

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030315\
 Data File : BF077574.D
 Acq On : 4 Mar 2015 5:45
 Operator : TP/IZ
 Sample : G1332-02MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VMA-2MSD

Quant Time: Mar 04 07:06:47 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 04 04:46:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.24	152	76960	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	335489	20.00	ng	0.00
38) Acenaphthene-d10	10.99	164	168223	20.00	ng	0.00
63) Phenanthrene-d10	12.83	188	323461	20.00	ng	0.00
75) Chrysene-d12	16.13	240	346938	20.00	ng	0.00
86) Perylene-d12	17.84	264	303073	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	383427	83.17	ng	0.00
7) Phenol-d6	6.80	99	425529	71.79	ng	0.00
23) Nitrobenzene-d5	7.93	82	243296	45.10	ng	0.00
41) 2,4,6-Tribromophenol	11.97	330	107376	66.29	ng	0.00
44) 2-Fluorobiphenyl	10.16	172	516327	47.86	ng	0.00
78) Terphenyl-d14	14.83	244	616899	41.57	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.18	88	45549	23.28	ng	99
3) Pyridine	2.93	79	116490	20.82	ng	94
4) n-Nitrosodimethylamine	2.82	42	57017	23.43	ng	96
6) Aniline	6.83	93	47535	5.80	ng	99
8) 2-Chlorophenol	6.97	128	118522	21.79	ng	92
9) Benzaldehyde	6.68	77	20137	5.60	ng	98
10) Phenol	6.81	94	143104	20.35	ng	91
11) bis(2-Chloroethyl)ether	6.92	93	109499	21.67	ng	89
12) 1,3-Dichlorobenzene	7.16	146	132581	22.39	ng	# 90
13) 1,4-Dichlorobenzene	7.26	146	123626	20.52	ng	94
14) 1,2-Dichlorobenzene	7.44	146	122035	21.30	ng	97
15) Benzyl Alcohol	7.42	79	97665	21.68	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.60	45	145155	20.09	ng	96
17) 2-Methylphenol	7.56	107	94784	22.30	ng	96
18) Hexachloroethane	7.86	117	45064	22.40	ng	92
19) n-Nitroso-di-n-propylamine	7.75	70	77993	20.72	ng	# 90
20) 3+4-Methylphenols	7.76	107	121693	21.74	ng	# 74
22) Acetophenone	7.74	105	164396	20.83	ng	# 86
24) Nitrobenzene	7.95	77	120379	21.21	ng	88
25) Isophorone	8.25	82	217835	20.35	ng	# 92
26) 2-Nitrophenol	8.34	139	51087	21.96	ng	# 85
27) 2,4-Dimethylphenol	8.41	122	102696	19.73	ng	99
28) bis(2-Chloroethoxy)methane	8.53	93	127940	18.92	ng	100
29) 2,4-Dichlorophenol	8.64	162	95757	19.60	ng	99
30) 1,2,4-Trichlorobenzene	8.75	180	105503	19.64	ng	95
31) Naphthalene	8.84	128	359294	21.42	ng	98
32) Benzoic acid	8.49	122	33268	13.15	ng	95
33) 4-Chloroaniline	8.92	127	46634	6.25	ng	# 90
34) Hexachlorobutadiene	9.00	225	57472	18.74	ng	98
35) Caprolactam	9.33	113	29942	20.07	ng	# 84
36) 4-Chloro-3-methylphenol	9.52	107	108701	22.13	ng	# 84
37) 2-Methylnaphthalene	9.70	142	250622	21.04	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.90	216	103590	21.46	ng	98
40) Hexachlorocyclopentadiene	9.89	237	59055	22.82	ng	96

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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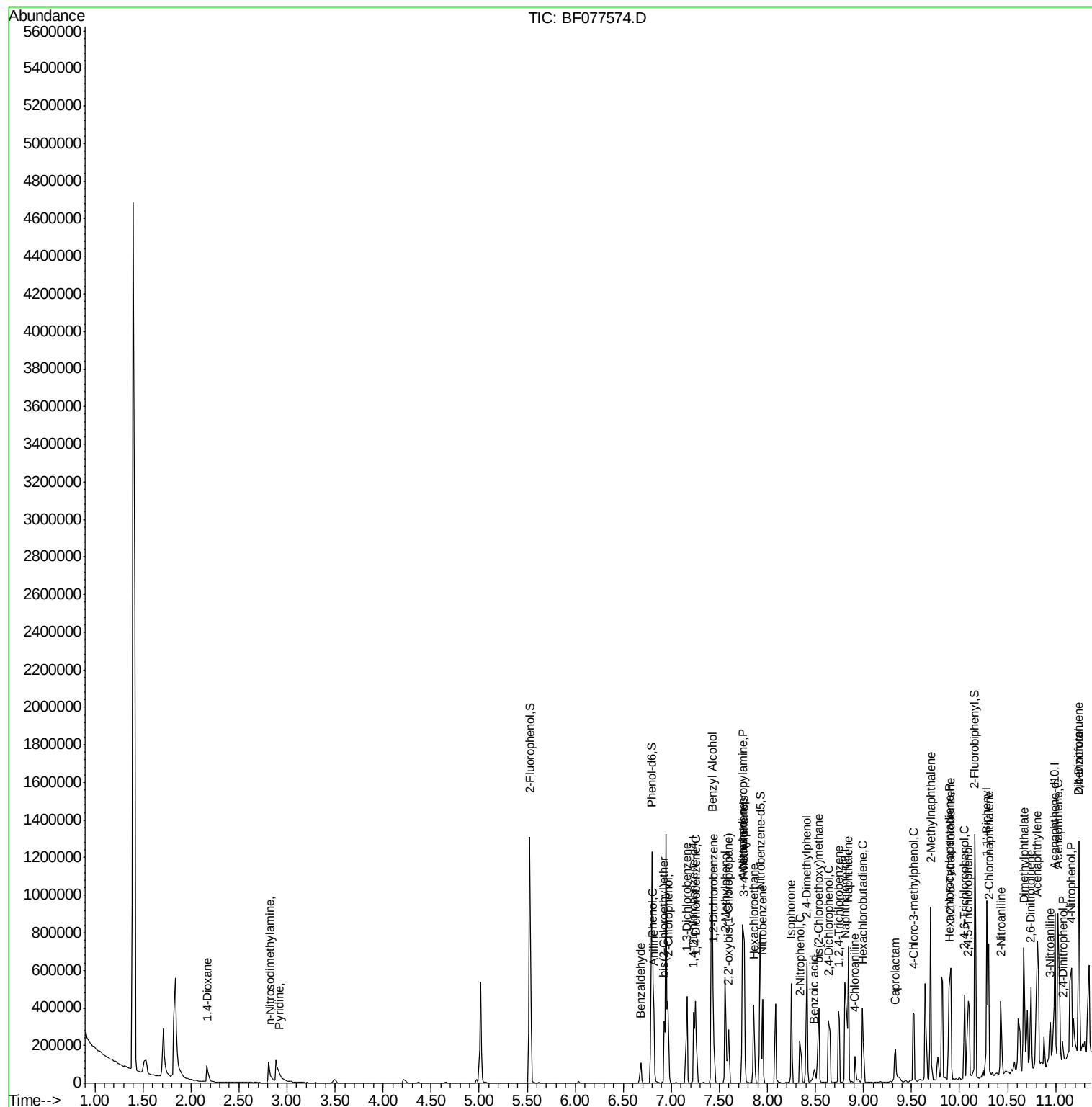
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.05	196	71009	22.21	ng	97
43) 2,4,5-Trichlorophenol	10.10	196	74627	21.83	ng	99
45) 1,1'-Biphenyl	10.28	154	281063	22.05	ng	99
46) 2-Chloronaphthalene	10.30	162	231971	23.21	ng	95
47) 2-Nitroaniline	10.43	65	63284	25.72	ng	90
48) Acenaphthylene	10.81	152	365925	23.13	ng	100
49) Dimethylphthalate	10.67	163	271733	22.98	ng	98
50) 2,6-Dinitrotoluene	10.74	165	56570	23.86	ng	# 64
51) Acenaphthene	11.03	154	197719	20.94	ng	98
52) 3-Nitroaniline	10.94	138	51699	18.91	ng	83
53) 2,4-Dinitrophenol	11.08	184	13994	19.39	ng	91
54) Dibenzofuran	11.24	168	360711	24.74	ng	98
55) 4-Nitrophenol	11.16	139	116641	53.04	ng	90
56) 2,4-Dinitrotoluene	11.24	165	83678	26.11	ng	# 91
57) Fluorene	11.67	166	261959	22.47	ng	98
58) 2,3,4,6-Tetrachlorophenol	11.40	232	61172	22.26	ng	# 97
59) Diethylphthalate	11.55	149	244397	20.96	ng	97
60) 4-Chlorophenyl-phenylether	11.68	204	114479	20.38	ng	# 89
61) 4-Nitroaniline	11.69	138	57303	21.87	ng	88
62) Azobenzene	11.87	77	240389	21.73	ng	97
64) 4,6-Dinitro-2-methylphenol	11.74	198	13158	13.12	ng	# 8
65) n-Nitrosodiphenylamine	11.83	169	234283	21.83	ng	96
66) 4-Bromophenyl-phenylether	12.28	248	80852	21.35	ng	# 88
67) Hexachlorobenzene	12.35	284	84985	20.90	ng	# 86
68) Atrazine	12.50	200	75426	21.62	ng	97
69) Pentachlorophenol	12.60	266	84853	39.71	ng	98
70) Phenanthrene	12.86	178	395969	21.12	ng	98
71) Anthracene	12.92	178	372721	20.03	ng	98
72) Carbazole	13.13	167	343072	19.39	ng	97
73) Di-n-butylphthalate	13.59	149	361080	17.38	ng	100
74) Fluoranthene	14.34	202	460105	22.47	ng	96
76) Benzidine	14.52	184	168417	14.37	ng	# 94
77) Pyrene	14.62	202	484787	22.84	ng	99
79) Butylbenzylphthalate	15.45	149	173681	19.89	ng	# 76
80) Benzo(a)anthracene	16.12	228	424148	20.86	ng	97
81) 3,3'-Dichlorobenzidine	16.09	252	74965	10.06	ng	# 89
82) Chrysene	16.16	228	400151	20.96	ng	98
83) Bis(2-ethylhexyl)phthalate	16.17	149	226544	16.18	ng	# 98
84) Di-n-octyl phthalate	16.95	149	337197	14.43	ng	# 41
85) Indeno(1,2,3-cd)pyrene	19.28	276	462183	21.23	ng	99
87) Benzo(b)fluoranthene	17.40	252	401264	22.77	ng	# 88
88) Benzo(k)fluoranthene	17.40	252	401264	23.23	ng	# 89
89) Benzo(a)pyrene	17.77	252	352906	21.03	ng	# 89
90) Dibenzo(a,h)anthracene	19.30	278	357972	22.36	ng	# 95
91) Benzo(g,h,i)perylene	19.70	276	348658	21.58	ng	96

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

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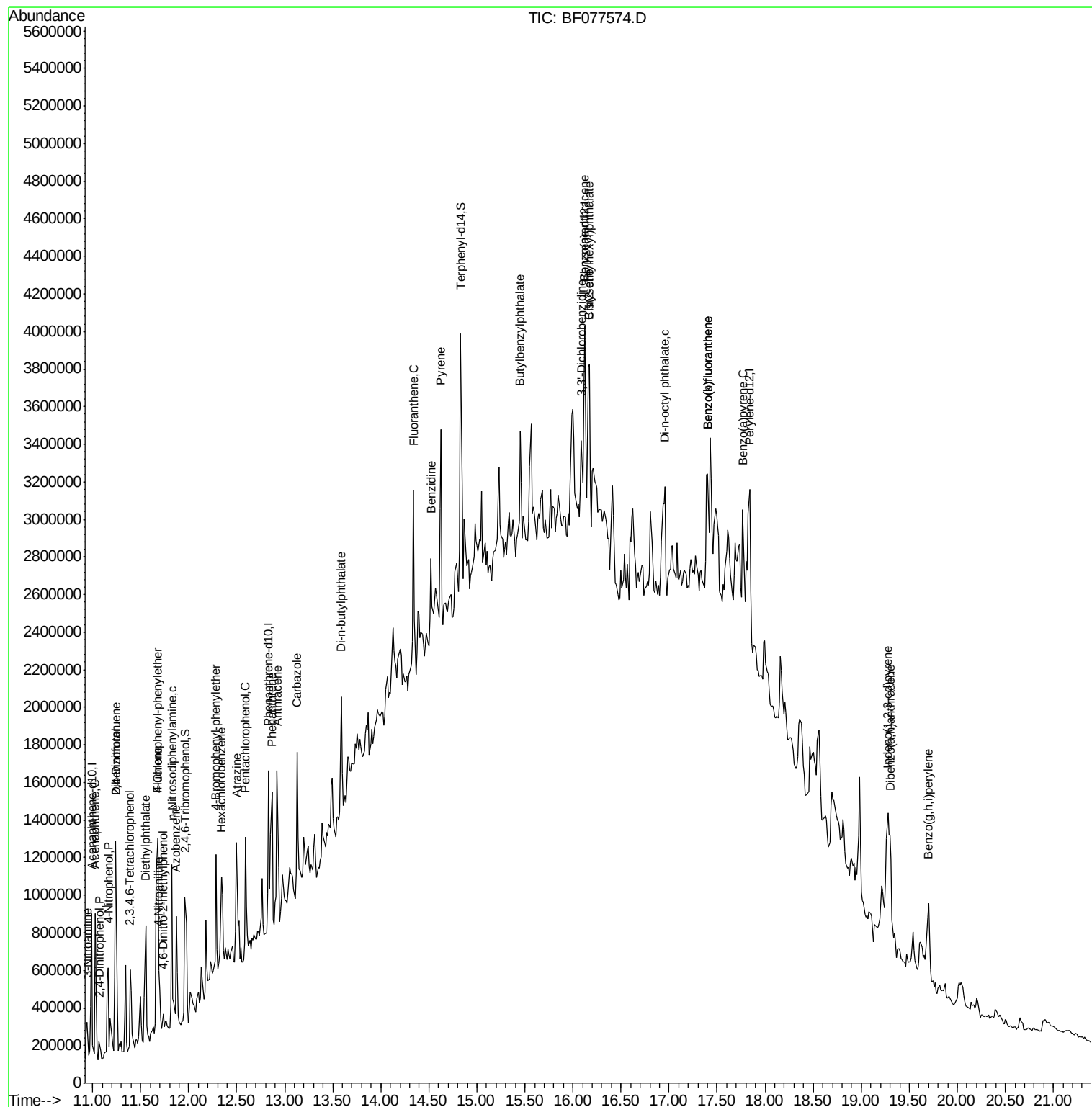
Quant Time: Mar 04 07:06:47 2015
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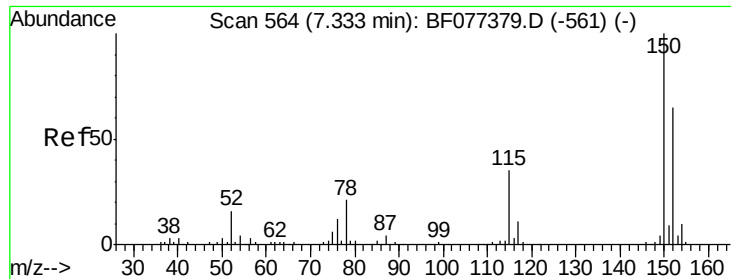


Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030315\
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Sample : G1332-02MSD
Misc :
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Instrument :
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Quant Time: Mar 04 07:06:47 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.24 min Scan# 555

Delta R.T. -0.00 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

Instrument :

BNA_F

ClientSampleId :

VMA-2MSD

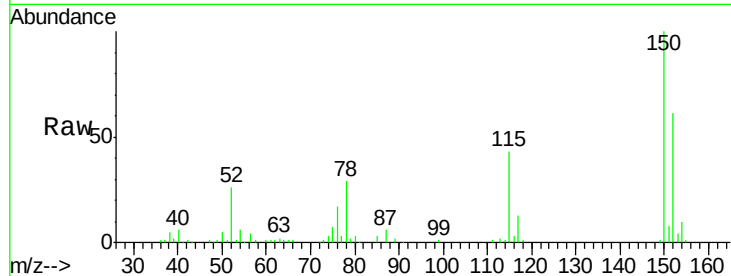
Tgt Ion:152 Resp: 76960

Ion Ratio Lower Upper

152 100

150 163.9 124.0 186.0

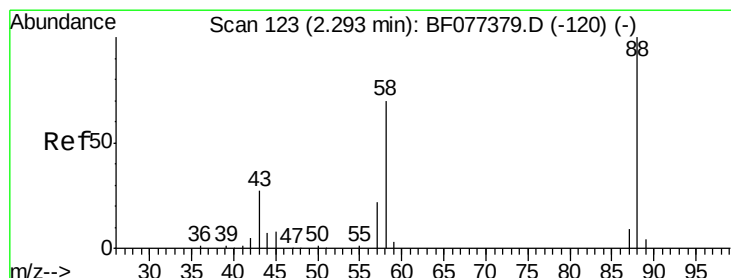
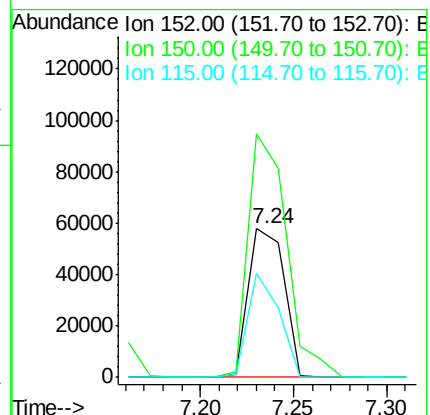
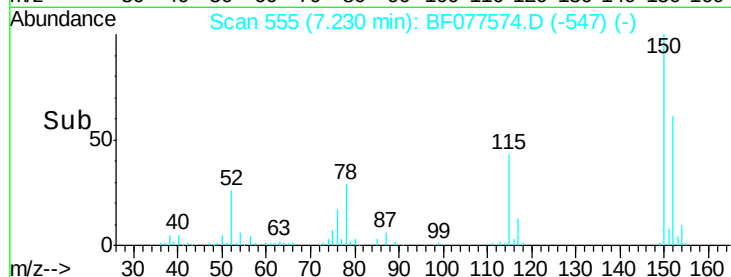
115 70.1 49.4 74.2



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: 23.28 ng

RT: 2.18 min Scan# 113

Delta R.T. 0.02 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

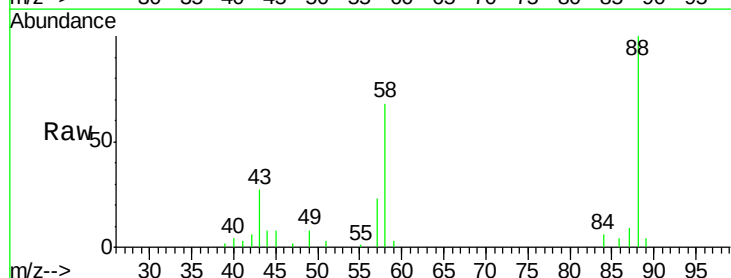
Tgt Ion: 88 Resp: 45549

Ion Ratio Lower Upper

88 100

58 78.5 62.1 93.1

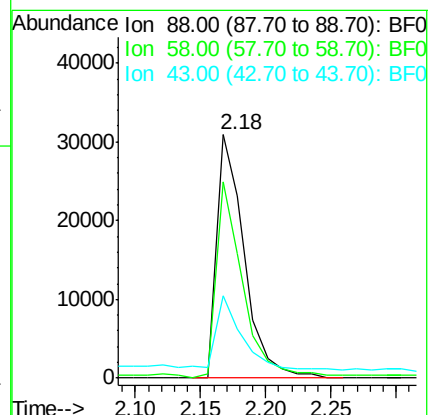
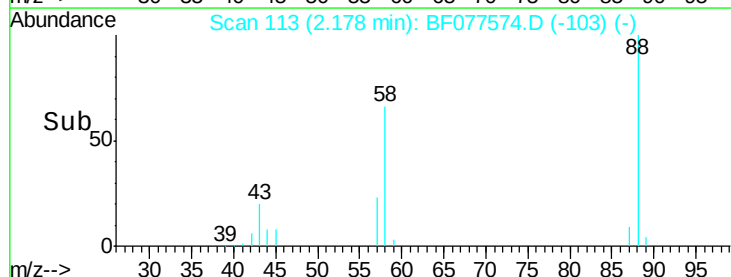
43 30.3 24.0 36.0

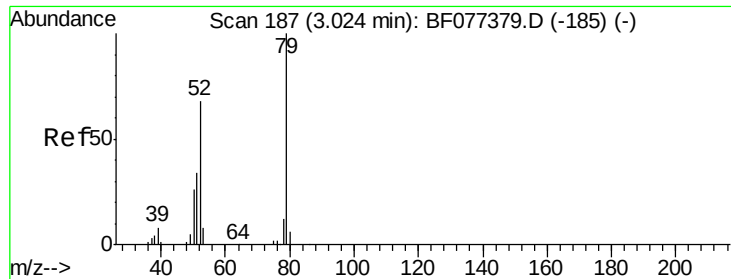


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 20.82 ng

RT: 2.93 min Scan# 179

Delta R.T. 0.04 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

Instrument :

BNA_F

ClientSampleId :

VMA-2MSD

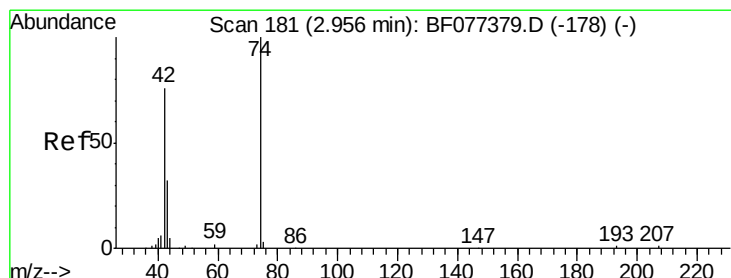
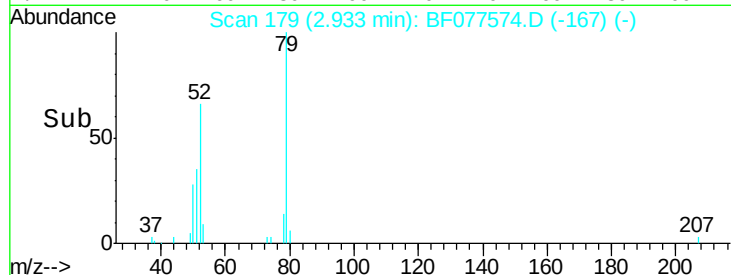
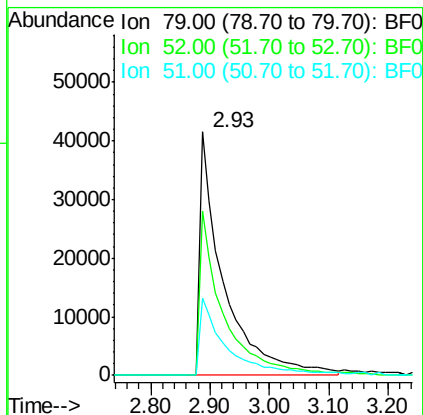
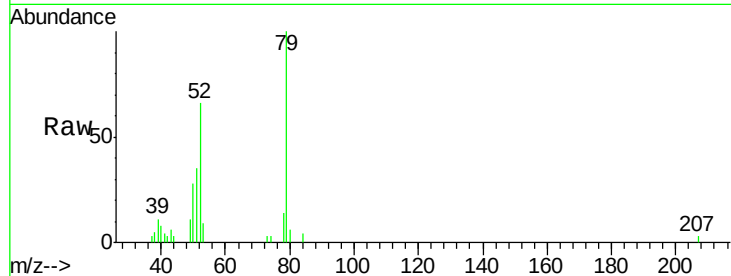
Tgt Ion: 79 Resp: 116490

Ion Ratio Lower Upper

79 100

52 65.7 57.7 86.5

51 34.6 28.5 42.7



#4

n-Nitrosodimethylamine

Concen: 23.43 ng

RT: 2.82 min Scan# 169

Delta R.T. 0.02 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

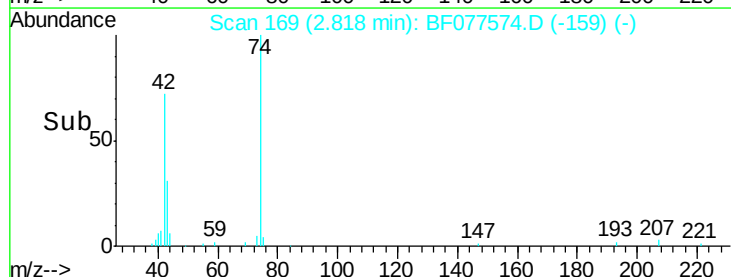
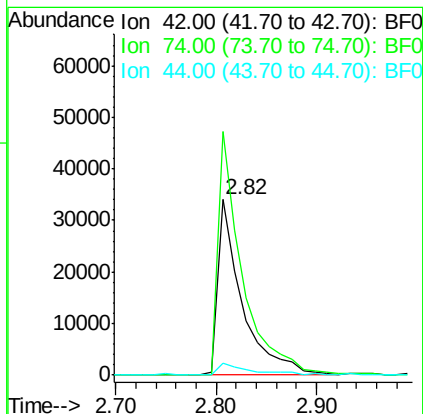
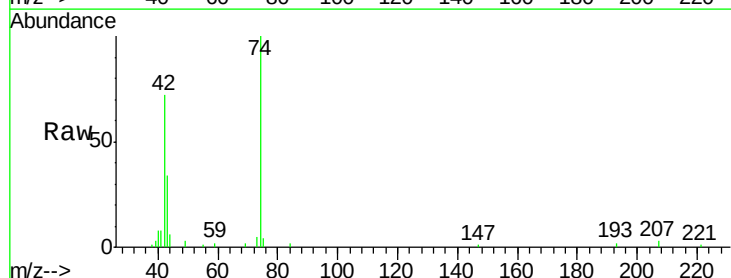
Tgt Ion: 42 Resp: 57017

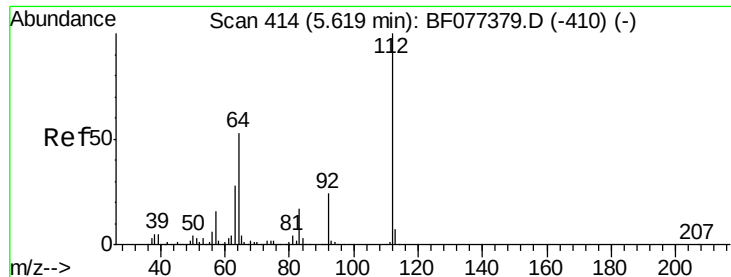
Ion Ratio Lower Upper

42 100

74 138.6 107.1 160.7

44 8.3 6.7 10.1





#5

2-Fluorophenol

Concen: 83.17 ng

RT: 5.53 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

Instrument :

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ClientSampleId :

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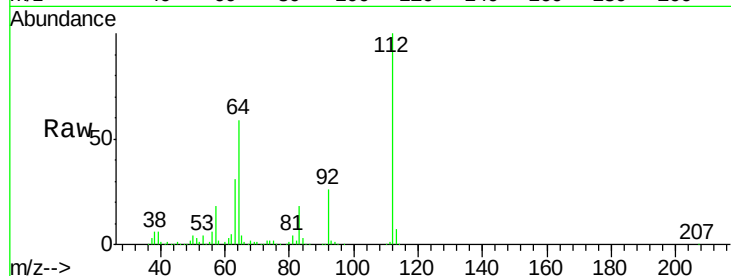
Tgt Ion: 112 Resp: 383427

Ion Ratio Lower Upper

112 100

64 58.8 48.5 72.7

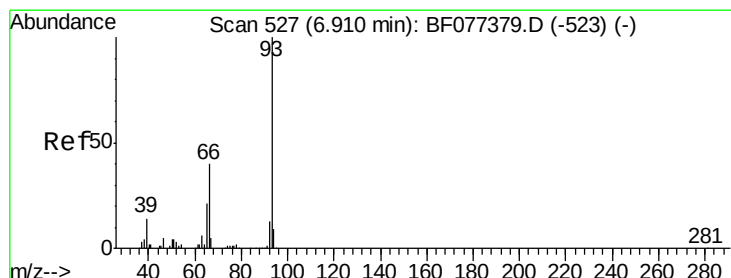
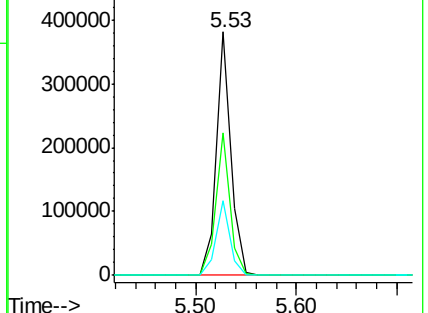
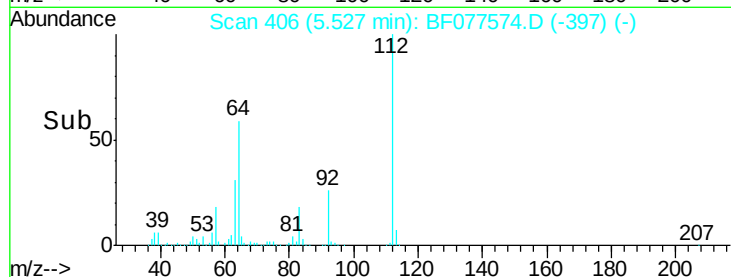
63 30.7 25.0 37.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 5.80 ng

RT: 6.83 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

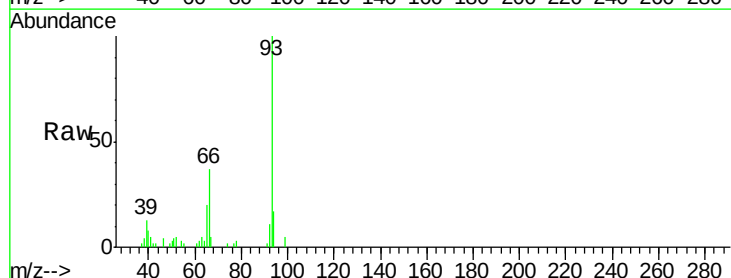
Tgt Ion: 93 Resp: 47535

Ion Ratio Lower Upper

93 100

66 36.6 29.1 43.7

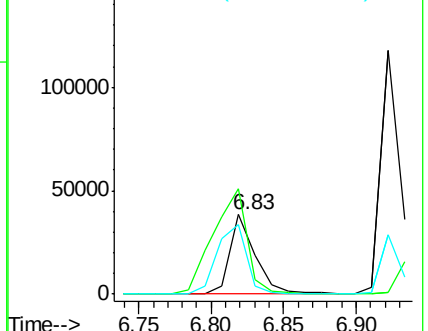
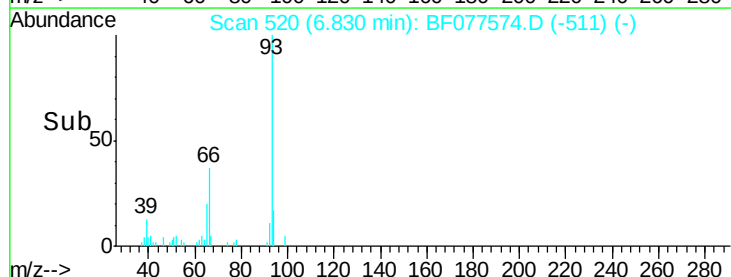
65 19.7 14.6 22.0

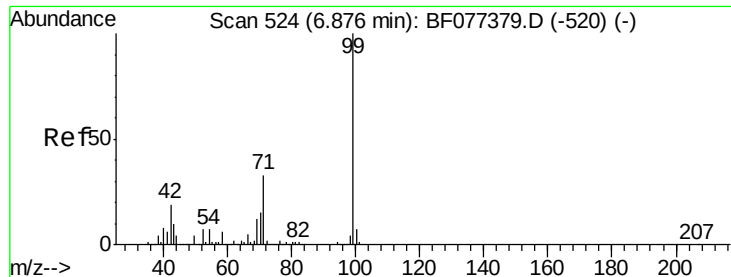


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 71.79 ng

RT: 6.80 min Scan# 517

Delta R.T. -0.00 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

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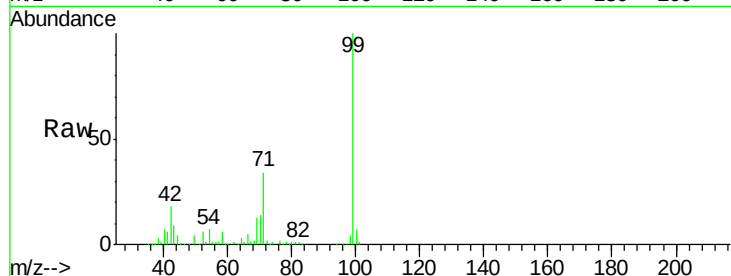
Tgt Ion: 99 Resp: 425529

Ion Ratio Lower Upper

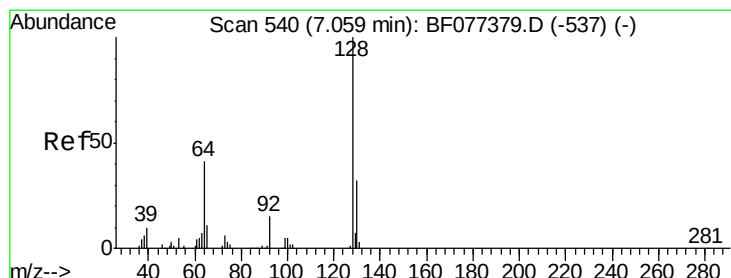
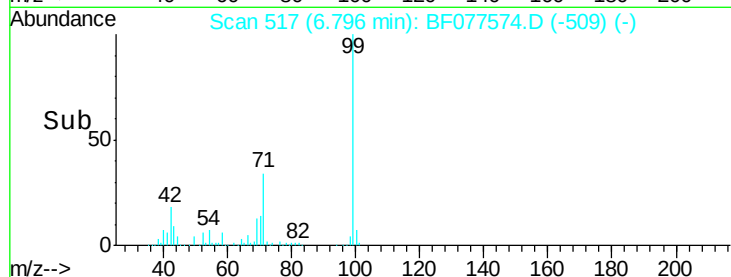
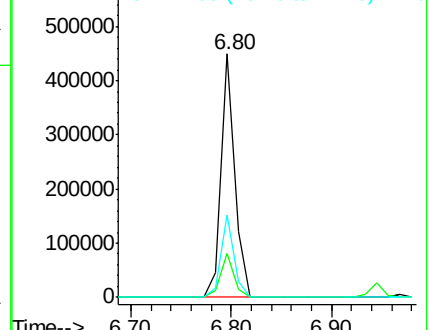
99 100

42 18.2 16.2 24.4

71 33.9 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: 21.79 ng

RT: 6.97 min Scan# 532

Delta R.T. -0.00 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

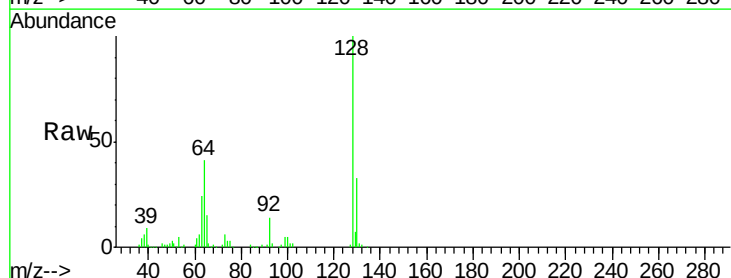
Tgt Ion: 128 Resp: 118522

Ion Ratio Lower Upper

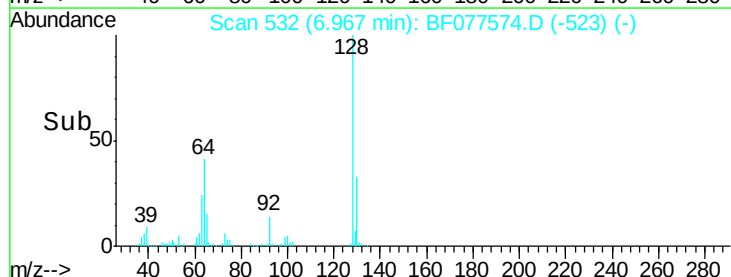
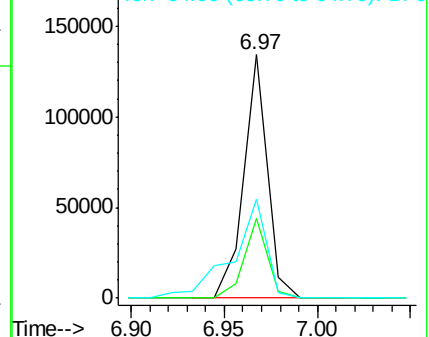
128 100

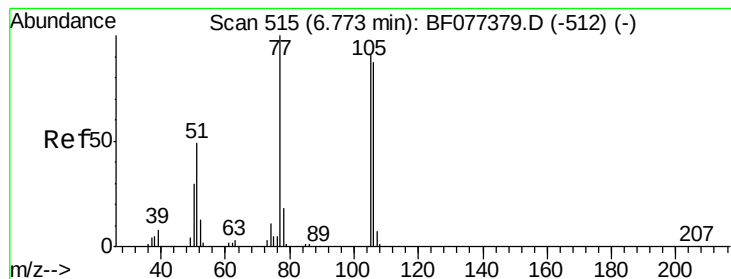
130 32.8 12.0 52.0

64 40.6 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: 5.60 ng

RT: 6.68 min Scan# 507

Delta R.T. -0.00 min

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Acq: 4 Mar 2015 5:45

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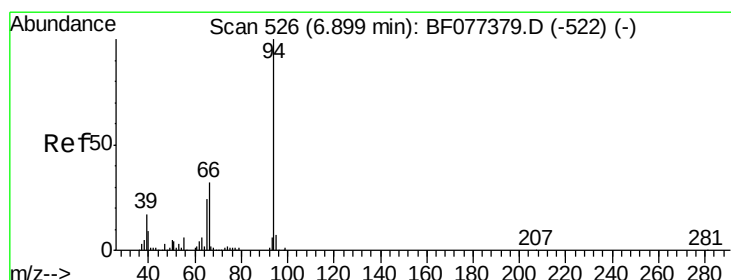
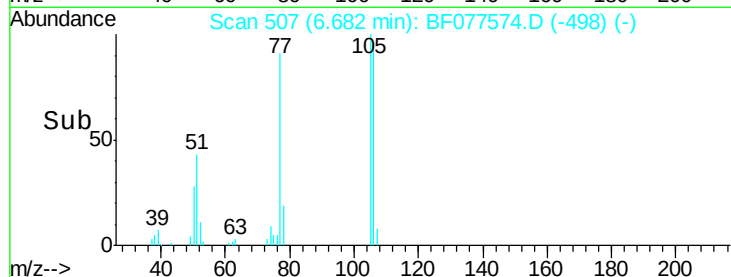
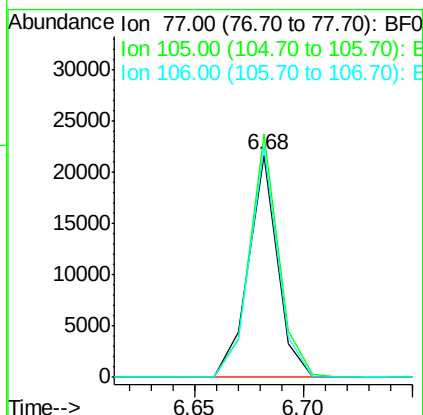
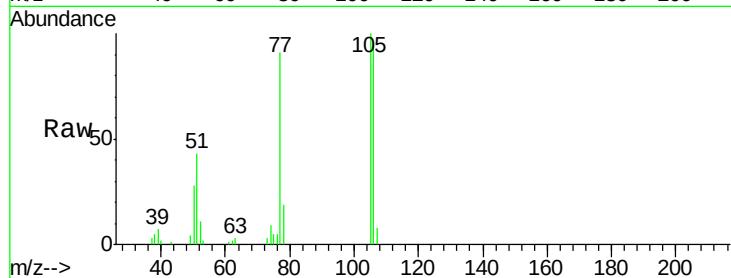
Tgt Ion: 77 Resp: 20137

Ion Ratio Lower Upper

77 100

105 109.7 85.9 125.9

106 104.2 82.9 122.9



#10

Phenol

Concen: 20.35 ng

RT: 6.81 min Scan# 519

Delta R.T. -0.00 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

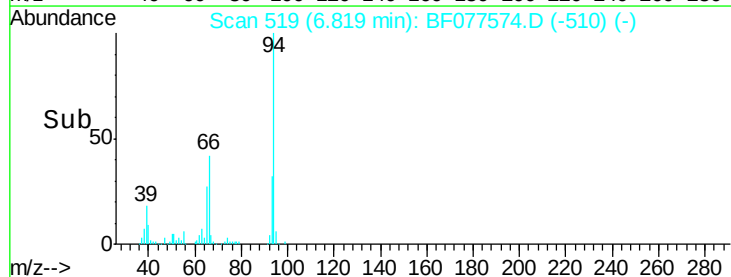
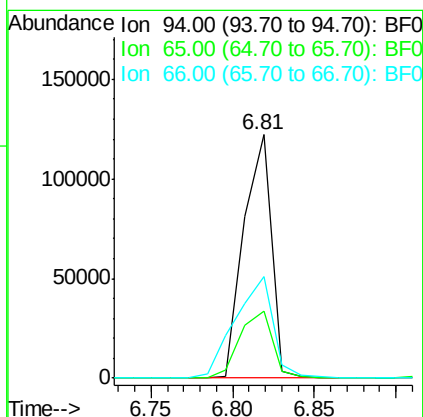
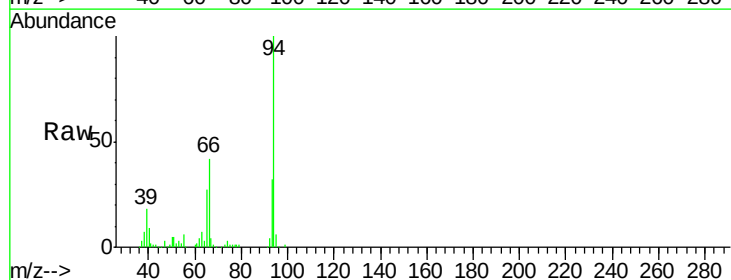
Tgt Ion: 94 Resp: 143104

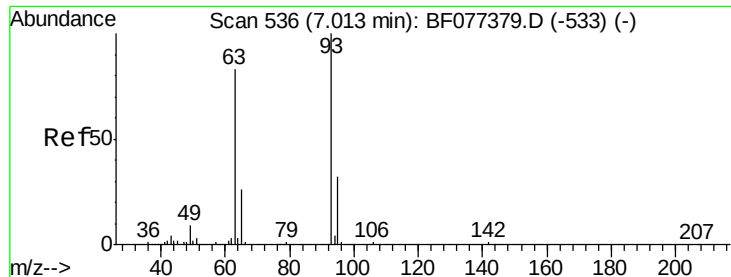
Ion Ratio Lower Upper

94 100

65 27.3 5.7 45.7

66 41.7 13.6 53.6

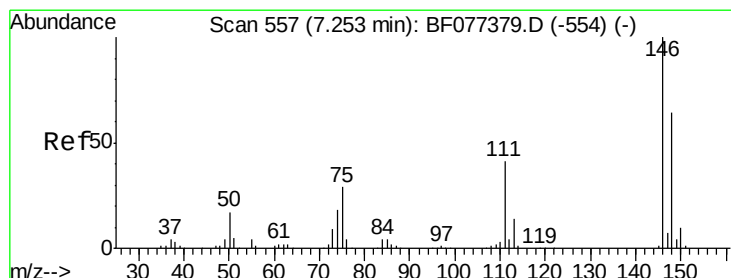
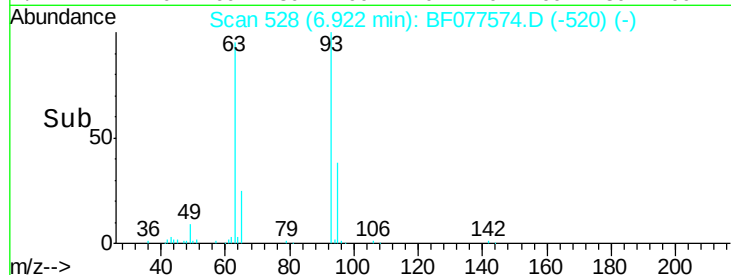
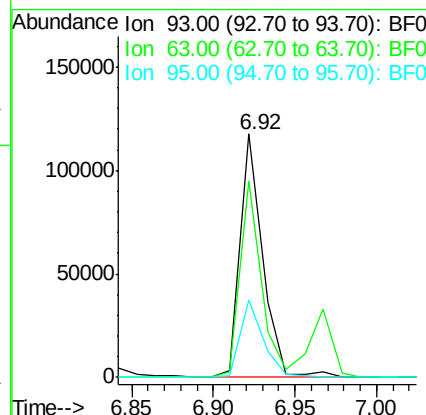
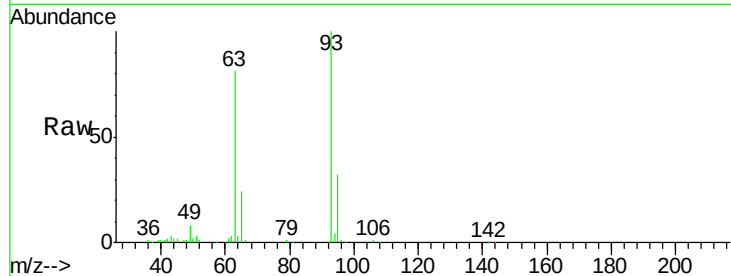




#11
bis(2-Chloroethyl)ether
Concen: 21.67 ng
RT: 6.92 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

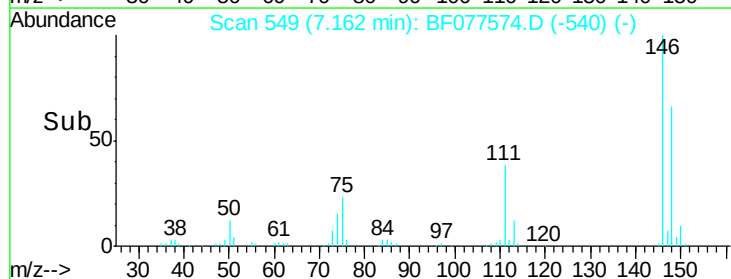
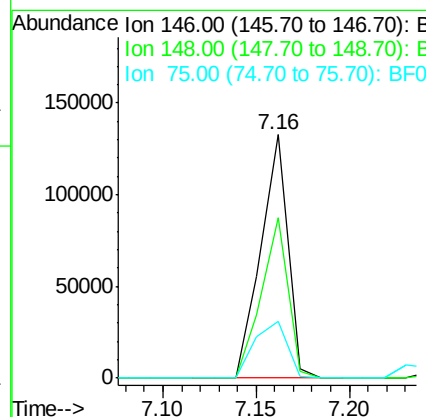
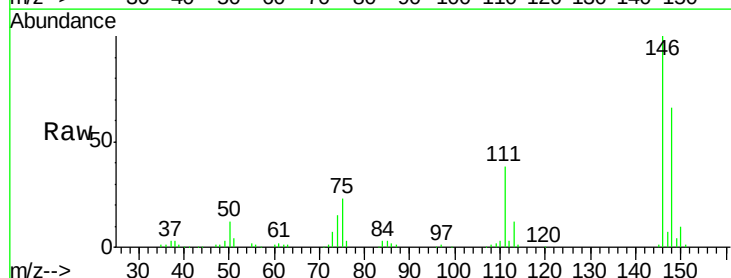
Instrument :
BNA_F
ClientSampleId :
VMA-2MSD

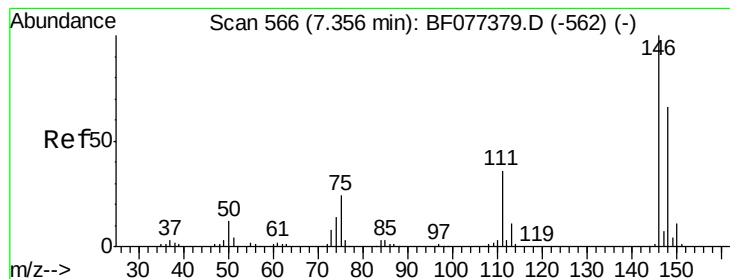
Tgt Ion: 93 Resp: 109499
Ion Ratio Lower Upper
93 100
63 80.5 48.7 88.7
95 31.6 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 22.39 ng
RT: 7.16 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

Tgt Ion: 146 Resp: 132581
Ion Ratio Lower Upper
146 100
148 65.7 49.8 74.8
75 23.5 28.2 42.4#





#13

1,4-Dichlorobenzene

Concen: 20.52 ng

RT: 7.26 min Scan# 557

Delta R.T. -0.00 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

Instrument :

BNA_F

ClientSampleId :

VMA-2MSD

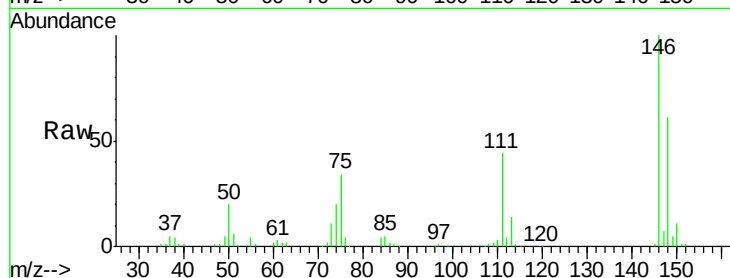
Tgt Ion:146 Resp: 123626

Ion Ratio Lower Upper

146 100

148 61.2 52.0 78.0

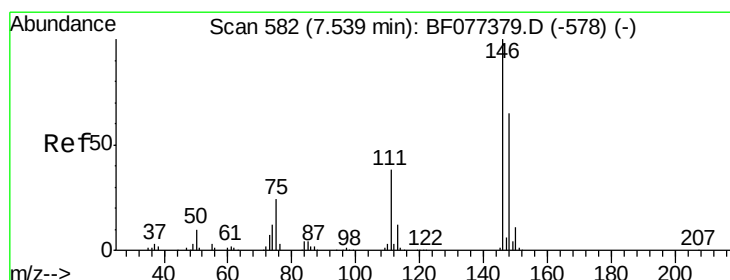
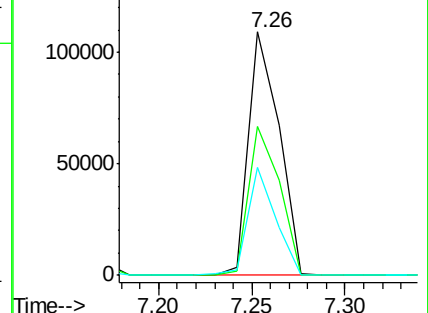
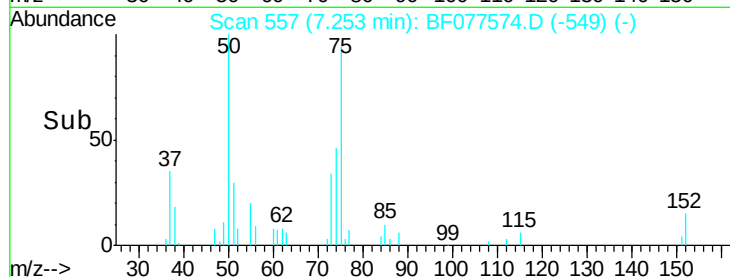
111 44.3 31.9 47.9



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 21.30 ng

RT: 7.44 min Scan# 573

Delta R.T. -0.00 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

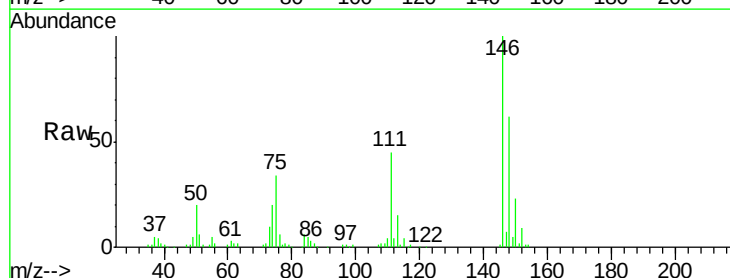
Tgt Ion:146 Resp: 122035

Ion Ratio Lower Upper

146 100

148 62.4 51.6 77.4

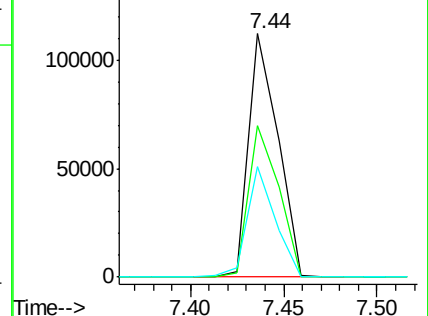
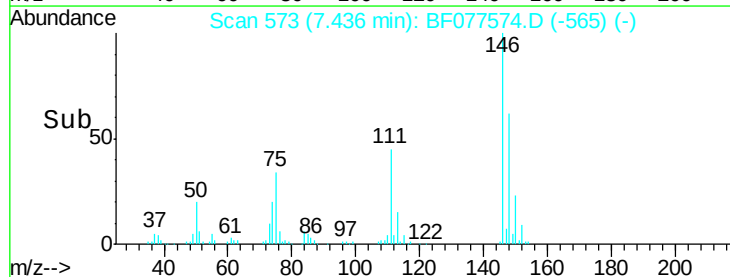
111 45.4 34.2 51.2

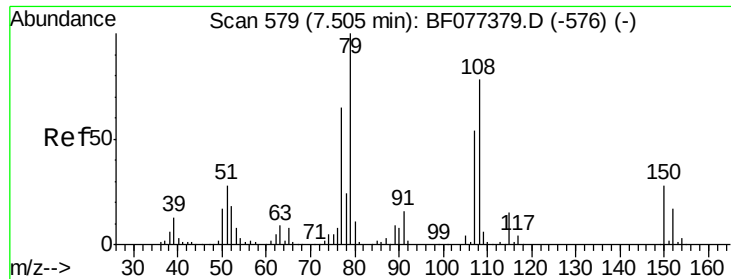


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

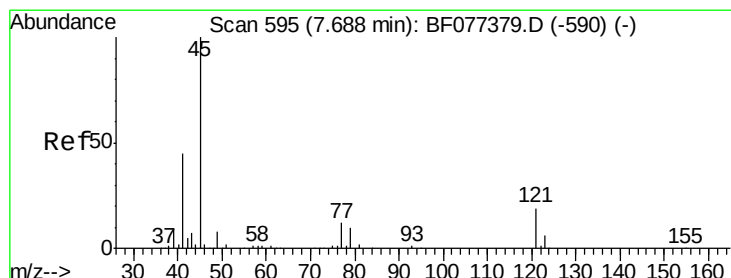
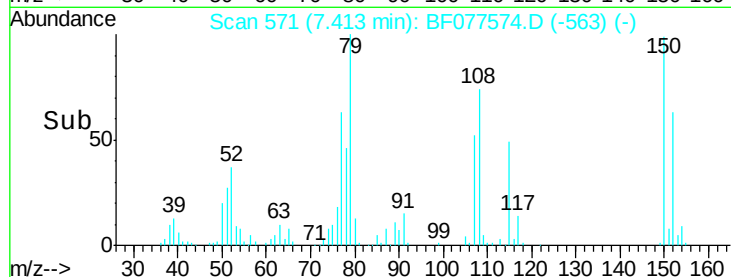
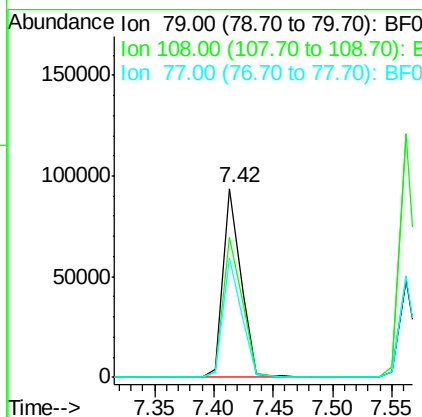
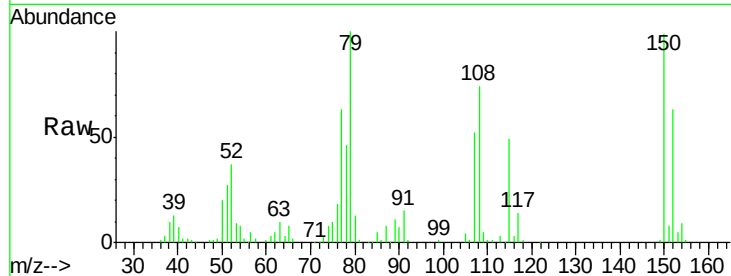




#15
Benzyl Alcohol
Concen: 21.68 ng
RT: 7.42 min Scan# 571
Delta R.T. -0.00 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

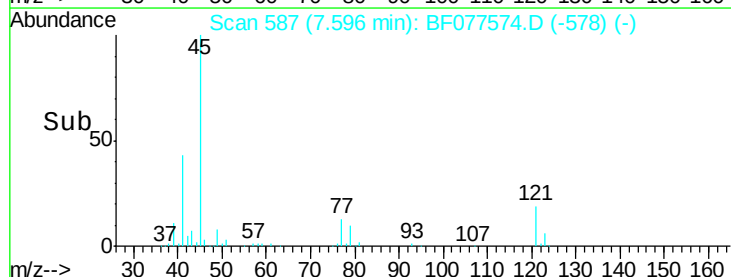
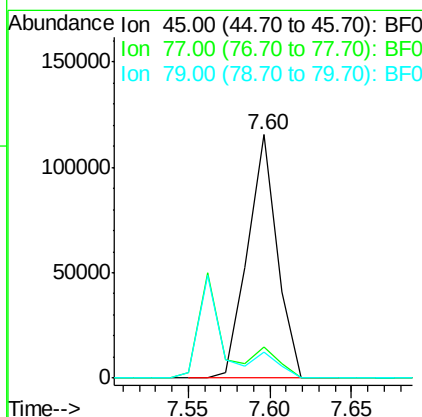
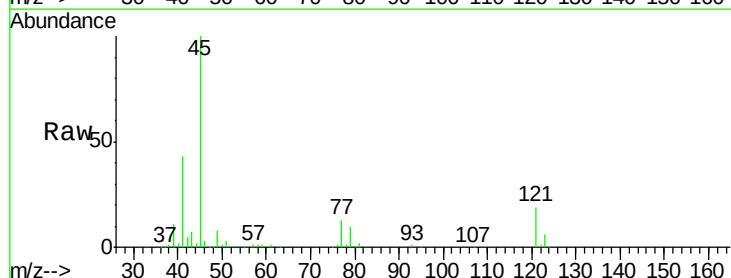
Instrument :
BNA_F
ClientSampleId :
VMA-2MSD

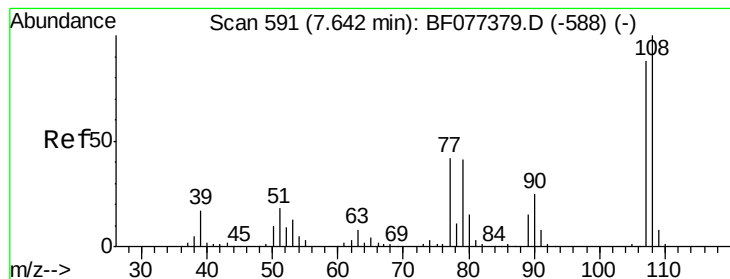
Tgt Ion: 79 Resp: 97665
Ion Ratio Lower Upper
79 100
108 74.2 58.3 87.5
77 63.2 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.09 ng
RT: 7.60 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

Tgt Ion: 45 Resp: 145155
Ion Ratio Lower Upper
45 100
77 12.8 0.0 34.6
79 10.5 0.0 31.5





#17

2-Methylphenol

Concen: 22.30 ng

RT: 7.56 min Scan# 584

Delta R.T. -0.00 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

Instrument :

BNA_F

ClientSampleId :

VMA-2MSD

Tgt Ion:107 Resp: 94784

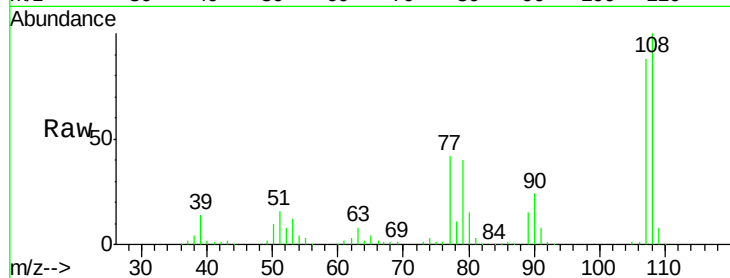
Ion Ratio Lower Upper

107 100

108 113.3 91.2 136.8

77 47.1 33.6 50.4

79 45.7 32.1 48.1

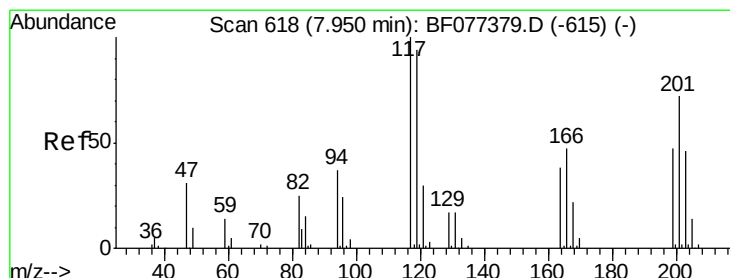
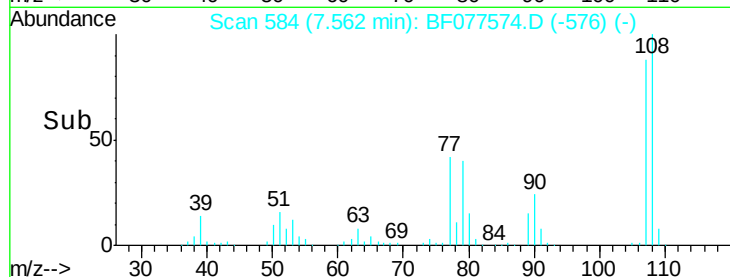
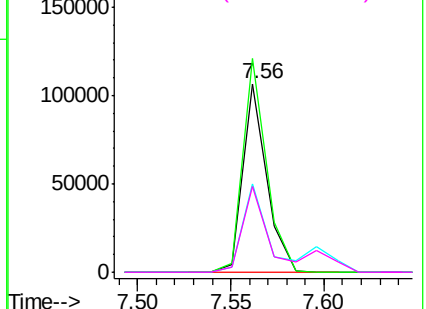


Abundance Ion 107.00 (106.70 to 107.70): E

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: 22.40 ng

RT: 7.86 min Scan# 610

Delta R.T. -0.00 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

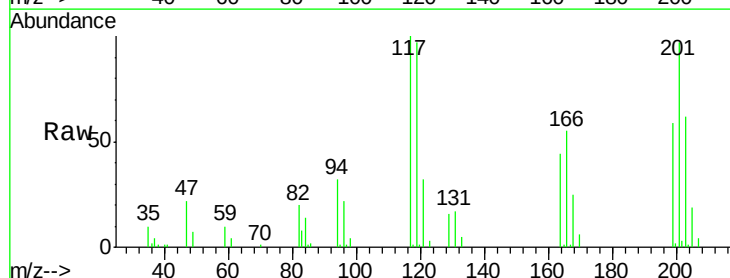
Tgt Ion:117 Resp: 45064

Ion Ratio Lower Upper

117 100

119 97.1 77.8 116.8

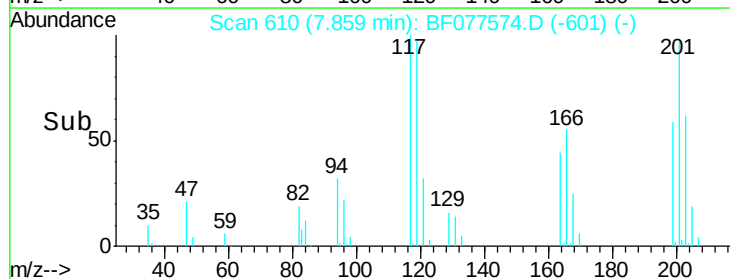
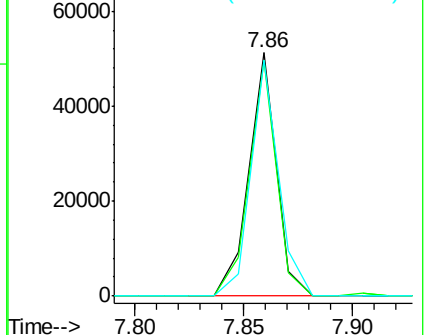
201 97.1 90.6 136.0

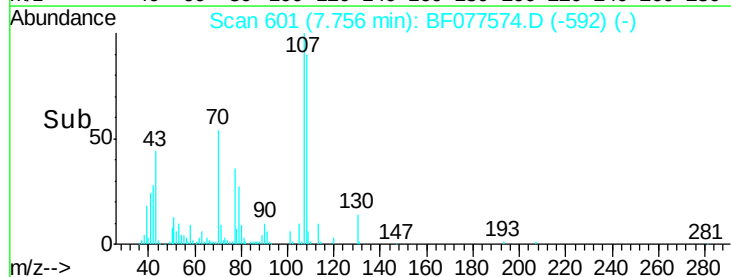
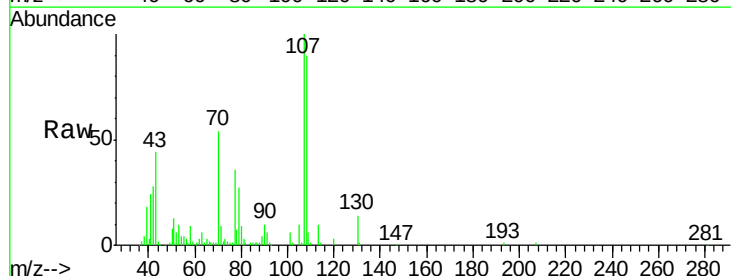
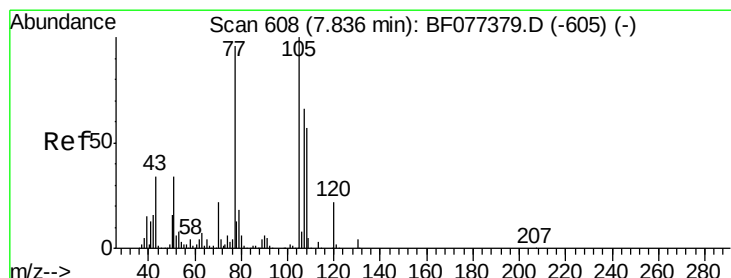
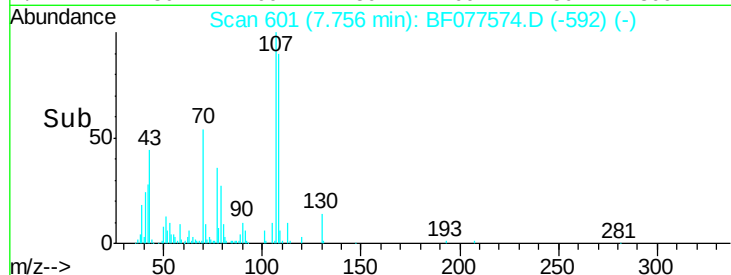
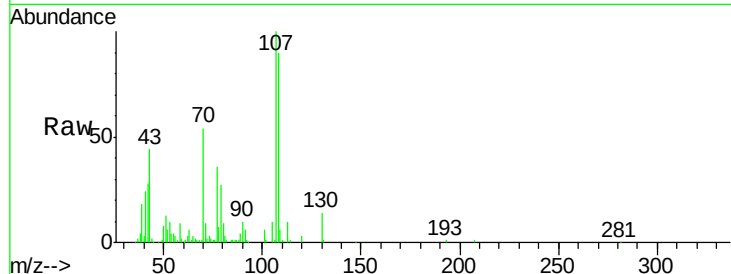
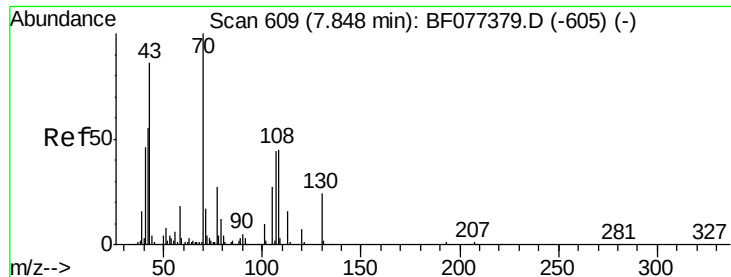


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

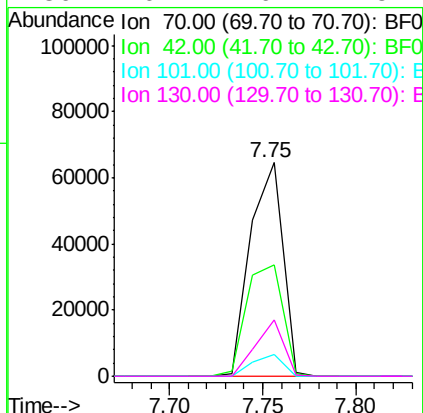




#19
n-Nitroso-di-n-propylamine
Concen: 20.72 ng
RT: 7.75 min Scan# 601
Delta R.T. -0.00 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

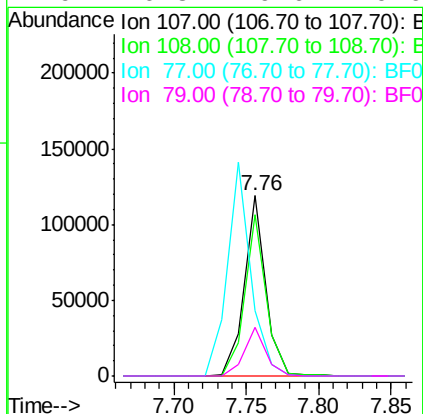
Instrument :
BNA_F
ClientSampleId :
VMA-2MSD

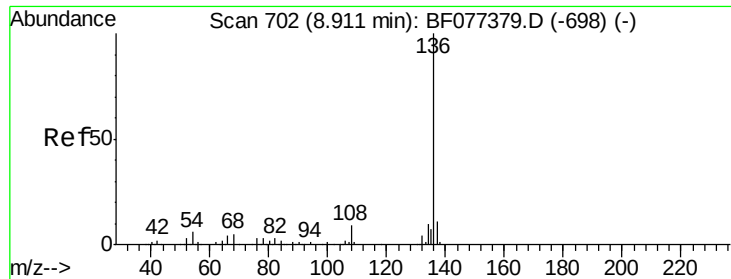
Tgt Ion: 70 Resp: 77993
Ion Ratio Lower Upper
70 100
42 51.9 48.3 72.5
101 10.5 7.5 11.3
130 26.4 16.7 25.1#



#20
3+4-Methylphenols
Concen: 21.74 ng
RT: 7.76 min Scan# 601
Delta R.T. -0.00 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

Tgt Ion: 107 Resp: 121693
Ion Ratio Lower Upper
107 100
108 89.5 76.8 116.8
77 36.3 65.8 105.8#
79 26.8 9.6 49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.81 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

Instrument :

BNA_F

ClientSampleId :

VMA-2MSD

Tgt Ion:136 Resp: 335489

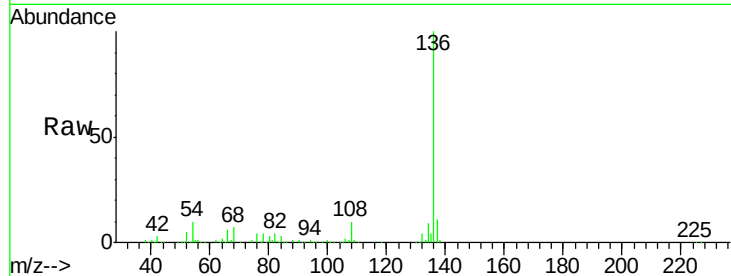
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 9.6 6.2 9.4#

68 7.0 5.0 7.6

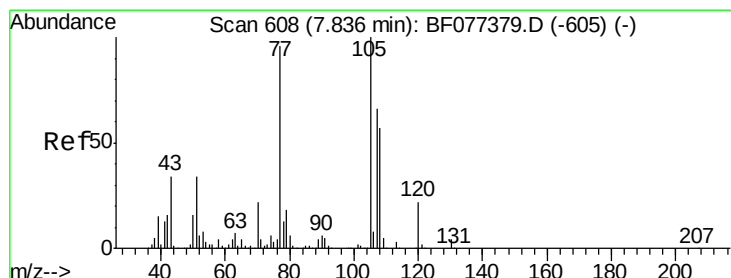
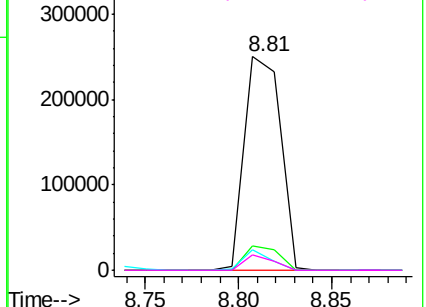
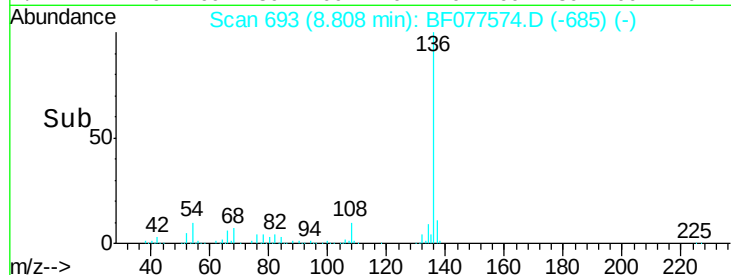


Abundance Ion 136.00 (135.70 to 136.70): E

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: 20.83 ng

RT: 7.74 min Scan# 600

Delta R.T. -0.00 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

Tgt Ion:105 Resp: 164396

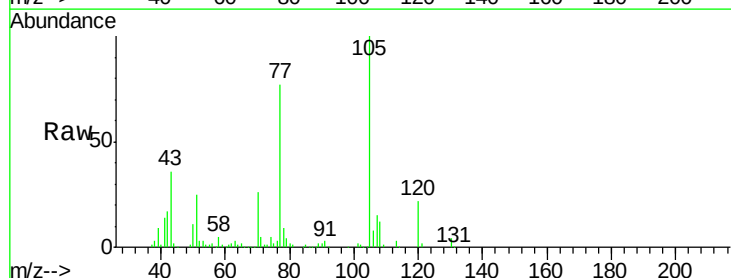
Ion Ratio Lower Upper

105 100

71 4.5 1.7 2.5#

51 25.4 30.7 46.1#

120 21.8 16.7 25.1

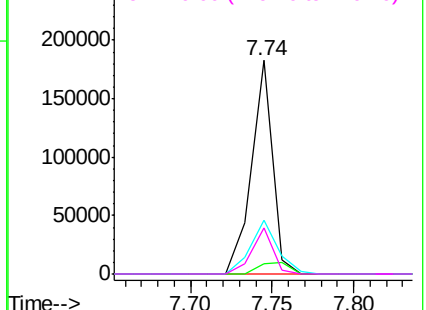
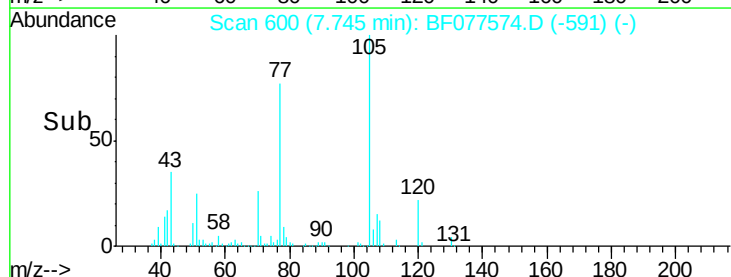


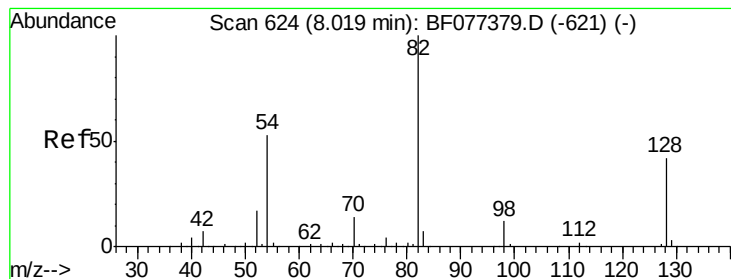
Abundance Ion 105.00 (104.70 to 105.70): E

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: 45.10 ng

RT: 7.93 min Scan# 616

Delta R.T. -0.00 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

Instrument :

BNA_F

ClientSampleId :

VMA-2MSD

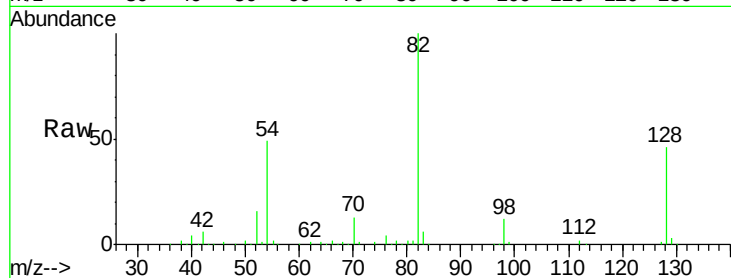
Tgt Ion: 82 Resp: 243296

Ion Ratio Lower Upper

82 100

128 45.5 43.8 65.8

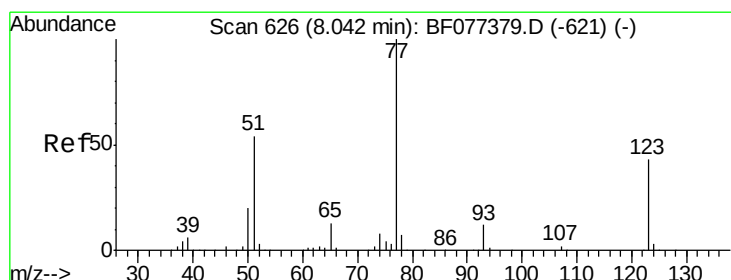
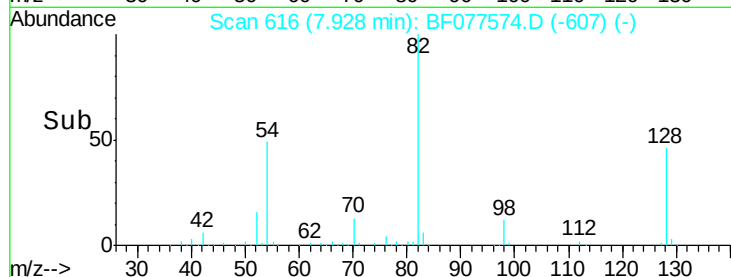
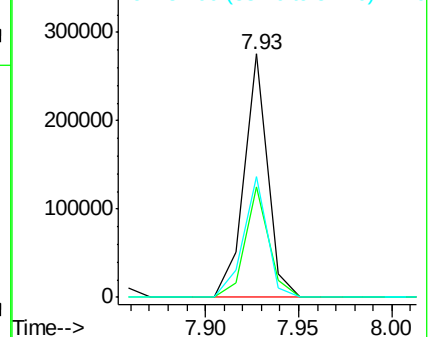
54 49.4 36.7 55.1



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 21.21 ng

RT: 7.95 min Scan# 618

Delta R.T. -0.00 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

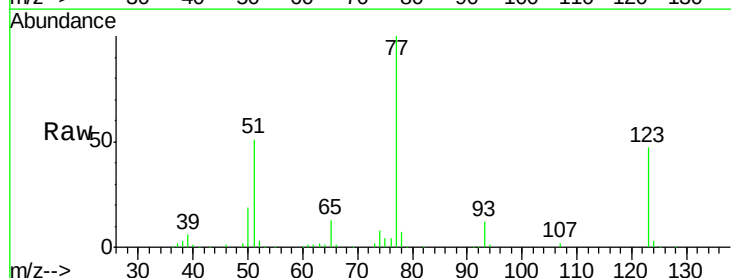
Tgt Ion: 77 Resp: 120379

Ion Ratio Lower Upper

77 100

123 47.0 45.9 68.9

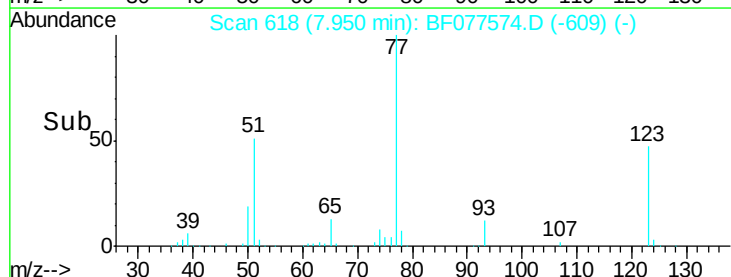
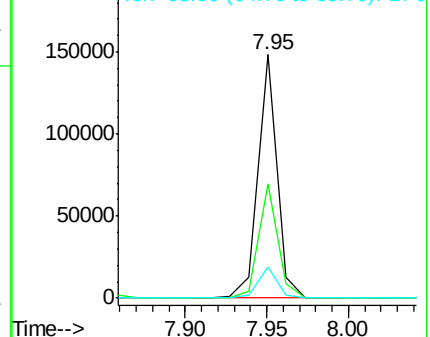
65 12.7 9.5 14.3

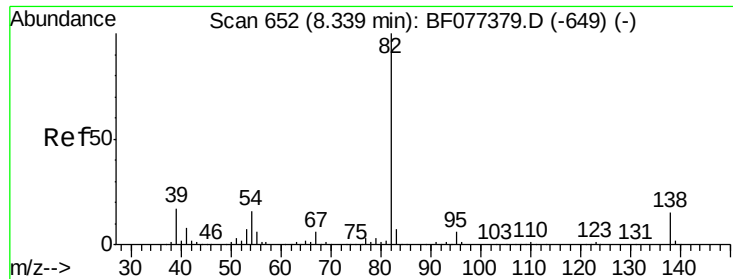


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 20.35 ng

RT: 8.25 min Scan# 644

Delta R.T. -0.00 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

Instrument :

BNA_F

ClientSampleId :

VMA-2MSD

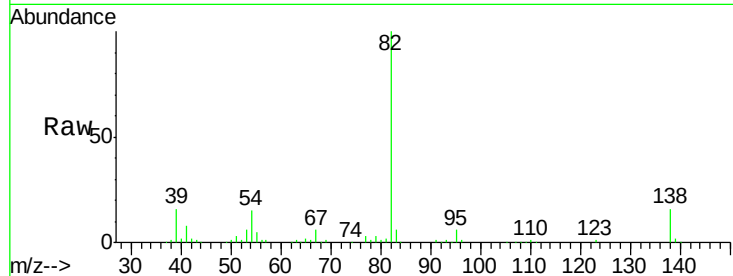
Tgt Ion: 82 Resp: 217835

Ion Ratio Lower Upper

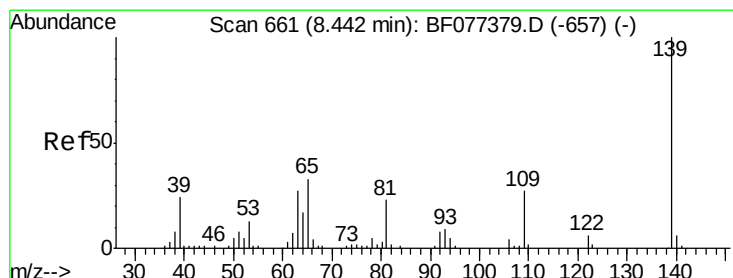
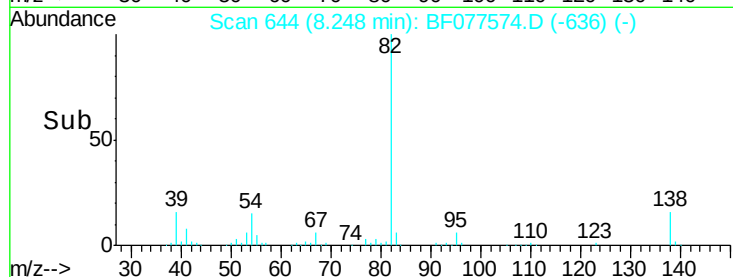
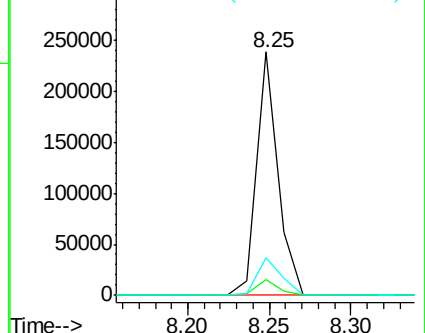
82 100

95 6.4 5.4 8.2

138 15.7 16.3 24.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 21.96 ng

RT: 8.34 min Scan# 653

Delta R.T. -0.00 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

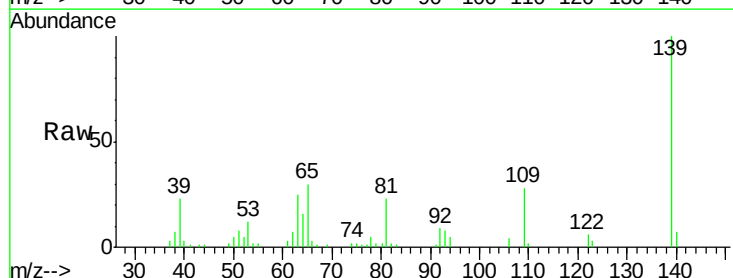
Tgt Ion: 139 Resp: 51087

Ion Ratio Lower Upper

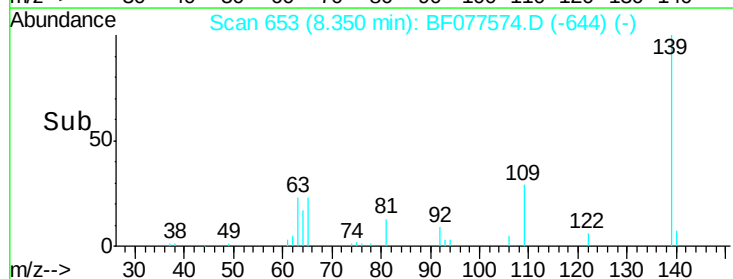
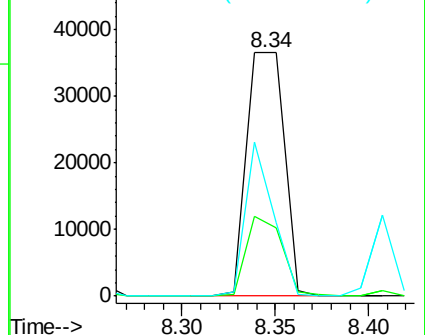
139 100

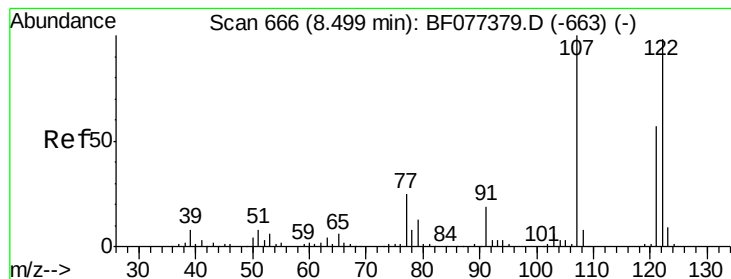
109 27.9 22.6 34.0

65 30.2 36.4 54.6#



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

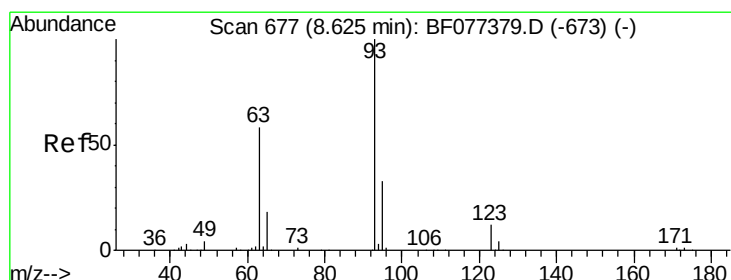
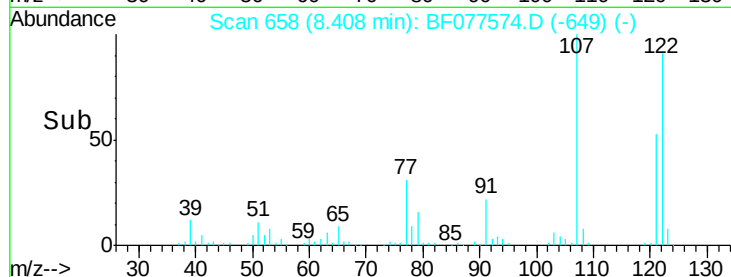
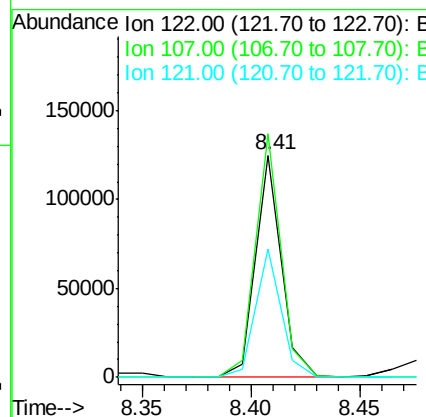
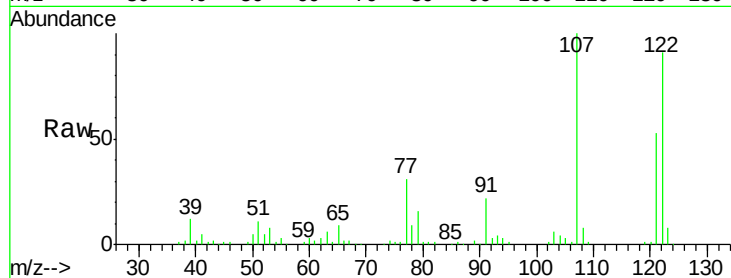




#27
 2,4-Dimethylphenol
 Concen: 19.73 ng
 RT: 8.41 min Scan# 658
 Delta R.T. -0.00 min
 Lab File: BF077574.D
 Acq: 4 Mar 2015 5:45

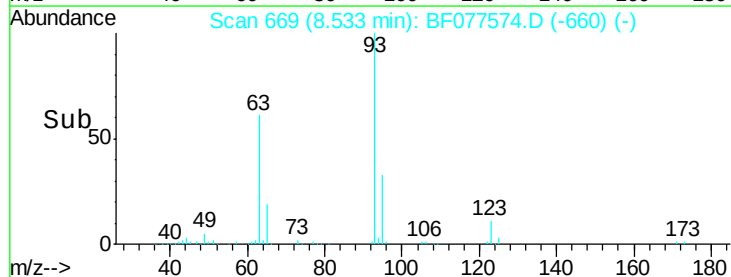
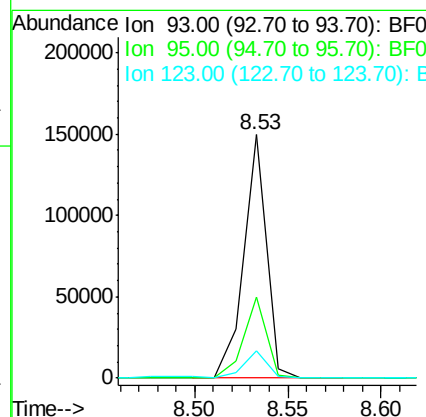
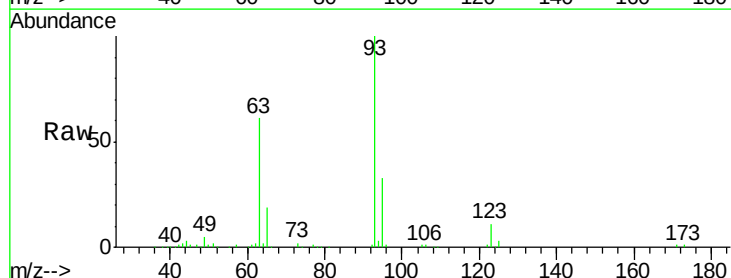
Instrument :
 BNA_F
 ClientSampleId :
 VMA-2MSD

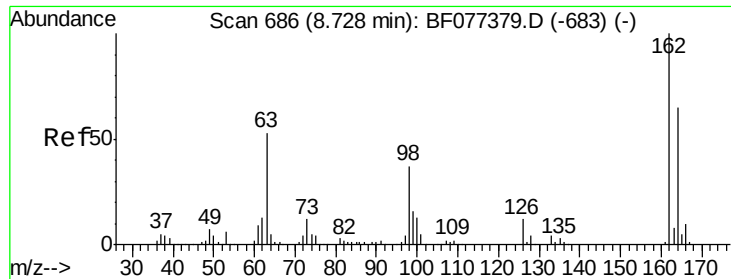
Tgt Ion: 122 Resp: 102696
 Ion Ratio Lower Upper
 122 100
 107 109.7 86.6 130.0
 121 58.0 47.4 71.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 18.92 ng
 RT: 8.53 min Scan# 669
 Delta R.T. -0.00 min
 Lab File: BF077574.D
 Acq: 4 Mar 2015 5:45

Tgt Ion: 93 Resp: 127940
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.4 39.6
 123 11.4 8.7 13.1

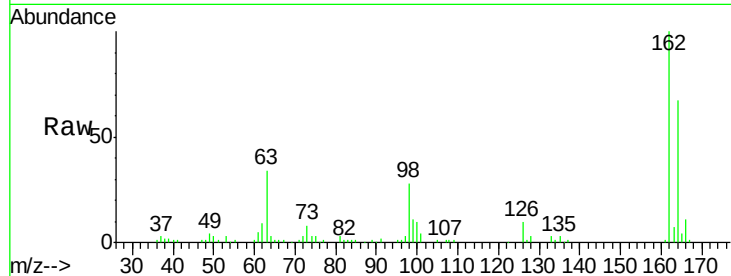




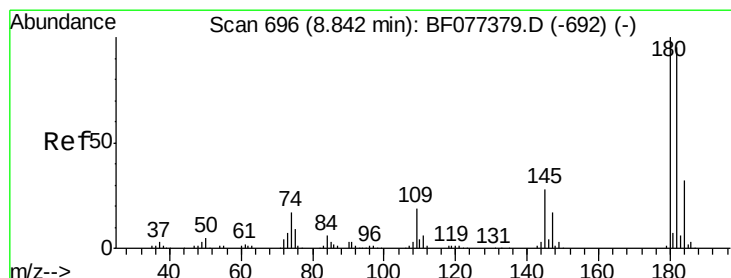
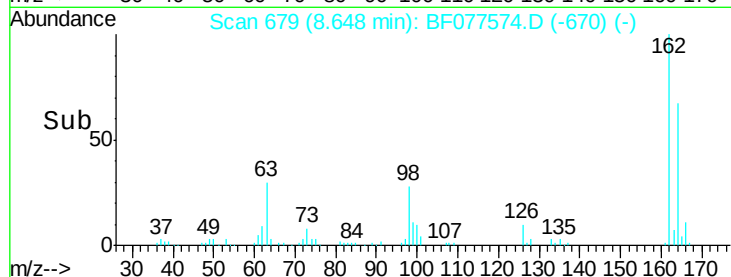
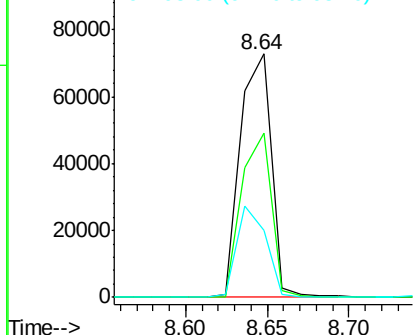
#29
 2,4-Dichlorophenol
 Concen: 19.60 ng
 RT: 8.64 min Scan# 679
 Delta R.T. -0.00 min
 Lab File: BF077574.D
 Acq: 4 Mar 2015 5:45

Instrument :
 BNA_F
 ClientSampleId :
 VMA-2MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	67.5	46.4	86.4
98	27.5	6.9	46.9

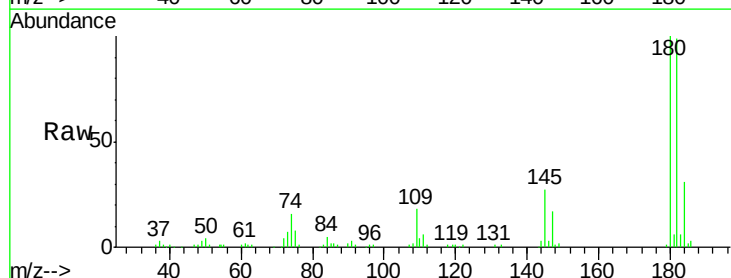


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

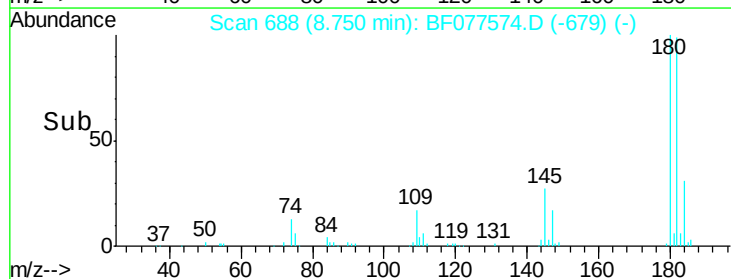
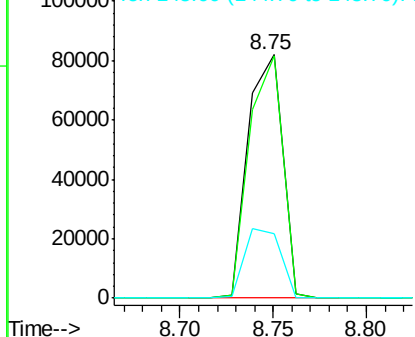


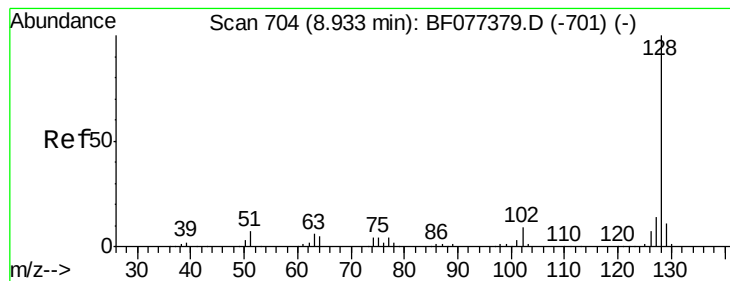
#30
 1,2,4-Trichlorobenzene
 Concen: 19.64 ng
 RT: 8.75 min Scan# 688
 Delta R.T. -0.00 min
 Lab File: BF077574.D
 Acq: 4 Mar 2015 5:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.4	76.2	114.4
145	26.7	24.5	36.7



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





#31

Naphthalene

Concen: 21.42 ng

RT: 8.84 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

Instrument :

BNA_F

ClientSampleId :

VMA-2MSD

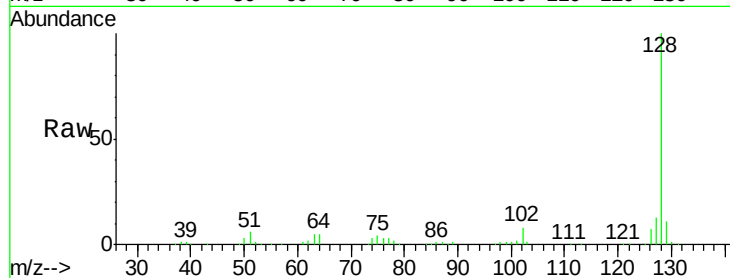
Tgt Ion:128 Resp: 359294

Ion Ratio Lower Upper

128 100

129 10.6 9.4 14.0

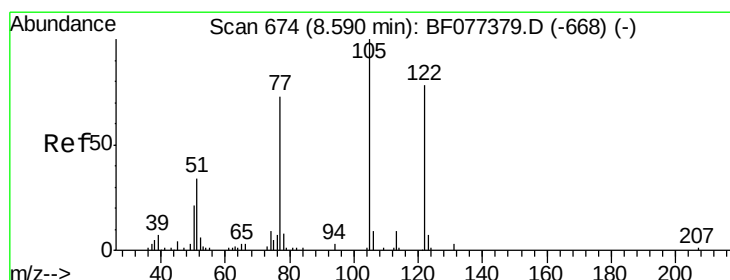
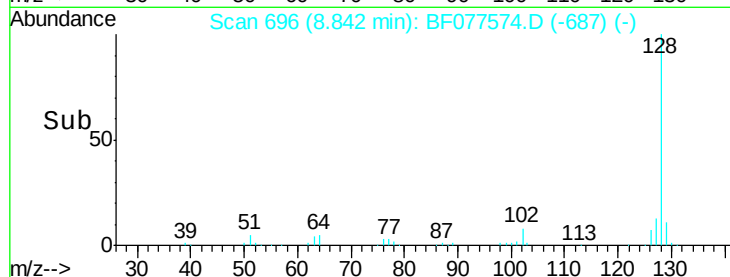
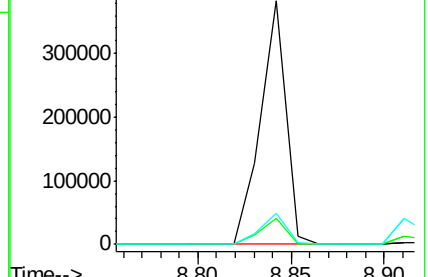
127 12.9 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 13.15 ng

RT: 8.49 min Scan# 665

Delta R.T. -0.02 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

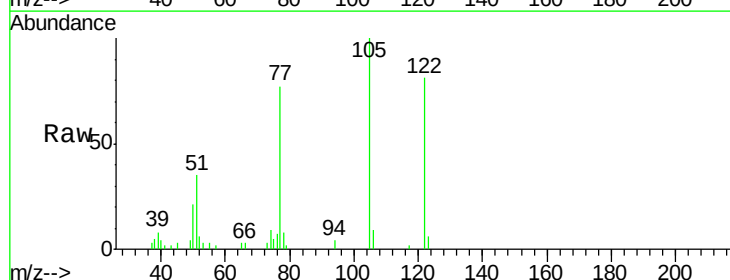
Tgt Ion:122 Resp: 33268

Ion Ratio Lower Upper

122 100

105 123.3 100.3 140.3

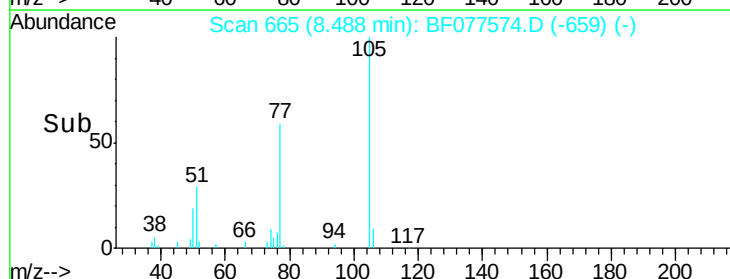
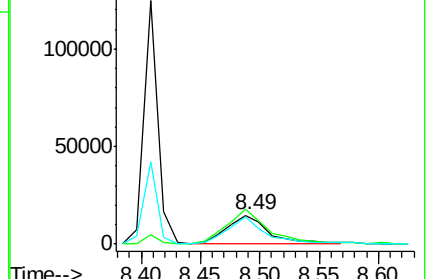
77 95.3 68.7 108.7

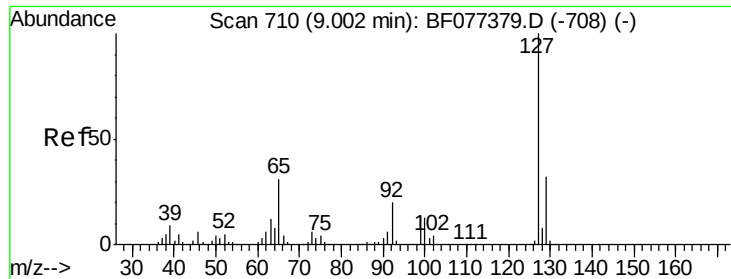


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

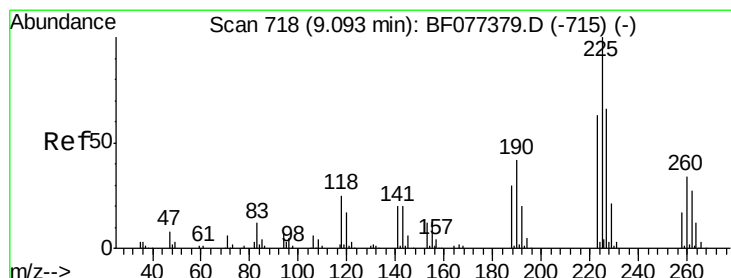
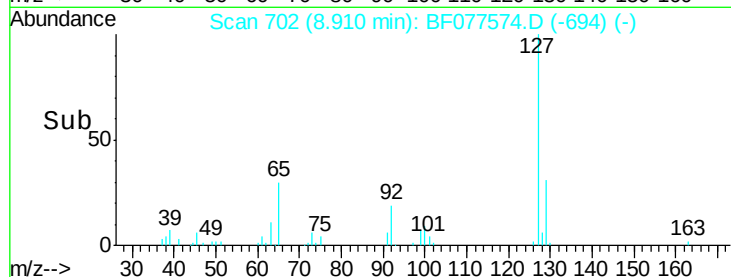
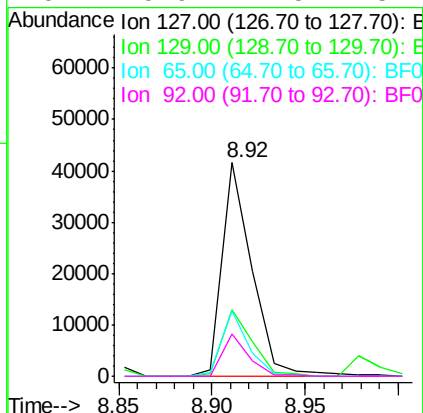
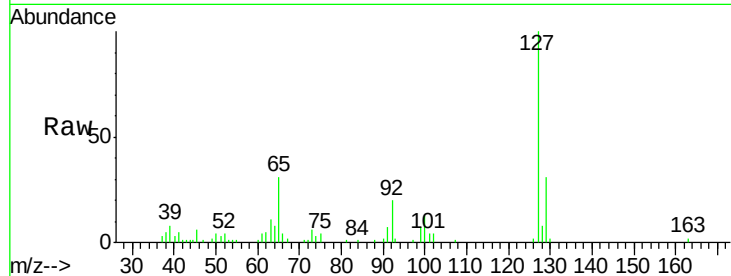




#33
4-Chloroaniline
Concen: 6.25 ng
RT: 8.92 min Scan# 702
Delta R.T. 0.00 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

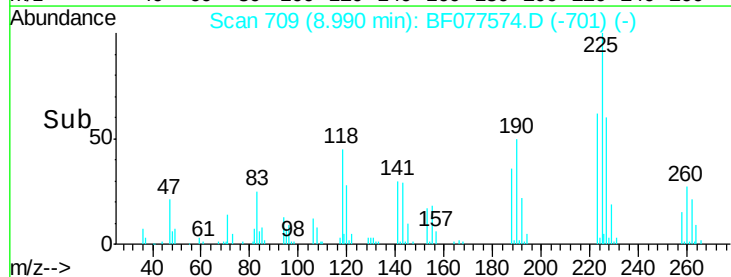
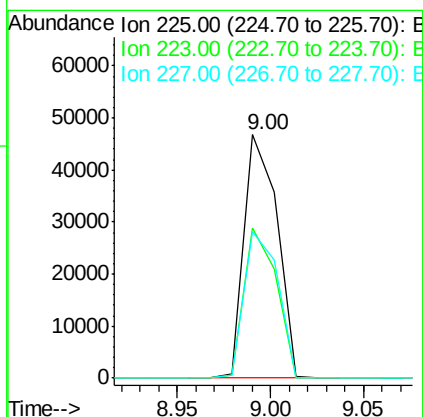
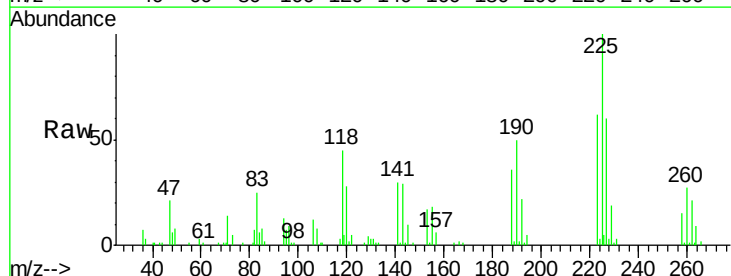
Instrument :
BNA_F
ClientSampleId :
VMA-2MSD

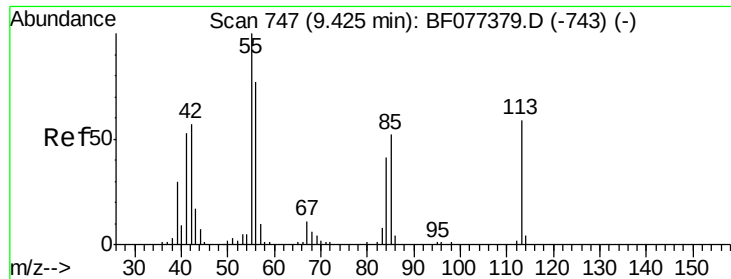
Tgt Ion:	127	Resp:	46634
Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.9	40.3
65	30.8	16.7	25.1#
92	19.9	12.5	18.7#



#34
Hexachlorobutadiene
Concen: 18.74 ng
RT: 9.00 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

Tgt Ion:	225	Resp:	57472
Ion	Ratio	Lower	Upper
225	100		
223	61.5	49.5	74.3
227	60.2	50.5	75.7

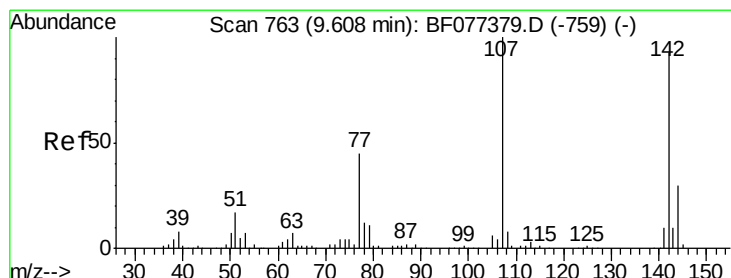
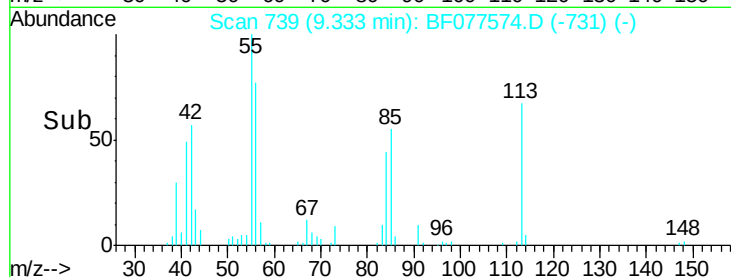
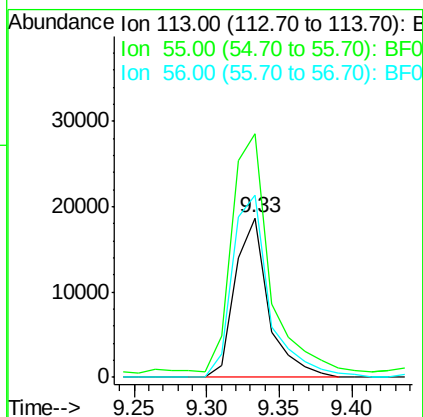
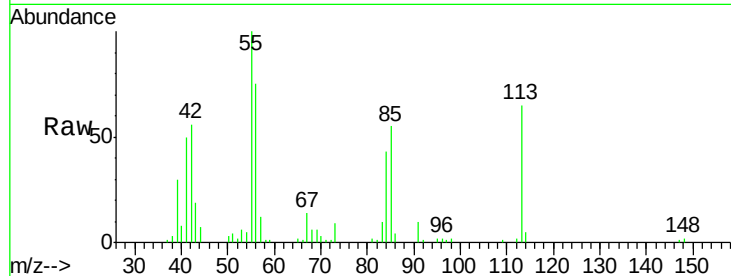




#35
 Caprolactam
 Concen: 20.07 ng
 RT: 9.33 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF077574.D
 Acq: 4 Mar 2015 5:45

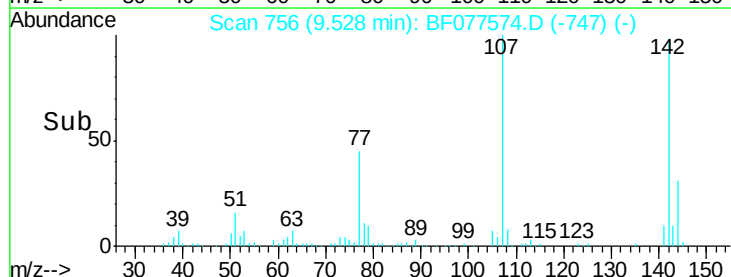
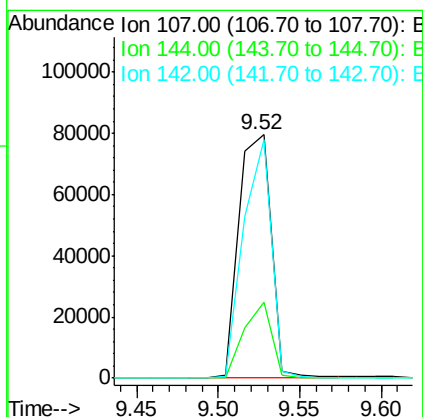
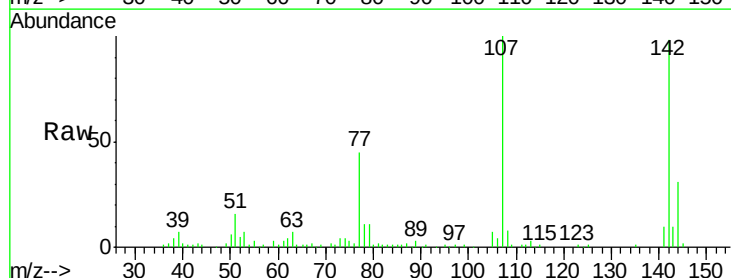
Instrument :
 BNA_F
 ClientSampleId :
 VMA-2MSD

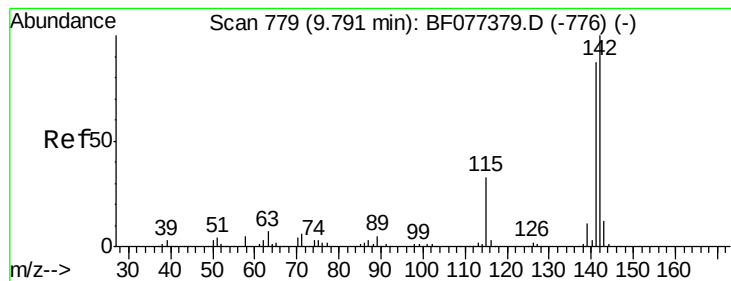
Tgt Ion:113 Resp: 29942
 Ion Ratio Lower Upper
 113 100
 55 152.7 154.6 194.6#
 56 114.2 114.0 154.0



#36
 4-Chloro-3-methylphenol
 Concen: 22.13 ng
 RT: 9.52 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BF077574.D
 Acq: 4 Mar 2015 5:45

Tgt Ion:107 Resp: 108701
 Ion Ratio Lower Upper
 107 100
 144 31.0 21.1 31.7
 142 98.1 65.3 97.9#





#37

2-Methylnaphthalene

Concen: 21.04 ng

RT: 9.70 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

Instrument :

BNA_F

ClientSampleId :

VMA-2MSD

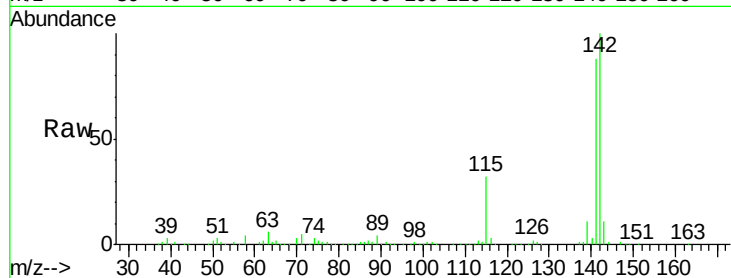
Tgt Ion:142 Resp: 250622

Ion Ratio Lower Upper

142 100

141 88.2 70.7 106.1

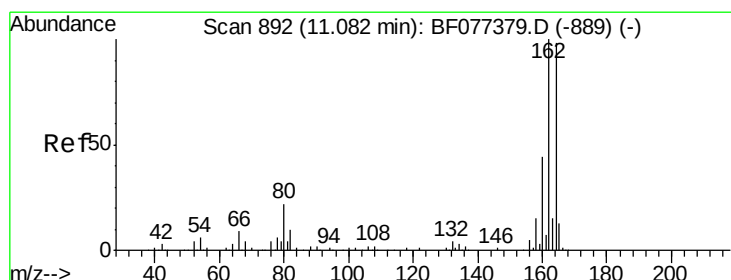
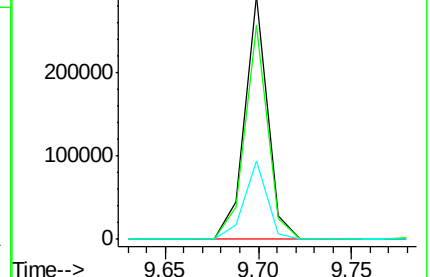
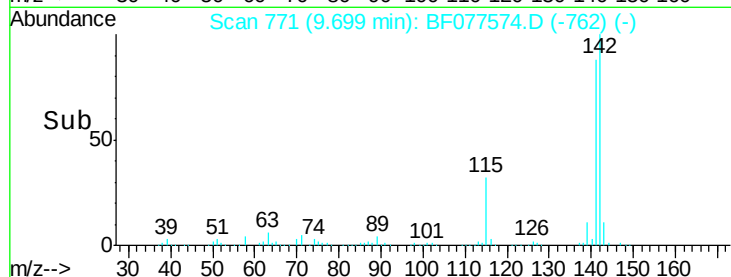
115 32.1 24.2 36.4



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: 10.99 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

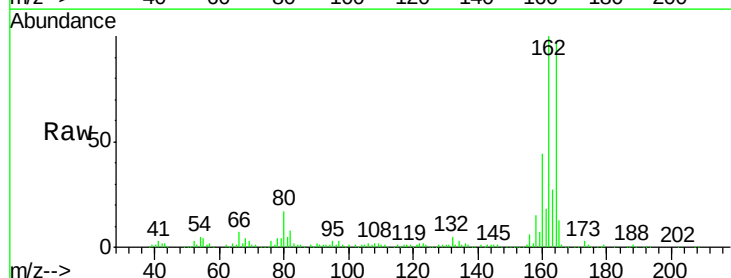
Tgt Ion:164 Resp: 168223

Ion Ratio Lower Upper

164 100

162 102.6 83.2 124.8

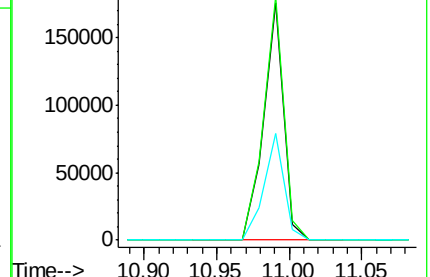
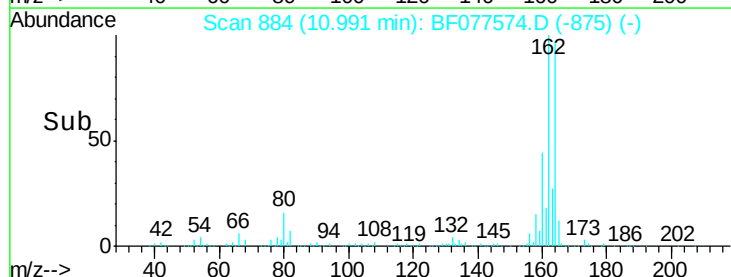
160 44.8 34.6 52.0

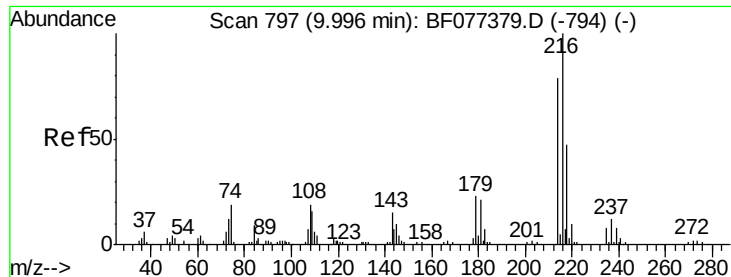


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

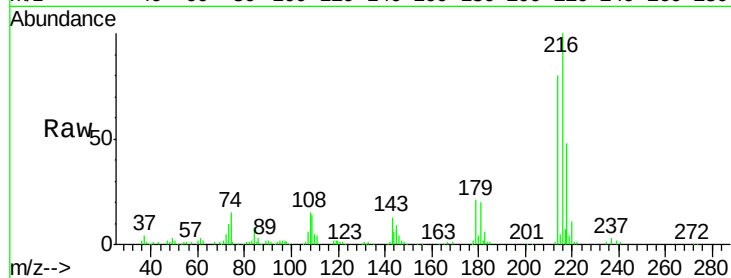




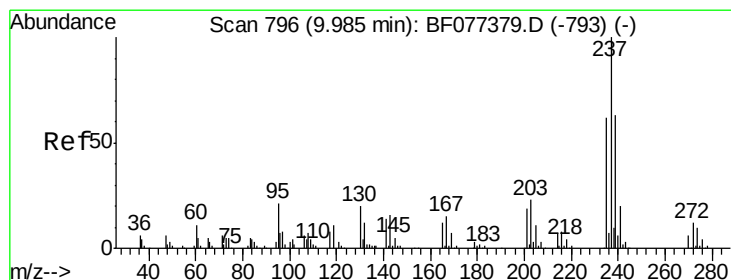
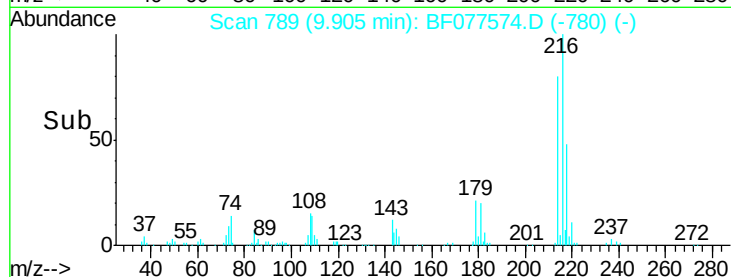
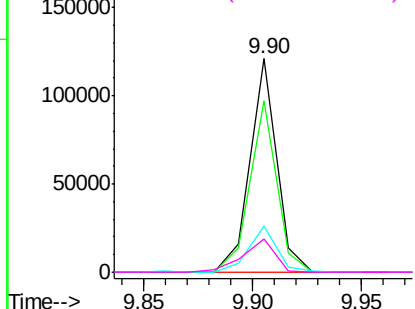
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 21.46 ng
 RT: 9.90 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF077574.D
 Acq: 4 Mar 2015 5:45

Instrument :
 BNA_F
 ClientSampleId :
 VMA-2MSD

Tgt Ion:	216	Resp:	103590
Ion	Ratio	Lower	Upper
216	100		
214	80.5	63.4	95.0
179	22.7	16.6	25.0
108	18.7	14.2	21.4

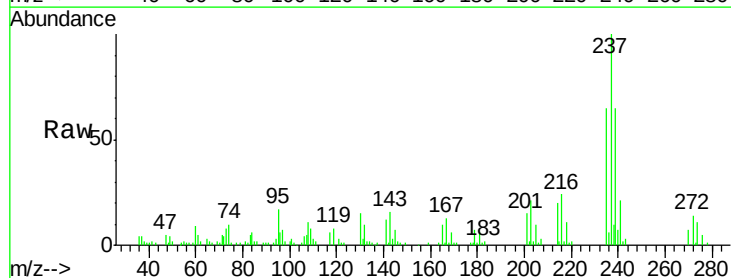


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

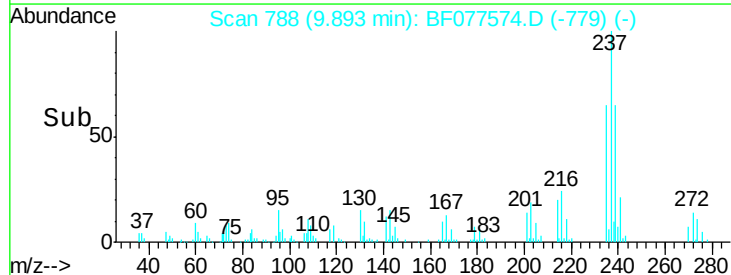
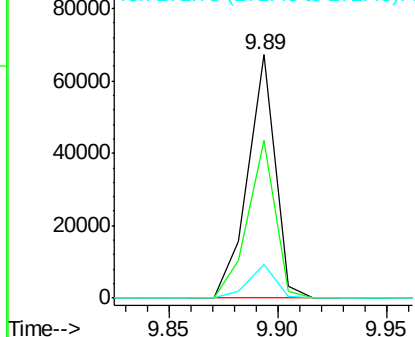


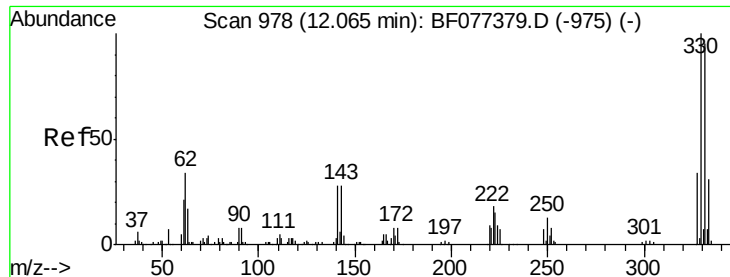
#40
 Hexachlorocyclopentadiene
 Concen: 22.82 ng
 RT: 9.89 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF077574.D
 Acq: 4 Mar 2015 5:45

Tgt Ion:	237	Resp:	59055
Ion	Ratio	Lower	Upper
237	100		
235	65.0	41.0	81.0
272	14.1	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

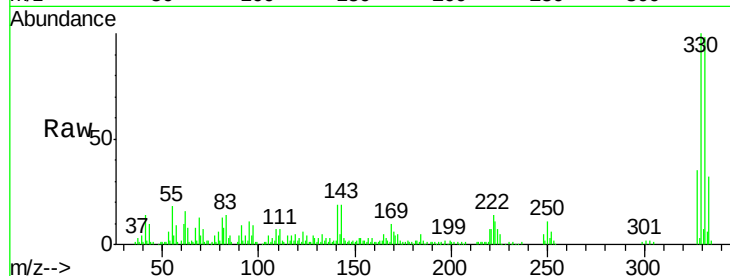




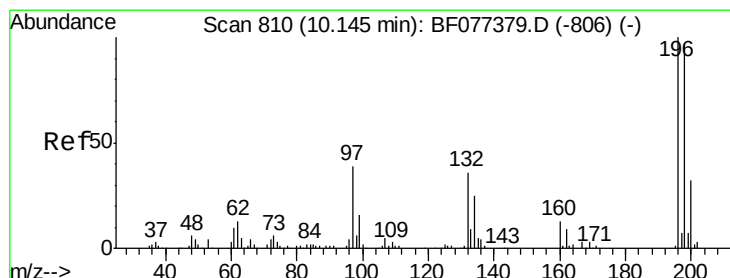
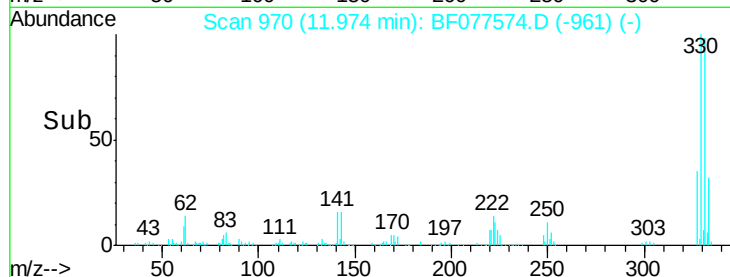
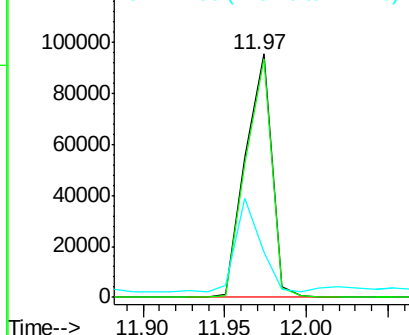
#41
 2,4,6-Tribromophenol
 Concen: 66.29 ng
 RT: 11.97 min Scan# 970
 Delta R.T. 0.00 min
 Lab File: BF077574.D
 Acq: 4 Mar 2015 5:45

Instrument :
 BNA_F
 ClientSampleId :
 VMA-2MSD

Tgt Ion:330 Resp: 107376
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.4 116.2
 141 37.2 28.8 43.2

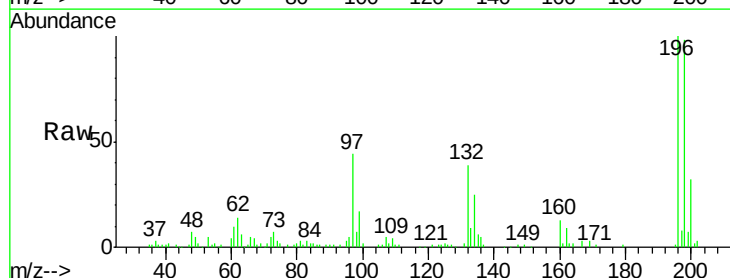


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

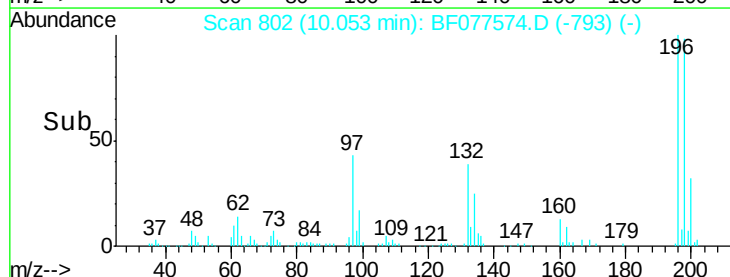
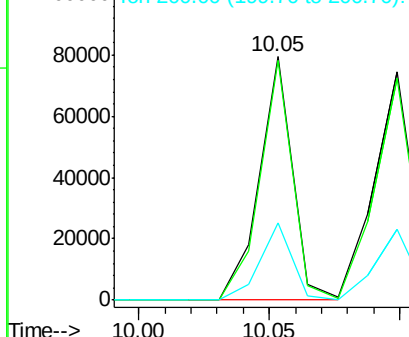


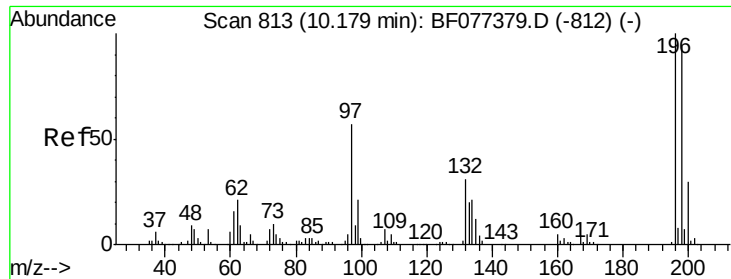
#42
 2,4,6-Trichlorophenol
 Concen: 22.21 ng
 RT: 10.05 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF077574.D
 Acq: 4 Mar 2015 5:45

Tgt Ion:196 Resp: 71009
 Ion Ratio Lower Upper
 196 100
 198 98.3 75.8 113.8
 200 31.6 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

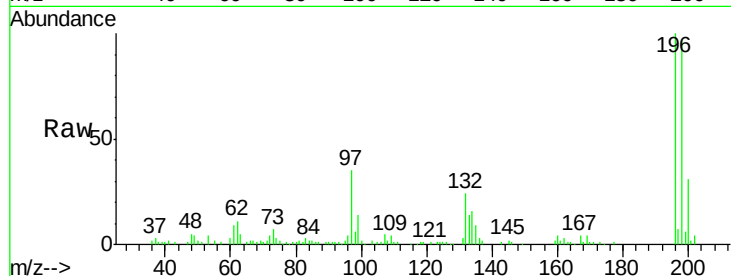




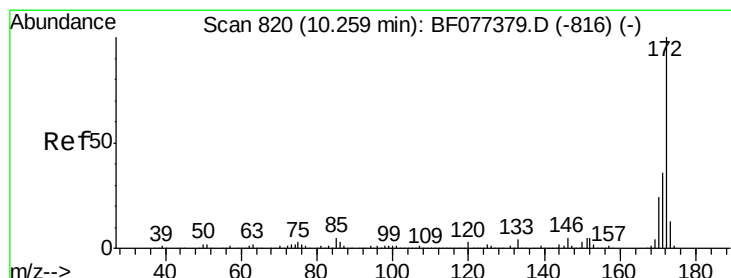
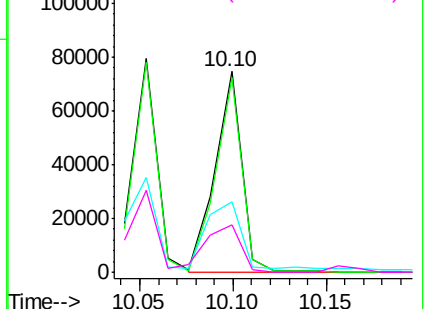
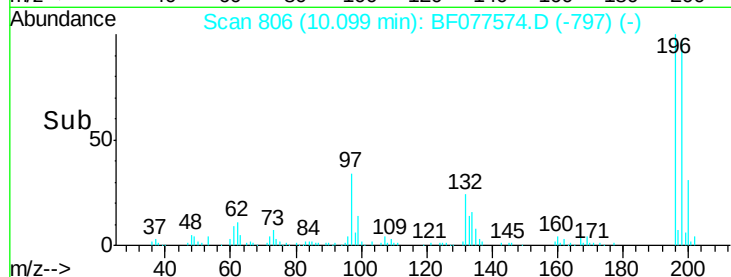
#43
 2,4,5-Trichlorophenol
 Concen: 21.83 ng
 RT: 10.10 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF077574.D
 Acq: 4 Mar 2015 5:45

Instrument :
 BNA_F
 ClientSampleId :
 VMA-2MSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.0	77.2	115.8
97	35.0	27.7	41.5
132	23.8	18.0	27.0

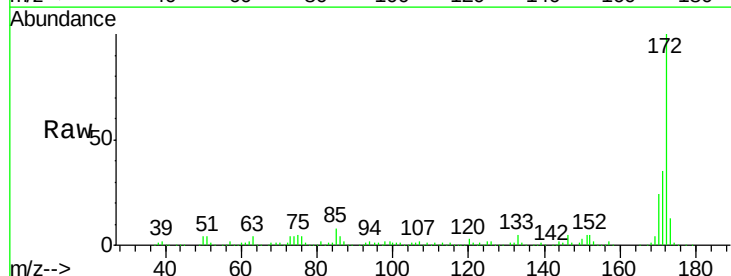


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

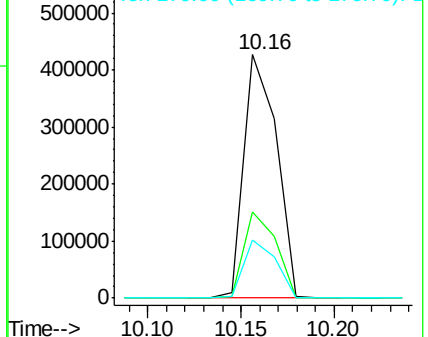
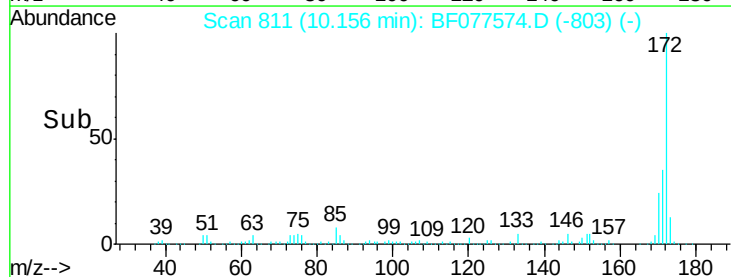


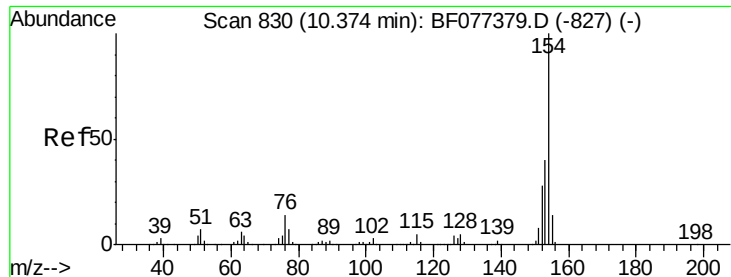
#44
 2-Fluorobiphenyl
 Concen: 47.86 ng
 RT: 10.16 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF077574.D
 Acq: 4 Mar 2015 5:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.9	43.3
170	23.6	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

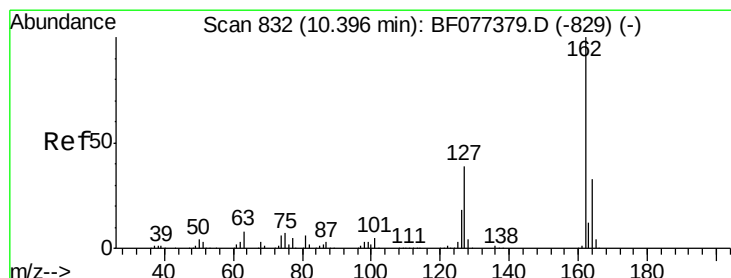
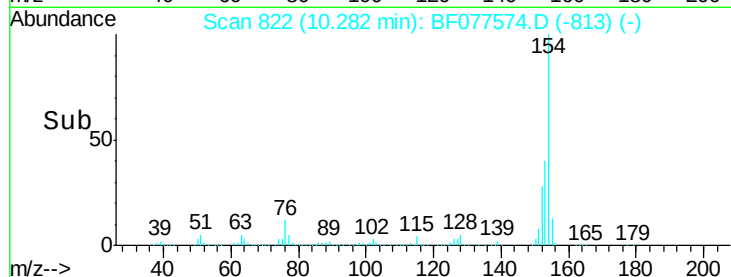
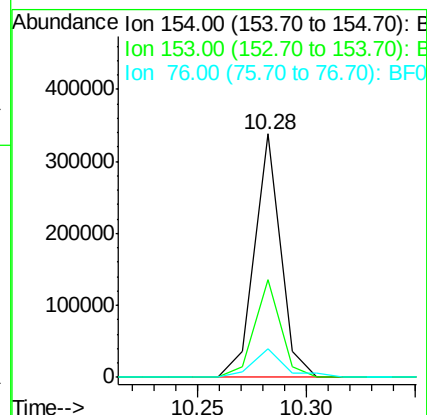
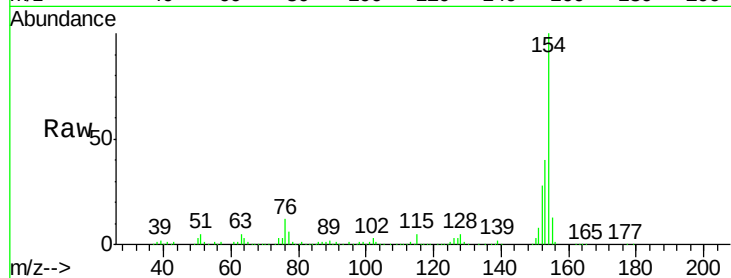




#45
1,1'-Biphenyl
Concen: 22.05 ng
RT: 10.28 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

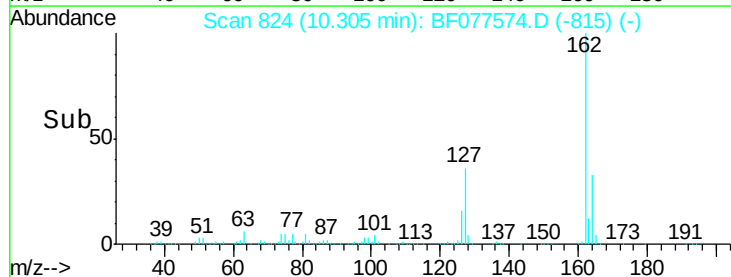
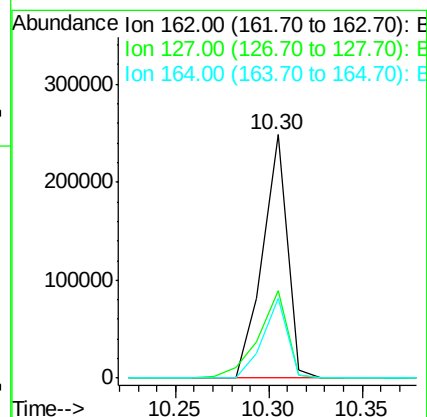
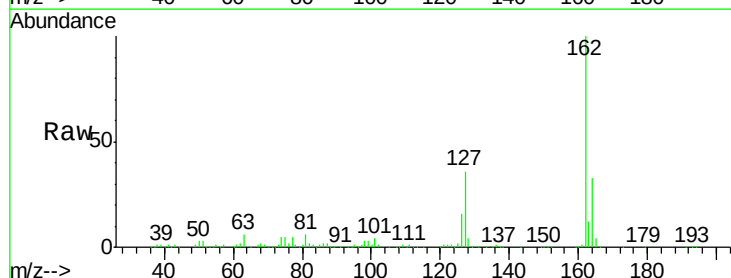
Instrument :
BNA_F
ClientSampleId :
VMA-2MSD

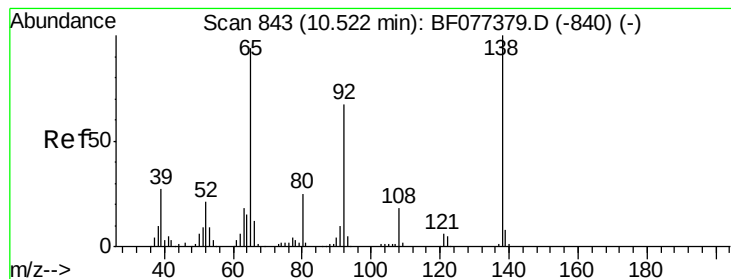
Tgt Ion:154 Resp: 281063
Ion Ratio Lower Upper
154 100
153 40.3 20.2 60.2
76 11.6 0.0 29.4



#46
2-Chloronaphthalene
Concen: 23.21 ng
RT: 10.30 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

Tgt Ion:162 Resp: 231971
Ion Ratio Lower Upper
162 100
127 36.1 33.3 49.9
164 32.8 26.2 39.4





#47

2-Nitroaniline

Concen: 25.72 ng

RT: 10.43 min Scan# 835

Delta R.T. -0.00 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

Instrument :

BNA_F

ClientSampleId :

VMA-2MSD

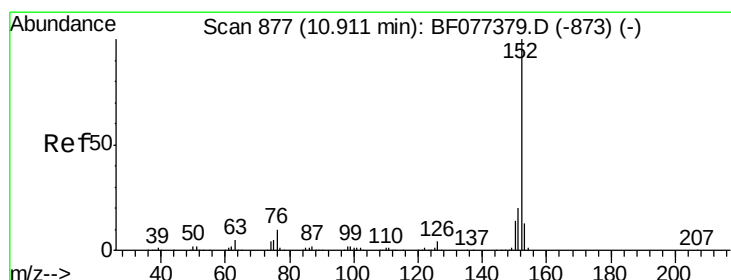
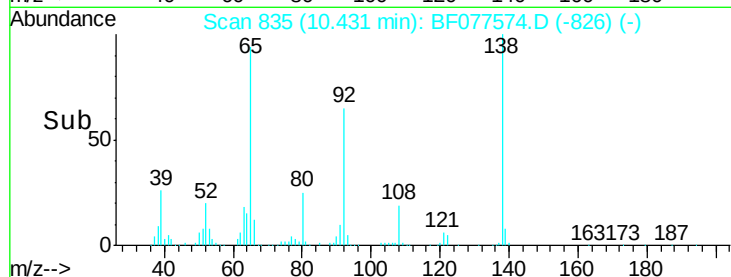
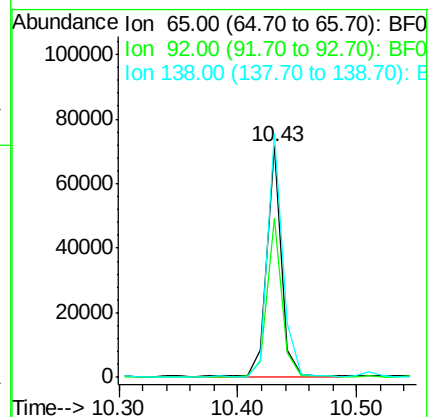
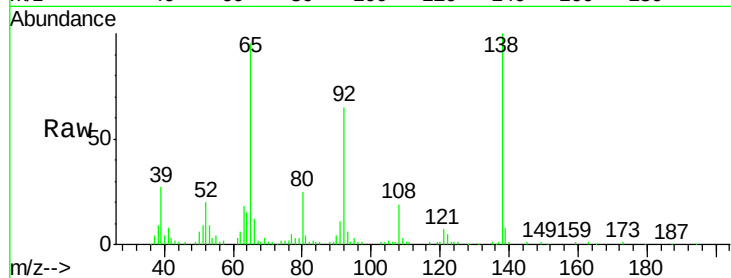
Tgt Ion: 65 Resp: 63284

Ion Ratio Lower Upper

65 100

92 69.1 52.4 78.6

138 105.6 73.4 110.0



#48

Acenaphthylene

Concen: 23.13 ng

RT: 10.81 min Scan# 868

Delta R.T. -0.00 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

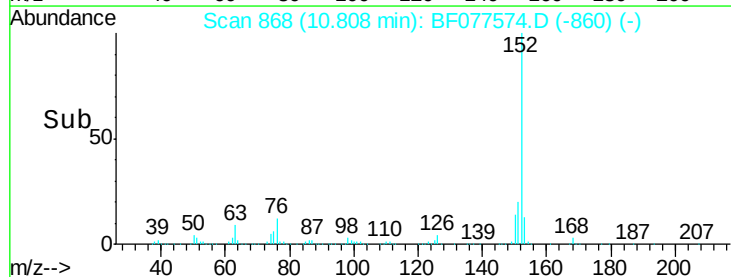
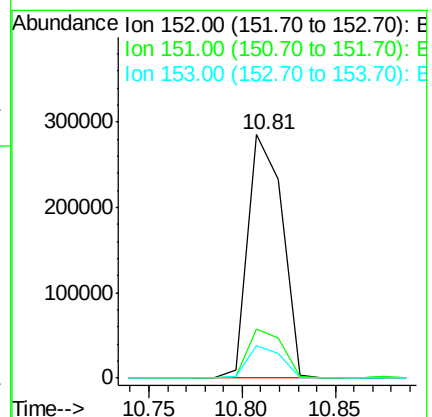
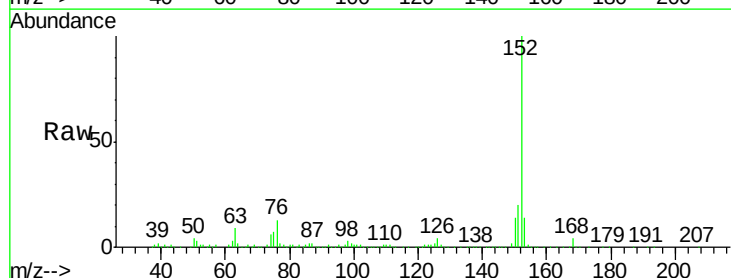
Tgt Ion: 152 Resp: 365925

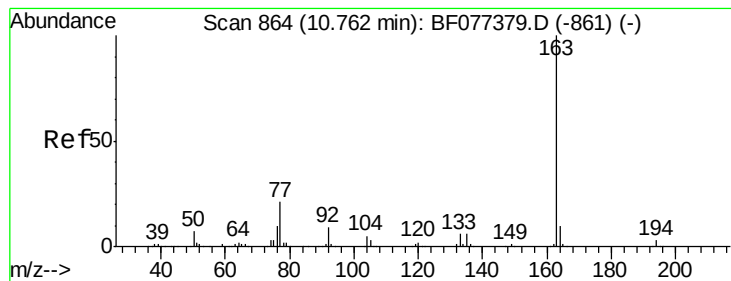
Ion Ratio Lower Upper

152 100

151 20.3 16.1 24.1

153 13.6 10.9 16.3





#49

Dimethylphthalate

Concen: 22.98 ng

RT: 10.67 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

Instrument :

BNA_F

ClientSampleId :

VMA-2MSD

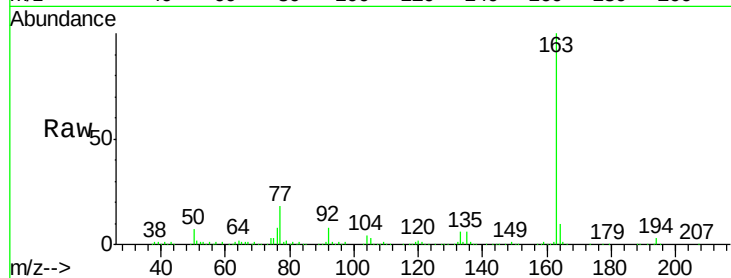
Tgt Ion:163 Resp: 271733

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

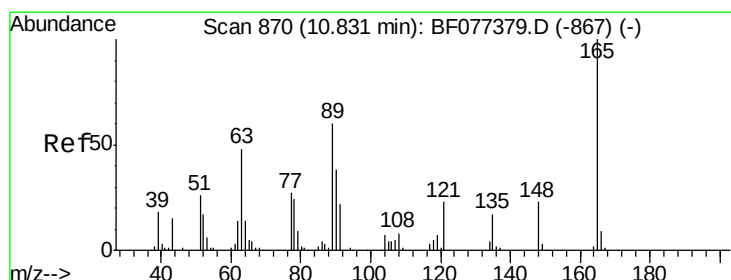
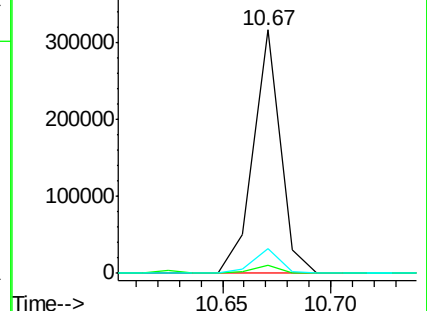
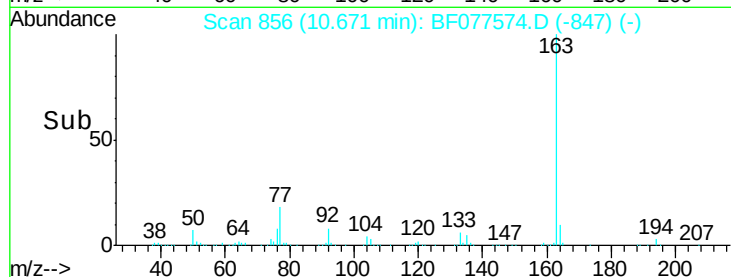
164 10.0 8.6 13.0



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: 23.86 ng

RT: 10.74 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

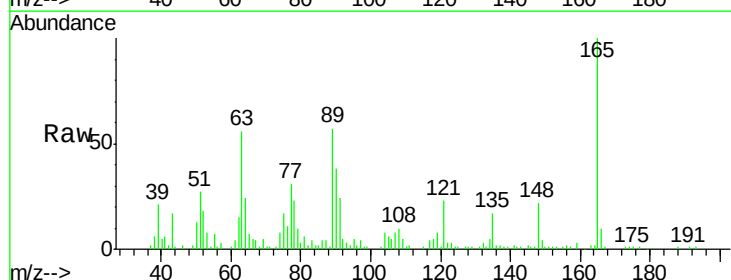
Tgt Ion:165 Resp: 56570

Ion Ratio Lower Upper

165 100

63 55.5 25.2 37.8#

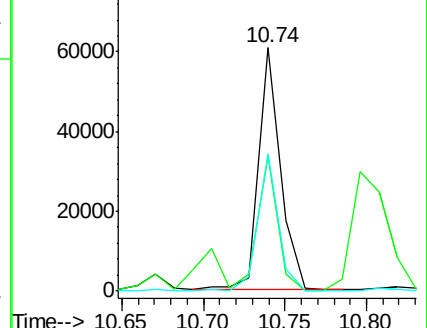
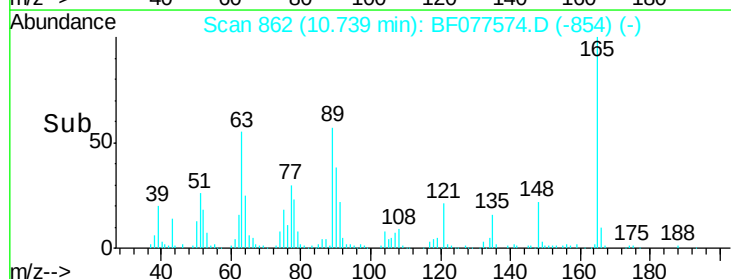
89 56.6 30.5 45.7#

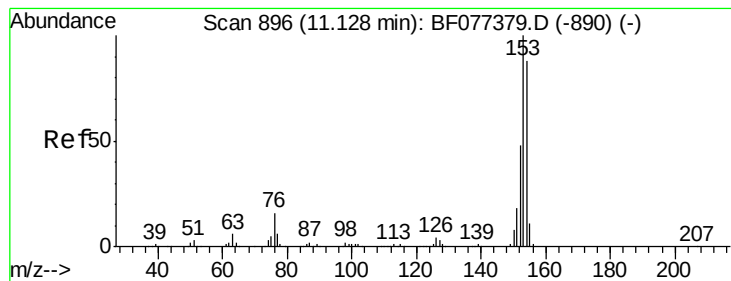


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 20.94 ng

RT: 11.03 min Scan# 887

Delta R.T. -0.00 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

Instrument :

BNA_F

ClientSampleId :

VMA-2MSD

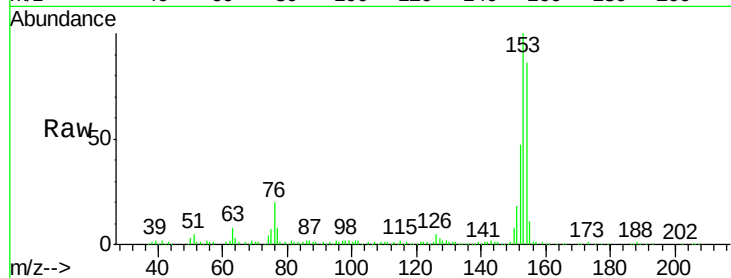
Tgt Ion:154 Resp: 197719

Ion Ratio Lower Upper

154 100

153 116.0 90.5 135.7

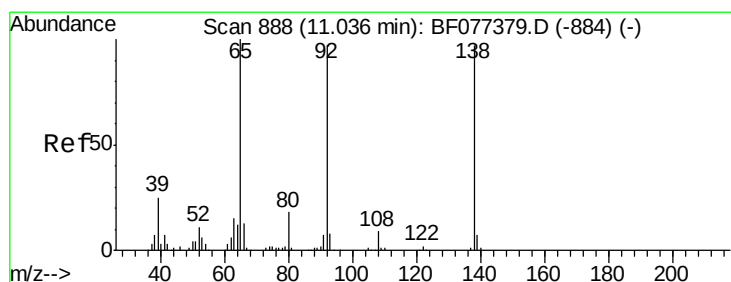
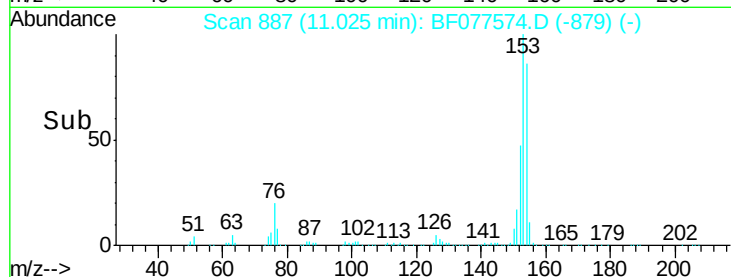
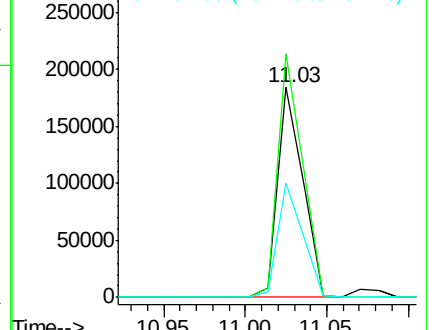
152 54.6 43.5 65.3



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: 18.91 ng

RT: 10.94 min Scan# 880

Delta R.T. -0.00 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

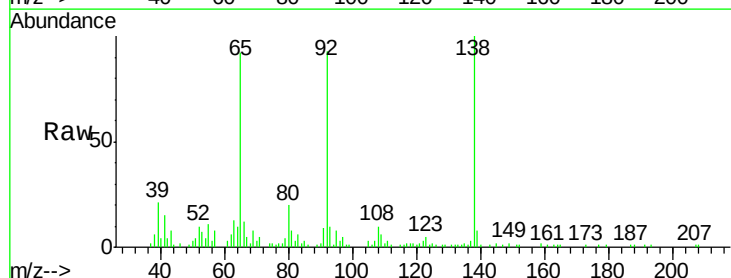
Tgt Ion:138 Resp: 51699

Ion Ratio Lower Upper

138 100

108 10.2 7.8 11.8

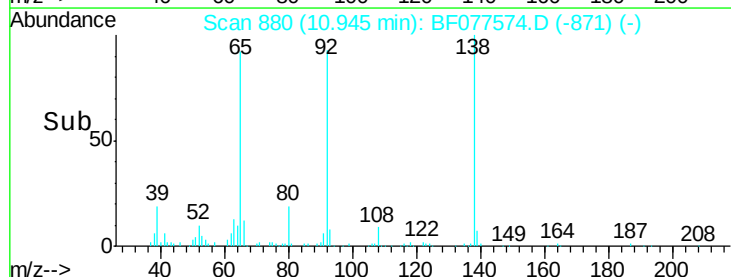
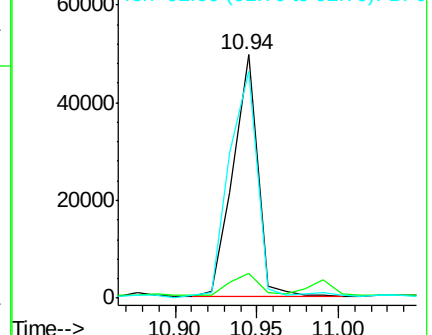
92 93.2 90.6 135.8

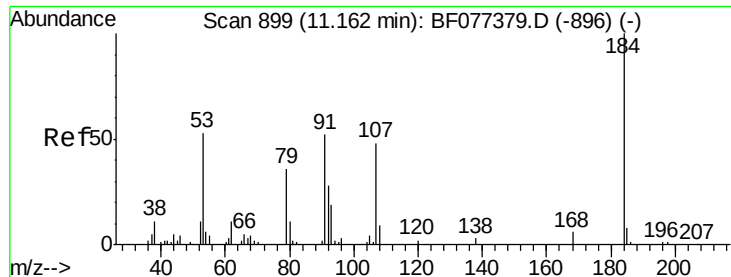


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

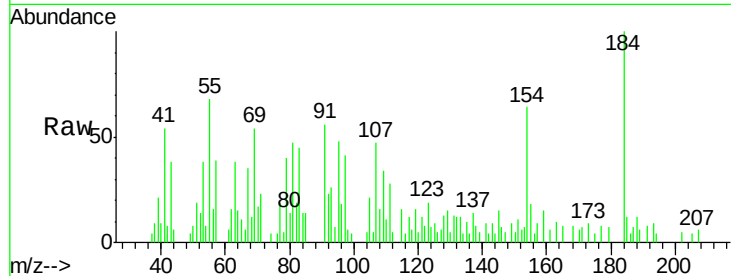




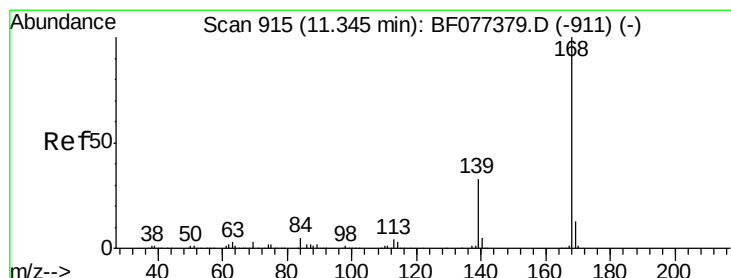
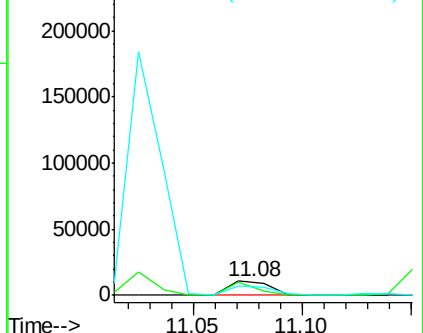
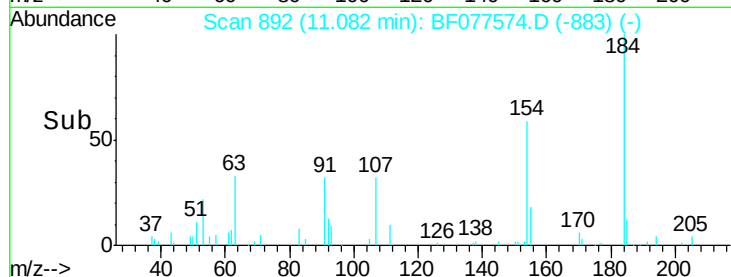
#53
2,4-Dinitrophenol
Concen: 19.39 ng
RT: 11.08 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

Instrument :
BNA_F
ClientSampleId :
VMA-2MSD

Tgt Ion:184 Resp: 13994
Ion Ratio Lower Upper
184 100
63 38.3 29.5 44.3
154 63.6 43.2 64.8

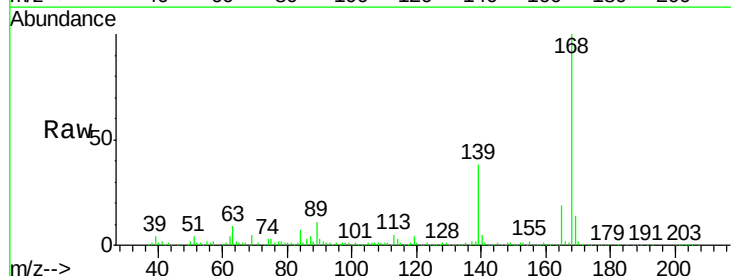


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

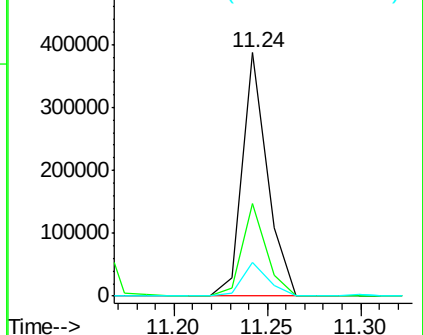
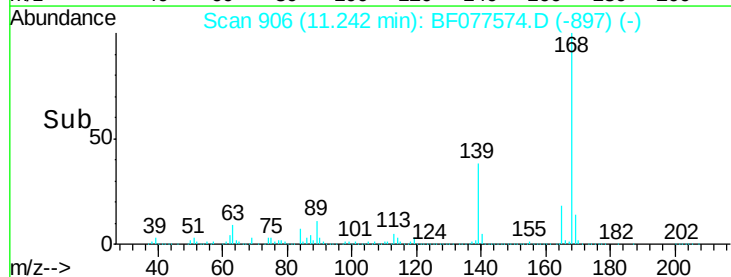


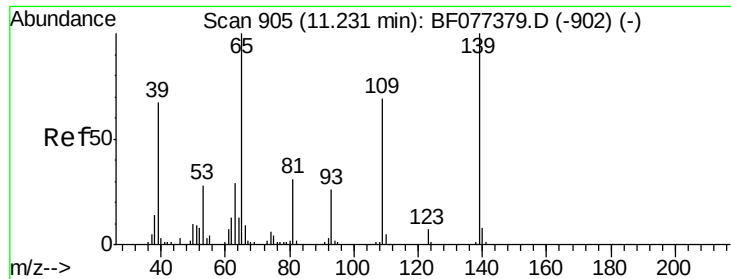
#54
Dibenzofuran
Concen: 24.74 ng
RT: 11.24 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

Tgt Ion:168 Resp: 360711
Ion Ratio Lower Upper
168 100
139 38.0 29.3 43.9
169 13.9 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

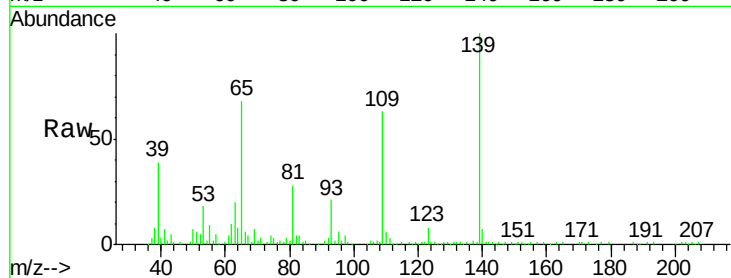




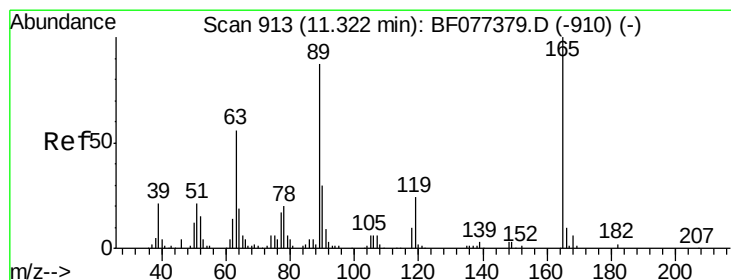
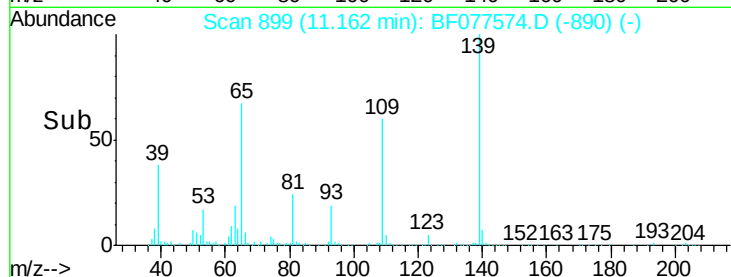
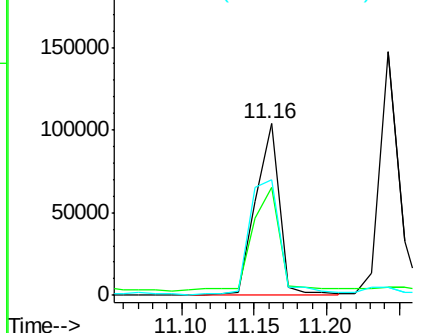
#55
4-Nitrophenol
Concen: 53.04 ng
RT: 11.16 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

Instrument :
BNA_F
ClientSampleId :
VMA-2MSD

Tgt Ion:139 Resp: 116641
Ion Ratio Lower Upper
139 100
109 63.2 36.2 76.2
65 67.6 40.3 80.3



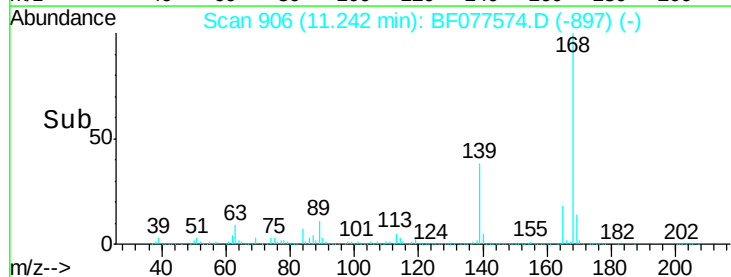
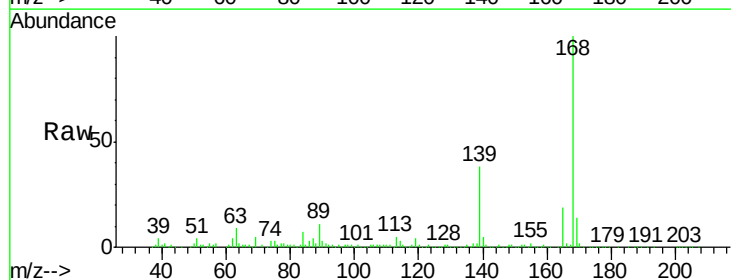
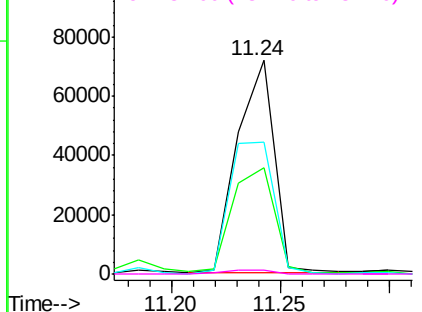
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

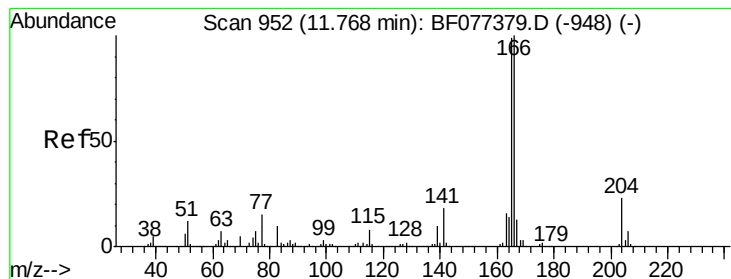


#56
2,4-Dinitrotoluene
Concen: 26.11 ng
RT: 11.24 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

Tgt Ion:165 Resp: 83678
Ion Ratio Lower Upper
165 100
63 49.6 29.8 44.8#
89 61.7 48.5 72.7
182 2.0 1.9 2.9

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 22.47 ng

RT: 11.67 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

Instrument :

BNA_F

ClientSampleId :

VMA-2MSD

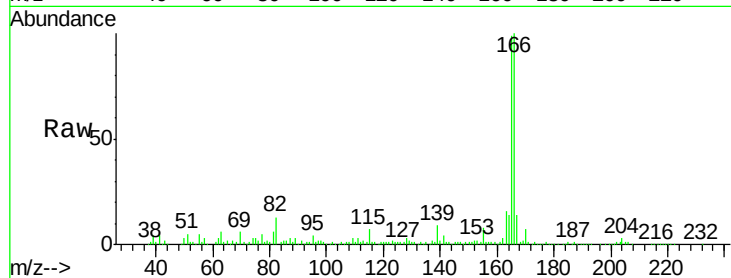
Tgt Ion:166 Resp: 261959

Ion Ratio Lower Upper

166 100

165 98.7 77.6 116.4

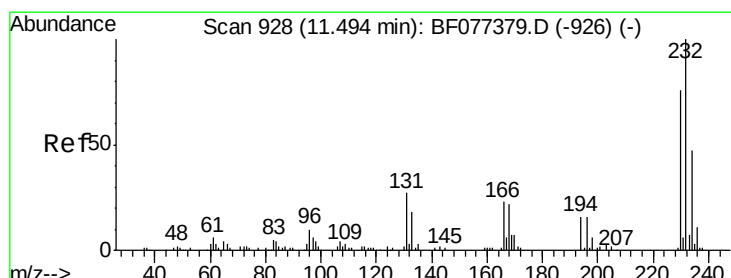
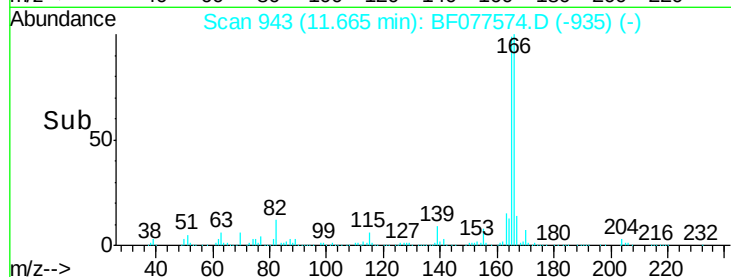
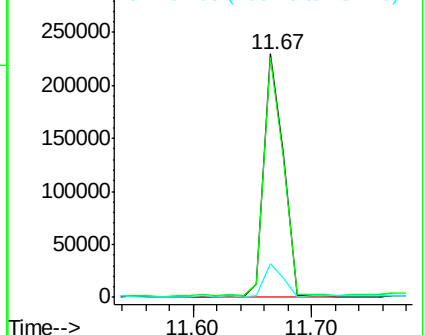
167 13.9 10.6 16.0



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: 22.26 ng

RT: 11.40 min Scan# 920

Delta R.T. 0.00 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

Tgt Ion:232 Resp: 61172

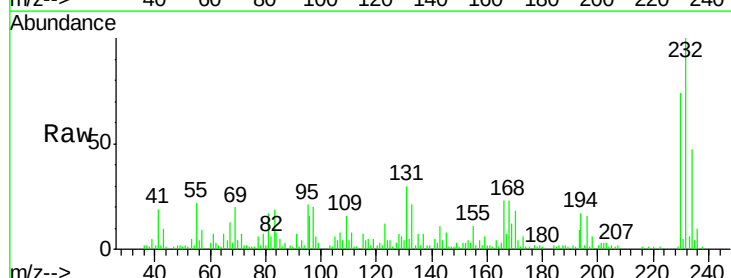
Ion Ratio Lower Upper

232 100

131 45.9 34.2 51.2

130 3.9 1.8 2.6#

166 29.9 24.3 36.5

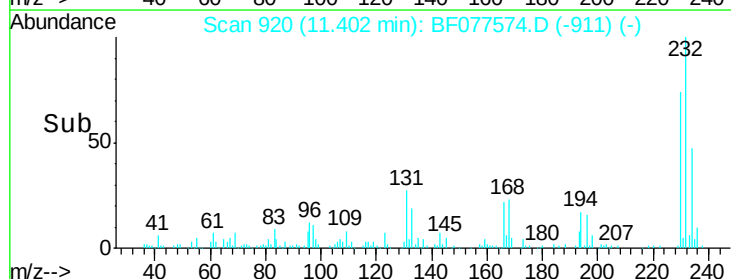
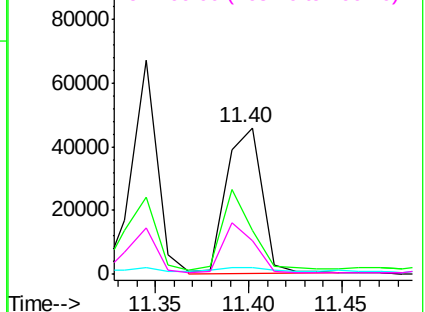


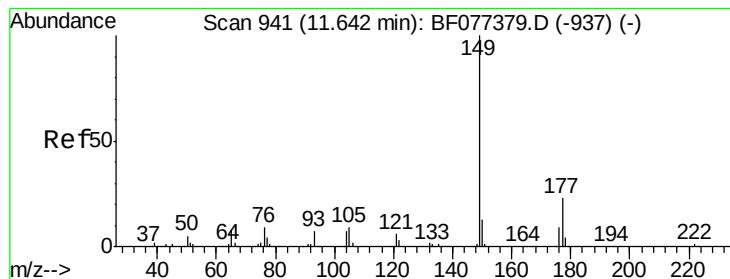
Abundance Ion 232.00 (231.70 to 232.70): E

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: 20.96 ng

RT: 11.55 min Scan# 933

Delta R.T. -0.00 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

Instrument :

BNA_F

ClientSampleId :

VMA-2MSD

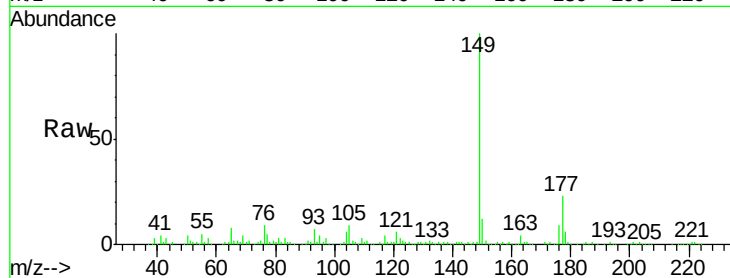
Tgt Ion:149 Resp: 244397

Ion Ratio Lower Upper

149 100

177 22.9 17.2 25.8

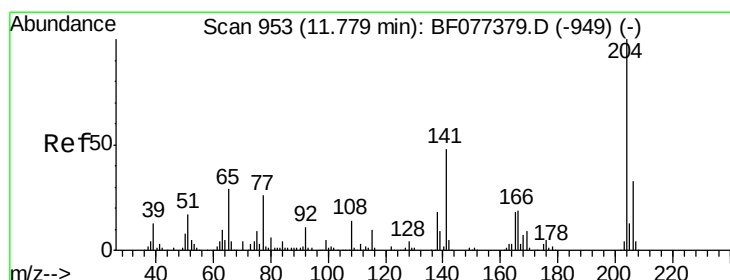
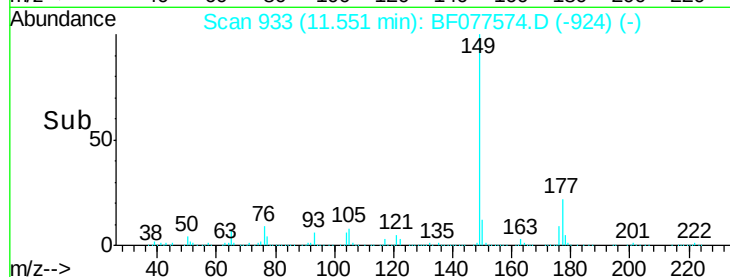
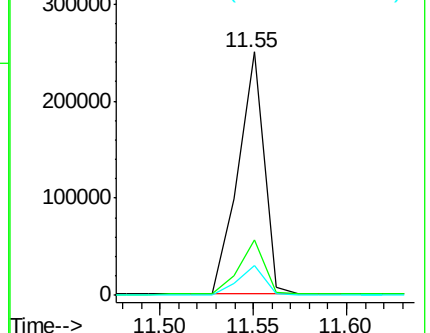
150 12.2 10.5 15.7



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: 20.38 ng

RT: 11.68 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

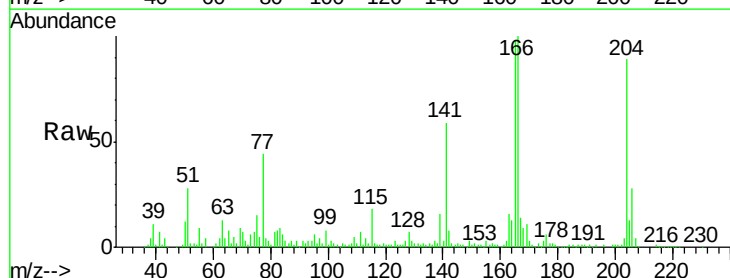
Tgt Ion:204 Resp: 114479

Ion Ratio Lower Upper

204 100

206 31.4 25.9 38.9

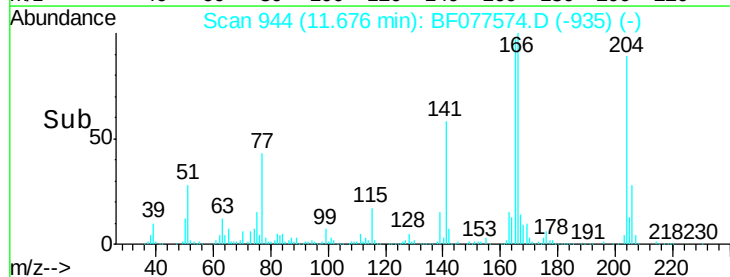
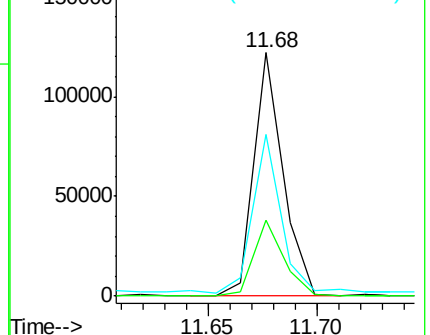
141 66.6 43.6 65.4#

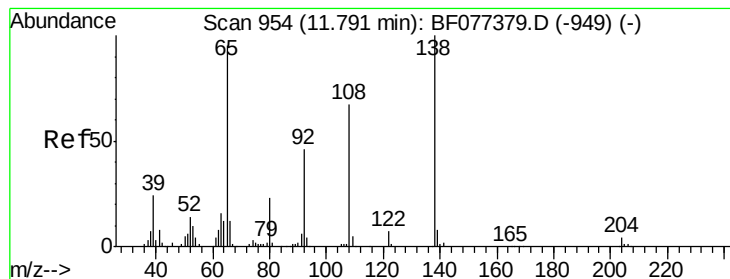


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 21.87 ng

RT: 11.69 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

Instrument :

BNA_F

ClientSampleId :

VMA-2MSD

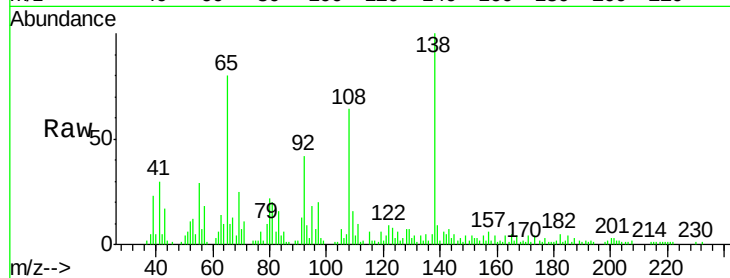
Tgt Ion:138 Resp: 57303

Ion Ratio Lower Upper

138 100

92 41.5 32.8 72.8

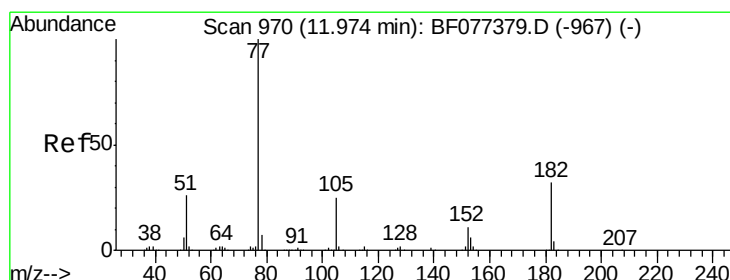
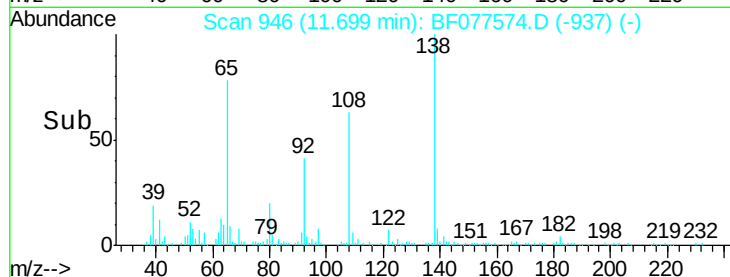
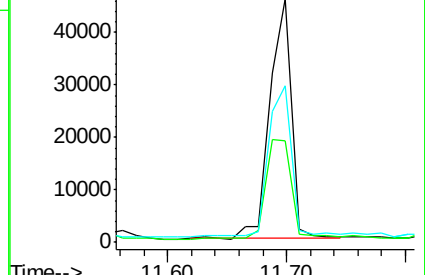
108 64.4 52.1 92.1



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: 21.73 ng

RT: 11.87 min Scan# 961

Delta R.T. 0.00 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

Tgt Ion: 77 Resp: 240389

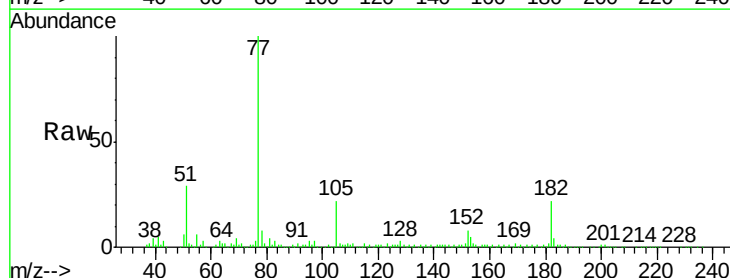
Ion Ratio Lower Upper

77 100

182 22.3 4.9 44.9

105 21.9 3.3 43.3

51 29.1 8.9 48.9

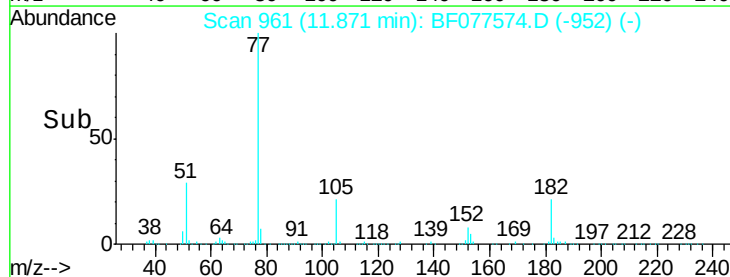
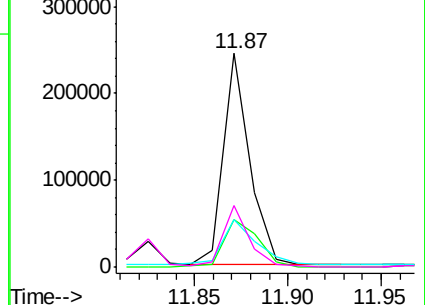


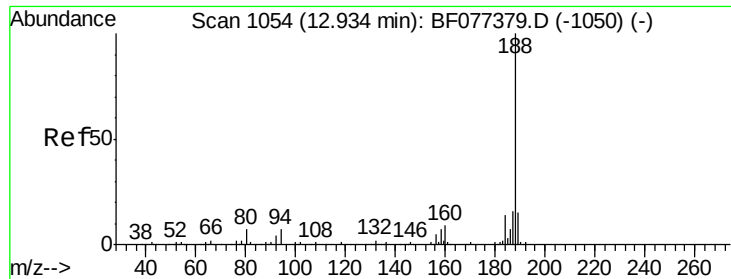
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

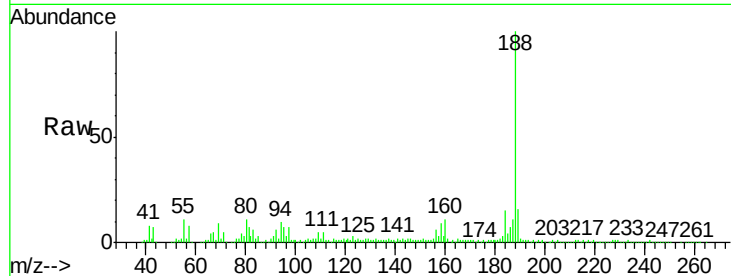




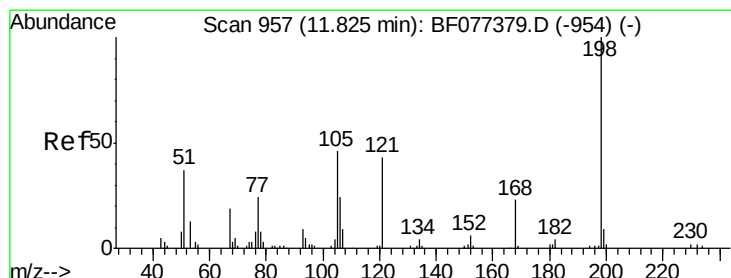
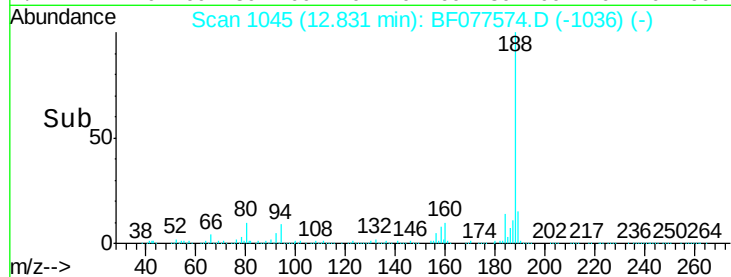
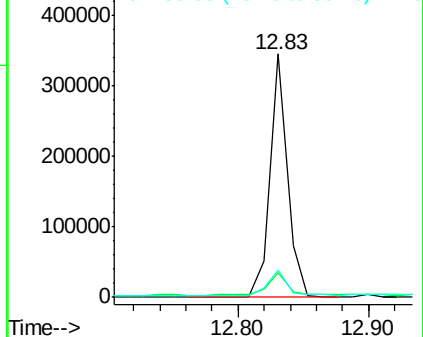
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.83 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

Instrument :
BNA_F
ClientSampleId :
VMA-2MSD

Tgt Ion:188 Resp: 323461
Ion Ratio Lower Upper
188 100
94 10.1 7.4 11.2
80 11.2 8.0 12.0

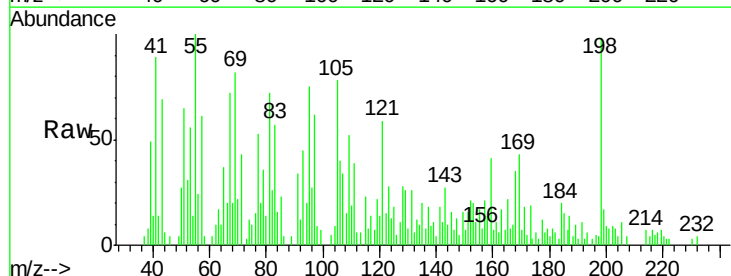


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

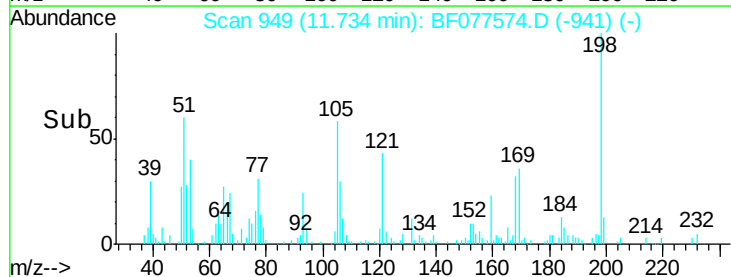
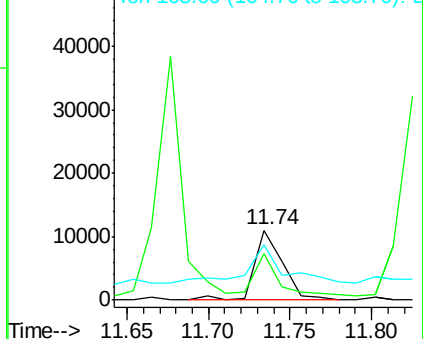


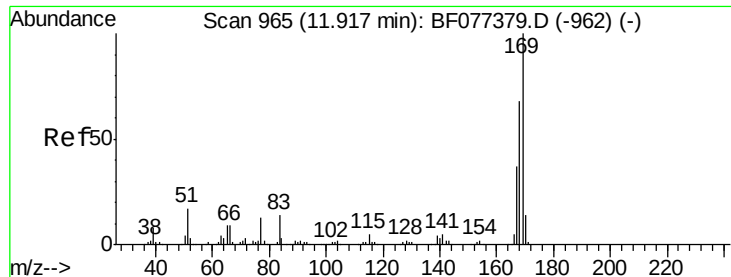
#64
4,6-Dinitro-2-methylphenol
Concen: 13.12 ng
RT: 11.74 min Scan# 949
Delta R.T. -0.00 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

Tgt Ion:198 Resp: 13158
Ion Ratio Lower Upper
198 100
51 66.8 2.7 42.7#
105 79.8 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: 21.83 ng

RT: 11.83 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

Instrument :

BNA_F

ClientSampleId :

VMA-2MSD

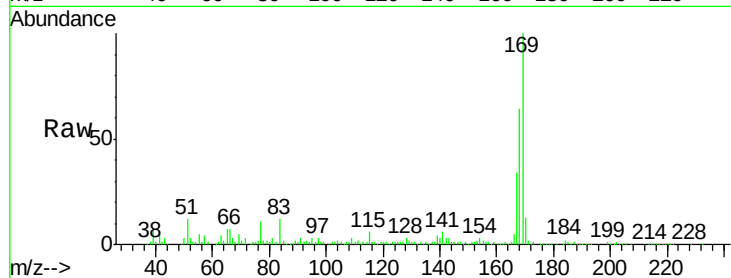
Tgt Ion:169 Resp: 234283

Ion Ratio Lower Upper

169 100

168 63.9 53.0 79.6

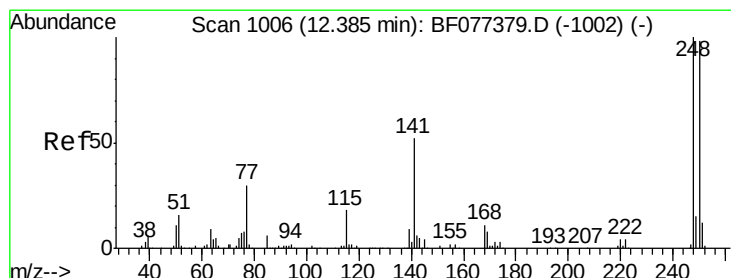
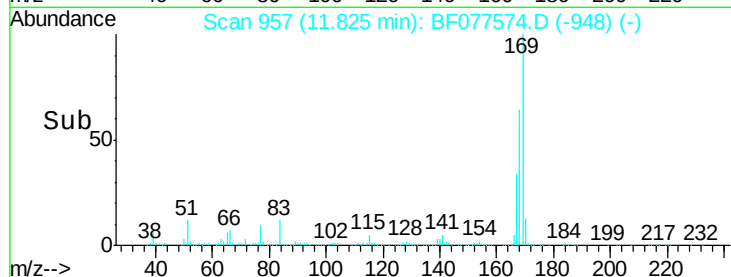
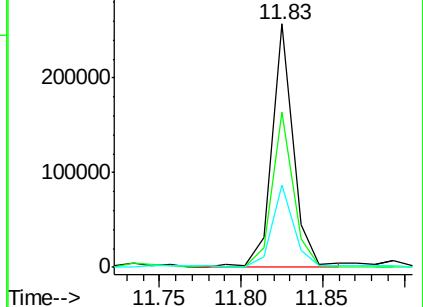
167 34.0 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 21.35 ng

RT: 12.28 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

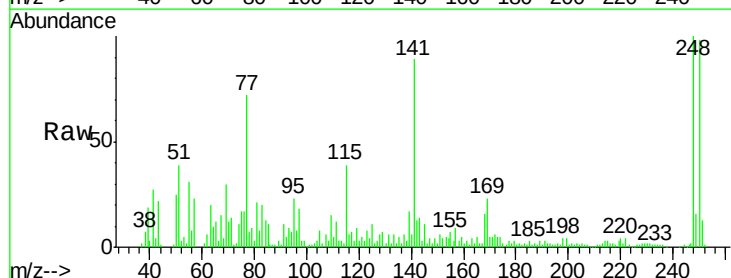
Tgt Ion:248 Resp: 80852

Ion Ratio Lower Upper

248 100

250 98.3 78.0 117.0

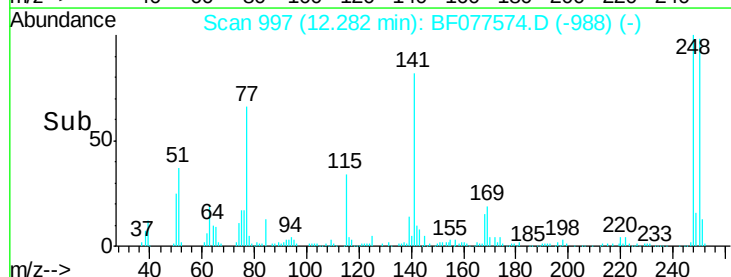
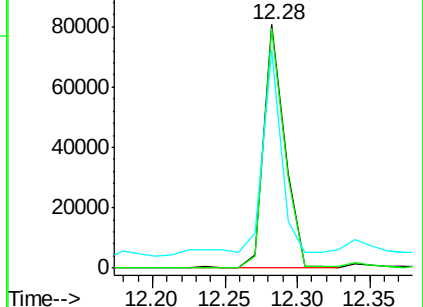
141 89.4 54.1 81.1#

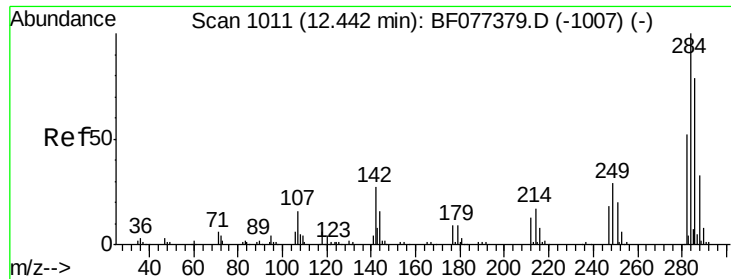


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

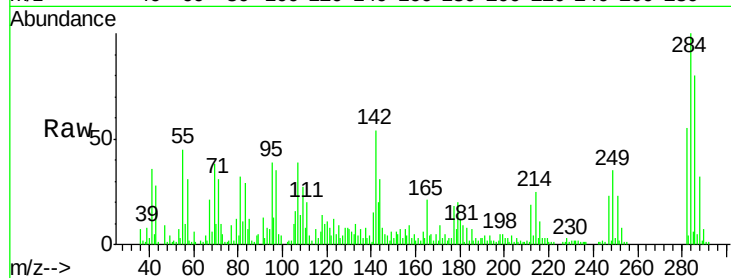




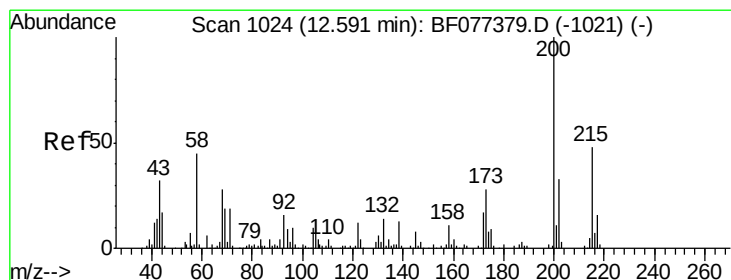
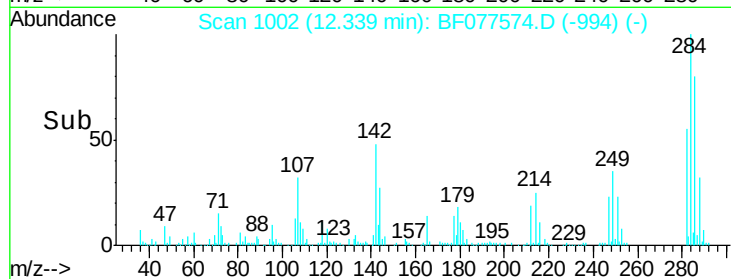
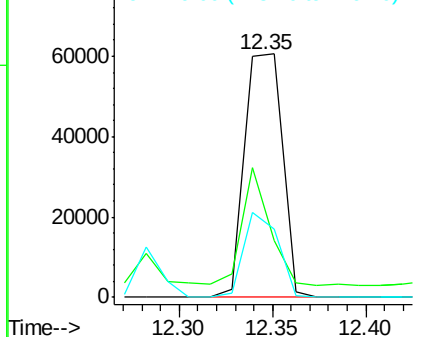
#67
Hexachlorobenzene
Concen: 20.90 ng
RT: 12.35 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

Instrument :
BNA_F
ClientSampleId :
VMA-2MSD

Tgt Ion:284 Resp: 84985
Ion Ratio Lower Upper
284 100
142 53.9 31.6 47.4#
249 35.4 27.0 40.4

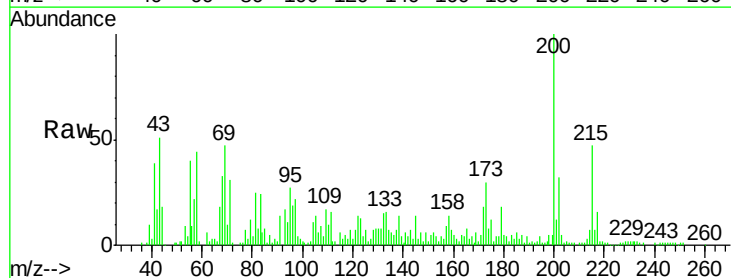


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

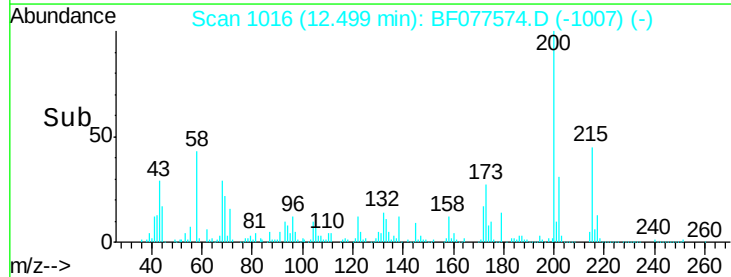
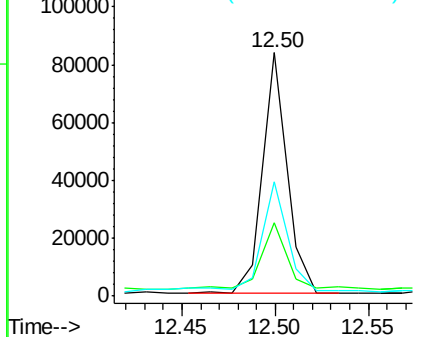


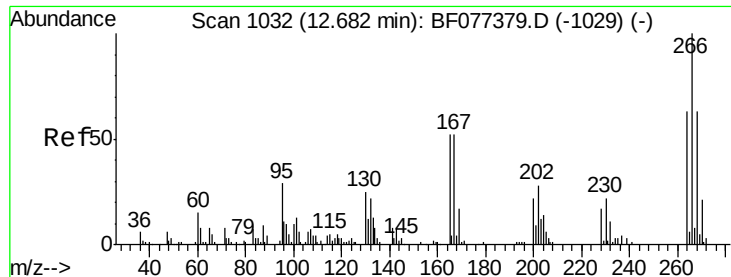
#68
Atrazine
Concen: 21.62 ng
RT: 12.50 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

Tgt Ion:200 Resp: 75426
Ion Ratio Lower Upper
200 100
173 29.9 9.6 49.6
215 47.1 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

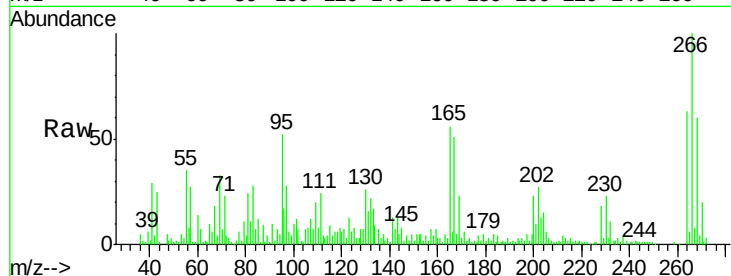




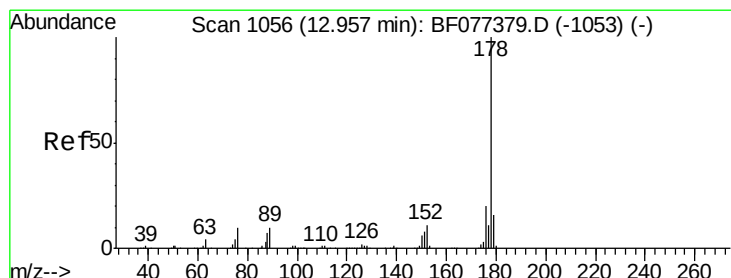
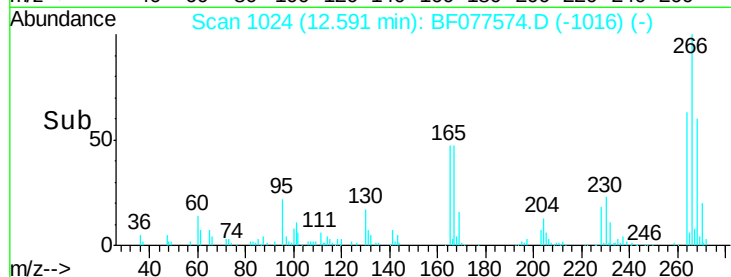
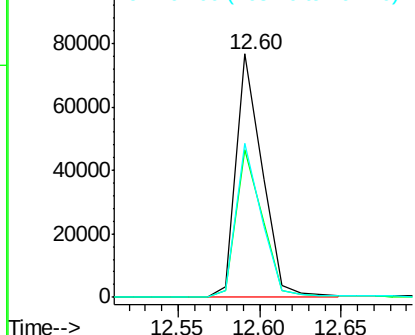
#69
 Pentachlorophenol
 Concen: 39.71 ng
 RT: 12.60 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BF077574.D
 Acq: 4 Mar 2015 5:45

Instrument :
 BNA_F
 ClientSampleId :
 VMA-2MSD

Tgt Ion:266 Resp: 84853
 Ion Ratio Lower Upper
 266 100
 268 60.5 51.2 76.8
 264 63.1 50.7 76.1

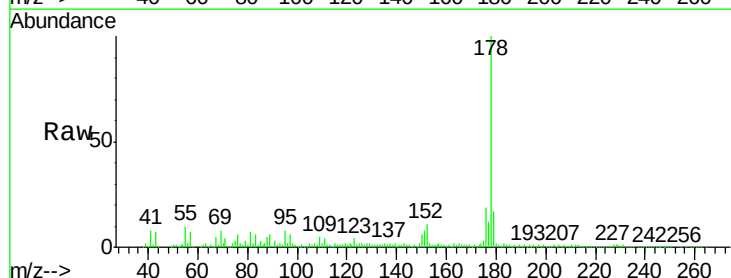


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

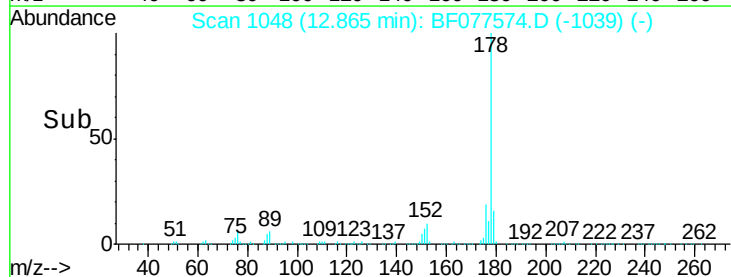
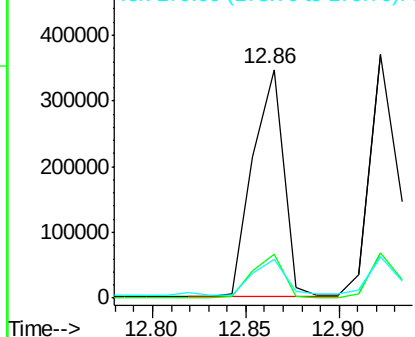


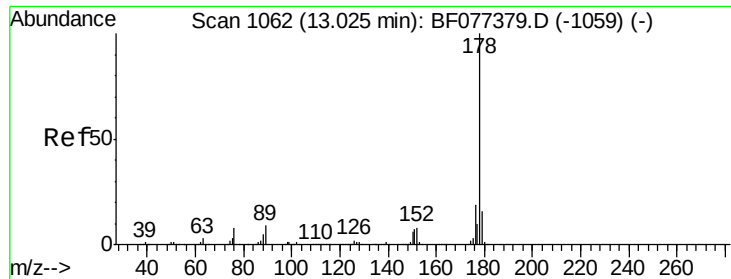
#70
 Phenanthrene
 Concen: 21.12 ng
 RT: 12.86 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: BF077574.D
 Acq: 4 Mar 2015 5:45

Tgt Ion:178 Resp: 395969
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.5 23.3
 179 16.9 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

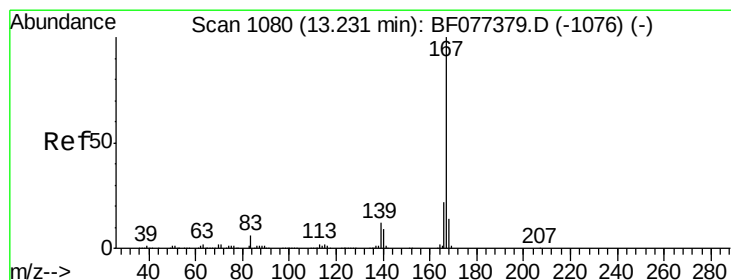
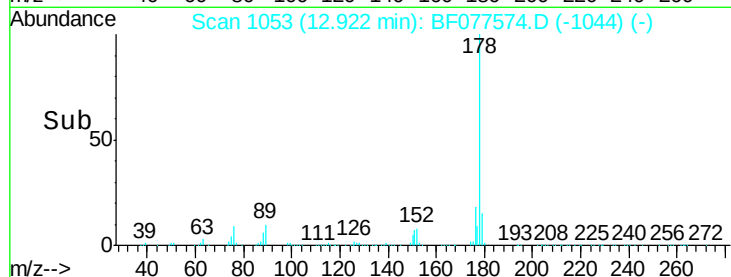
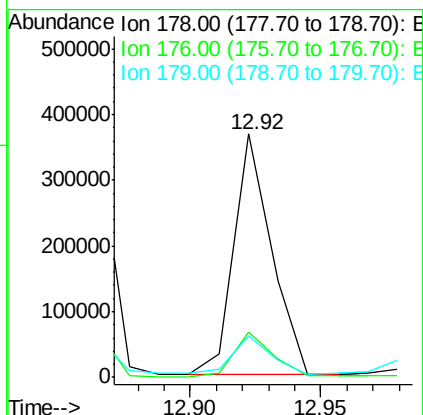
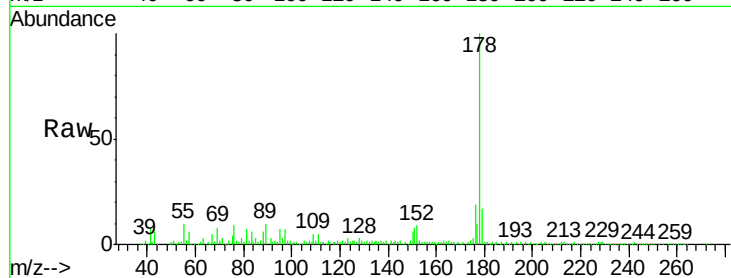




#71
 Anthracene
 Concen: 20.03 ng
 RT: 12.92 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: BF077574.D
 Acq: 4 Mar 2015 5:45

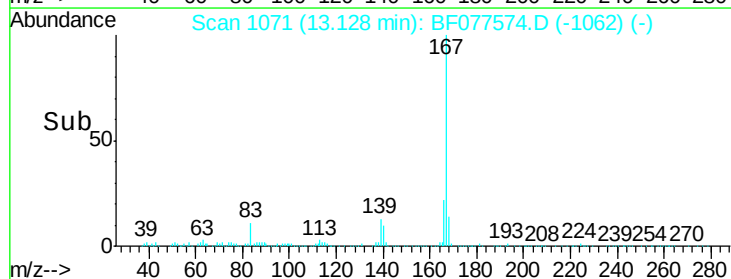
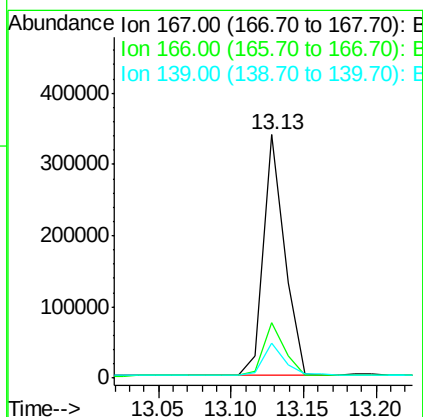
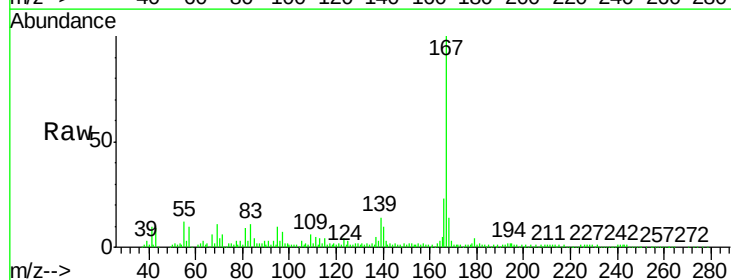
Instrument :
 BNA_F
 ClientSampleId :
 VMA-2MSD

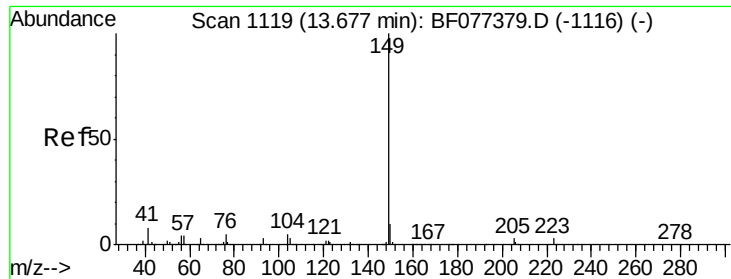
Tgt Ion:178 Resp: 372721
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.4 23.0
 179 17.0 12.9 19.3



#72
 Carbazole
 Concen: 19.39 ng
 RT: 13.13 min Scan# 1071
 Delta R.T. 0.00 min
 Lab File: BF077574.D
 Acq: 4 Mar 2015 5:45

Tgt Ion:167 Resp: 343072
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 14.5 9.9 14.9

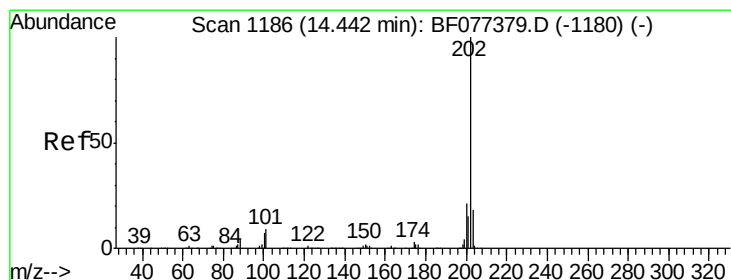
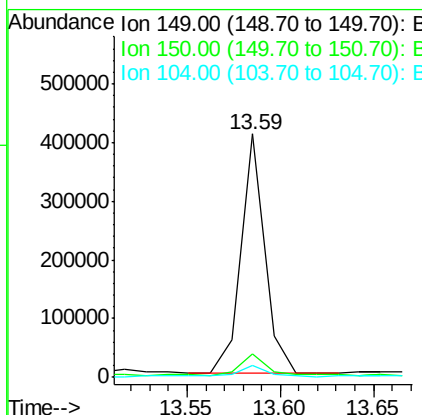
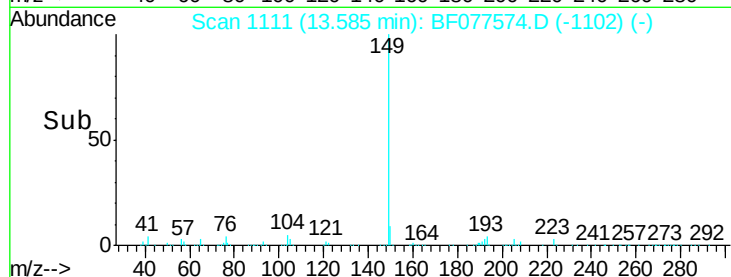
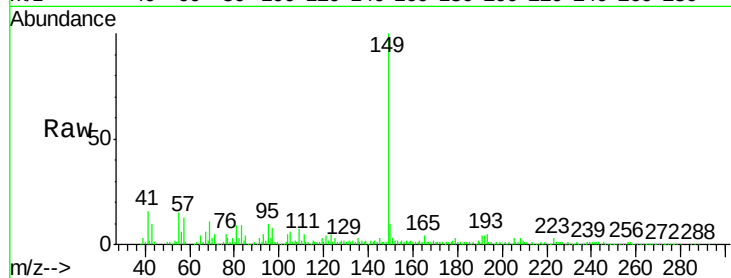




#73
Di-n-butylphthalate
Concen: 17.38 ng
RT: 13.59 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

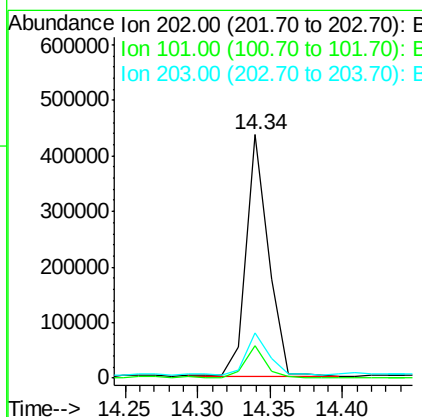
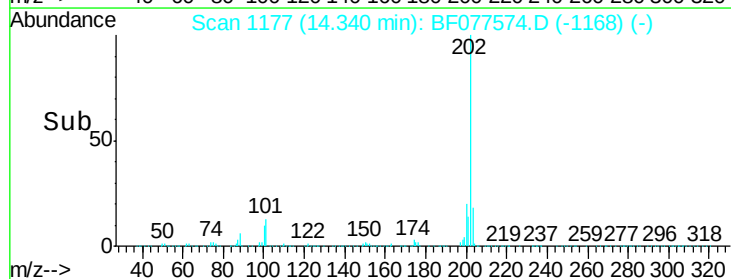
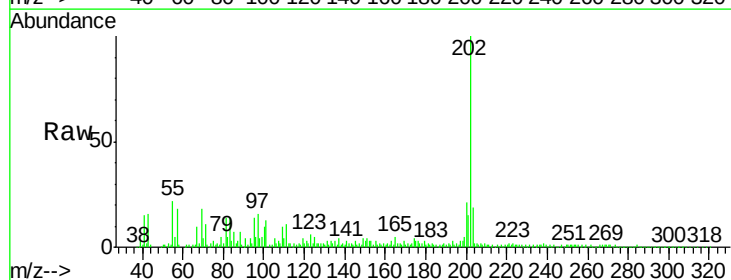
Instrument :
BNA_F
ClientSampleId :
VMA-2MSD

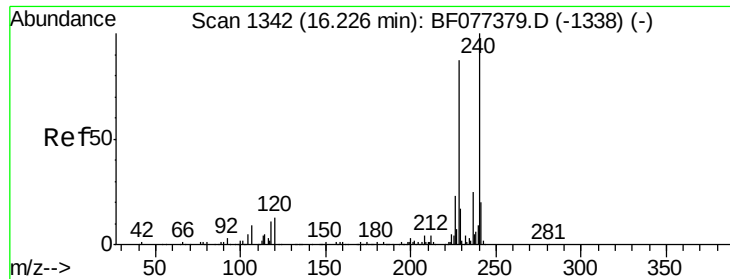
Tgt Ion:149 Resp: 361080
Ion Ratio Lower Upper
149 100
150 9.7 7.8 11.8
104 5.1 4.1 6.1



#74
Fluoranthene
Concen: 22.47 ng
RT: 14.34 min Scan# 1177
Delta R.T. 0.01 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

Tgt Ion:202 Resp: 460105
Ion Ratio Lower Upper
202 100
101 13.1 0.0 30.8
203 18.8 0.0 37.7

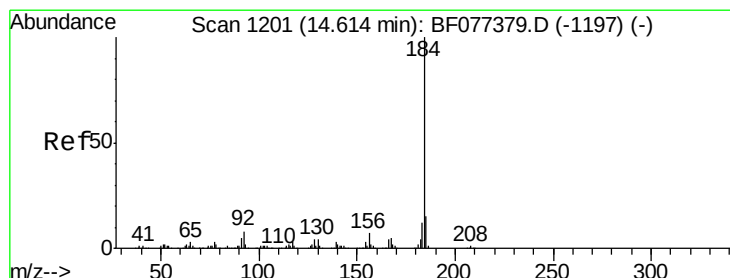
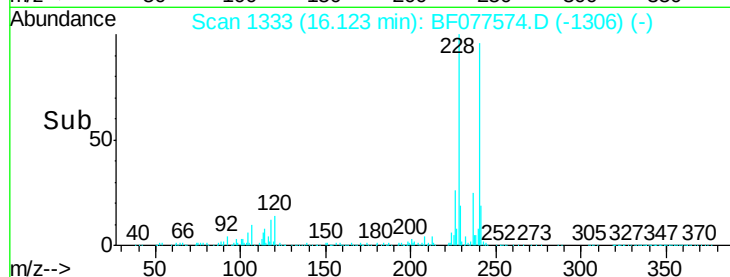
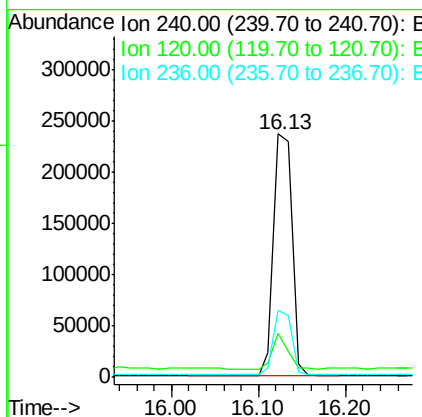
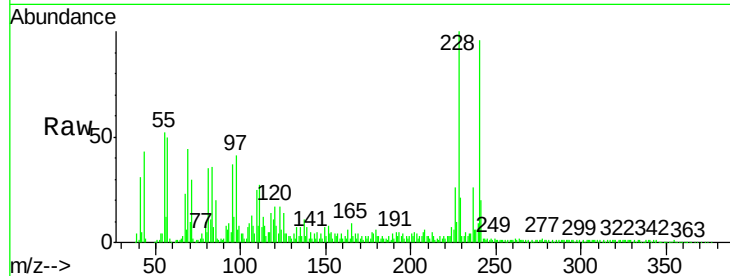




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.13 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

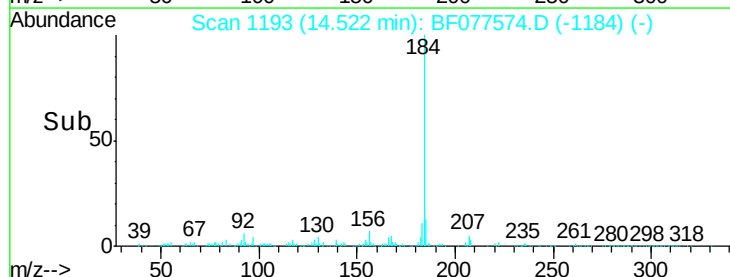
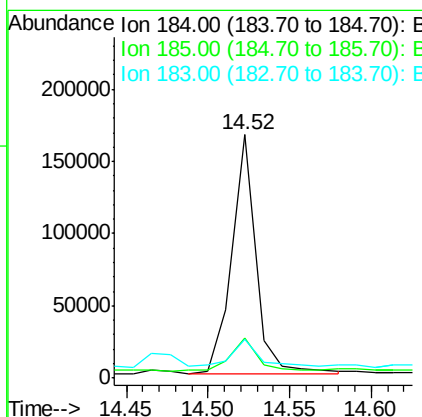
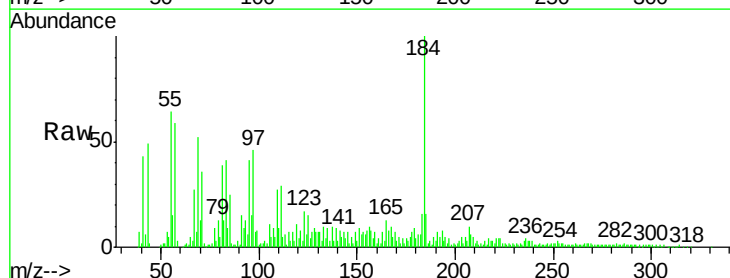
Instrument :
BNA_F
ClientSampleId :
VMA-2MSD

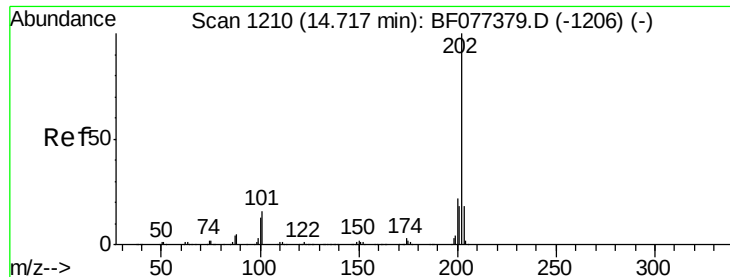
Tgt Ion:240 Resp: 346938
Ion Ratio Lower Upper
240 100
120 18.2 8.8 13.2#
236 27.5 20.7 31.1



#76
Benzidine
Concen: 14.37 ng
RT: 14.52 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

Tgt Ion:184 Resp: 168417
Ion Ratio Lower Upper
184 100
185 16.4 12.6 18.8
183 15.8 9.3 13.9#

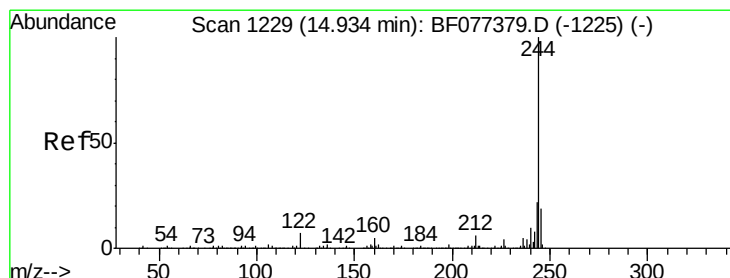
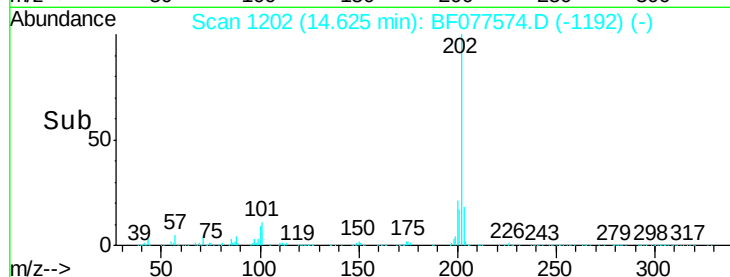
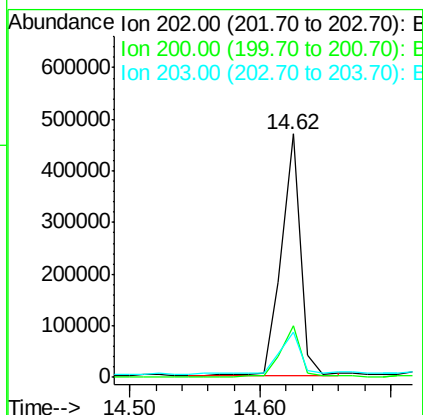
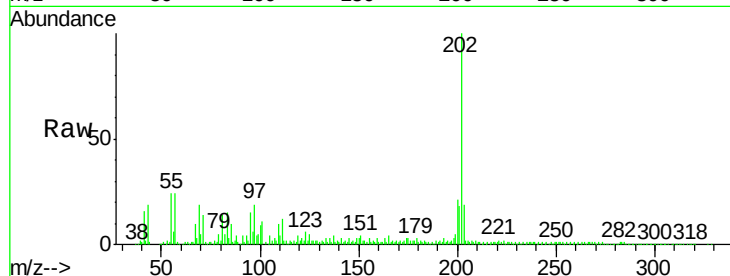




#77
 Pyrene
 Concen: 22.84 ng
 RT: 14.62 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF077574.D
 Acq: 4 Mar 2015 5:45

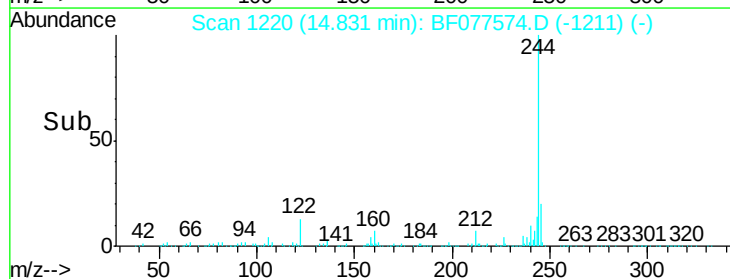
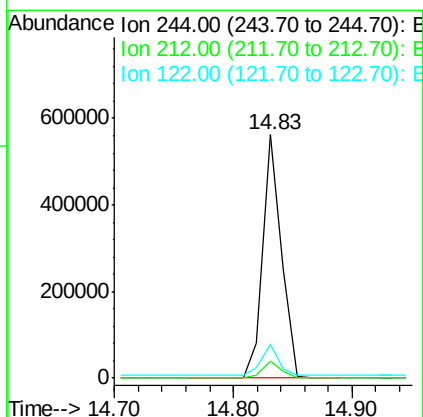
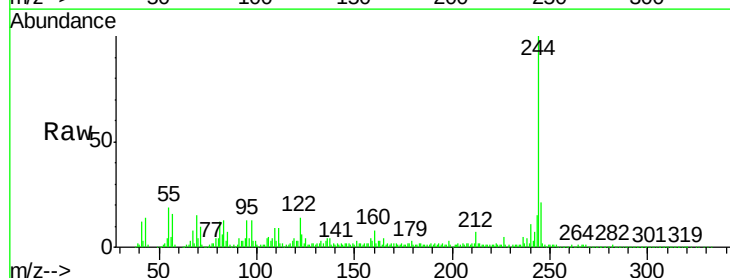
Instrument :
 BNA_F
 ClientSampleId :
 VMA-2MSD

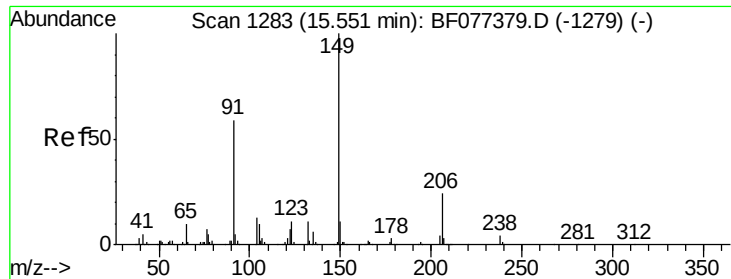
Tgt Ion: 202 Resp: 484787
 Ion Ratio Lower Upper
 202 100
 200 21.3 17.1 25.7
 203 18.8 14.2 21.2



#78
 Terphenyl-d14
 Concen: 41.57 ng
 RT: 14.83 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: BF077574.D
 Acq: 4 Mar 2015 5:45

Tgt Ion: 244 Resp: 616899
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.2 7.8
 122 13.8 7.8 11.8#

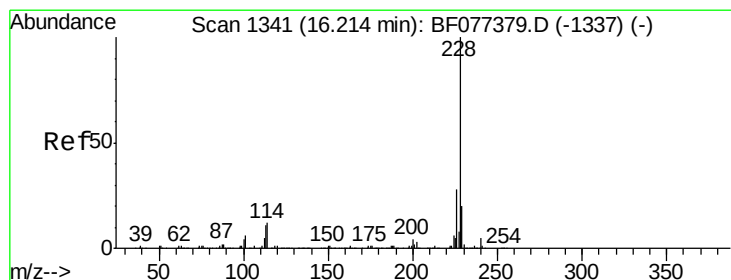
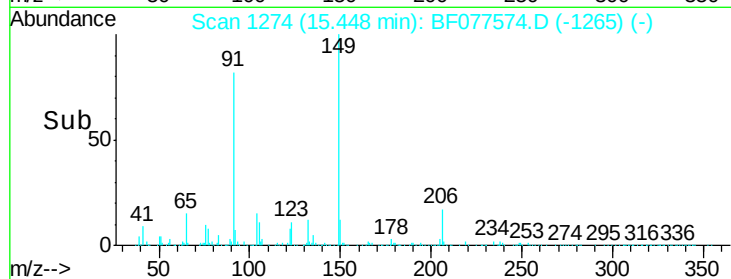
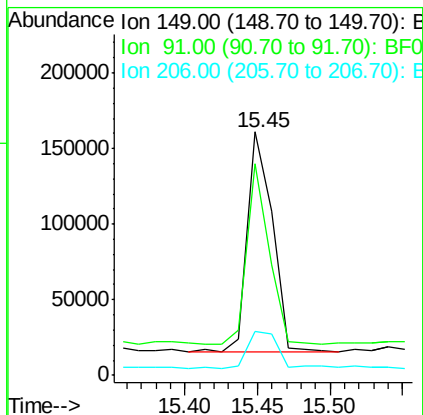
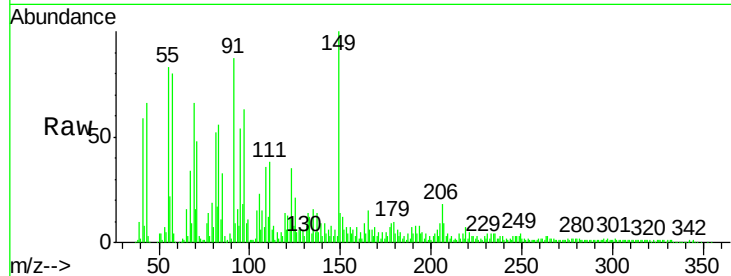




#79
Butylbenzylphthalate
Concen: 19.89 ng
RT: 15.45 min Scan# 1274
Delta R.T. 0.01 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

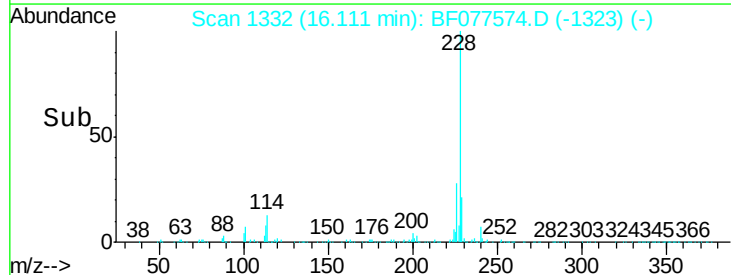
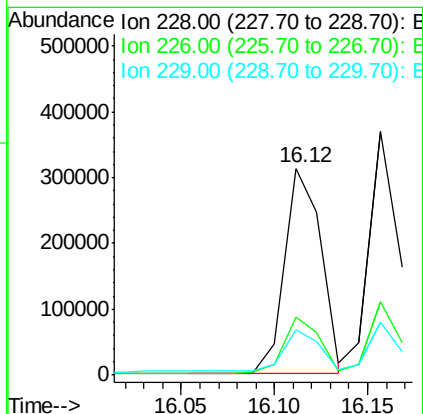
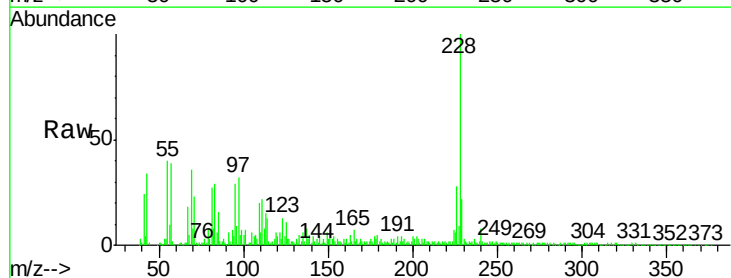
Instrument :
BNA_F
ClientSampleId :
VMA-2MSD

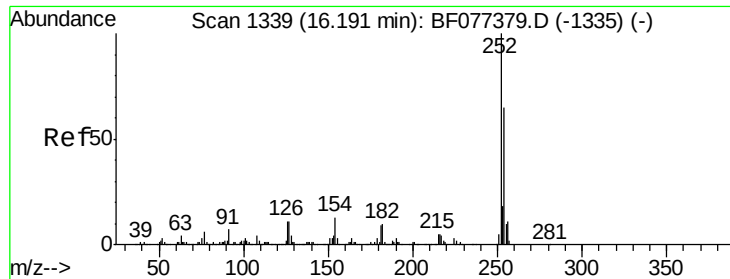
Tgt Ion:149 Resp: 173681
Ion Ratio Lower Upper
149 100
91 86.9 51.2 76.8#
206 18.3 17.8 26.8



#80
Benzo(a)anthracene
Concen: 20.86 ng
RT: 16.12 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

Tgt Ion:228 Resp: 424148
Ion Ratio Lower Upper
228 100
226 28.3 22.0 33.0
229 21.9 15.8 23.8

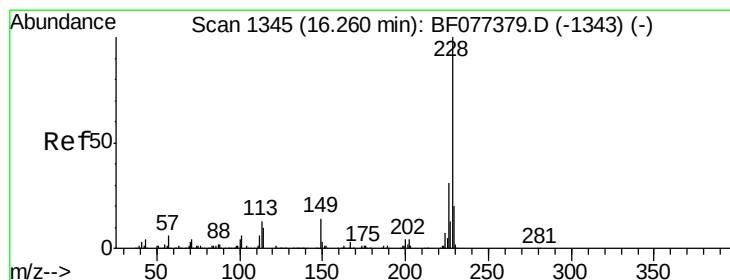
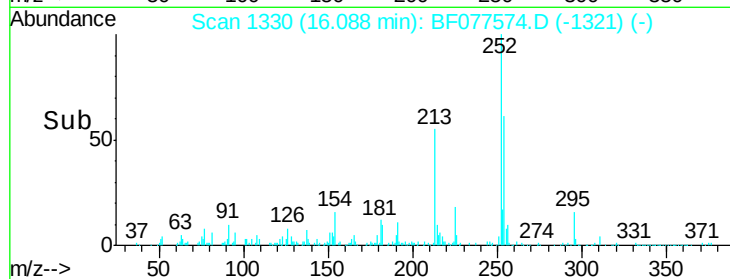
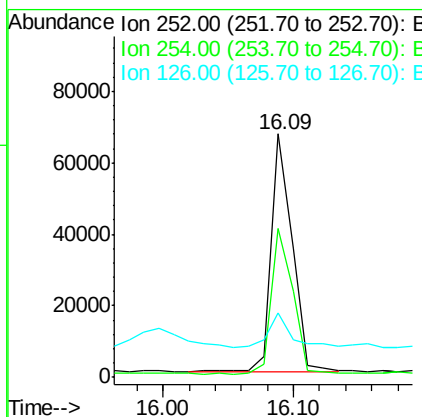
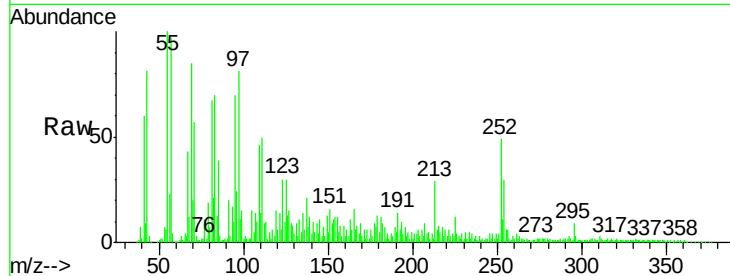




#81
 3,3'-Dichlorobenzidine
 Concen: 10.06 ng
 RT: 16.09 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: BF077574.D
 Acq: 4 Mar 2015 5:45

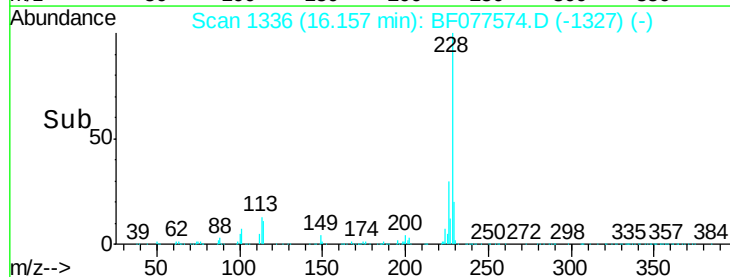
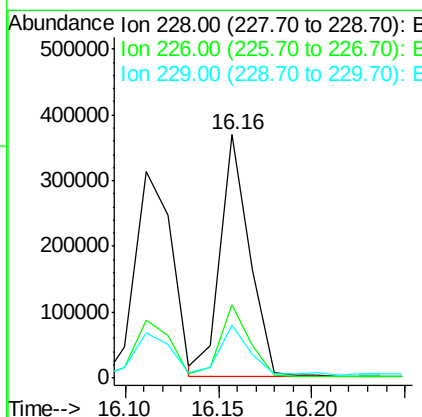
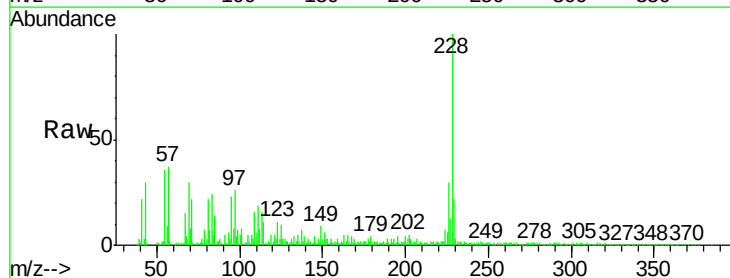
Instrument :
 BNA_F
 ClientSampleId :
 VMA-2MSD

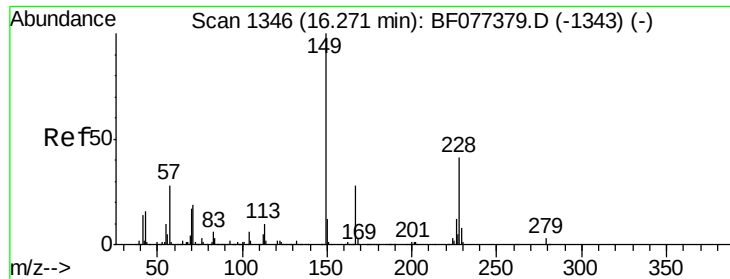
Tgt Ion	Ratio	Lower	Upper
252	100		
254	60.9	52.9	79.3
126	26.3	7.3	10.9



#82
 Chrysene
 Concen: 20.96 ng
 RT: 16.16 min Scan# 1336
 Delta R.T. 0.01 min
 Lab File: BF077574.D
 Acq: 4 Mar 2015 5:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.9	37.3
229	21.6	16.4	24.6

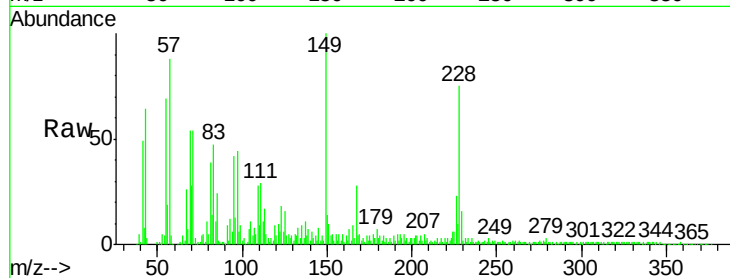




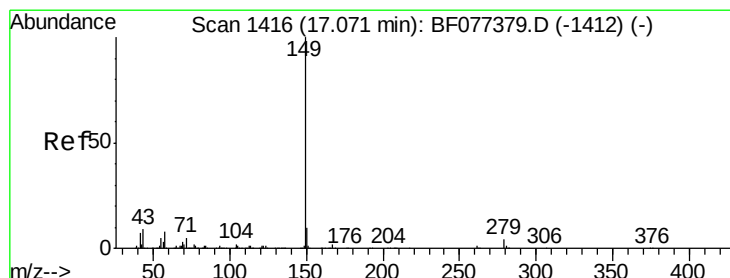
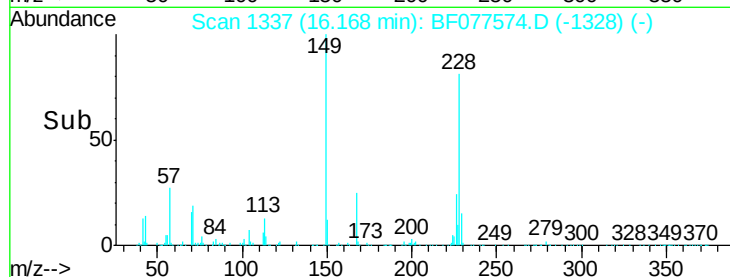
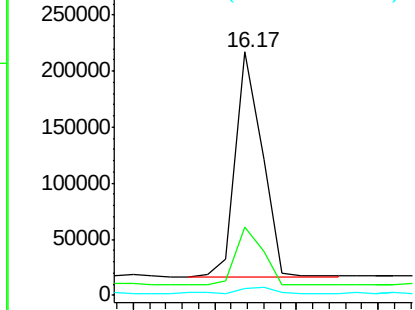
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 16.18 ng
 RT: 16.17 min Scan# 1337
 Delta R.T. 0.01 min
 Lab File: BF077574.D
 Acq: 4 Mar 2015 5:45

Instrument :
 BNA_F
 ClientSampleId :
 VMA-2MSD

Tgt Ion:149 Resp: 226544
 Ion Ratio Lower Upper
 149 100
 167 27.8 22.8 34.2
 279 2.9 3.8 5.6#

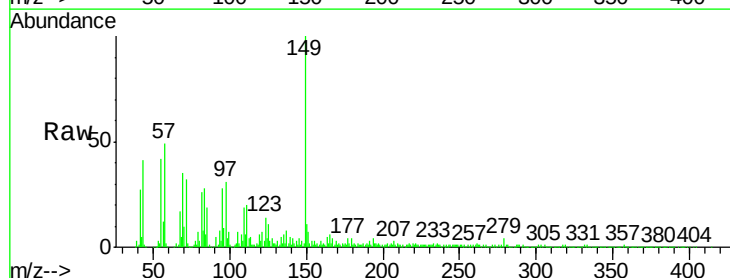


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

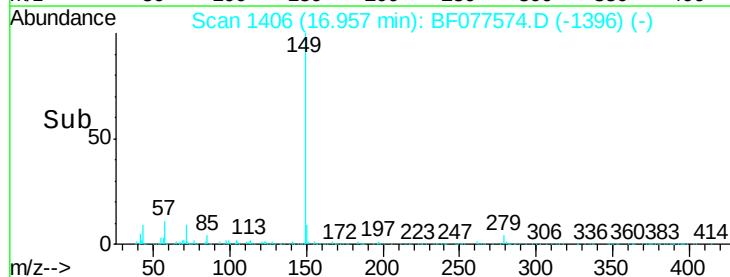
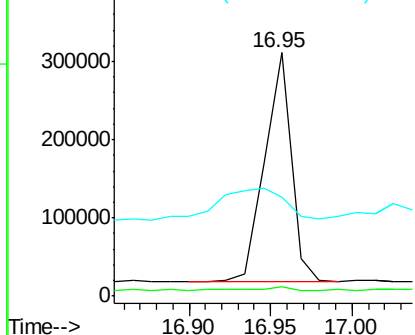


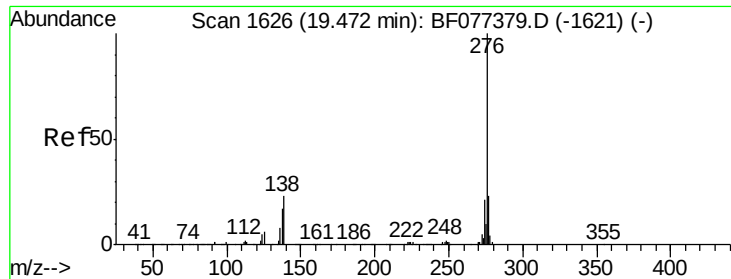
#84
 Di-n-octyl phthalate
 Concen: 14.43 ng
 RT: 16.95 min Scan# 1406
 Delta R.T. 0.01 min
 Lab File: BF077574.D
 Acq: 4 Mar 2015 5:45

Tgt Ion:149 Resp: 337197
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.3 1.9
 43 35.3 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

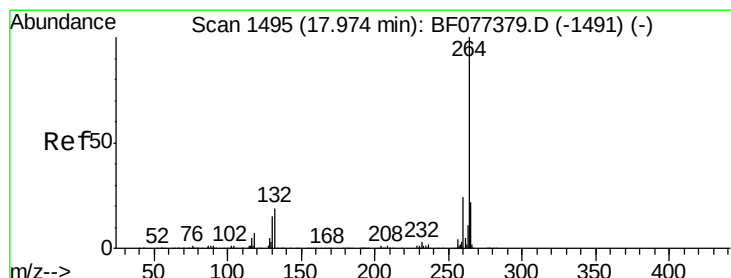
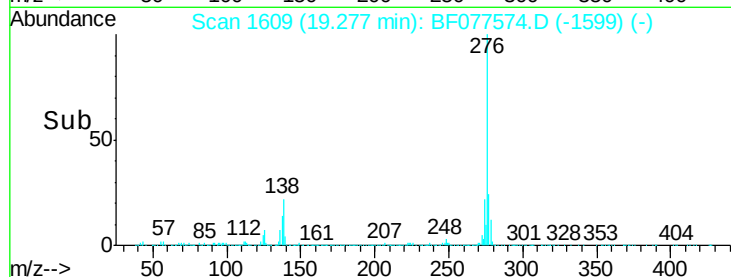
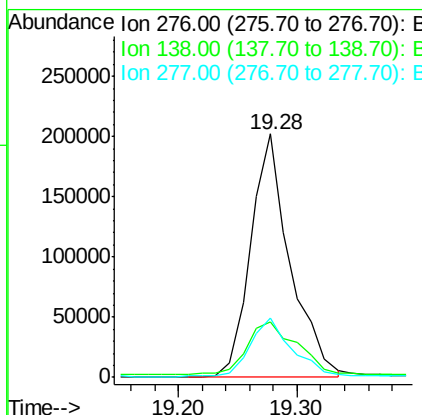
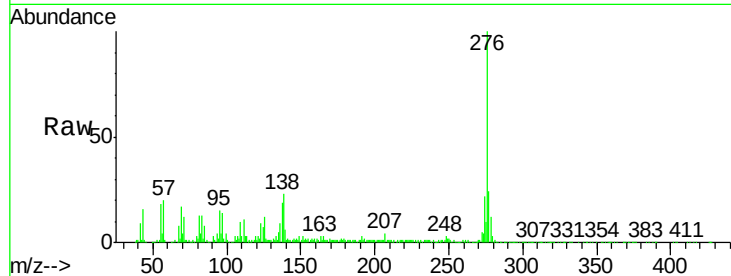




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 21.23 ng
 RT: 19.28 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BF077574.D
 Acq: 4 Mar 2015 5:45

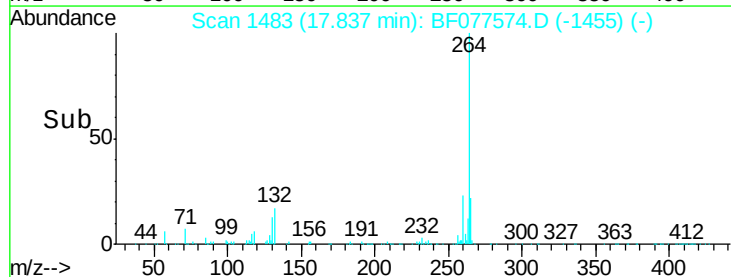
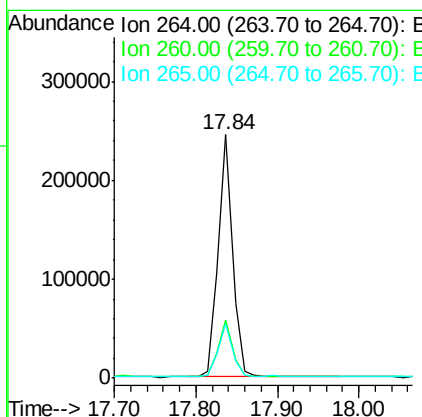
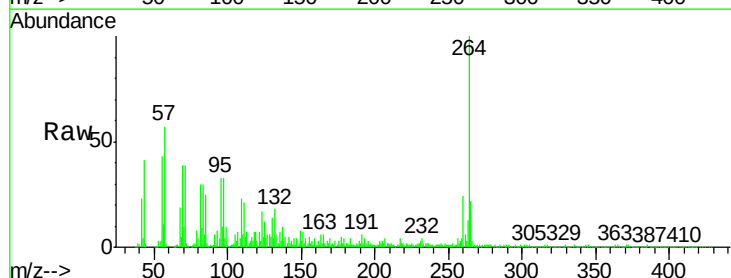
Instrument :
 BNA_F
 ClientSampleId :
 VMA-2MSD

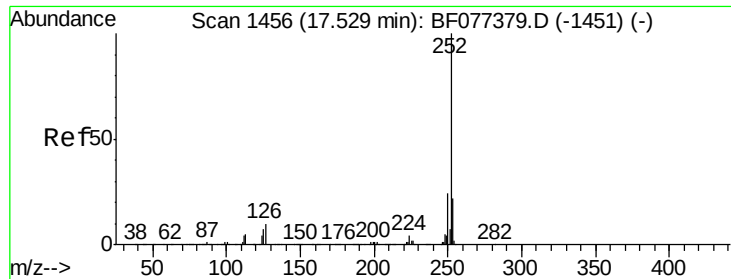
Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.0	21.2	31.8
277	25.1	20.0	30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.84 min Scan# 1483
 Delta R.T. 0.02 min
 Lab File: BF077574.D
 Acq: 4 Mar 2015 5:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.3	28.9
265	22.4	16.8	25.2

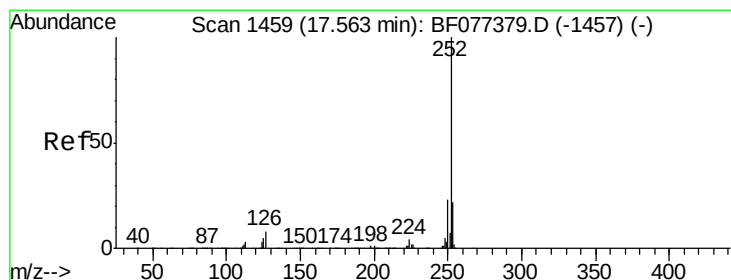
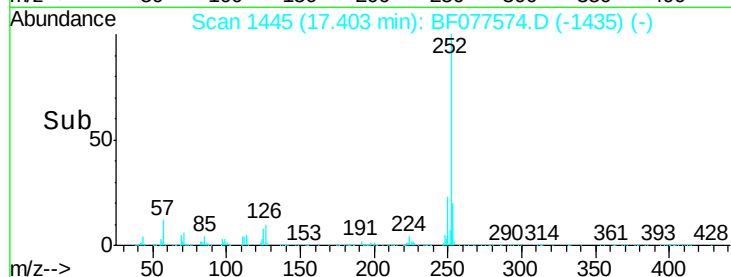
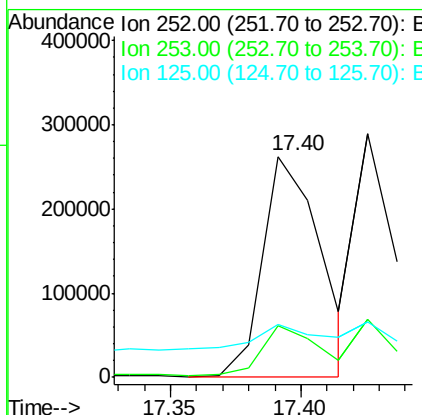
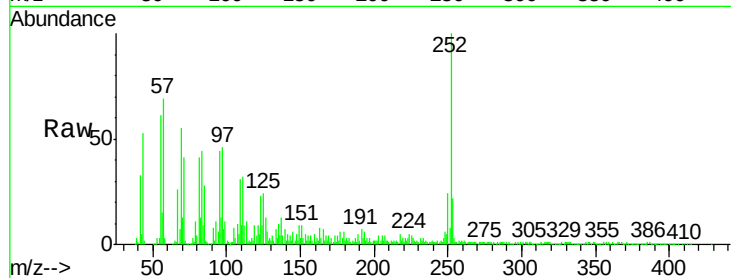




#87
Benzo(b)fluoranthene
Concen: 22.77 ng
RT: 17.40 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

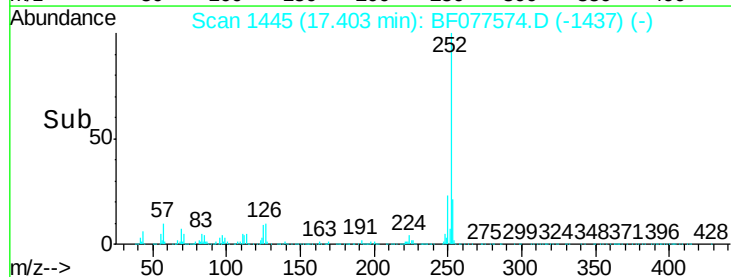
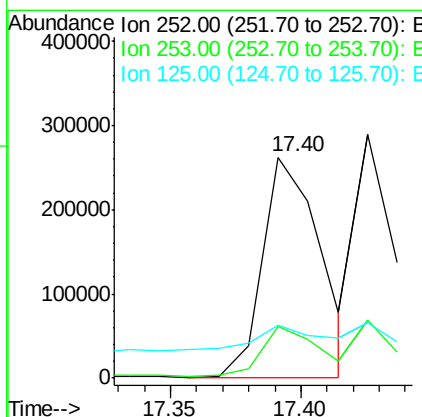
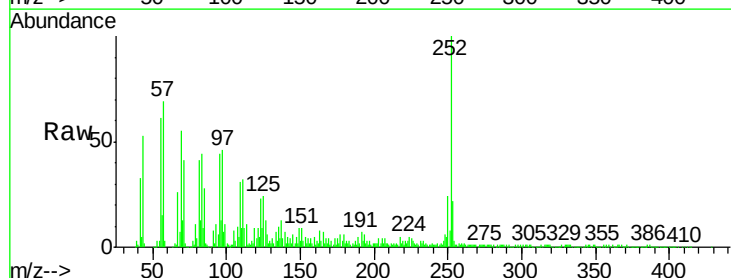
Instrument :
BNA_F
ClientSampleId :
VMA-2MSD

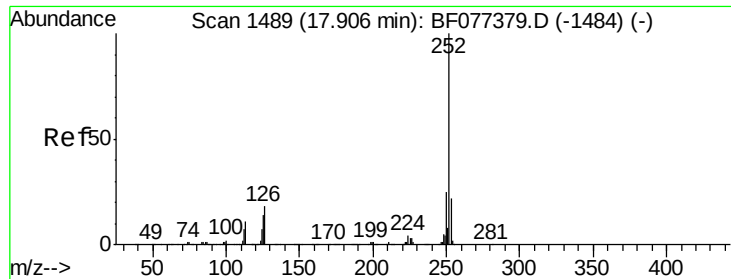
Tgt Ion:252 Resp: 401264
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 24.2 5.4 8.2#



#88
Benzo(k)fluoranthene
Concen: 23.23 ng
RT: 17.40 min Scan# 1445
Delta R.T. -0.02 min
Lab File: BF077574.D
Acq: 4 Mar 2015 5:45

Tgt Ion:252 Resp: 401264
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 24.2 10.1 15.1#





#89

Benzo(a)pyrene

Concen: 21.03 ng

RT: 17.77 min Scan# 1477

Delta R.T. 0.02 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

Instrument :

BNA_F

ClientSampleId :

VMA-2MSD

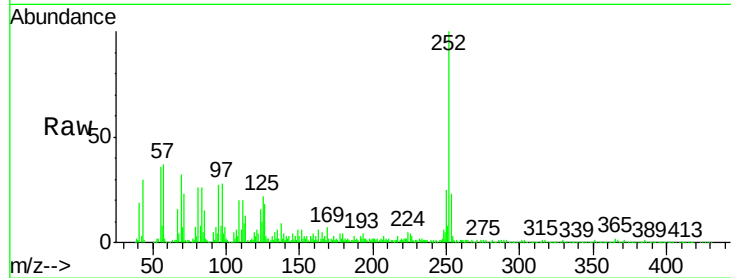
Tgt Ion:252 Resp: 352906

Ion Ratio Lower Upper

252 100

253 23.4 18.2 27.2

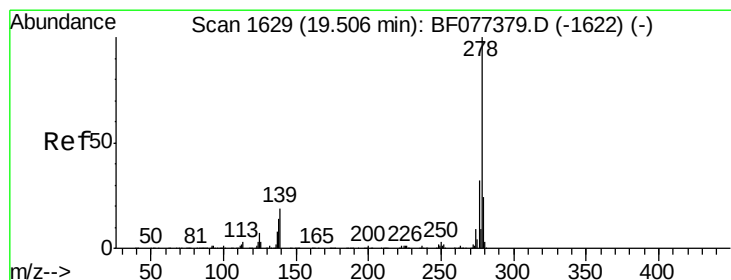
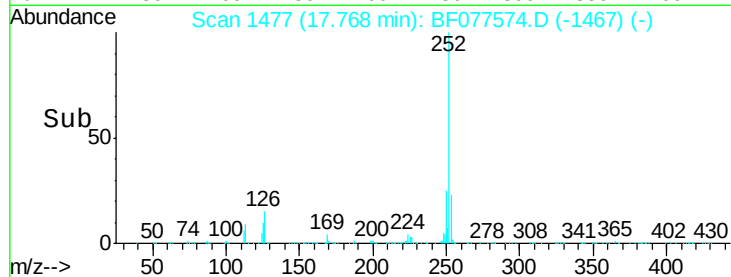
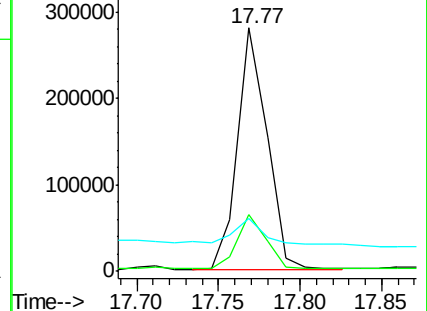
125 21.9 8.3 12.5#



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: 22.36 ng

RT: 19.30 min Scan# 1611

Delta R.T. 0.02 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

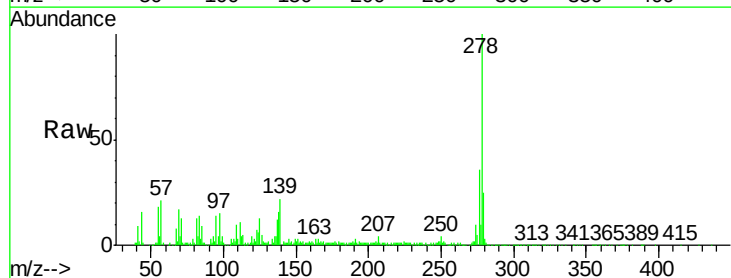
Tgt Ion:278 Resp: 357972

Ion Ratio Lower Upper

278 100

139 21.8 14.3 21.5#

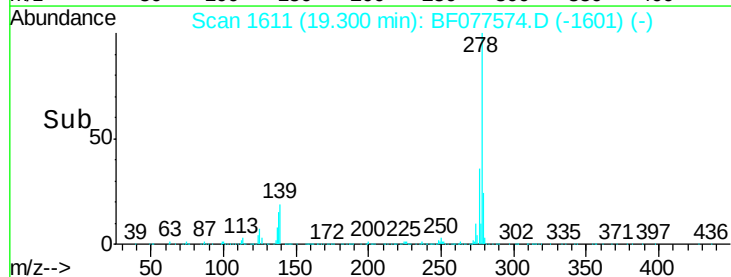
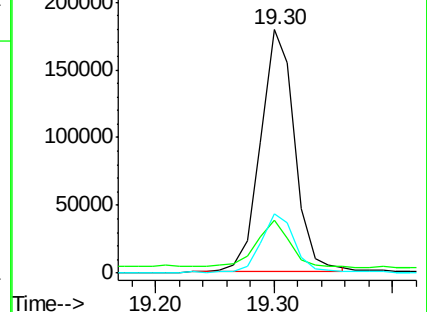
279 24.5 19.0 28.6

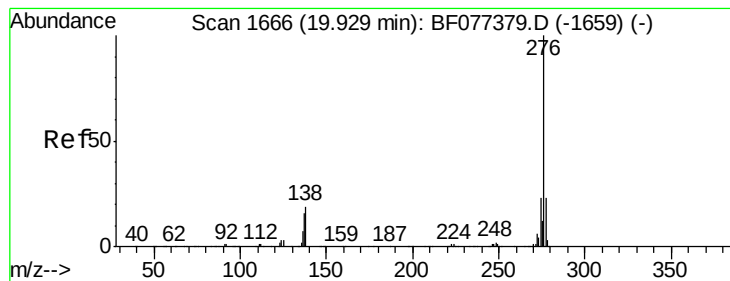


Abundance Ion 278.00 (277.70 to 278.70): E

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: 21.58 ng

RT: 19.70 min Scan# 1646

Delta R.T. 0.02 min

Lab File: BF077574.D

Acq: 4 Mar 2015 5:45

Instrument :

BNA_F

ClientSampleId :

VMA-2MSD

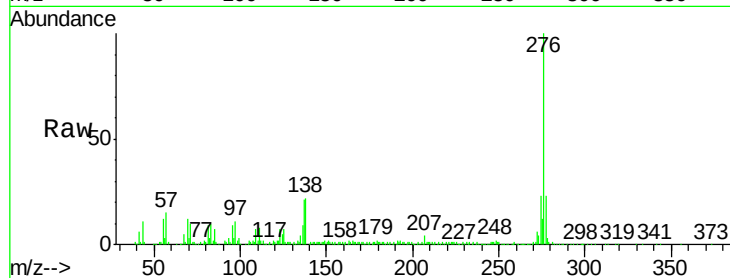
Tgt Ion: 276 Resp: 348658

Ion Ratio Lower Upper

276 100

277 23.3 18.9 28.3

138 22.4 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

