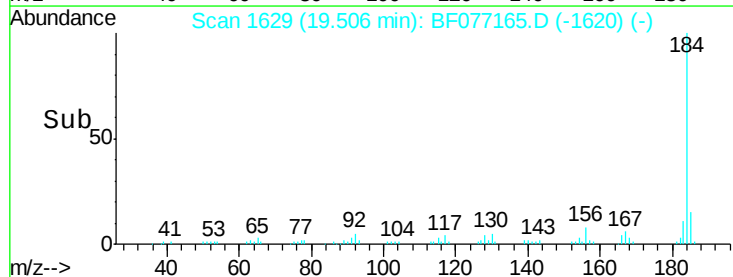
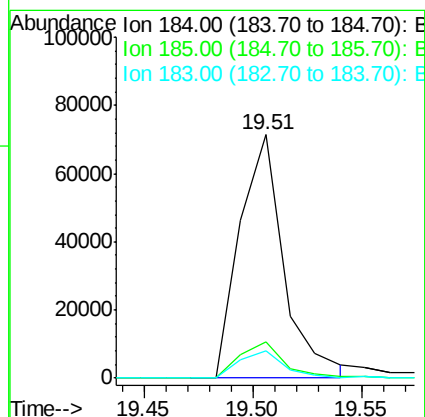
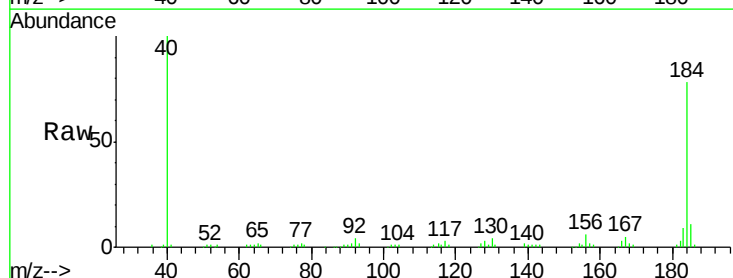
Instrument :
 BNA_F
 ClientSampleId :

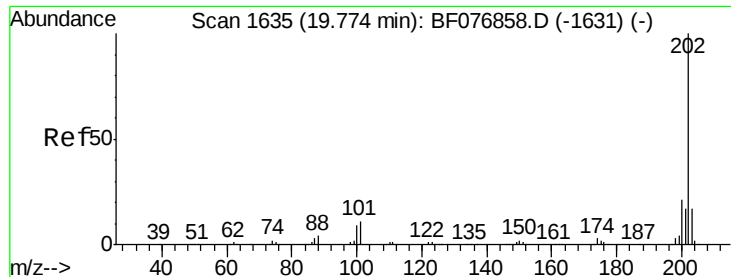
Tot Ion:240 Resp: 84999
 Ion Ratio Lower Upper
 240 100
 120 11.8 10.4 15.6
 236 24.0 20.2 30.2



#76
 Benzidine
 Concen: 37.12 ng
 RT: 19.51 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: BF077165.D
 Acq: 3 Feb 2015 17:09

Tgt Ion:184 Resp: 100964
 Ion Ratio Lower Upper
 184 100
 185 14.7 11.4 17.2
 183 11.4 9.0 13.6

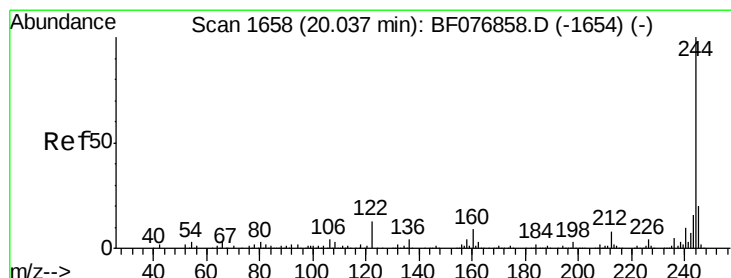
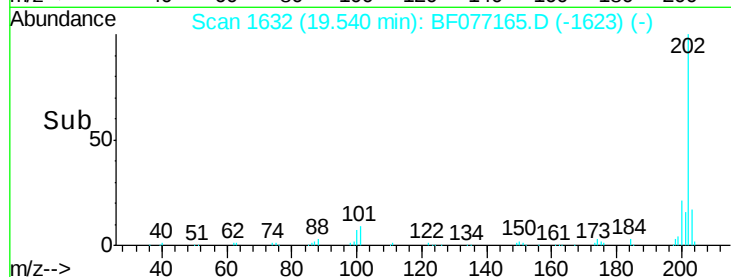
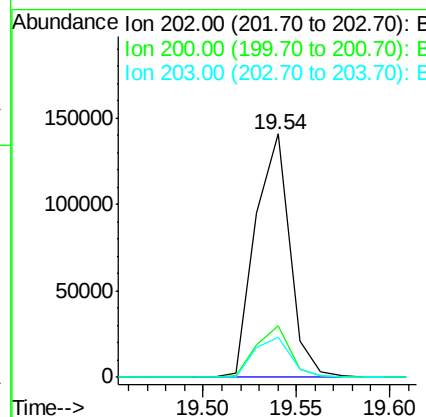
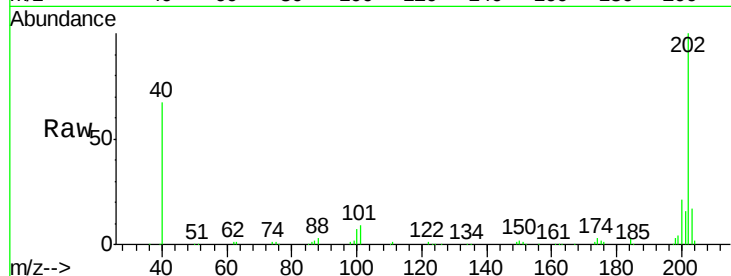




#77
 Pvrene
 Concen: 30.85 ng
 RT: 19.54 min Scan# 1632
 Delta R.T. -0.00 min
 Lab File: BF077165.D
 Acq: 3 Feb 2015 17:09

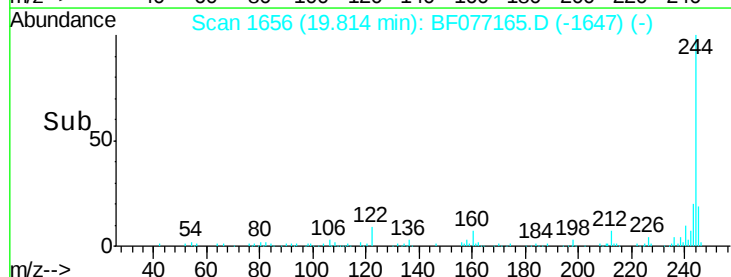
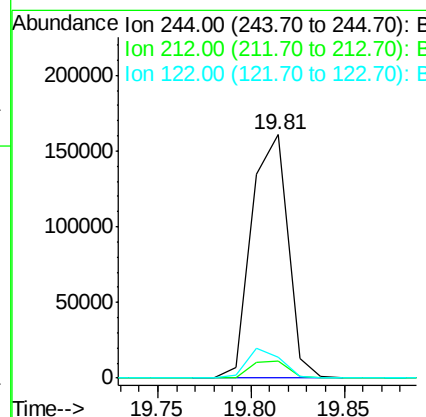
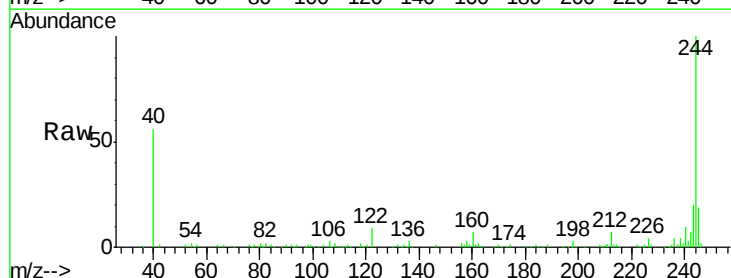
Instrument :
 BNA_F
 ClientSampleId :

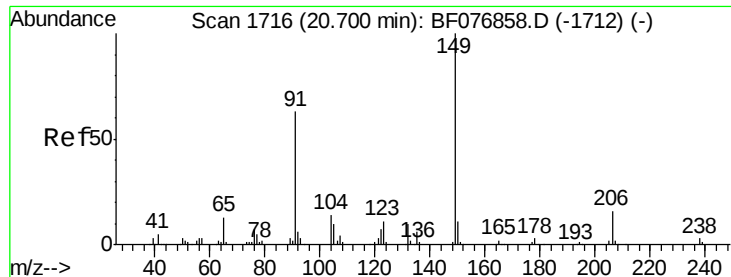
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.7	25.1
203	16.5	14.0	21.0



#78
 Terphenyl-d14
 Concen: 58.92 ng
 RT: 19.81 min Scan# 1656
 Delta R.T. -0.00 min
 Lab File: BF077165.D
 Acq: 3 Feb 2015 17:09

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.3	9.5
122	8.5	10.1	15.1#

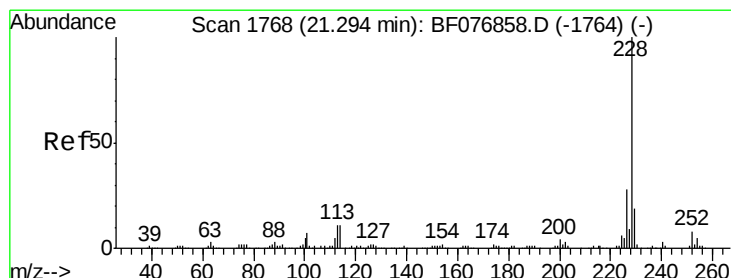
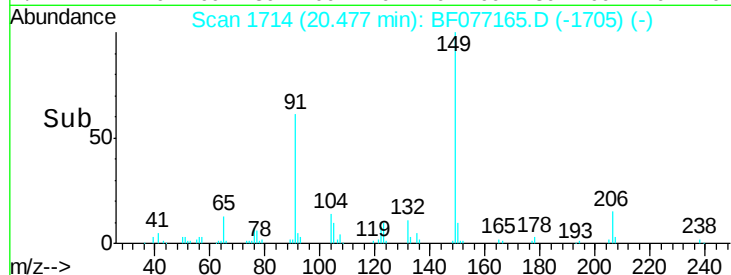
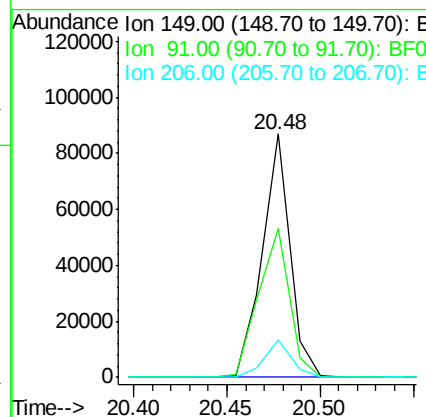
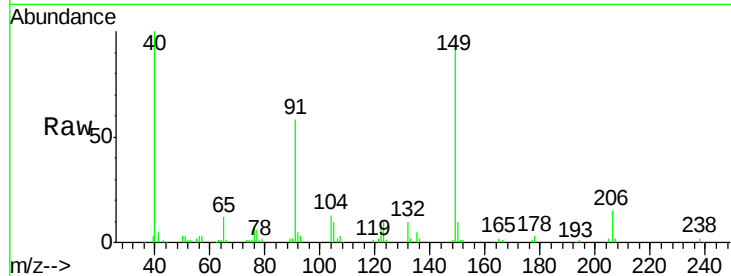




#79
Butylbenzylphthalate
Concen: 33.78 ng
RT: 20.48 min Scan# 1714
Delta R.T. -0.00 min
Lab File: BF077165.D
Acq: 3 Feb 2015 17:09

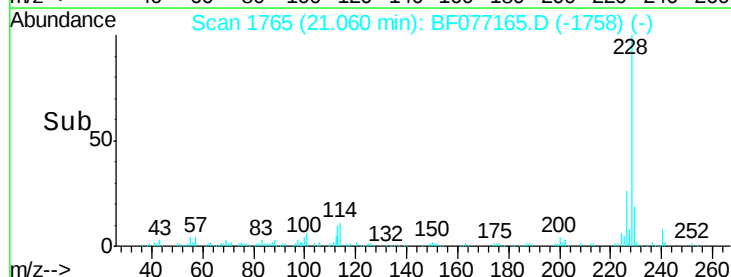
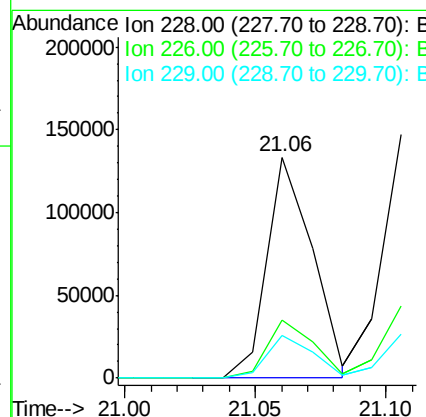
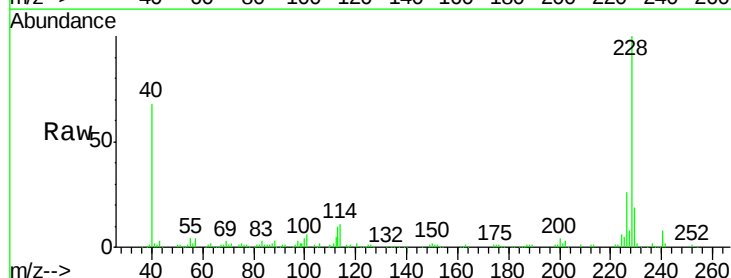
Instrument :
BNA_F
ClientSampleId :

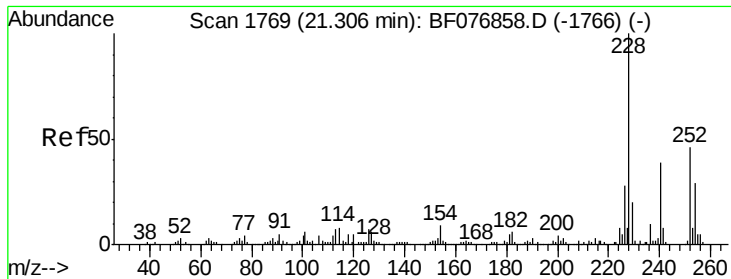
Tot Ion:149 Resp: 89119
Ion Ratio Lower Upper
149 100
91 61.1 50.6 76.0
206 15.4 12.8 19.2



#80
Benzo(a)anthracene
Concen: 30.12 ng
RT: 21.06 min Scan# 1765
Delta R.T. -0.02 min
Lab File: BF077165.D
Acq: 3 Feb 2015 17:09

Tgt Ion:228 Resp: 160615
Ion Ratio Lower Upper
228 100
226 26.4 22.1 33.1
229 19.2 15.5 23.3

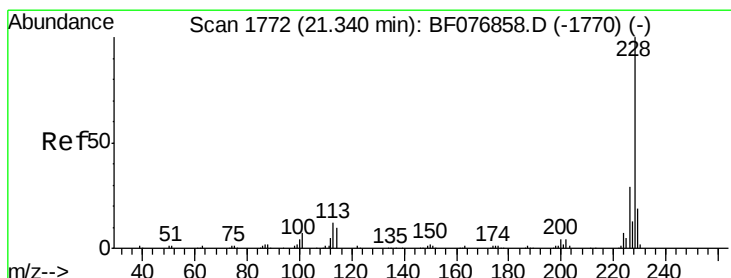
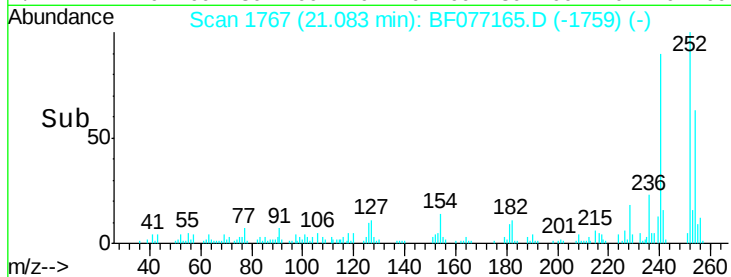
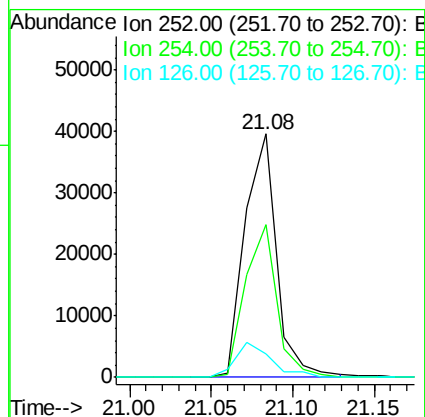
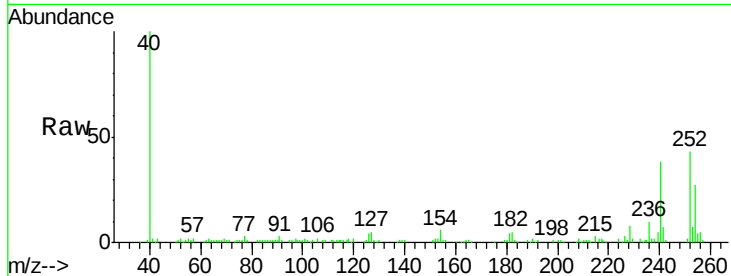




#81
 3,3'-Dichlorobenzidine
 Concen: 31.49 ng
 RT: 21.08 min Scan# 1767
 Delta R.T. -0.01 min
 Lab File: BF077165.D
 Acq: 3 Feb 2015 17:09

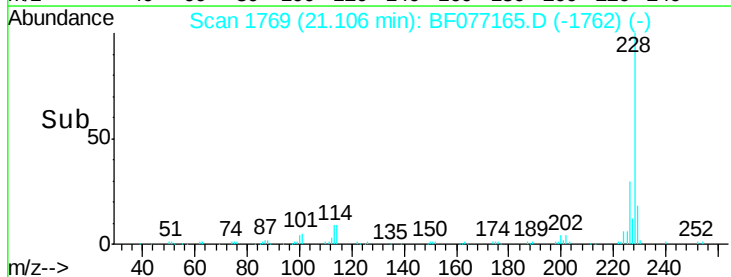
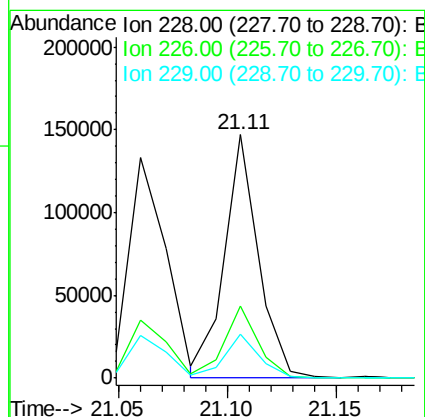
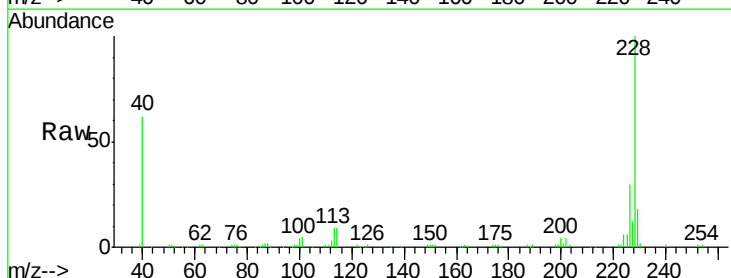
Instrument :
 BNA_F
 ClientSampleId :

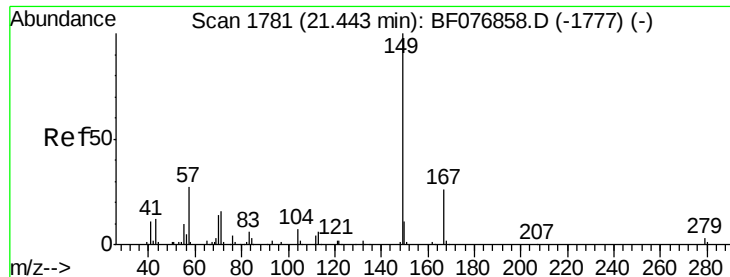
Tot Ion:252 Resp: 53364
 Ion Ratio Lower Upper
 252 100
 254 62.7 50.2 75.4
 126 9.7 11.5 17.3#



#82
 Chrysene
 Concen: 32.46 ng
 RT: 21.11 min Scan# 1769
 Delta R.T. -0.02 min
 Lab File: BF077165.D
 Acq: 3 Feb 2015 17:09

Tgt Ion:228 Resp: 157852
 Ion Ratio Lower Upper
 228 100
 226 29.7 23.4 35.0
 229 18.2 15.4 23.0

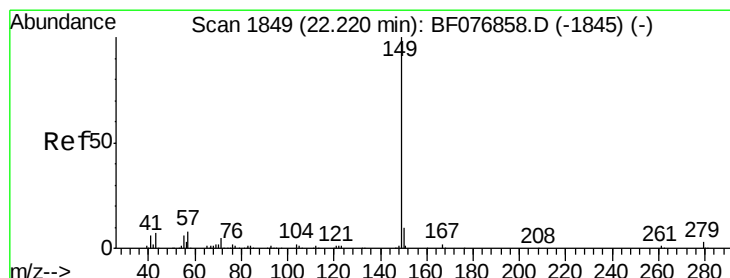
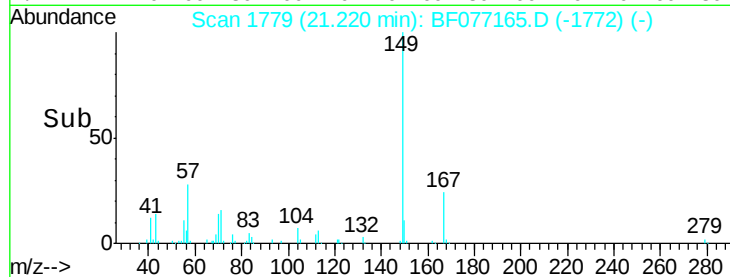
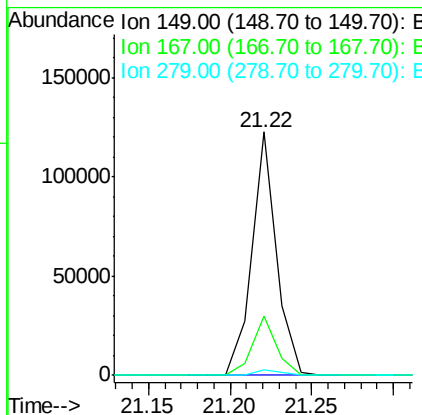
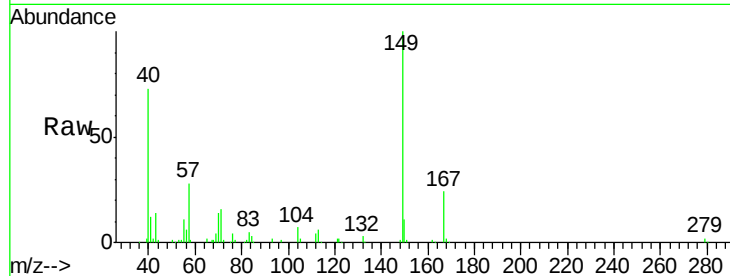




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.14 ng
 RT: 21.22 min Scan# 1779
 Delta R.T. -0.02 min
 Lab File: BF077165.D
 Acq: 3 Feb 2015 17:09

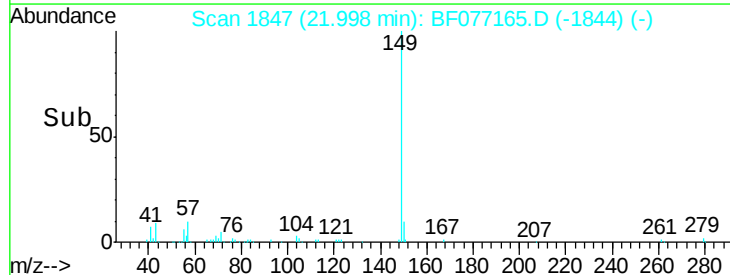
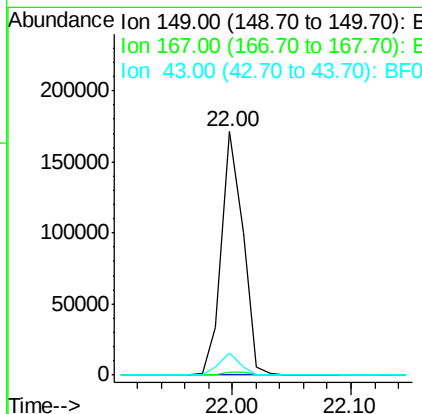
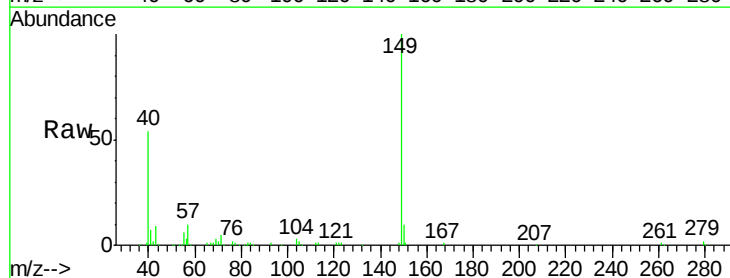
Instrument :
 BNA_F
 ClientSampleId :

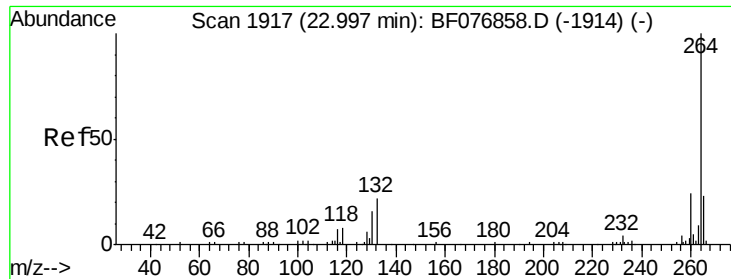
Tot Ion:149 Resp: 128254
 Ion Ratio Lower Upper
 149 100
 167 24.4 20.6 30.8
 279 2.1 2.2 3.2#



#84
 Di-n-octyl phthalate
 Concen: 33.96 ng
 RT: 22.00 min Scan# 1847
 Delta R.T. -0.07 min
 Lab File: BF077165.D
 Acq: 3 Feb 2015 17:09

Tgt Ion:149 Resp: 215134
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.1 1.7
 43 8.8 6.6 10.0



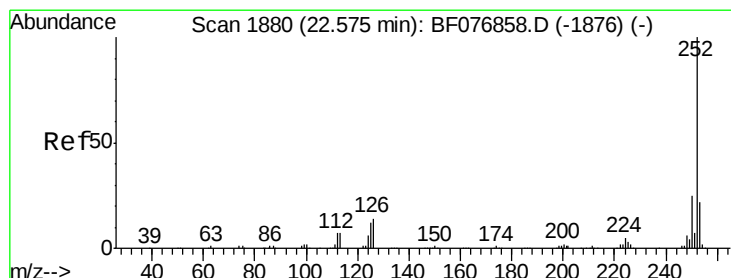
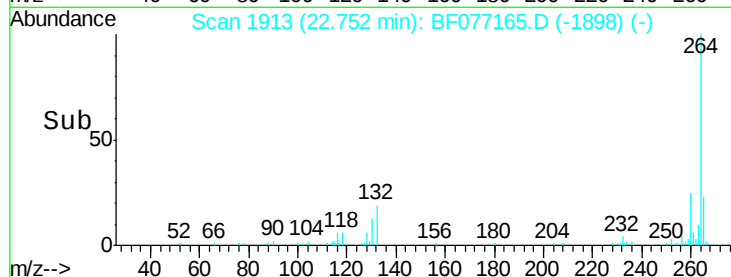
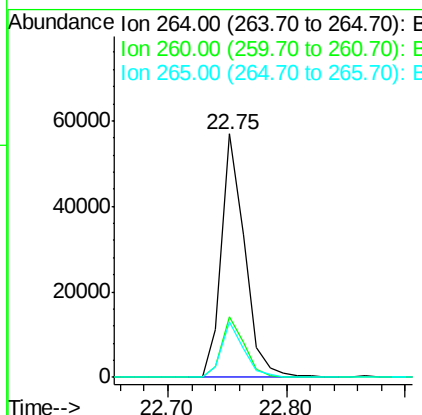
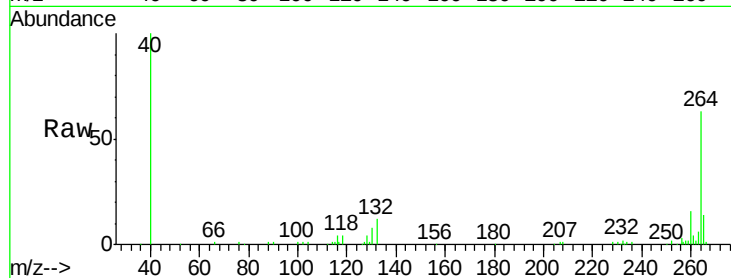


#86
Pervlene-d12
Concen: 20.00 ng
RT: 22.75 min Scan# 1913
Delta R.T. -0.13 min
Lab File: BF077165.D
Acq: 3 Feb 2015 17:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 77492

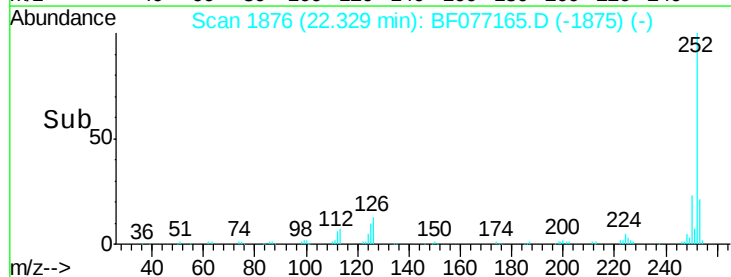
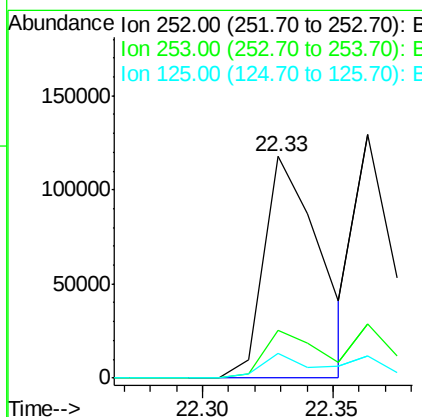
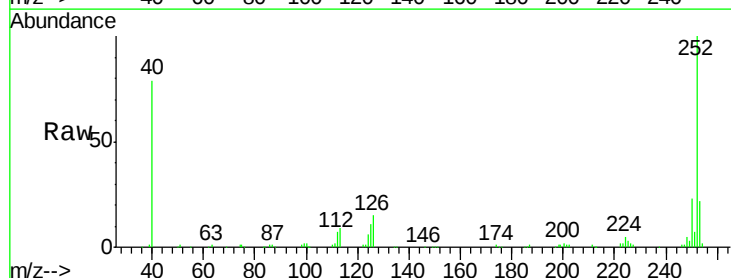
Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.0	28.4
265	22.6	18.1	27.1

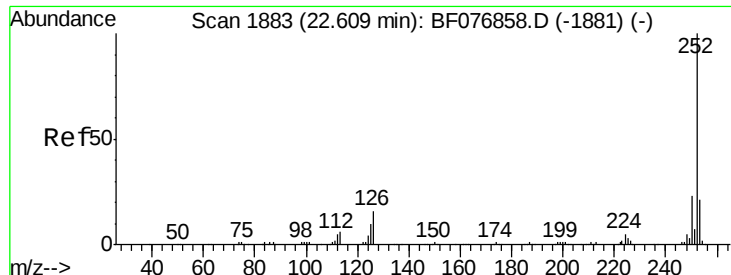


#87
Benzo(b)fluoranthene
Concen: 33.62 ng
RT: 22.33 min Scan# 1876
Delta R.T. -0.09 min
Lab File: BF077165.D
Acq: 3 Feb 2015 17:09

Tgt Ion:252 Resp: 175455

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	11.4	9.4	14.0

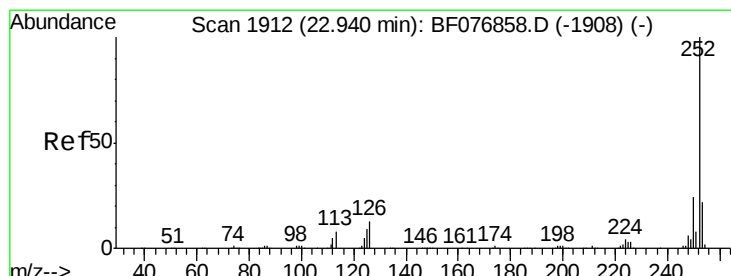
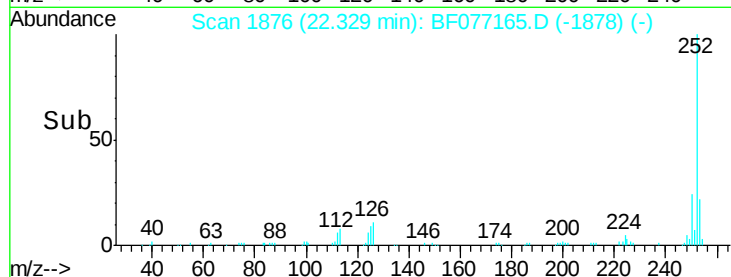
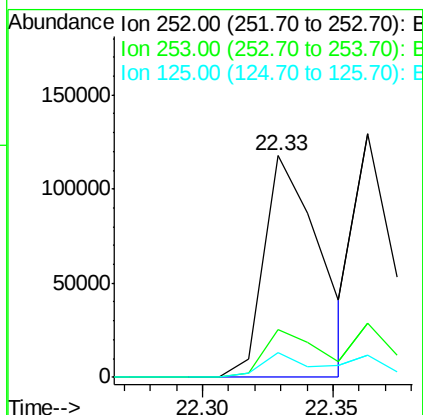
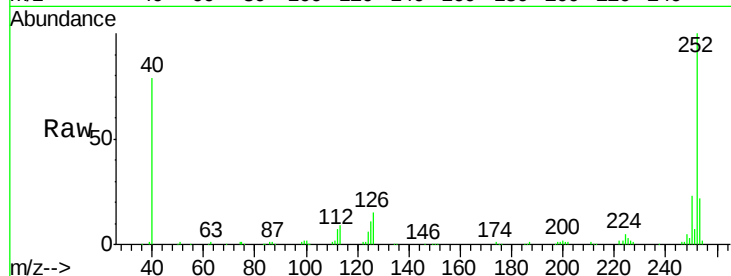




#88
Benzo(k)fluoranthene
Concen: 38.48 ng
RT: 22.33 min Scan# 1876
Delta R.T. -0.13 min
Lab File: BF077165.D
Acq: 3 Feb 2015 17:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 175455
Ion Ratio Lower Upper
252 100
253 21.5 17.2 25.8
125 11.4 7.1 10.7#



#89
Benzo(a)pyrene
Concen: 31.80 ng
RT: 22.69 min Scan# 1908
Delta R.T. -0.11 min
Lab File: BF077165.D
Acq: 3 Feb 2015 17:09

Tgt Ion:252 Resp: 146398
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 9.6 7.2 10.8

