

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 27 22:41:14 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

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

						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

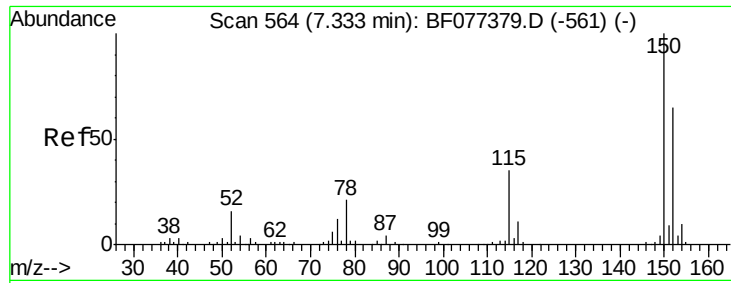
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022715\
 Data File : BF077514.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.07	196	128116	32.67	ng	97
43) 2,4,5-Trichlorophenol	10.11	196	138284	32.98	ng #	83
45) 1,1'-Biphenyl	10.30	154	523517	33.49	ng	99
46) 2-Chloronaphthalene	10.32	162	399788	32.61	ng	93
47) 2-Nitroaniline	10.45	65	115904	38.40	ng #	71
48) Acenaphthylene	10.83	152	632351	32.58	ng	99
49) Dimethylphthalate	10.69	163	500910	34.53	ng	98
50) 2,6-Dinitrotoluene	10.76	165	106622	36.65	ng #	75
51) Acenaphthene	11.05	154	375408	32.41	ng	100
52) 3-Nitroaniline	10.96	138	74947	22.35	ng	90
53) 2,4-Dinitrophenol	11.10	184	65431	73.92	ng #	60
54) Dibenzofuran	11.27	168	595647	33.31	ng	100
55) 4-Nitrophenol	11.17	139	167684	62.16	ng #	66
56) 2,4-Dinitrotoluene	11.26	165	132725	33.77	ng #	77
57) Fluorene	11.69	166	475988	33.29	ng	98
58) 2,3,4,6-Tetrachlorophenol	11.42	232	117574	34.88	ng	95
59) Diethylphthalate	11.57	149	495365	34.64	ng	96
60) 4-Chlorophenyl-phenylether	11.70	204	229952	33.38	ng	97
61) 4-Nitroaniline	11.71	138	106351	33.09	ng	96
62) Azobenzene	11.89	77	471242	34.73	ng	98
64) 4,6-Dinitro-2-methylphenol	11.76	198	49821	32.44	ng	74
65) n-Nitrosodiphenylamine	11.85	169	439460	33.03	ng	100
66) 4-Bromophenyl-phenylether	12.31	248	140404	29.90	ng	97
67) Hexachlorobenzene	12.36	284	149866	29.73	ng	98
68) Atrazine	12.52	200	139974	32.36	ng	93
69) Pentachlorophenol	12.61	266	170026	64.18	ng	99
70) Phenanthrene	12.88	178	670936	28.86	ng	99
71) Anthracene	12.94	178	716712	31.07	ng	99
72) Carbazole	13.15	167	666937	30.41	ng	100
73) Di-n-butylphthalate	13.60	149	812808	31.56	ng #	97
74) Fluoranthene	14.36	202	754592	29.72	ng	96
76) Benzidine	14.54	184	378787	28.27	ng	98
77) Pyrene	14.64	202	774419	31.93	ng	99
79) Butylbenzylphthalate	15.47	149	332907	33.36	ng	99
80) Benzo(a)anthracene	16.14	228	701283	30.18	ng	99
81) 3,3'-Dichlorobenzidine	16.11	252	161791	19.00	ng #	95
82) Chrysene	16.18	228	662565	30.36	ng	99
83) Bis(2-ethylhexyl)phthalate	16.20	149	523795	32.73	ng	98
84) Di-n-octyl phthalate	17.01	149	880631	32.96	ng	99
85) Indeno(1,2,3-cd)pyrene	19.39	276	772498	31.05	ng	99
87) Benzo(b)fluoranthene	17.50	252	654934	28.30	ng	99
88) Benzo(k)fluoranthene	17.50	252	679357	29.96	ng #	95
89) Benzo(a)pyrene	17.86	252	667377	30.28	ng	99
90) Dibenzo(a,h)anthracene	19.41	278	657999	31.31	ng	99
91) Benzo(g,h,i)perylene	19.81	276	651891	30.73	ng	97

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

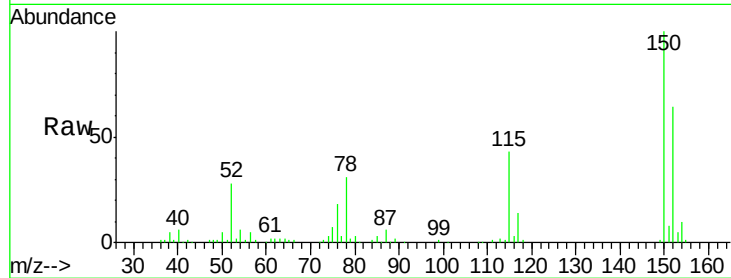


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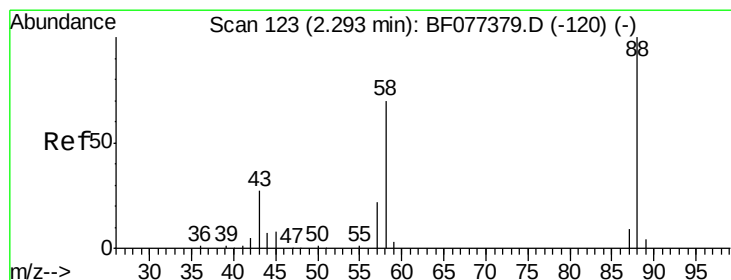
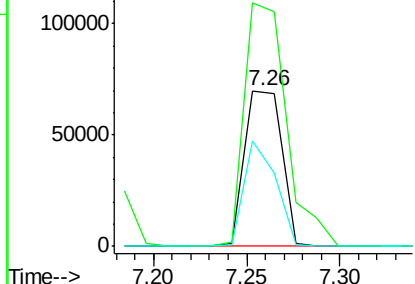
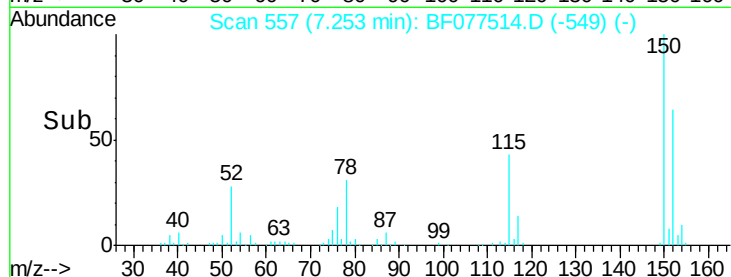
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.26 min Scan# 557
 Delta R.T. -0.00 min
 Lab File: BF077514.D
 Acq: 27 Feb 2015 19:31

Instrument :
 BNA_F
 ClientSampleId :
 PB81918BS

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



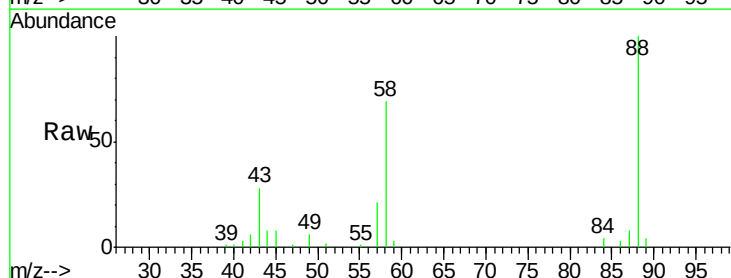
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



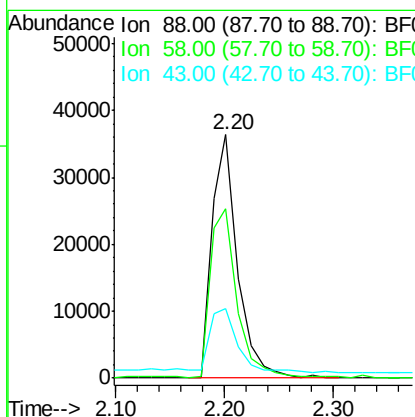
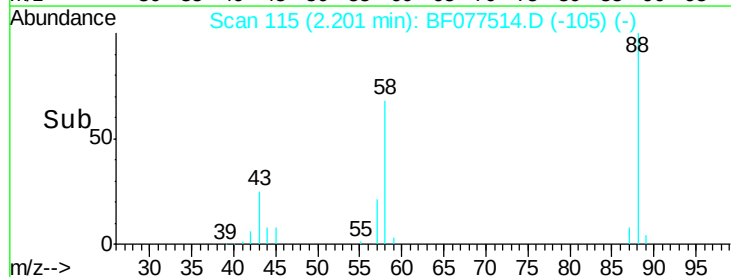
#2

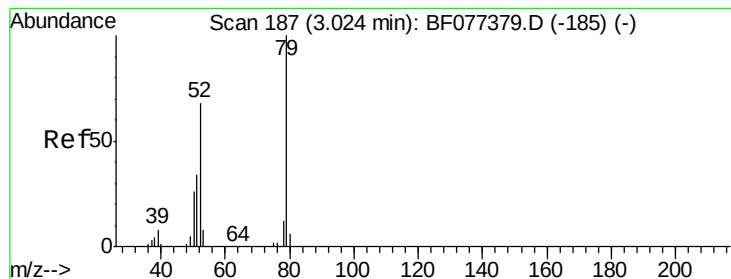
1,4-Dioxane
 Concen: 24.18 ng
 RT: 2.20 min Scan# 115
 Delta R.T. 0.02 min
 Lab File: BF077514.D
 Acq: 27 Feb 2015 19:31

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

Pyridine

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

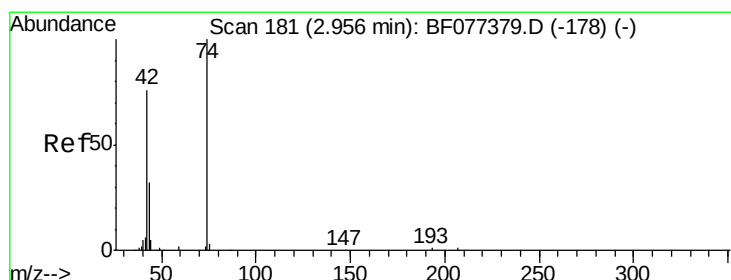
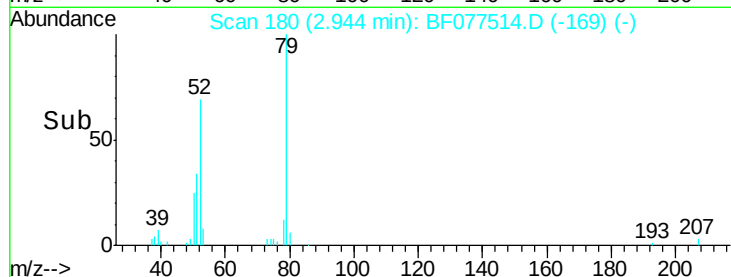
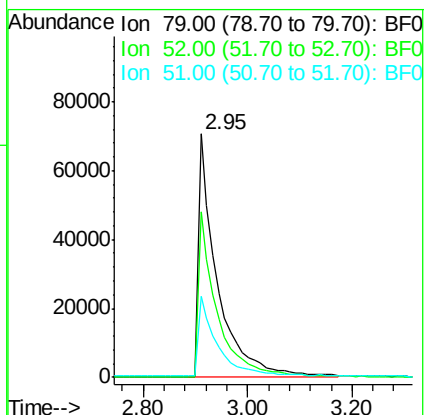
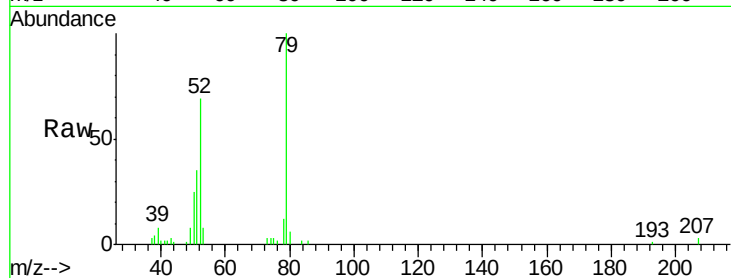
Tgt Ion: 79 Resp: 178761

Ion Ratio Lower Upper

79 100

52 69.4 57.7 86.5

51 35.3 28.5 42.7



#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

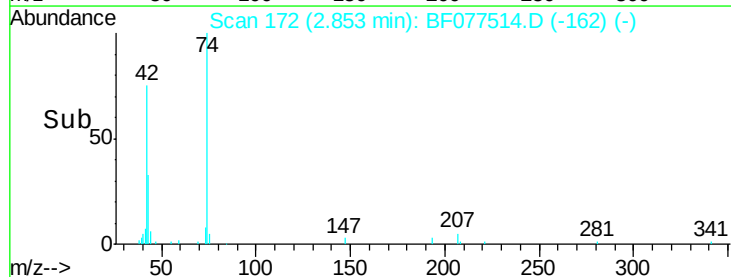
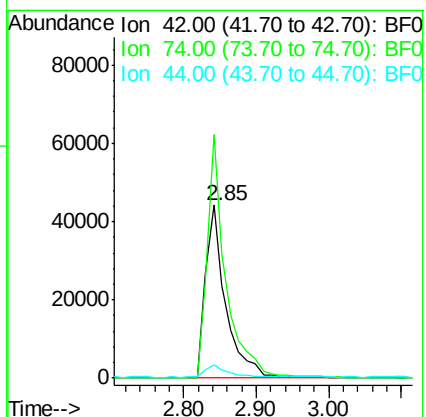
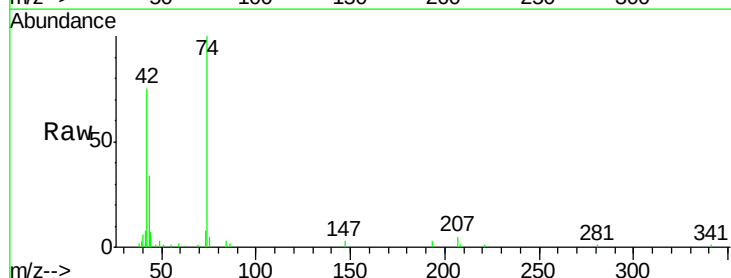
Tgt Ion: 42 Resp: 86252

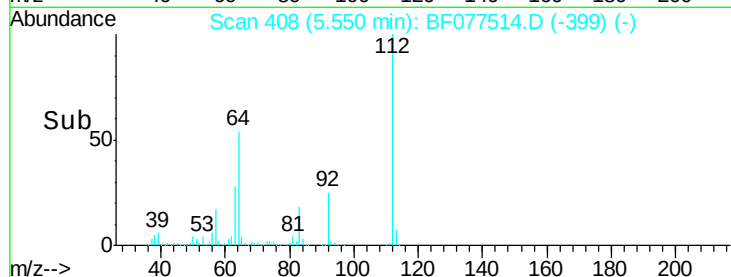
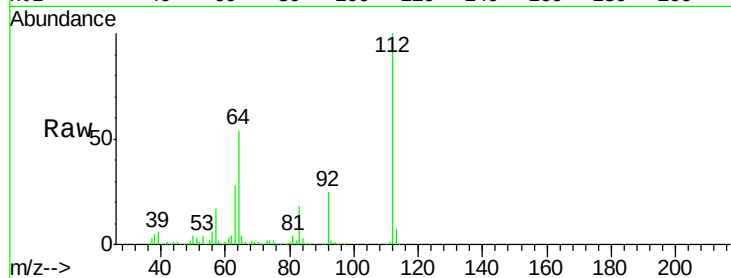
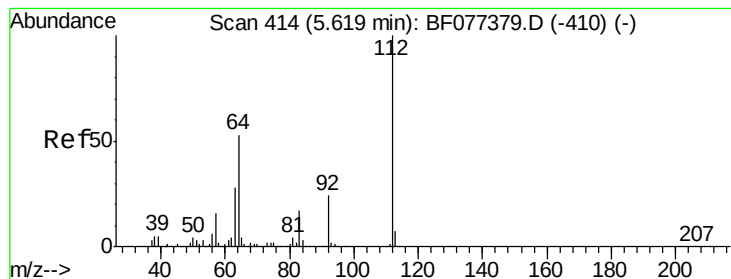
Ion Ratio Lower Upper

42 100

74 133.7 107.1 160.7

44 8.9 6.7 10.1





#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

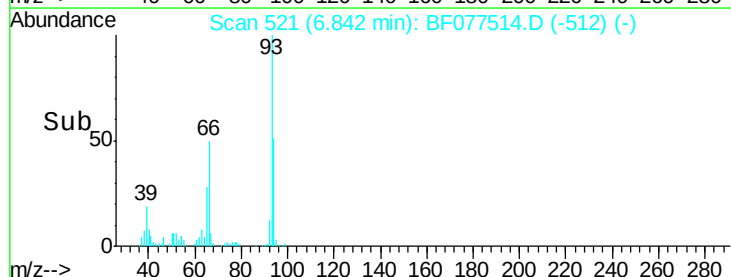
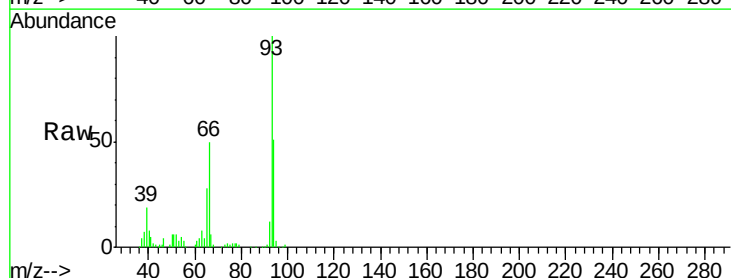
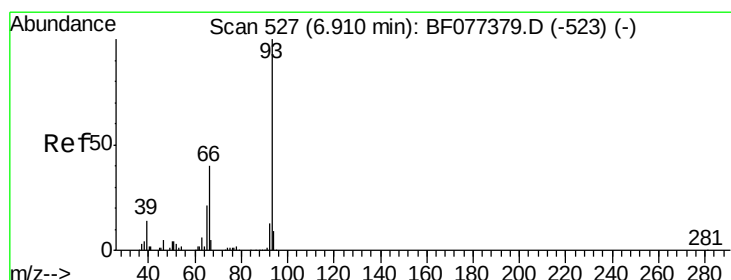
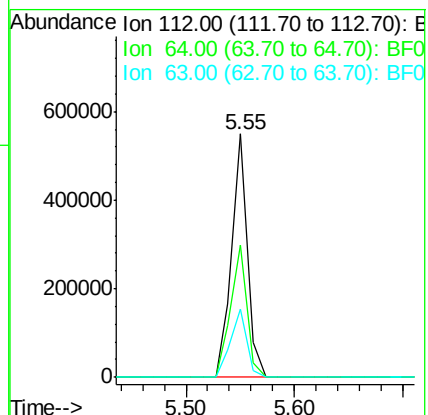
Tgt Ion: 112 Resp: 547696

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

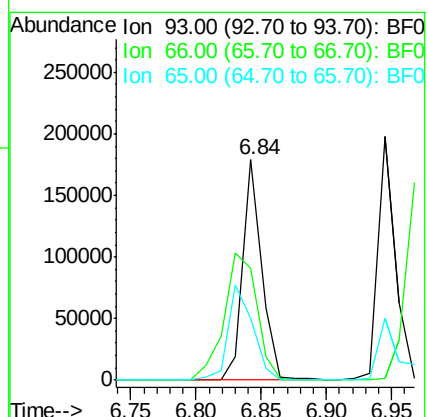
Tgt Ion: 93 Resp: 181493

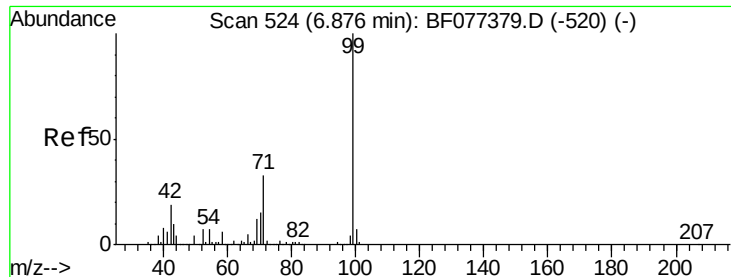
Ion Ratio Lower Upper

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

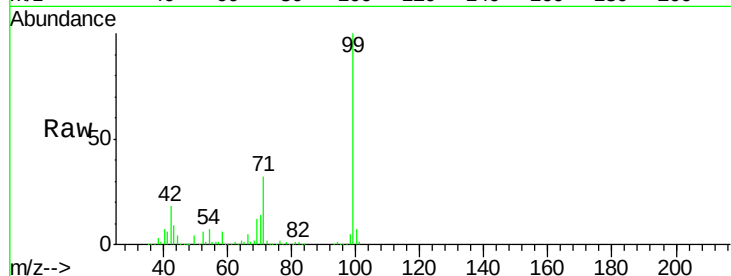
Tgt Ion: 99 Resp: 710264

Ion Ratio Lower Upper

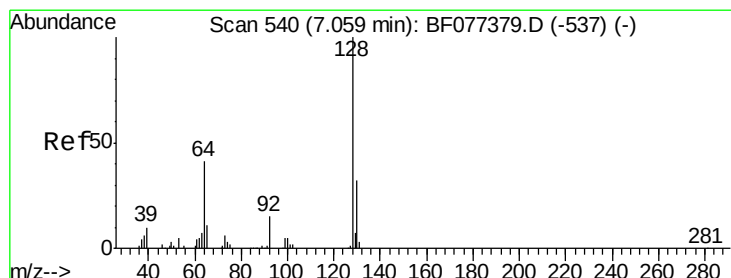
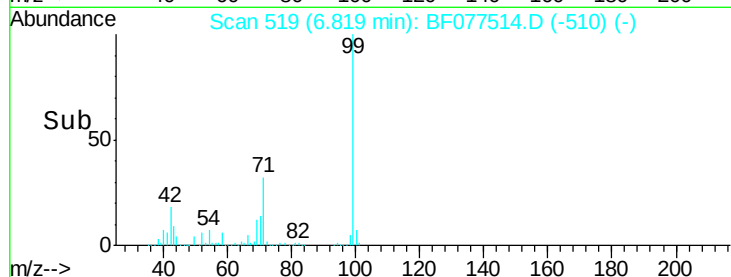
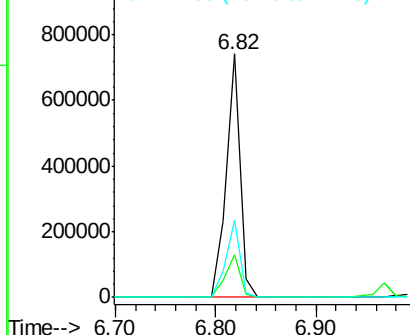
99 100

42 17.6 16.2 24.4

71 31.9 26.7 40.1



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 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

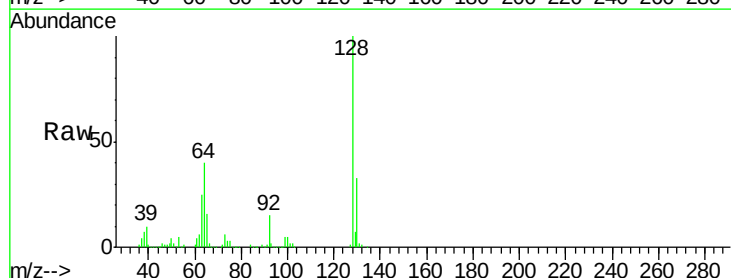
Tgt Ion: 128 Resp: 208634

Ion Ratio Lower Upper

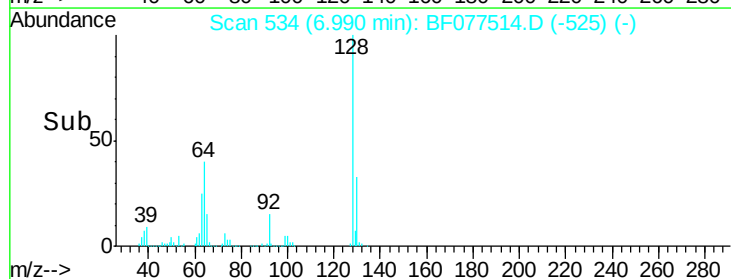
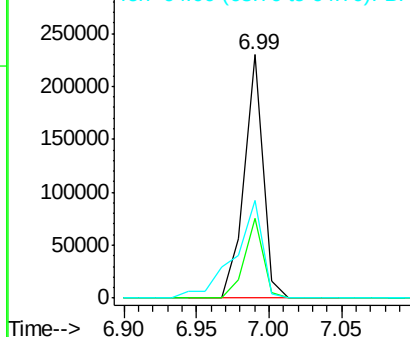
128 100

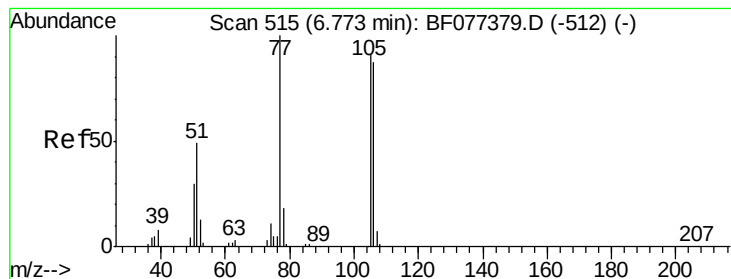
130 33.0 12.0 52.0

64 40.3 29.2 69.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 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

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PB81918BS

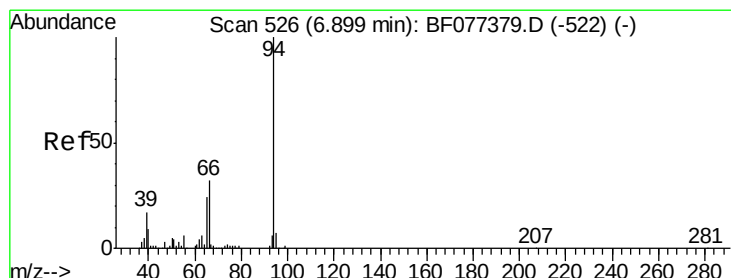
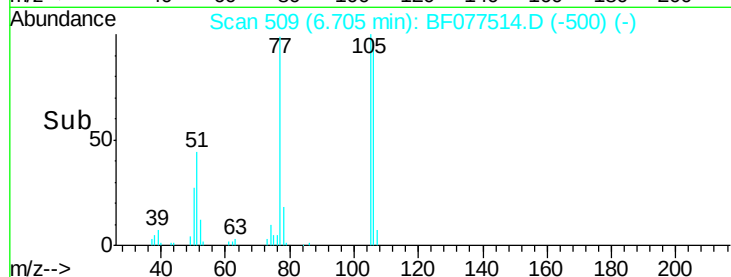
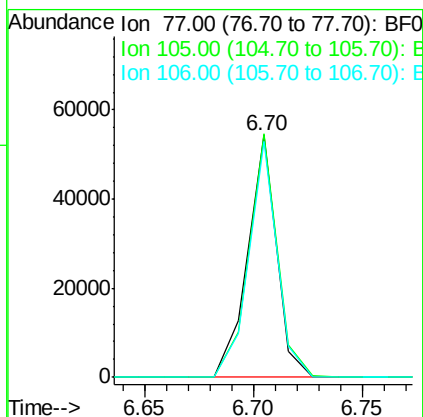
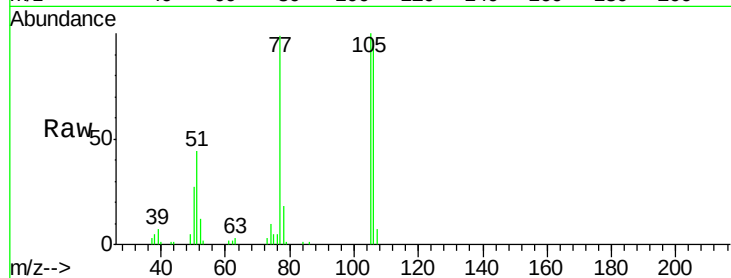
Tgt Ion: 77 Resp: 49829

Ion Ratio Lower Upper

77 100

105 100.7 85.9 125.9

106 97.8 82.9 122.9



#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

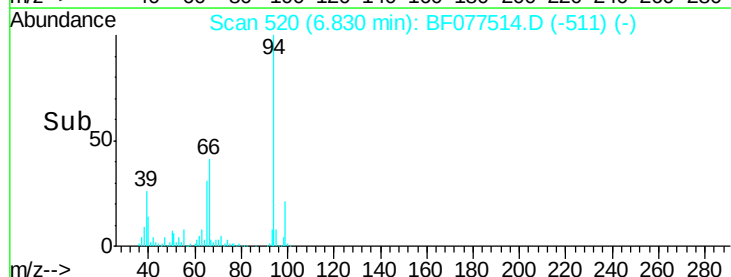
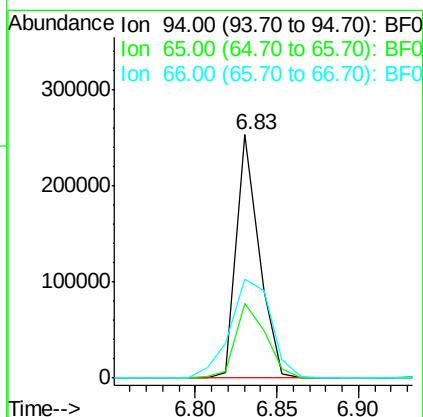
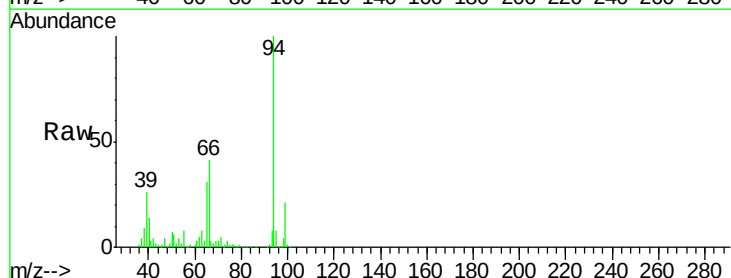
Tgt Ion: 94 Resp: 244923

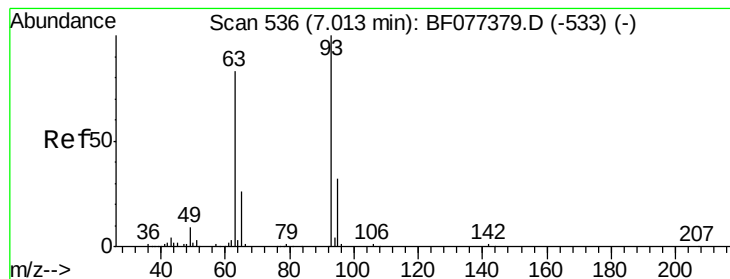
Ion Ratio Lower Upper

94 100

65 30.7 5.7 45.7

66 40.8 13.6 53.6





#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

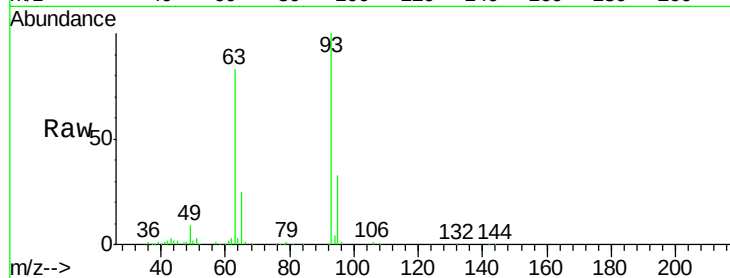
Tgt Ion: 93 Resp: 183046

Ion Ratio Lower Upper

93 100

63 82.9 48.7 88.7

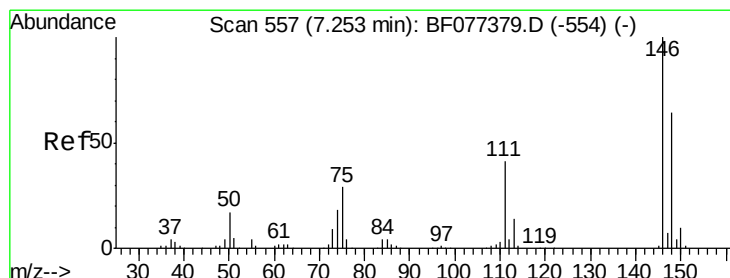
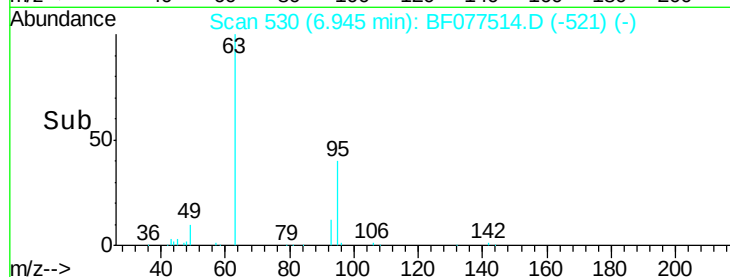
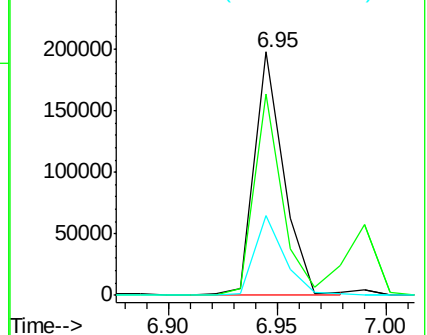
95 32.5 13.6 53.6



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

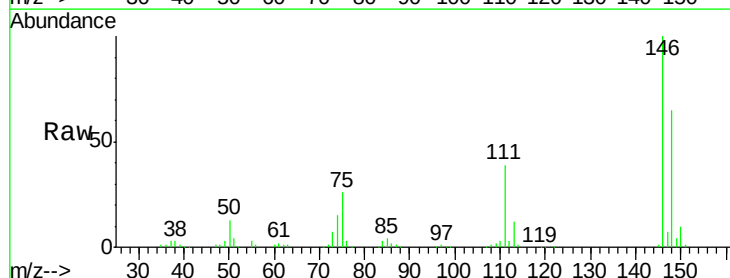
Tgt Ion: 146 Resp: 218524

Ion Ratio Lower Upper

146 100

148 65.1 49.8 74.8

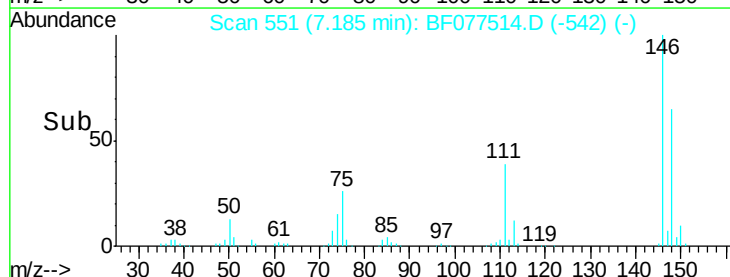
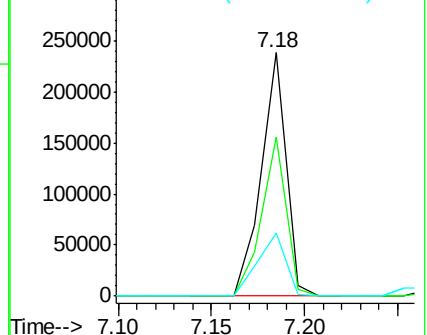
75 25.9 28.2 42.4#

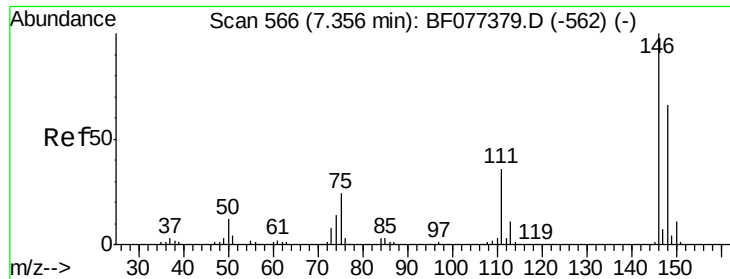


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

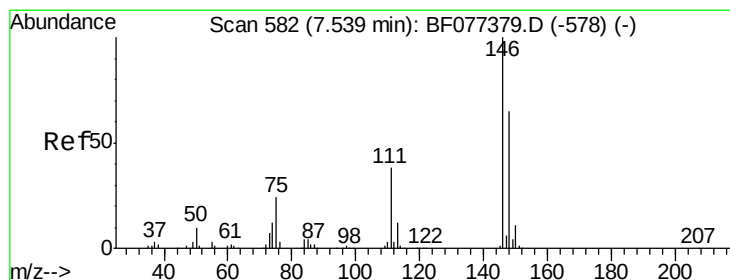
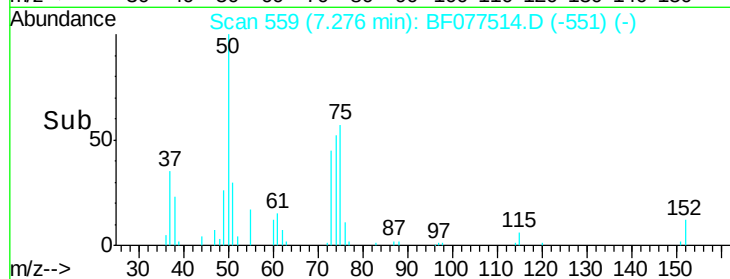
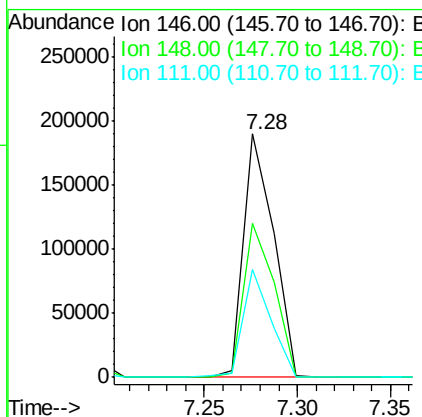
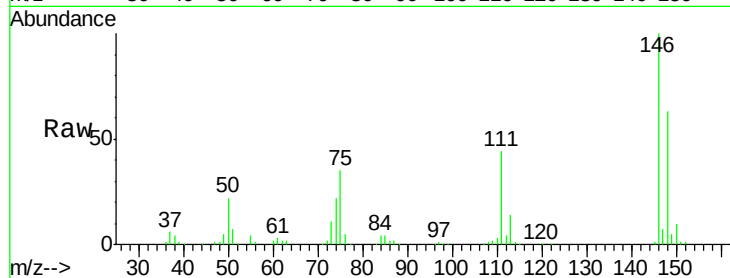




#13
 1,4-Dichlorobenzene
 Concen: 28.04 ng
 RT: 7.28 min Scan# 559
 Delta R.T. -0.00 min
 Lab File: BF077514.D
 Acq: 27 Feb 2015 19:31

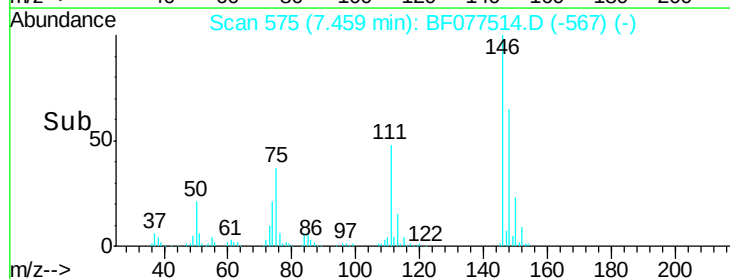
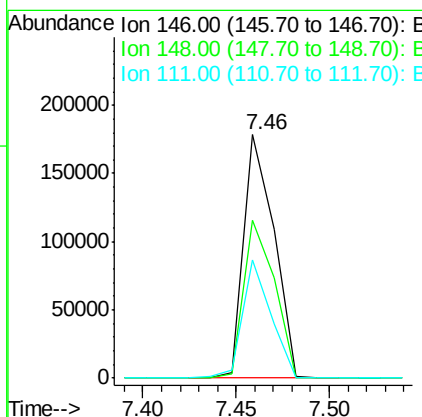
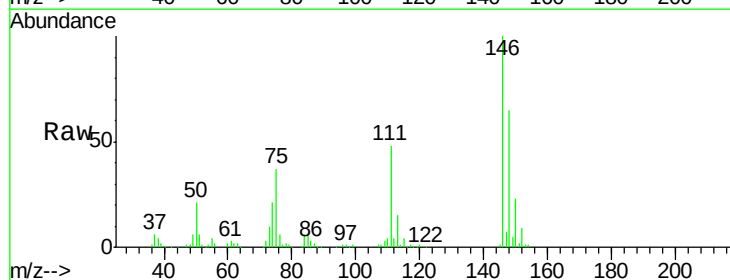
Instrument :
 BNA_F
 ClientSampleId :
 PB81918BS

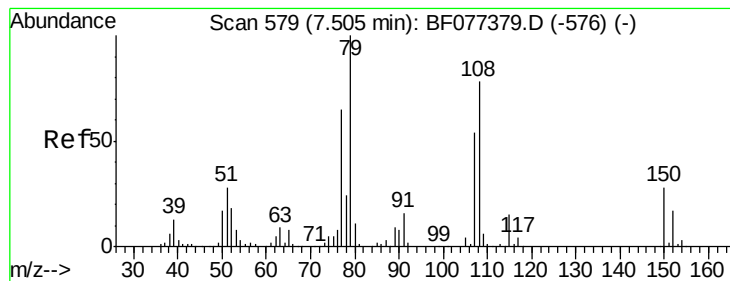
Tgt Ion:146 Resp: 211706
 Ion Ratio Lower Upper
 146 100
 148 63.2 52.0 78.0
 111 44.1 31.9 47.9



#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

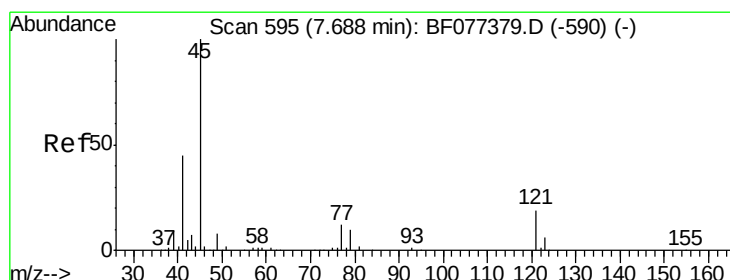
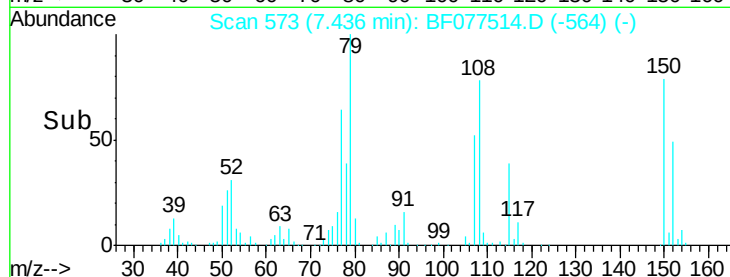
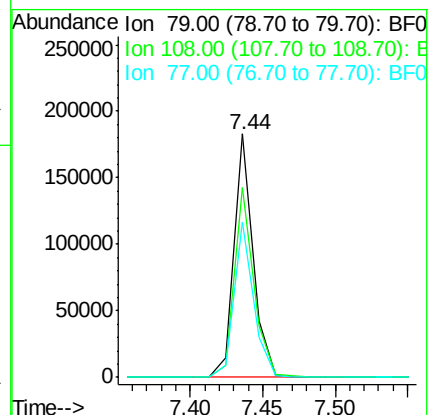
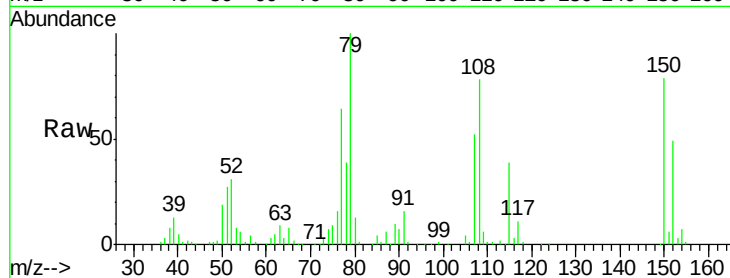
Tgt Ion: 79 Resp: 166604

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

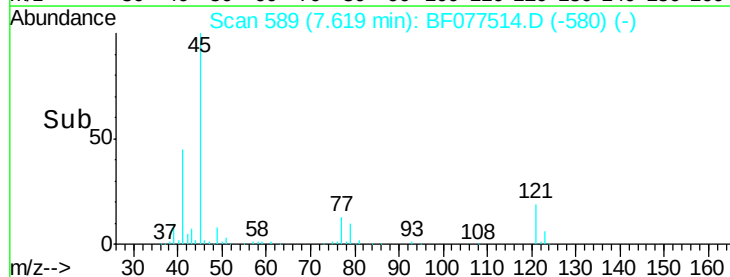
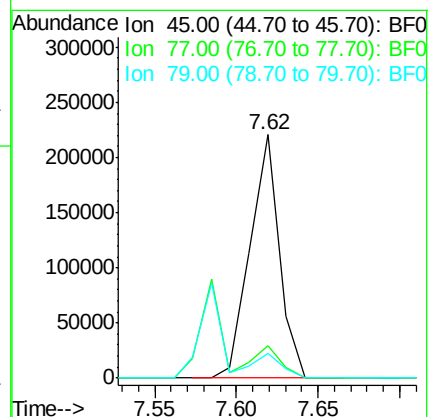
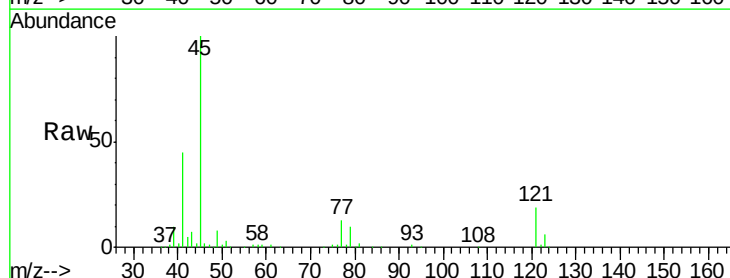
Tgt Ion: 45 Resp: 274073

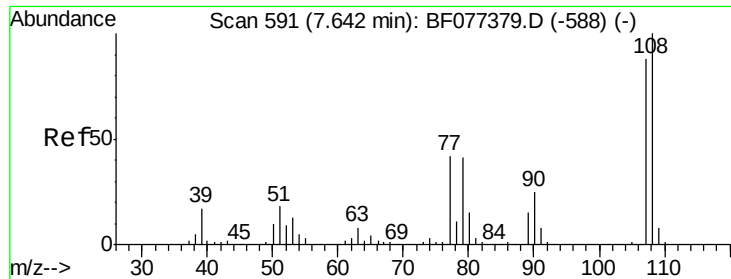
Ion Ratio Lower Upper

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

Tgt Ion:107 Resp: 170435

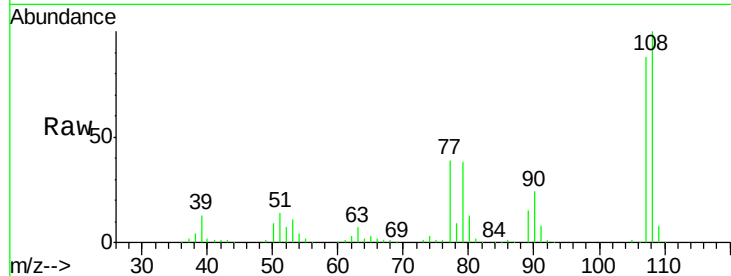
Ion Ratio Lower Upper

107 100

108 113.8 91.2 136.8

77 44.0 33.6 50.4

79 42.8 32.1 48.1

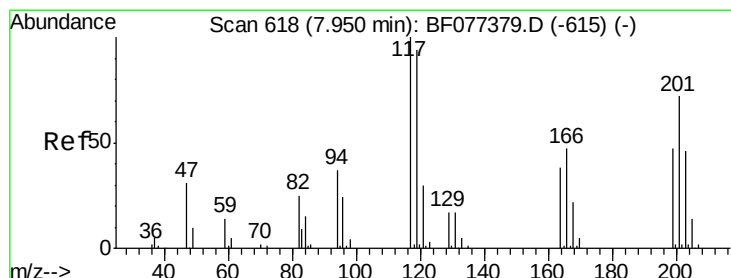
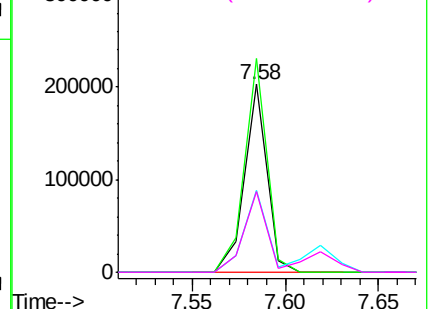
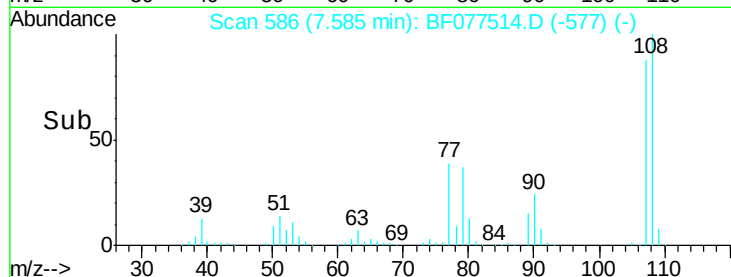


Abundance Ion 107.00 (106.70 to 107.70): E

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

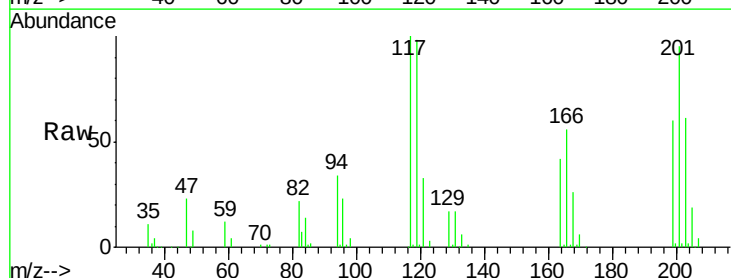
Tgt Ion:117 Resp: 75184

Ion Ratio Lower Upper

117 100

119 98.3 77.8 116.8

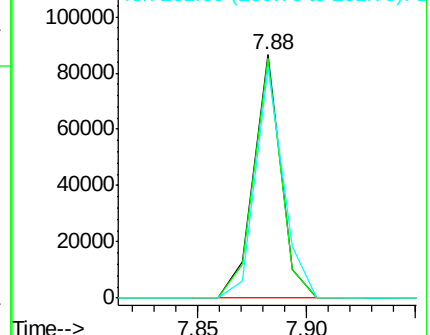
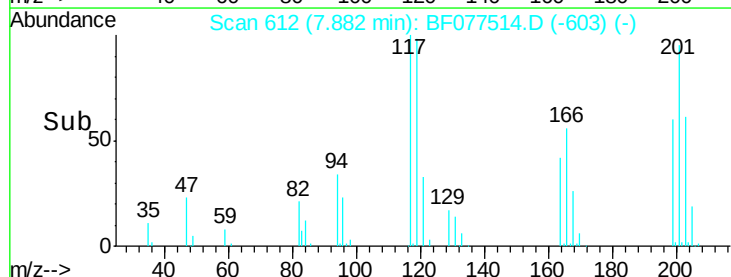
201 95.0 90.6 136.0

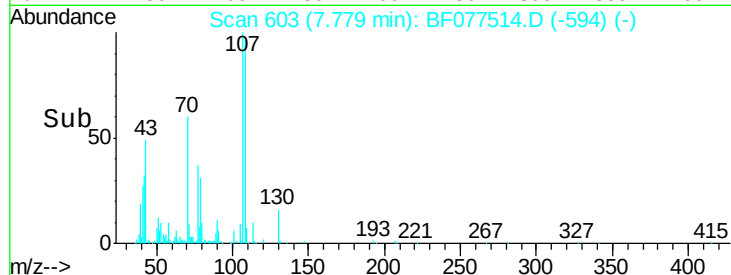
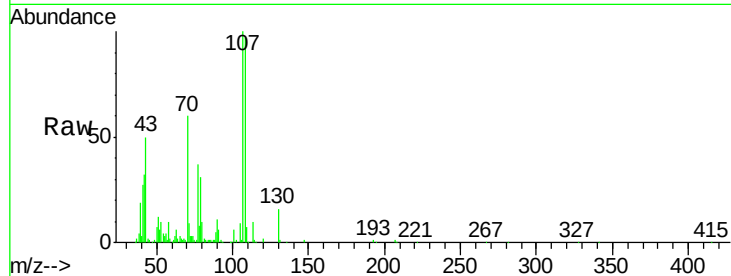
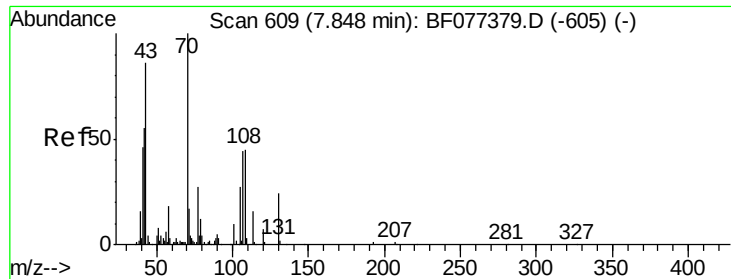


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

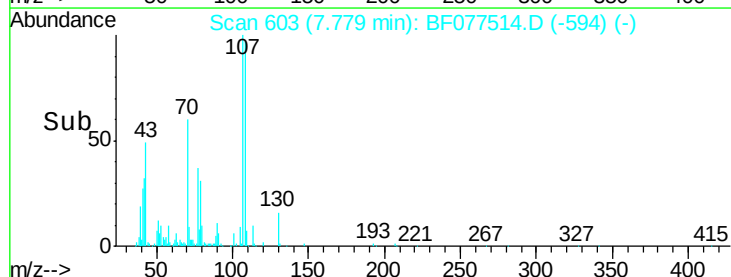
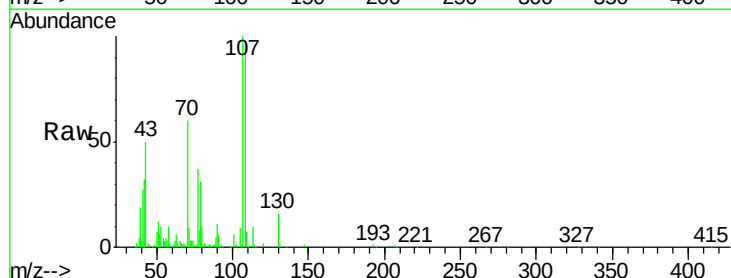
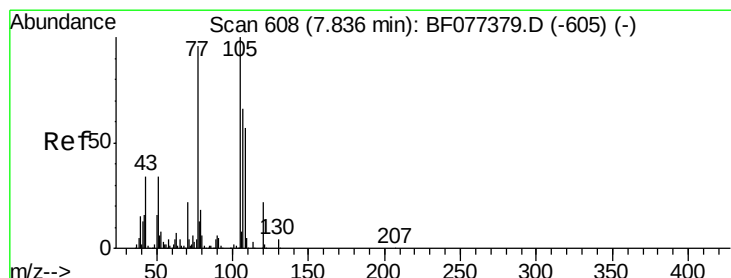
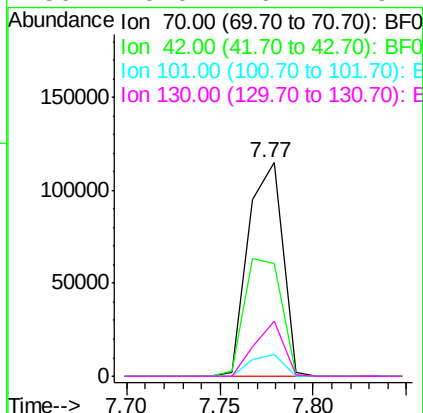




#19
n-Nitroso-di-n-propylamine
Concen: 31.09 ng
RT: 7.77 min Scan# 603
Delta R.T. -0.00 min
Lab File: BF077514.D
Acq: 27 Feb 2015 19:31

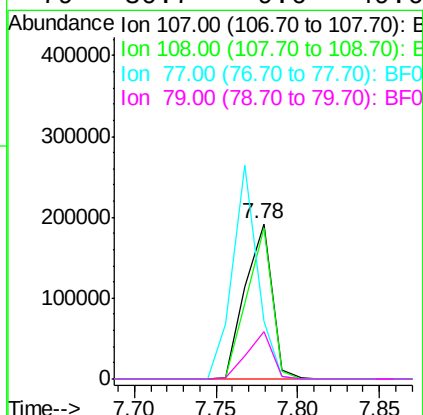
Instrument :
BNA_F
ClientSampleId :
PB81918BS

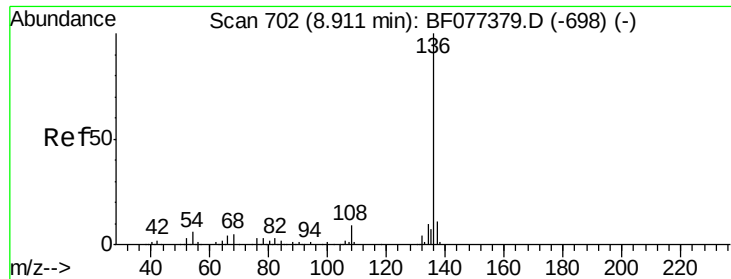
Tgt Ion: 70 Resp: 146690
Ion Ratio Lower Upper
70 100
42 53.0 48.3 72.5
101 10.4 7.5 11.3
130 26.0 16.7 25.1#



#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

Tgt Ion:136 Resp: 393160

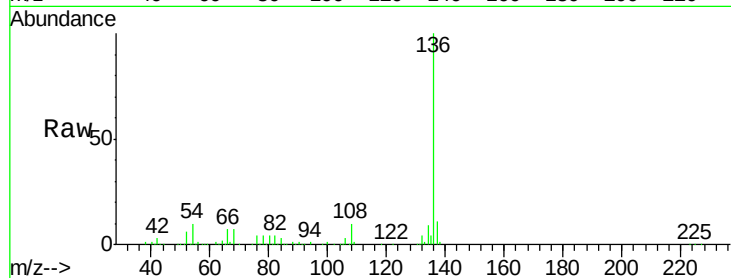
Ion Ratio Lower Upper

136 100

137 11.2 8.6 13.0

54 9.6 6.2 9.4#

68 7.1 5.0 7.6

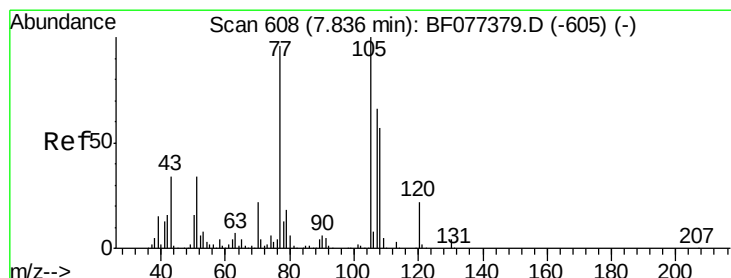
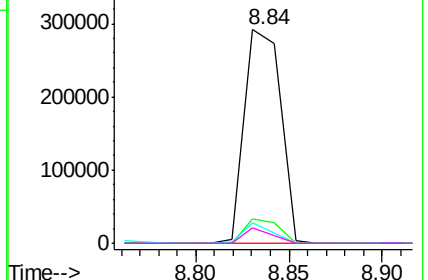
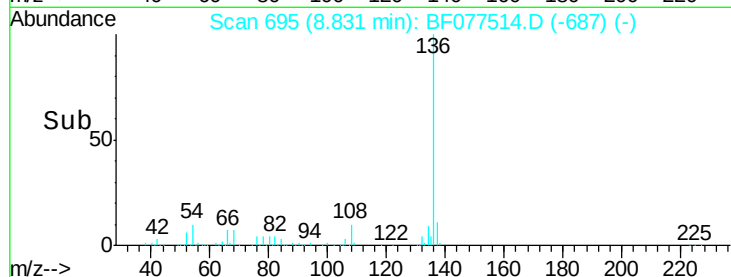


Abundance Ion 136.00 (135.70 to 136.70): E

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

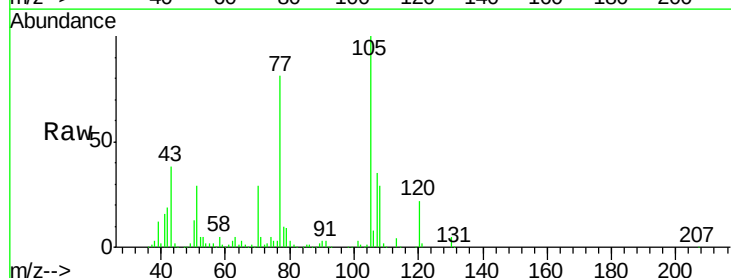
Ion Ratio Lower Upper

105 100

71 4.9 1.7 2.5#

51 29.1 30.7 46.1#

120 22.3 16.7 25.1

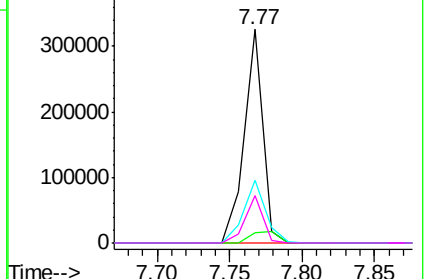
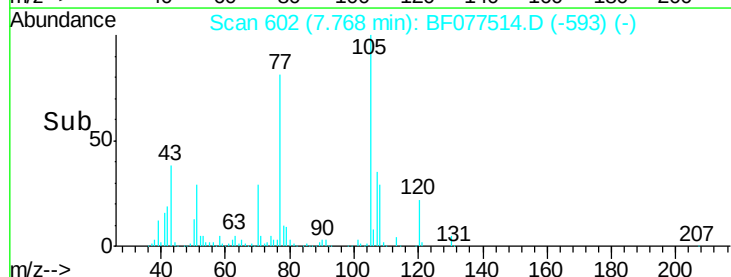


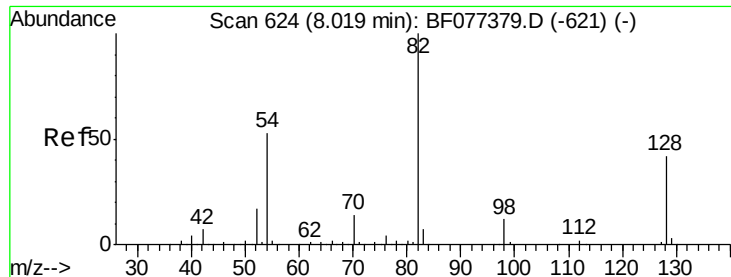
Abundance Ion 105.00 (104.70 to 105.70): E

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

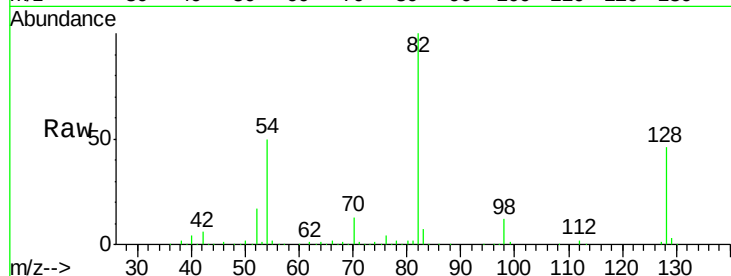




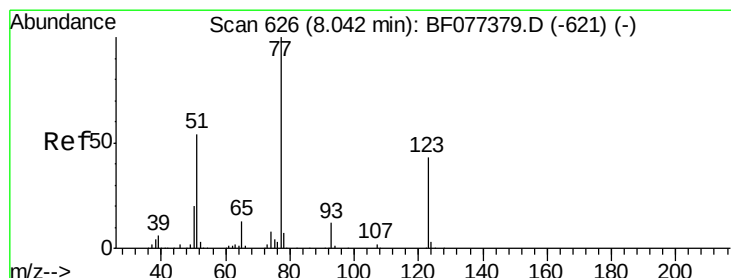
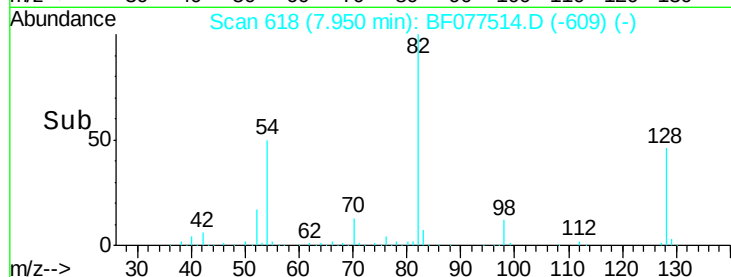
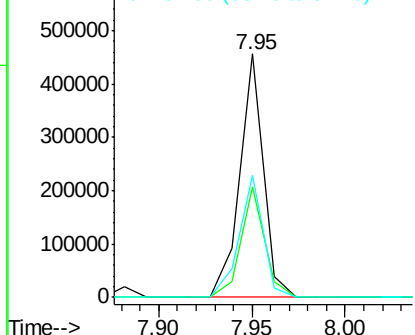
#23
 Nitrobenzene-d5
 Concen: 64.12 ng
 RT: 7.95 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF077514.D
 Acq: 27 Feb 2015 19:31

Instrument :
 BNA_F
 ClientSampleId :
 PB81918BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.6	43.8	65.8
54	50.0	36.7	55.1

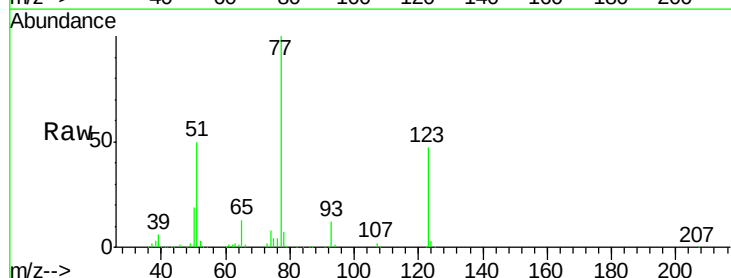


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

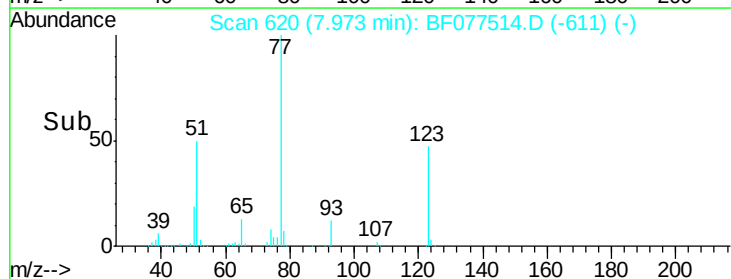
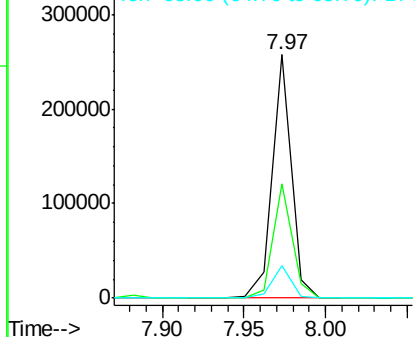


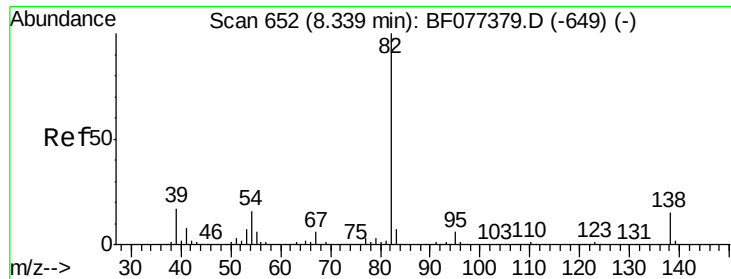
#24
 Nitrobenzene
 Concen: 31.59 ng
 RT: 7.97 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF077514.D
 Acq: 27 Feb 2015 19:31

Tgt Ion	Ratio	Lower	Upper
77	100		
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

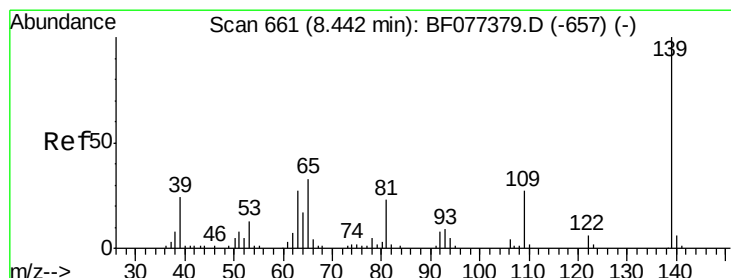
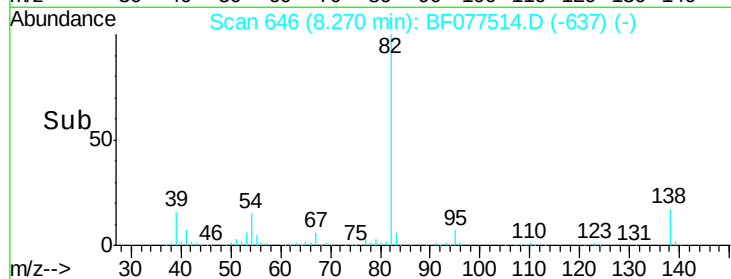
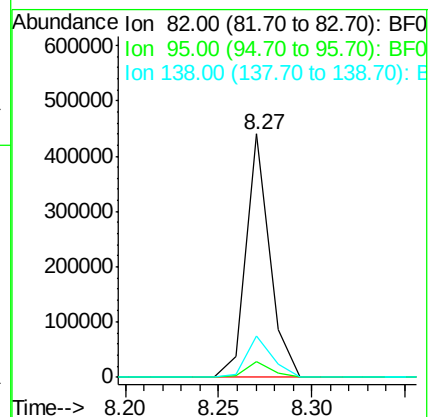
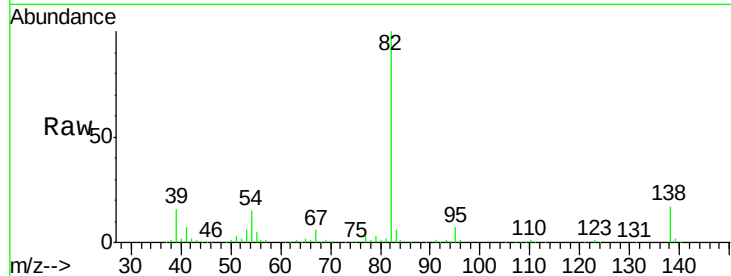
Tgt Ion: 82 Resp: 389090

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

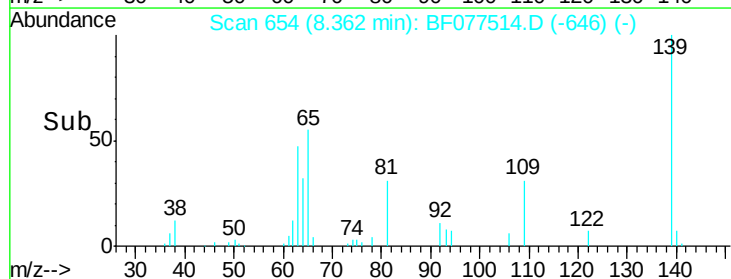
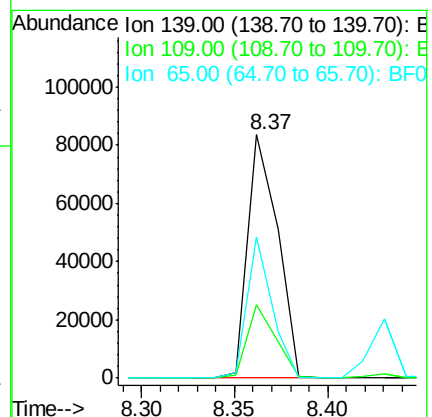
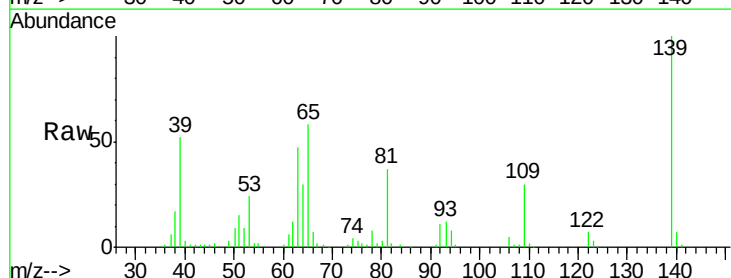
Tgt Ion: 139 Resp: 93995

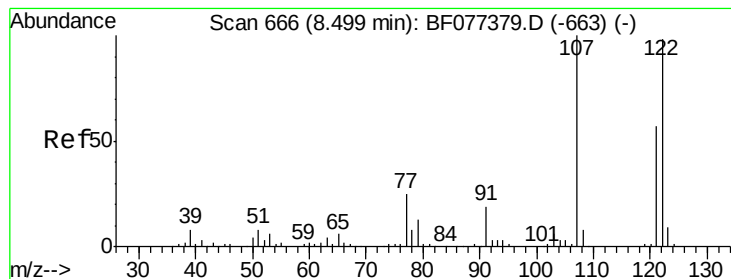
Ion Ratio Lower Upper

139 100

109 30.3 22.6 34.0

65 58.3 36.4 54.6#

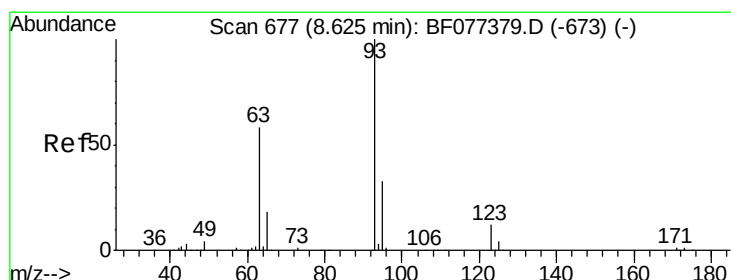
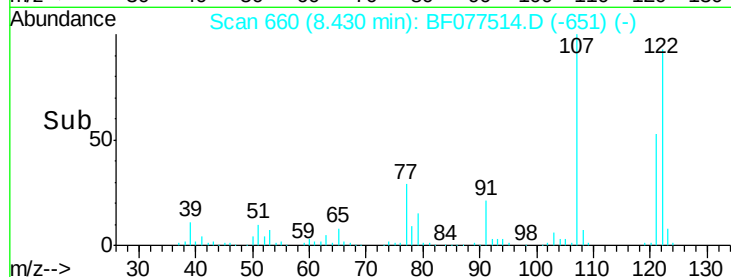
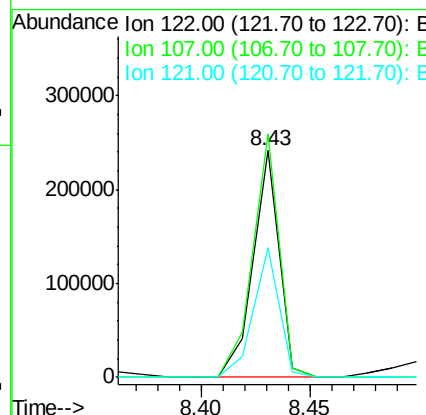
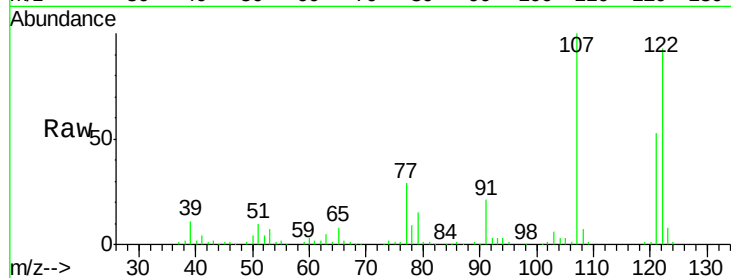




#27
 2,4-Dimethylphenol
 Concen: 33.06 ng
 RT: 8.43 min Scan# 660
 Delta R.T. -0.00 min
 Lab File: BF077514.D
 Acq: 27 Feb 2015 19:31

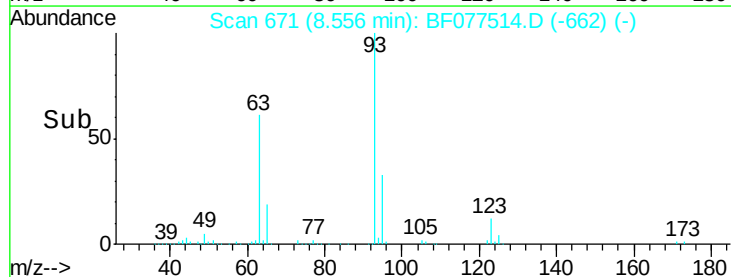
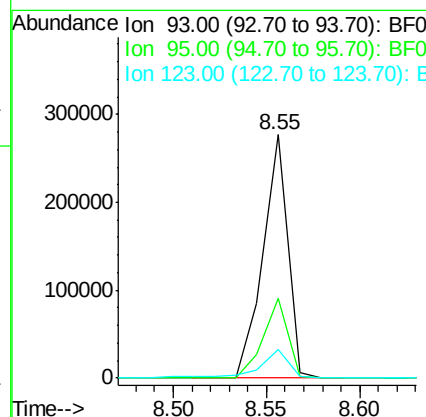
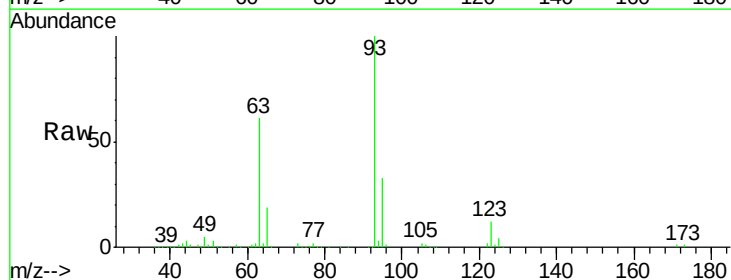
Instrument :
 BNA_F
 ClientSampleId :
 PB81918BS

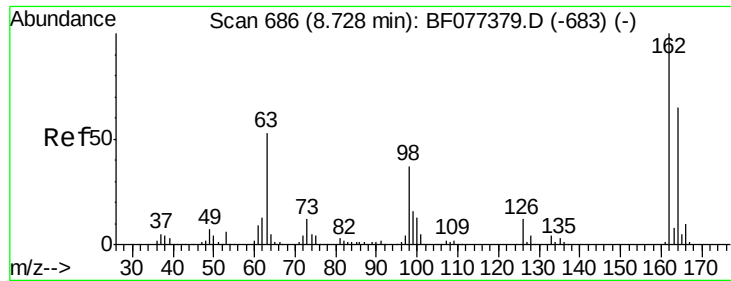
Tgt Ion: 122 Resp: 201638
 Ion Ratio Lower Upper
 122 100
 107 107.5 86.6 130.0
 121 57.0 47.4 71.0



#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

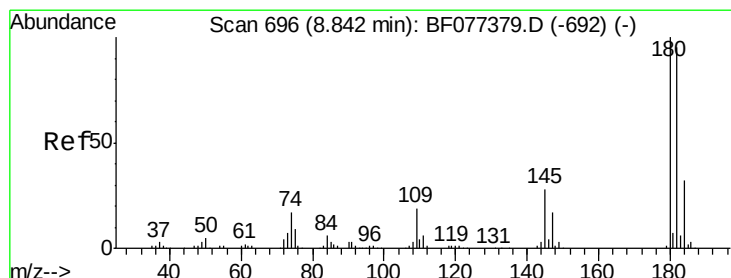
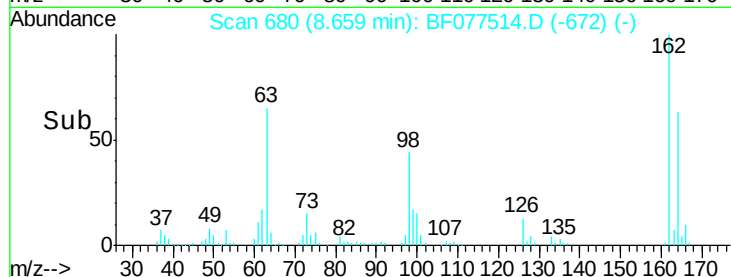
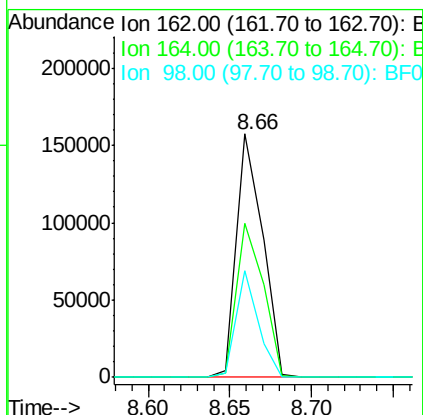
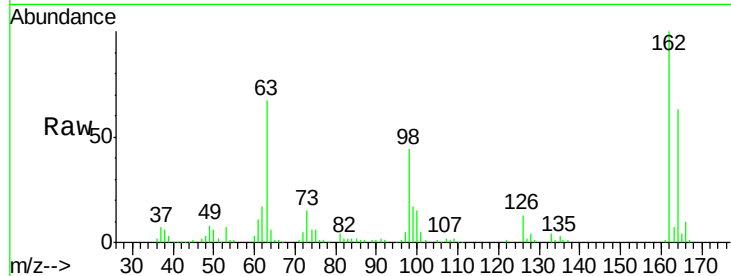




#29
 2,4-Dichlorophenol
 Concen: 30.40 ng
 RT: 8.66 min Scan# 680
 Delta R.T. -0.00 min
 Lab File: BF077514.D
 Acq: 27 Feb 2015 19:31

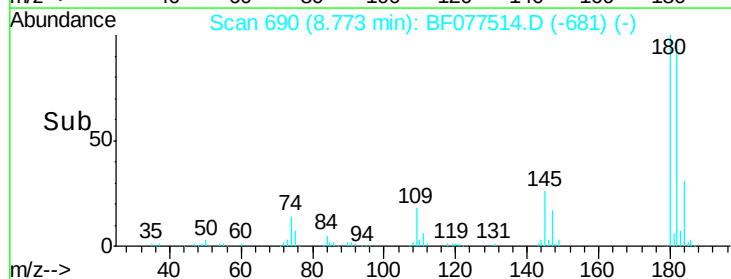
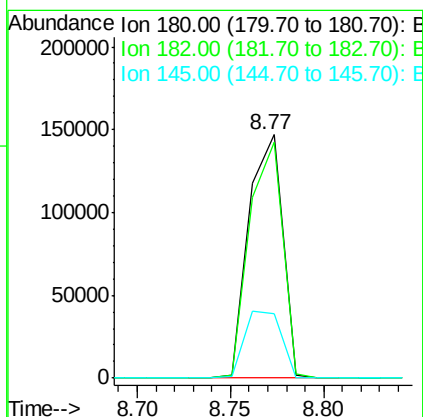
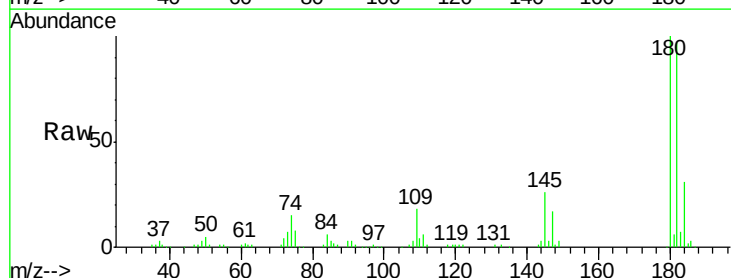
Instrument :
 BNA_F
 ClientSampleId :
 PB81918BS

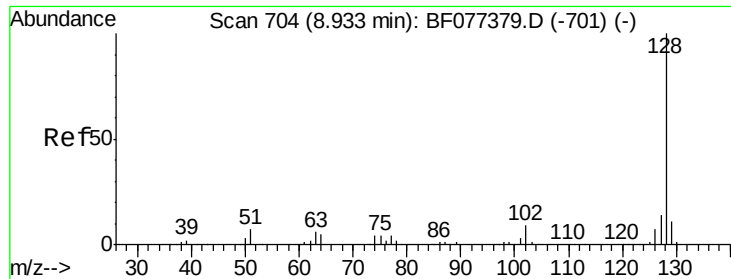
Tgt Ion:162 Resp: 174078
 Ion Ratio Lower Upper
 162 100
 164 63.4 46.4 86.4
 98 43.7 6.9 46.9



#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

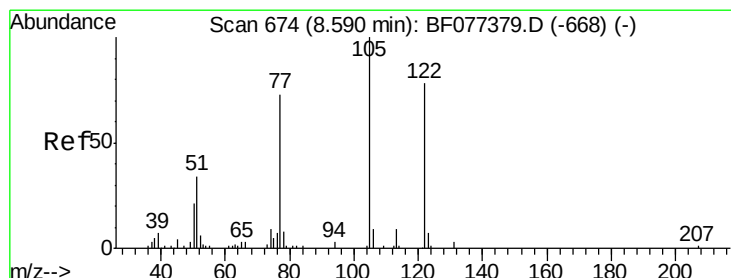
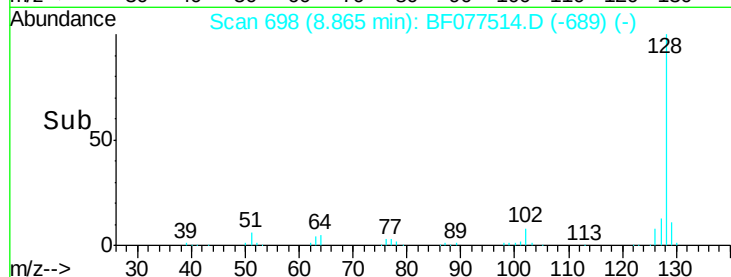
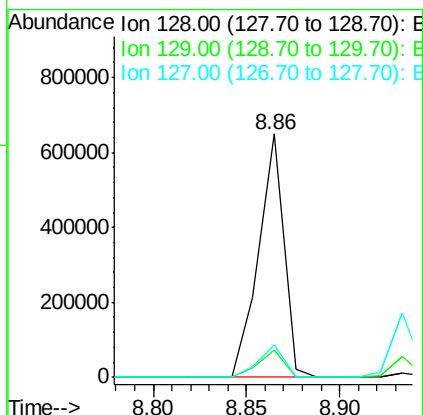
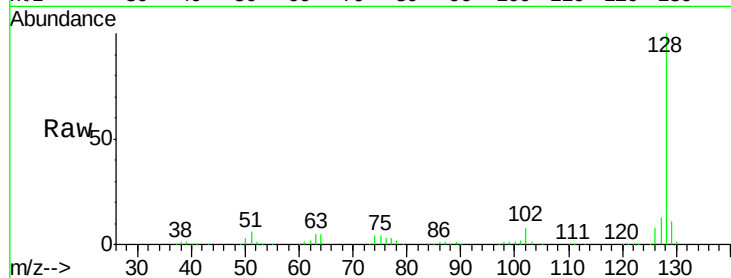




#31
Naphthalene
Concen: 30.92 ng
RT: 8.86 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF077514.D
Acq: 27 Feb 2015 19:31

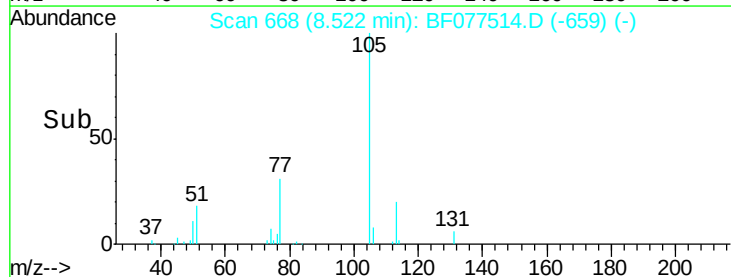
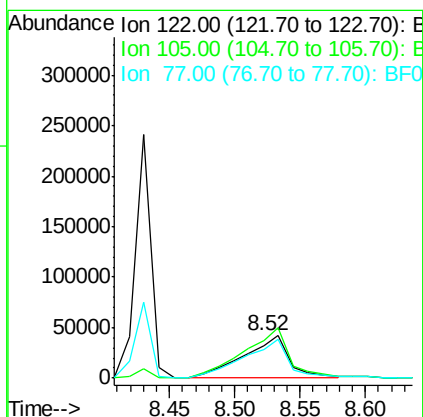
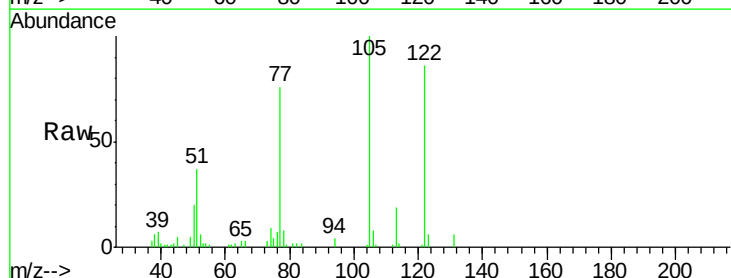
Instrument :
BNA_F
ClientSampleId :
PB81918BS

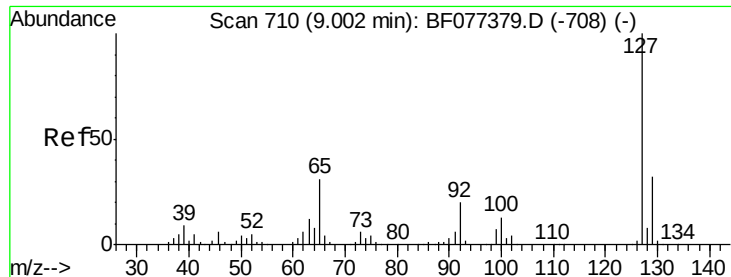
Tgt Ion:128 Resp: 607962
Ion Ratio Lower Upper
128 100
129 11.1 9.4 14.0
127 13.4 10.6 15.8



#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

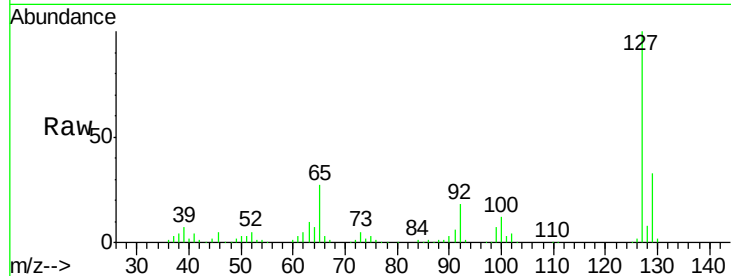




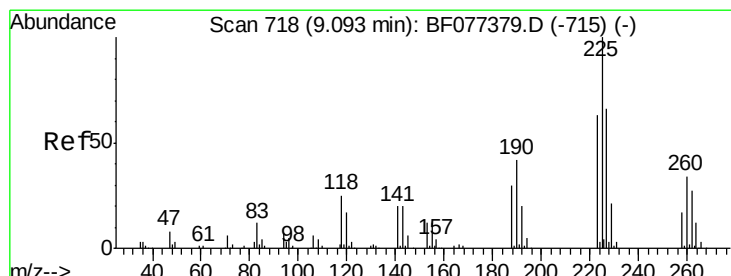
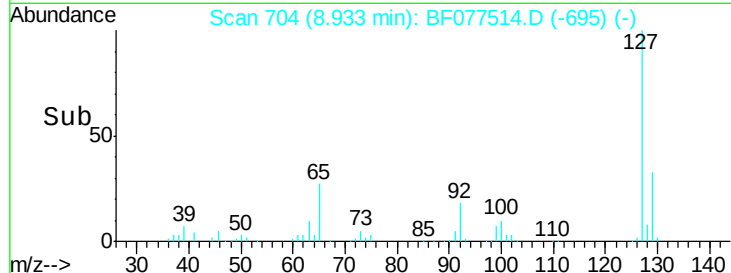
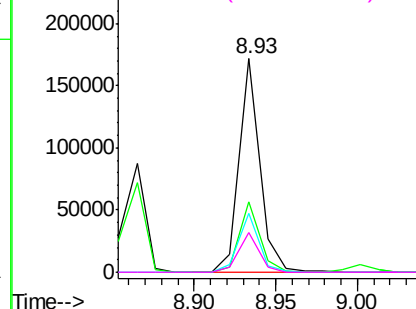
#33
4-Chloroaniline
Concen: 17.09 ng
RT: 8.93 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF077514.D
Acq: 27 Feb 2015 19:31

Instrument :
BNA_F
ClientSampleId :
PB81918BS

Tgt 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

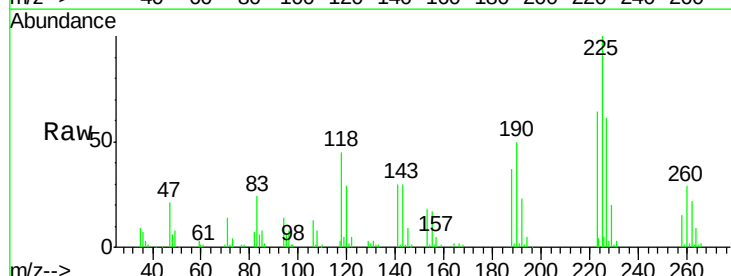


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

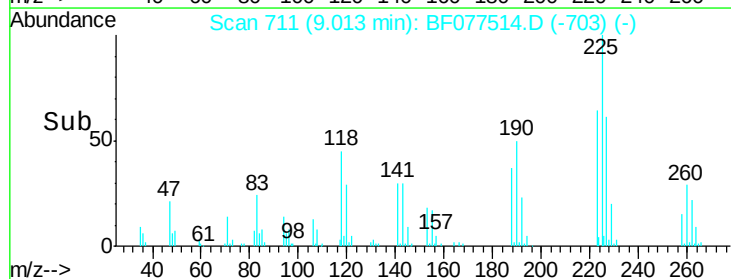
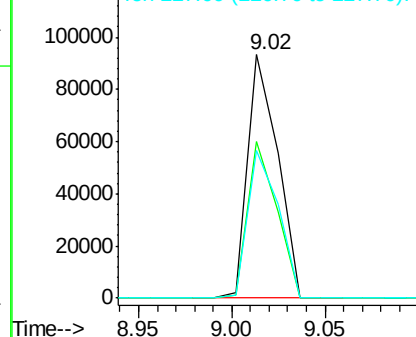


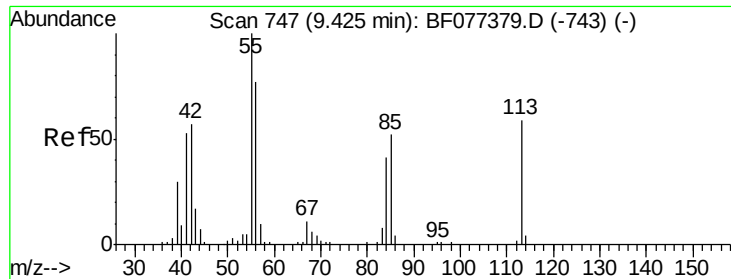
#34
Hexachlorobutadiene
Concen: 28.92 ng
RT: 9.02 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF077514.D
Acq: 27 Feb 2015 19:31

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

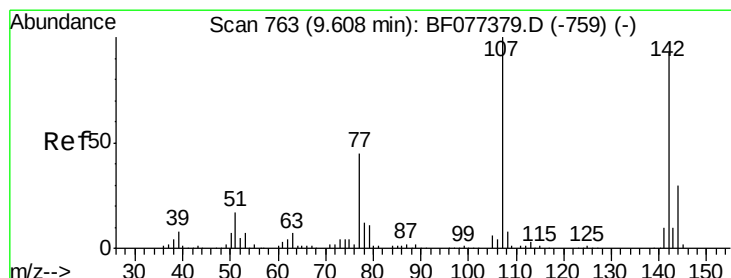
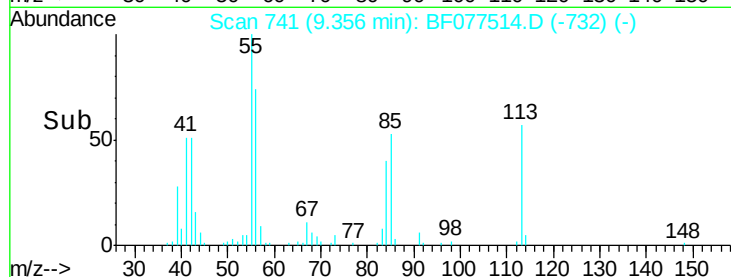
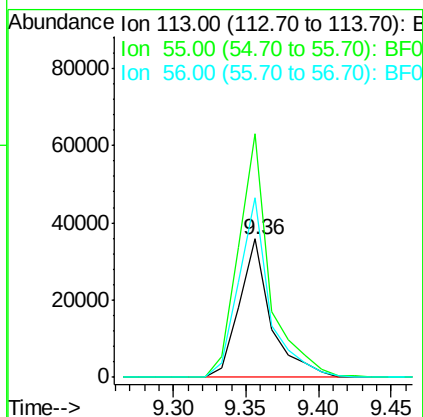
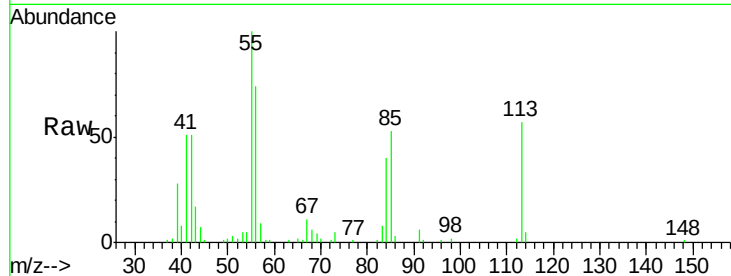




#35
 Caprolactam
 Concen: 30.96 ng
 RT: 9.36 min Scan# 741
 Delta R.T. 0.00 min
 Lab File: BF077514.D
 Acq: 27 Feb 2015 19:31

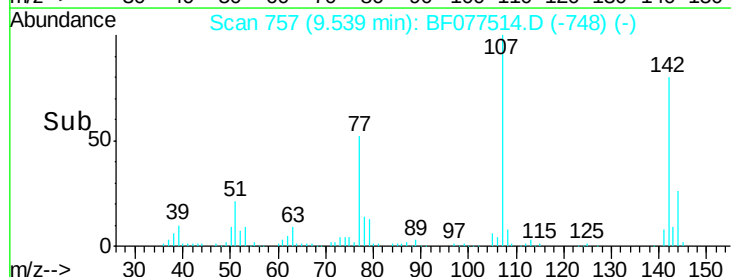
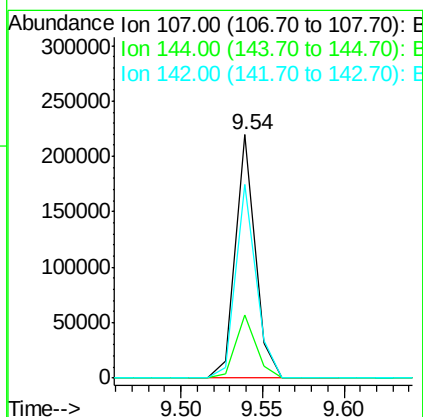
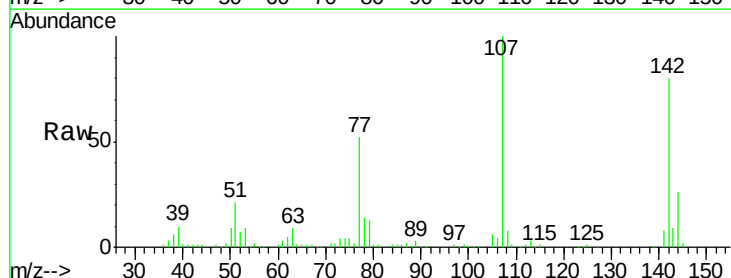
Instrument :
 BNA_F
 ClientSampleId :
 PB81918BS

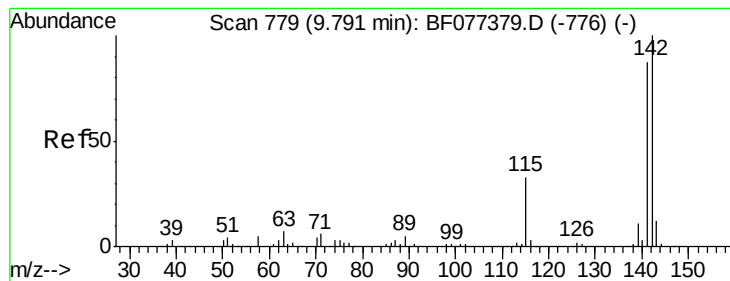
Tgt Ion:113 Resp: 54121
 Ion Ratio Lower Upper
 113 100
 55 176.3 154.6 194.6
 56 130.3 114.0 154.0



#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





#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

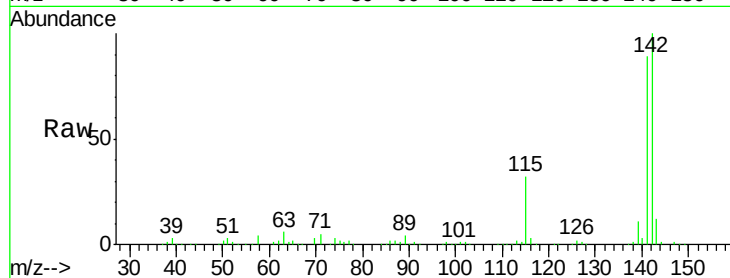
Tgt Ion:142 Resp: 438678

Ion Ratio Lower Upper

142 100

141 88.8 70.7 106.1

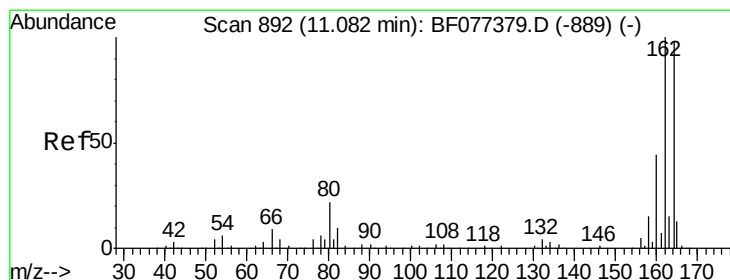
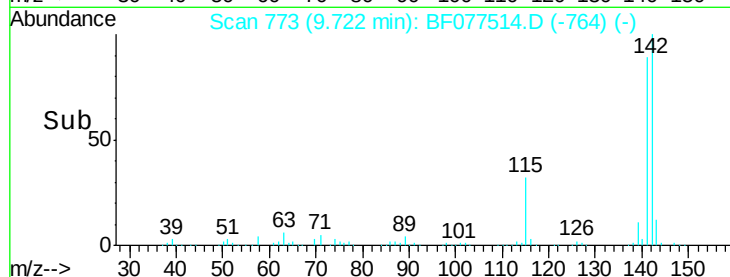
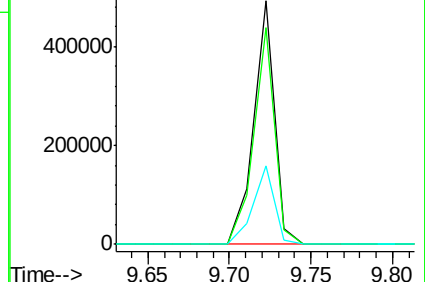
115 32.4 24.2 36.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.01 min Scan# 886

Delta R.T. -0.00 min

Lab File: BF077514.D

Acq: 27 Feb 2015 19:31

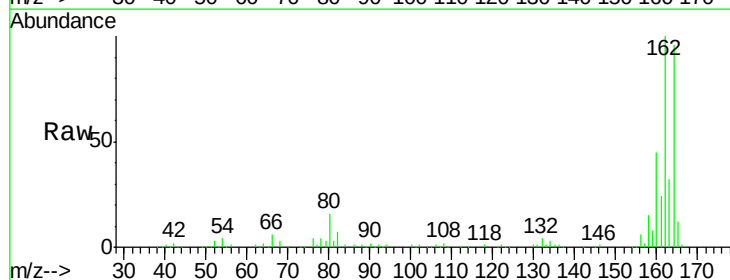
Tgt Ion:164 Resp: 206348

Ion Ratio Lower Upper

164 100

162 103.9 83.2 124.8

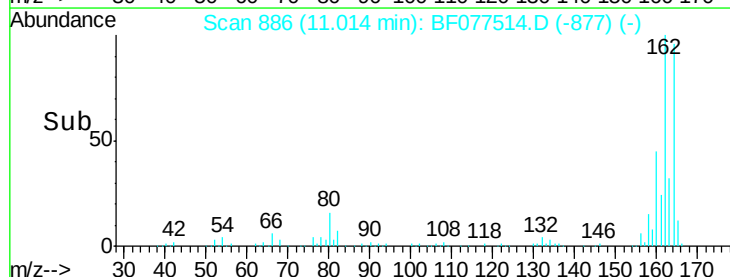
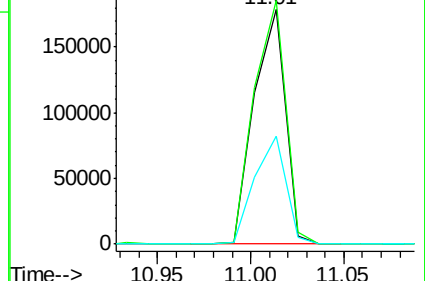
160 46.3 34.6 52.0

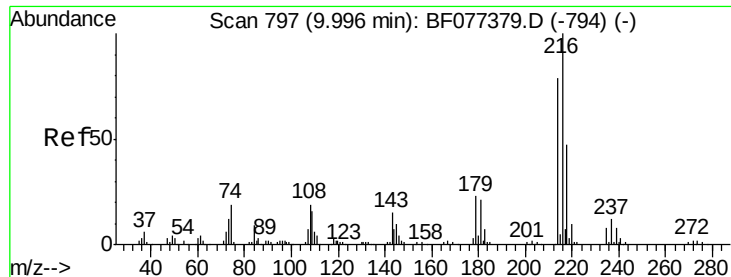


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 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

Tgt Ion:216 Resp: 197515

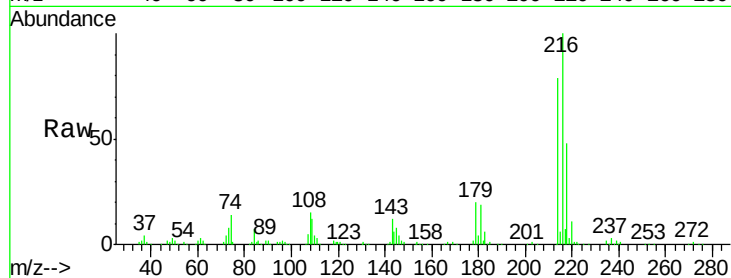
Ion Ratio Lower Upper

216 100

214 78.7 63.4 95.0

179 20.8 16.6 25.0

108 20.6 14.2 21.4

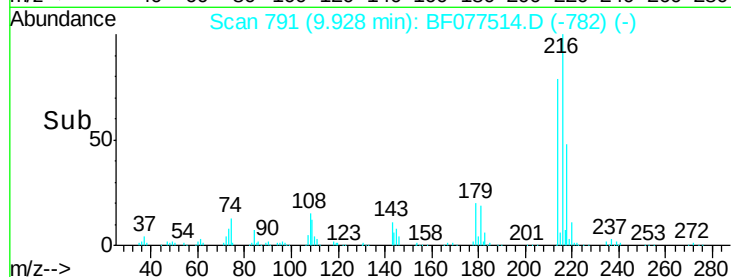


Abundance Ion 216.00 (215.70 to 216.70): E

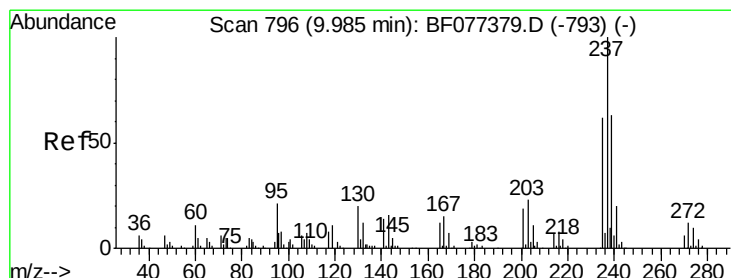
Ion 214.00 (213.70 to 214.70): E

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

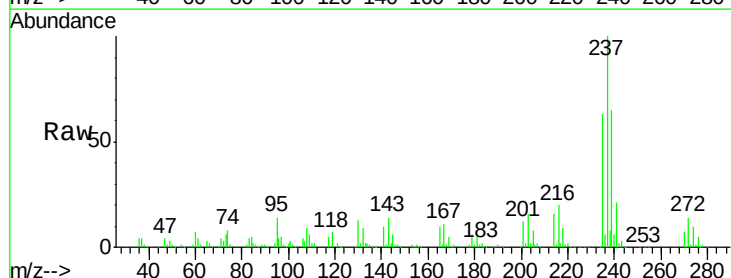
Tgt Ion:237 Resp: 207627

Ion Ratio Lower Upper

237 100

235 63.0 41.0 81.0

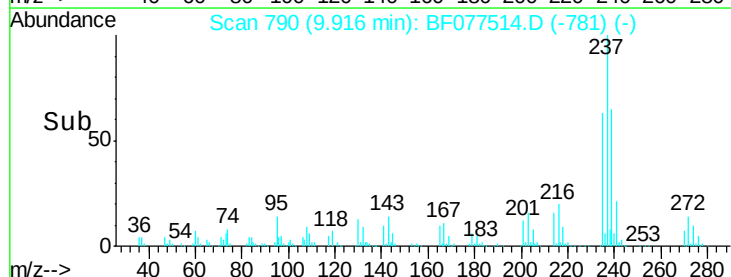
272 13.6 0.0 34.3



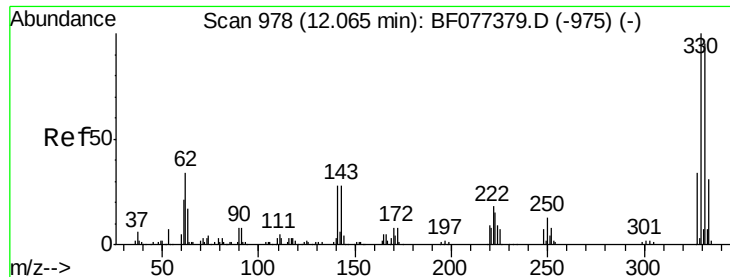
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



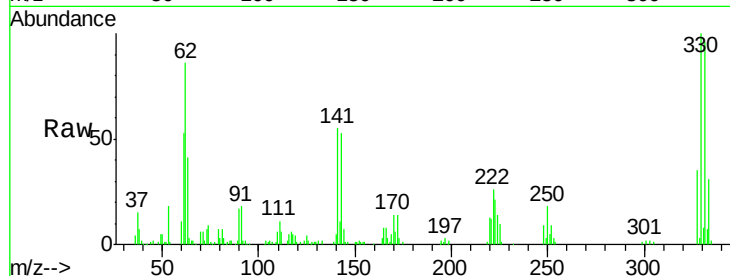
Time-->



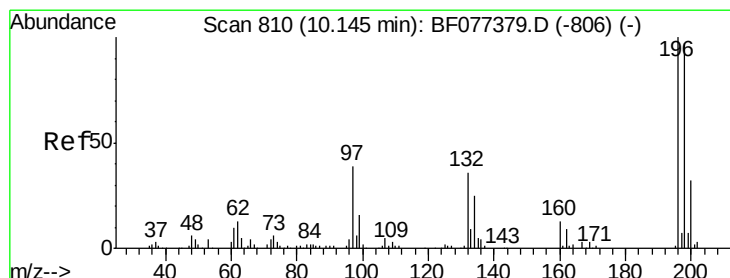
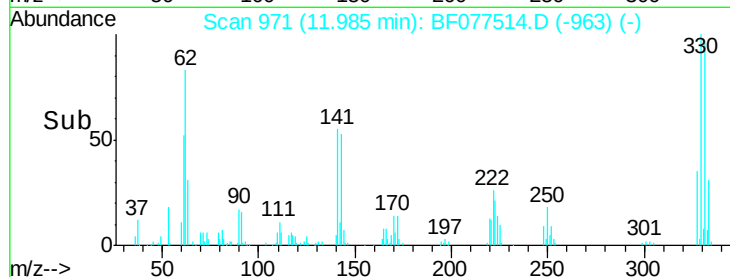
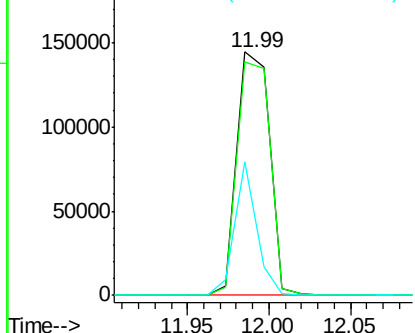
#41
 2,4,6-Tribromophenol
 Concen: 100.47 ng
 RT: 11.99 min Scan# 971
 Delta R.T. 0.00 min
 Lab File: BF077514.D
 Acq: 27 Feb 2015 19:31

Instrument :
 BNA_F
 ClientSampleId :
 PB81918BS

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

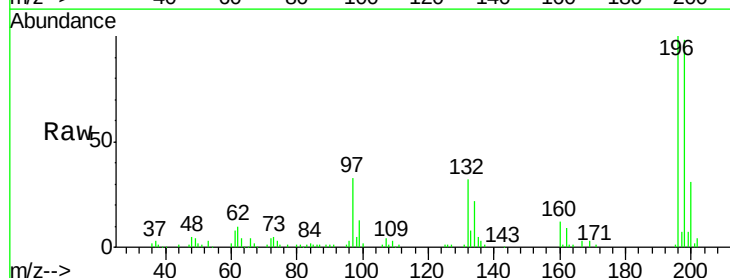


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

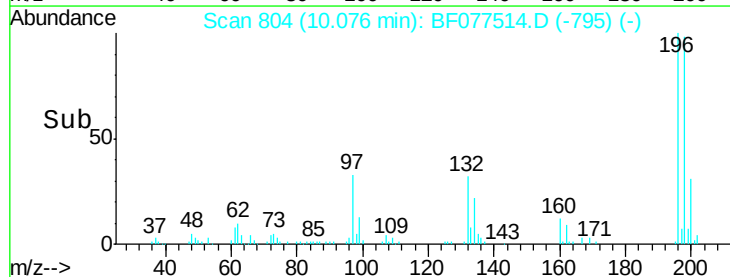
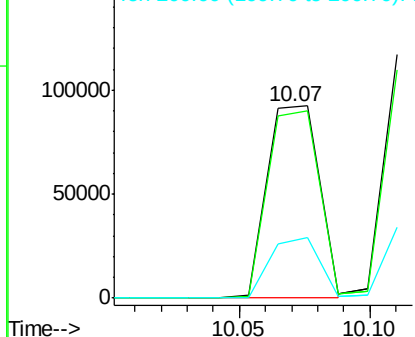


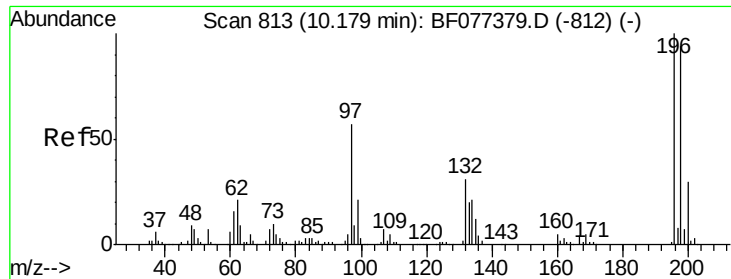
#42
 2,4,6-Trichlorophenol
 Concen: 32.67 ng
 RT: 10.07 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF077514.D
 Acq: 27 Feb 2015 19:31

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

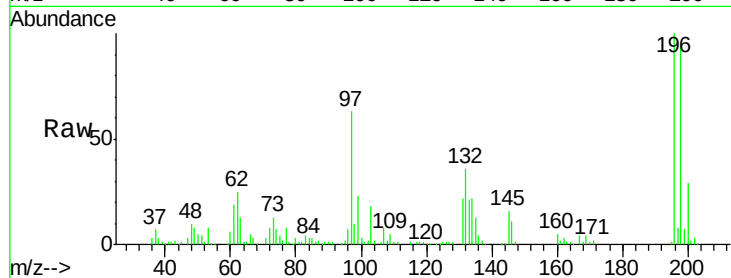




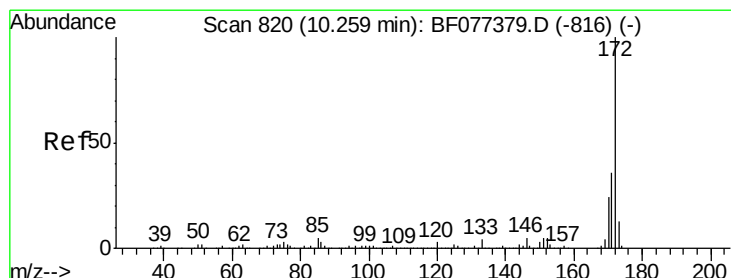
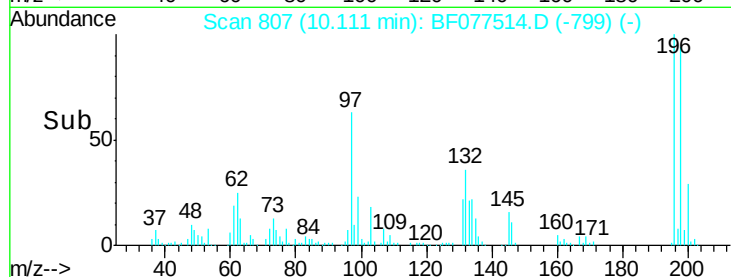
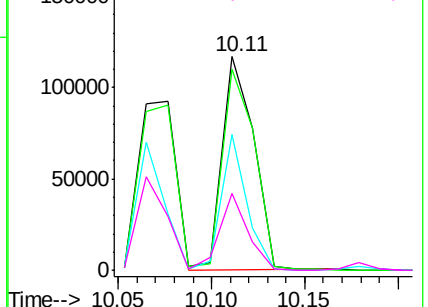
#43
 2,4,5-Trichlorophenol
 Concen: 32.98 ng
 RT: 10.11 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF077514.D
 Acq: 27 Feb 2015 19:31

Instrument :
 BNA_F
 ClientSampleId :
 PB81918BS

Tgt 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#

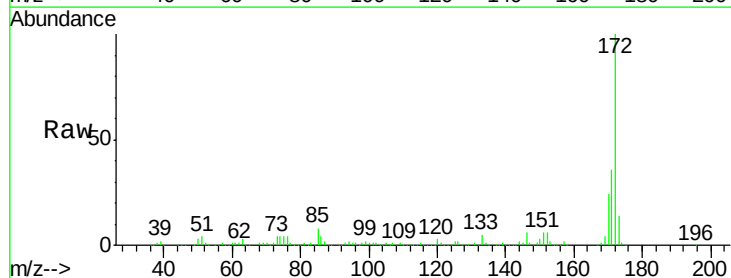


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

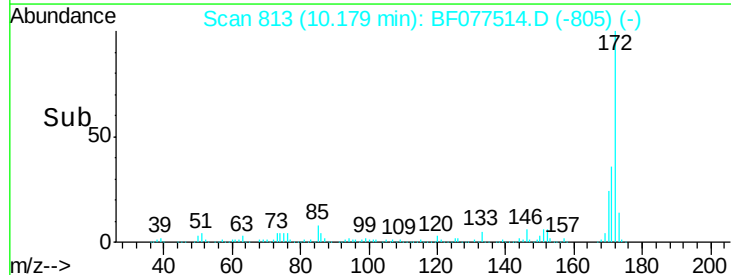
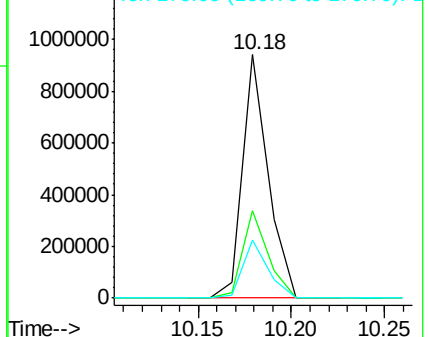


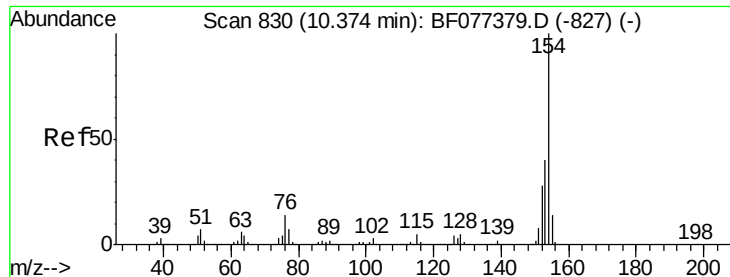
#44
 2-Fluorobiphenyl
 Concen: 67.83 ng
 RT: 10.18 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF077514.D
 Acq: 27 Feb 2015 19:31

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

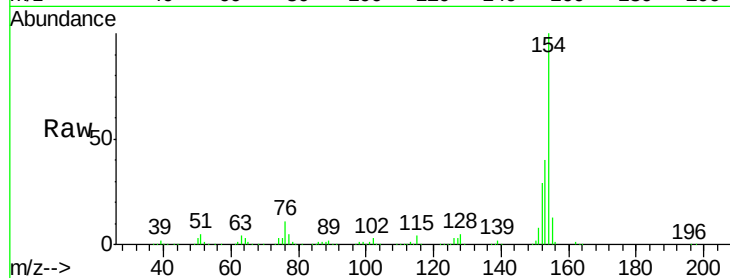




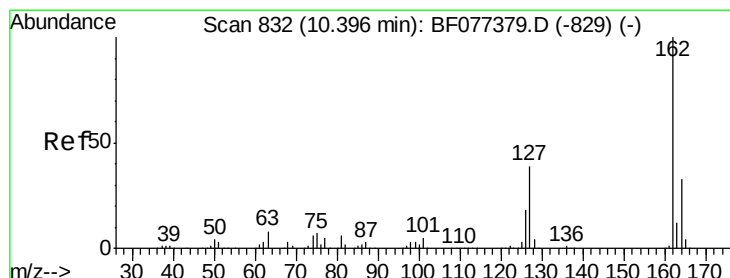
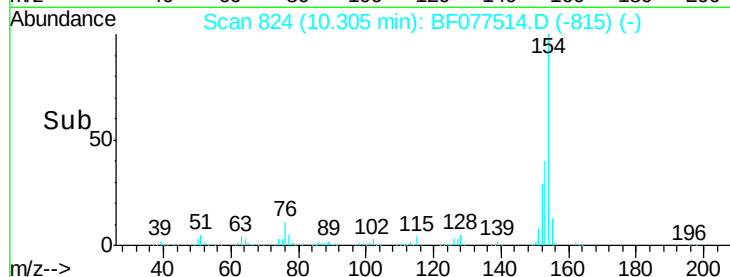
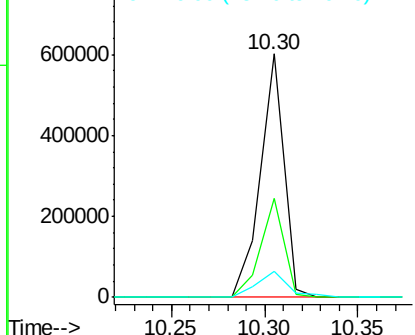
#45
 1,1'-Biphenyl
 Concen: 33.49 ng
 RT: 10.30 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BF077514.D
 Acq: 27 Feb 2015 19:31

Instrument :
 BNA_F
 ClientSampleId :
 PB81918BS

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

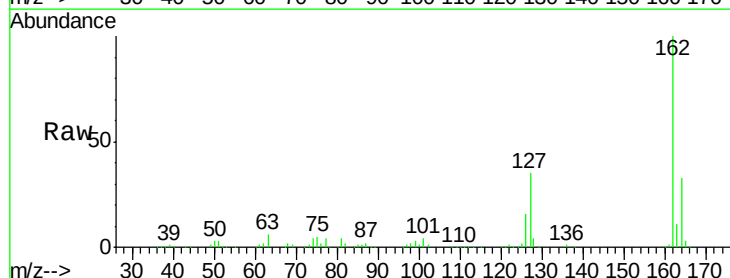


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

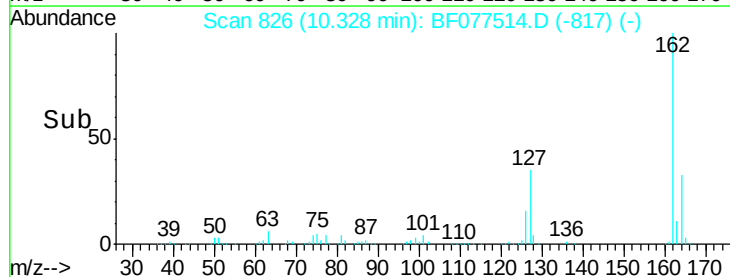
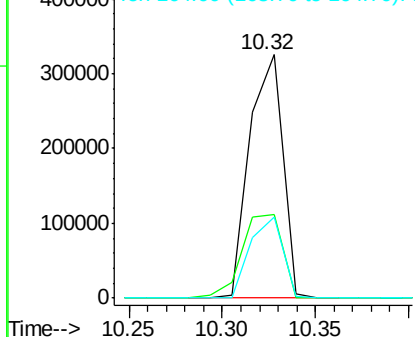


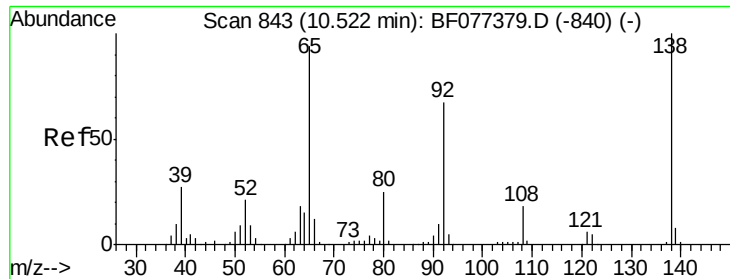
#46
 2-Chloronaphthalene
 Concen: 32.61 ng
 RT: 10.32 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BF077514.D
 Acq: 27 Feb 2015 19:31

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

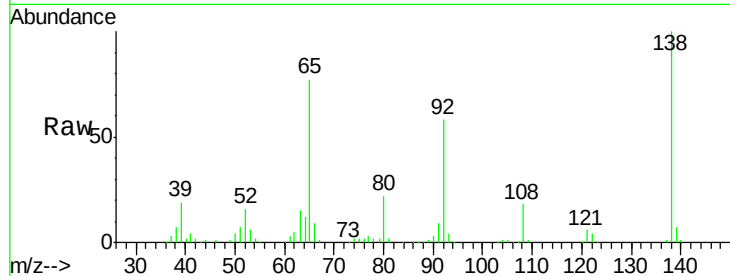
Tgt Ion: 65 Resp: 115904

Ion Ratio Lower Upper

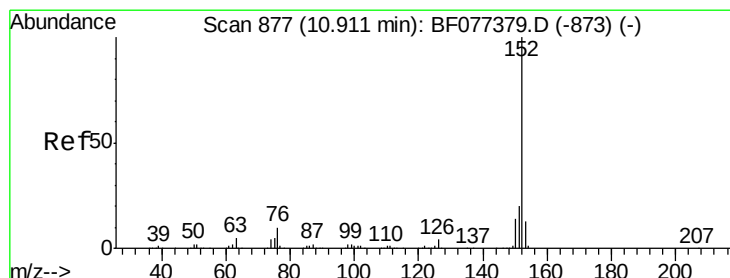
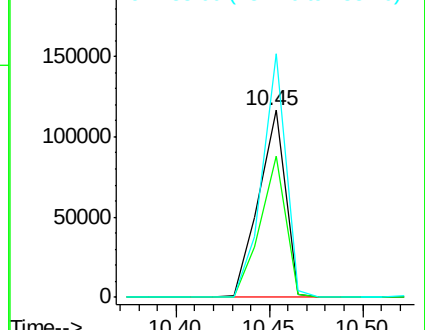
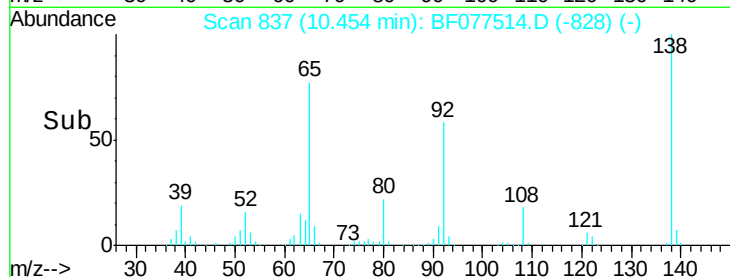
65 100

92 75.7 52.4 78.6

138 130.3 73.4 110.0#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#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

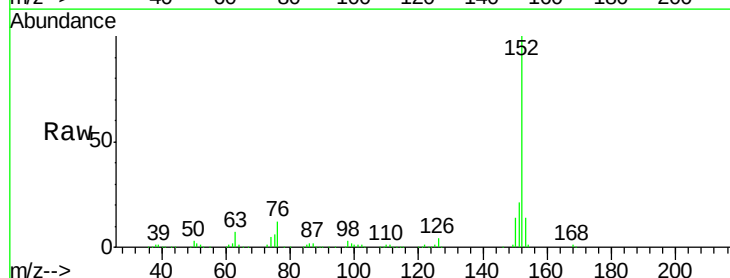
Tgt Ion: 152 Resp: 632351

Ion Ratio Lower Upper

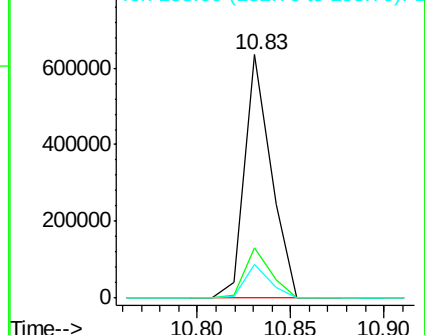
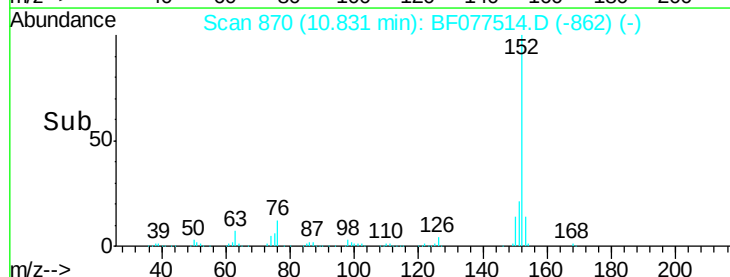
152 100

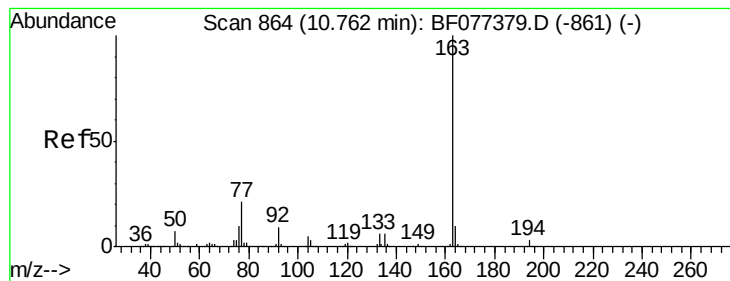
151 20.6 16.1 24.1

153 13.6 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#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

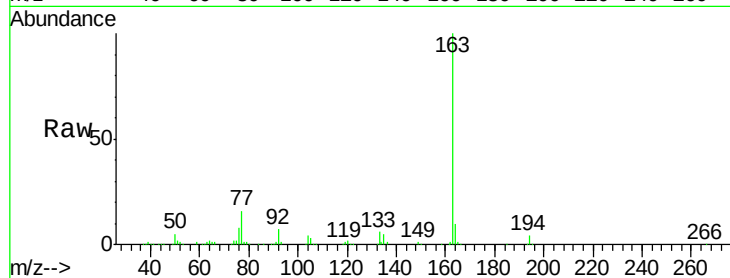
Tgt Ion:163 Resp: 500910

Ion Ratio Lower Upper

163 100

194 3.8 2.6 4.0

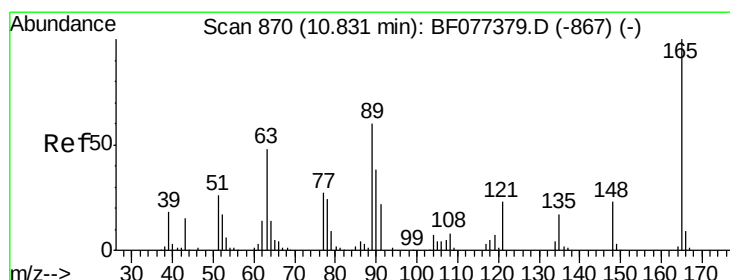
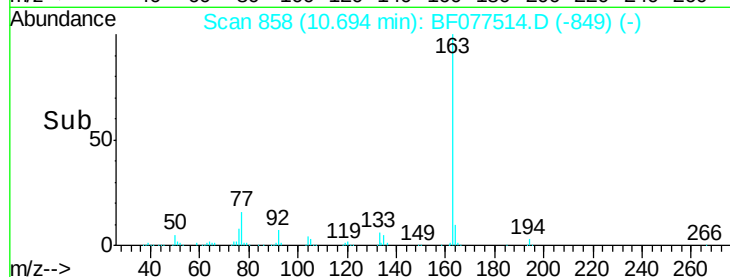
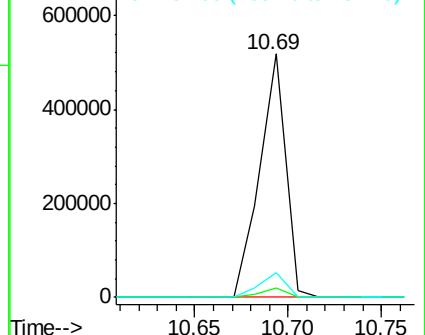
164 10.0 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 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

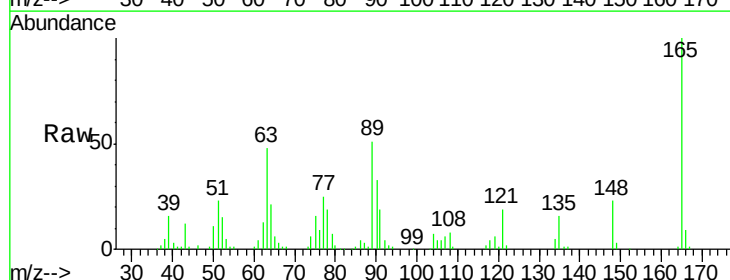
Tgt Ion:165 Resp: 106622

Ion Ratio Lower Upper

165 100

63 48.0 25.2 37.8#

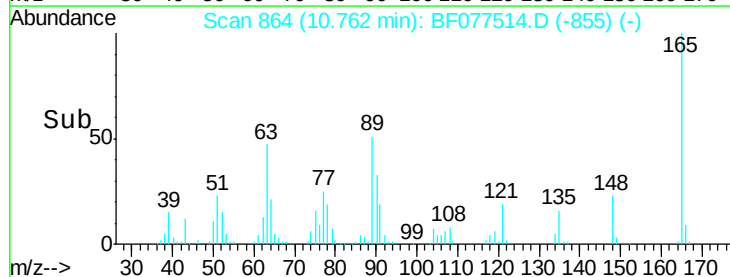
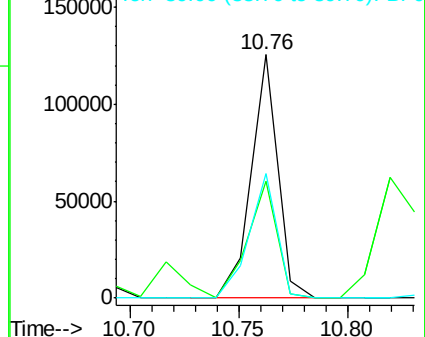
89 51.4 30.5 45.7#

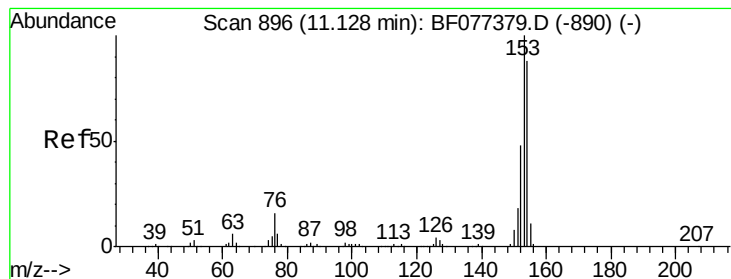


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 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

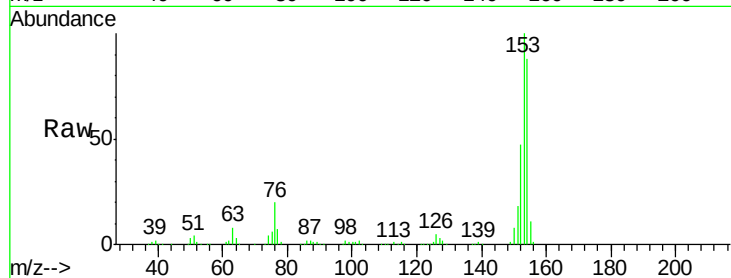
Tgt Ion:154 Resp: 375408

Ion Ratio Lower Upper

154 100

153 113.3 90.5 135.7

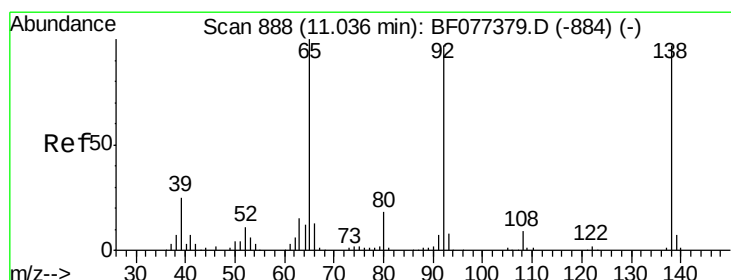
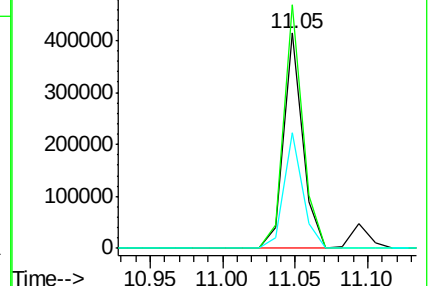
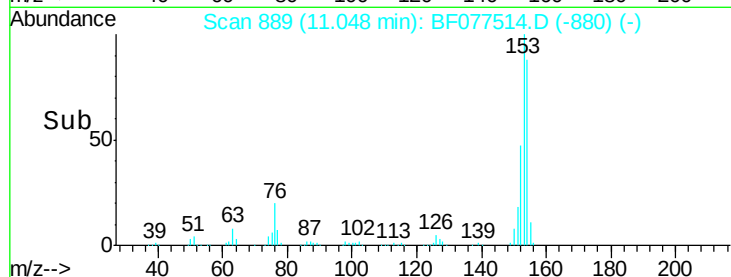
152 53.8 43.5 65.3



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

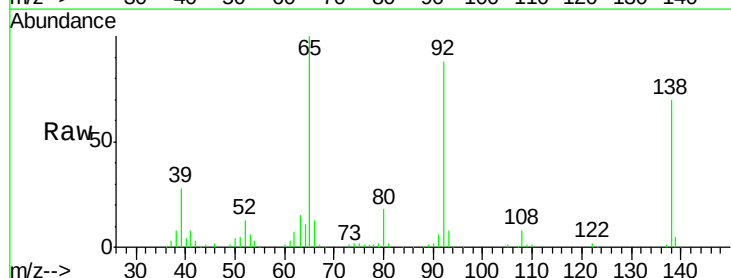
Tgt Ion:138 Resp: 74947

Ion Ratio Lower Upper

138 100

108 10.7 7.8 11.8

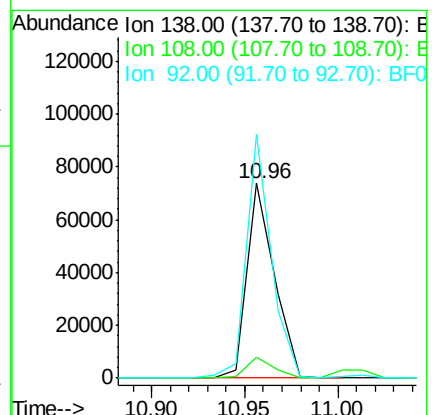
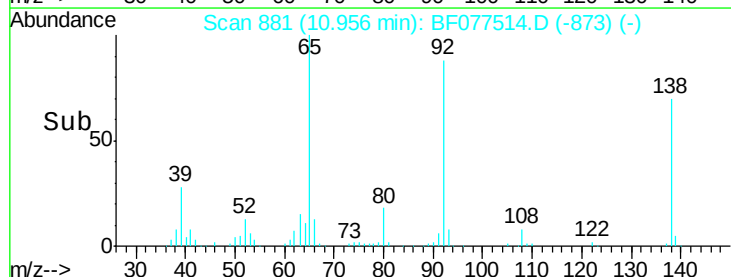
92 125.1 90.6 135.8

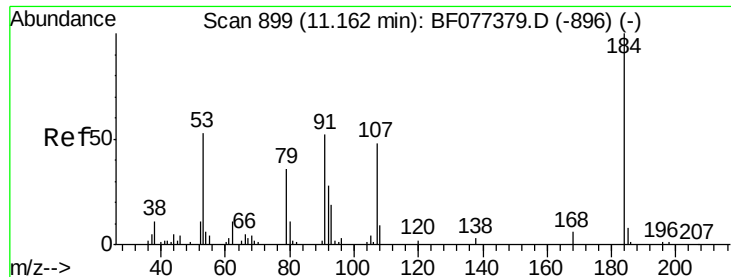


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

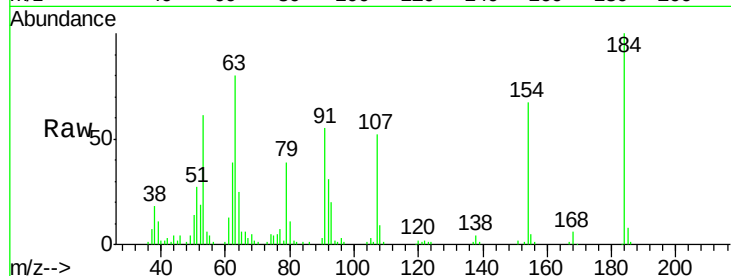




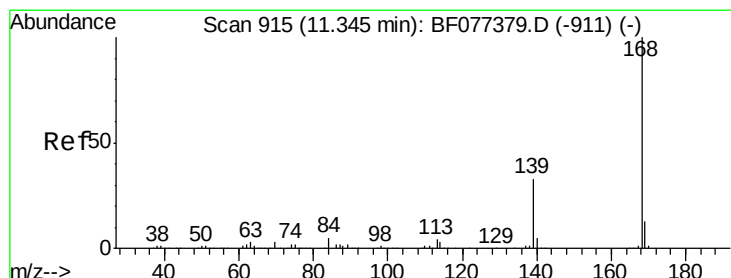
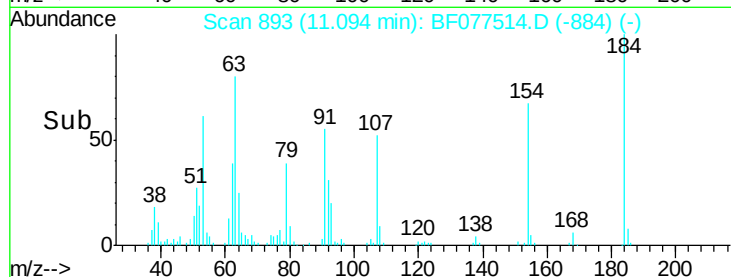
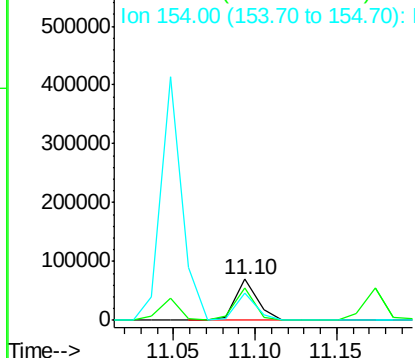
#53
2,4-Dinitrophenol
Concen: 73.92 ng
RT: 11.10 min Scan# 893
Delta R.T. -0.00 min
Lab File: BF077514.D
Acq: 27 Feb 2015 19:31

Instrument :
BNA_F
ClientSampleId :
PB81918BS

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

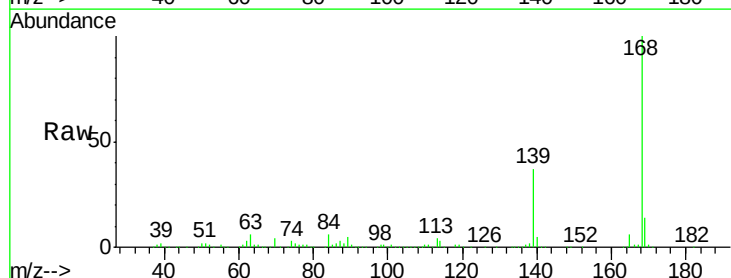


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF077379.D (-896) (-)
Ion 154.00 (153.70 to 154.70): E

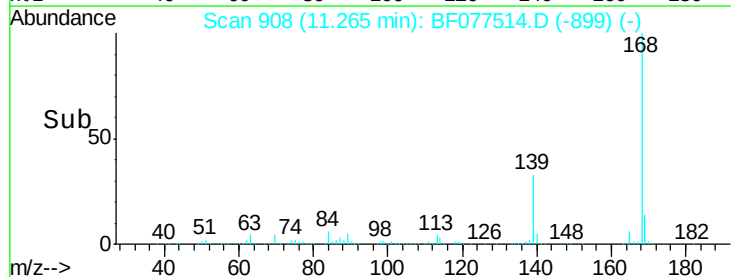
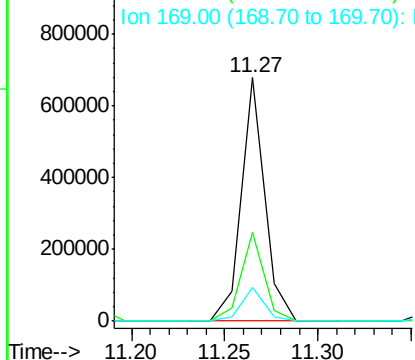


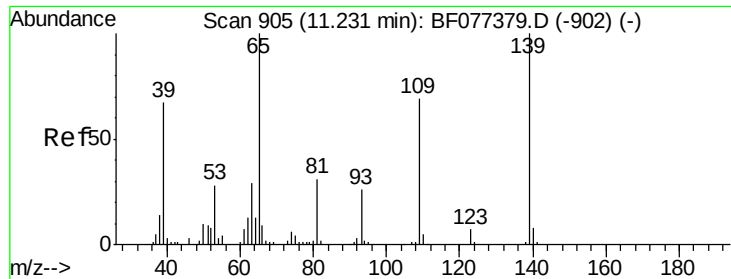
#54
Dibenzofuran
Concen: 33.31 ng
RT: 11.27 min Scan# 908
Delta R.T. -0.00 min
Lab File: BF077514.D
Acq: 27 Feb 2015 19:31

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

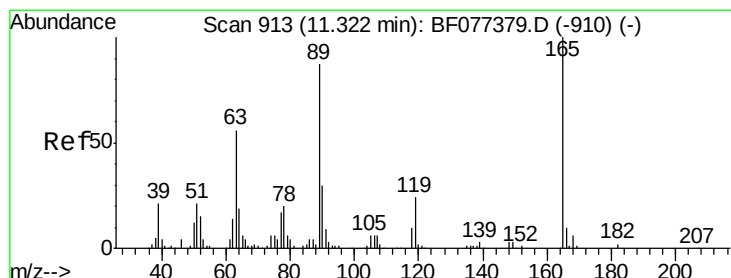
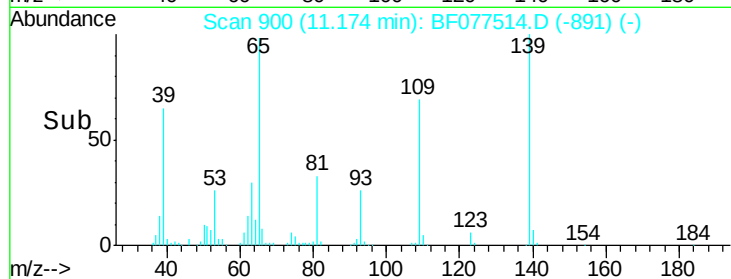
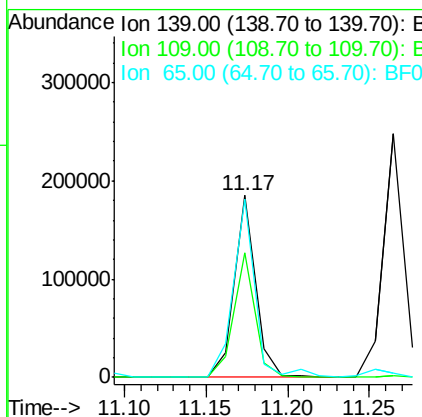
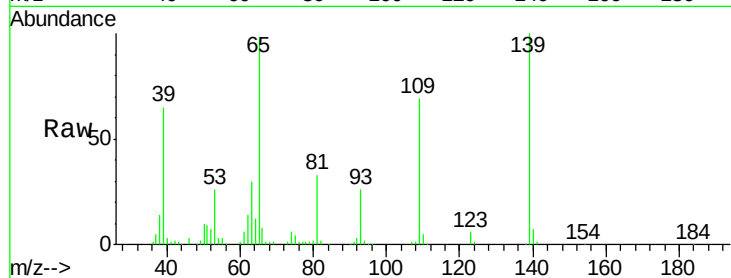




#55
4-Nitrophenol
Concen: 62.16 ng
RT: 11.17 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF077514.D
Acq: 27 Feb 2015 19:31

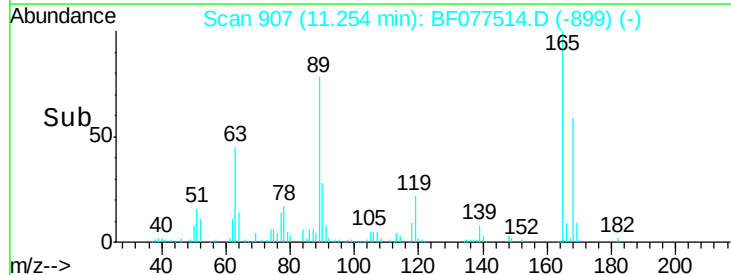
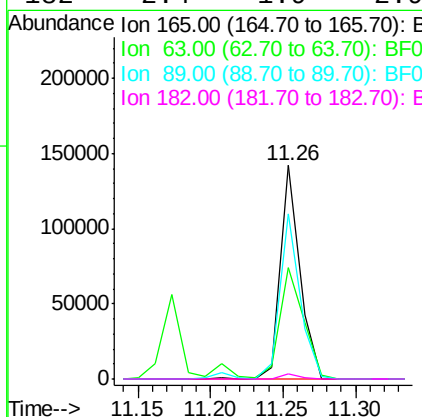
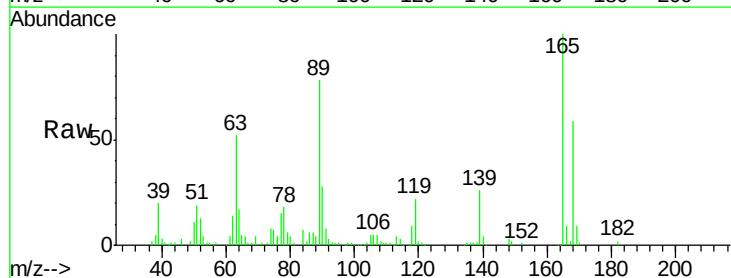
Instrument :
BNA_F
ClientSampleId :
PB81918BS

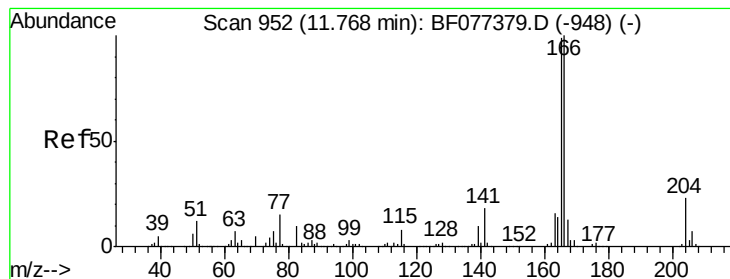
Tgt Ion:139 Resp: 167684
Ion Ratio Lower Upper
139 100
109 68.5 36.2 76.2
65 98.1 40.3 80.3#



#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

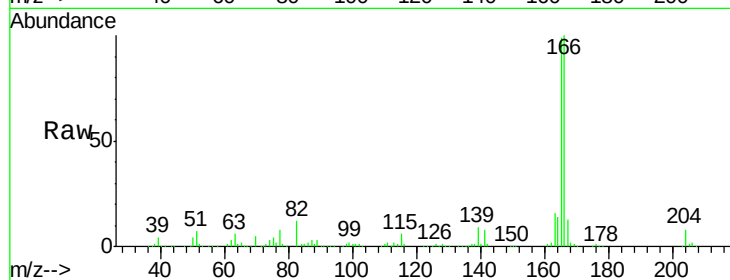
Tgt Ion:166 Resp: 475988

Ion Ratio Lower Upper

166 100

165 98.9 77.6 116.4

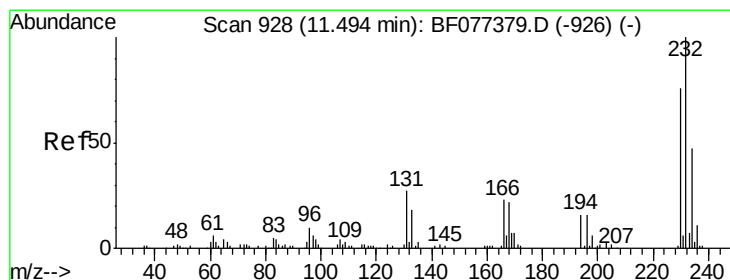
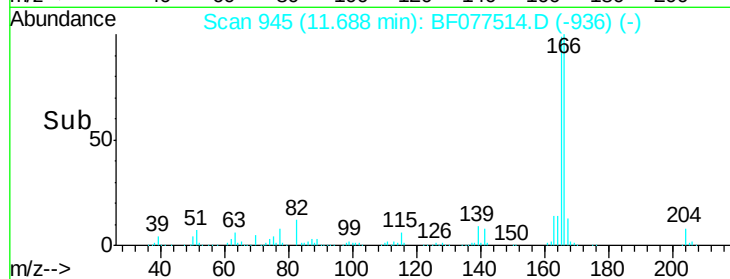
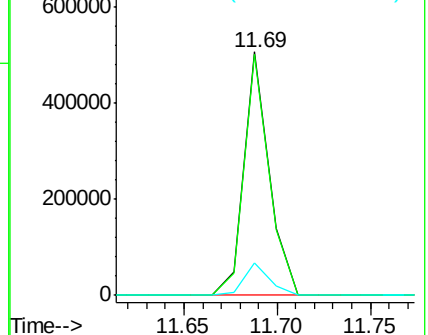
167 13.4 10.6 16.0



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

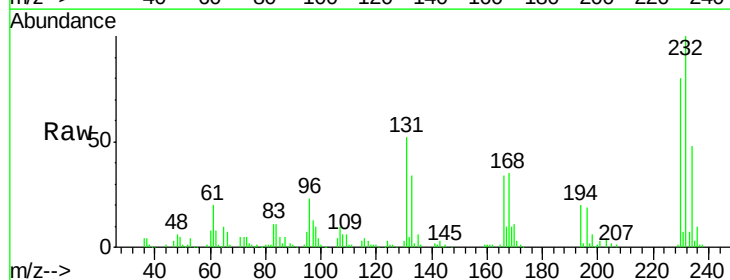
Ion Ratio Lower Upper

232 100

131 47.3 34.2 51.2

130 2.5 1.8 2.6

166 32.1 24.3 36.5

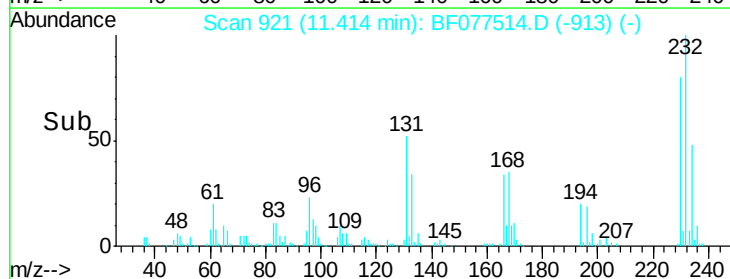
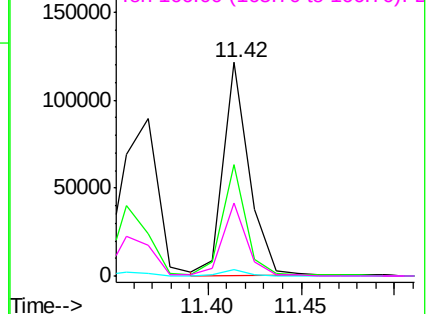


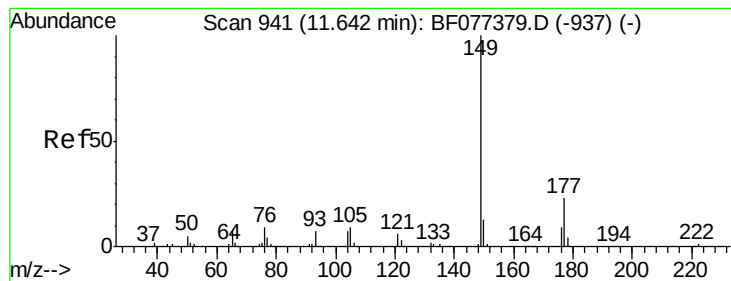
Abundance Ion 232.00 (231.70 to 232.70): E

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

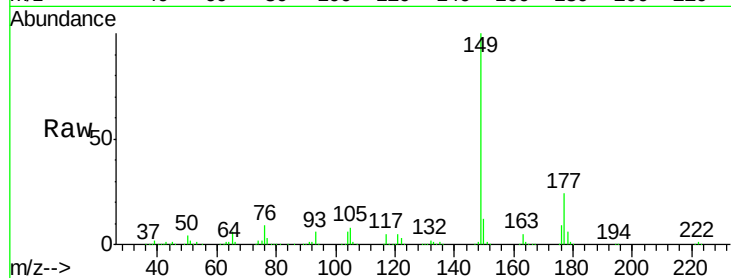
Tgt Ion:149 Resp: 495365

Ion Ratio Lower Upper

149 100

177 23.9 17.2 25.8

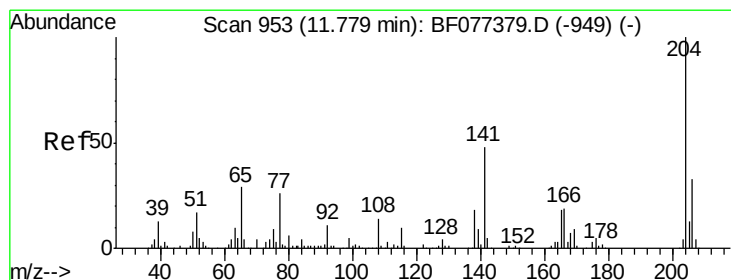
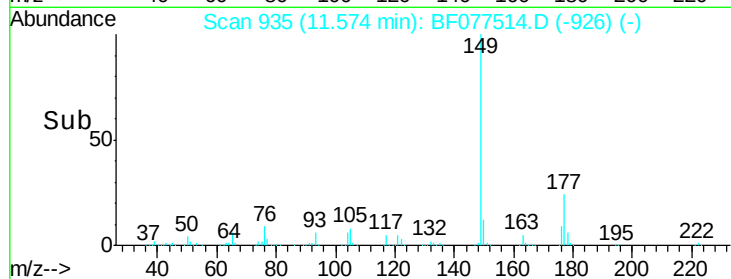
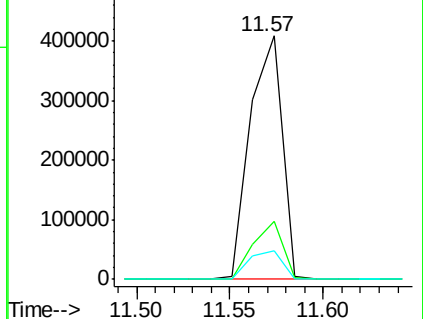
150 11.7 10.5 15.7



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

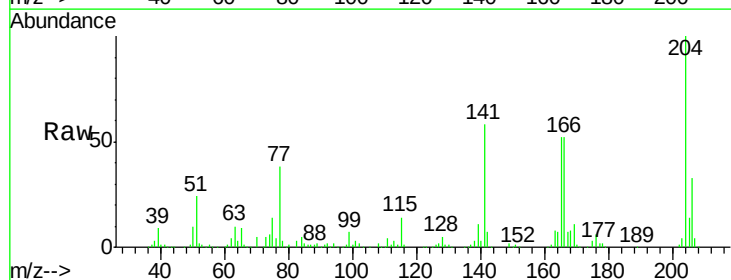
Tgt Ion:204 Resp: 229952

Ion Ratio Lower Upper

204 100

206 32.9 25.9 38.9

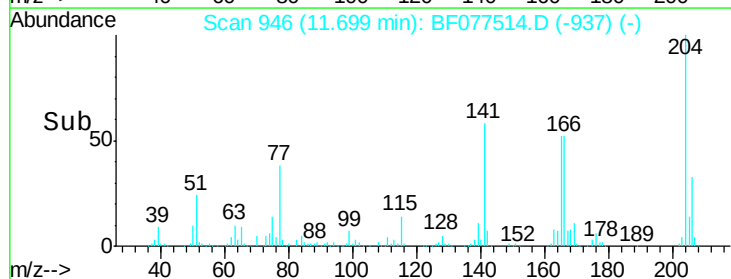
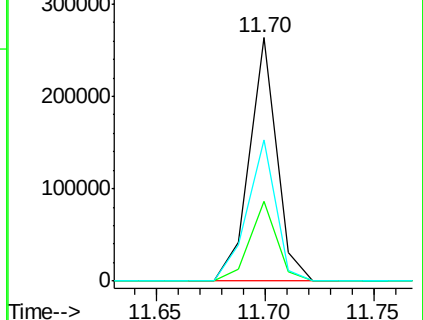
141 58.1 43.6 65.4

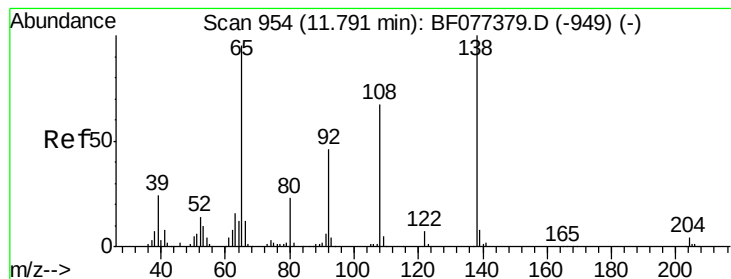


Abundance Ion 204.00 (203.70 to 204.70): E

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

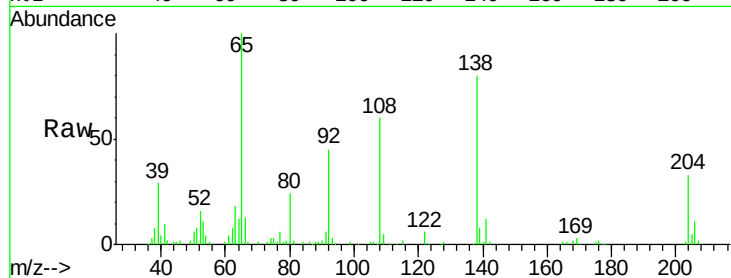
Tgt Ion:138 Resp: 106351

Ion Ratio Lower Upper

138 100

92 56.0 32.8 72.8

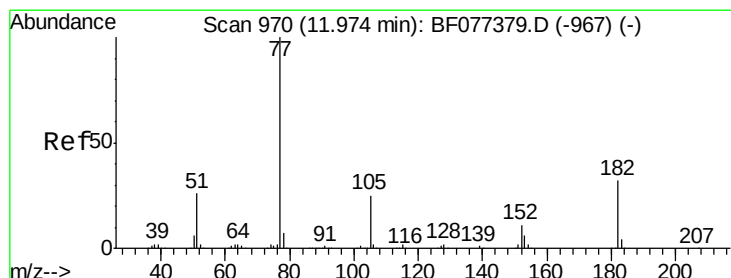
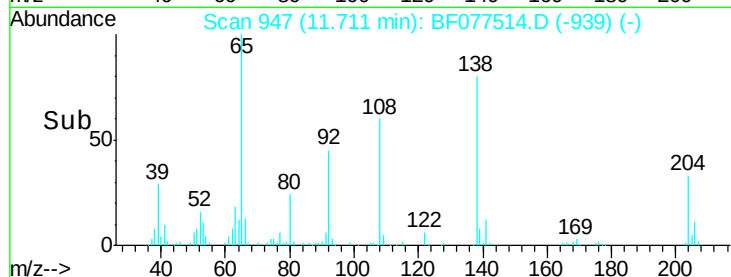
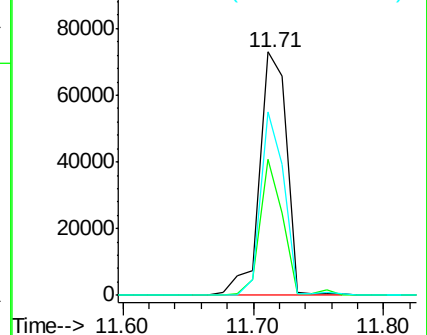
108 75.3 52.1 92.1



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

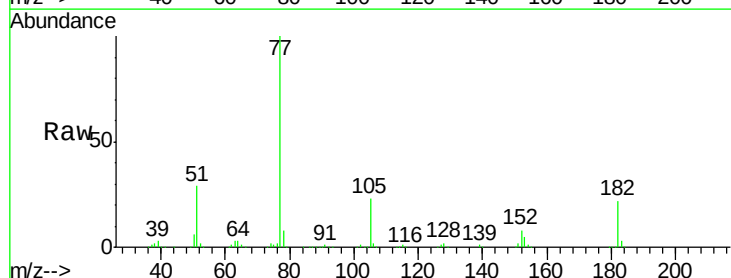
Ion Ratio Lower Upper

77 100

182 22.1 4.9 44.9

105 22.9 3.3 43.3

51 29.2 8.9 48.9

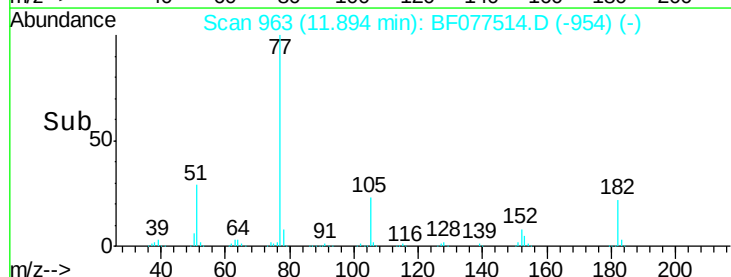
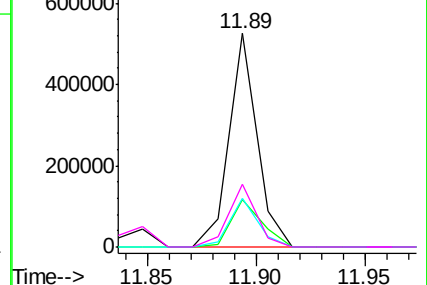


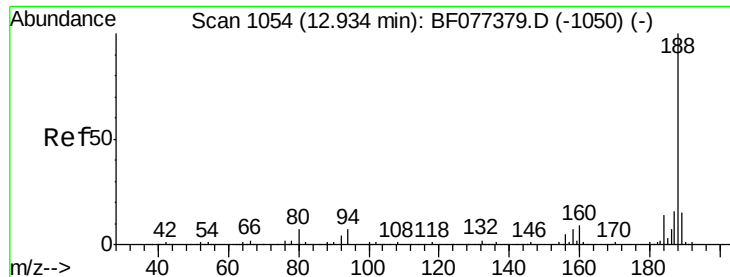
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

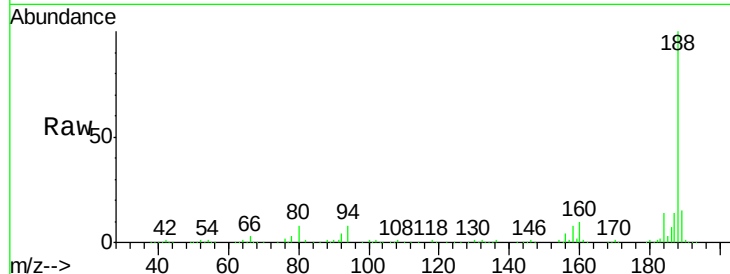




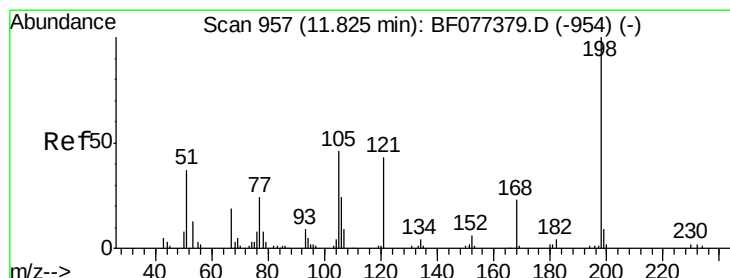
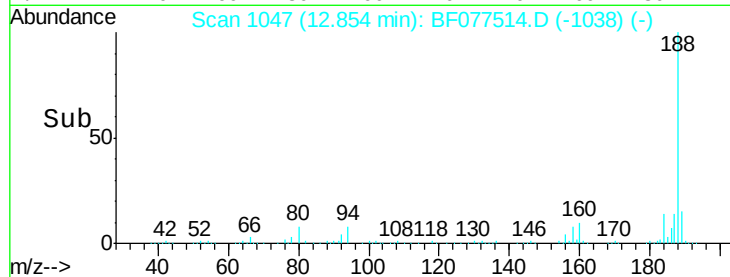
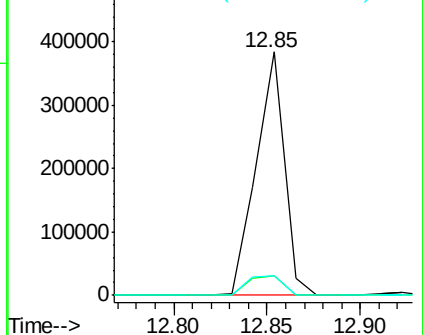
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.85 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF077514.D
Acq: 27 Feb 2015 19:31

Instrument :
BNA_F
ClientSampleId :
PB81918BS

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.4	11.2
80	8.2	8.0	12.0

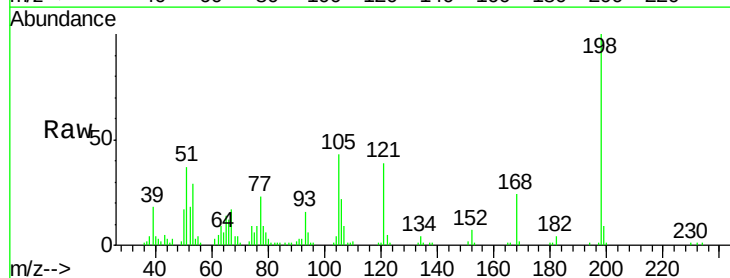


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

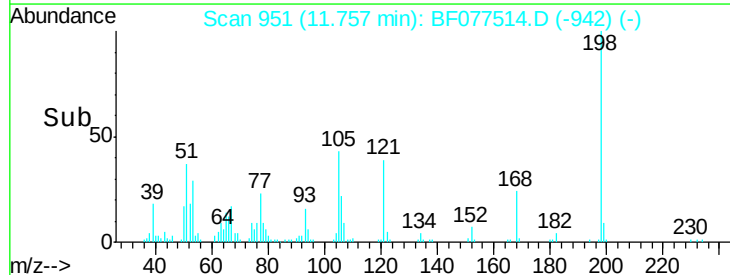
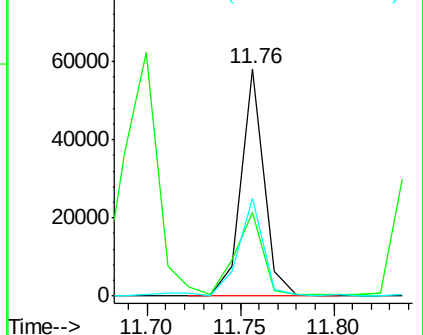


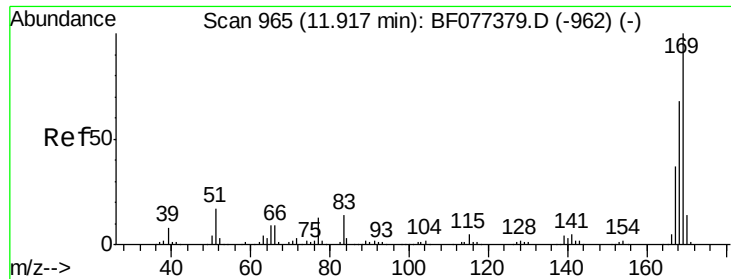
#64
4,6-Dinitro-2-methylphenol
Concen: 32.44 ng
RT: 11.76 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF077514.D
Acq: 27 Feb 2015 19:31

Tgt Ion	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

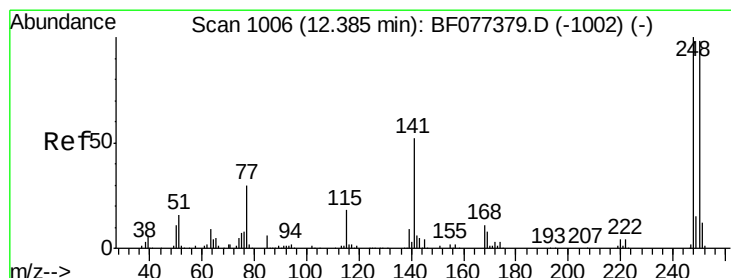
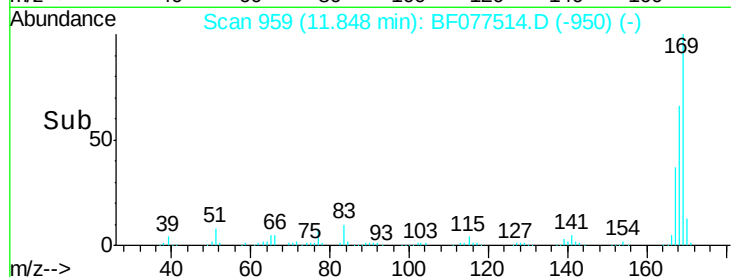
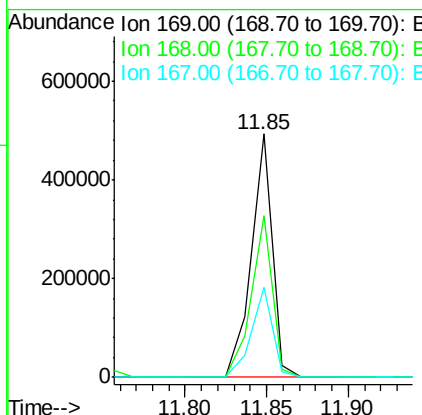
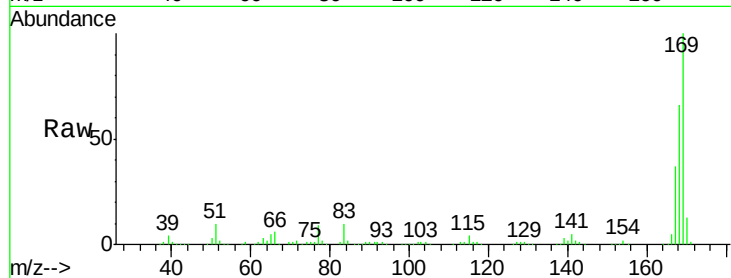




#65
 n-Nitrosodiphenylamine
 Concen: 33.03 ng
 RT: 11.85 min Scan# 959
 Delta R.T. -0.00 min
 Lab File: BF077514.D
 Acq: 27 Feb 2015 19:31

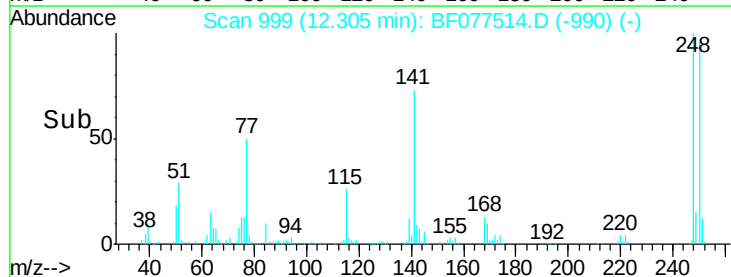
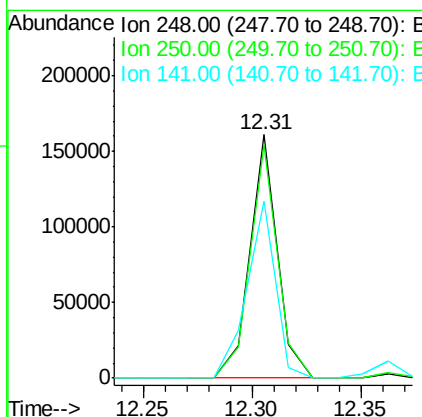
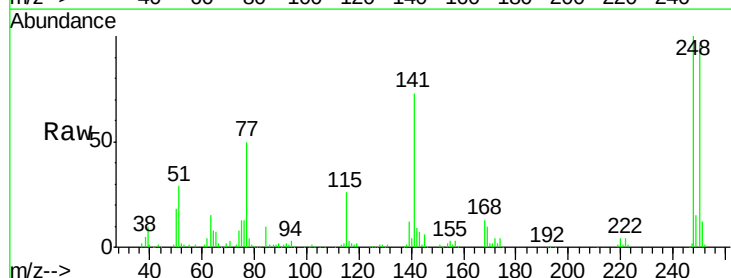
Instrument :
 BNA_F
 ClientSampleId :
 PB81918BS

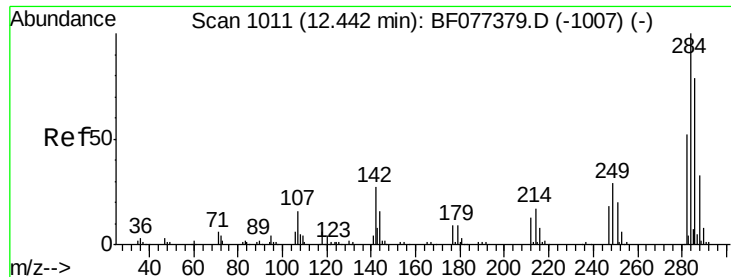
Tgt Ion:169 Resp: 439460
 Ion Ratio Lower Upper
 169 100
 168 66.2 53.0 79.6
 167 36.9 29.5 44.3



#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

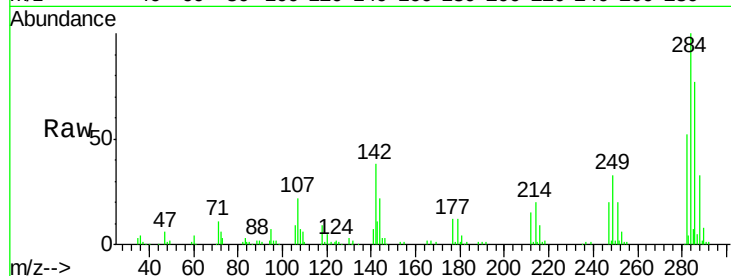
Tgt Ion:284 Resp: 149866

Ion Ratio Lower Upper

284 100

142 37.8 31.6 47.4

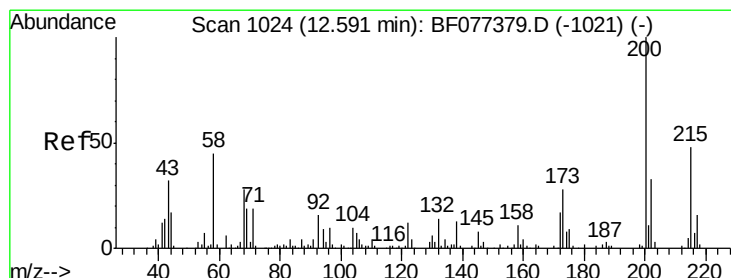
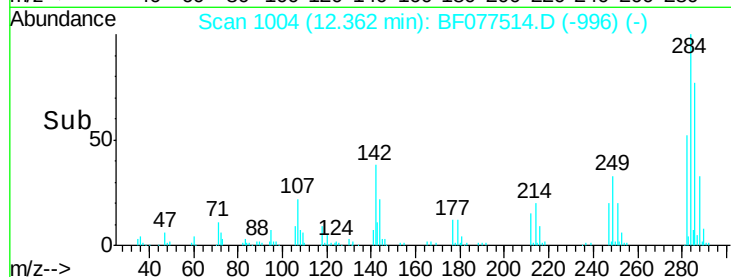
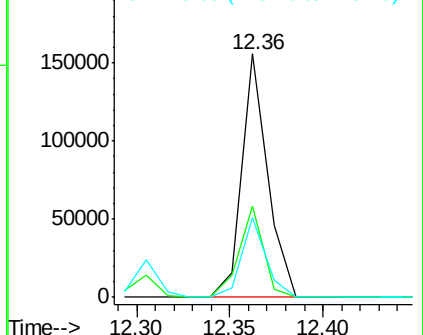
249 32.8 27.0 40.4



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

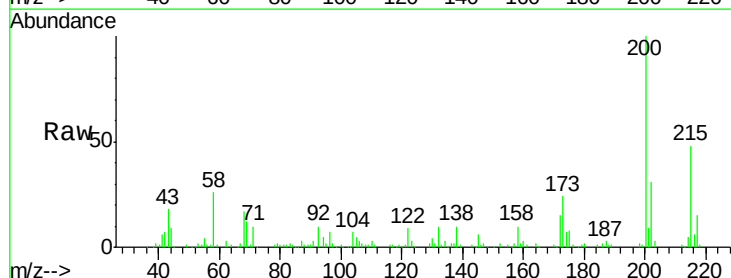
Tgt Ion:200 Resp: 139974

Ion Ratio Lower Upper

200 100

173 24.5 9.6 49.6

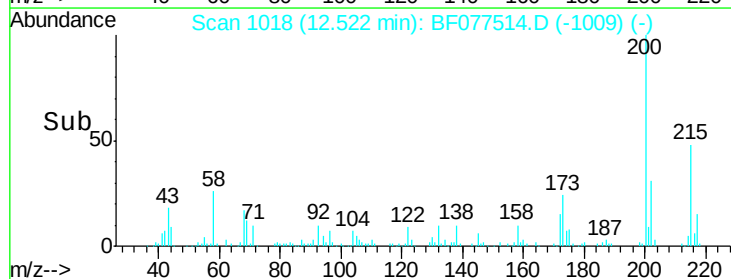
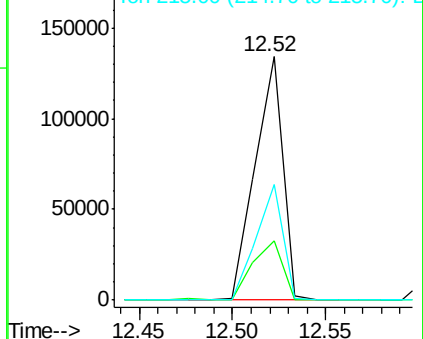
215 47.5 24.4 64.4

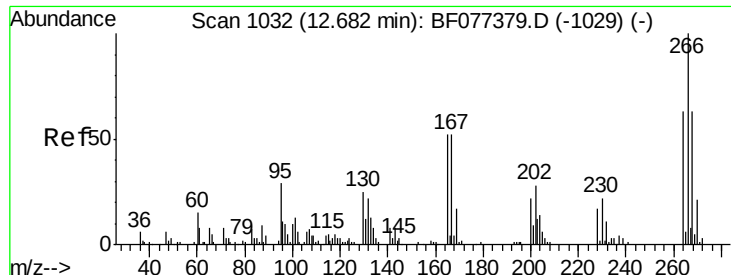


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

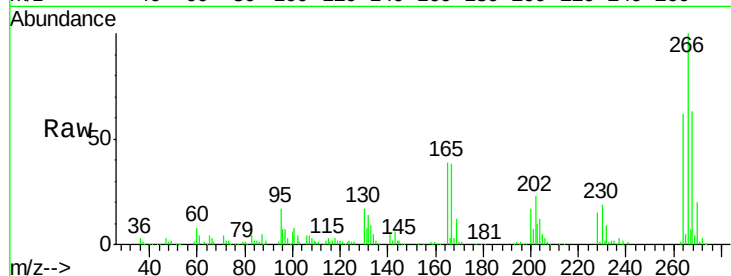




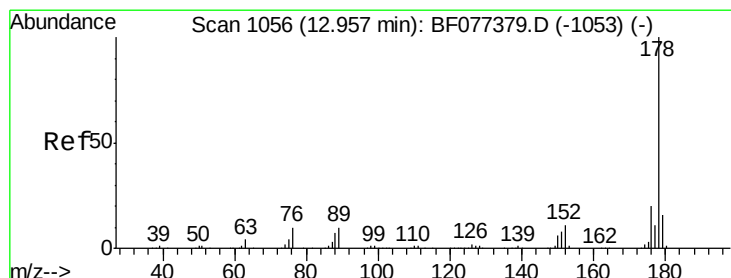
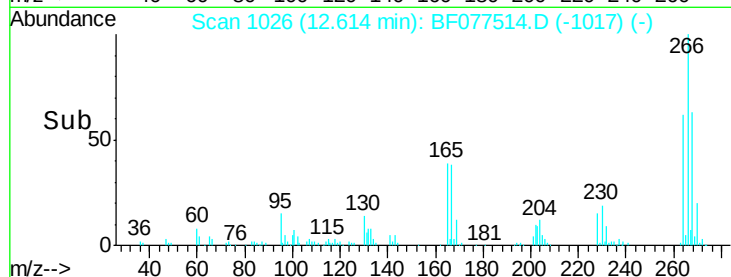
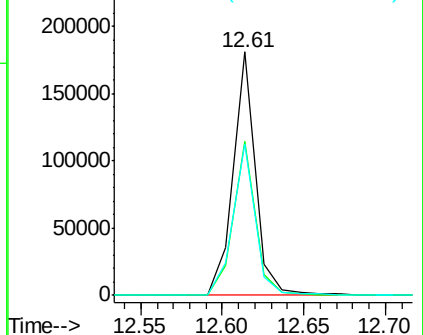
#69
 Pentachlorophenol
 Concen: 64.18 ng
 RT: 12.61 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BF077514.D
 Acq: 27 Feb 2015 19:31

Instrument :
 BNA_F
 ClientSampleId :
 PB81918BS

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

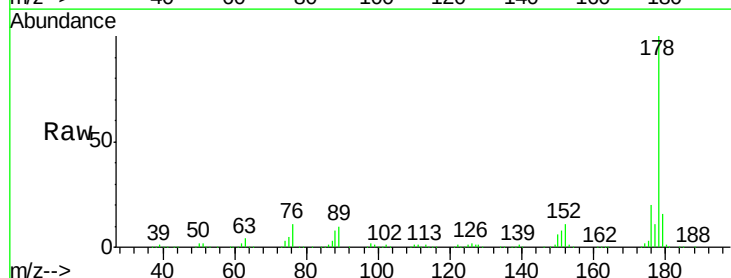


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

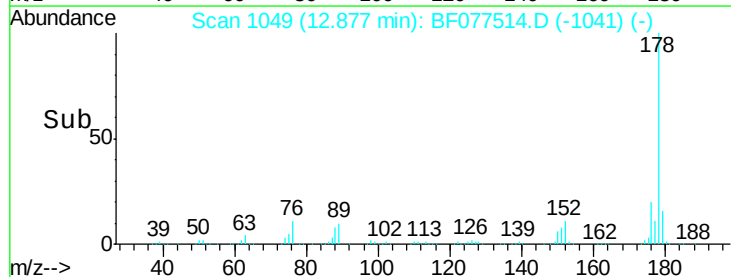
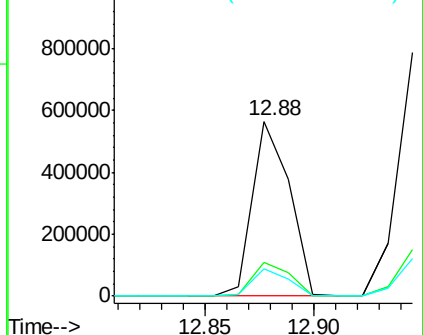


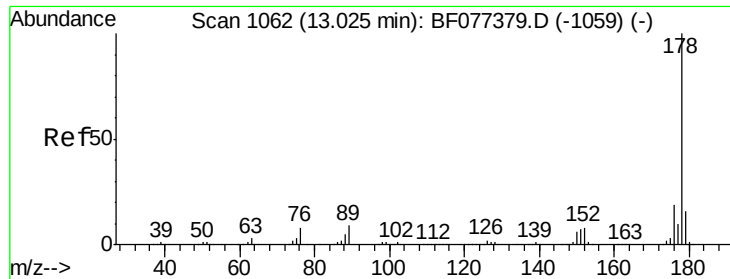
#70
 Phenanthrene
 Concen: 28.86 ng
 RT: 12.88 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BF077514.D
 Acq: 27 Feb 2015 19:31

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

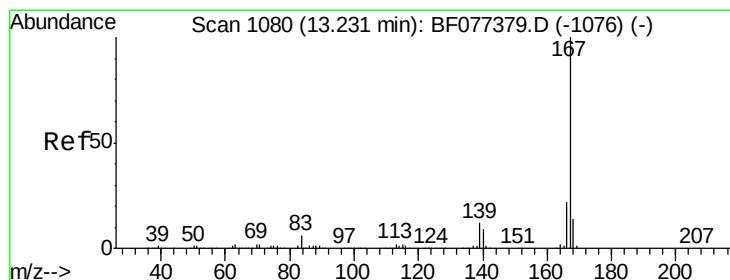
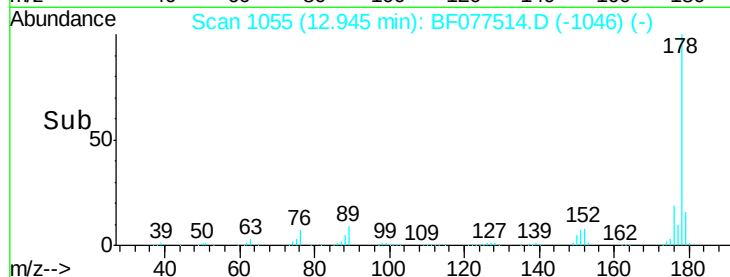
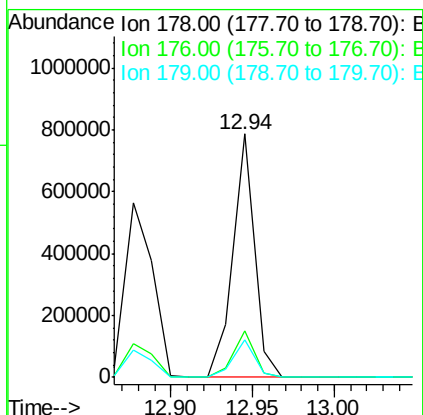
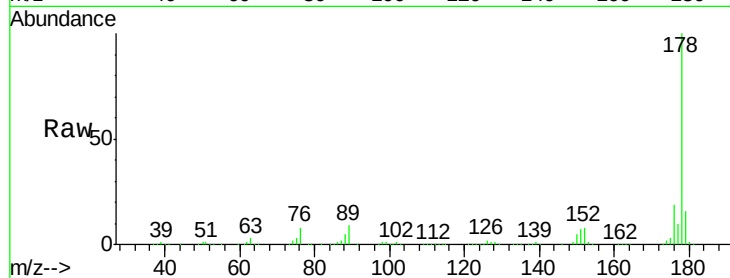




#71
 Anthracene
 Concen: 31.07 ng
 RT: 12.94 min Scan# 1055
 Delta R.T. -0.00 min
 Lab File: BF077514.D
 Acq: 27 Feb 2015 19:31

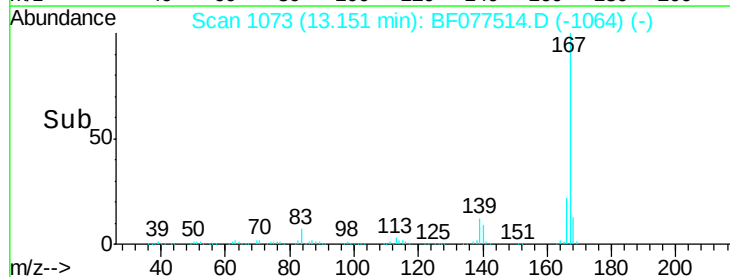
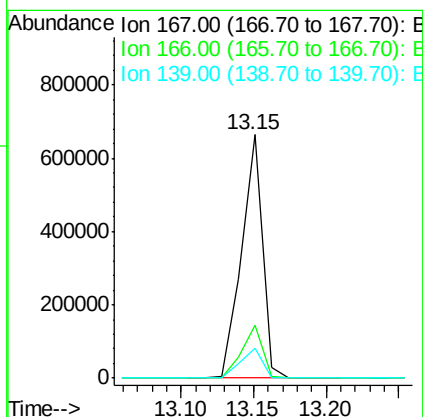
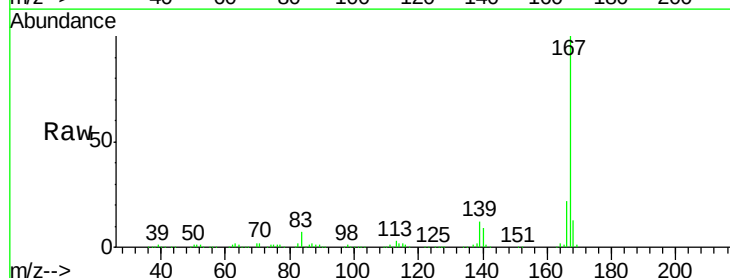
Instrument :
 BNA_F
 ClientSampleId :
 PB81918BS

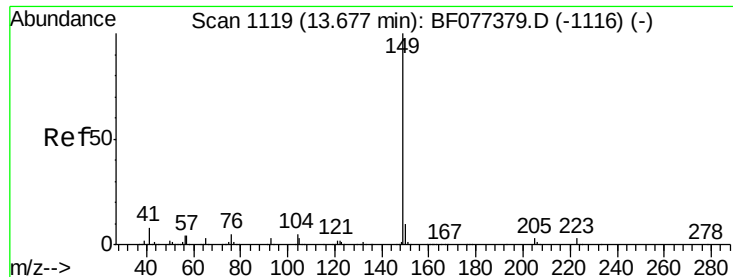
Tgt Ion:178 Resp: 716712
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.0
 179 15.6 12.9 19.3



#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





#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

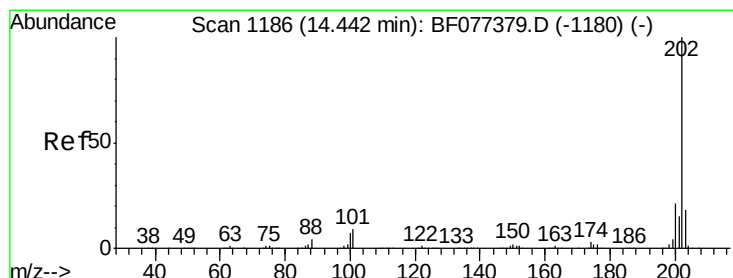
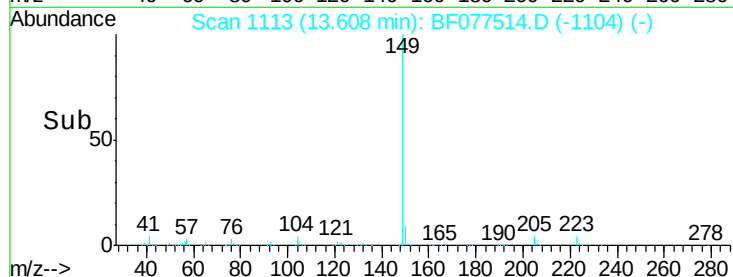
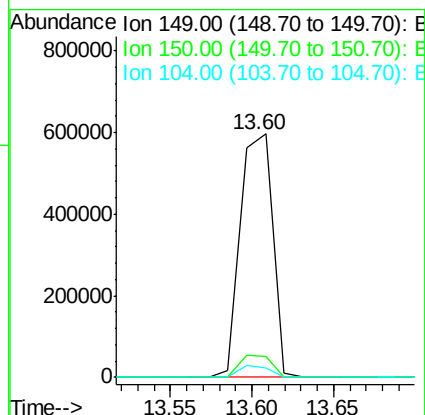
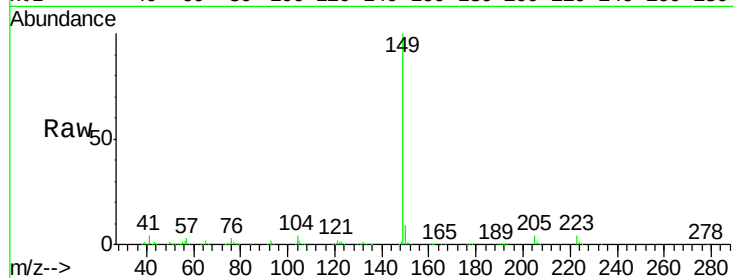
Instrument :

BNA_F

ClientSampleId :

PB81918BS

Tgt Ion:	149	Resp:	812808
Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.8	11.8
104	3.9	4.1	6.1#



#74

Fluoranthene

Concen: 29.72 ng

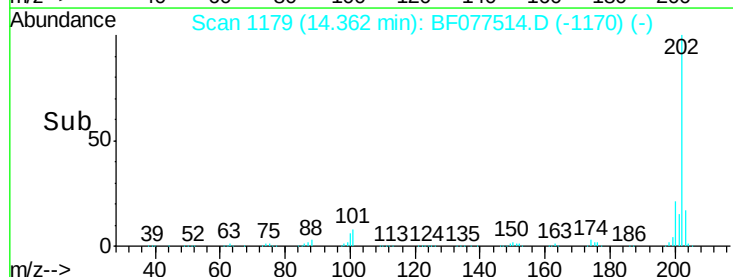
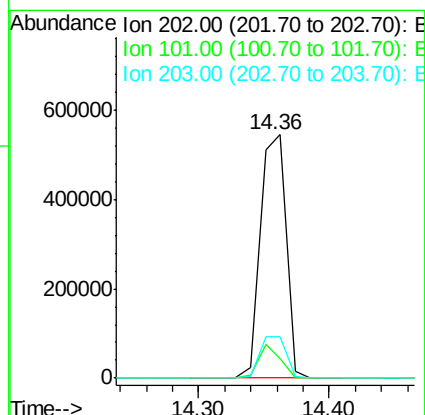
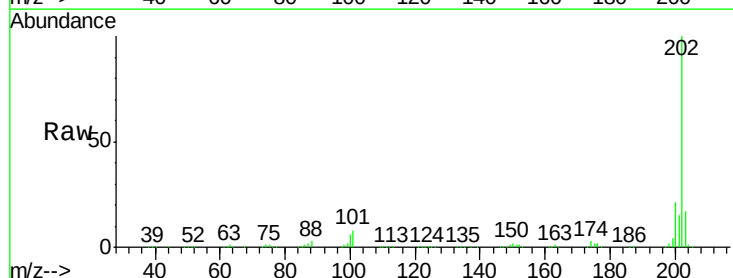
RT: 14.36 min Scan# 1179

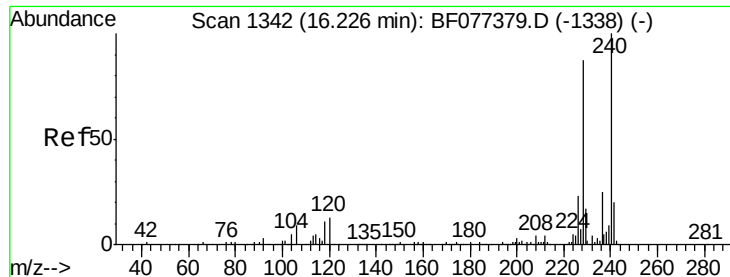
Delta R.T. -0.00 min

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





#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

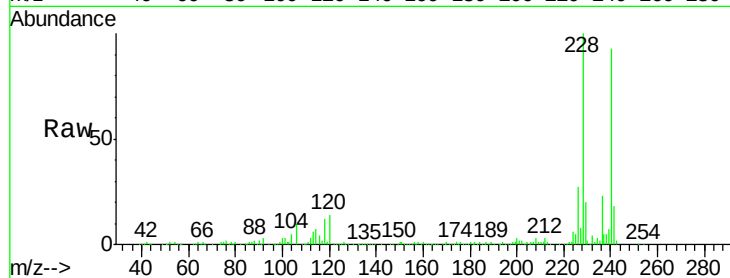
Tgt Ion:240 Resp: 396533

Ion Ratio Lower Upper

240 100

120 15.3 8.8 13.2#

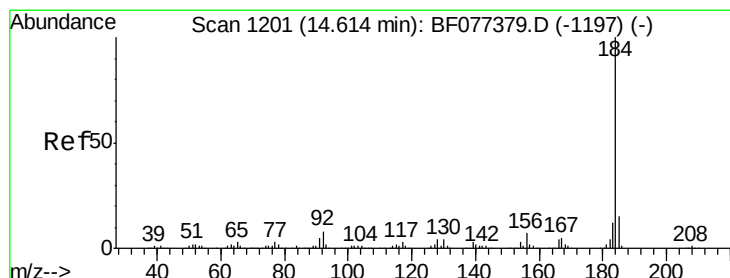
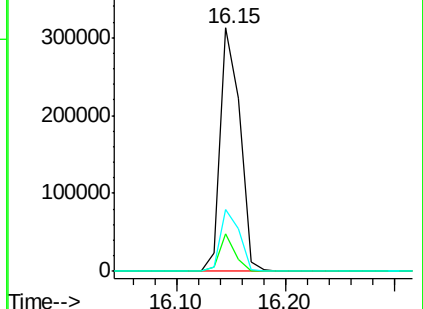
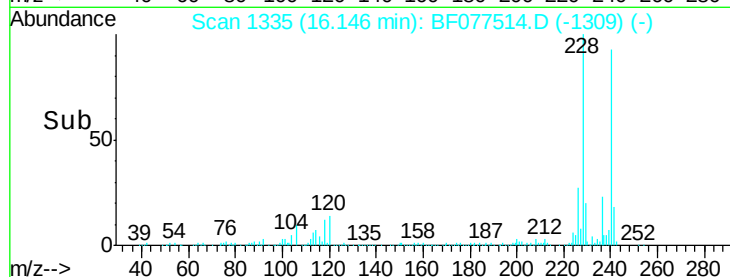
236 25.3 20.7 31.1



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

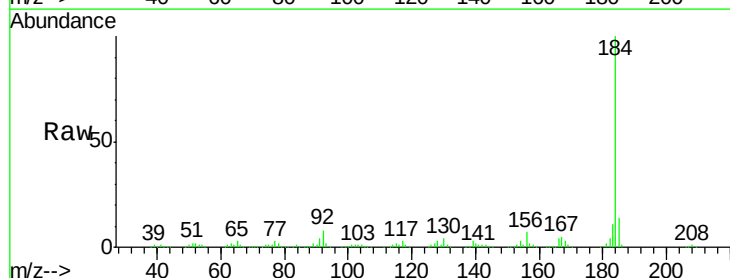
Tgt Ion:184 Resp: 378787

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

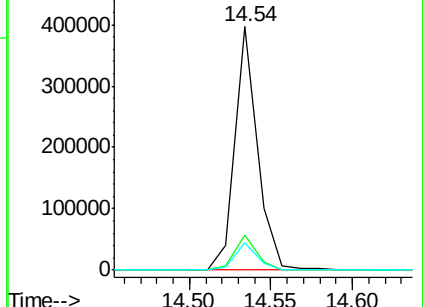
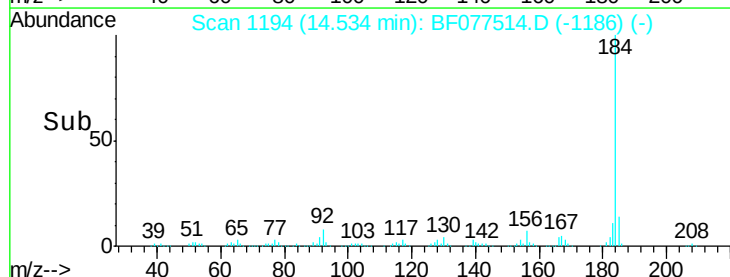
183 11.4 9.3 13.9

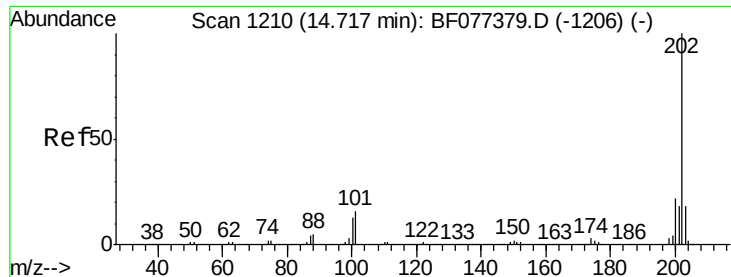


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

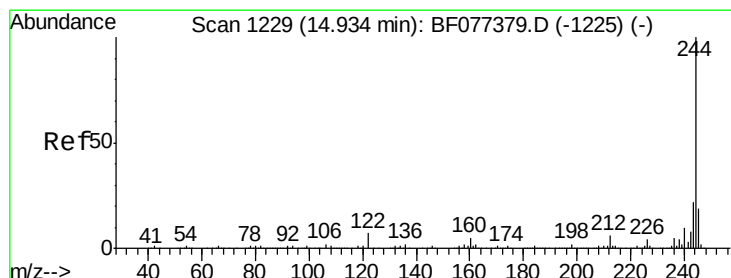
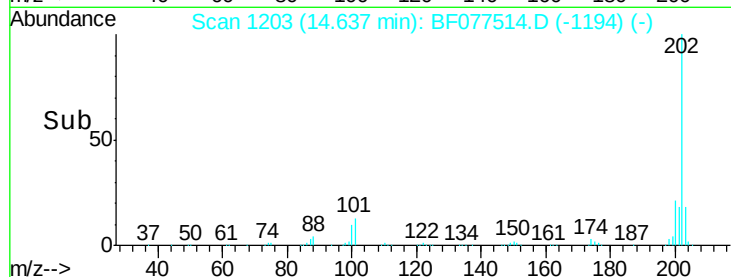
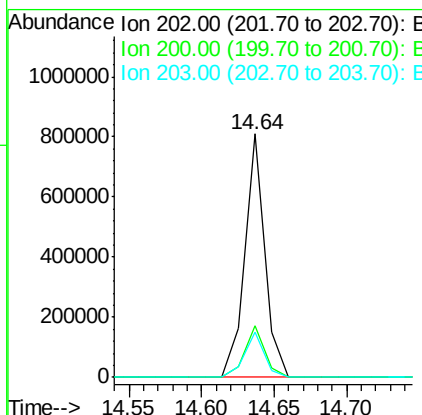
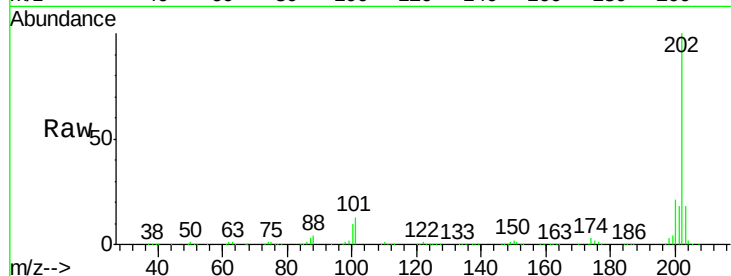




#77
 Pyrene
 Concen: 31.93 ng
 RT: 14.64 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF077514.D
 Acq: 27 Feb 2015 19:31

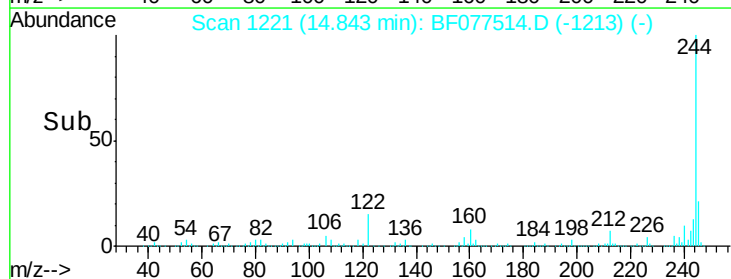
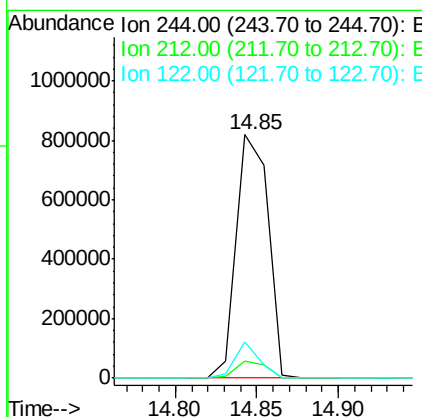
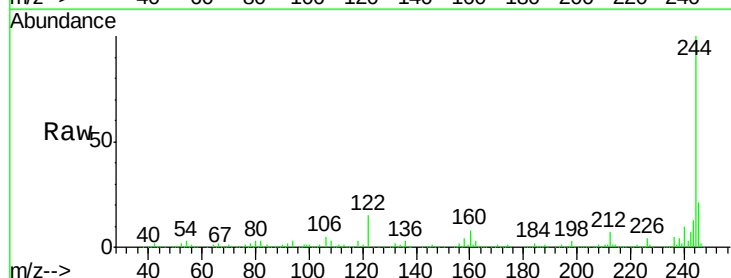
Instrument :
 BNA_F
 ClientSampleId :
 PB81918BS

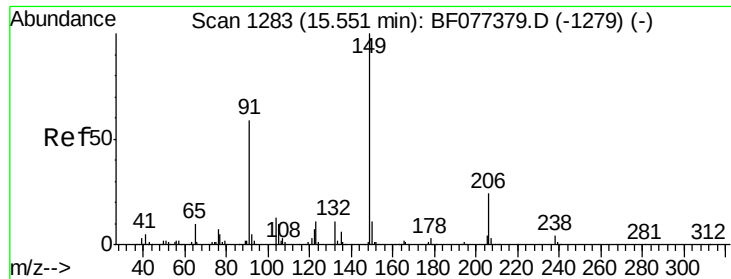
Tgt Ion: 202 Resp: 774419
 Ion Ratio Lower Upper
 202 100
 200 21.4 17.1 25.7
 203 18.5 14.2 21.2



#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#

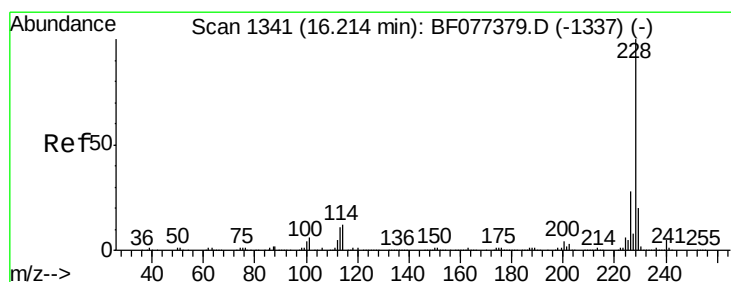
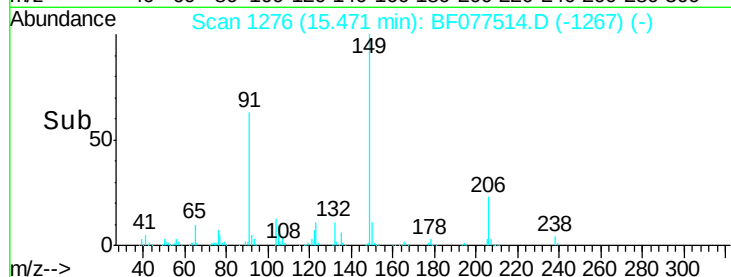
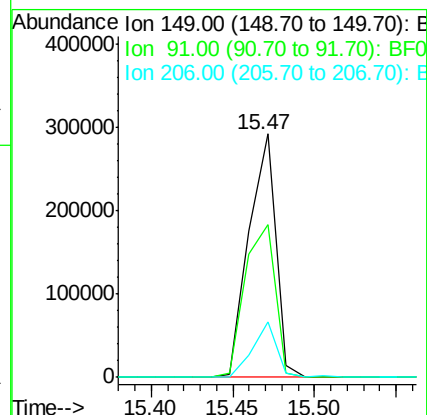
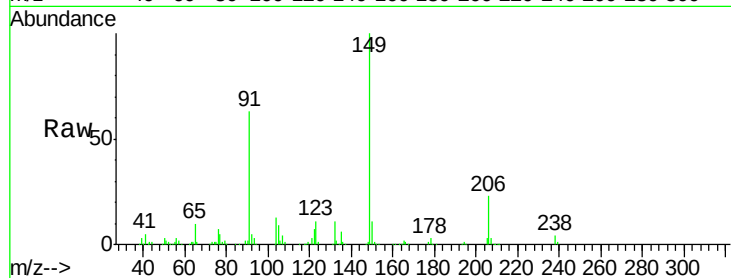




#79
Butylbenzylphthalate
Concen: 33.36 ng
RT: 15.47 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BF077514.D
Acq: 27 Feb 2015 19:31

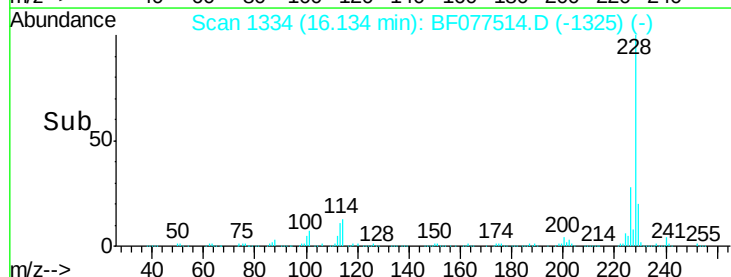
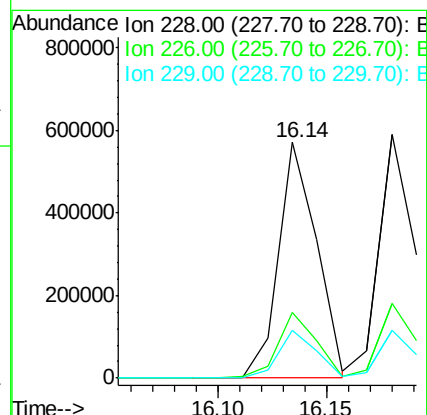
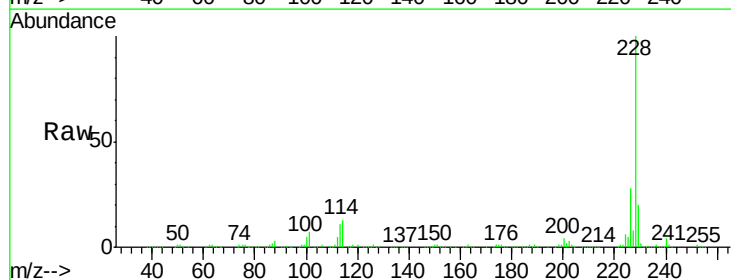
Instrument :
BNA_F
ClientSampleId :
PB81918BS

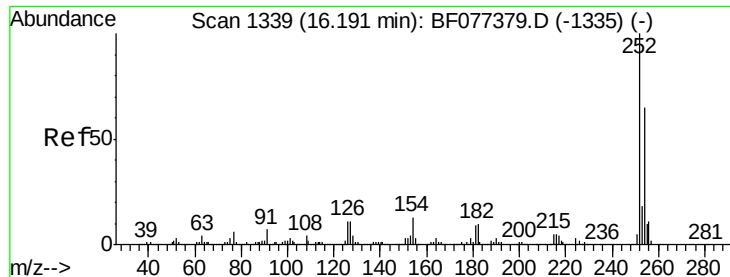
Tgt Ion	Ratio	Lower	Upper
149	100		
91	62.7	51.2	76.8
206	22.6	17.8	26.8



#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

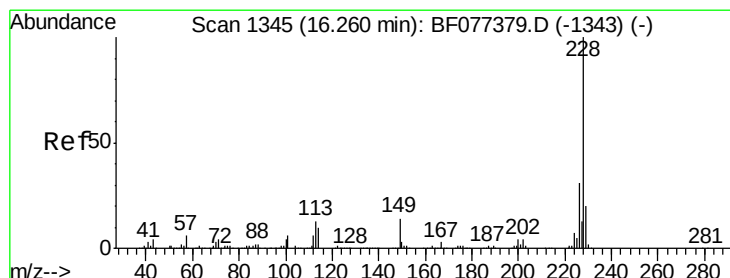
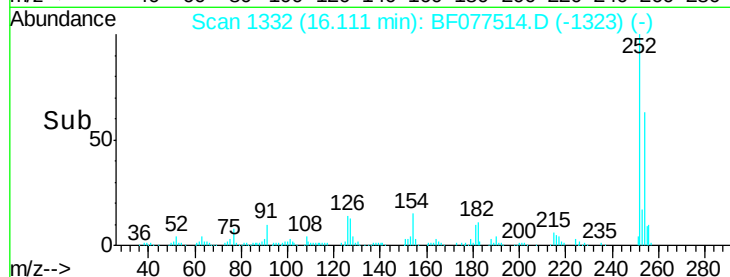
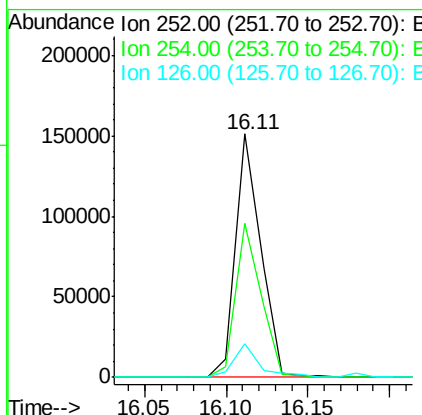
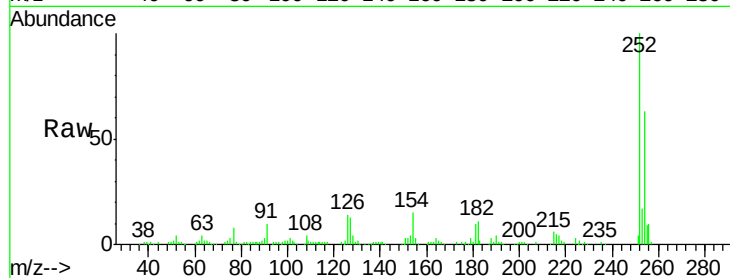




#81
 3,3'-Dichlorobenzidine
 Concen: 19.00 ng
 RT: 16.11 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BF077514.D
 Acq: 27 Feb 2015 19:31

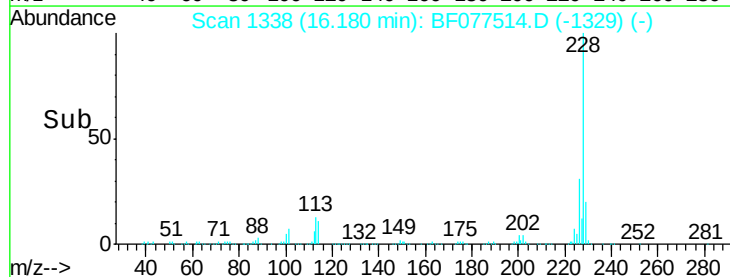
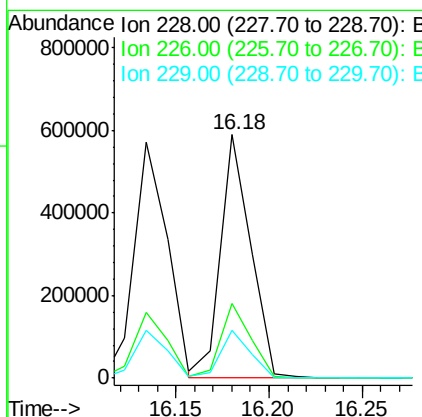
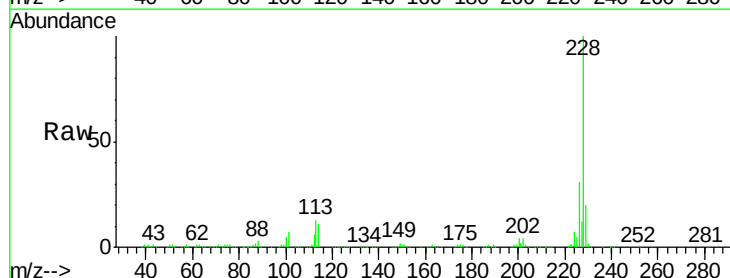
Instrument :
 BNA_F
 ClientSampleId :
 PB81918BS

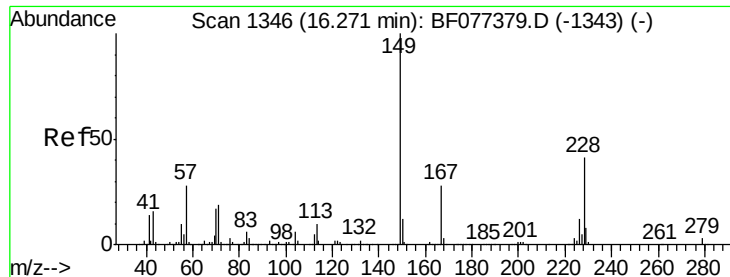
Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.1	52.9	79.3
126	13.8	7.3	10.9



#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	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

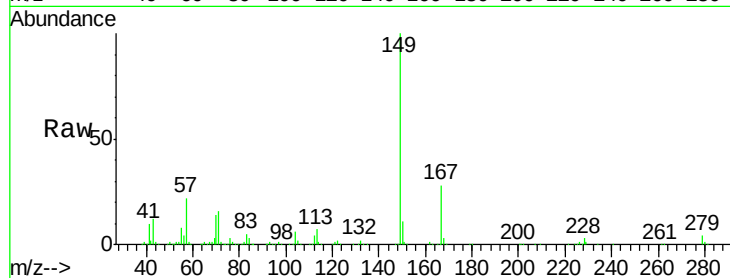
Tgt Ion:149 Resp: 523795

Ion Ratio Lower Upper

149 100

167 27.7 22.8 34.2

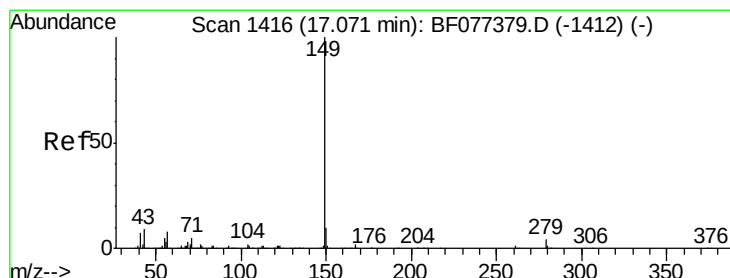
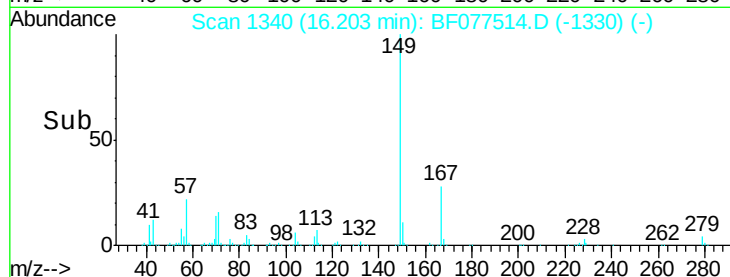
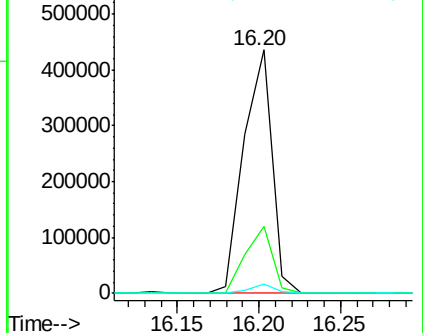
279 4.1 3.8 5.6



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

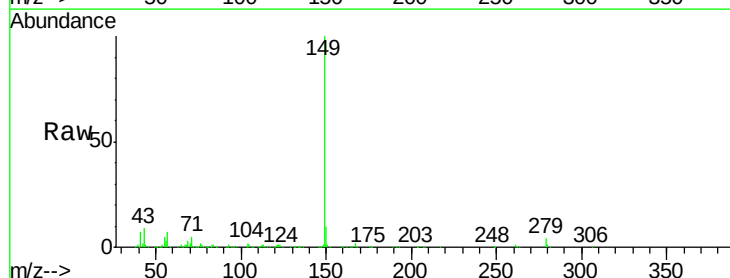
Tgt Ion:149 Resp: 880631

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

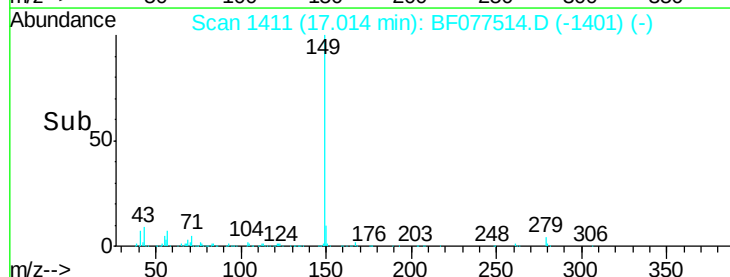
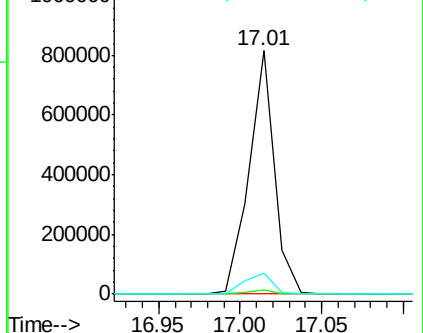
43 9.7 8.1 12.1

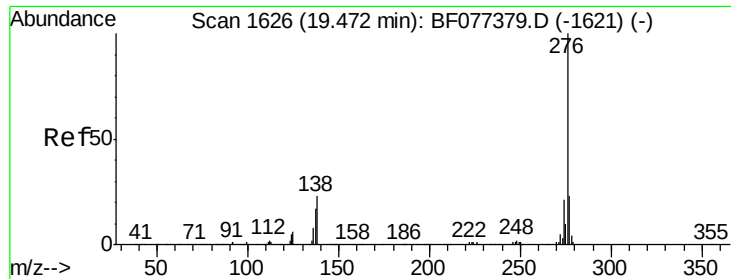


Abundance Ion 149.00 (148.70 to 149.70): E

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: 31.05 ng

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

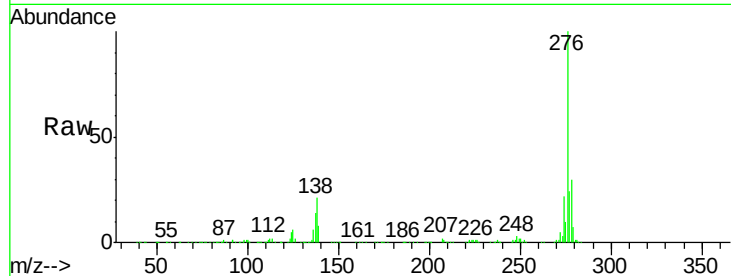
Tgt Ion:276 Resp: 772498

Ion Ratio Lower Upper

276 100

138 27.1 21.2 31.8

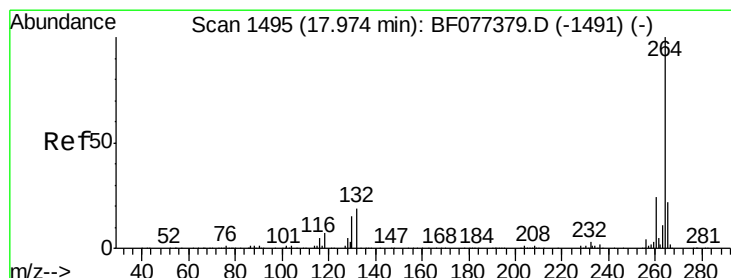
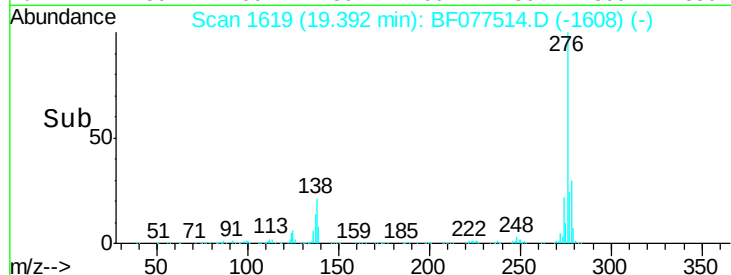
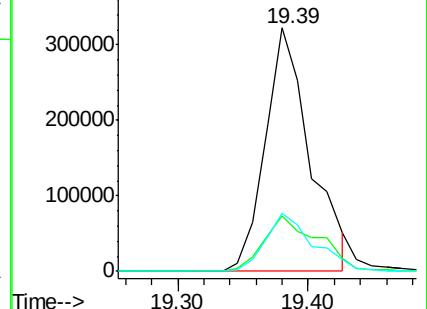
277 25.1 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.93 min Scan# 1491

Delta R.T. 0.02 min

Lab File: BF077514.D

Acq: 27 Feb 2015 19:31

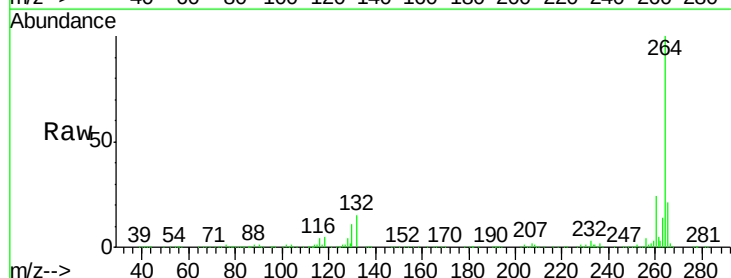
Tgt Ion:264 Resp: 397908

Ion Ratio Lower Upper

264 100

260 24.4 19.3 28.9

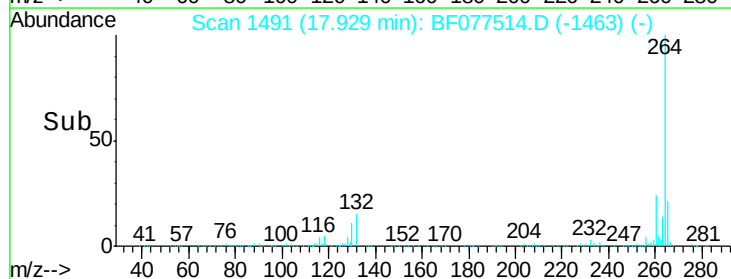
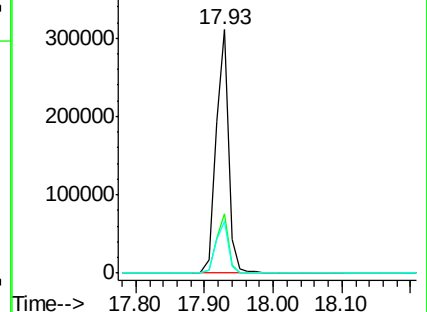
265 21.3 16.8 25.2

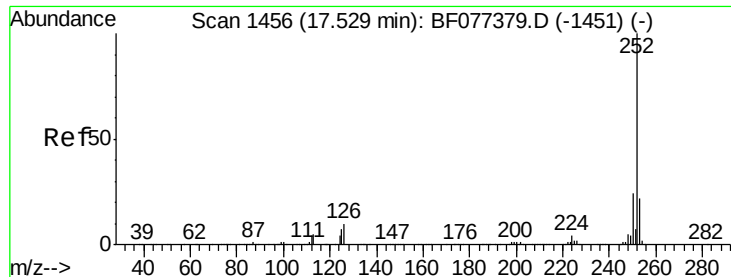


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

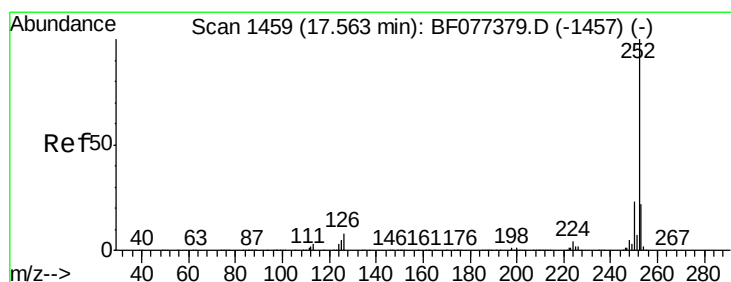
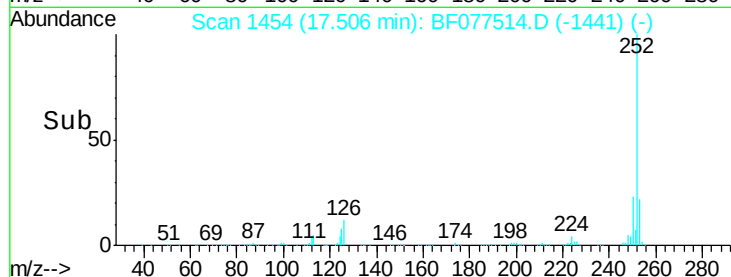
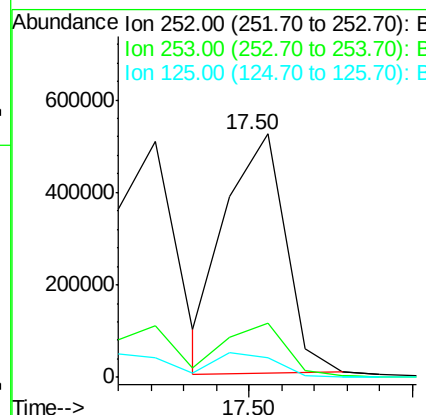
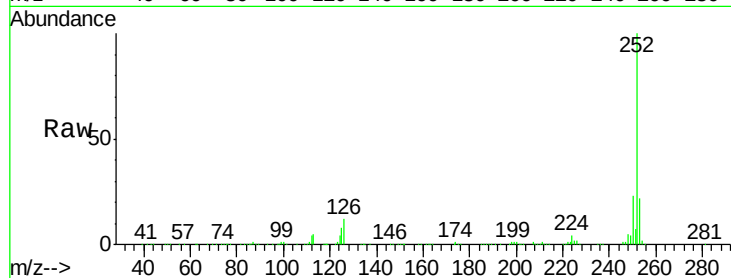




#87
Benzo(b)fluoranthene
Concen: 28.30 ng
RT: 17.50 min Scan# 1454
Delta R.T. 0.05 min
Lab File: BF077514.D
Acq: 27 Feb 2015 19:31

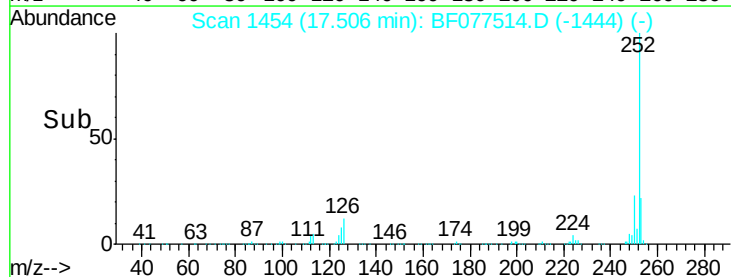
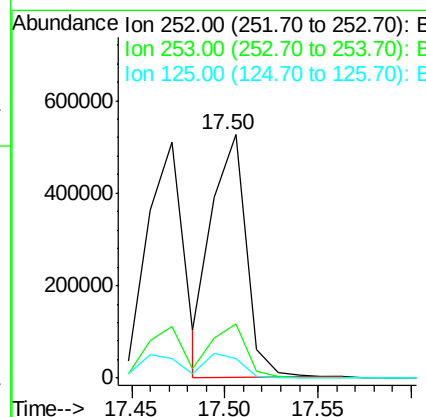
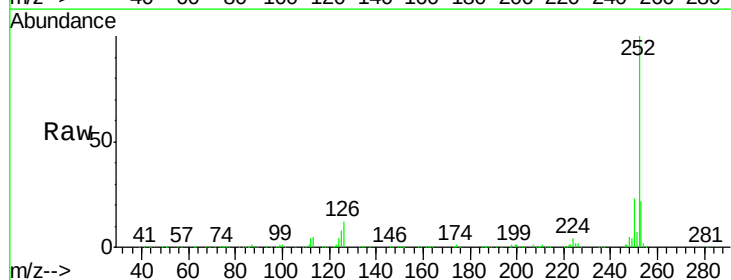
Instrument :
BNA_F
ClientSampleId :
PB81918BS

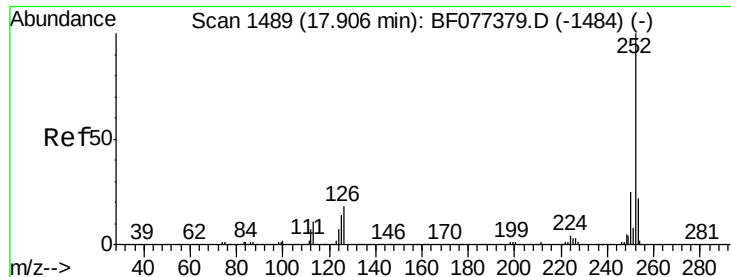
Tgt Ion:252 Resp: 654934
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 7.9 5.4 8.2



#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

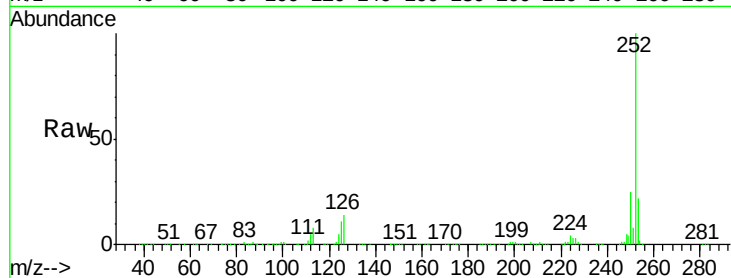
Tgt Ion:252 Resp: 667377

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

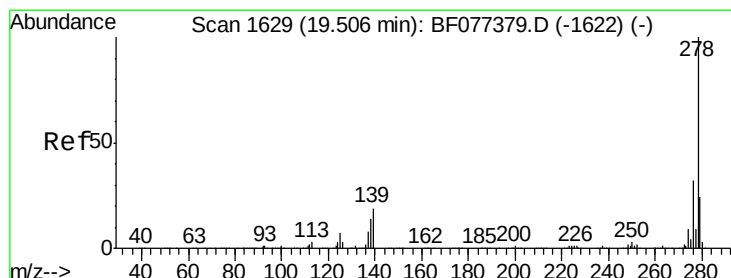
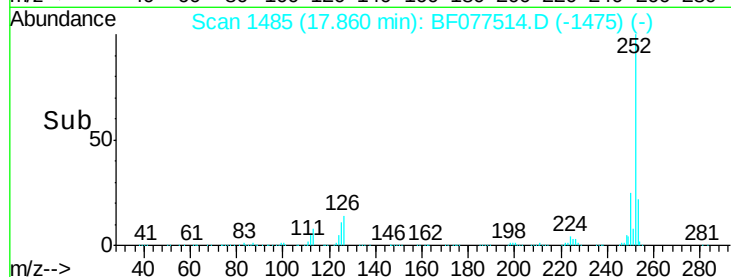
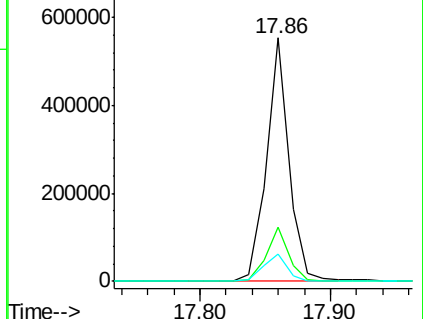
125 11.2 8.3 12.5



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

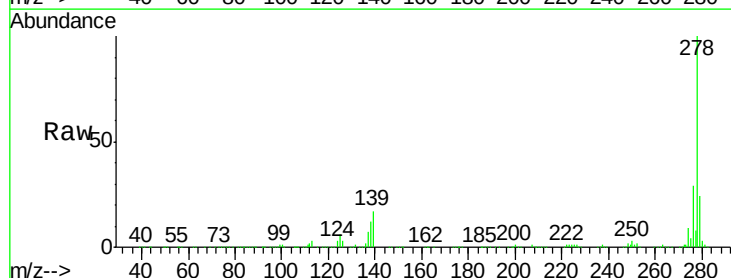
Tgt Ion:278 Resp: 657999

Ion Ratio Lower Upper

278 100

139 16.7 14.3 21.5

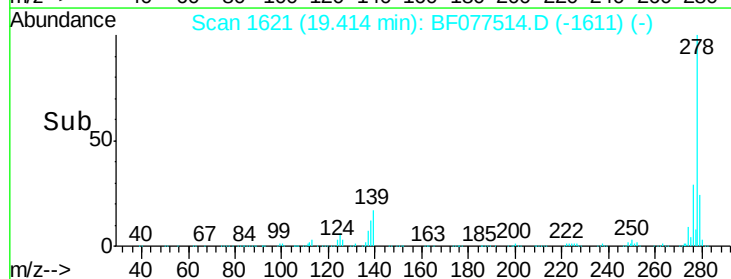
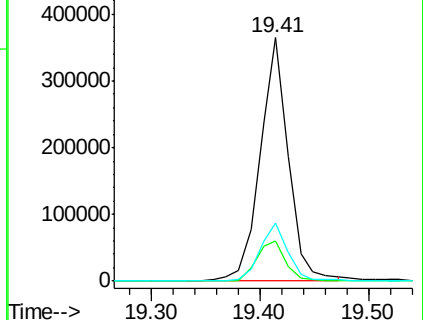
279 24.0 19.0 28.6

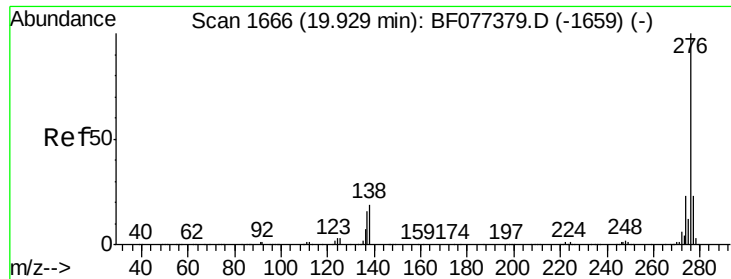


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,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

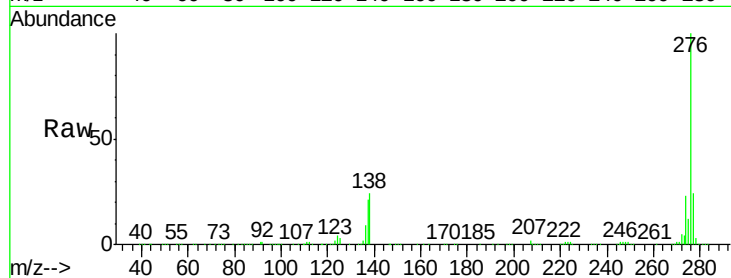
Tgt Ion: 276 Resp: 651891

Ion Ratio Lower Upper

276 100

277 24.0 18.9 28.3

138 23.5 20.5 30.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

