

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022715\
 Data File : BF077514.D
 Acq On : 27 Feb 2015 19:31
 Operator : TP/IZ
 Sample : PB81918BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81918BS

Quant Time: Feb 28 00:49:48 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 27 22:28:54 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	96464	20.00	ng	0.00
21) Naphthalene-d8	8.84	136	393160	20.00	ng	0.00
38) Acenaphthene-d10	11.01	164	206348	20.00	ng	0.00
63) Phenanthrene-d10	12.85	188	401044	20.00	ng	0.00
75) Chrysene-d12	16.15	240	396533	20.00	ng	0.00
86) Perylene-d12	17.93	264	397908	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.55	112	547696	94.79	ng	0.00
7) Phenol-d6	6.82	99	710264	95.60	ng	0.00
23) Nitrobenzene-d5	7.95	82	405385	64.12	ng	0.00
41) 2,4,6-Tribromophenol	11.99	330	199627	100.47	ng	0.00
44) 2-Fluorobiphenyl	10.18	172	897656	67.83	ng	0.00
78) Terphenyl-d14	14.85	244	1102035	64.97	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.20	88	59281	24.18	ng	98
3) Pyridine	2.95	79	178761	25.48	ng	98
4) n-Nitrosodimethylamine	2.85	42	86252	28.28	ng	100
6) Aniline	6.84	93	181493	17.68	ng	# 77
8) 2-Chlorophenol	6.99	128	208634	30.61	ng	91
9) Benzaldehyde	6.70	77	49829	11.05	ng	95
10) Phenol	6.83	94	244923	27.78	ng	89
11) bis(2-Chloroethyl)ether	6.95	93	183046	28.90	ng	88
12) 1,3-Dichlorobenzene	7.18	146	218524	29.44	ng	# 92
13) 1,4-Dichlorobenzene	7.28	146	211706	28.04	ng	96
14) 1,2-Dichlorobenzene	7.46	146	200595	27.93	ng	96
15) Benzyl Alcohol	7.44	79	166604	29.50	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.62	45	274073	30.27	ng	97
17) 2-Methylphenol	7.58	107	170435	31.99	ng	98
18) Hexachloroethane	7.88	117	75184	29.81	ng	90
19) n-Nitroso-di-n-propylamine	7.77	70	146690	31.09	ng	# 91
20) 3+4-Methylphenols	7.78	107	219232	31.24	ng	# 78
22) Acetophenone	7.77	105	289317	31.28	ng	# 89
24) Nitrobenzene	7.97	77	210135	31.59	ng	88
25) Isophorone	8.27	82	389090	31.02	ng	94
26) 2-Nitrophenol	8.37	139	93995	34.48	ng	# 87
27) 2,4-Dimethylphenol	8.43	122	201638	33.06	ng	98
28) bis(2-Chloroethoxy)methane	8.55	93	253593	32.00	ng	99
29) 2,4-Dichlorophenol	8.66	162	174078	30.40	ng	88
30) 1,2,4-Trichlorobenzene	8.77	180	184356	29.29	ng	97
31) Naphthalene	8.86	128	607962	30.92	ng	99
32) Benzoic acid	8.52	122	96360	32.51	ng	98
33) 4-Chloroaniline	8.93	127	149424	17.09	ng	# 94
34) Hexachlorobutadiene	9.02	225	103924	28.92	ng	97
35) Caprolactam	9.36	113	54121	30.96	ng	98
36) 4-Chloro-3-methylphenol	9.54	107	184293	32.02	ng	98
37) 2-Methylnaphthalene	9.72	142	438678	31.42	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.93	216	197515	33.36	ng	99
40) Hexachlorocyclopentadiene	9.91	237	207627	65.40	ng	98

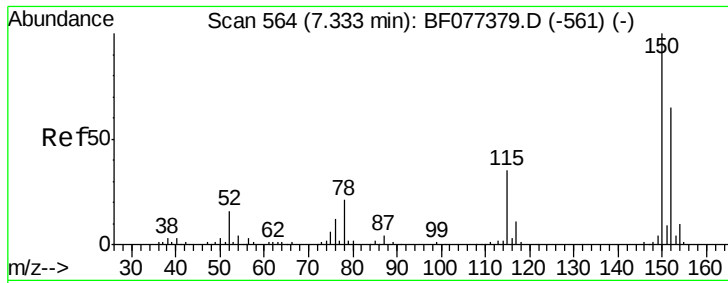
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022715\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.07	196	128116	32.67	nq	97
43) 2,4,5-Trichlorophenol	10.11	196	138284	32.98	nq	# 83
45) 1,1'-Biphenyl	10.30	154	523517	33.49	nq	99
46) 2-Chloronaphthalene	10.32	162	399788	32.61	nq	93
47) 2-Nitroaniline	10.45	65	115904	38.40	nq	# 71
48) Acenaphthylene	10.83	152	632351	32.58	nq	99
49) Dimethylphthalate	10.69	163	500910	34.53	nq	98
50) 2,6-Dinitrotoluene	10.76	165	106622	36.65	nq	# 75
51) Acenaphthene	11.05	154	375408	32.41	nq	100
52) 3-Nitroaniline	10.96	138	74947	22.35	nq	90
53) 2,4-Dinitrophenol	11.10	184	65431	73.92	nq	# 60
54) Dibenzofuran	11.27	168	595647	33.31	nq	100
55) 4-Nitrophenol	11.17	139	167684	62.16	nq	# 66
56) 2,4-Dinitrotoluene	11.26	165	132725	33.77	nq	# 77
57) Fluorene	11.69	166	475988	33.29	nq	98
58) 2,3,4,6-Tetrachlorophenol	11.42	232	117574	34.88	nq	95
59) Diethylphthalate	11.57	149	495365	34.64	nq	96
60) 4-Chlorophenyl-phenylether	11.70	204	229952	33.38	nq	97
61) 4-Nitroaniline	11.71	138	106351	33.09	nq	96
62) Azobenzene	11.89	77	471242	34.73	nq	98
64) 4,6-Dinitro-2-methylphenol	11.76	198	49821	32.44	nq	74
65) n-Nitrosodiphenylamine	11.85	169	439460	33.03	nq	100
66) 4-Bromophenyl-phenylether	12.31	248	140404	29.90	nq	97
67) Hexachlorobenzene	12.36	284	149866	29.73	nq	98
68) Atrazine	12.52	200	139974	32.36	nq	93
69) Pentachlorophenol	12.61	266	170026	64.18	nq	99
70) Phenanthrene	12.88	178	670936	28.86	nq	99
71) Anthracene	12.94	178	716712	31.07	nq	99
72) Carbazole	13.15	167	666937	30.41	nq	100
73) Di-n-butylphthalate	13.60	149	812808	31.56	nq	# 97
74) Fluoranthene	14.36	202	754592	29.72	nq	96
76) Benzidine	14.54	184	378787	28.27	nq	98
77) Pyrene	14.64	202	774419	31.93	nq	99
79) Butylbenzylphthalate	15.47	149	332907	33.36	nq	99
80) Benzo(a)anthracene	16.14	228	701283	30.18	nq	99
81) 3,3'-Dichlorobenzidine	16.11	252	161791	19.00	nq	# 95
82) Chrysene	16.18	228	662565	30.36	nq	99
83) Bis(2-ethylhexyl)phthalate	16.20	149	523795	32.73	nq	98
84) Di-n-octyl phthalate	17.01	149	880631	32.96	nq	99
85) Indeno(1,2,3-cd)pyrene	19.39	276	796212m	32.00	nq	
87) Benzo(b)fluoranthene	17.47	252	695499m	30.06	nq	
88) Benzo(k)fluoranthene	17.50	252	679357	29.96	nq	# 95
89) Benzo(a)pyrene	17.86	252	667377	30.28	nq	99
90) Dibenzo(a,h)anthracene	19.41	278	657999	31.31	nq	99
91) Benzo(g,h,i)perylene	19.81	276	651891	30.73	nq	97

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

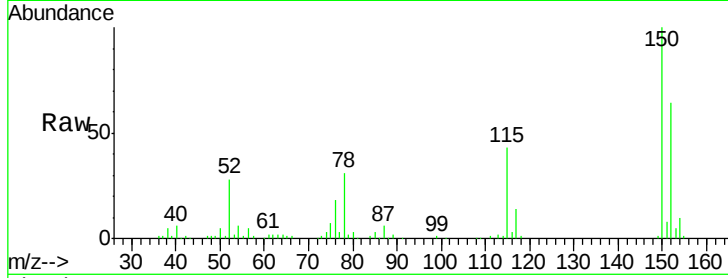


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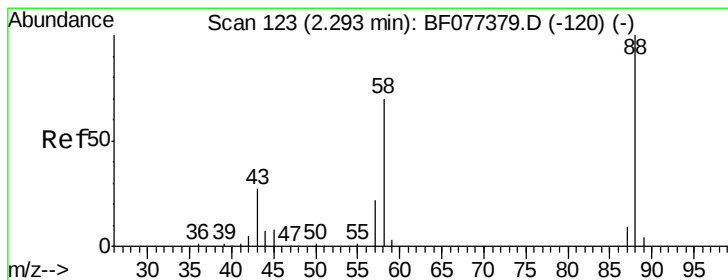
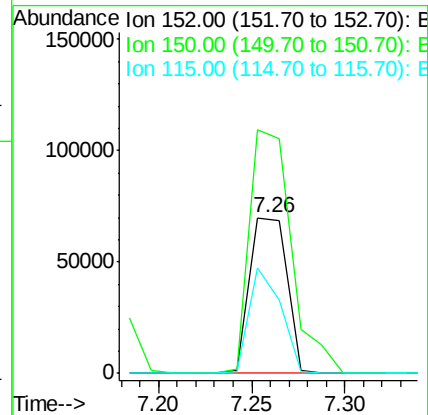
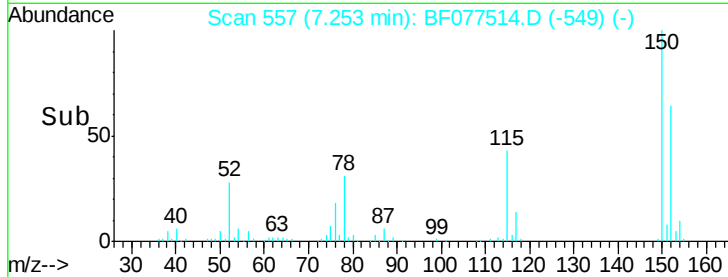
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.26 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF077514.D
Acq: 27 Feb 2015 19:31

Instrument :
BNA_F
ClientSampleId :
PB81918BS

Tot Ion:152 Resp: 96464
Ion Ratio Lower Upper
152 100
150 156.3 124.0 186.0
115 67.5 49.4 74.2



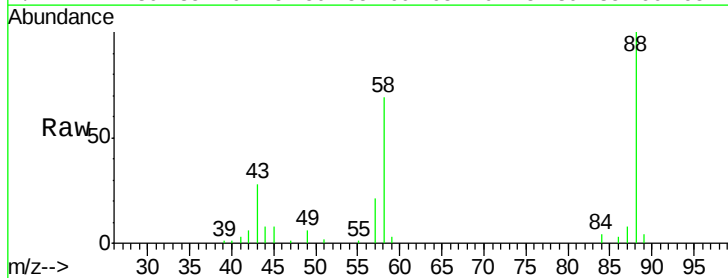
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



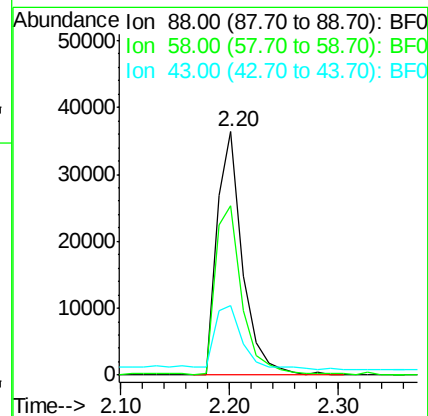
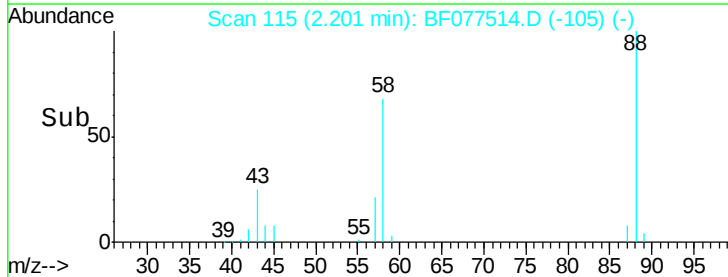
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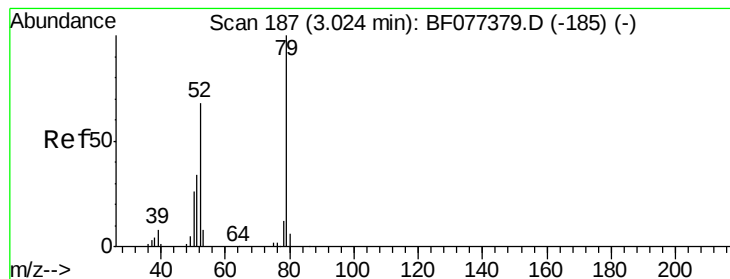
1,4-Dioxane
Concen: 24.18 ng
RT: 2.20 min Scan# 115
Delta R.T. 0.02 min
Lab File: BF077514.D
Acq: 27 Feb 2015 19:31

Tgt Ion: 88 Resp: 59281
Ion Ratio Lower Upper
88 100
58 75.4 62.1 93.1
43 29.6 24.0 36.0



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: 25.48 ng

RT: 2.95 min Scan# 180

Delta R.T. 0.02 min

Lab File: BF077514.D

Acq: 27 Feb 2015 19:31

Instrument :

BNA_F

ClientSampleId :

PB81918BS

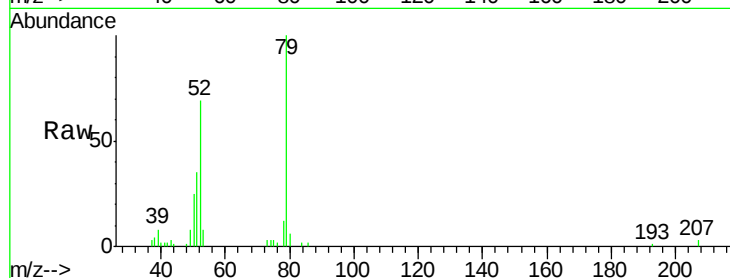
Tot Ion: 79 Resp: 178761

Ion Ratio Lower Upper

79 100

52 69.4 57.7 86.5

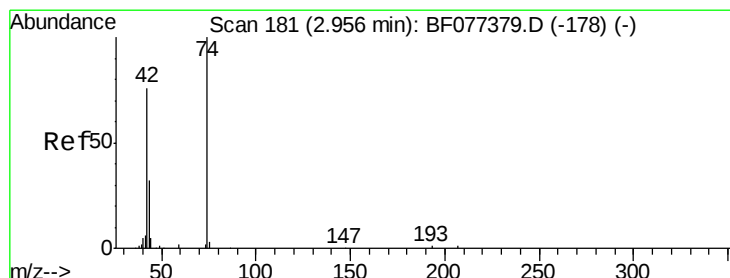
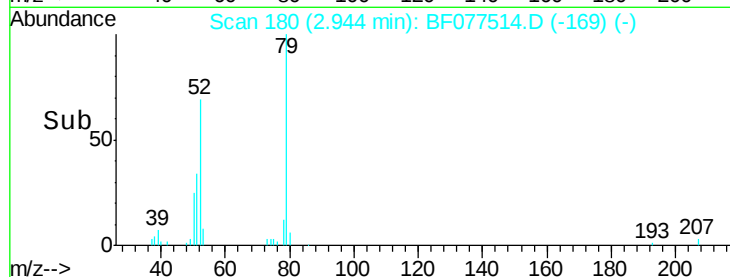
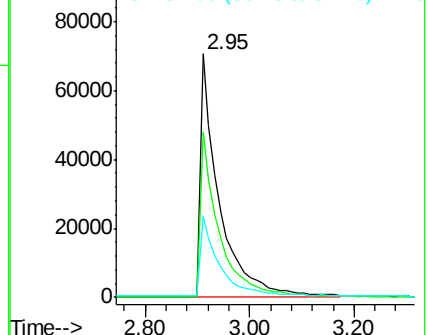
51 35.3 28.5 42.7



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 28.28 ng

RT: 2.85 min Scan# 172

Delta R.T. 0.02 min

Lab File: BF077514.D

Acq: 27 Feb 2015 19:31

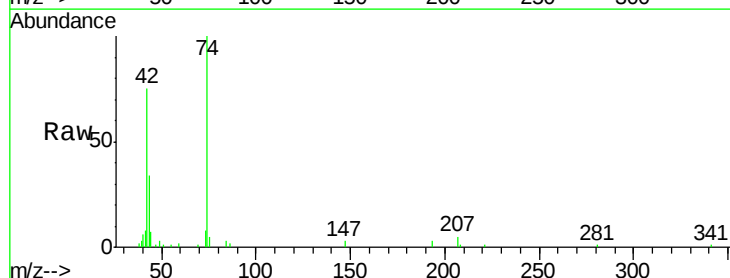
Tgt Ion: 42 Resp: 86252

Ion Ratio Lower Upper

42 100

74 133.7 107.1 160.7

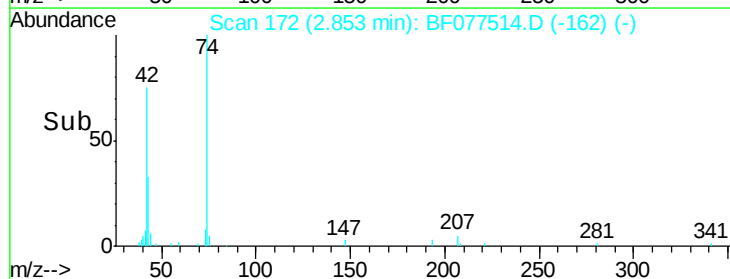
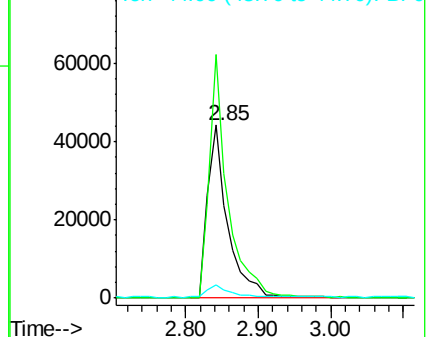
44 8.9 6.7 10.1

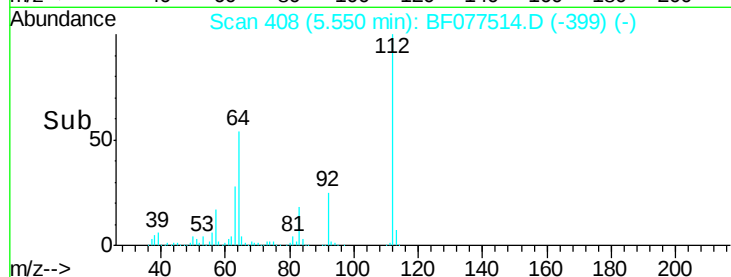
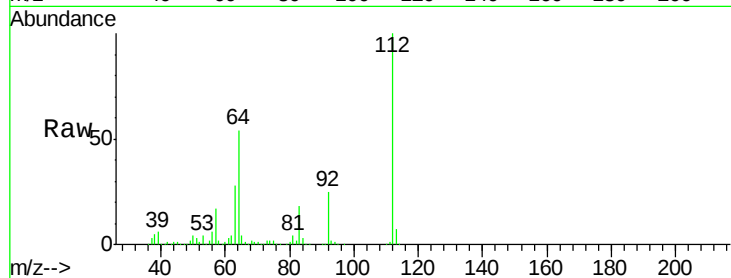
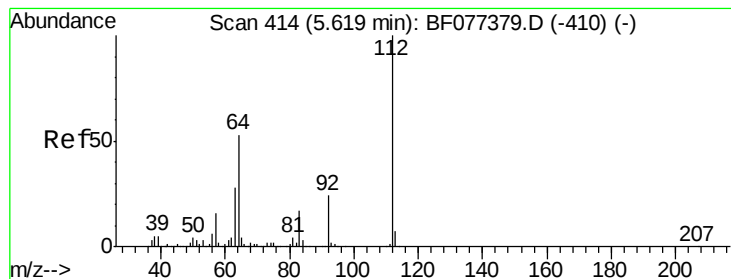


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 94.79 ng

RT: 5.55 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF077514.D

Acq: 27 Feb 2015 19:31

Instrument :

BNA_F

ClientSampleId :

PB81918BS

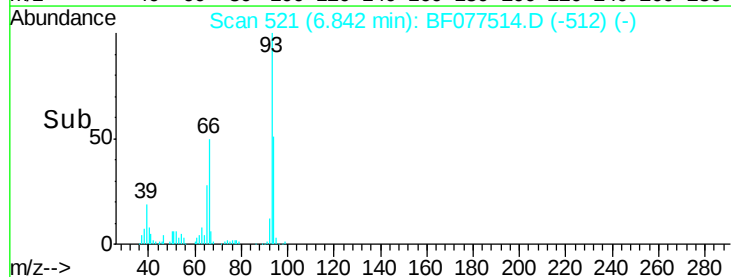
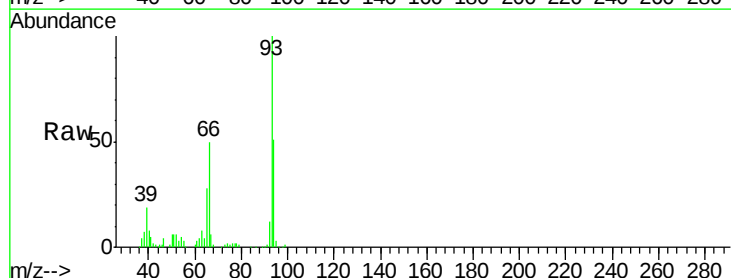
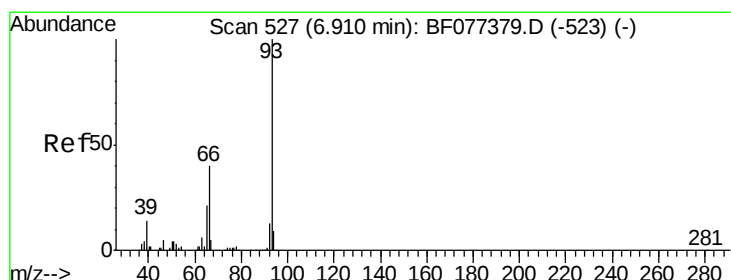
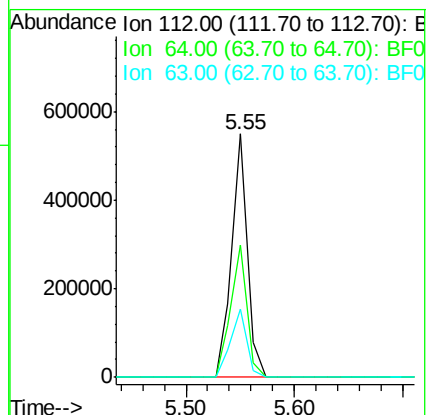
Tot Ion:112 Resp: 547696

Ion Ratio Lower Upper

112 100

64 54.3 48.5 72.7

63 28.1 25.0 37.4



#6

Aniline

Concen: 17.68 ng

RT: 6.84 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF077514.D

Acq: 27 Feb 2015 19:31

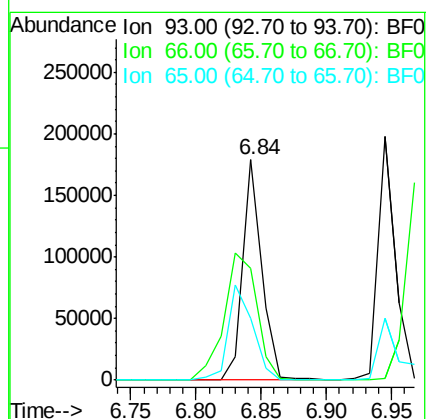
Tgt Ion: 93 Resp: 181493

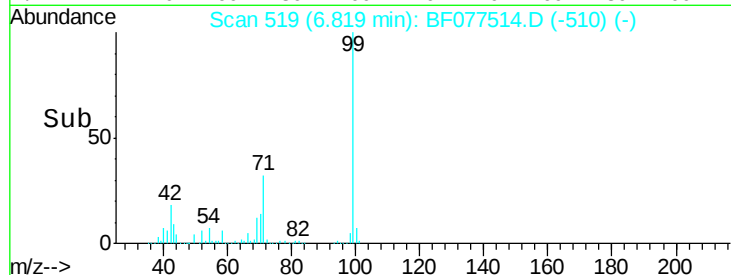
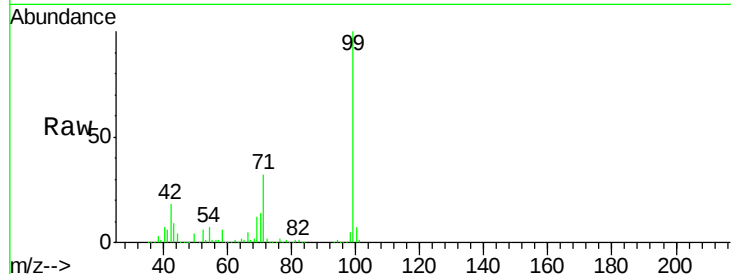
Ion Ratio Lower Upper

93 100

66 50.5 29.1 43.7#

65 28.1 14.6 22.0#





#7

Phenol-d6

Concen: 95.60 ng

RT: 6.82 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF077514.D

Acq: 27 Feb 2015 19:31

Instrument :

BNA_F

ClientSampleId :

PB81918BS

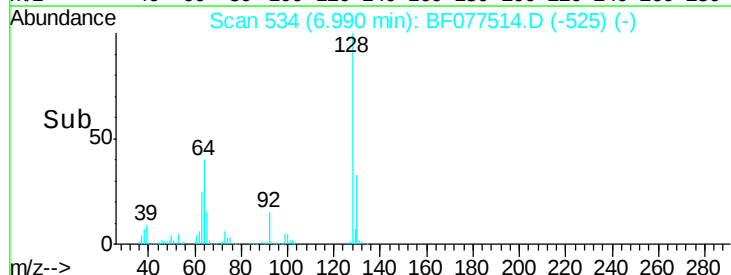
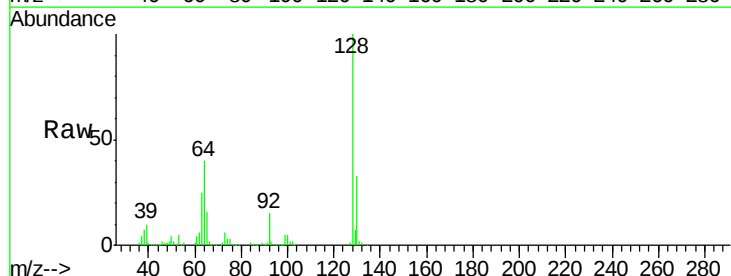
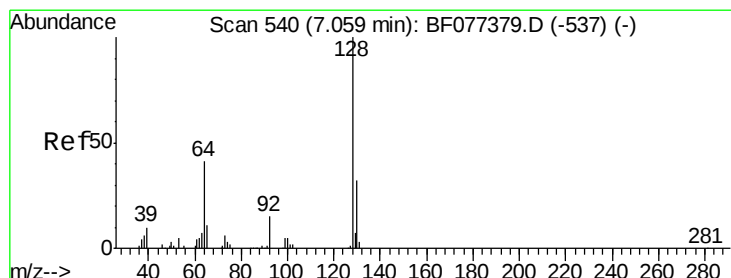
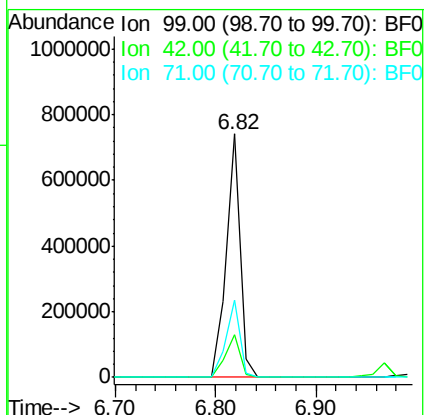
Tot Ion: 99 Resp: 710264

Ion Ratio Lower Upper

99 100

42 17.6 16.2 24.4

71 31.9 26.7 40.1



#8

2-Chlorophenol

Concen: 30.61 ng

RT: 6.99 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF077514.D

Acq: 27 Feb 2015 19:31

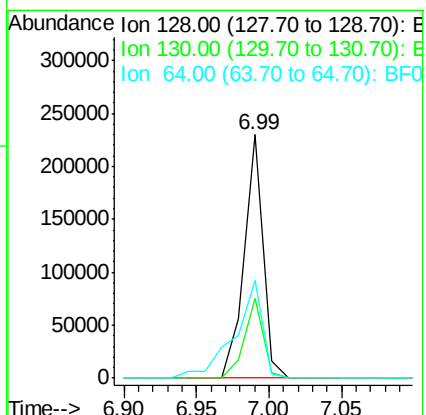
Tgt Ion: 128 Resp: 208634

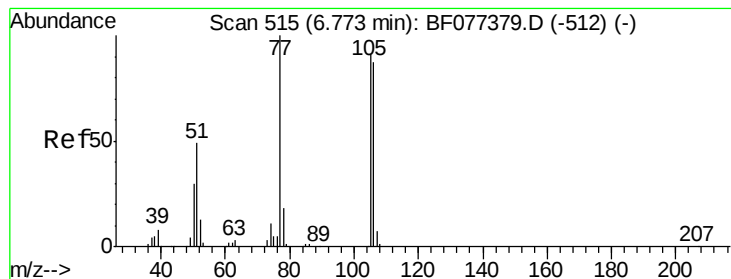
Ion Ratio Lower Upper

128 100

130 33.0 12.0 52.0

64 40.3 29.2 69.2





#9

Benzaldehyde

Concen: 11.05 ng

RT: 6.70 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF077514.D

Acq: 27 Feb 2015 19:31

Instrument :

BNA_F

ClientSampleId :

PB81918BS

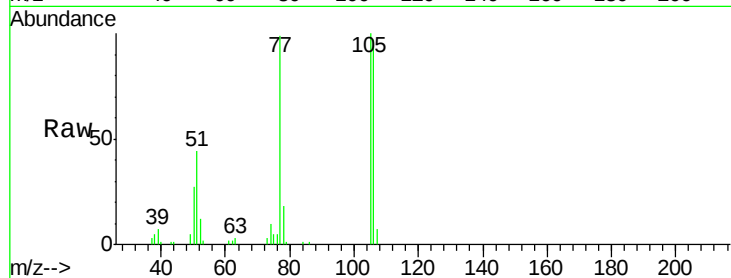
Tot Ion: 77 Resp: 49829

Ion Ratio Lower Upper

77 100

105 100.7 85.9 125.9

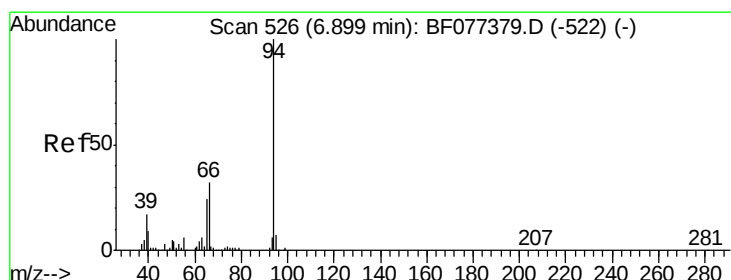
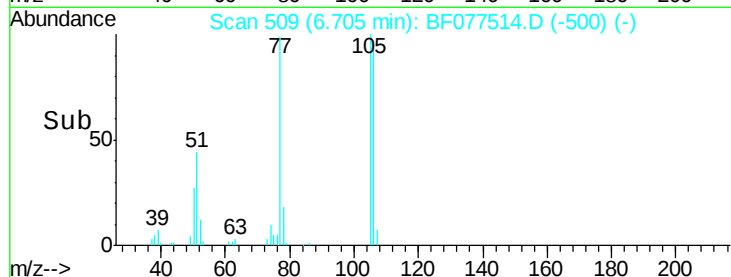
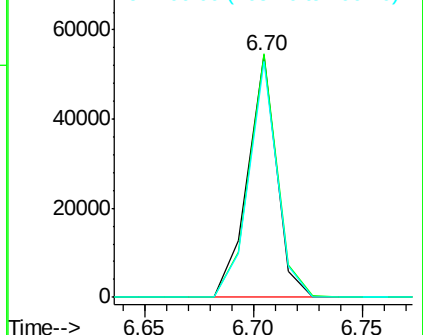
106 97.8 82.9 122.9



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: 27.78 ng

RT: 6.83 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF077514.D

Acq: 27 Feb 2015 19:31

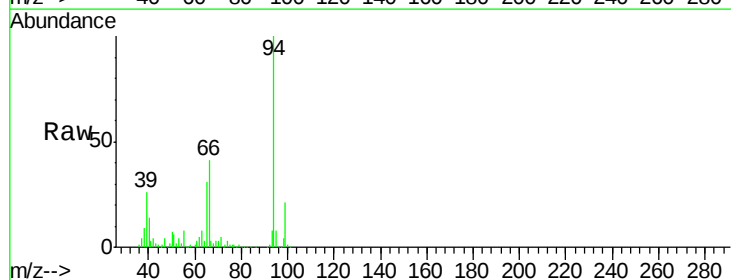
Tgt Ion: 94 Resp: 244923

Ion Ratio Lower Upper

94 100

65 30.7 5.7 45.7

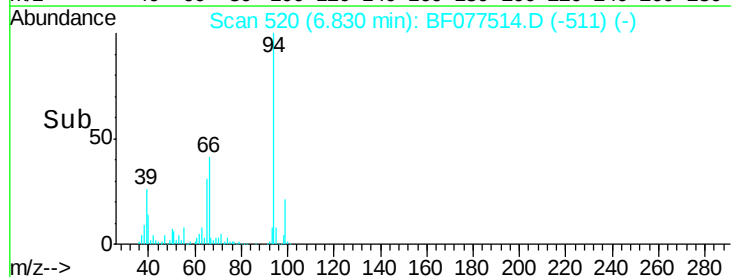
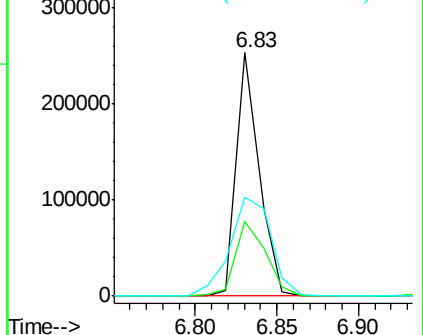
66 40.8 13.6 53.6



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 28.90 ng

RT: 6.95 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF077514.D

Acq: 27 Feb 2015 19:31

Instrument :

BNA_F

ClientSampleId :

PB81918BS

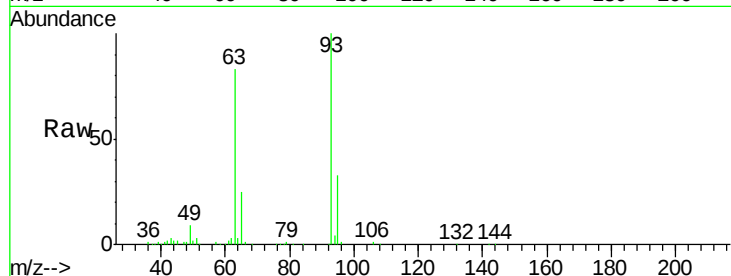
Tot Ion: 93 Resp: 183046

Ion Ratio Lower Upper

93 100

63 82.9 48.7 88.7

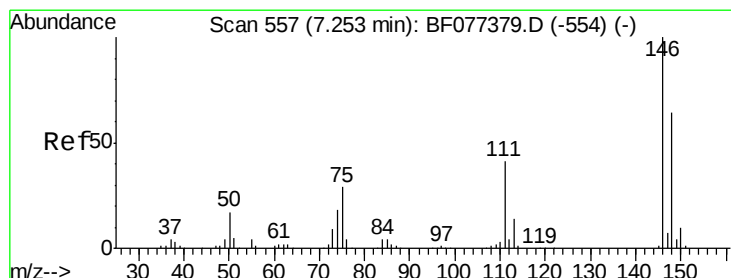
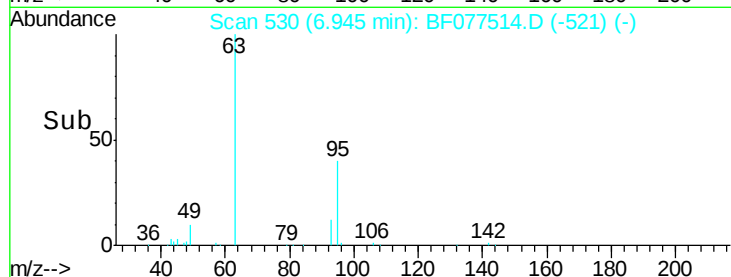
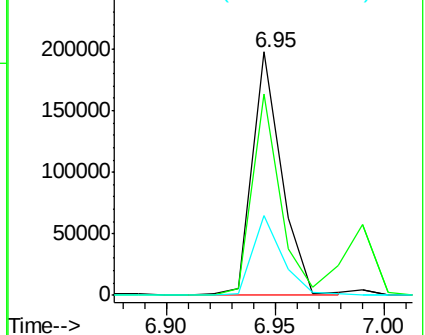
95 32.5 13.6 53.6



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 29.44 ng

RT: 7.18 min Scan# 551

Delta R.T. -0.00 min

Lab File: BF077514.D

Acq: 27 Feb 2015 19:31

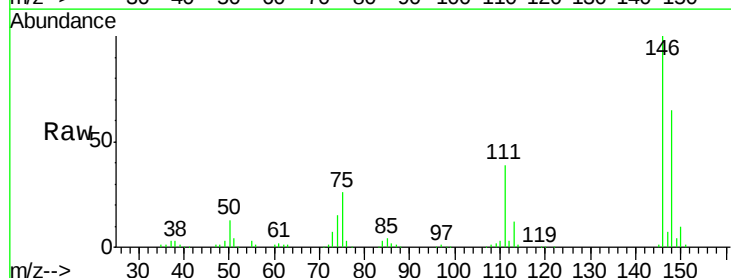
Tgt Ion: 146 Resp: 218524

Ion Ratio Lower Upper

146 100

148 65.1 49.8 74.8

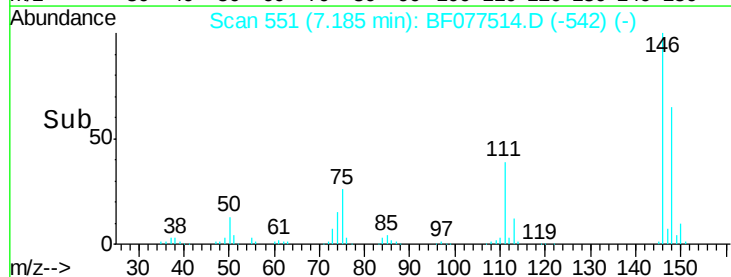
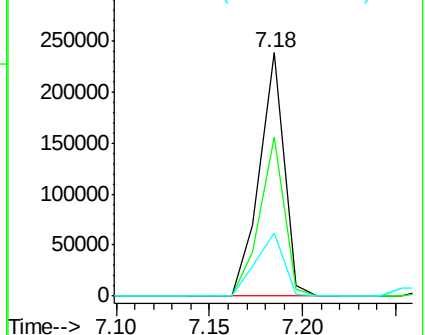
75 25.9 28.2 42.4#

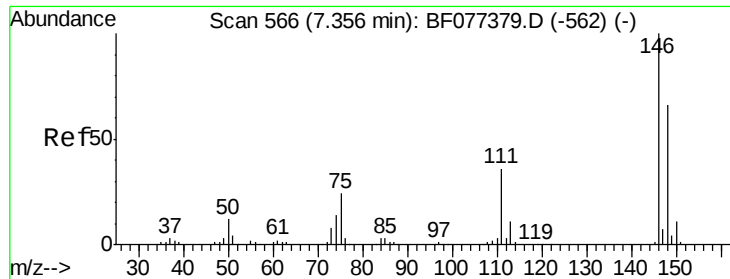


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

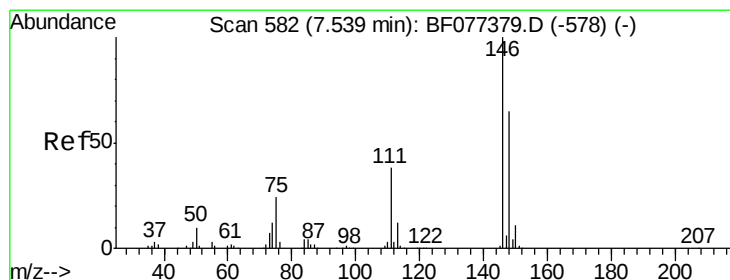
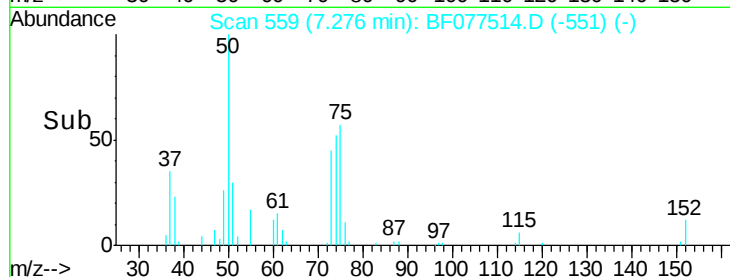
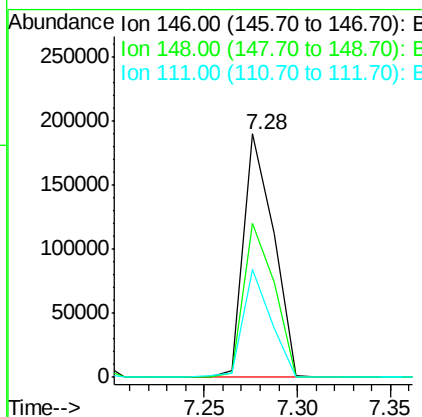
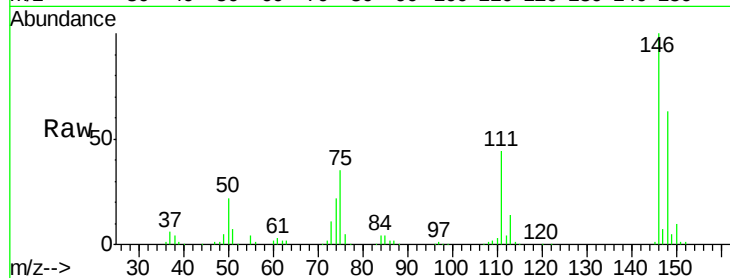




#13
 1,4-Dichlorobenzene
 Concen: 28.04 ng
 RT: 7.28 min Scan# 559
 Delta R.T. -0.00 min
 Lab File: BF077514.D
 Acq: 27 Feb 2015 19:31

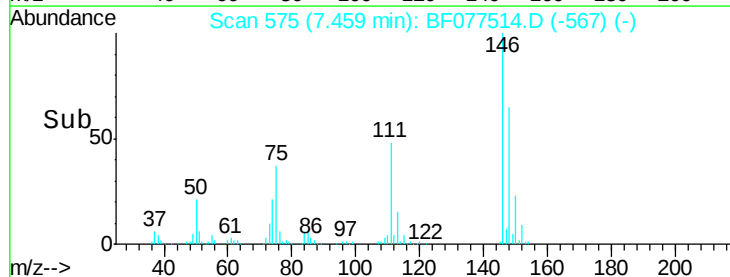
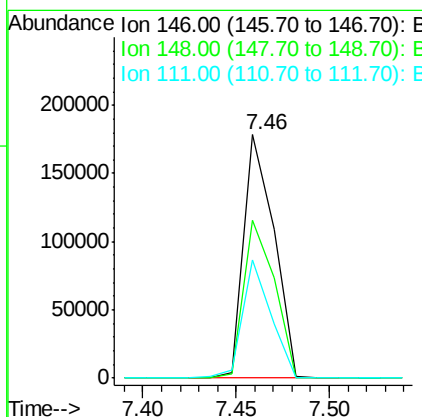
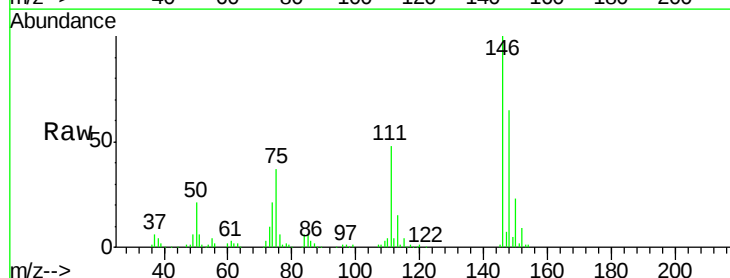
Instrument :
 BNA_F
 ClientSampleId :
 PB81918BS

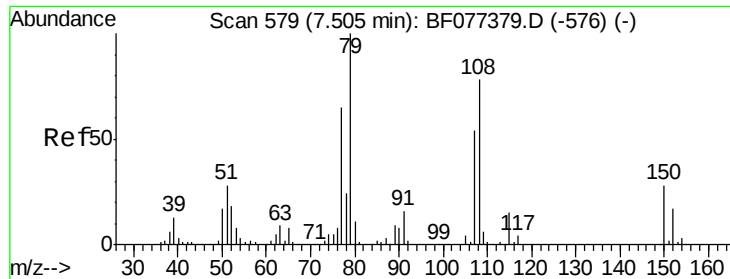
Tot Ion:146 Resp: 211706
 Ion Ratio Lower Upper
 146 100
 148 63.2 52.0 78.0
 111 44.1 31.9 47.9



#14
 1,2-Dichlorobenzene
 Concen: 27.93 ng
 RT: 7.46 min Scan# 575
 Delta R.T. -0.00 min
 Lab File: BF077514.D
 Acq: 27 Feb 2015 19:31

Tgt Ion:146 Resp: 200595
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.6 77.4
 111 48.4 34.2 51.2





#15

Benzyl Alcohol

Concen: 29.50 ng

RT: 7.44 min Scan# 573

Delta R.T. -0.00 min

Lab File: BF077514.D

Acq: 27 Feb 2015 19:31

Instrument :

BNA_F

ClientSampleId :

PB81918BS

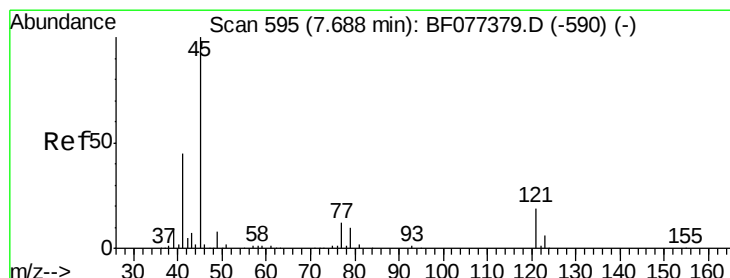
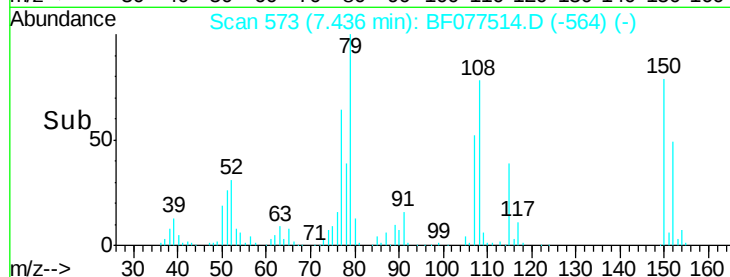
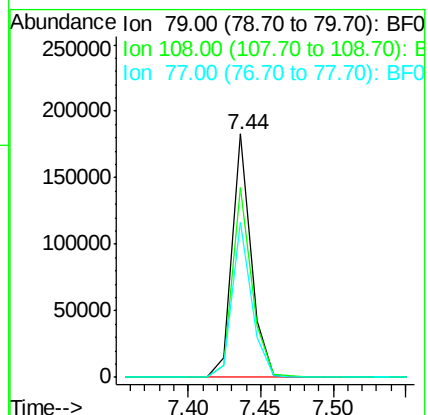
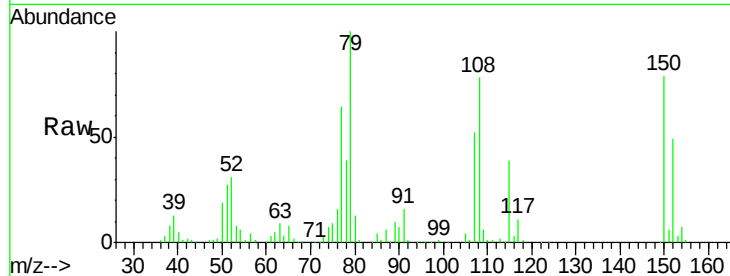
Tot Ion: 79 Resp: 166604

Ion Ratio Lower Upper

79 100

108 78.0 58.3 87.5

77 63.9 51.3 76.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.27 ng

RT: 7.62 min Scan# 589

Delta R.T. -0.00 min

Lab File: BF077514.D

Acq: 27 Feb 2015 19:31

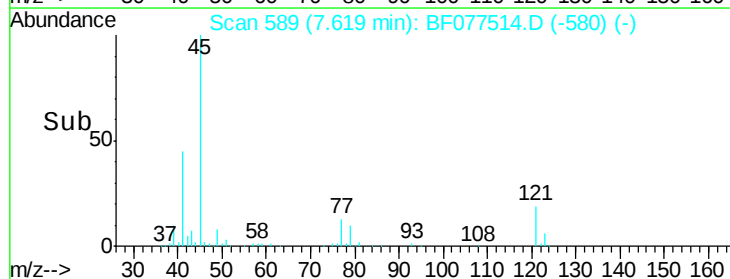
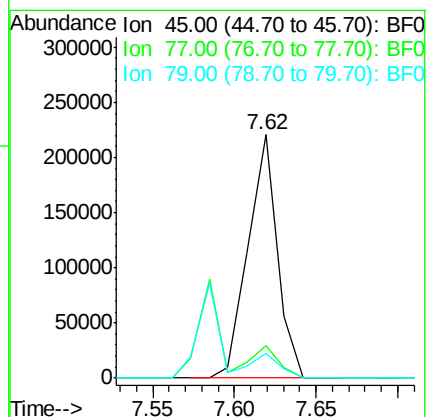
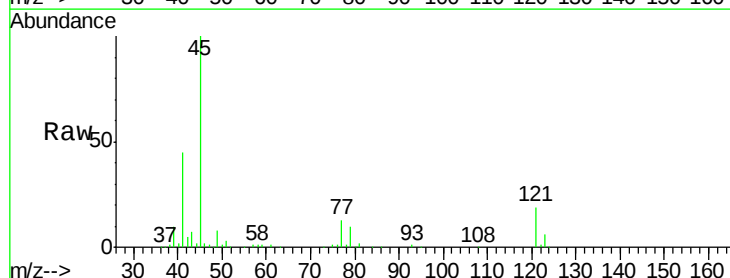
Tgt Ion: 45 Resp: 274073

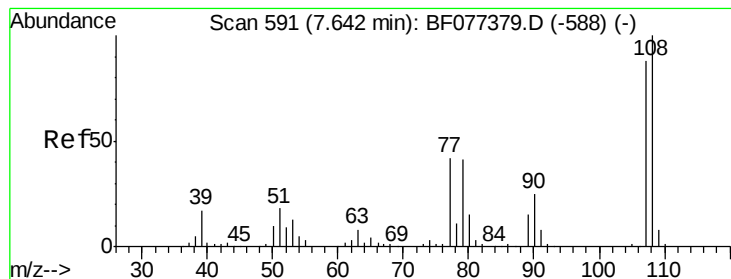
Ion Ratio Lower Upper

45 100

77 13.2 0.0 34.6

79 10.2 0.0 31.5





#17

2-Methylphenol

Concen: 31.99 ng

RT: 7.58 min Scan# 586

Delta R.T. -0.00 min

Lab File: BF077514.D

Acq: 27 Feb 2015 19:31

Instrument :

BNA_F

ClientSampleId :

PB81918BS

Tot Ion:107 Resp: 170435

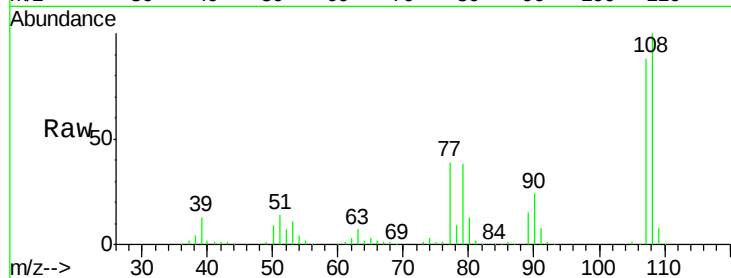
Ion Ratio Lower Upper

107 100

108 113.8 91.2 136.8

77 44.0 33.6 50.4

79 42.8 32.1 48.1

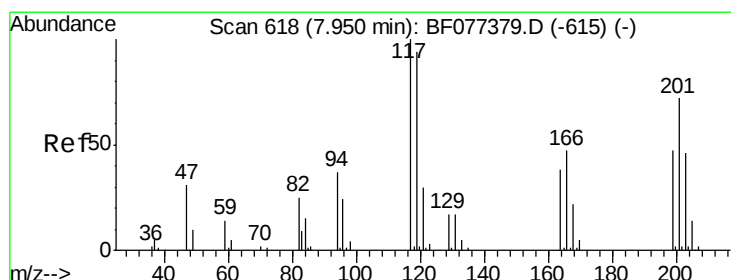
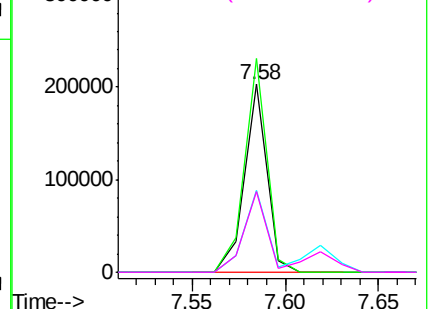
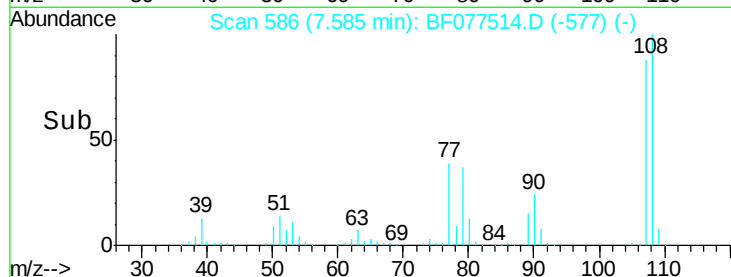


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 29.81 ng

RT: 7.88 min Scan# 612

Delta R.T. -0.00 min

Lab File: BF077514.D

Acq: 27 Feb 2015 19:31

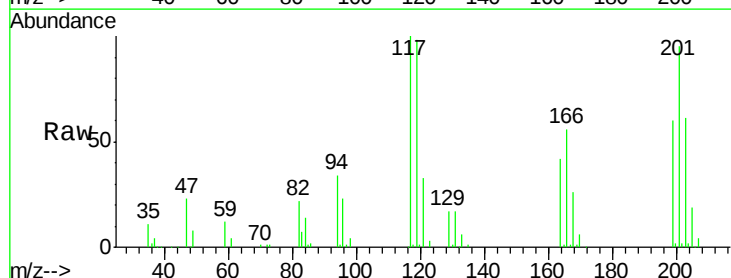
Tgt Ion:117 Resp: 75184

Ion Ratio Lower Upper

117 100

119 98.3 77.8 116.8

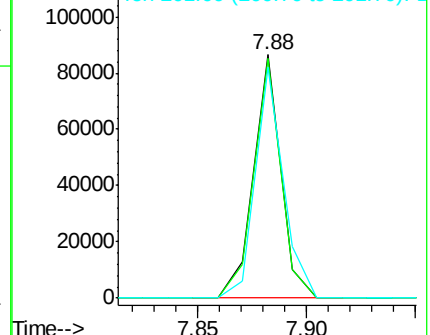
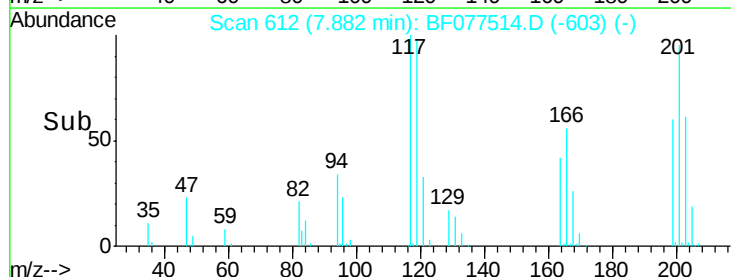
201 95.0 90.6 136.0

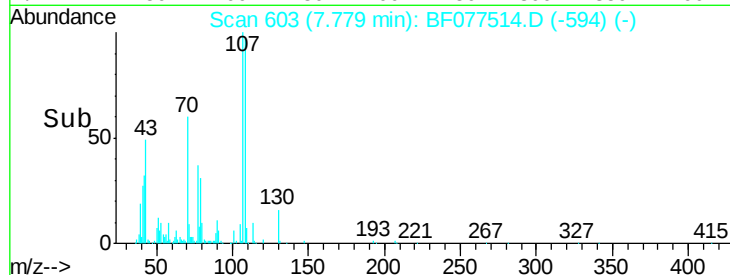
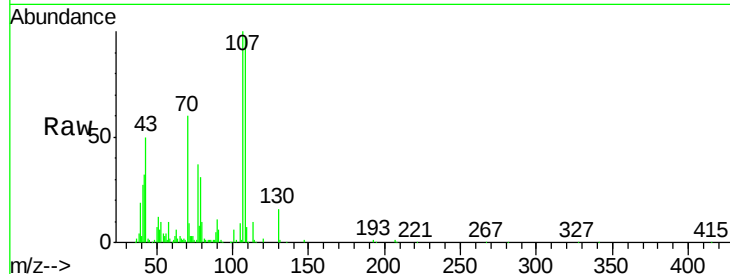
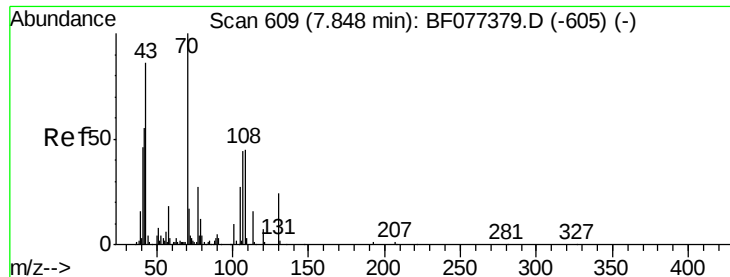


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

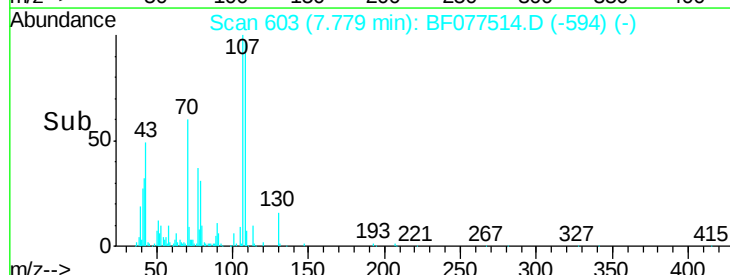
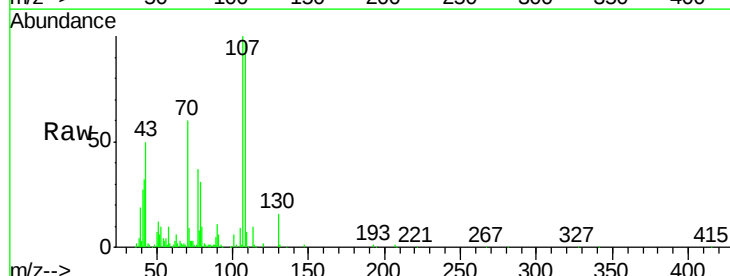
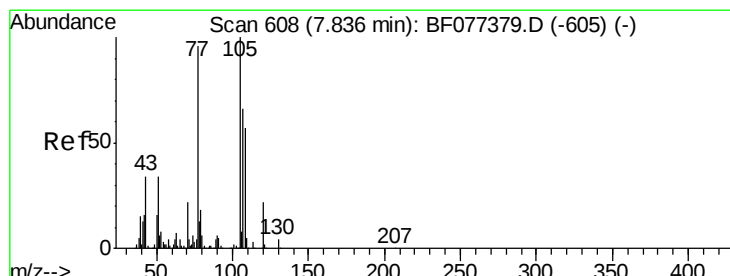
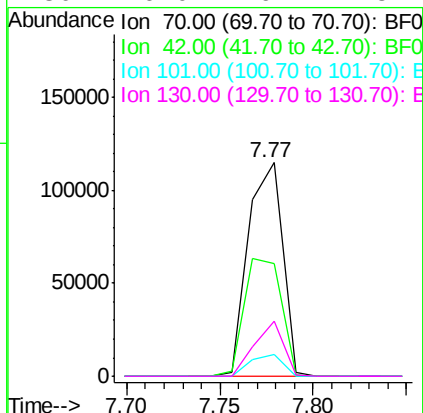




#19
n-Nitroso-di-n-propylamine
Concen: 31.09 ng
RT: 7.77 min Scan# 603
Delta R.T. -0.00 min
Lab File: BF077514.D
Acq: 27 Feb 2015 19:31

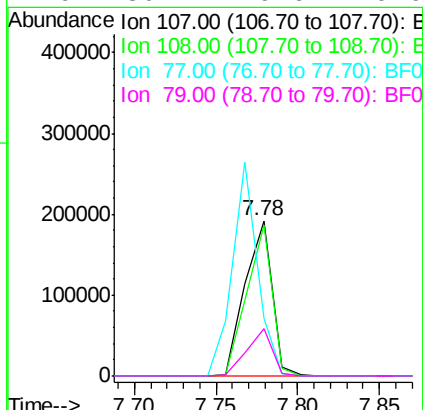
Instrument :
BNA_F
ClientSampleId :
PB81918BS

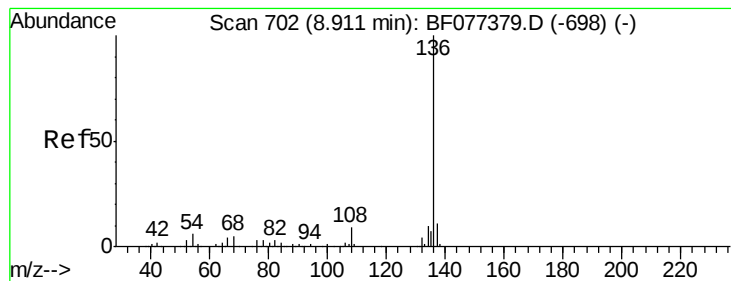
Tot Ion: 70 Resp: 146690
Ion Ratio Lower Upper
70 100
42 53.0 48.3 72.5
101 10.4 7.5 11.3
130 26.0 16.7 25.1#



#20
3+4-Methylphenols
Concen: 31.24 ng
RT: 7.78 min Scan# 603
Delta R.T. -0.00 min
Lab File: BF077514.D
Acq: 27 Feb 2015 19:31

Tgt Ion: 107 Resp: 219232
Ion Ratio Lower Upper
107 100
108 97.2 76.8 116.8
77 37.2 65.8 105.8#
79 30.7 9.6 49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.84 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF077514.D

Acq: 27 Feb 2015 19:31

Instrument :

BNA_F

ClientSampleId :

PB81918BS

Tot Ion:136 Resp: 393160

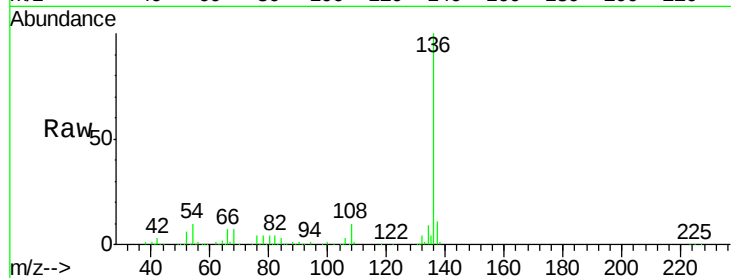
Ion Ratio Lower Upper

136 100

137 11.2 8.6 13.0

54 9.6 6.2 9.4#

68 7.1 5.0 7.6

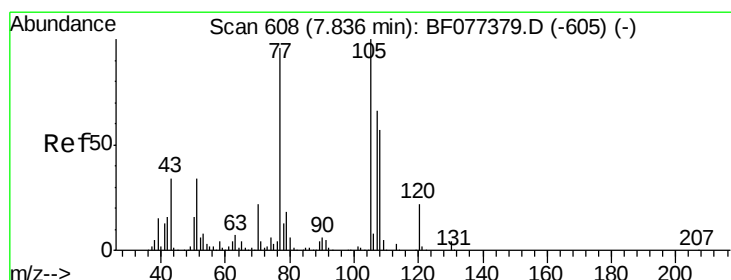
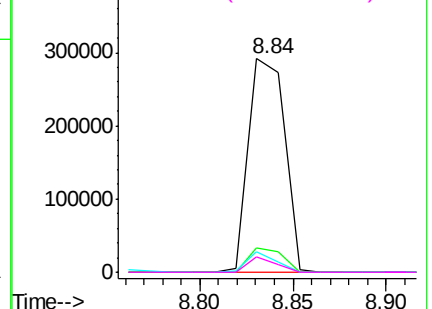
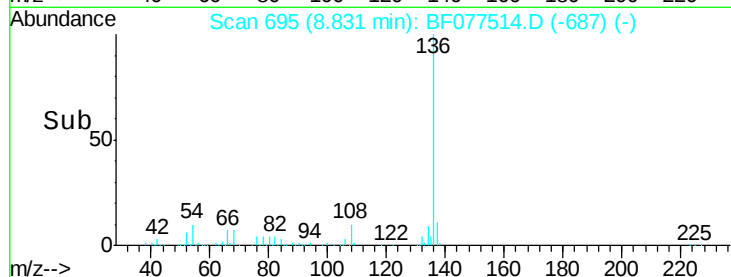


Abundance Ion 136.00 (135.70 to 136.70): E

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: 31.28 ng

RT: 7.77 min Scan# 602

Delta R.T. -0.00 min

Lab File: BF077514.D

Acq: 27 Feb 2015 19:31

Tgt Ion:105 Resp: 289317

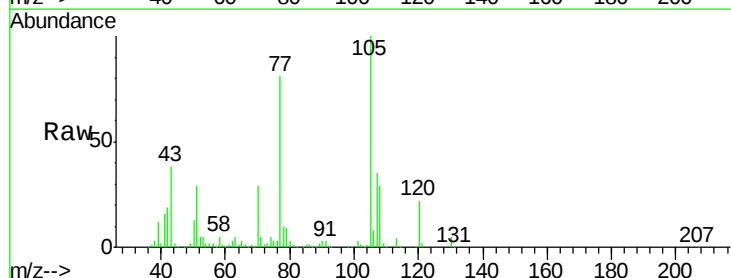
Ion Ratio Lower Upper

105 100

71 4.9 1.7 2.5#

51 29.1 30.7 46.1#

120 22.3 16.7 25.1

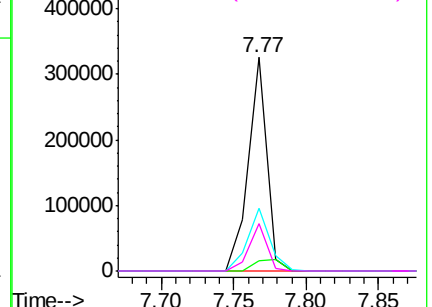
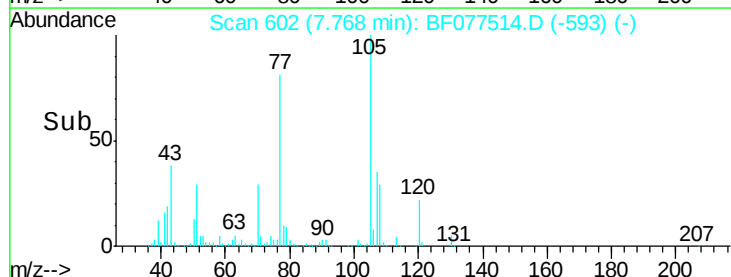


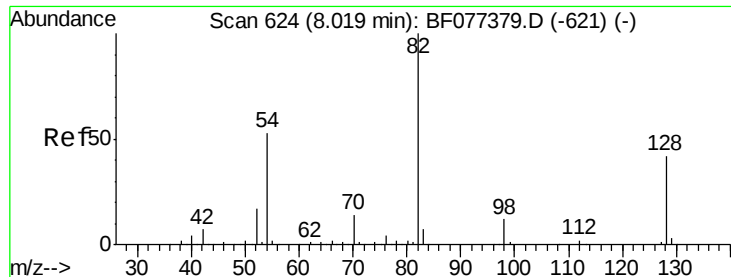
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

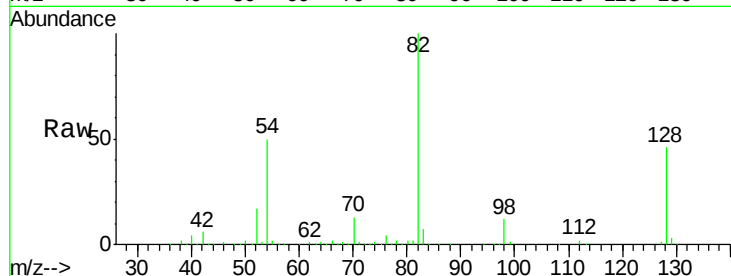




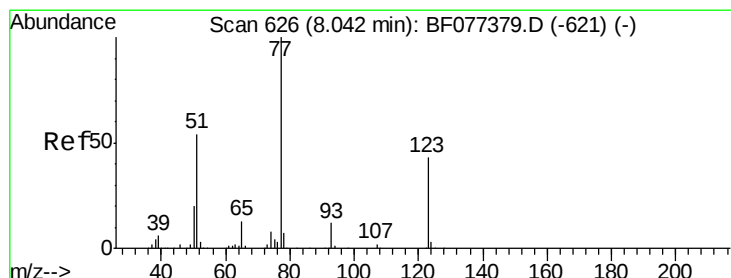
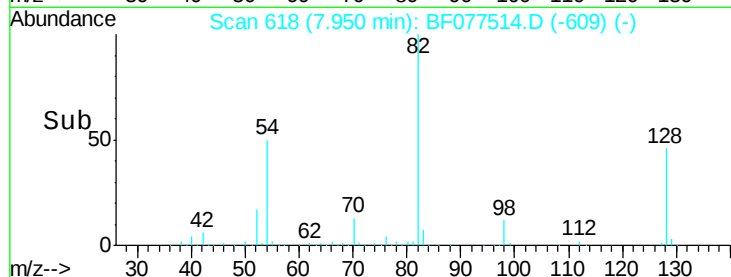
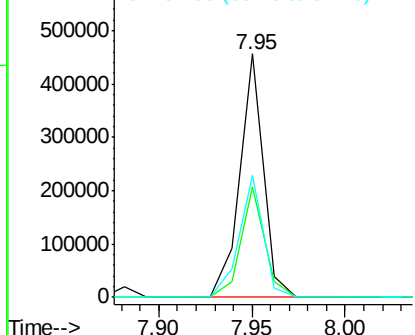
#23
Nitrobenzene-d5
Concen: 64.12 ng
RT: 7.95 min Scan# 618
Delta R.T. -0.00 min
Lab File: BF077514.D
Acq: 27 Feb 2015 19:31

Instrument :
BNA_F
ClientSampleId :
PB81918BS

Tot Ion	82	Resp	405385
Ion Ratio	100	Lower	Upper
128	45.6	43.8	65.8
54	50.0	36.7	55.1

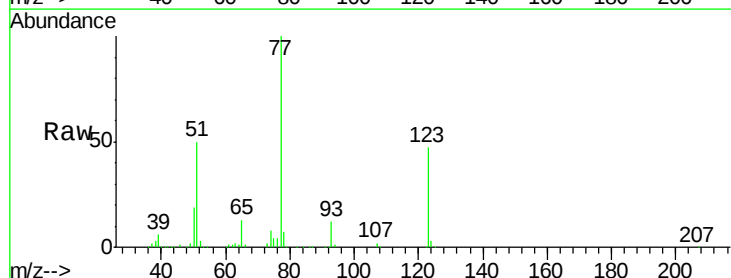


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

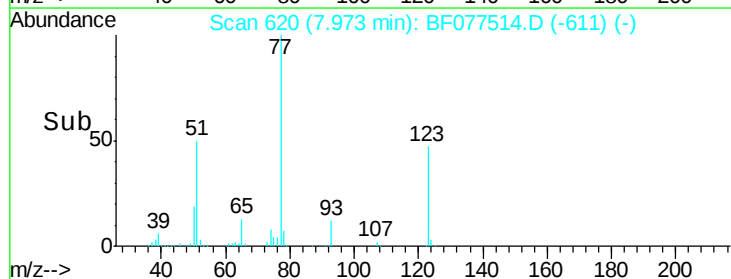
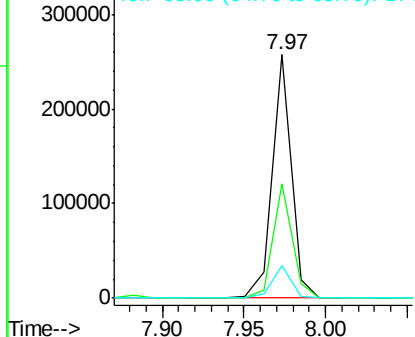


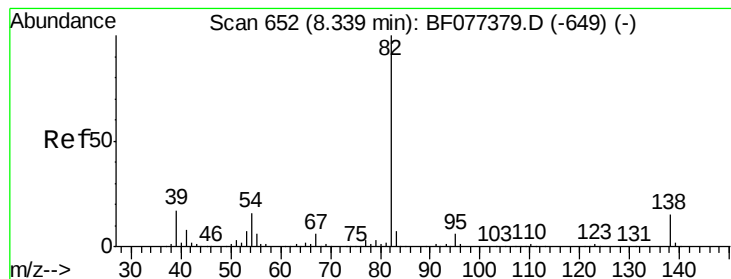
#24
Nitrobenzene
Concen: 31.59 ng
RT: 7.97 min Scan# 620
Delta R.T. -0.00 min
Lab File: BF077514.D
Acq: 27 Feb 2015 19:31

Tgt Ion	77	Resp	210135
Ion Ratio	100	Lower	Upper
123	46.9	45.9	68.9
65	13.1	9.5	14.3



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: 31.02 ng

RT: 8.27 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF077514.D

Acq: 27 Feb 2015 19:31

Instrument :

BNA_F

ClientSampleId :

PB81918BS

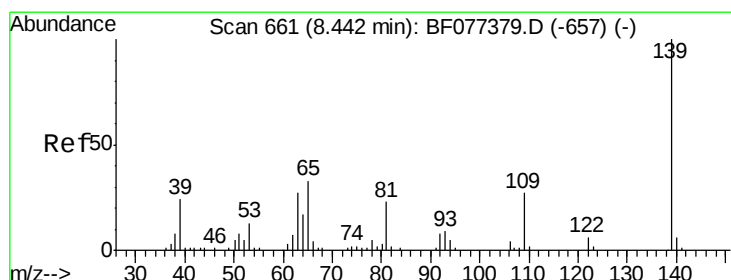
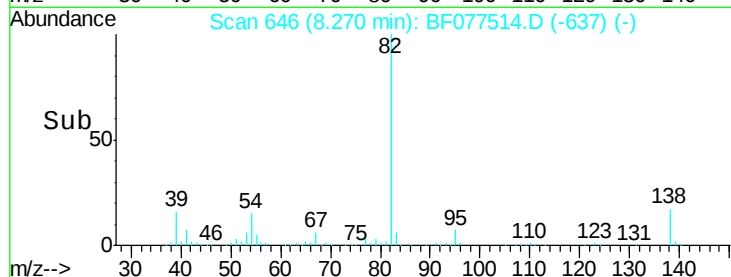
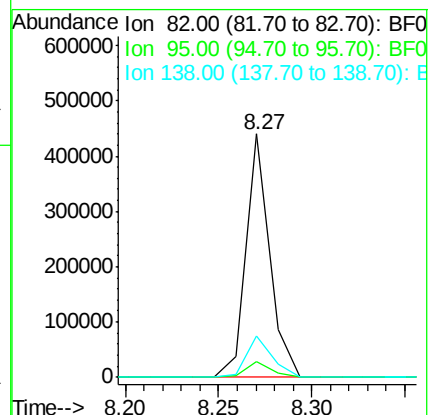
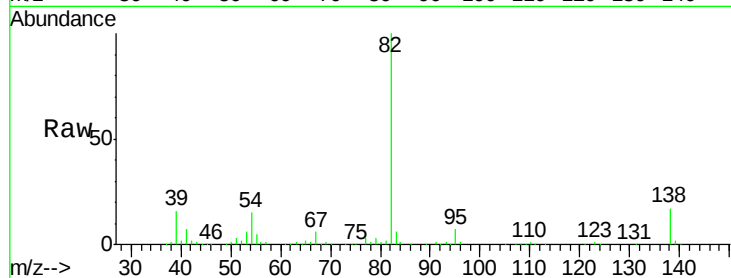
Tot Ion: 82 Resp: 389090

Ion Ratio Lower Upper

82 100

95 6.6 5.4 8.2

138 16.7 16.3 24.5



#26

2-Nitrophenol

Concen: 34.48 ng

RT: 8.37 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF077514.D

Acq: 27 Feb 2015 19:31

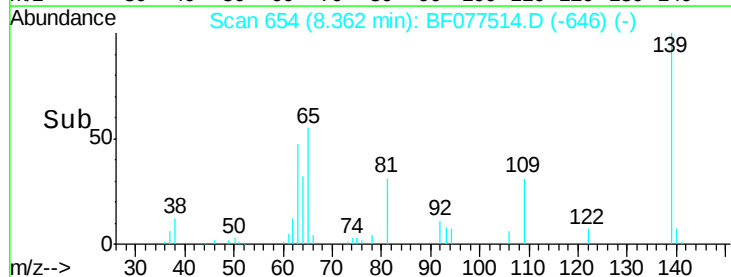
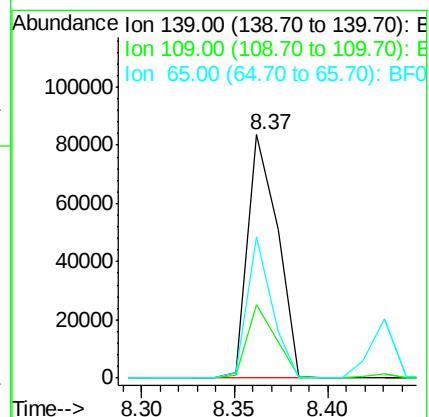
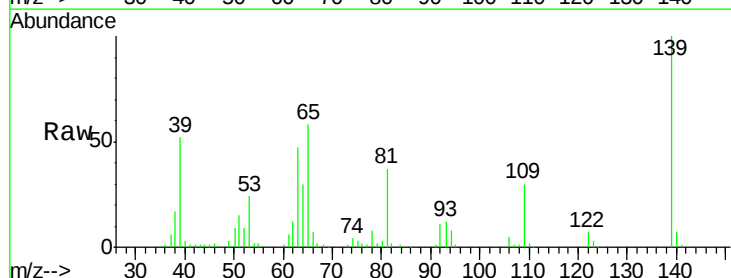
Tgt Ion: 139 Resp: 93995

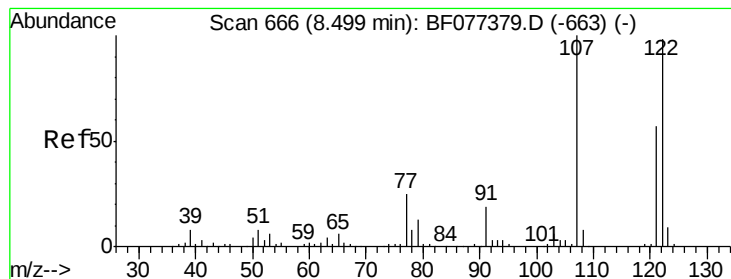
Ion Ratio Lower Upper

139 100

109 30.3 22.6 34.0

65 58.3 36.4 54.6#





#27

2,4-Dimethylphenol

Concen: 33.06 ng

RT: 8.43 min Scan# 660

Delta R.T. -0.00 min

Lab File: BF077514.D

Acq: 27 Feb 2015 19:31

Instrument :

BNA_F

ClientSampleId :

PB81918BS

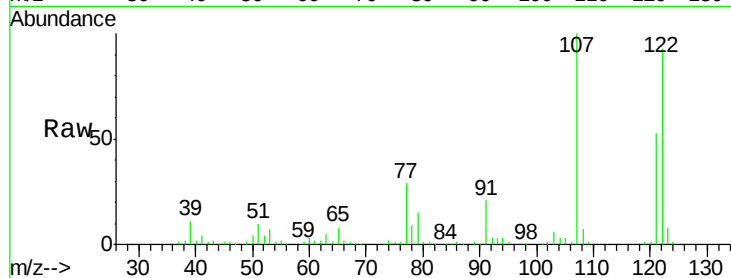
Tot Ion:122 Resp: 201638

Ion Ratio Lower Upper

122 100

107 107.5 86.6 130.0

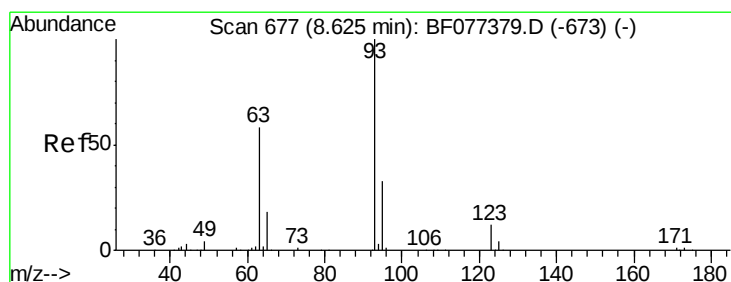
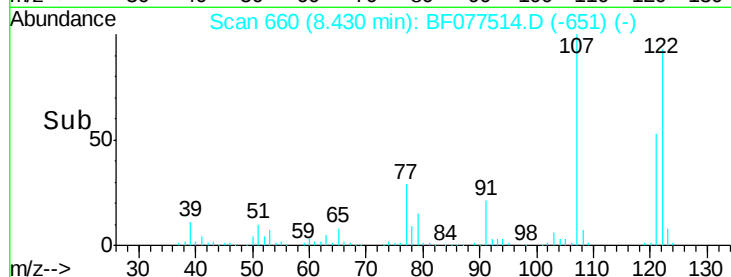
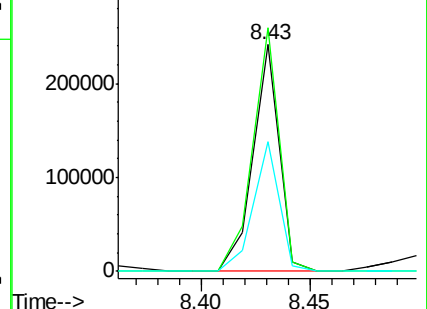
121 57.0 47.4 71.0



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: 32.00 ng

RT: 8.55 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF077514.D

Acq: 27 Feb 2015 19:31

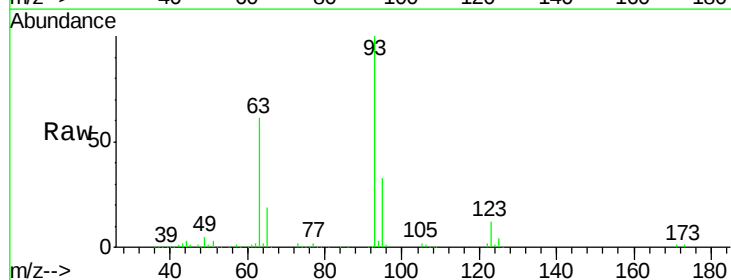
Tgt Ion: 93 Resp: 253593

Ion Ratio Lower Upper

93 100

95 32.9 26.4 39.6

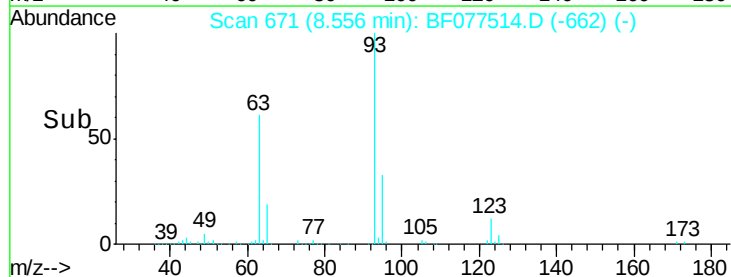
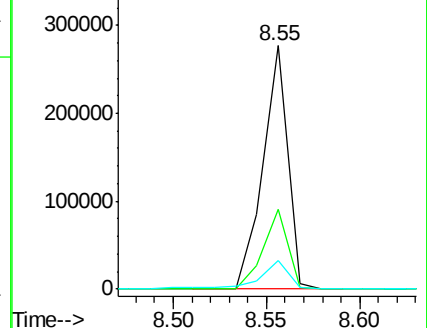
123 11.7 8.7 13.1

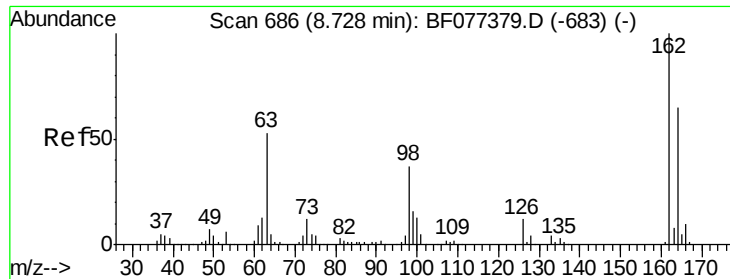


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

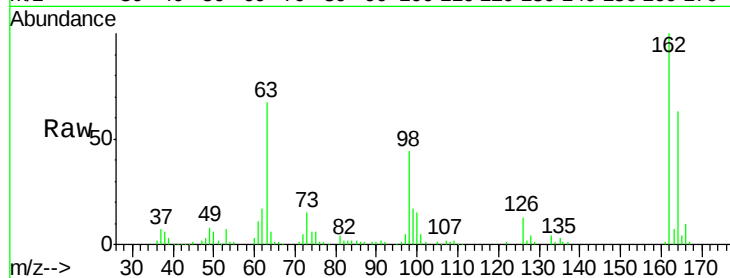




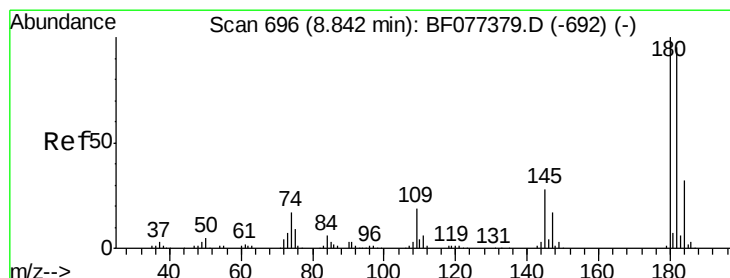
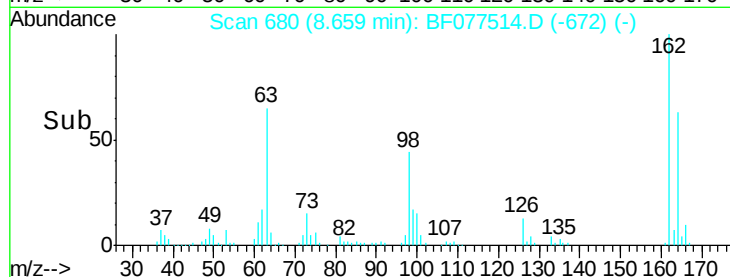
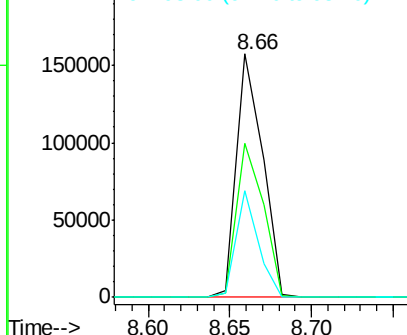
#29
 2,4-Dichlorophenol
 Concen: 30.40 ng
 RT: 8.66 min Scan# 680
 Delta R.T. -0.00 min
 Lab File: BF077514.D
 Acq: 27 Feb 2015 19:31

Instrument :
 BNA_F
 ClientSampleId :
 PB81918BS

Tot Ion:162 Resp: 174078
 Ion Ratio Lower Upper
 162 100
 164 63.4 46.4 86.4
 98 43.7 6.9 46.9

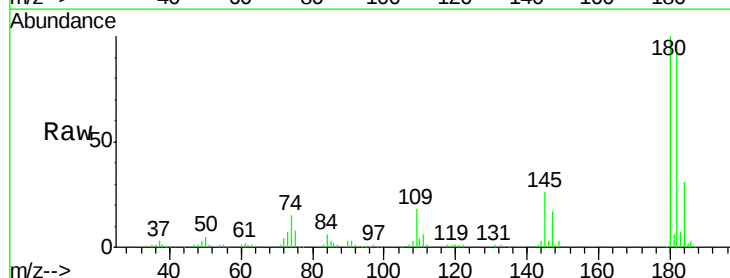


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): E

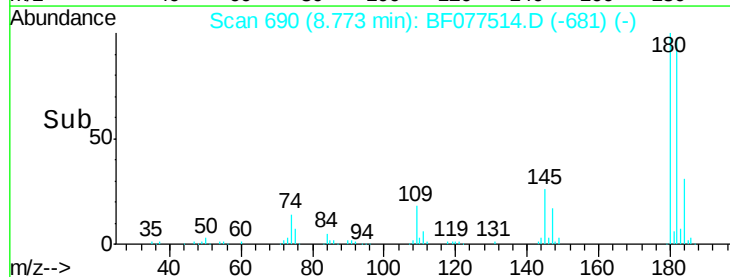
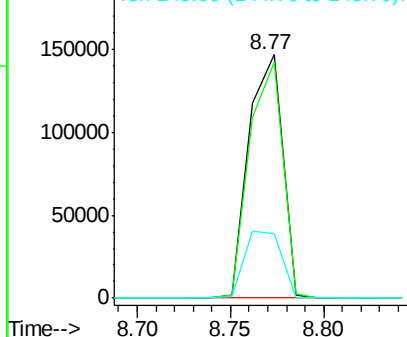


#30
 1,2,4-Trichlorobenzene
 Concen: 29.29 ng
 RT: 8.77 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: BF077514.D
 Acq: 27 Feb 2015 19:31

Tgt Ion:180 Resp: 184356
 Ion Ratio Lower Upper
 180 100
 182 96.6 76.2 114.4
 145 26.3 24.5 36.7



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

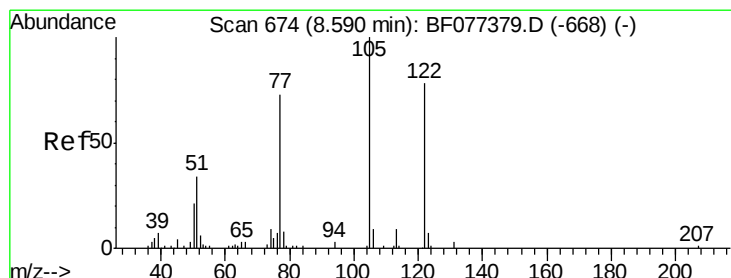
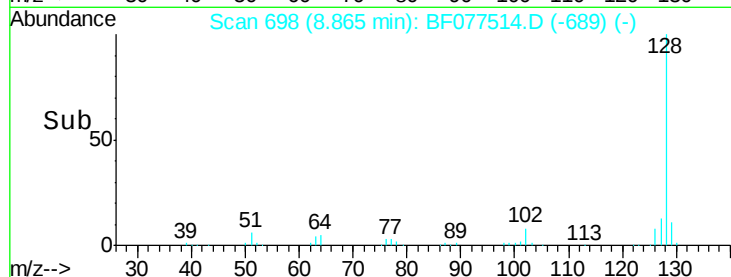
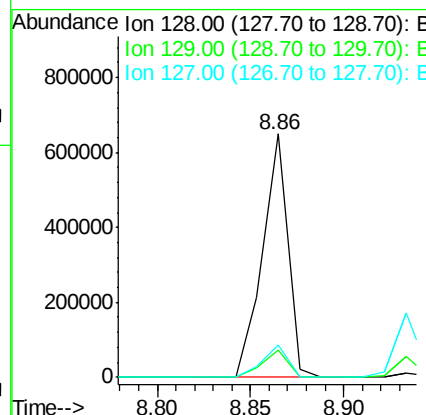
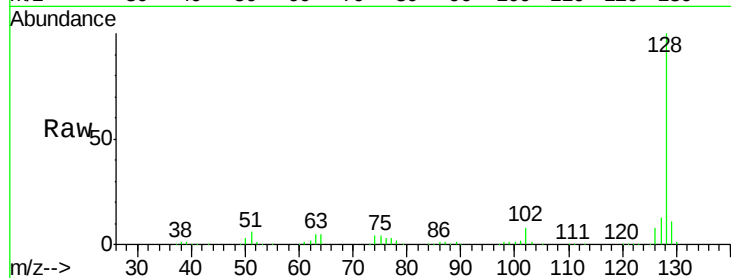




#31
Naphthalene
Concen: 30.92 ng
RT: 8.86 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF077514.D
Acq: 27 Feb 2015 19:31

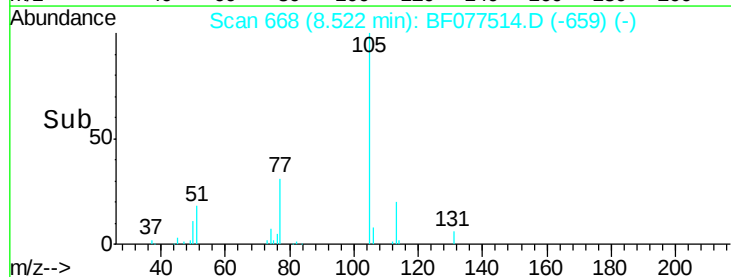
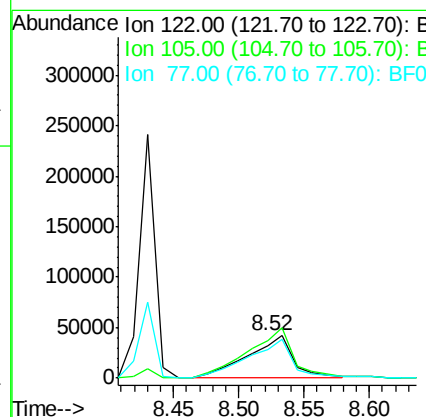
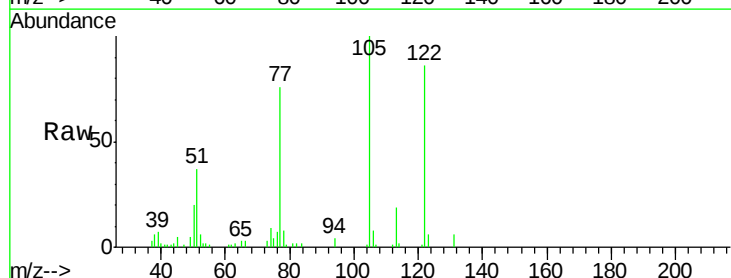
Instrument :
BNA_F
ClientSampleId :
PB81918BS

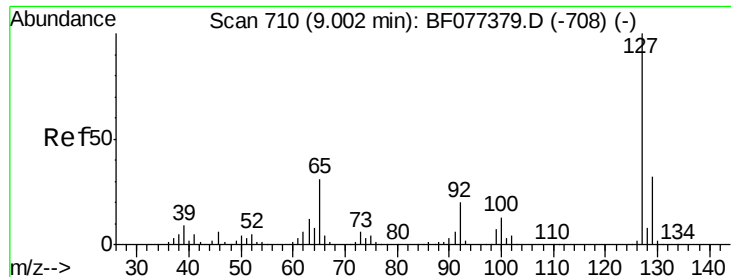
Tot Ion:128 Resp: 607962
Ion Ratio Lower Upper
128 100
129 11.1 9.4 14.0
127 13.4 10.6 15.8



#32
Benzoic acid
Concen: 32.51 ng
RT: 8.52 min Scan# 668
Delta R.T. -0.00 min
Lab File: BF077514.D
Acq: 27 Feb 2015 19:31

Tgt Ion:122 Resp: 96360
Ion Ratio Lower Upper
122 100
105 116.8 100.3 140.3
77 88.2 68.7 108.7

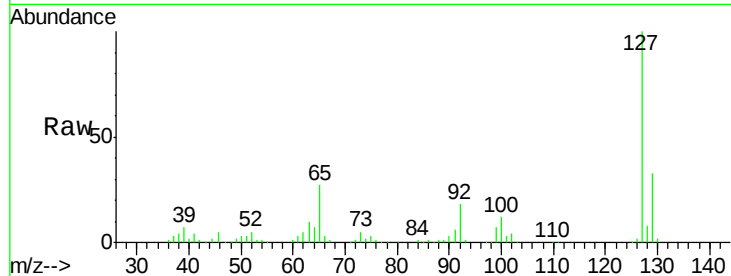




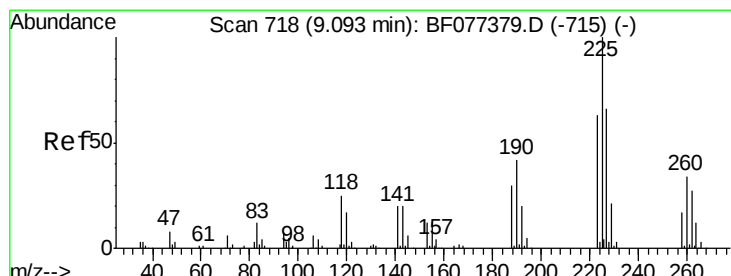
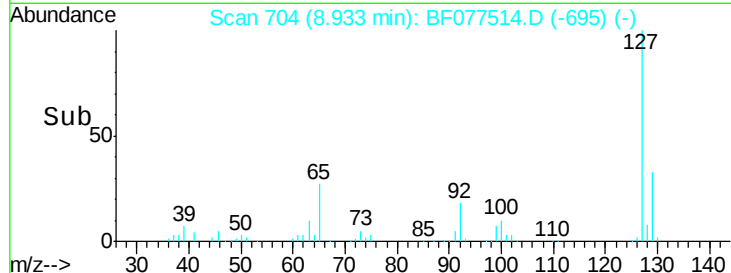
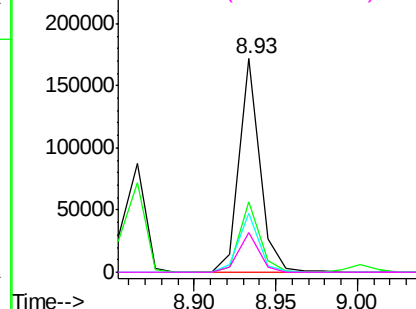
#33
4-Chloroaniline
Concen: 17.09 ng
RT: 8.93 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF077514.D
Acq: 27 Feb 2015 19:31

Instrument :
BNA_F
ClientSampleId :
PB81918BS

Tot Ion:127	Resp:	149424
Ion Ratio	Lower	Upper
127	100	
129	32.7	26.9 40.3
65	27.3	16.7 25.1#
92	18.4	12.5 18.7

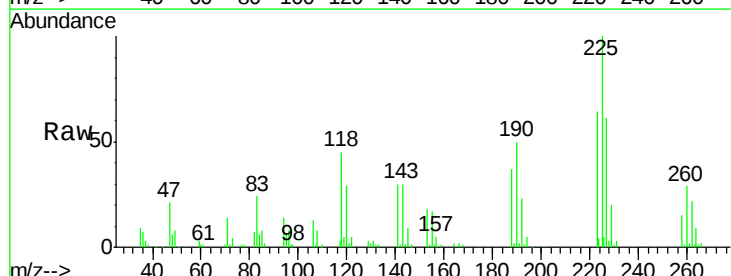


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

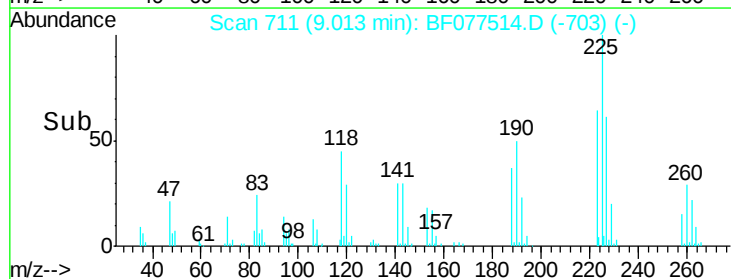
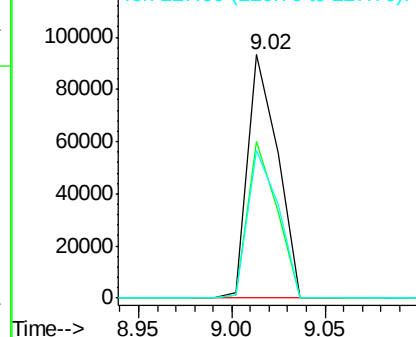


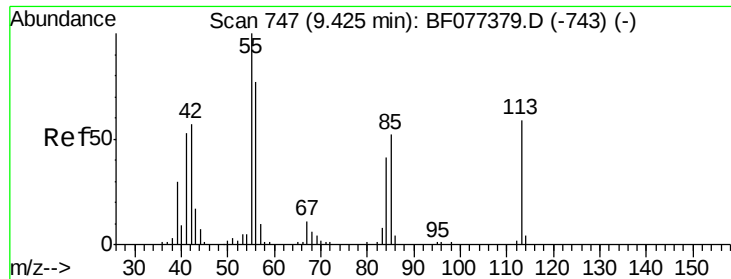
#34
Hexachlorobutadiene
Concen: 28.92 ng
RT: 9.02 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF077514.D
Acq: 27 Feb 2015 19:31

Tgt Ion:225	Resp:	103924
Ion Ratio	Lower	Upper
225	100	
223	64.3	49.5 74.3
227	60.7	50.5 75.7



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: 30.96 ng

RT: 9.36 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF077514.D

Acq: 27 Feb 2015 19:31

Instrument :

BNA_F

ClientSampleId :

PB81918BS

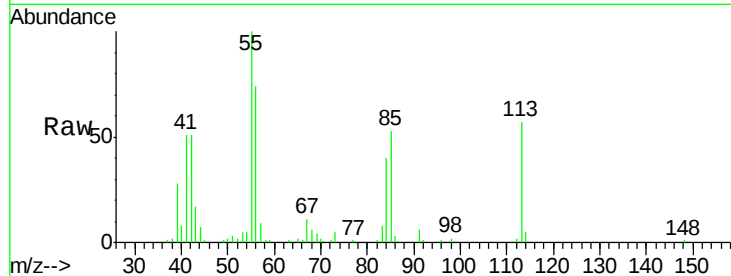
Tot Ion:113 Resp: 54121

Ion Ratio Lower Upper

113 100

55 176.3 154.6 194.6

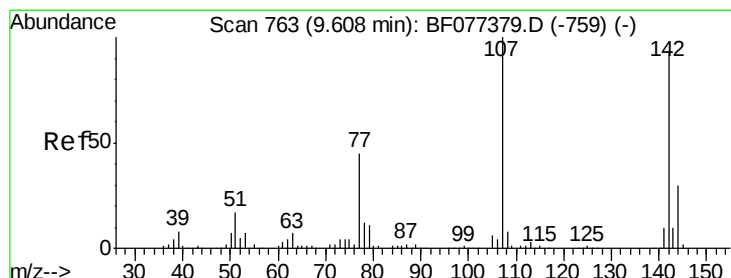
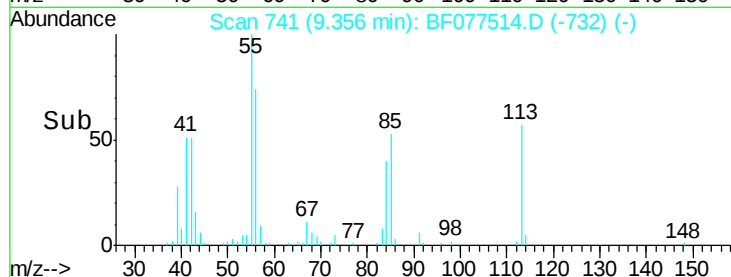
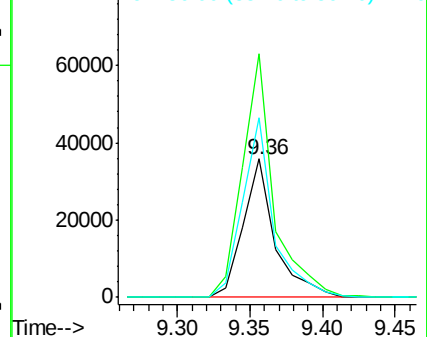
56 130.3 114.0 154.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 32.02 ng

RT: 9.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF077514.D

Acq: 27 Feb 2015 19:31

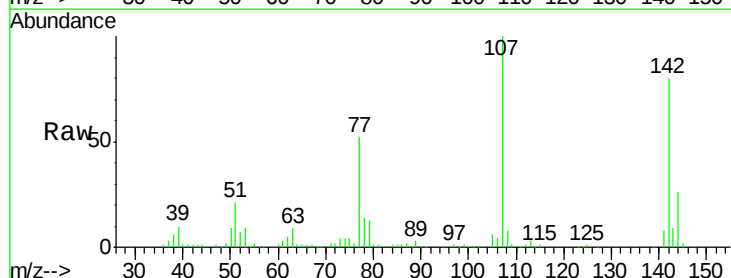
Tgt Ion:107 Resp: 184293

Ion Ratio Lower Upper

107 100

144 26.0 21.1 31.7

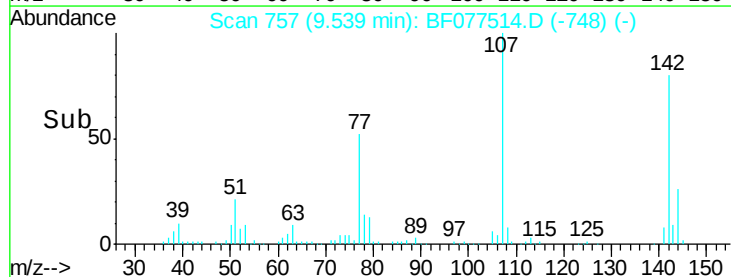
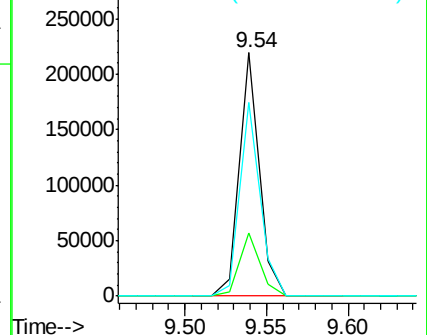
142 79.7 65.3 97.9

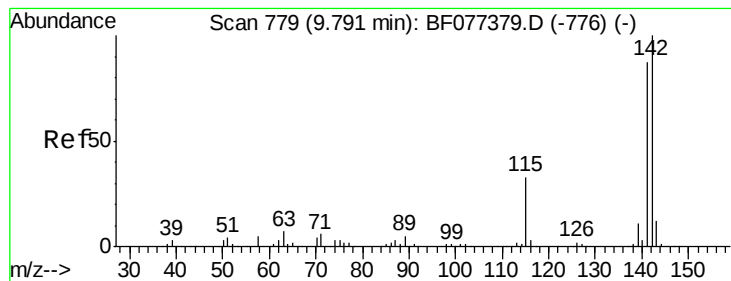


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

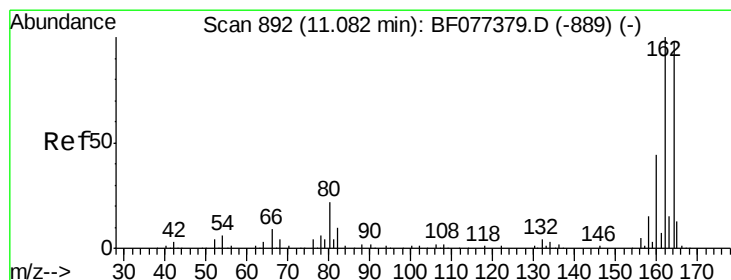
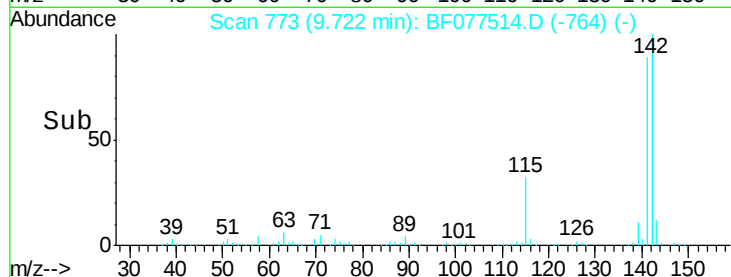
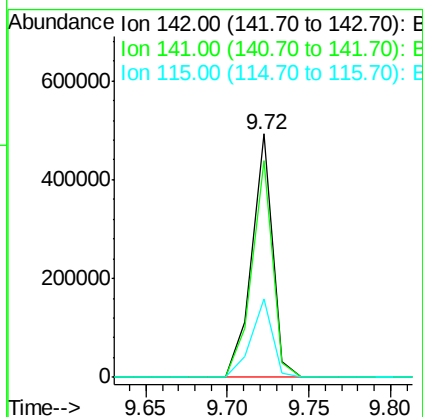
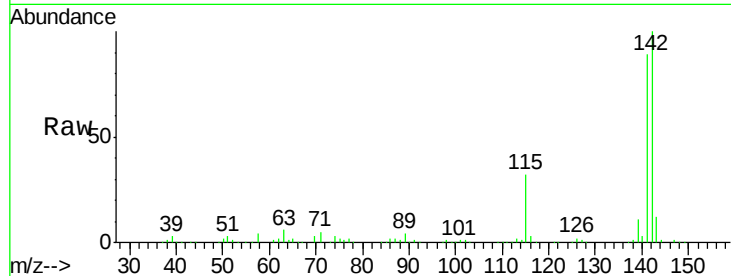




#37
 2-Methylnaphthalene
 Concen: 31.42 ng
 RT: 9.72 min Scan# 773
 Delta R.T. -0.00 min
 Lab File: BF077514.D
 Acq: 27 Feb 2015 19:31

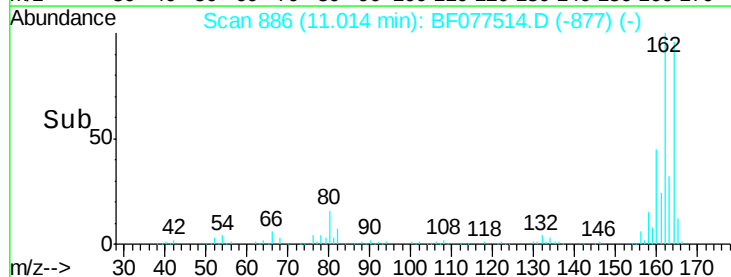
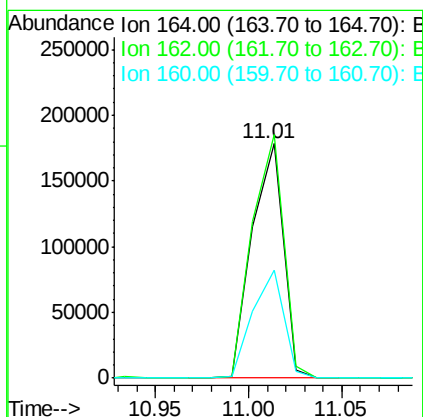
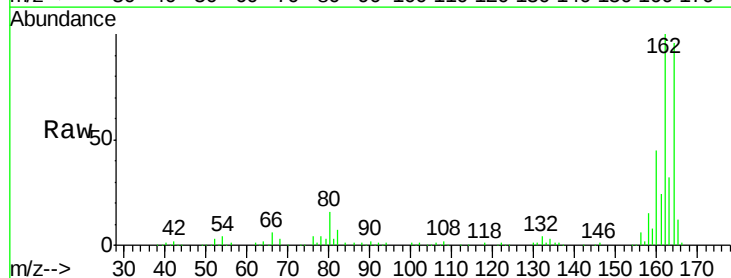
Instrument :
 BNA_F
 ClientSampleId :
 PB81918BS

Tot Ion:142 Resp: 438678
 Ion Ratio Lower Upper
 142 100
 141 88.8 70.7 106.1
 115 32.4 24.2 36.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.01 min Scan# 886
 Delta R.T. -0.00 min
 Lab File: BF077514.D
 Acq: 27 Feb 2015 19:31

Tgt Ion:164 Resp: 206348
 Ion Ratio Lower Upper
 164 100
 162 103.9 83.2 124.8
 160 46.3 34.6 52.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.36 ng

RT: 9.93 min Scan# 791

Delta R.T. -0.00 min

Lab File: BF077514.D

Acq: 27 Feb 2015 19:31

Instrument :

BNA_F

ClientSampleId :

PB81918BS

Tot Ion:216 Resp: 197515

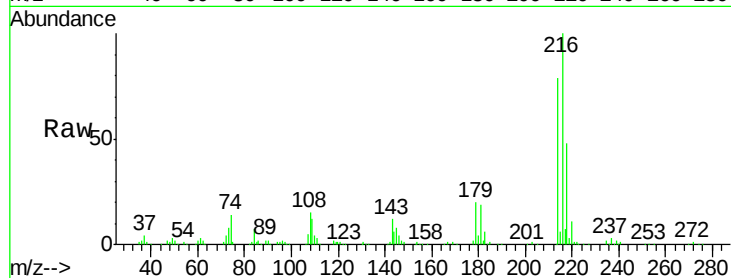
Ion Ratio Lower Upper

216 100

214 78.7 63.4 95.0

179 20.8 16.6 25.0

108 20.6 14.2 21.4

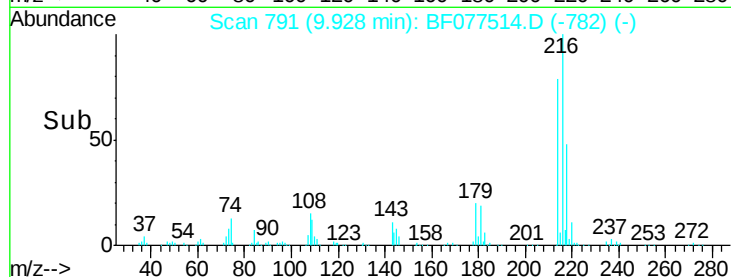


Abundance Ion 216.00 (215.70 to 216.70): E

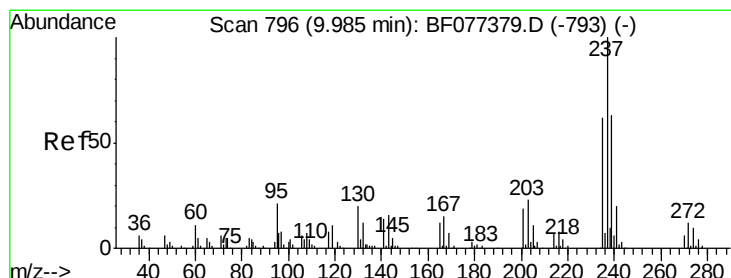
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 65.40 ng

RT: 9.91 min Scan# 790

Delta R.T. -0.00 min

Lab File: BF077514.D

Acq: 27 Feb 2015 19:31

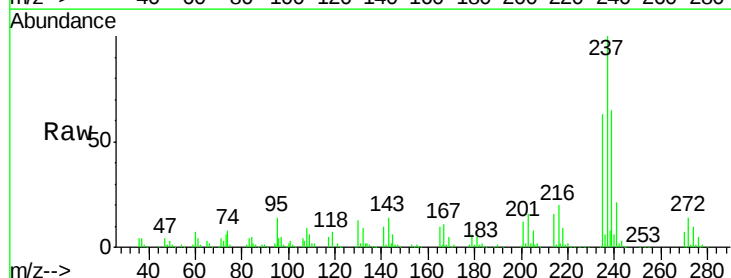
Tgt Ion:237 Resp: 207627

Ion Ratio Lower Upper

237 100

235 63.0 41.0 81.0

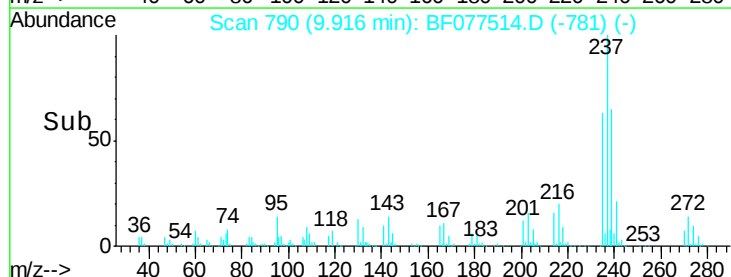
272 13.6 0.0 34.3



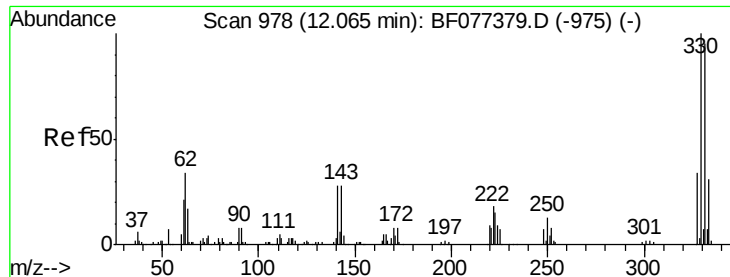
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



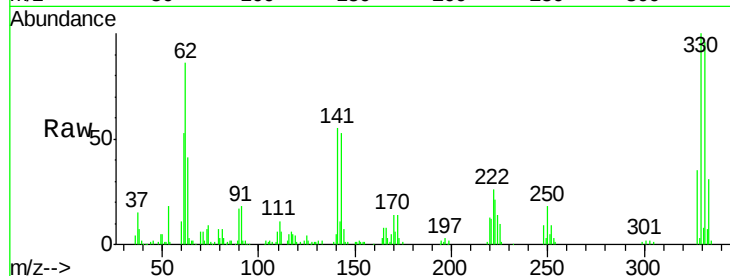
Time-->



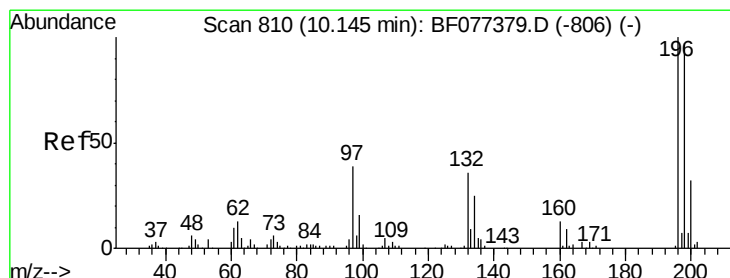
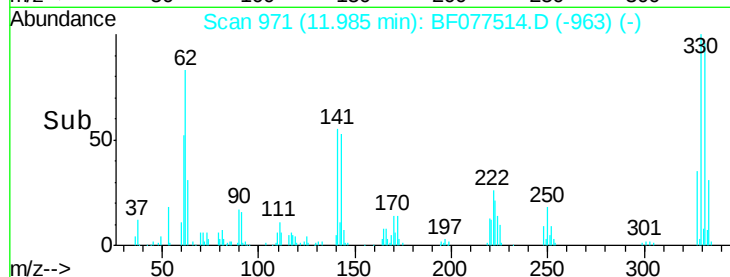
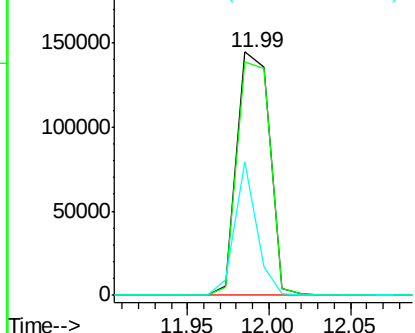
#41
 2,4,6-Tribromophenol
 Concen: 100.47 ng
 RT: 11.99 min Scan# 971
 Delta R.T. 0.00 min
 Lab File: BF077514.D
 Acq: 27 Feb 2015 19:31

Instrument :
 BNA_F
 ClientSampleId :
 PB81918BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.4	116.2
141	36.5	28.8	43.2

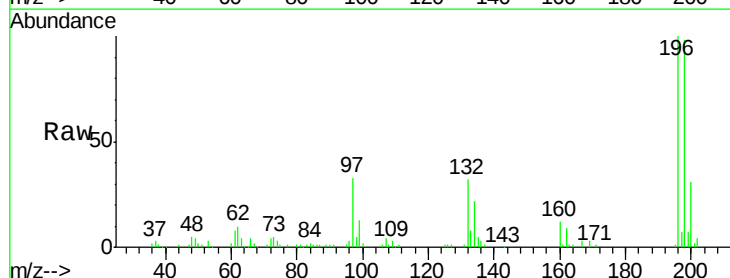


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

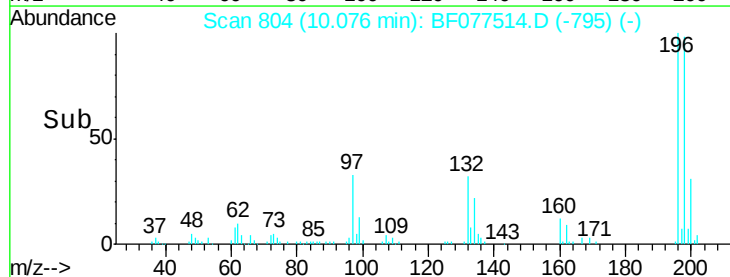
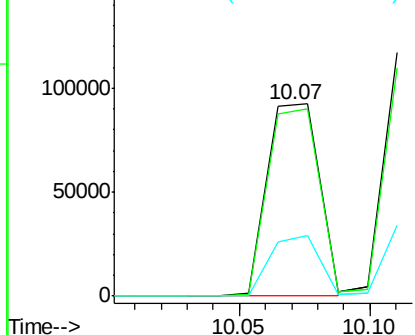


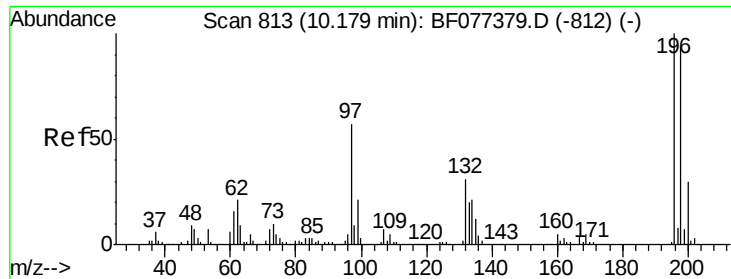
#42
 2,4,6-Trichlorophenol
 Concen: 32.67 ng
 RT: 10.07 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF077514.D
 Acq: 27 Feb 2015 19:31

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.8	75.8	113.8
200	31.4	24.2	36.4



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

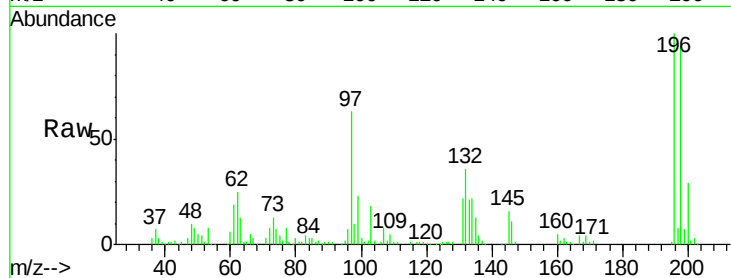




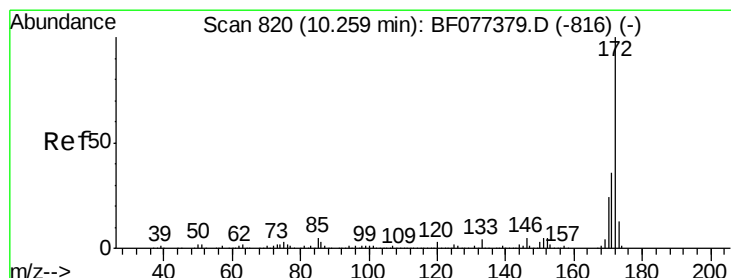
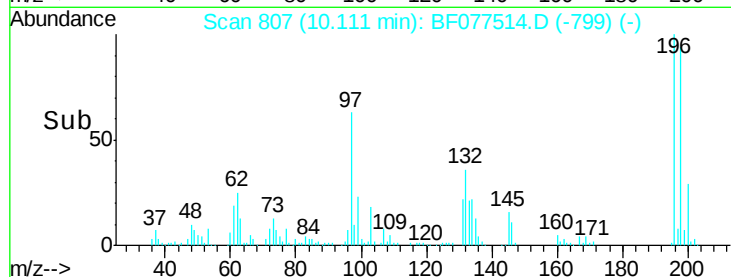
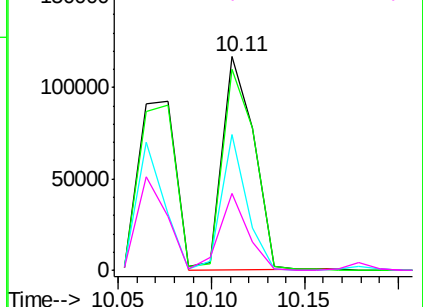
#43
 2,4,5-Trichlorophenol
 Concen: 32.98 ng
 RT: 10.11 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF077514.D
 Acq: 27 Feb 2015 19:31

Instrument :
 BNA_F
 ClientSampleId :
 PB81918BS

Tot Ion:196 Resp: 138284
 Ion Ratio Lower Upper
 196 100
 198 93.8 77.2 115.8
 97 63.4 27.7 41.5#
 132 36.1 18.0 27.0#

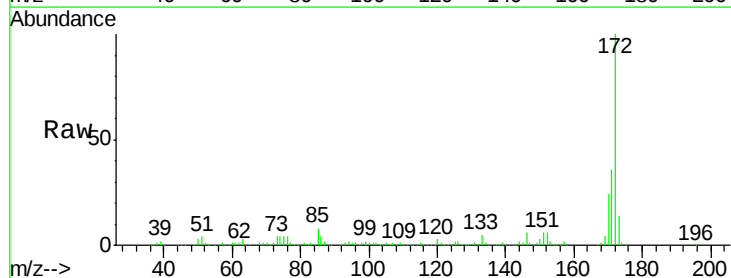


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

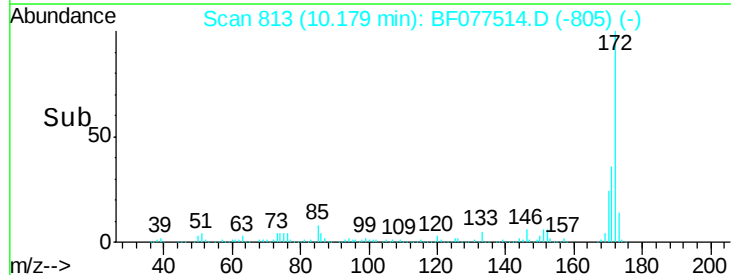
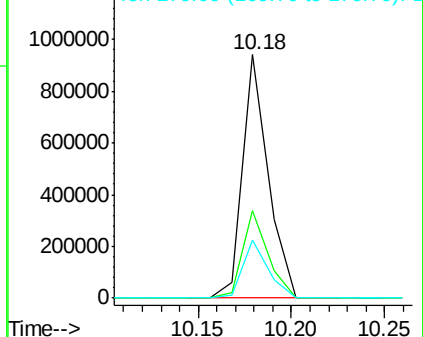


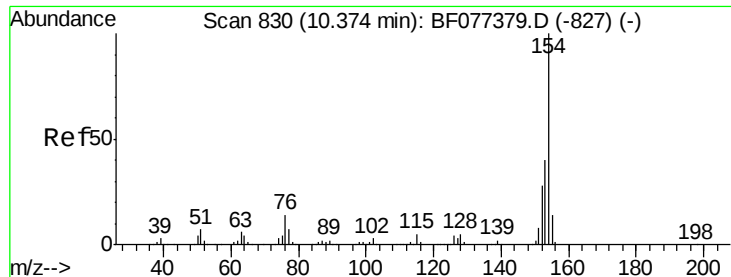
#44
 2-Fluorobiphenyl
 Concen: 67.83 ng
 RT: 10.18 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF077514.D
 Acq: 27 Feb 2015 19:31

Tgt Ion:172 Resp: 897656
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.9 43.3
 170 23.7 19.4 29.2



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

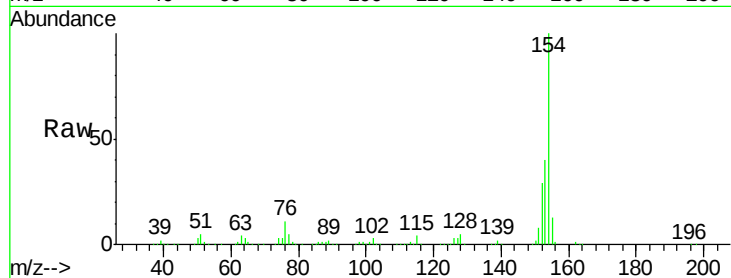




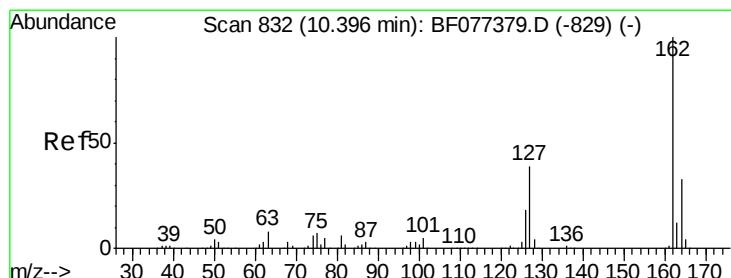
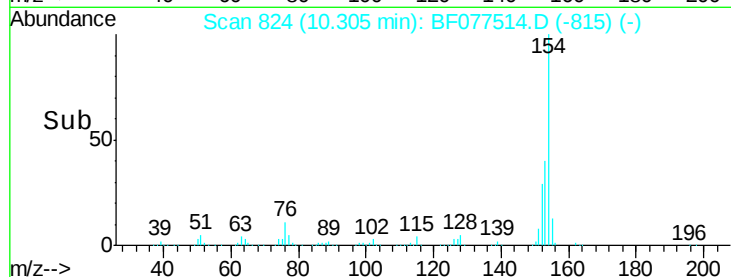
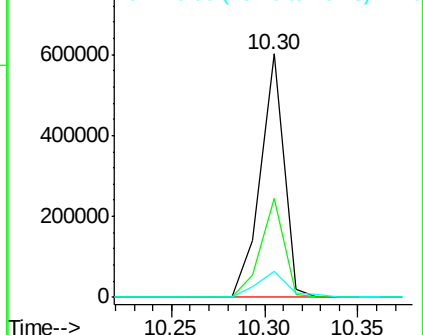
#45
1,1'-Biphenyl
Concen: 33.49 ng
RT: 10.30 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF077514.D
Acq: 27 Feb 2015 19:31

Instrument :
BNA_F
ClientSampleId :
PB81918BS

Tot Ion:154	Resp:	523517
Ion Ratio	Lower	Upper
154	100	
153	40.4	20.2 60.2
76	10.9	0.0 29.4

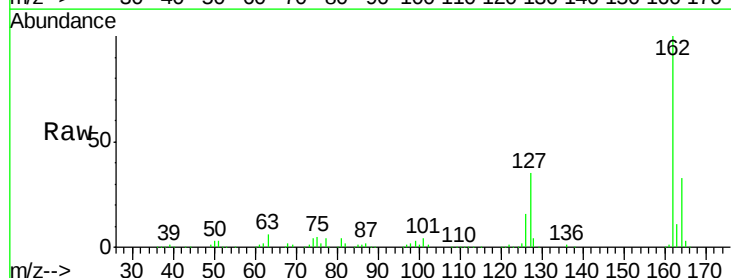


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

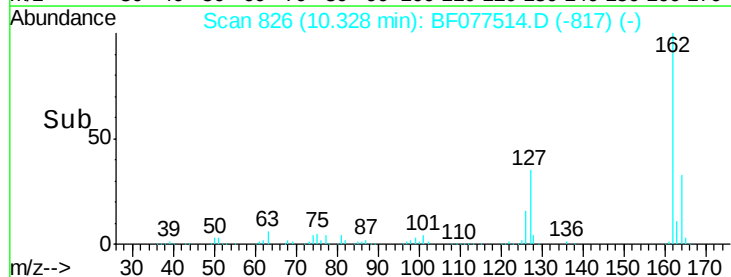
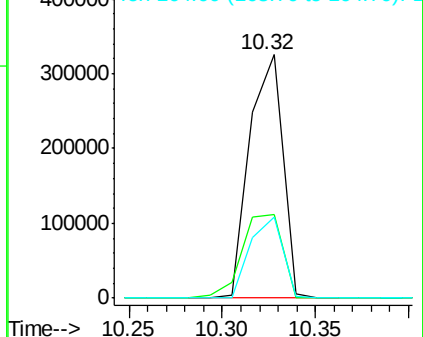


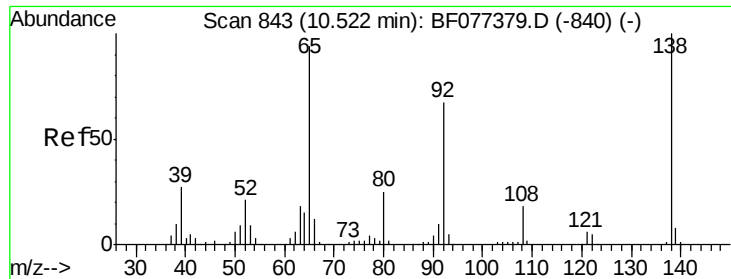
#46
2-Chloronaphthalene
Concen: 32.61 ng
RT: 10.32 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF077514.D
Acq: 27 Feb 2015 19:31

Tgt Ion:162	Resp:	399788
Ion Ratio	Lower	Upper
162	100	
127	34.5	33.3 49.9
164	33.4	26.2 39.4



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

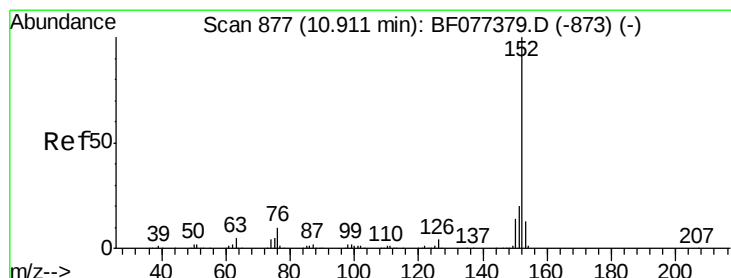
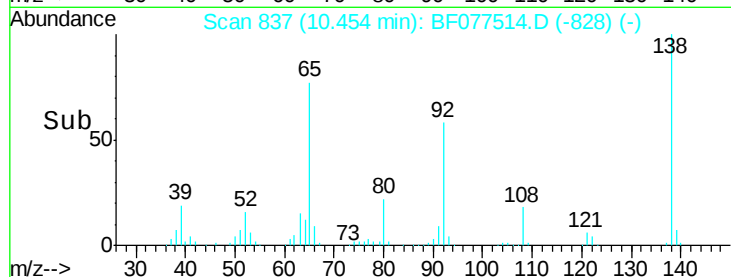
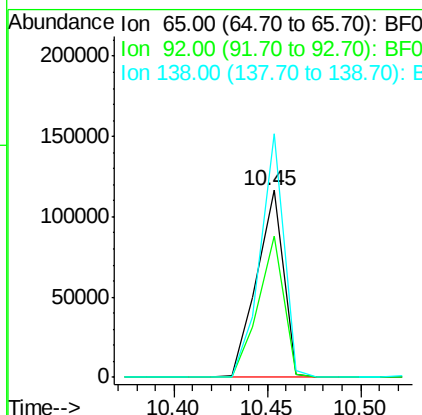
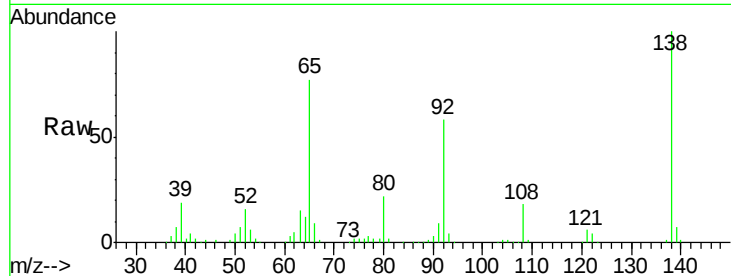




#47
2-Nitroaniline
Concen: 38.40 ng
RT: 10.45 min Scan# 837
Delta R.T. -0.00 min
Lab File: BF077514.D
Acq: 27 Feb 2015 19:31

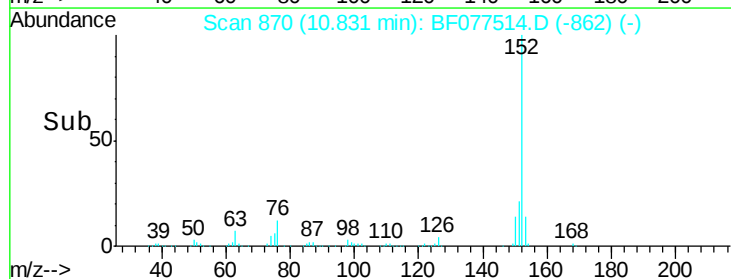
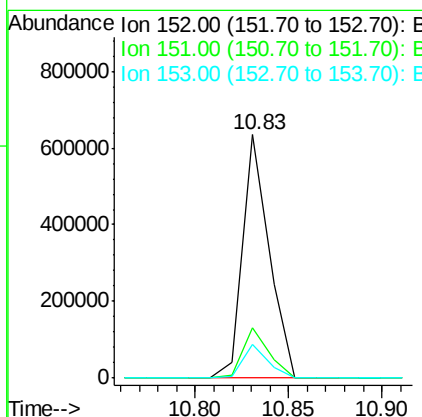
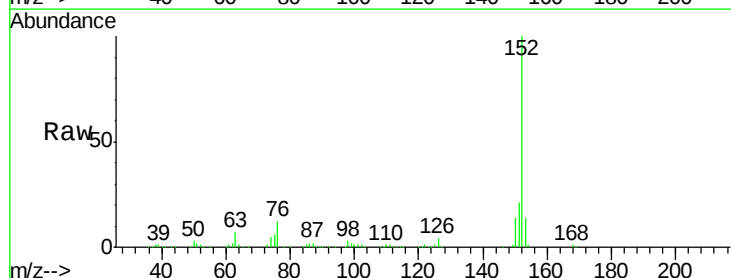
Instrument :
BNA_F
ClientSampleId :
PB81918BS

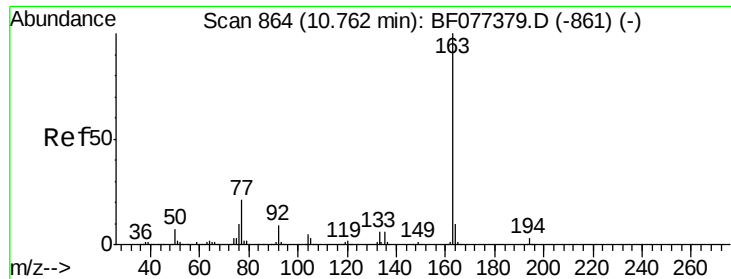
Tot Ion: 65 Resp: 115904
Ion Ratio Lower Upper
65 100
92 75.7 52.4 78.6
138 130.3 73.4 110.0#



#48
Acenaphthylene
Concen: 32.58 ng
RT: 10.83 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF077514.D
Acq: 27 Feb 2015 19:31

Tgt Ion:152 Resp: 632351
Ion Ratio Lower Upper
152 100
151 20.6 16.1 24.1
153 13.6 10.9 16.3

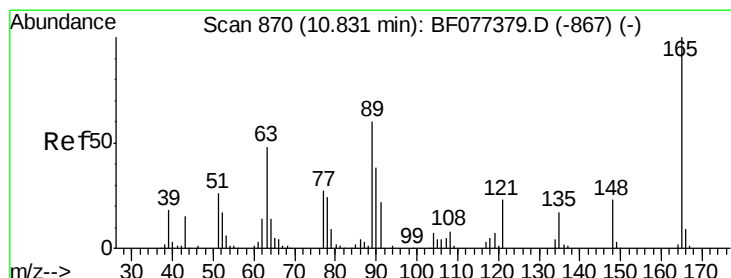
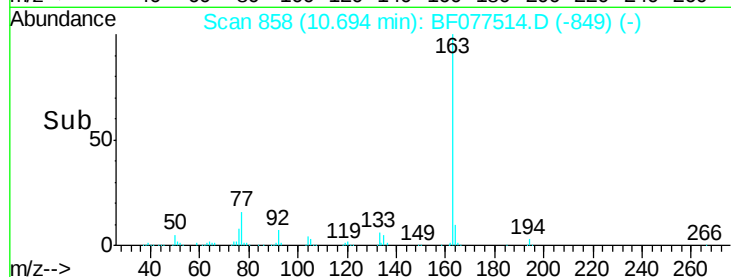
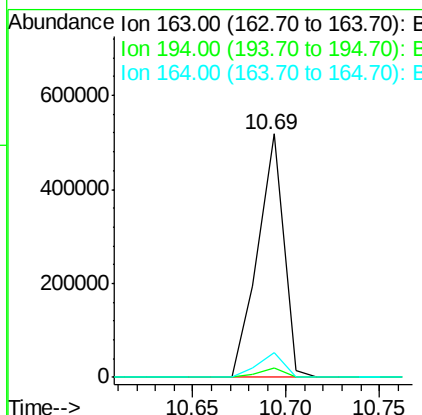
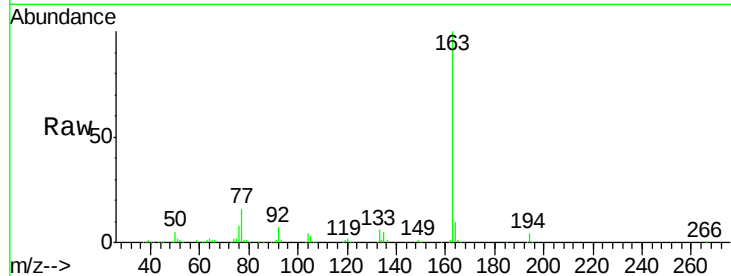




#49
Dimethylphthalate
Concen: 34.53 ng
RT: 10.69 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF077514.D
Acq: 27 Feb 2015 19:31

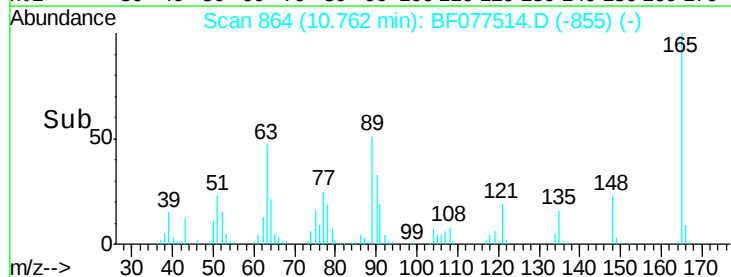
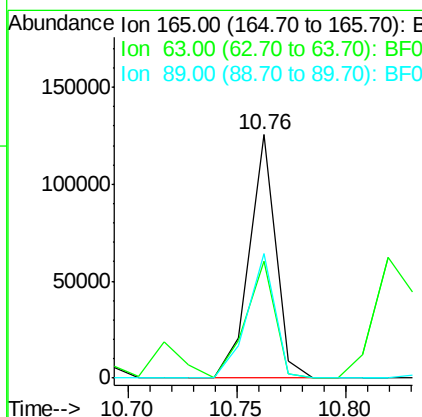
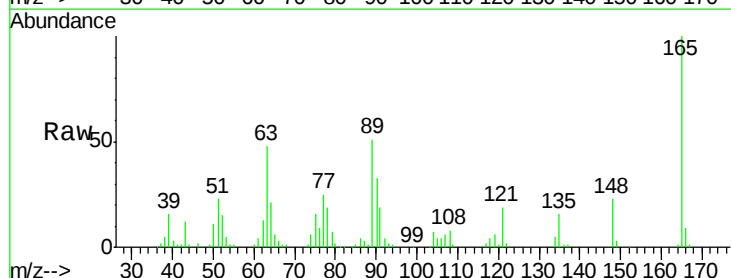
Instrument :
BNA_F
ClientSampleId :
PB81918BS

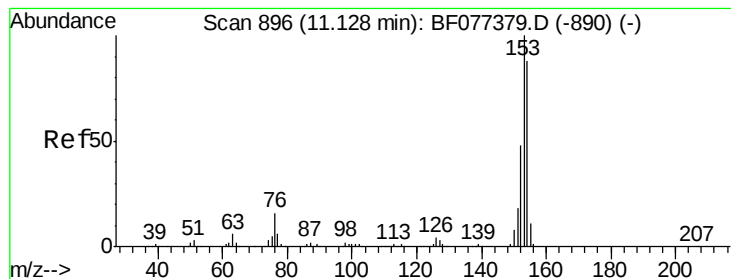
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.6	4.0
164	10.0	8.6	13.0



#50
2,6-Dinitrotoluene
Concen: 36.65 ng
RT: 10.76 min Scan# 864
Delta R.T. -0.00 min
Lab File: BF077514.D
Acq: 27 Feb 2015 19:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.0	25.2	37.8#
89	51.4	30.5	45.7#





#51

Acenaphthene

Concen: 32.41 ng

RT: 11.05 min Scan# 889

Delta R.T. -0.00 min

Lab File: BF077514.D

Acq: 27 Feb 2015 19:31

Instrument :

BNA_F

ClientSampleId :

PB81918BS

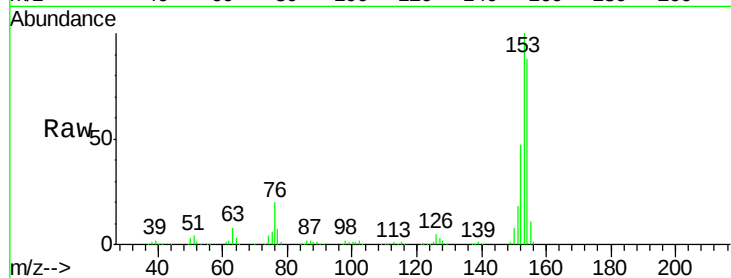
Tot Ion:154 Resp: 375408

Ion Ratio Lower Upper

154 100

153 113.3 90.5 135.7

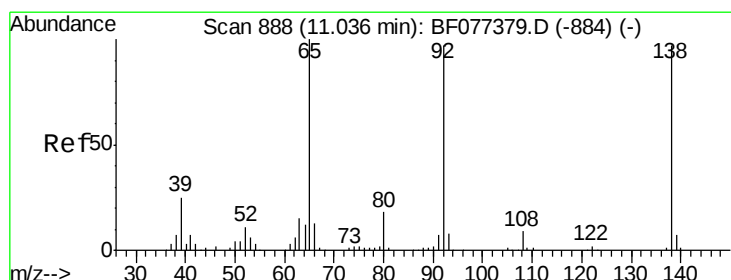
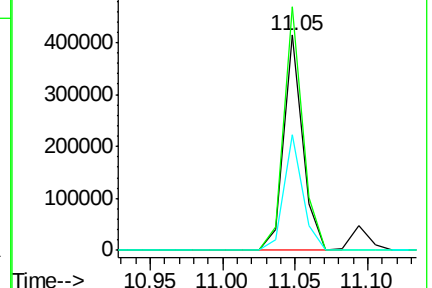
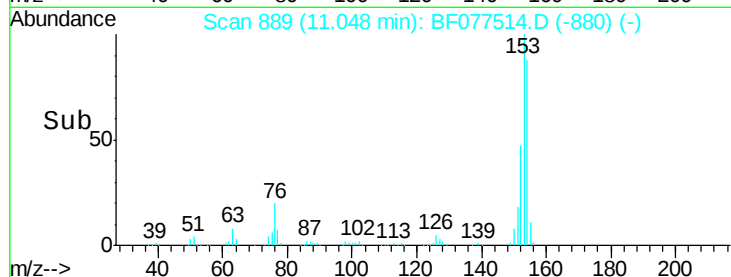
152 53.8 43.5 65.3



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: 22.35 ng

RT: 10.96 min Scan# 881

Delta R.T. -0.00 min

Lab File: BF077514.D

Acq: 27 Feb 2015 19:31

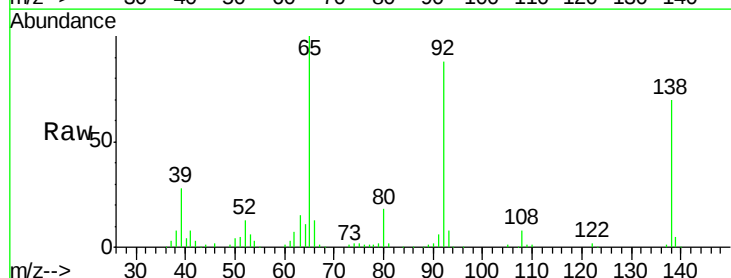
Tgt Ion:138 Resp: 74947

Ion Ratio Lower Upper

138 100

108 10.7 7.8 11.8

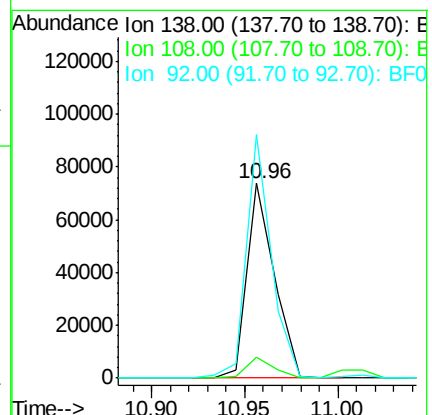
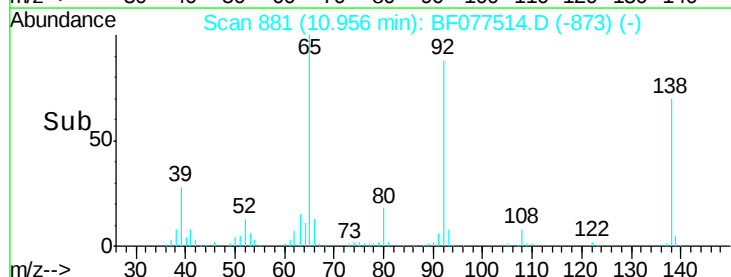
92 125.1 90.6 135.8

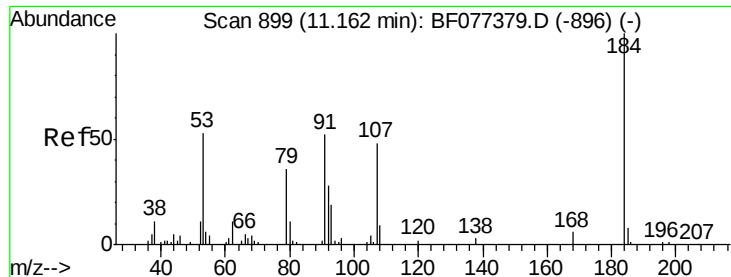


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

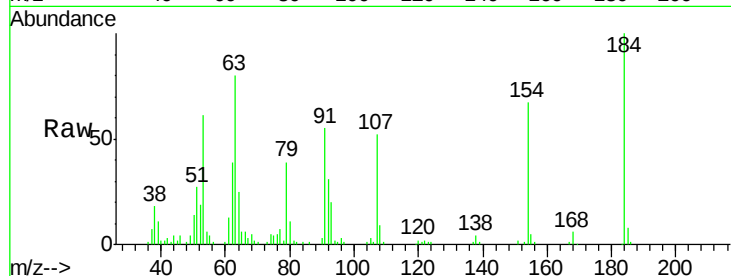




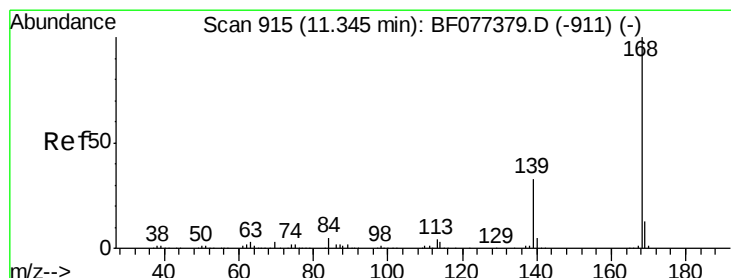
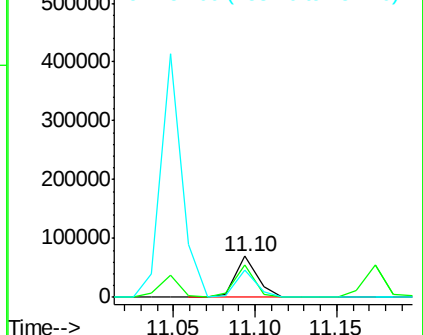
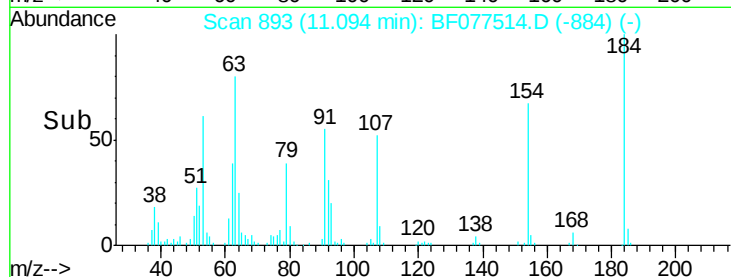
#53
2,4-Dinitrophenol
Concen: 73.92 ng
RT: 11.10 min Scan# 893
Delta R.T. -0.00 min
Lab File: BF077514.D
Acq: 27 Feb 2015 19:31

Instrument :
BNA_F
ClientSampleId :
PB81918BS

Tot Ion:184 Resp: 65431
Ion Ratio Lower Upper
184 100
63 79.6 29.5 44.3#
154 67.0 43.2 64.8#

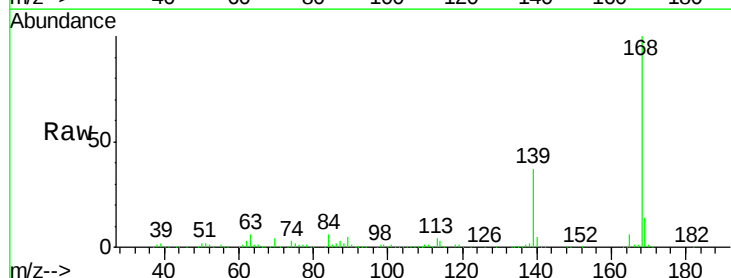


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

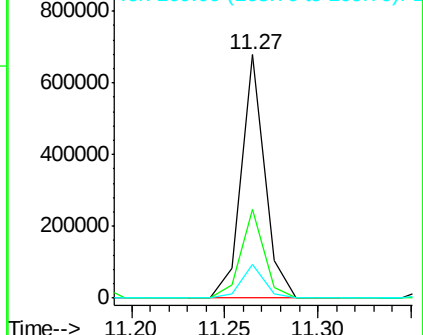
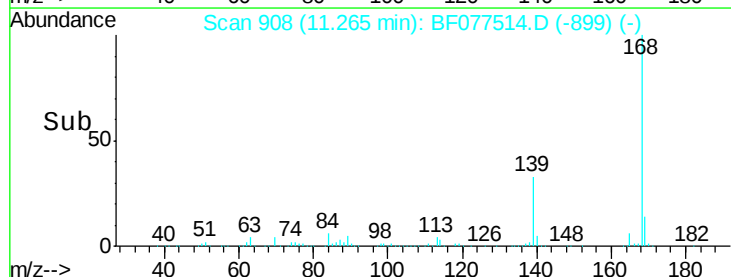


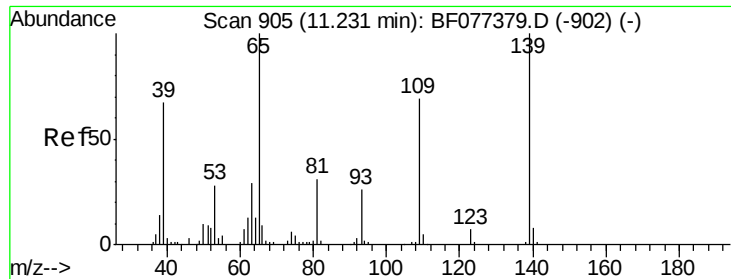
#54
Dibenzofuran
Concen: 33.31 ng
RT: 11.27 min Scan# 908
Delta R.T. -0.00 min
Lab File: BF077514.D
Acq: 27 Feb 2015 19:31

Tgt Ion:168 Resp: 595647
Ion Ratio Lower Upper
168 100
139 36.5 29.3 43.9
169 14.0 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 62.16 ng

RT: 11.17 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF077514.D

Acq: 27 Feb 2015 19:31

Instrument :

BNA_F

ClientSampleId :

PB81918BS

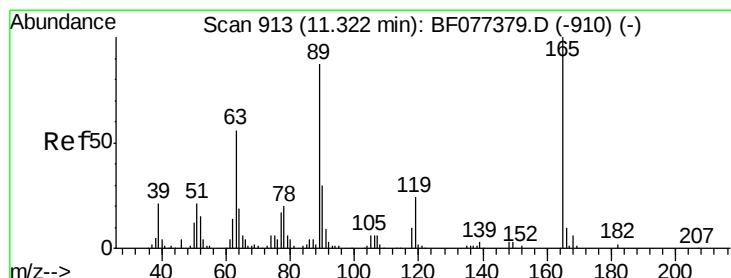
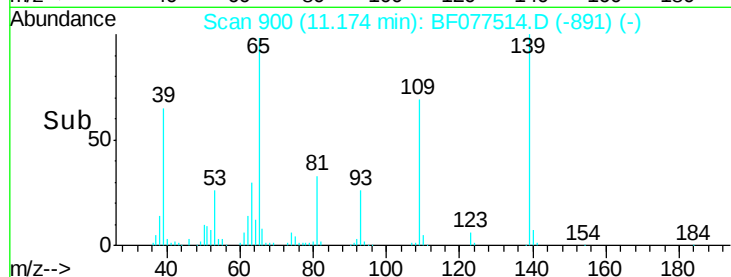
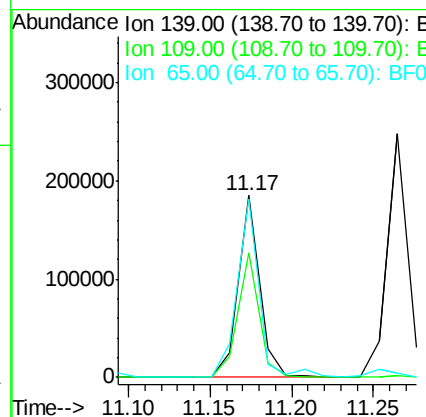
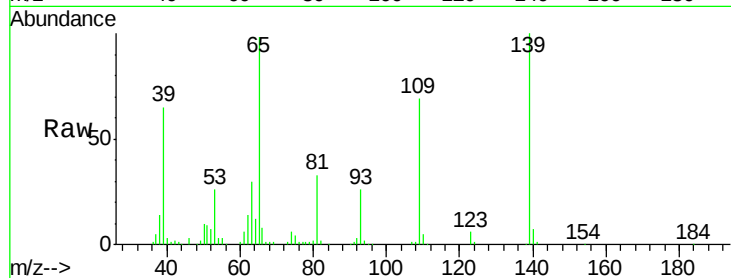
Tot Ion:139 Resp: 167684

Ion Ratio Lower Upper

139 100

109 68.5 36.2 76.2

65 98.1 40.3 80.3#



#56

2,4-Dinitrotoluene

Concen: 33.77 ng

RT: 11.26 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF077514.D

Acq: 27 Feb 2015 19:31

Tgt Ion:165 Resp: 132725

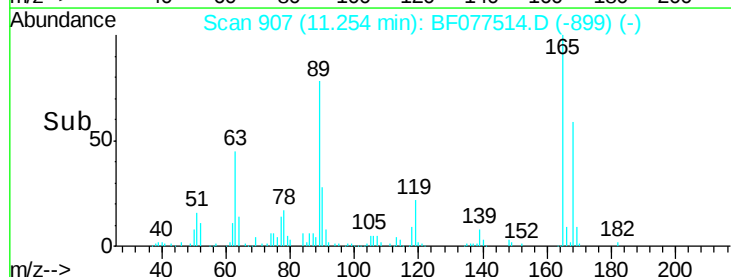
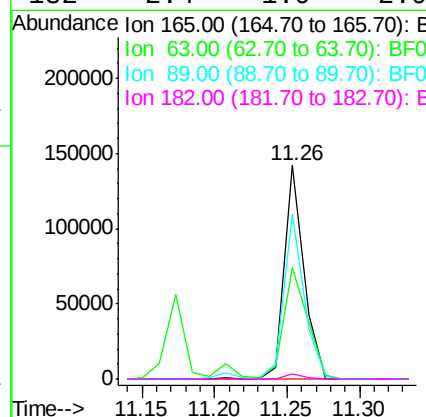
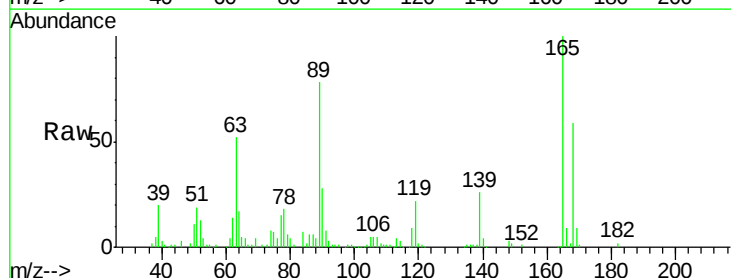
Ion Ratio Lower Upper

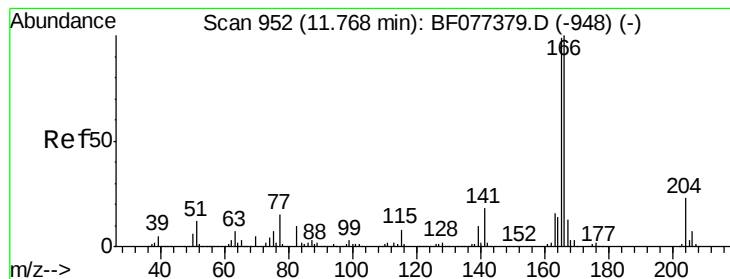
165 100

63 52.4 29.8 44.8#

89 77.6 48.5 72.7#

182 2.4 1.9 2.9





#57

Fluorene

Concen: 33.29 ng

RT: 11.69 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF077514.D

Acq: 27 Feb 2015 19:31

Instrument :

BNA_F

ClientSampleId :

PB81918BS

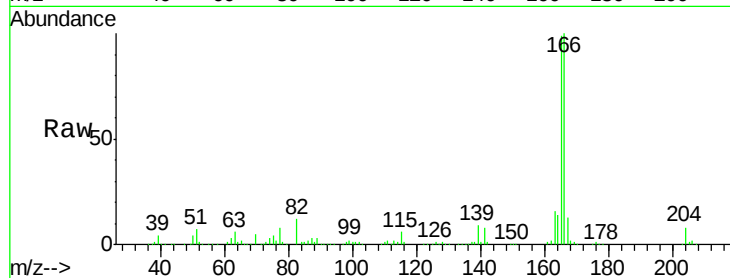
Tot Ion:166 Resp: 475988

Ion Ratio Lower Upper

166 100

165 98.9 77.6 116.4

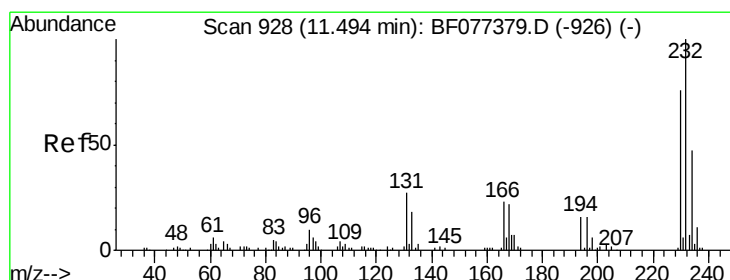
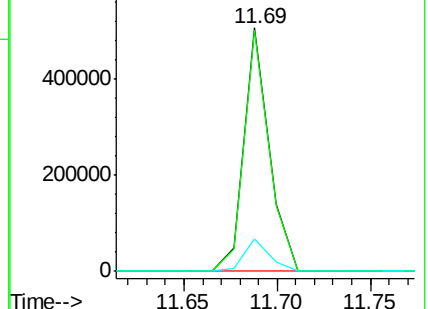
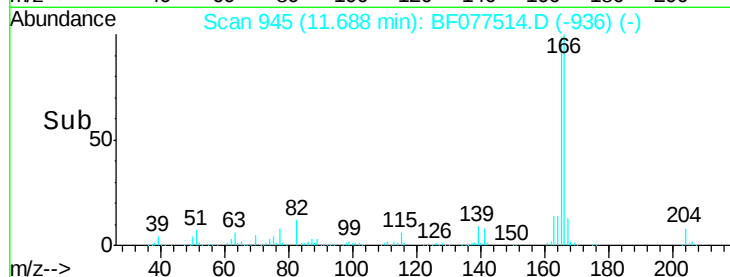
167 13.4 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 34.88 ng

RT: 11.42 min Scan# 921

Delta R.T. -0.00 min

Lab File: BF077514.D

Acq: 27 Feb 2015 19:31

Tgt Ion:232 Resp: 117574

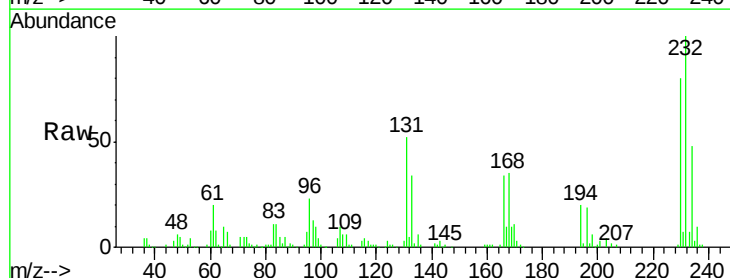
Ion Ratio Lower Upper

232 100

131 47.3 34.2 51.2

130 2.5 1.8 2.6

166 32.1 24.3 36.5

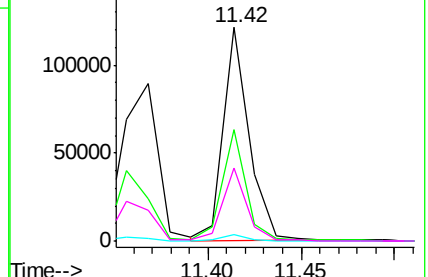
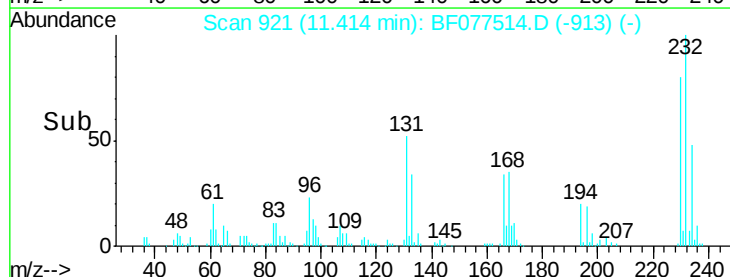


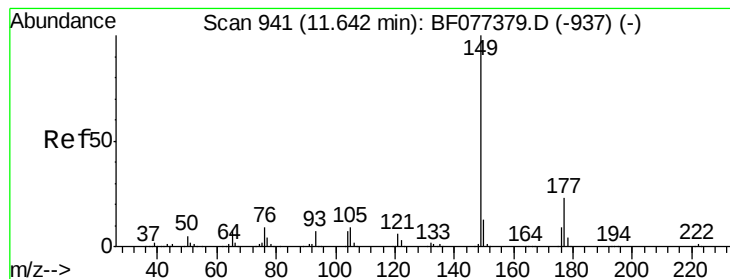
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 34.64 ng

RT: 11.57 min Scan# 935

Delta R.T. -0.00 min

Lab File: BF077514.D

Acq: 27 Feb 2015 19:31

Instrument :

BNA_F

ClientSampleId :

PB81918BS

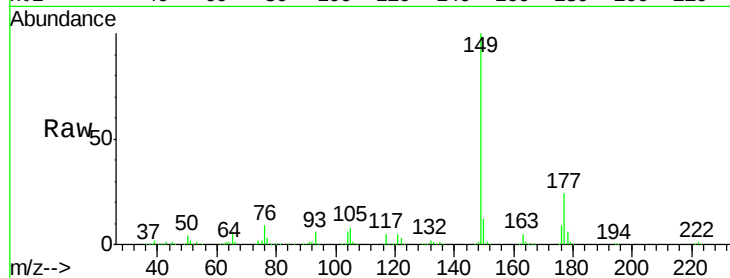
Tot Ion:149 Resp: 495365

Ion Ratio Lower Upper

149 100

177 23.9 17.2 25.8

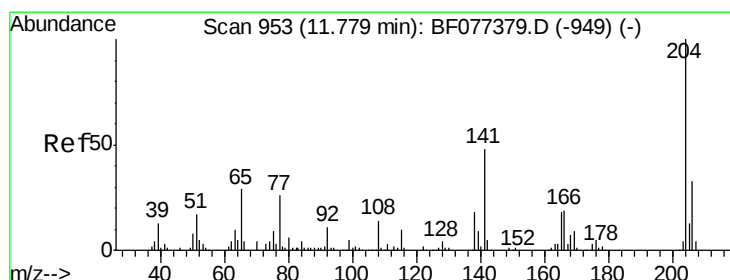
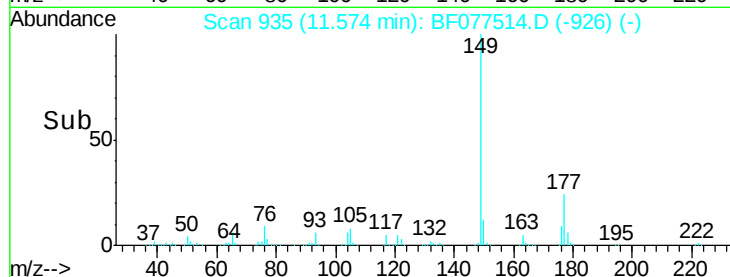
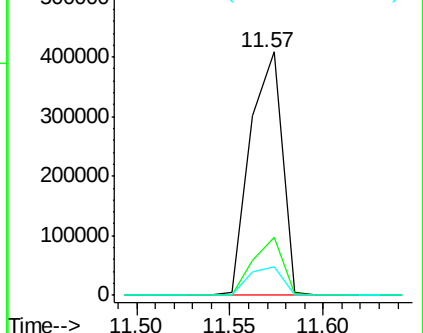
150 11.7 10.5 15.7



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: 33.38 ng

RT: 11.70 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF077514.D

Acq: 27 Feb 2015 19:31

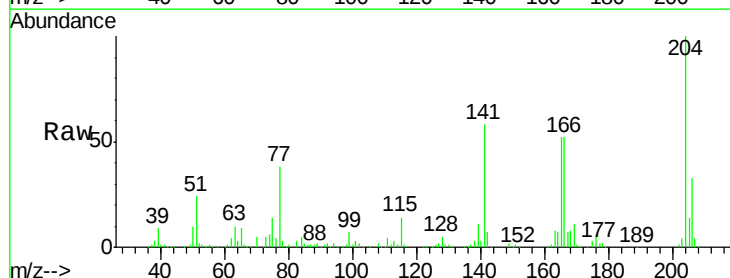
Tgt Ion:204 Resp: 229952

Ion Ratio Lower Upper

204 100

206 32.9 25.9 38.9

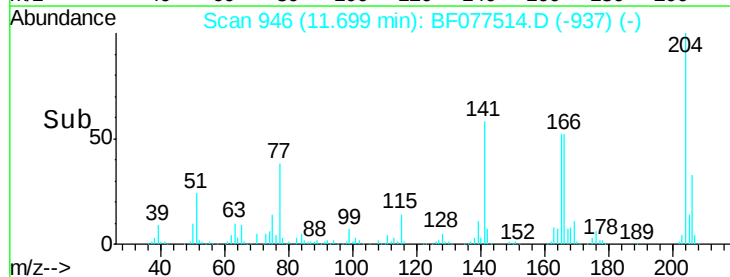
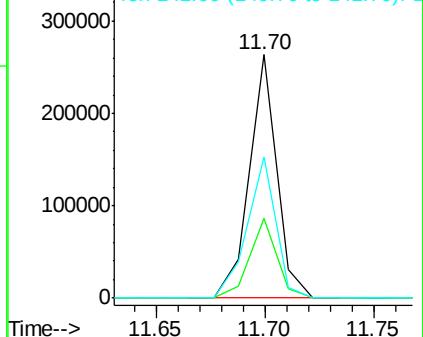
141 58.1 43.6 65.4

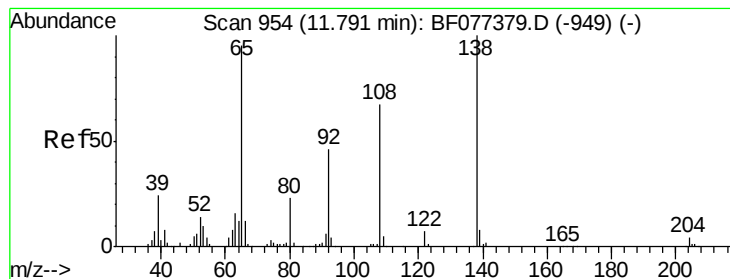


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 33.09 ng

RT: 11.71 min Scan# 947

Delta R.T. -0.00 min

Lab File: BF077514.D

Acq: 27 Feb 2015 19:31

Instrument :

BNA_F

ClientSampleId :

PB81918BS

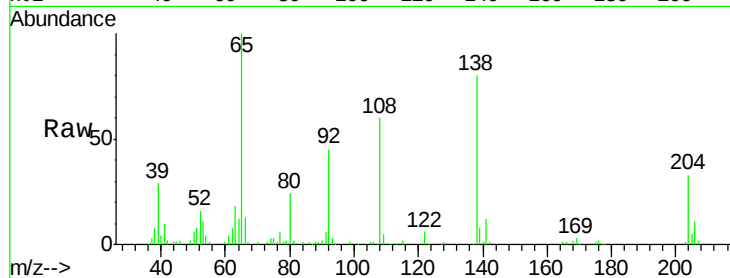
Tot Ion:138 Resp: 106351

Ion Ratio Lower Upper

138 100

92 56.0 32.8 72.8

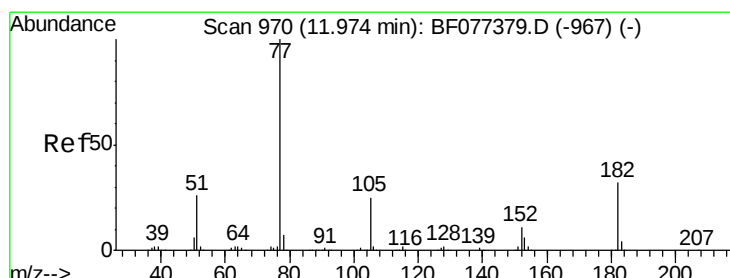
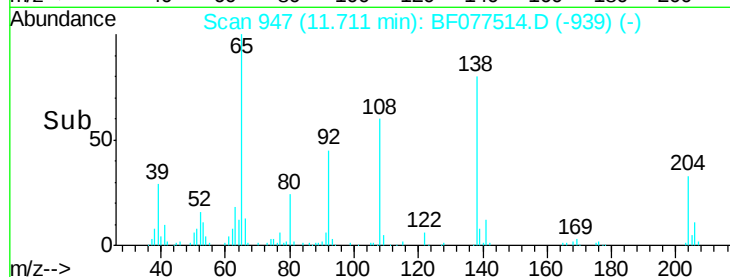
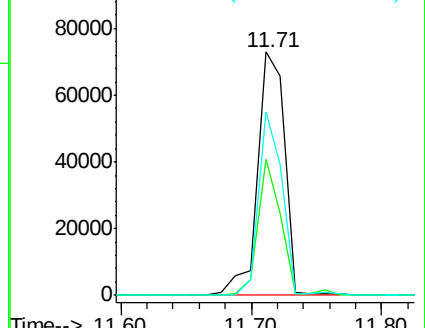
108 75.3 52.1 92.1



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: 34.73 ng

RT: 11.89 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF077514.D

Acq: 27 Feb 2015 19:31

Tgt Ion: 77 Resp: 471242

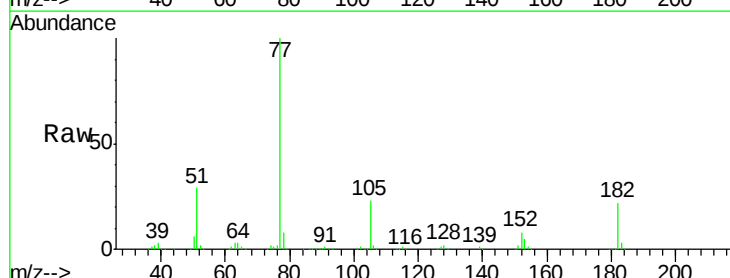
Ion Ratio Lower Upper

77 100

182 22.1 4.9 44.9

105 22.9 3.3 43.3

51 29.2 8.9 48.9

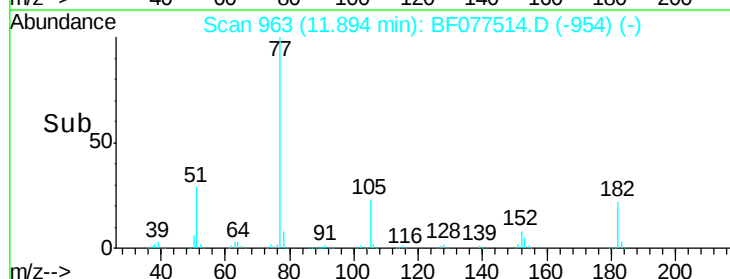
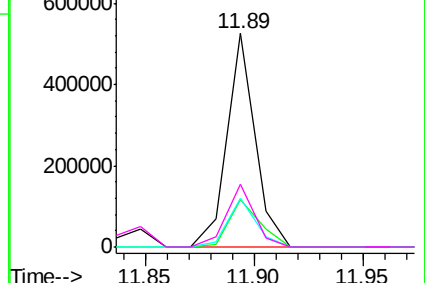


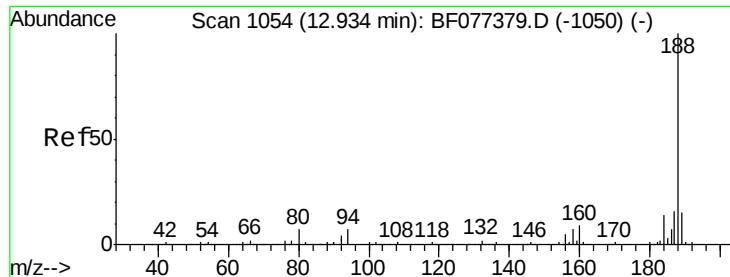
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

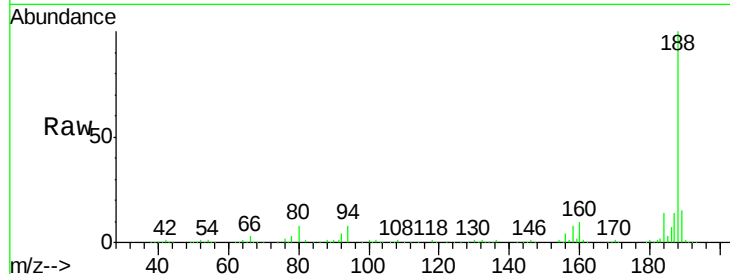




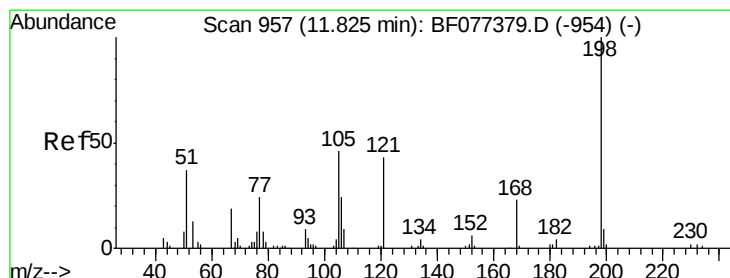
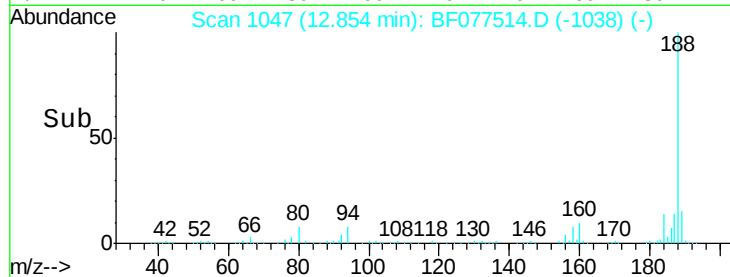
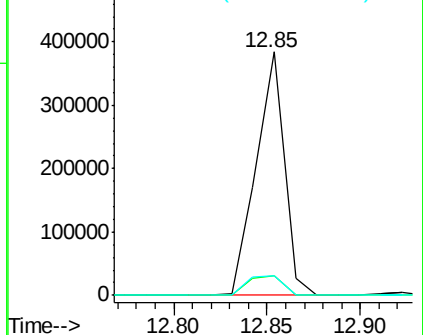
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.85 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF077514.D
Acq: 27 Feb 2015 19:31

Instrument :
BNA_F
ClientSampleId :
PB81918BS

Tot Ion:188 Resp: 401044
Ion Ratio Lower Upper
188 100
94 8.0 7.4 11.2
80 8.2 8.0 12.0

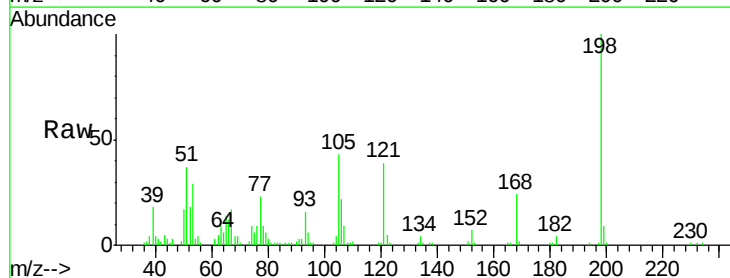


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

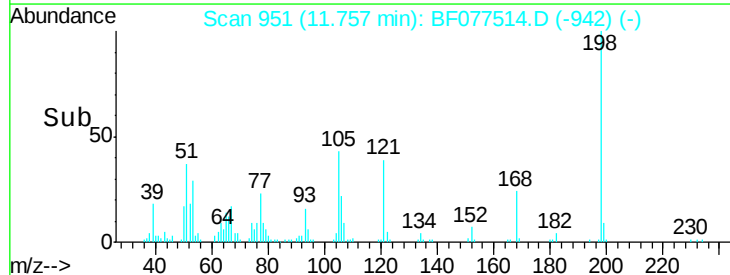
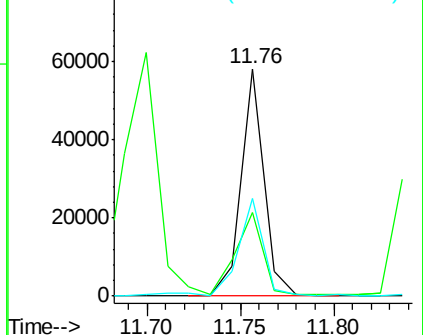


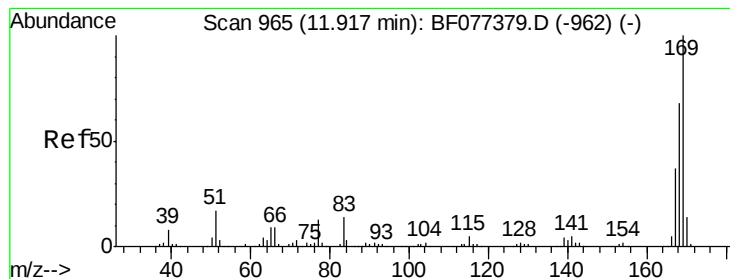
#64
4,6-Dinitro-2-methylphenol
Concen: 32.44 ng
RT: 11.76 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF077514.D
Acq: 27 Feb 2015 19:31

Tgt Ion:198 Resp: 49821
Ion Ratio Lower Upper
198 100
51 36.8 2.7 42.7
105 42.9 10.0 50.0



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

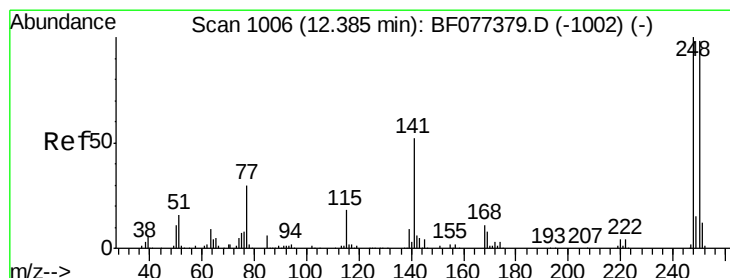
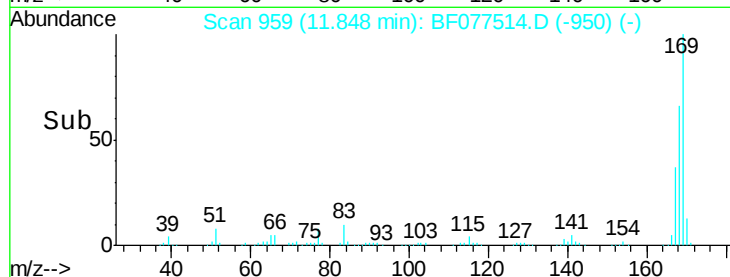
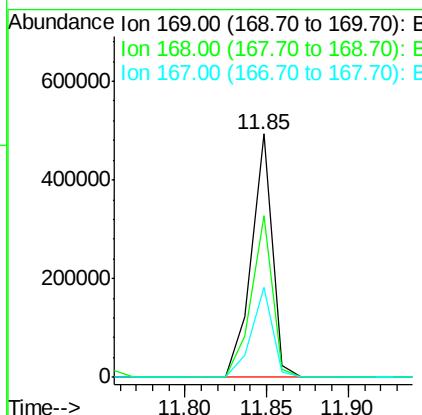
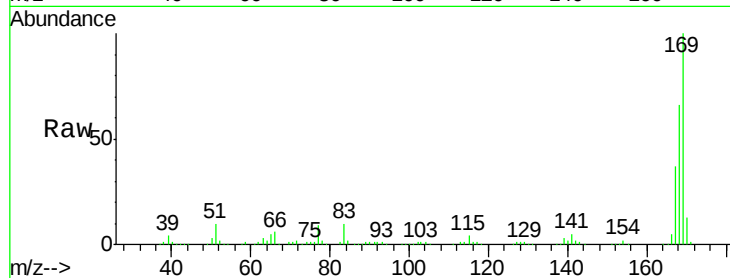




#65
 n-Nitrosodiphenylamine
 Concen: 33.03 ng
 RT: 11.85 min Scan# 959
 Delta R.T. -0.00 min
 Lab File: BF077514.D
 Acq: 27 Feb 2015 19:31

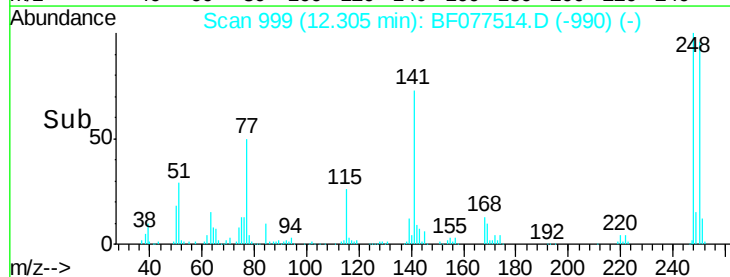
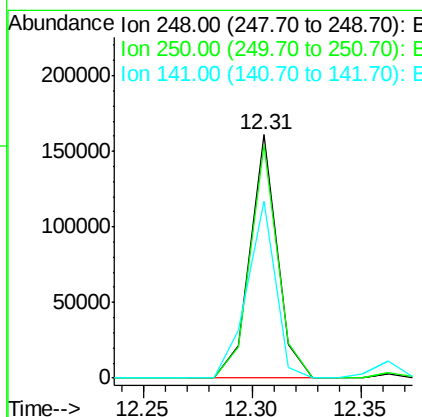
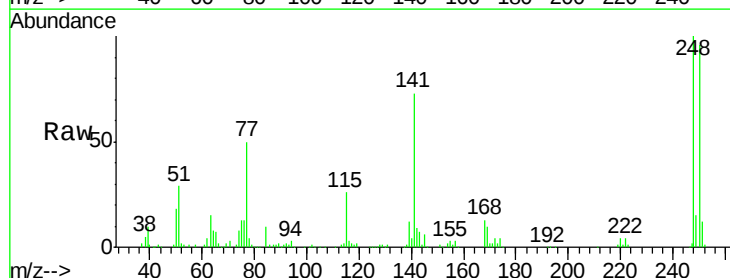
Instrument :
 BNA_F
 ClientSampleId :
 PB81918BS

Tot Ion:169 Resp: 439460
 Ion Ratio Lower Upper
 169 100
 168 66.2 53.0 79.6
 167 36.9 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 29.90 ng
 RT: 12.31 min Scan# 999
 Delta R.T. -0.00 min
 Lab File: BF077514.D
 Acq: 27 Feb 2015 19:31

Tgt Ion:248 Resp: 140404
 Ion Ratio Lower Upper
 248 100
 250 96.0 78.0 117.0
 141 72.7 54.1 81.1

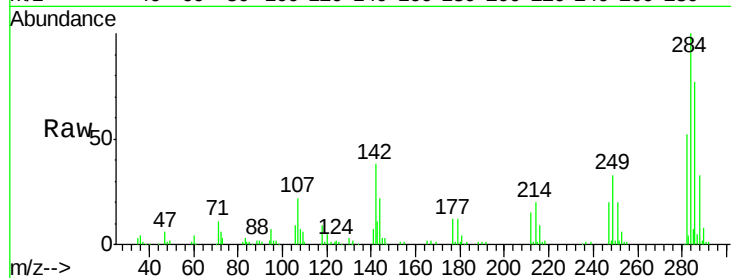




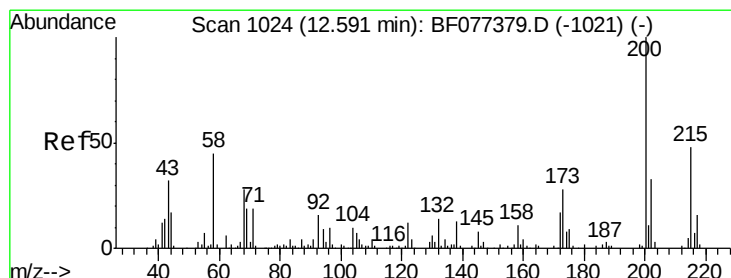
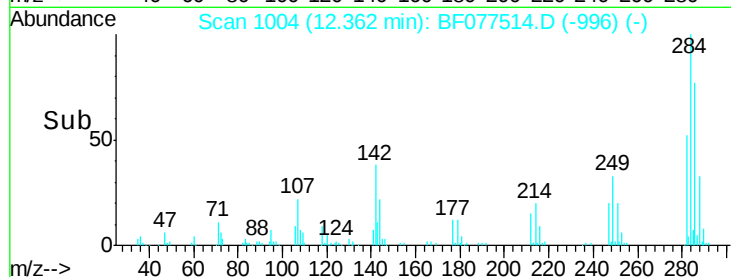
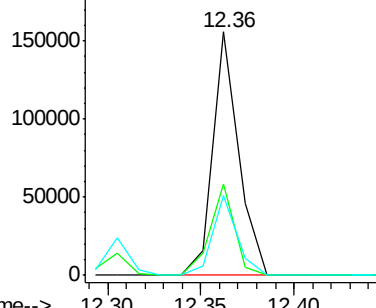
#67
Hexachlorobenzene
Concen: 29.73 ng
RT: 12.36 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF077514.D
Acq: 27 Feb 2015 19:31

Instrument :
BNA_F
ClientSampleId :
PB81918BS

Tot Ion:284 Resp: 149866
Ion Ratio Lower Upper
284 100
142 37.8 31.6 47.4
249 32.8 27.0 40.4

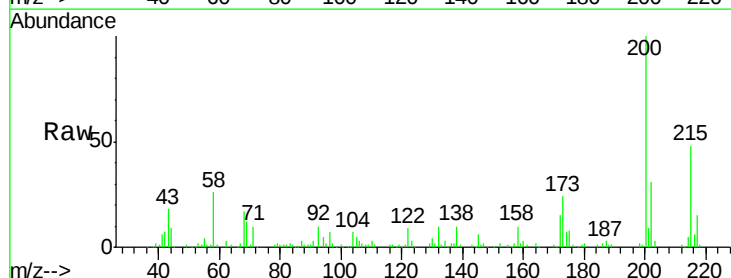


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

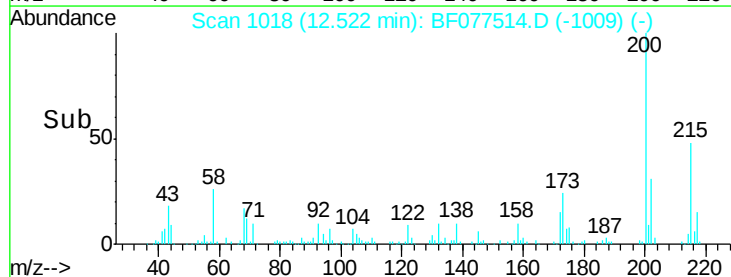
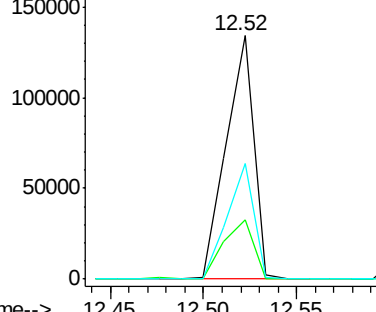


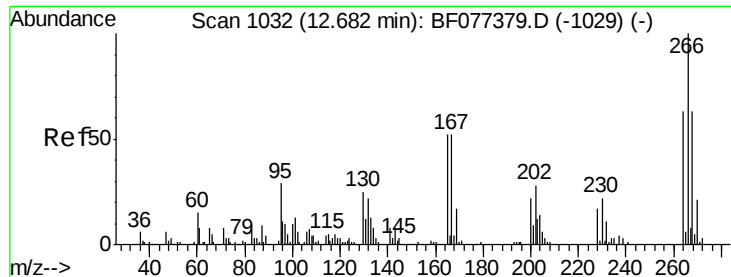
#68
Atrazine
Concen: 32.36 ng
RT: 12.52 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF077514.D
Acq: 27 Feb 2015 19:31

Tgt Ion:200 Resp: 139974
Ion Ratio Lower Upper
200 100
173 24.5 9.6 49.6
215 47.5 24.4 64.4



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

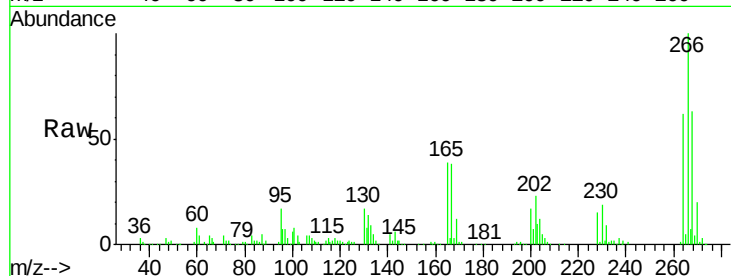




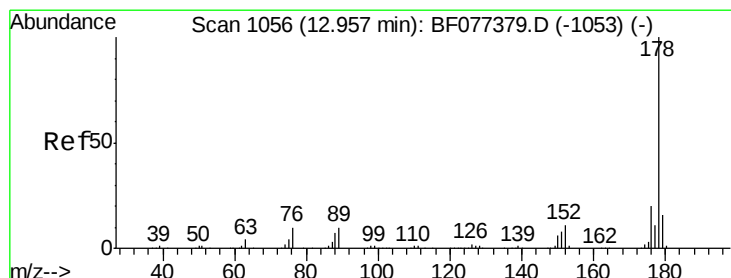
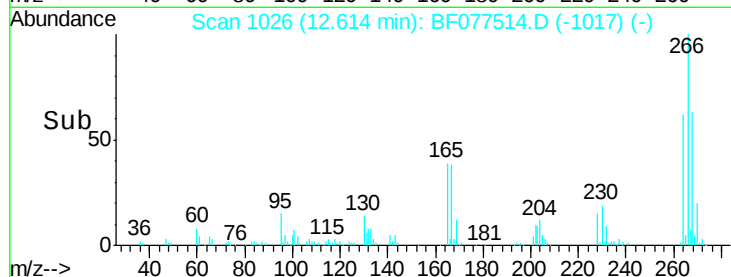
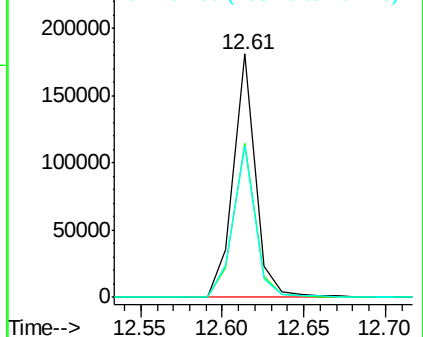
#69
 Pentachlorophenol
 Concen: 64.18 ng
 RT: 12.61 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BF077514.D
 Acq: 27 Feb 2015 19:31

Instrument :
 BNA_F
 ClientSampleId :
 PB81918BS

Tot Ion:266 Resp: 170026
 Ion Ratio Lower Upper
 266 100
 268 63.1 51.2 76.8
 264 62.2 50.7 76.1

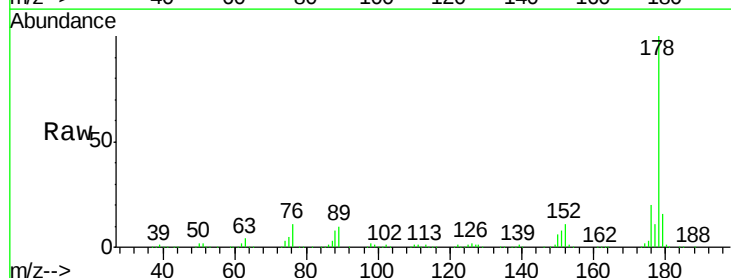


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

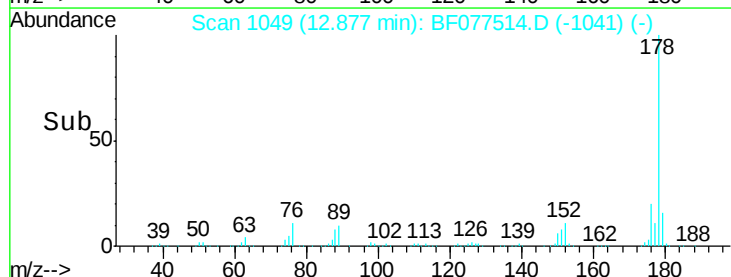
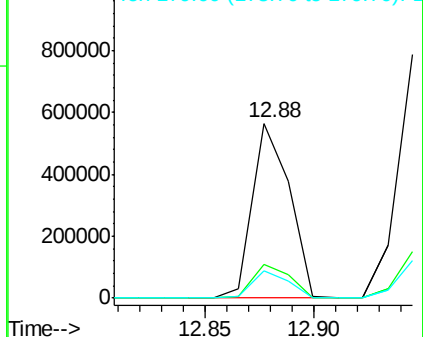


#70
 Phenanthrene
 Concen: 28.86 ng
 RT: 12.88 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BF077514.D
 Acq: 27 Feb 2015 19:31

Tgt Ion:178 Resp: 670936
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.5 23.3
 179 15.9 12.2 18.2



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

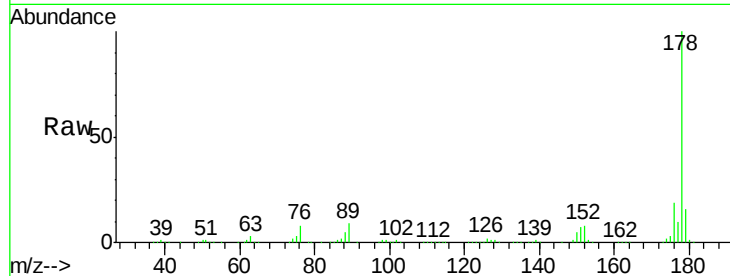




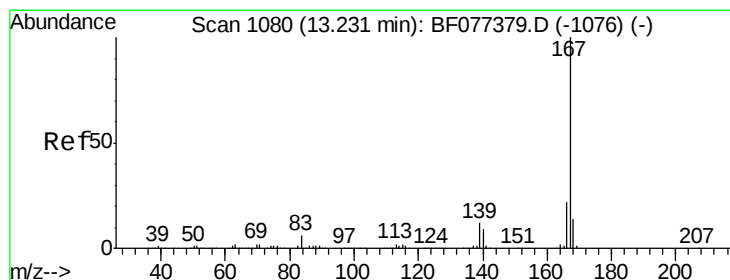
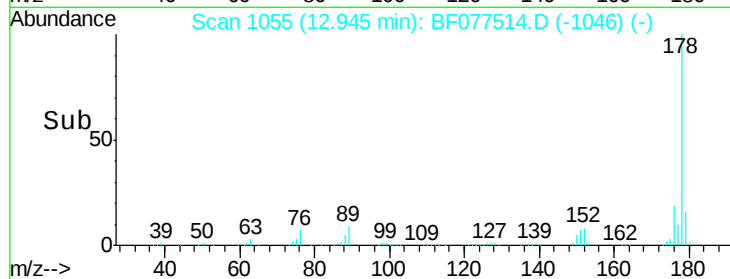
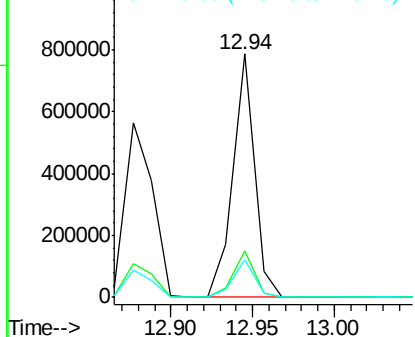
#71
 Anthracene
 Concen: 31.07 ng
 RT: 12.94 min Scan# 1055
 Delta R.T. -0.00 min
 Lab File: BF077514.D
 Acq: 27 Feb 2015 19:31

Instrument :
 BNA_F
 ClientSampleId :
 PB81918BS

Tot Ion:178 Resp: 716712
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.0
 179 15.6 12.9 19.3

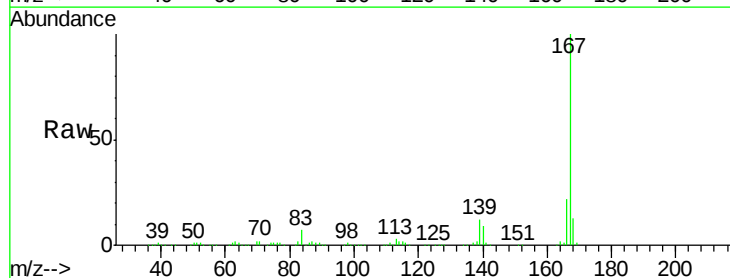


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

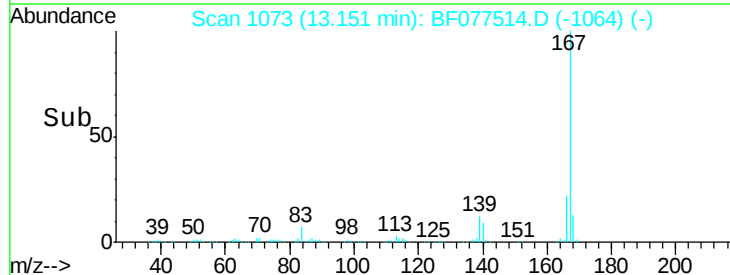
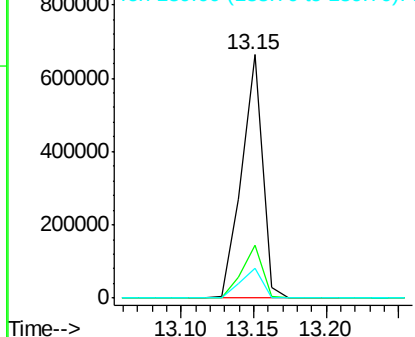


#72
 Carbazole
 Concen: 30.41 ng
 RT: 13.15 min Scan# 1073
 Delta R.T. -0.00 min
 Lab File: BF077514.D
 Acq: 27 Feb 2015 19:31

Tgt Ion:167 Resp: 666937
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 12.2 9.9 14.9



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: 31.56 ng

RT: 13.60 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BF077514.D

Acq: 27 Feb 2015 19:31

Instrument :

BNA_F

ClientSampleId :

PB81918BS

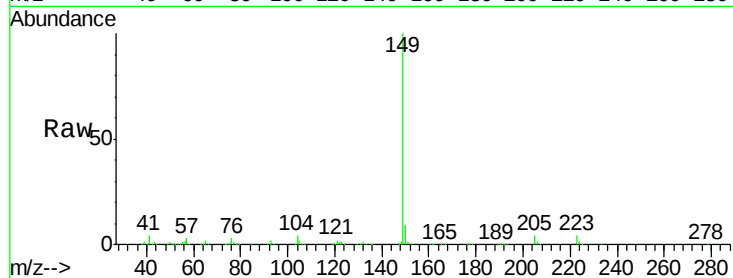
Tot Ion:149 Resp: 812808

Ion Ratio Lower Upper

149 100

150 8.8 7.8 11.8

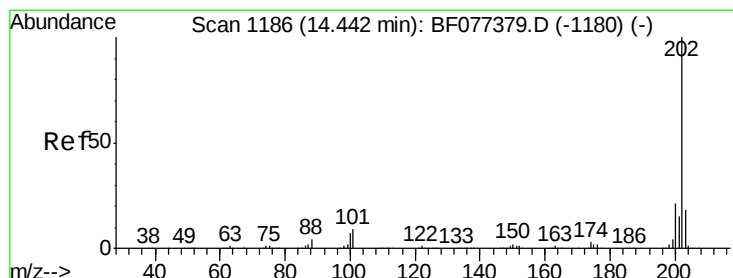
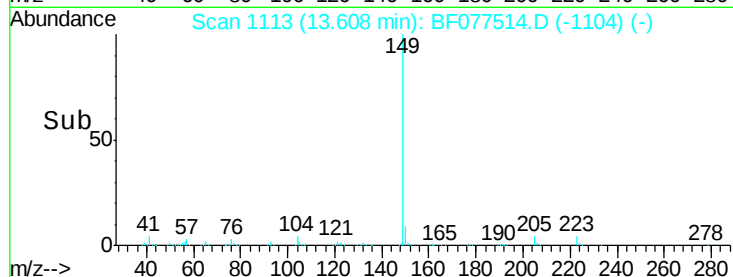
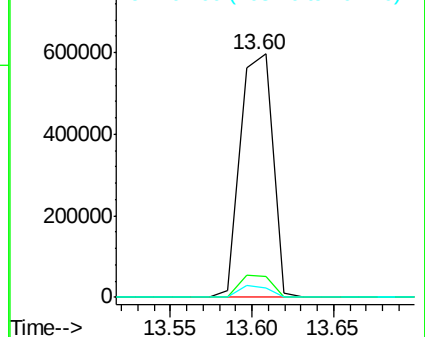
104 3.9 4.1 6.1#



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: 29.72 ng

RT: 14.36 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BF077514.D

Acq: 27 Feb 2015 19:31

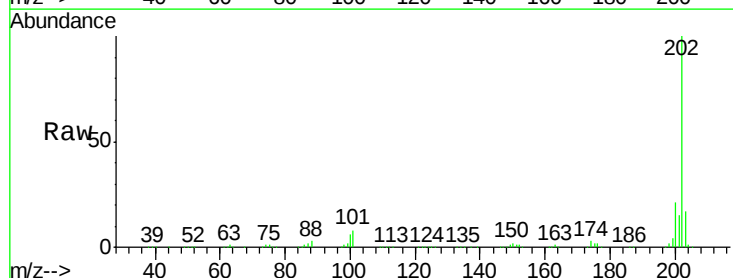
Tgt Ion:202 Resp: 754592

Ion Ratio Lower Upper

202 100

101 8.1 0.0 30.8

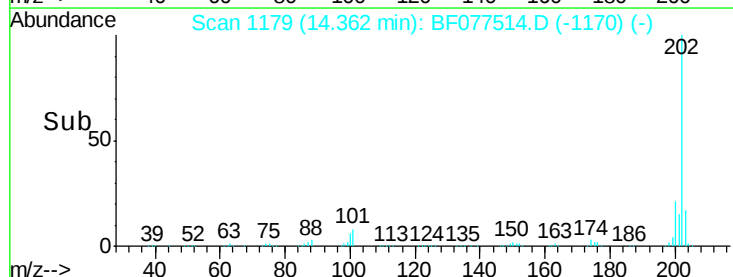
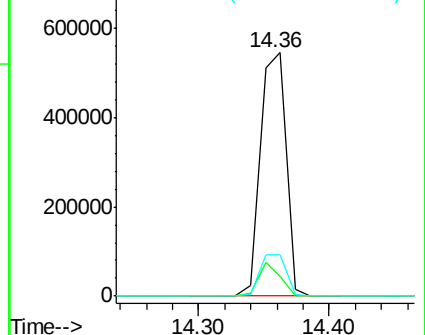
203 16.9 0.0 37.7

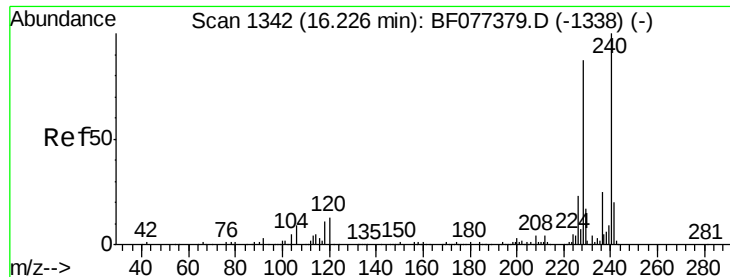


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.15 min Scan# 1335

Delta R.T. 0.00 min

Lab File: BF077514.D

Acq: 27 Feb 2015 19:31

Instrument :

BNA_F

ClientSampleId :

PB81918BS

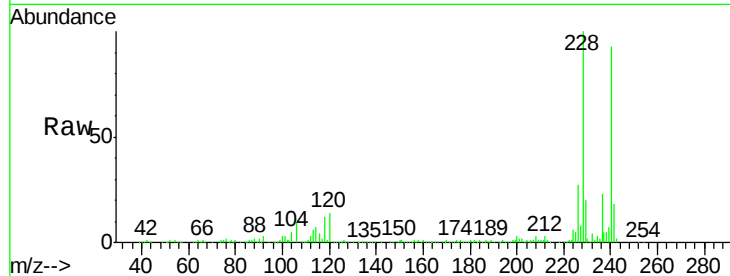
Tot Ion:240 Resp: 396533

Ion Ratio Lower Upper

240 100

120 15.3 8.8 13.2#

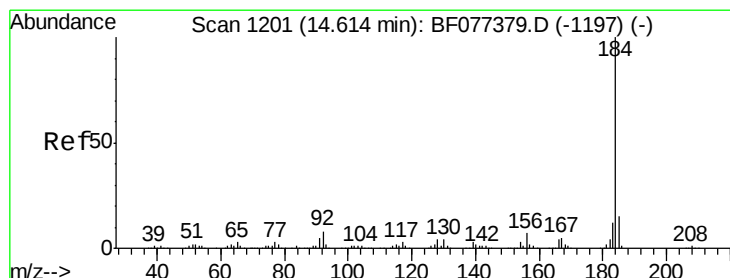
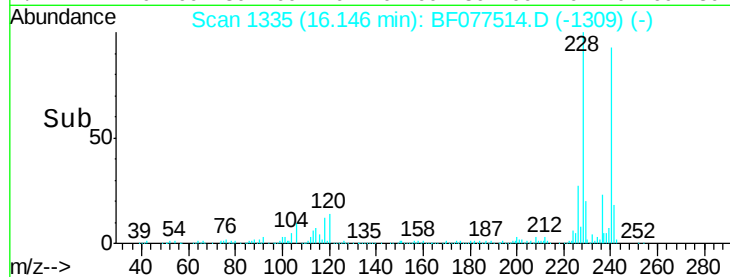
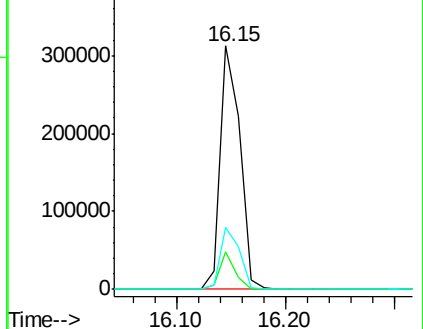
236 25.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 28.27 ng

RT: 14.54 min Scan# 1194

Delta R.T. -0.00 min

Lab File: BF077514.D

Acq: 27 Feb 2015 19:31

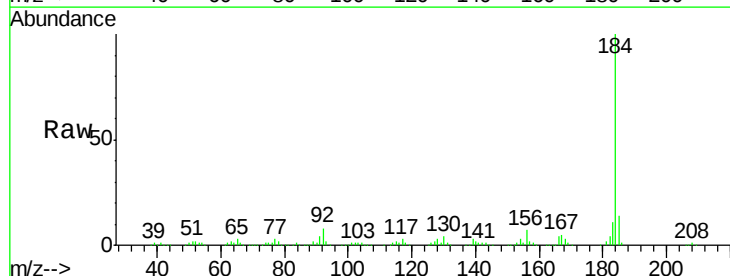
Tgt Ion:184 Resp: 378787

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

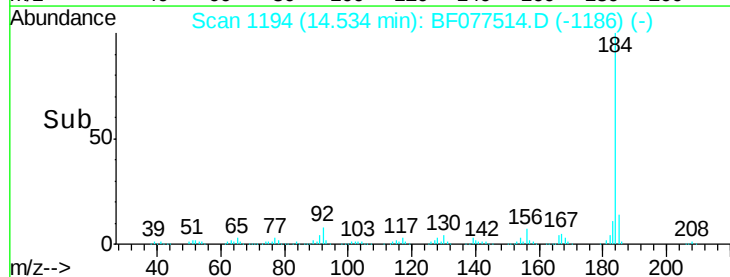
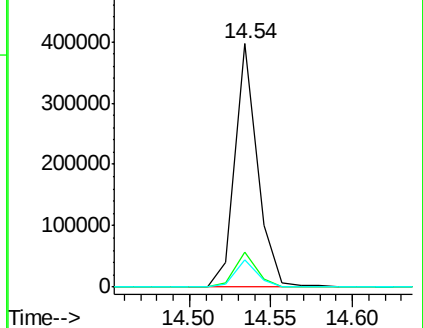
183 11.4 9.3 13.9

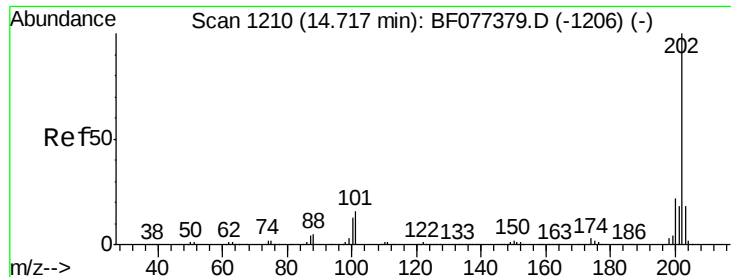


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

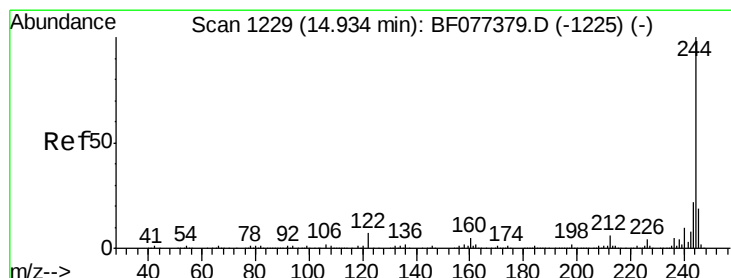
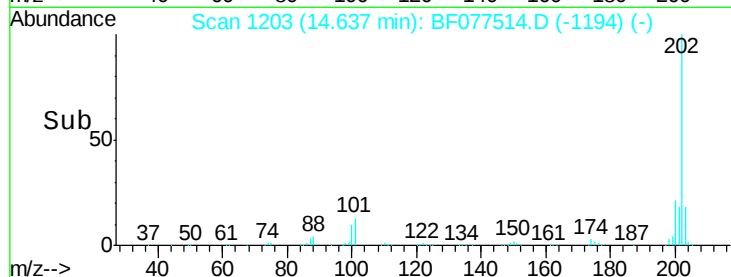
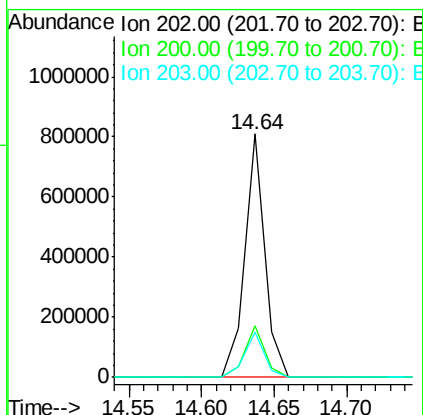
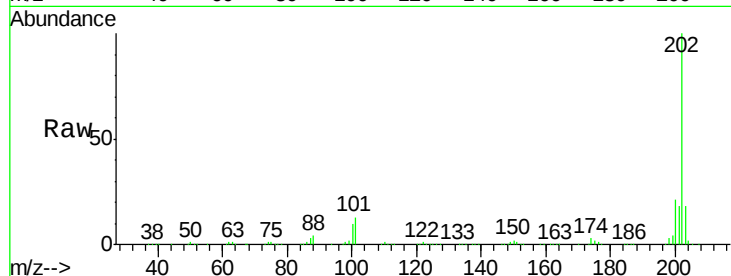




#77
Pvrene
Concen: 31.93 ng
RT: 14.64 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BF077514.D
Acq: 27 Feb 2015 19:31

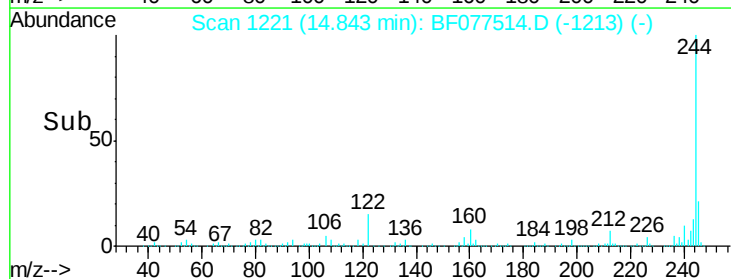
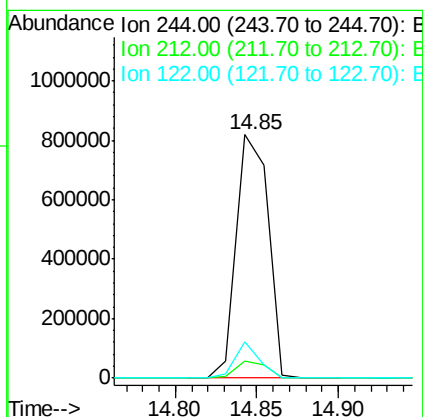
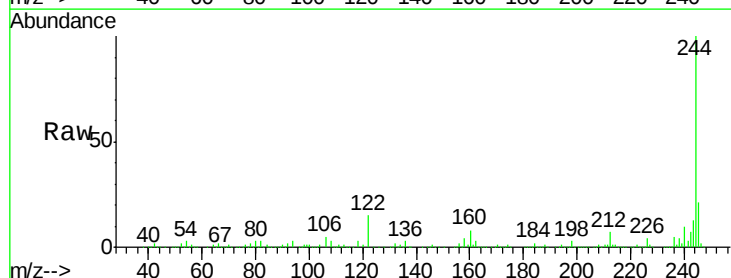
Instrument :
BNA_F
ClientSampleId :
PB81918BS

Tot Ion:202 Resp: 774419
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 18.5 14.2 21.2



#78
Terphenyl-d14
Concen: 64.97 ng
RT: 14.85 min Scan# 1221
Delta R.T. -0.00 min
Lab File: BF077514.D
Acq: 27 Feb 2015 19:31

Tgt Ion:244 Resp: 1102035
Ion Ratio Lower Upper
244 100
212 7.1 5.2 7.8
122 15.0 7.8 11.8#

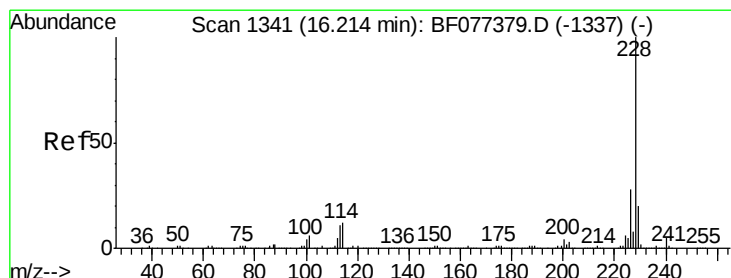
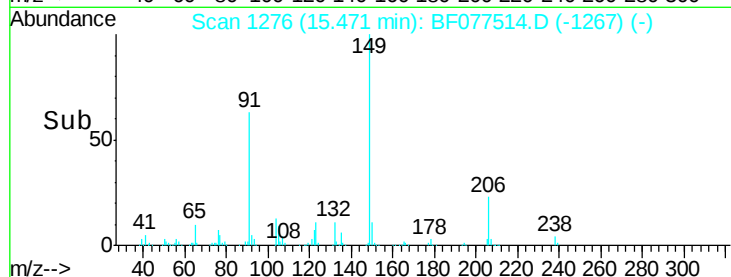
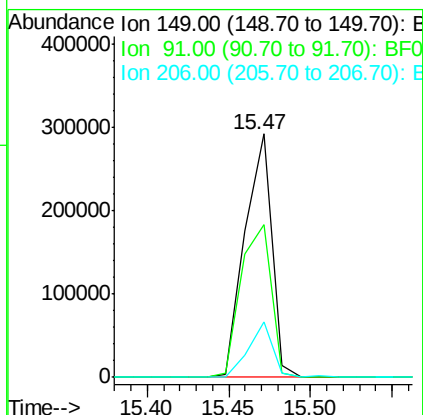
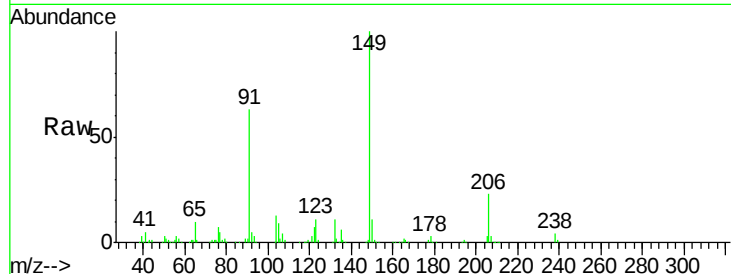




#79
Butylbenzylphthalate
Concen: 33.36 ng
RT: 15.47 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BF077514.D
Acq: 27 Feb 2015 19:31

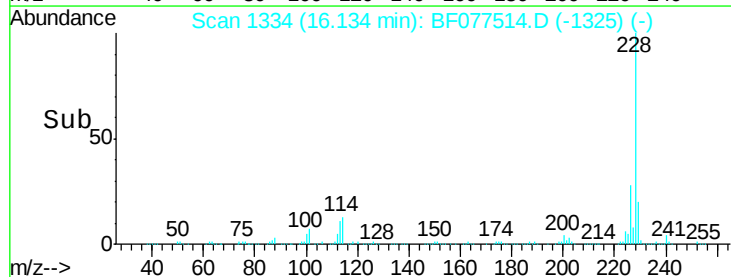
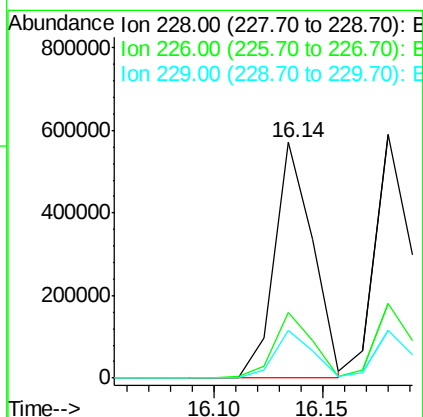
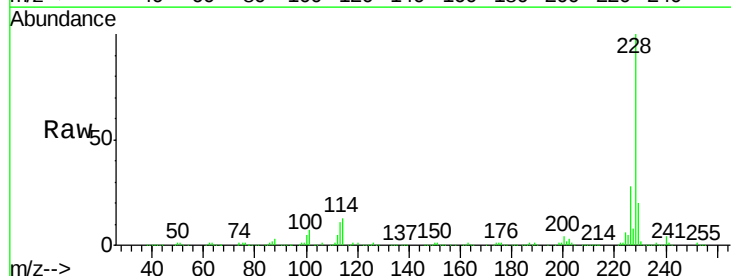
Instrument :
BNA_F
ClientSampleId :
PB81918BS

Tgt Ion	Ratio	Lower	Upper
149	100		
91	62.7	51.2	76.8
206	22.6	17.8	26.8



#80
Benzo(a)anthracene
Concen: 30.18 ng
RT: 16.14 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF077514.D
Acq: 27 Feb 2015 19:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.0	33.0
229	20.3	15.8	23.8

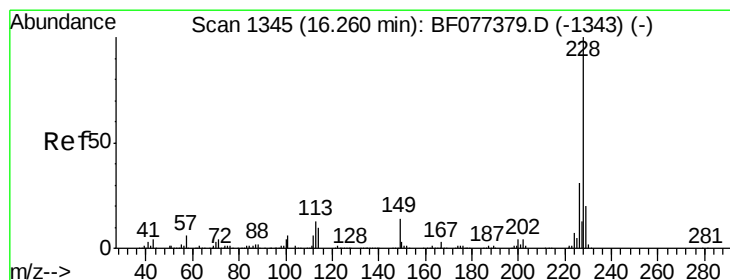
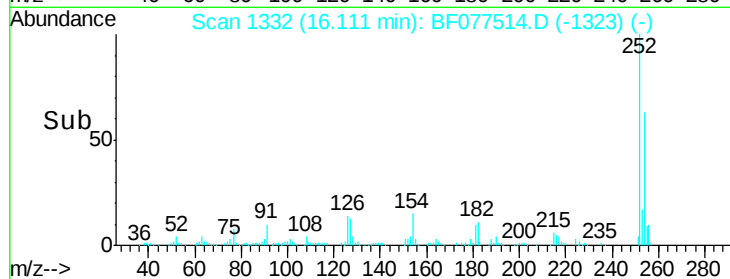
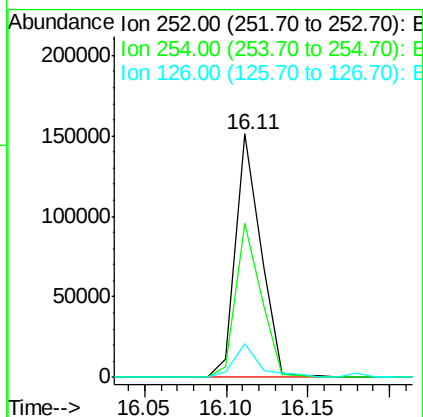
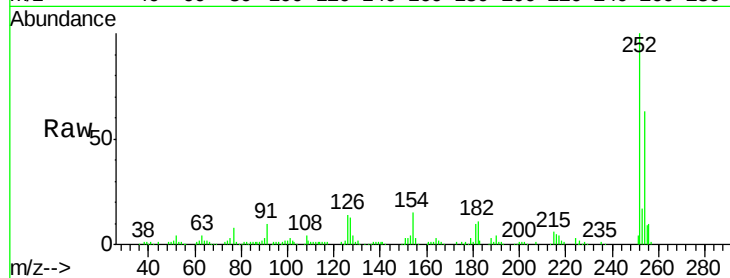




#81
 3,3'-Dichlorobenzidine
 Concen: 19.00 ng
 RT: 16.11 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BF077514.D
 Acq: 27 Feb 2015 19:31

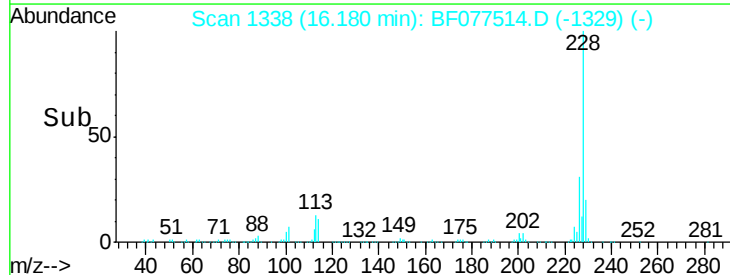
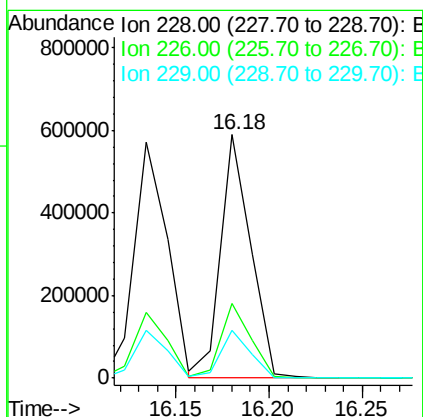
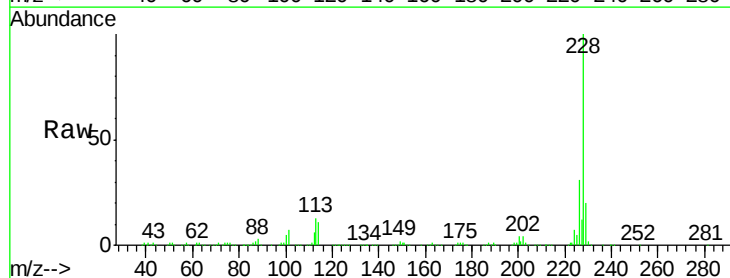
Instrument :
 BNA_F
 ClientSampleId :
 PB81918BS

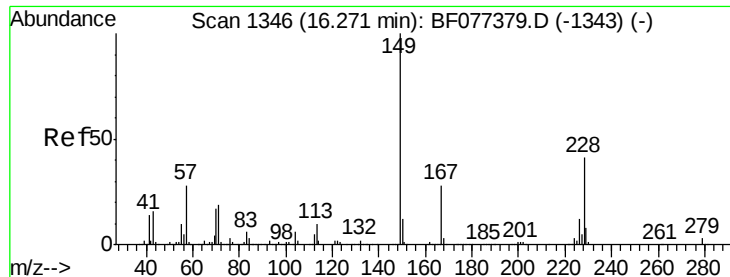
Tot Ion:252 Resp: 161791
 Ion Ratio Lower Upper
 252 100
 254 63.1 52.9 79.3
 126 13.8 7.3 10.9#



#82
 Chrysene
 Concen: 30.36 ng
 RT: 16.18 min Scan# 1338
 Delta R.T. 0.00 min
 Lab File: BF077514.D
 Acq: 27 Feb 2015 19:31

Tgt Ion:228 Resp: 662565
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.9 37.3
 229 19.7 16.4 24.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 32.73 ng

RT: 16.20 min Scan# 1340

Delta R.T. 0.01 min

Lab File: BF077514.D

Acq: 27 Feb 2015 19:31

Instrument :

BNA_F

ClientSampleId :

PB81918BS

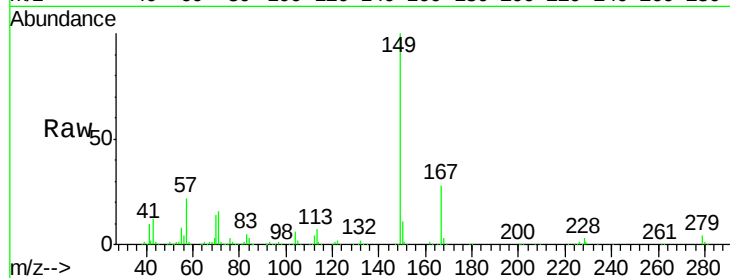
Tot Ion:149 Resp: 523795

Ion Ratio Lower Upper

149 100

167 27.7 22.8 34.2

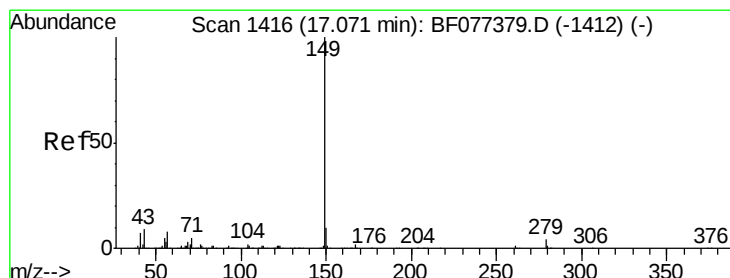
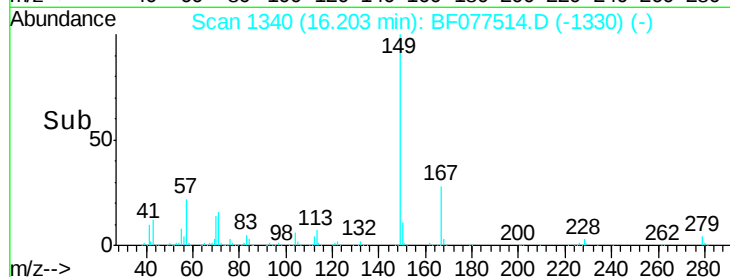
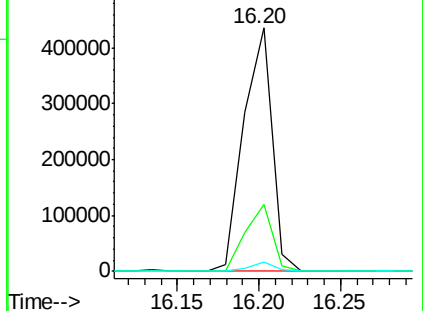
279 4.1 3.8 5.6



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: 32.96 ng

RT: 17.01 min Scan# 1411

Delta R.T. 0.01 min

Lab File: BF077514.D

Acq: 27 Feb 2015 19:31

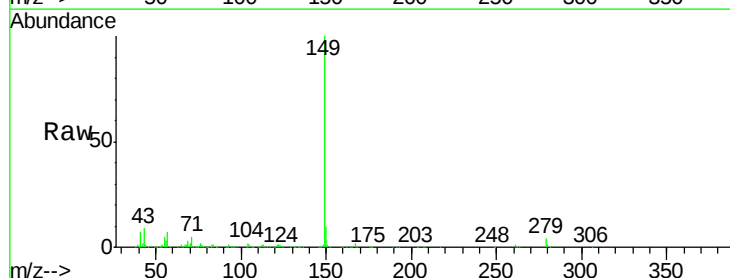
Tgt Ion:149 Resp: 880631

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

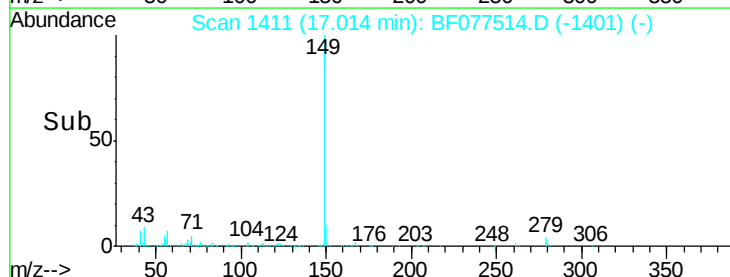
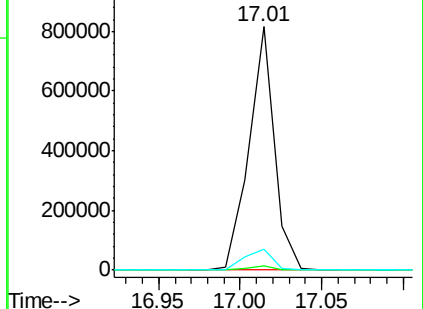
43 9.7 8.1 12.1



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

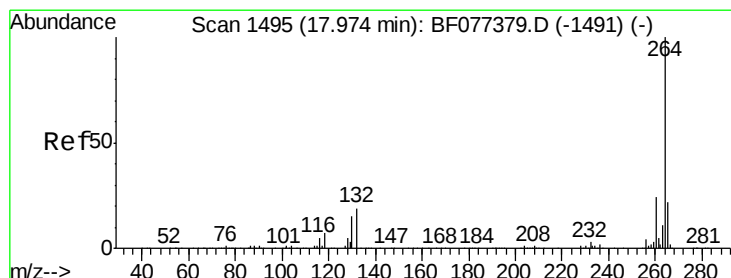
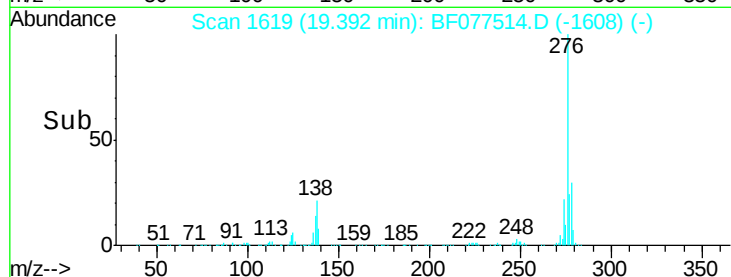
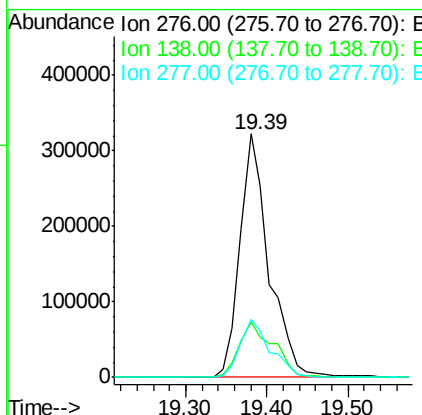
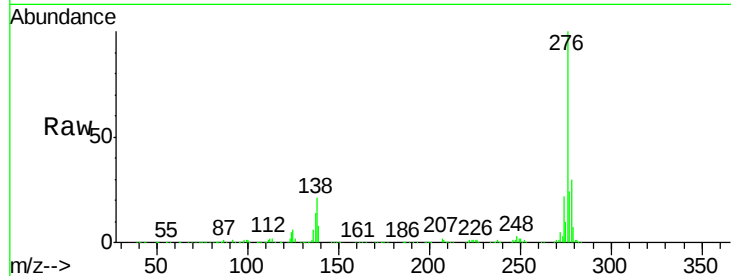




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.00 ng/mL
 RT: 19.39 min Scan# 1619
 Delta R.T. 0.02 min
 Lab File: BF077514.D
 Acq: 27 Feb 2015 19:31

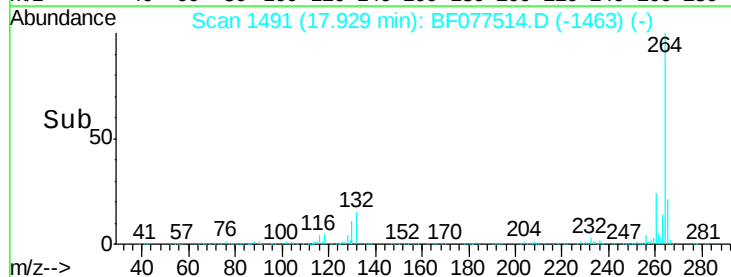
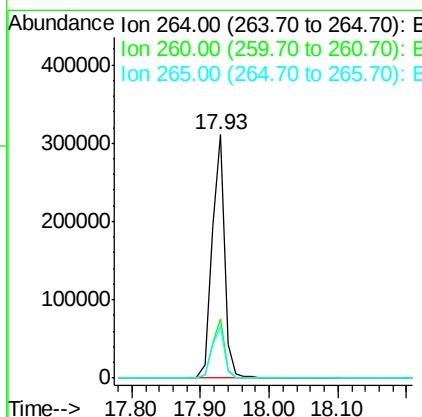
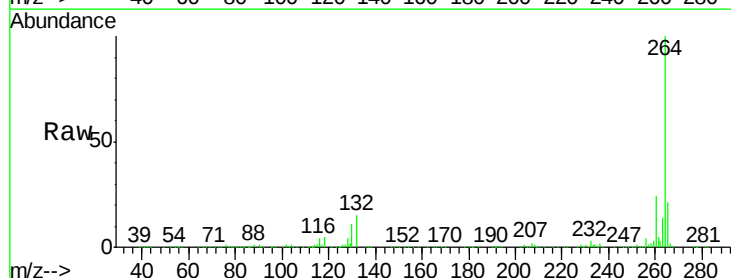
Instrument :
 BNA_F
 ClientSampleId :
 PB81918BS

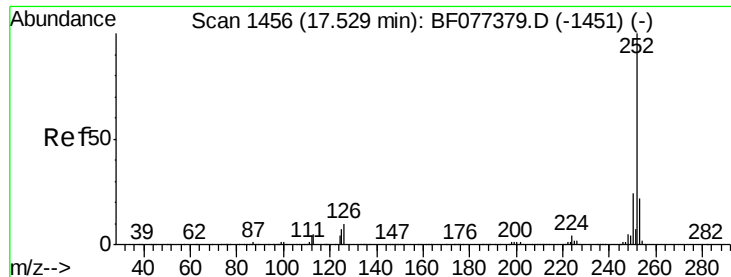
Tot Ion	Ion	Ratio	Lower	Upper
276	100			
138	26.3	21.2	31.8	
277	24.4	20.0	30.0	



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.93 min Scan# 1491
 Delta R.T. 0.02 min
 Lab File: BF077514.D
 Acq: 27 Feb 2015 19:31

Tgt Ion	Ion	Ratio	Lower	Upper
264	100			
260	24.4	19.3	28.9	
265	21.3	16.8	25.2	

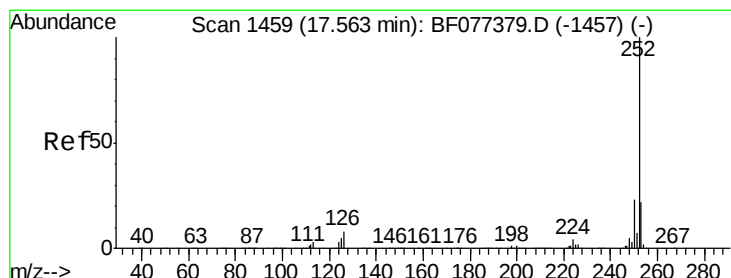
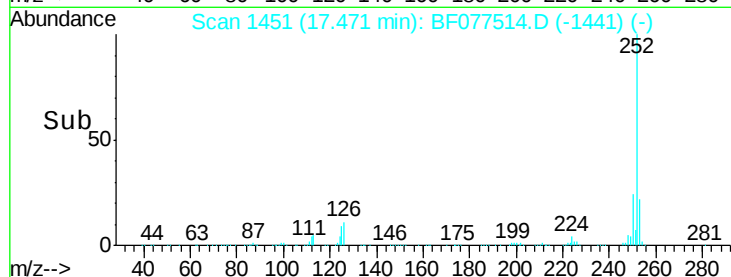
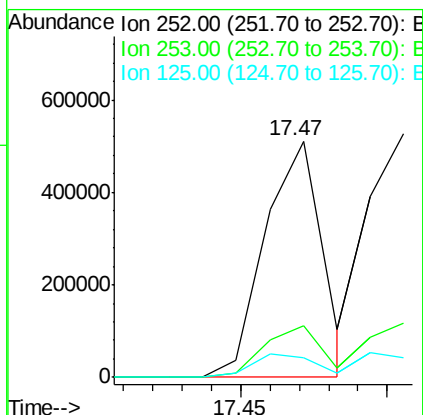
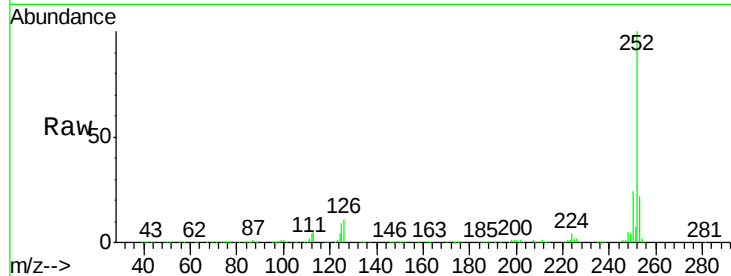




#87
Benzo(b)fluoranthene
Concen: 30.06 ng m
RT: 17.47 min Scan# 1451
Delta R.T. 0.02 min
Lab File: BF077514.D
Acq: 27 Feb 2015 19:31

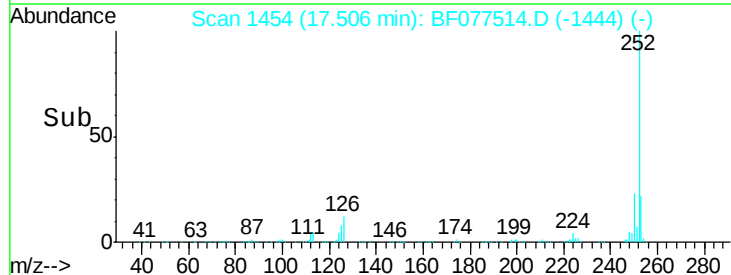
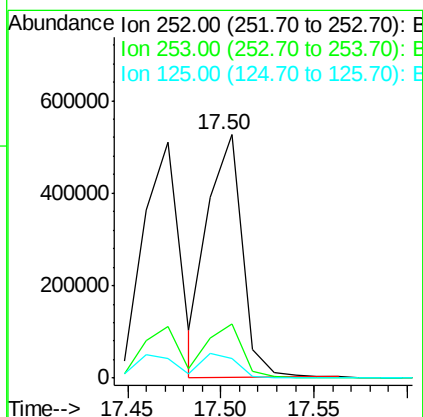
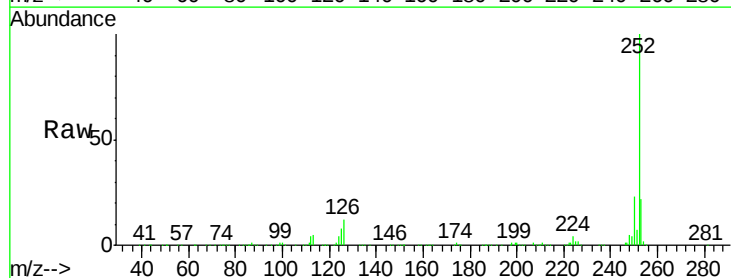
Instrument :
BNA_F
ClientSampleId :
PB81918BS

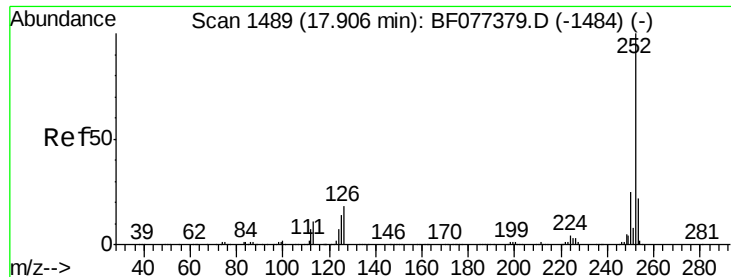
Tot Ion:252 Resp: 695499
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 8.5 5.4 8.2#



#88
Benzo(k)fluoranthene
Concen: 29.96 ng
RT: 17.50 min Scan# 1454
Delta R.T. 0.01 min
Lab File: BF077514.D
Acq: 27 Feb 2015 19:31

Tgt Ion:252 Resp: 679357
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 7.9 10.1 15.1#





#89

Benzo(a)pyrene

Concen: 30.28 ng

RT: 17.86 min Scan# 1485

Delta R.T. 0.01 min

Lab File: BF077514.D

Acq: 27 Feb 2015 19:31

Instrument :

BNA_F

ClientSampleId :

PB81918BS

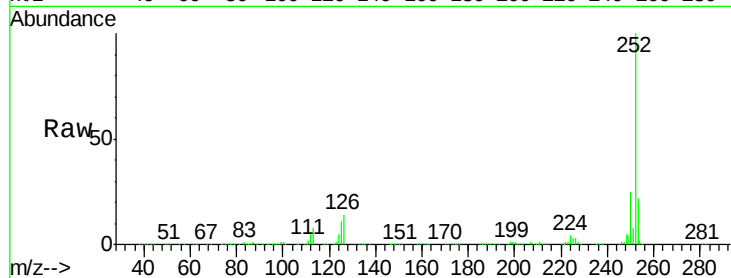
Tot Ion:252 Resp: 667377

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

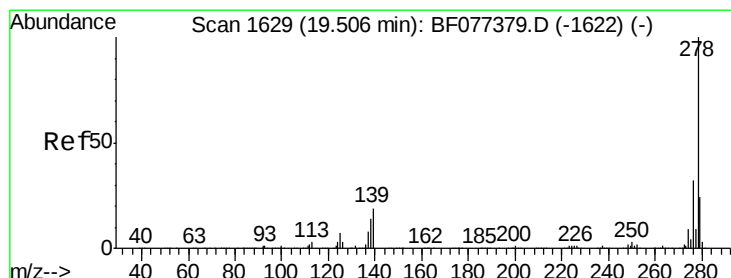
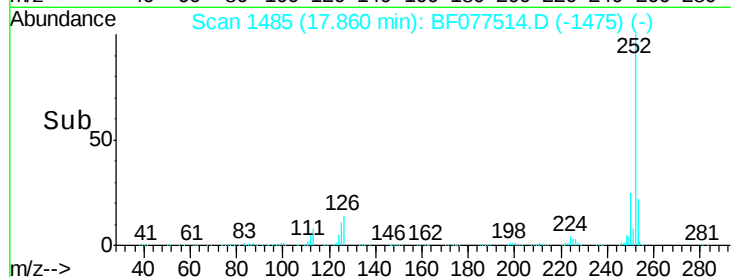
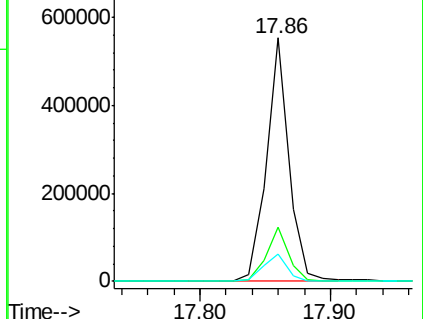
125 11.2 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 31.31 ng

RT: 19.41 min Scan# 1621

Delta R.T. 0.02 min

Lab File: BF077514.D

Acq: 27 Feb 2015 19:31

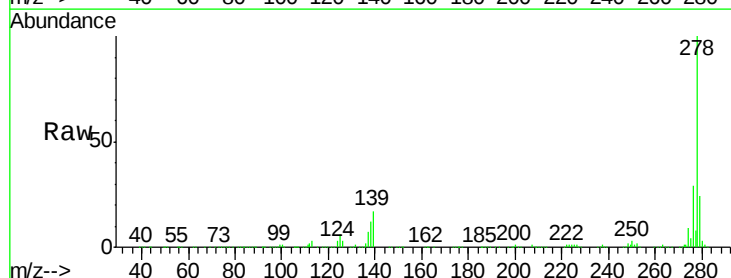
Tgt Ion:278 Resp: 657999

Ion Ratio Lower Upper

278 100

139 16.7 14.3 21.5

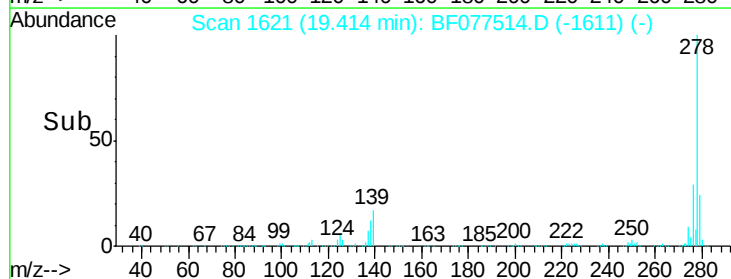
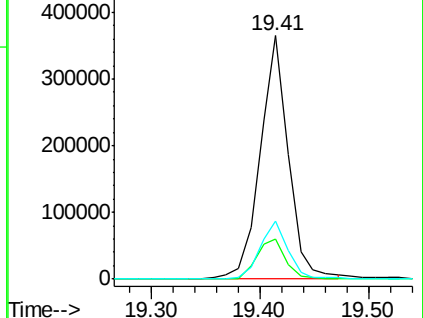
279 24.0 19.0 28.6

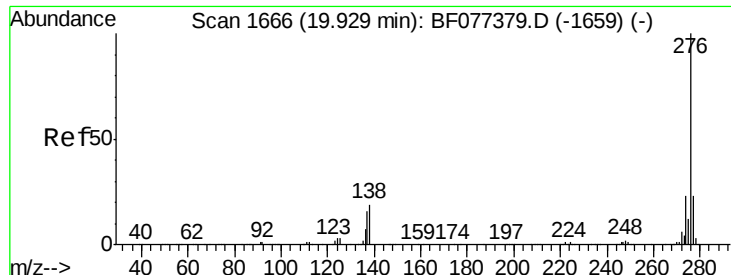


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 30.73 ng
 RT: 19.81 min Scan# 1656
 Delta R.T. 0.02 min
 Lab File: BF077514.D
 Acq: 27 Feb 2015 19:31

Instrument :
 BNA_F
 ClientSampleId :
 PB81918BS

Tot Ion:	276	Resp:	651891
Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.9	28.3
138	23.5	20.5	30.7

