

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030315\
 Data File : BF077573.D
 Acq On : 4 Mar 2015 5:16
 Operator : TP/IZ
 Sample : G1332-02MS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VMA-2MS

Quant Time: Mar 04 07:03:25 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	90053	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	362166	20.00	ng	0.00
38) Acenaphthene-d10	10.99	164	193048	20.00	ng	0.00
63) Phenanthrene-d10	12.83	188	367384	20.00	ng	0.00
75) Chrysene-d12	16.12	240	374001	20.00	ng	0.00
86) Perylene-d12	17.81	264	376987	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	425019	78.79	ng	0.00
7) Phenol-d6	6.80	99	526029	75.84	ng	0.00
23) Nitrobenzene-d5	7.93	82	314894	54.07	ng	0.00
41) 2,4,6-Tribromophenol	11.97	330	141884	76.33	ng	0.00
44) 2-Fluorobiphenyl	10.16	172	638884	51.60	ng	0.00
78) Terphenyl-d14	14.83	244	752244	47.02	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.18	88	49661	21.70	ng	98
3) Pyridine	2.93	79	126119	19.26	ng	95
4) n-Nitrosodimethylamine	2.83	42	67163	23.59	ng	97
6) Aniline	6.82	93	85137	8.88	ng	99
8) 2-Chlorophenol	6.97	128	155995	24.51	ng	94
9) Benzaldehyde	6.68	77	28188	6.69	ng	95
10) Phenol	6.82	94	196038	23.82	ng	84
11) bis(2-Chloroethyl)ether	6.93	93	132523	22.41	ng	87
12) 1,3-Dichlorobenzene	7.16	146	161718	23.34	ng	# 90
13) 1,4-Dichlorobenzene	7.26	146	163050	23.13	ng	96
14) 1,2-Dichlorobenzene	7.44	146	156419	23.33	ng	96
15) Benzyl Alcohol	7.42	79	122022	23.14	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.60	45	191696	22.68	ng	96
17) 2-Methylphenol	7.56	107	119290	23.98	ng	96
18) Hexachloroethane	7.86	117	55053	23.38	ng	92
19) n-Nitroso-di-n-propylamine	7.75	70	103479	23.49	ng	92
20) 3+4-Methylphenols	7.76	107	153642	23.45	ng	# 75
22) Acetophenone	7.74	105	211020	24.77	ng	# 87
24) Nitrobenzene	7.95	77	153311	25.02	ng	88
25) Isophorone	8.25	82	269019	23.28	ng	# 93
26) 2-Nitrophenol	8.35	139	66540	26.50	ng	# 84
27) 2,4-Dimethylphenol	8.41	122	131630	23.43	ng	98
28) bis(2-Chloroethoxy)methane	8.53	93	169888	23.27	ng	99
29) 2,4-Dichlorophenol	8.64	162	123090	23.34	ng	100
30) 1,2,4-Trichlorobenzene	8.75	180	130722	22.54	ng	96
31) Naphthalene	8.84	128	442214	24.42	ng	99
32) Benzoic acid	8.50	122	64247	23.53	ng	99
33) 4-Chloroaniline	8.92	127	75606	9.39	ng	# 90
34) Hexachlorobutadiene	9.00	225	72276	21.83	ng	97
35) Caprolactam	9.34	113	38190	23.72	ng	97
36) 4-Chloro-3-methylphenol	9.52	107	125381	23.65	ng	88
37) 2-Methylnaphthalene	9.70	142	301591	23.45	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.91	216	131901	23.81	ng	99
40) Hexachlorocyclopentadiene	9.89	237	86277	29.05	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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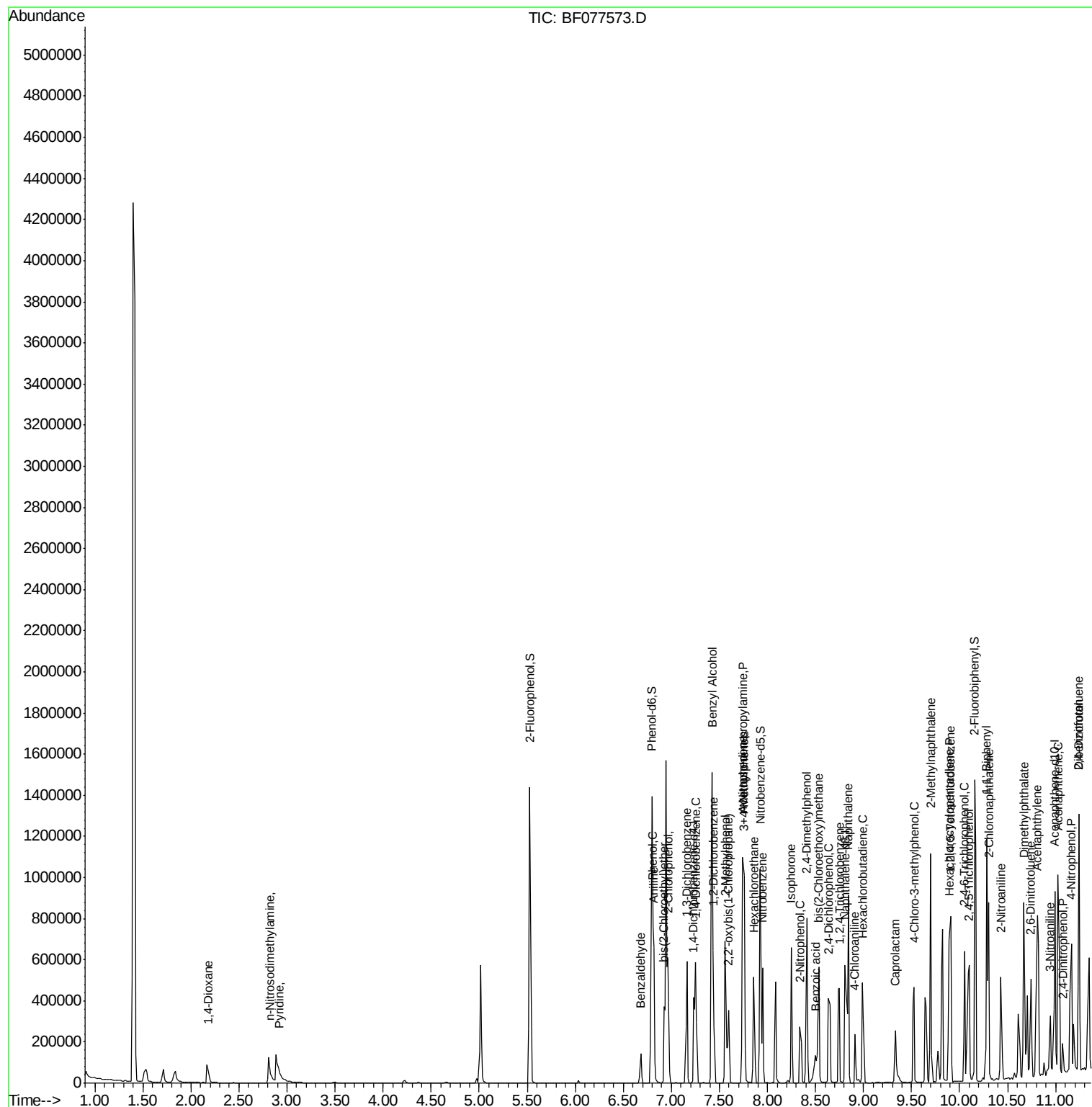
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.05	196	90414	24.65	ng	95
43) 2,4,5-Trichlorophenol	10.10	196	99410	25.34	ng	98
45) 1,1'-Biphenyl	10.28	154	351092	24.01	ng	98
46) 2-Chloronaphthalene	10.30	162	286295	24.96	ng	95
47) 2-Nitroaniline	10.43	65	78973	27.97	ng	90
48) Acenaphthylene	10.81	152	444487	24.48	ng	100
49) Dimethylphthalate	10.67	163	338534	24.95	ng	99
50) 2,6-Dinitrotoluene	10.74	165	66927	24.59	ng	# 53
51) Acenaphthene	11.03	154	257049	23.72	ng	99
52) 3-Nitroaniline	10.94	138	62088	19.79	ng	82
53) 2,4-Dinitrophenol	11.08	184	21565	26.04	ng	90
54) Dibenzofuran	11.24	168	388819	23.24	ng	97
55) 4-Nitrophenol	11.16	139	135105	53.54	ng	89
56) 2,4-Dinitrotoluene	11.24	165	93827	25.52	ng	# 91
57) Fluorene	11.67	166	325848	24.36	ng	98
58) 2,3,4,6-Tetrachlorophenol	11.40	232	77638	24.62	ng	# 98
59) Diethylphthalate	11.55	149	313008	23.40	ng	97
60) 4-Chlorophenyl-phenylether	11.68	204	143120	22.21	ng	# 90
61) 4-Nitroaniline	11.69	138	72092	23.97	ng	90
62) Azobenzene	11.87	77	306309	24.13	ng	95
64) 4,6-Dinitro-2-methylphenol	11.74	198	17847	14.95	ng	# 24
65) n-Nitrosodiphenylamine	11.83	169	290549	23.84	ng	99
66) 4-Bromophenyl-phenylether	12.28	248	89800	20.87	ng	93
67) Hexachlorobenzene	12.34	284	97097	21.03	ng	# 91
68) Atrazine	12.50	200	85464	21.57	ng	97
69) Pentachlorophenol	12.60	266	107691	44.37	ng	99
70) Phenanthrene	12.86	178	506082	23.77	ng	99
71) Anthracene	12.92	178	474569	22.46	ng	100
72) Carbazole	13.13	167	459010	22.85	ng	99
73) Di-n-butylphthalate	13.58	149	481990	20.43	ng	99
74) Fluoranthene	14.34	202	536267	23.06	ng	99
76) Benzidine	14.52	184	225935	17.88	ng	97
77) Pyrene	14.62	202	551352	24.10	ng	98
79) Butylbenzylphthalate	15.45	149	205907	21.88	ng	92
80) Benzo(a)anthracene	16.11	228	519126	23.68	ng	99
81) 3,3'-Dichlorobenzidine	16.09	252	120794	15.04	ng	# 99
82) Chrysene	16.15	228	485923	23.61	ng	98
83) Bis(2-ethylhexyl)phthalate	16.17	149	276281	18.31	ng	# 97
84) Di-n-octyl phthalate	16.94	149	475509	18.87	ng	# 86
85) Indeno(1,2,3-cd)pyrene	19.25	276	565105	24.08	ng	99
87) Benzo(b)fluoranthene	17.38	252	517652	23.61	ng	# 96
88) Benzo(k)fluoranthene	17.38	252	517062	24.07	ng	99
89) Benzo(a)pyrene	17.75	252	487545	23.35	ng	# 96
90) Dibenzo(a,h)anthracene	19.28	278	453320	22.77	ng	99
91) Benzo(g,h,i)perylene	19.67	276	486173	24.19	ng	100

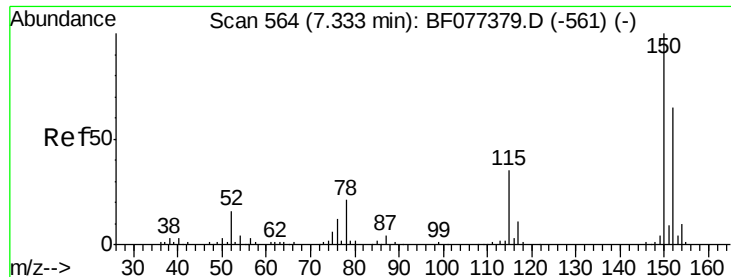
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.24 min Scan# 556

Delta R.T. -0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

Instrument :

BNA_F

ClientSampled :

VMA-2MS

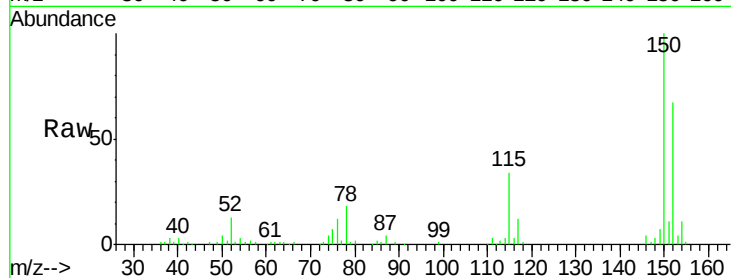
Tgt Ion:152 Resp: 90053

Ion Ratio Lower Upper

152 100

150 149.0 124.0 186.0

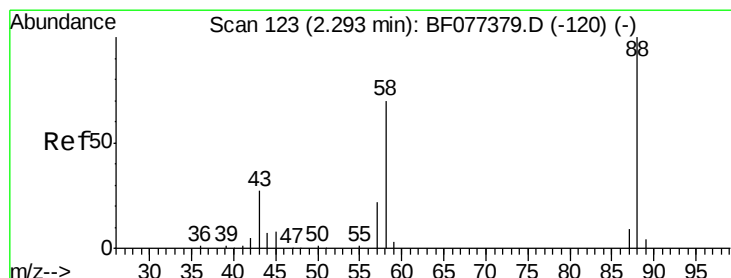
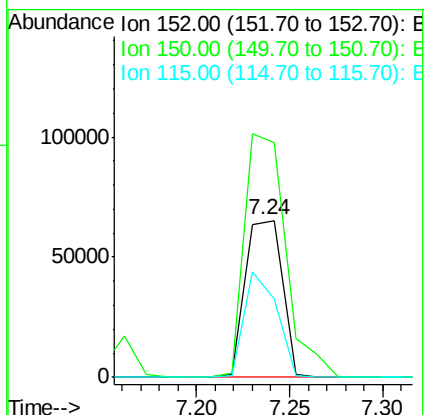
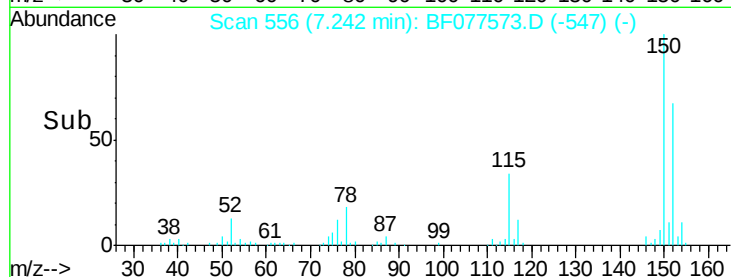
115 50.2 49.4 74.2



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: 21.70 ng

RT: 2.18 min Scan# 113

Delta R.T. 0.02 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

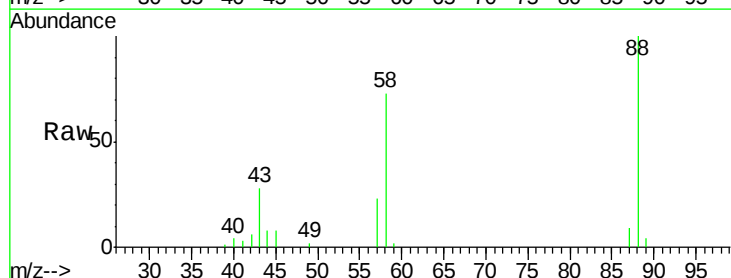
Tgt Ion: 88 Resp: 49661

Ion Ratio Lower Upper

88 100

58 75.8 62.1 93.1

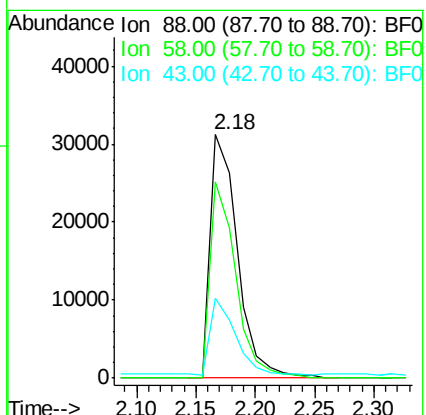
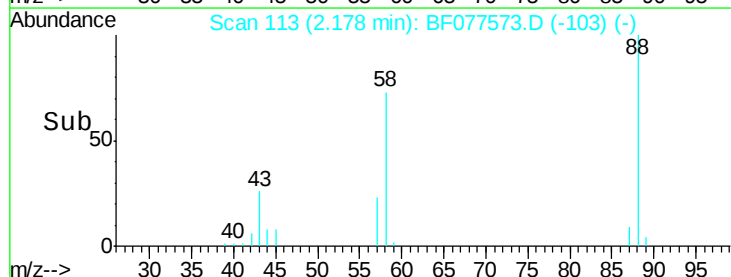
43 28.8 24.0 36.0

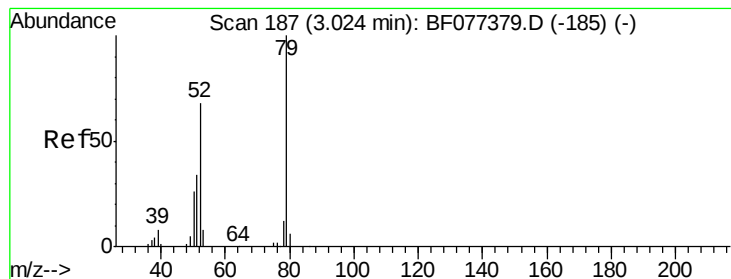


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 19.26 ng

RT: 2.93 min Scan# 179

Delta R.T. 0.04 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

Instrument :

BNA_F

ClientSampleId :

VMA-2MS

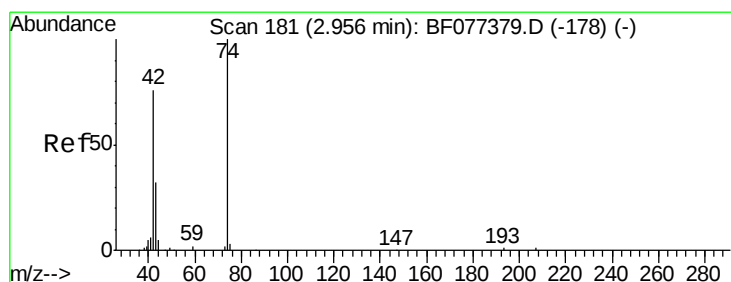
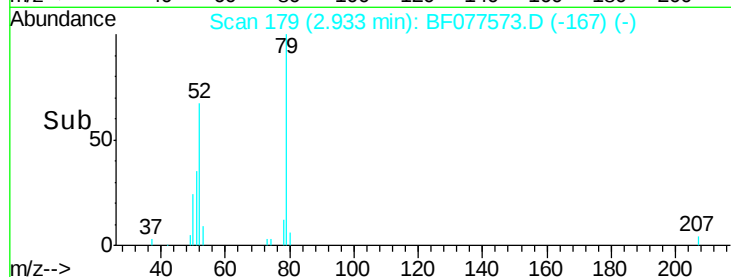
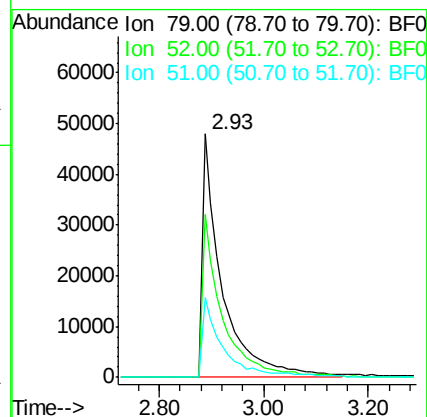
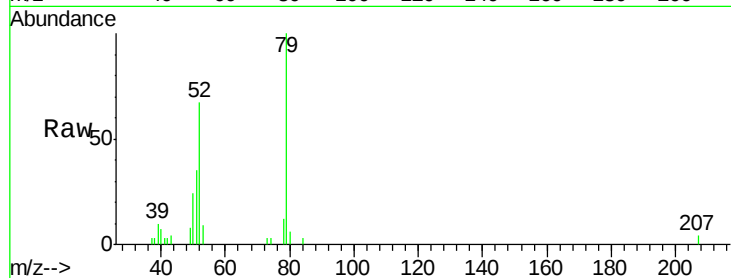
Tgt Ion: 79 Resp: 126119

Ion Ratio Lower Upper

79 100

52 66.6 57.7 86.5

51 34.6 28.5 42.7



#4

n-Nitrosodimethylamine

Concen: 23.59 ng

RT: 2.83 min Scan# 170

Delta R.T. 0.02 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

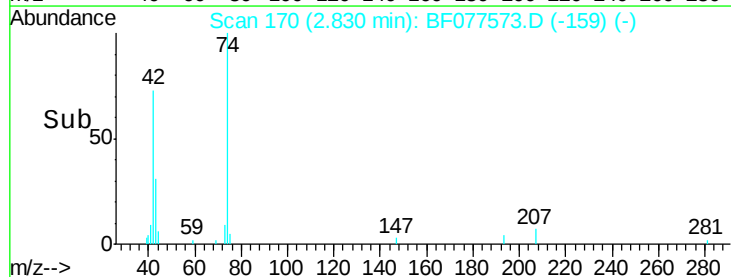
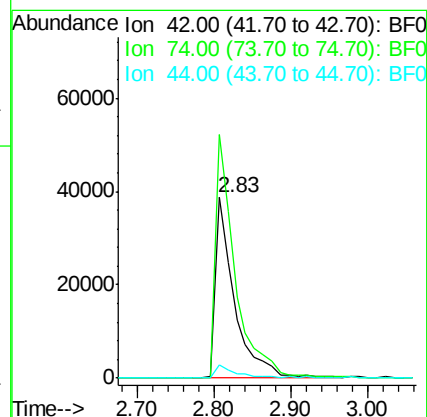
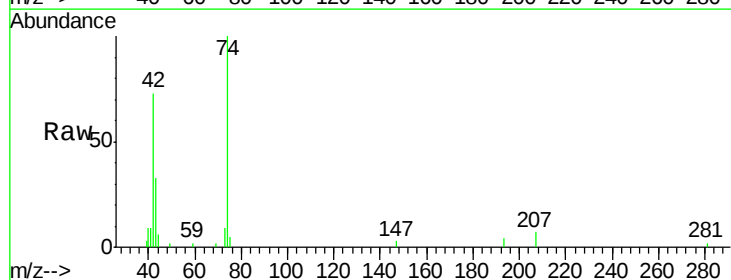
Tgt Ion: 42 Resp: 67163

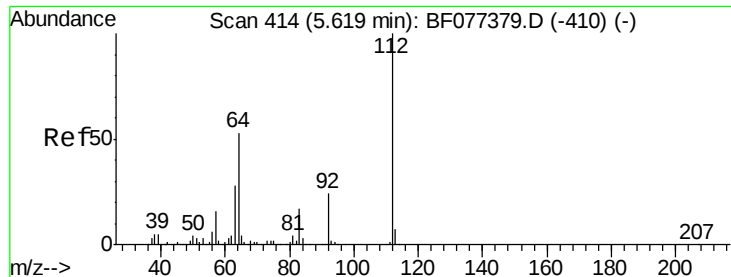
Ion Ratio Lower Upper

42 100

74 137.6 107.1 160.7

44 7.9 6.7 10.1





#5

2-Fluorophenol

Concen: 78.79 ng

RT: 5.53 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

Instrument :

BNA_F

ClientSampleId :

VMA-2MS

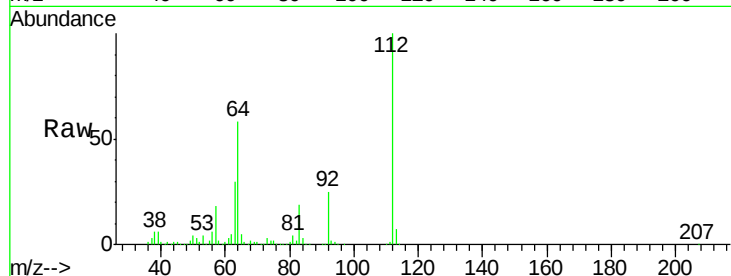
Tgt Ion: 112 Resp: 425019

Ion Ratio Lower Upper

112 100

64 58.4 48.5 72.7

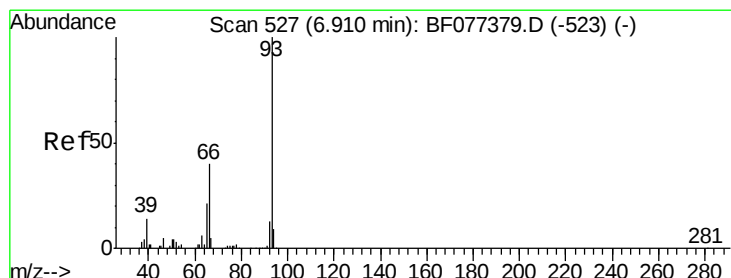
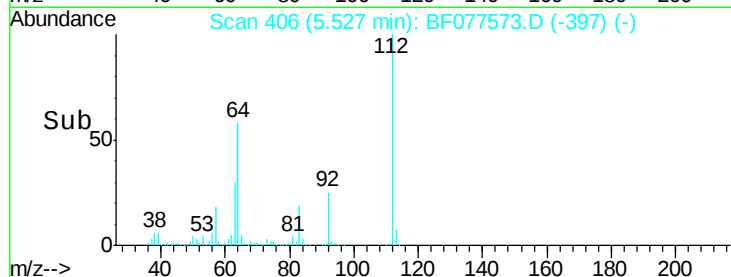
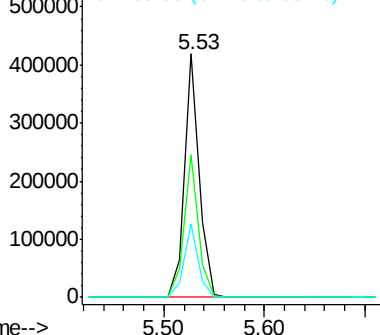
63 30.2 25.0 37.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 8.88 ng

RT: 6.82 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

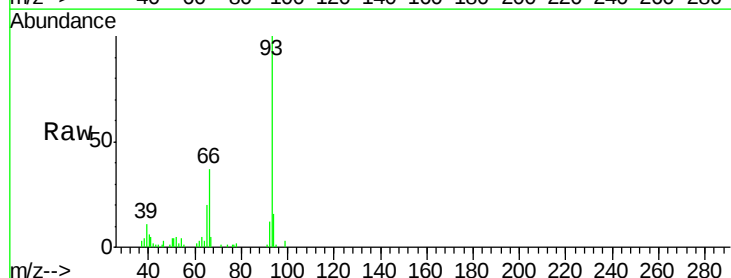
Tgt Ion: 93 Resp: 85137

Ion Ratio Lower Upper

93 100

66 36.7 29.1 43.7

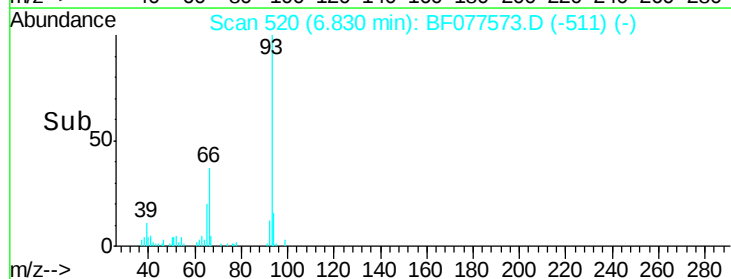
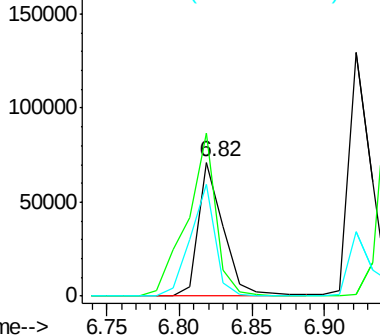
65 19.8 14.6 22.0

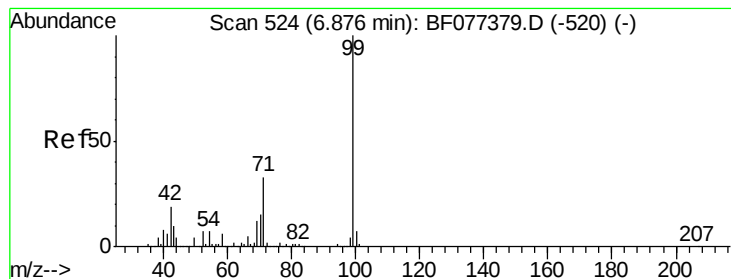


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 75.84 ng

RT: 6.80 min Scan# 517

Delta R.T. -0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

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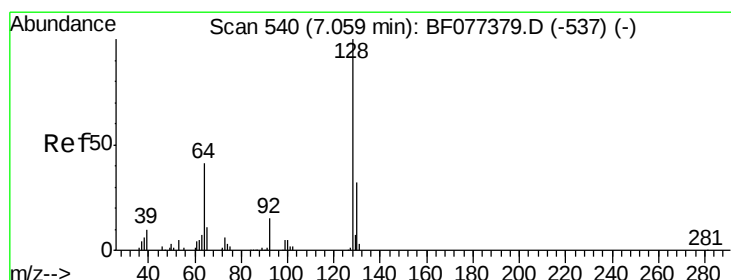
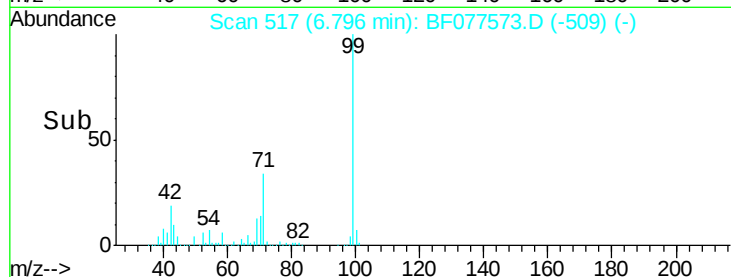
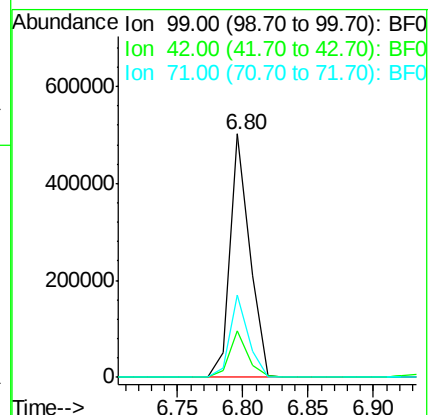
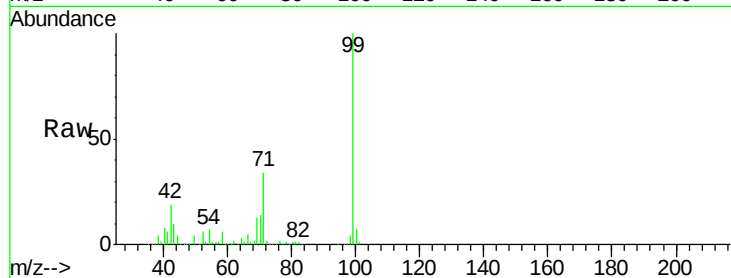
Tgt Ion: 99 Resp: 526029

Ion Ratio Lower Upper

99 100

42 19.2 16.2 24.4

71 33.9 26.7 40.1



#8

2-Chlorophenol

Concen: 24.51 ng

RT: 6.97 min Scan# 532

Delta R.T. -0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

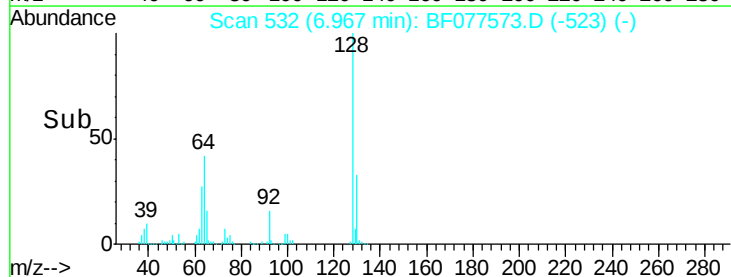
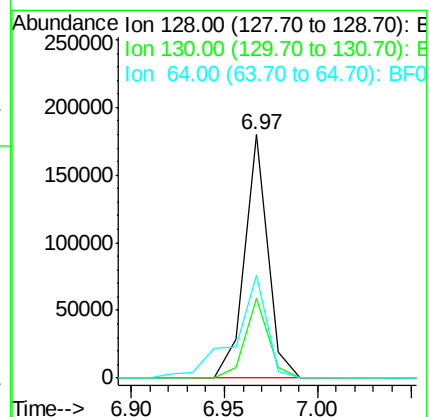
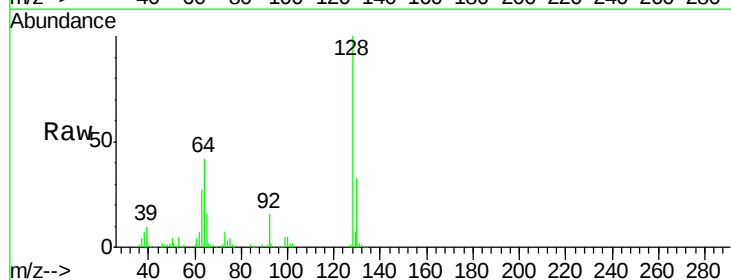
Tgt Ion: 128 Resp: 155995

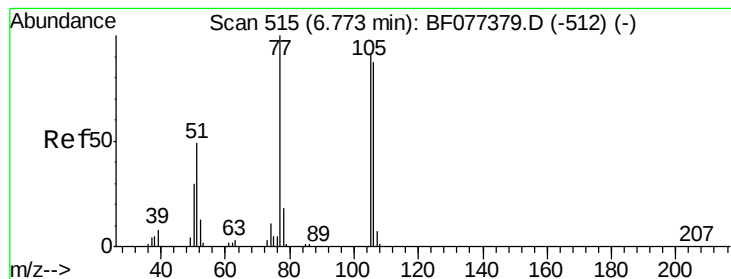
Ion Ratio Lower Upper

128 100

130 32.5 12.0 52.0

64 42.4 29.2 69.2





#9

Benzaldehyde

Concen: 6.69 ng

RT: 6.68 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

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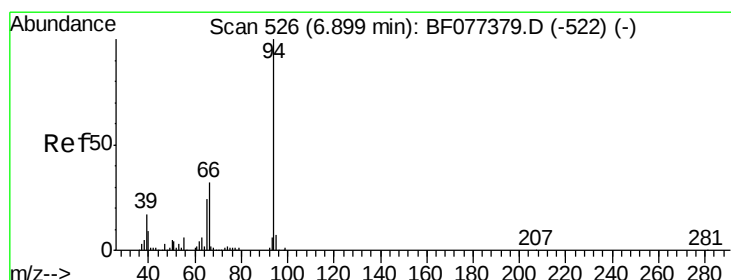
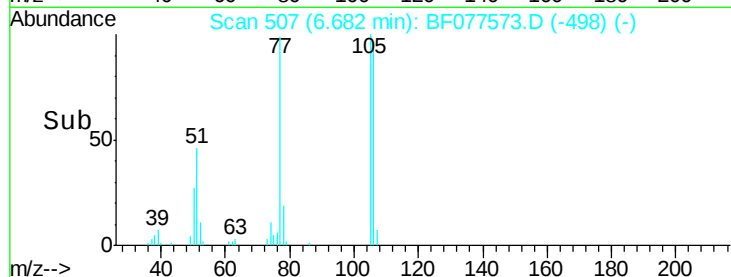
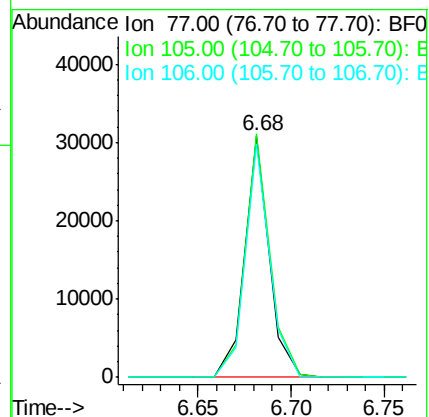
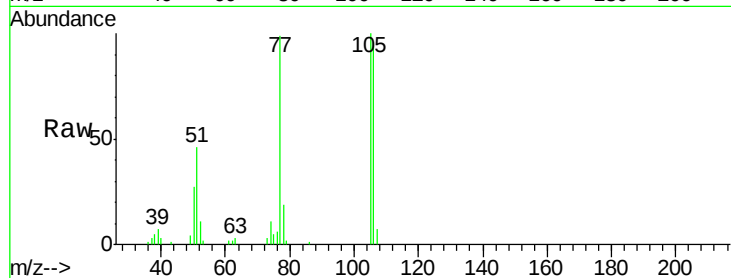
Tgt Ion: 77 Resp: 28188

Ion Ratio Lower Upper

77 100

105 100.9 85.9 125.9

106 96.7 82.9 122.9



#10

Phenol

Concen: 23.82 ng

RT: 6.82 min Scan# 519

Delta R.T. -0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

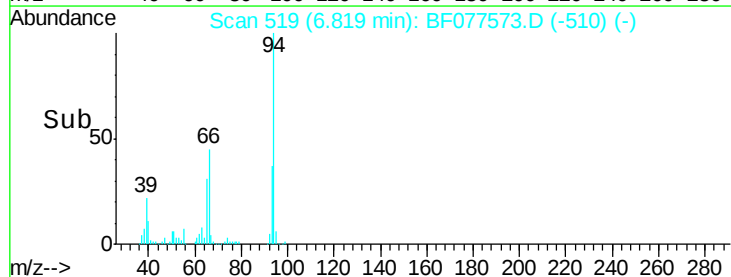
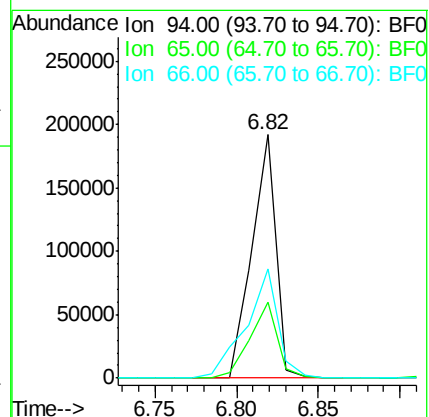
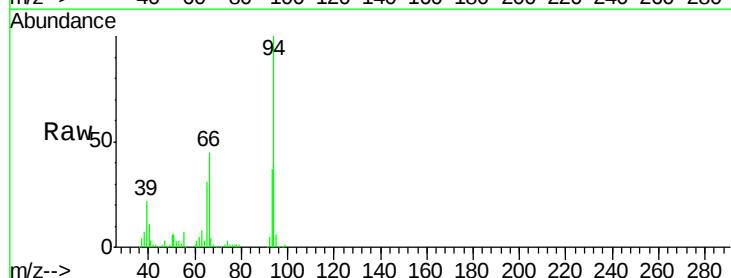
Tgt Ion: 94 Resp: 196038

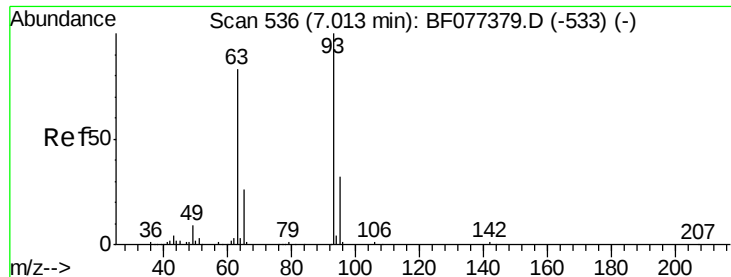
Ion Ratio Lower Upper

94 100

65 30.9 5.7 45.7

66 45.0 13.6 53.6

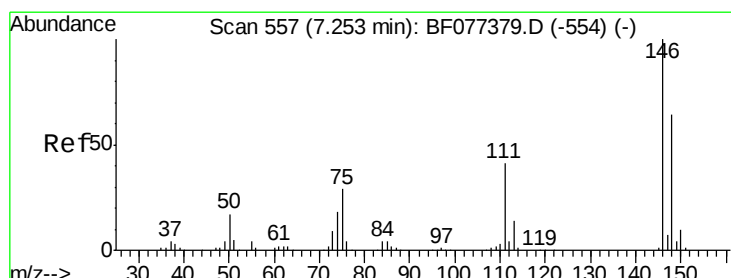
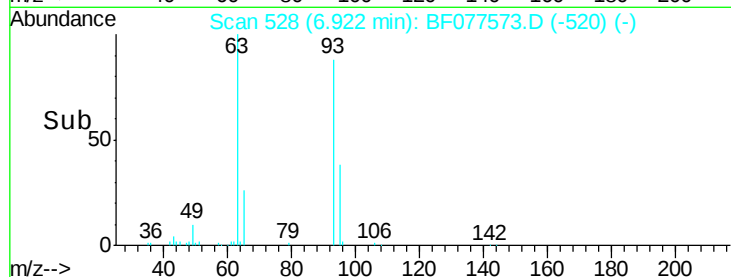
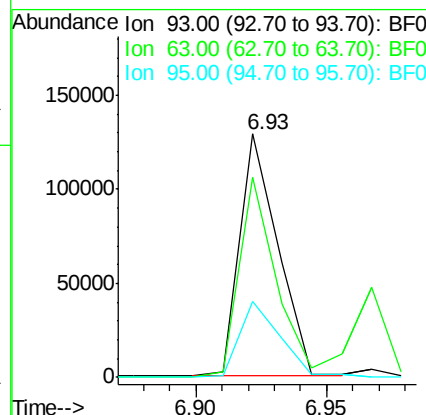
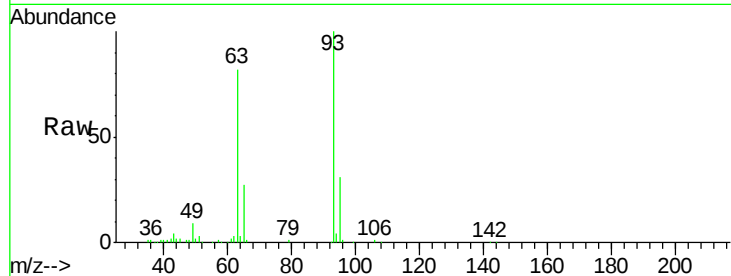




#11
bis(2-Chloroethyl)ether
Concen: 22.41 ng
RT: 6.93 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF077573.D
Acq: 4 Mar 2015 5:16

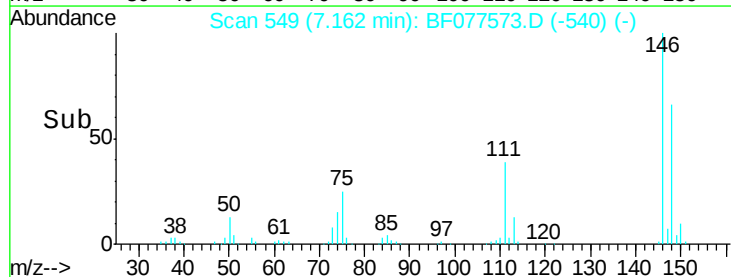
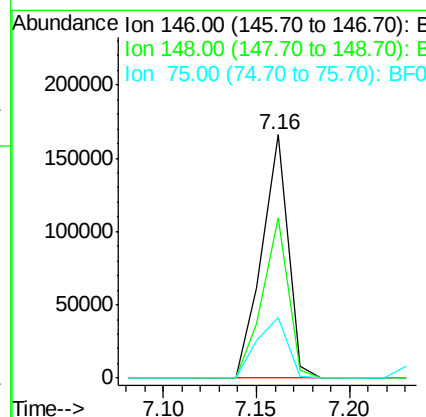
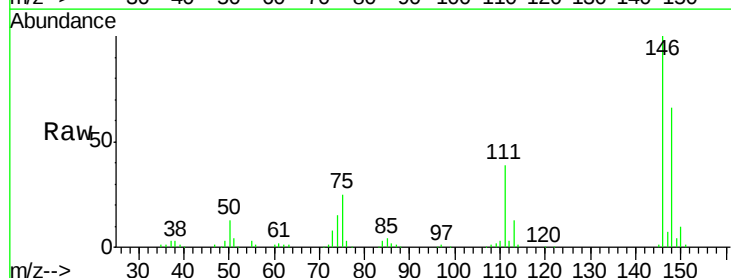
Instrument :
BNA_F
ClientSampleId :
VMA-2MS

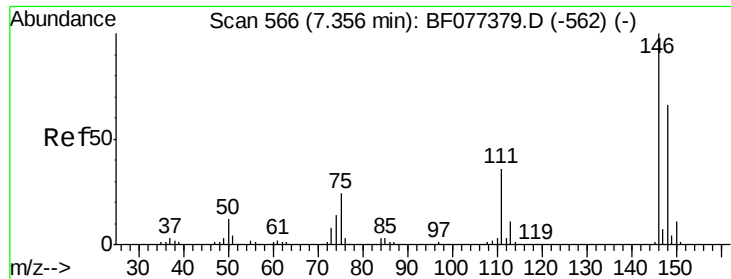
Tgt Ion: 93 Resp: 132523
Ion Ratio Lower Upper
93 100
63 82.2 48.7 88.7
95 31.0 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 23.34 ng
RT: 7.16 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF077573.D
Acq: 4 Mar 2015 5:16

Tgt Ion: 146 Resp: 161718
Ion Ratio Lower Upper
146 100
148 66.1 49.8 74.8
75 25.1 28.2 42.4#

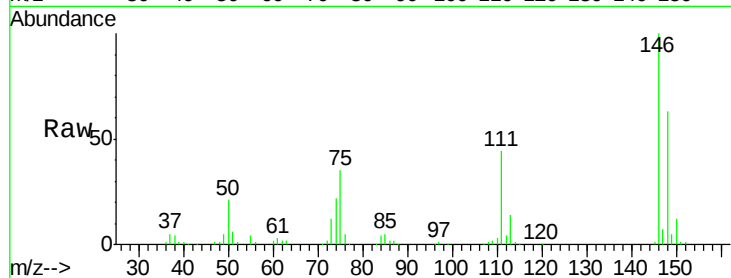




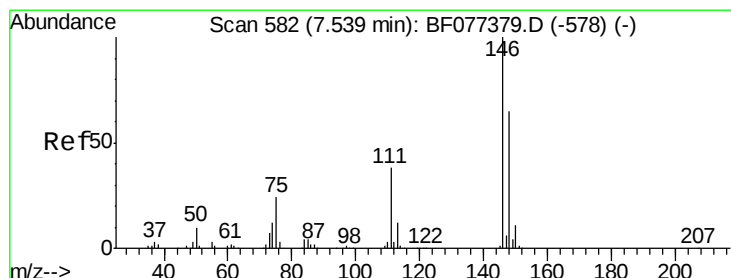
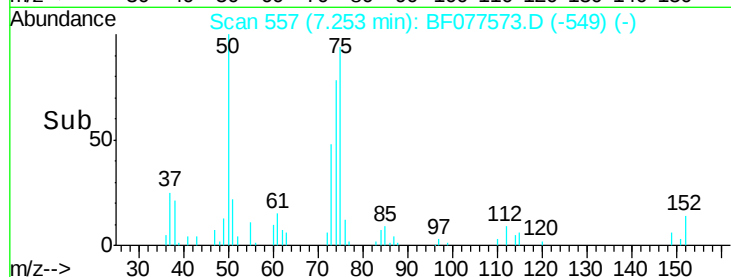
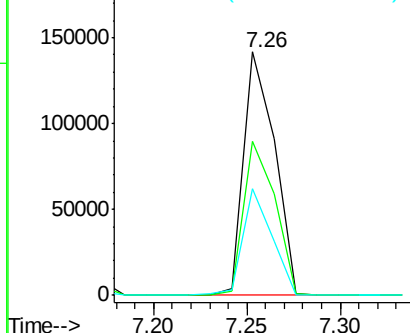
#13
 1,4-Dichlorobenzene
 Concen: 23.13 ng
 RT: 7.26 min Scan# 557
 Delta R.T. -0.00 min
 Lab File: BF077573.D
 Acq: 4 Mar 2015 5:16

Instrument :
 BNA_F
 ClientSampleId :
 VMA-2MS

Tgt Ion:146 Resp: 163050
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.0 78.0
 111 43.8 31.9 47.9

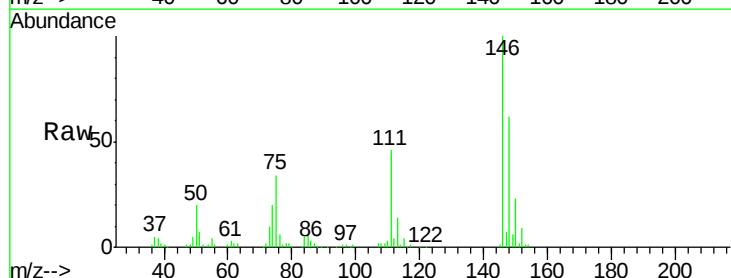


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

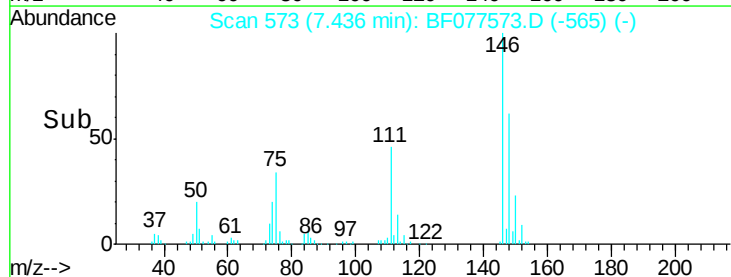
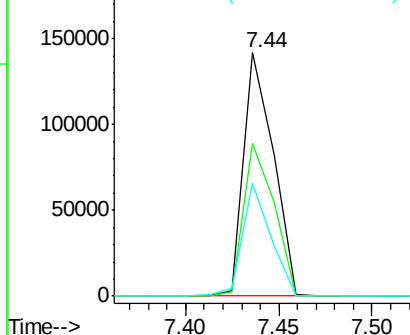


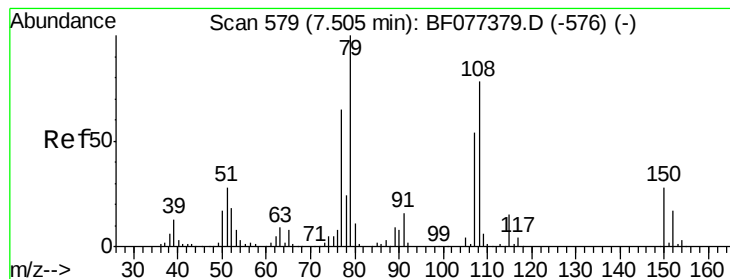
#14
 1,2-Dichlorobenzene
 Concen: 23.33 ng
 RT: 7.44 min Scan# 573
 Delta R.T. -0.00 min
 Lab File: BF077573.D
 Acq: 4 Mar 2015 5:16

Tgt Ion:146 Resp: 156419
 Ion Ratio Lower Upper
 146 100
 148 62.5 51.6 77.4
 111 46.2 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: 23.14 ng

RT: 7.42 min Scan# 571

Delta R.T. -0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

Instrument :

BNA_F

ClientSampleId :

VMA-2MS

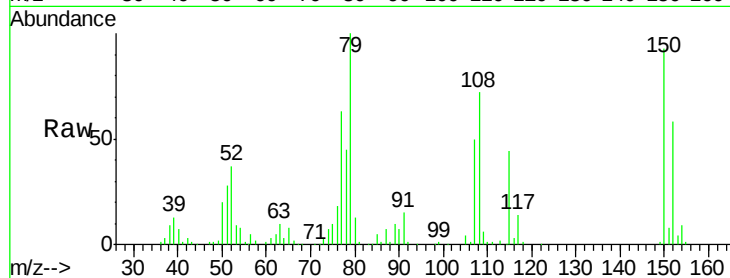
Tgt Ion: 79 Resp: 122022

Ion Ratio Lower Upper

79 100

108 72.3 58.3 87.5

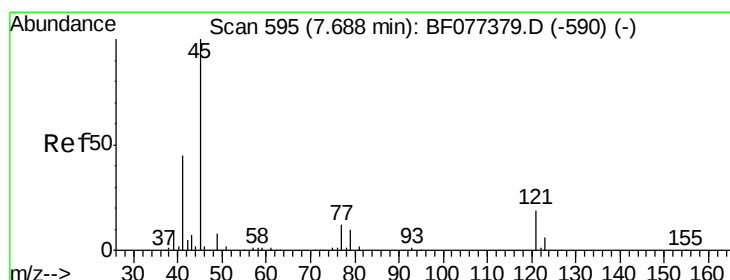
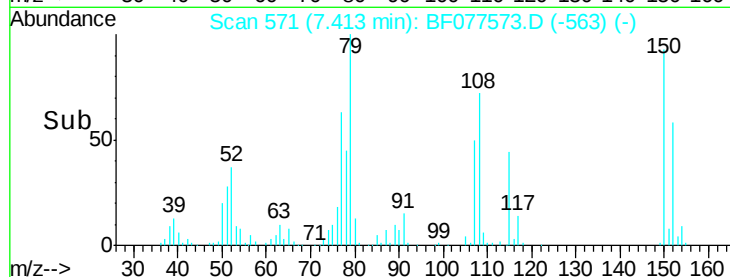
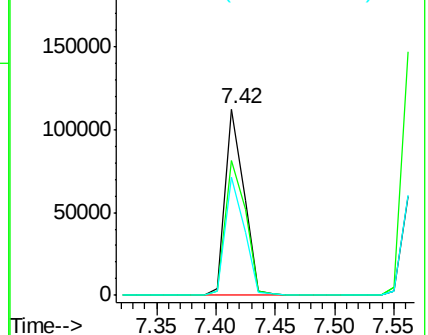
77 63.3 51.3 76.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 22.68 ng

RT: 7.60 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

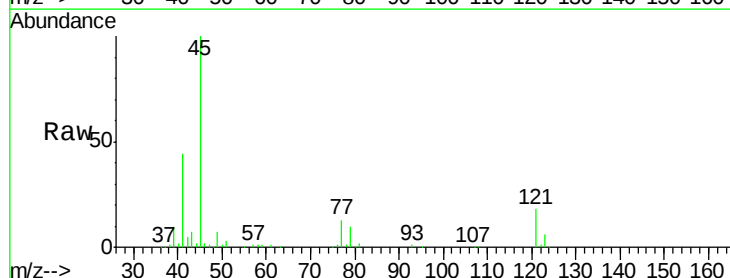
Tgt Ion: 45 Resp: 191696

Ion Ratio Lower Upper

45 100

77 12.7 0.0 34.6

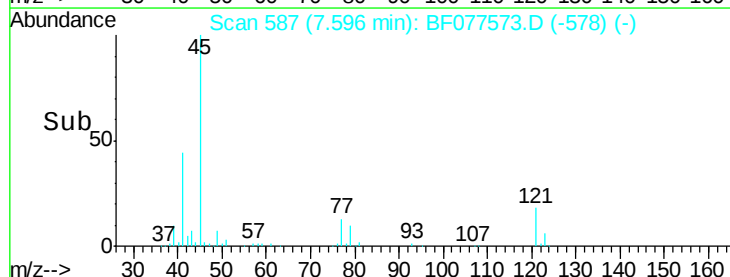
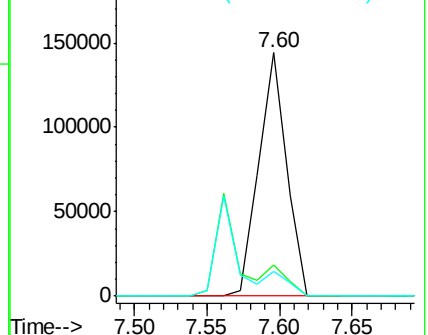
79 10.0 0.0 31.5

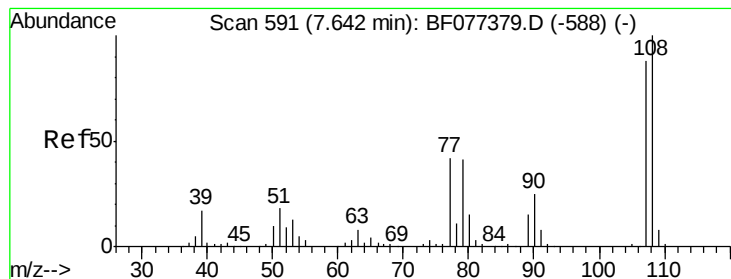


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 23.98 ng

RT: 7.56 min Scan# 584

Delta R.T. -0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

Instrument :

BNA_F

ClientSampleId :

VMA-2MS

Tgt Ion:107 Resp: 119290

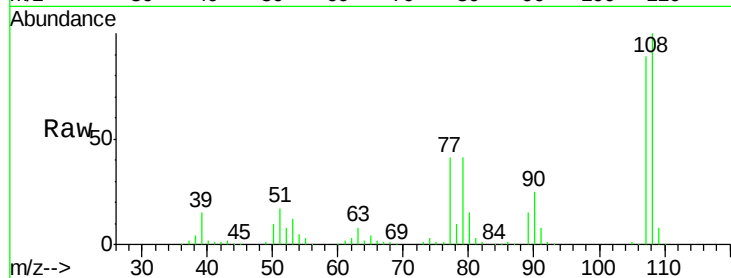
Ion Ratio Lower Upper

107 100

108 112.3 91.2 136.8

77 46.5 33.6 50.4

79 45.5 32.1 48.1

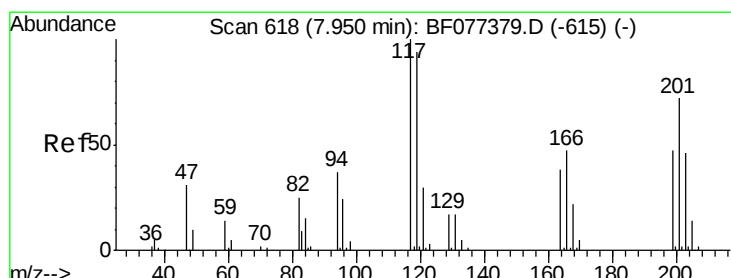
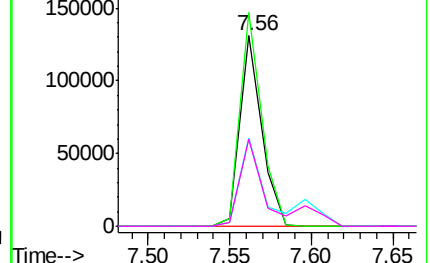
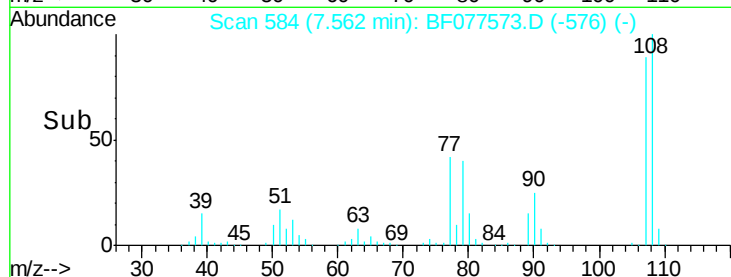


Abundance Ion 107.00 (106.70 to 107.70): E

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: 23.38 ng

RT: 7.86 min Scan# 610

Delta R.T. -0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

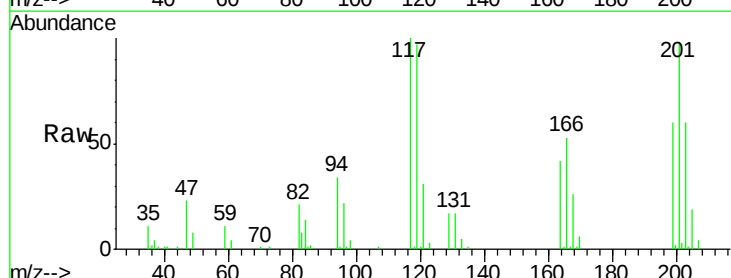
Tgt Ion:117 Resp: 55053

Ion Ratio Lower Upper

117 100

119 97.2 77.8 116.8

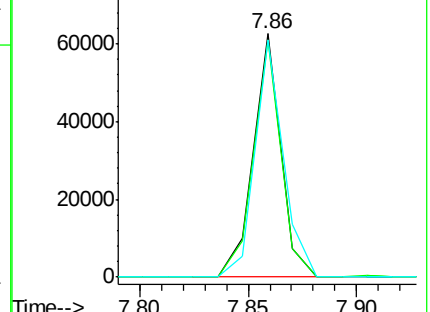
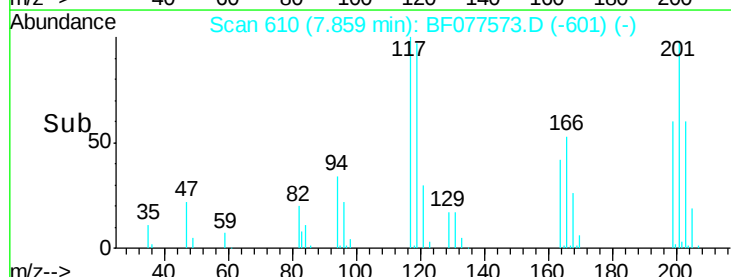
201 97.6 90.6 136.0

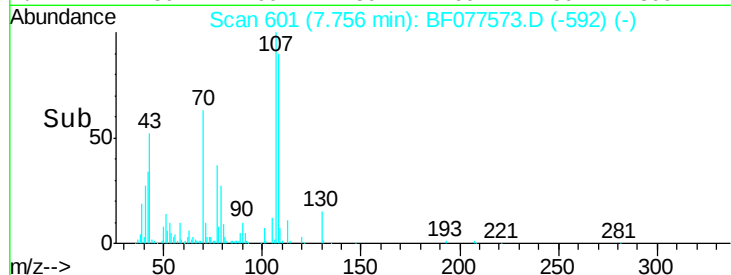
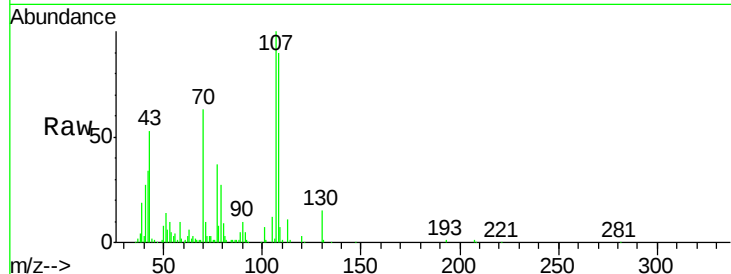


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

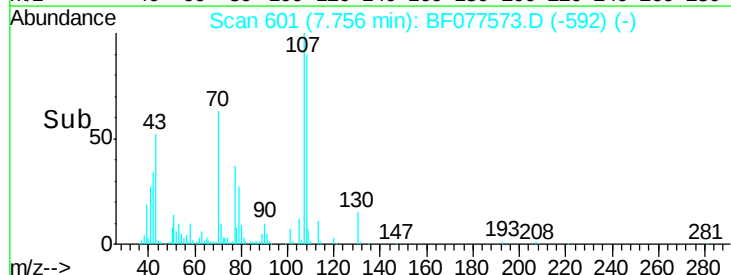
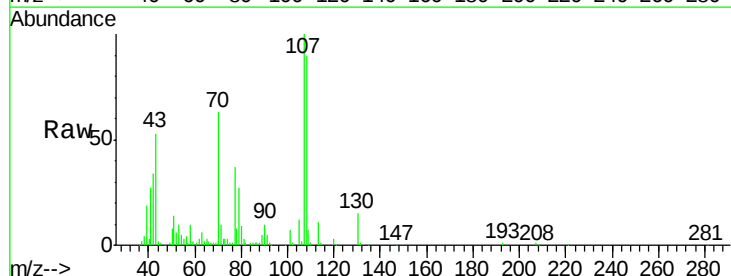
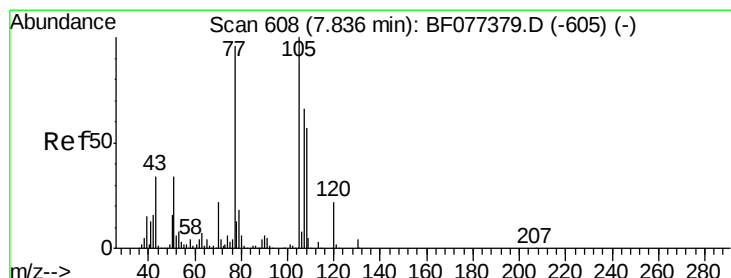
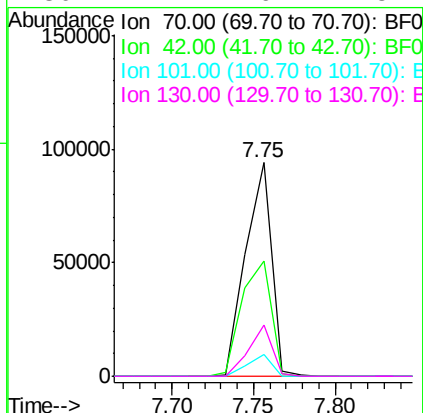




#19
n-Nitroso-di-n-propylamine
Concen: 23.49 ng
RT: 7.75 min Scan# 601
Delta R.T. -0.00 min
Lab File: BF077573.D
Acq: 4 Mar 2015 5:16

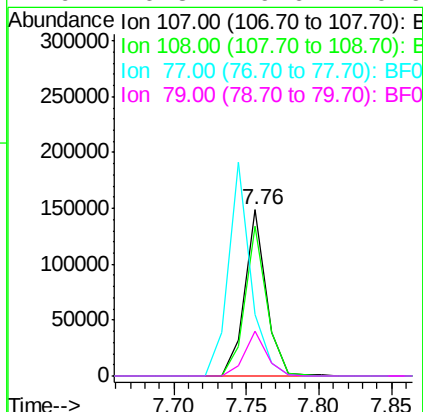
Instrument :
BNA_F
ClientSampleId :
VMA-2MS

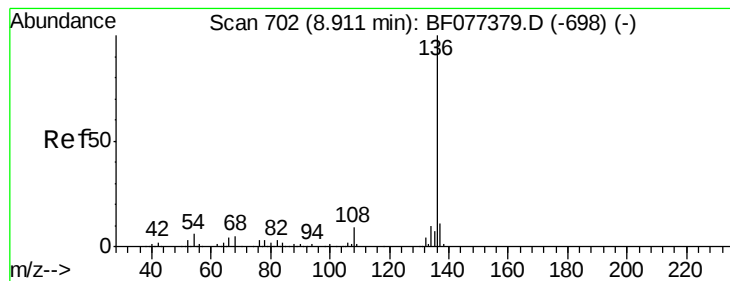
Tgt Ion:	70	Resp:	103479
Ion	Ratio	Lower	Upper
70	100		
42	53.8	48.3	72.5
101	10.5	7.5	11.3
130	24.1	16.7	25.1



#20
3+4-Methylphenols
Concen: 23.45 ng
RT: 7.76 min Scan# 601
Delta R.T. -0.00 min
Lab File: BF077573.D
Acq: 4 Mar 2015 5:16

Tgt Ion:	107	Resp:	153642
Ion	Ratio	Lower	Upper
107	100		
108	90.3	76.8	116.8
77	37.2	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: BF077573.D

Acq: 4 Mar 2015 5:16

Instrument :

BNA_F

ClientSampleId :

VMA-2MS

Tgt Ion:136 Resp: 362166

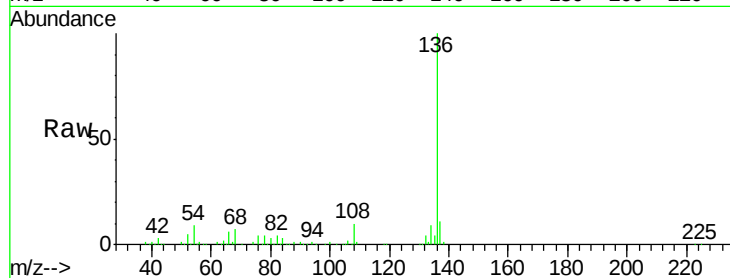
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 9.2 6.2 9.4

68 7.1 5.0 7.6

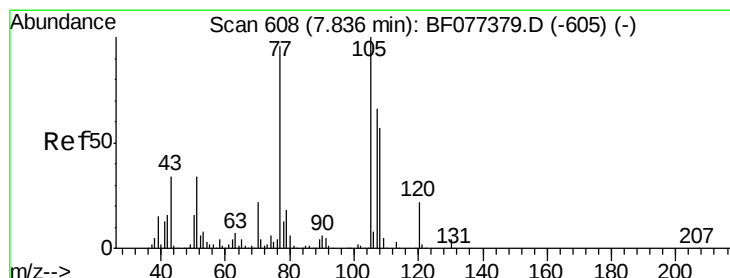
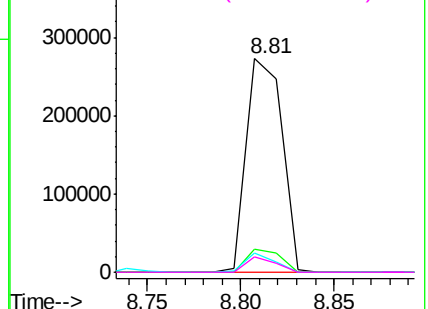
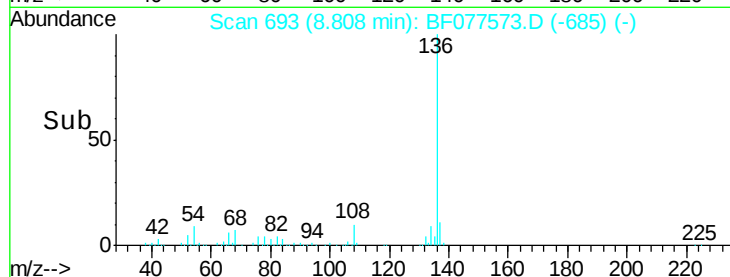


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 24.77 ng

RT: 7.74 min Scan# 600

Delta R.T. -0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

Tgt Ion:105 Resp: 211020

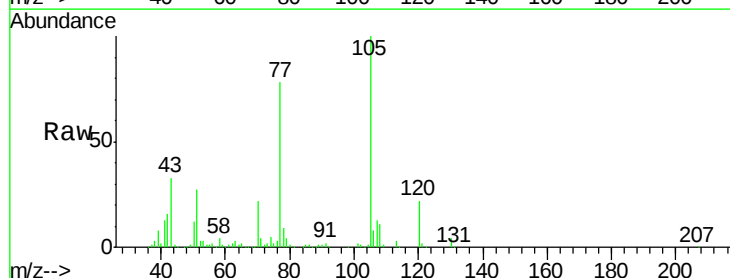
Ion Ratio Lower Upper

105 100

71 3.8 1.7 2.5#

51 26.6 30.7 46.1#

120 22.3 16.7 25.1

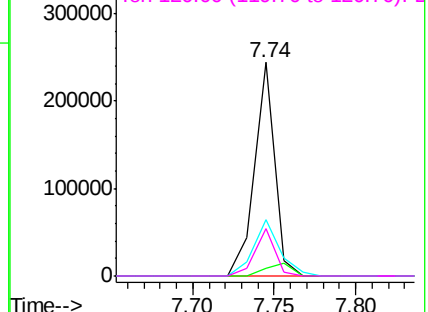
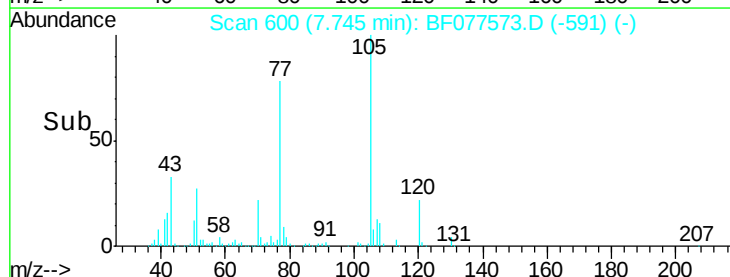


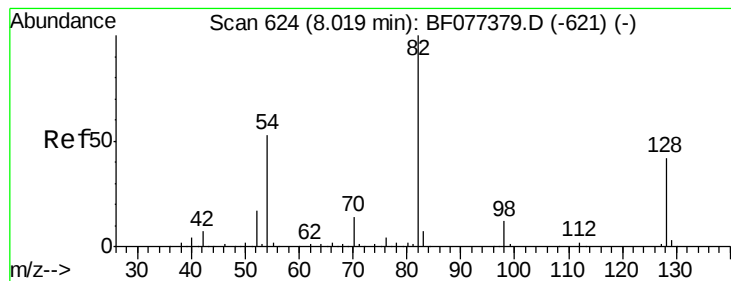
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 54.07 ng

RT: 7.93 min Scan# 616

Delta R.T. -0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

Instrument :

BNA_F

ClientSampleId :

VMA-2MS

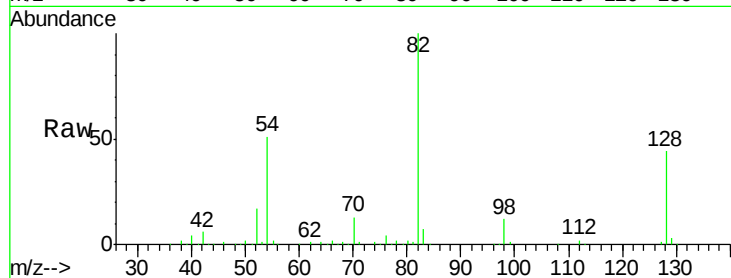
Tgt Ion: 82 Resp: 314894

Ion Ratio Lower Upper

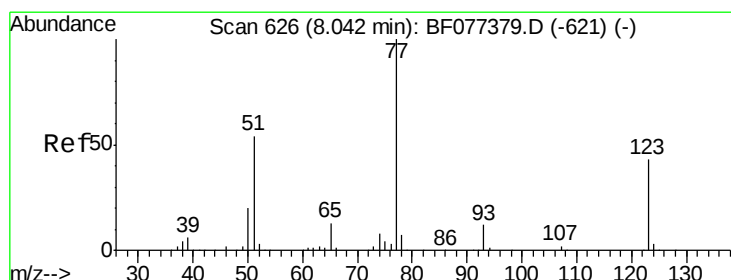
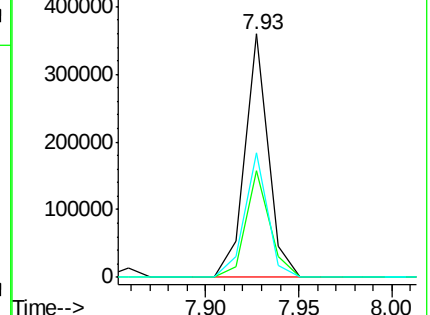
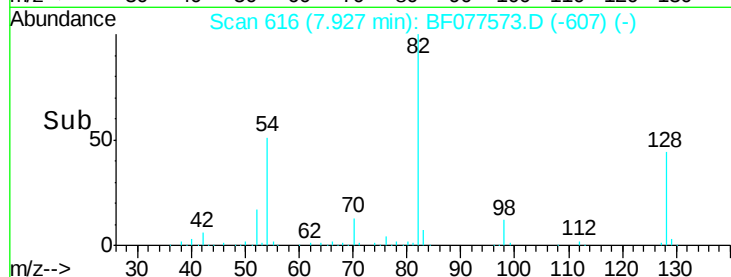
82 100

128 44.0 43.8 65.8

54 51.0 36.7 55.1



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



#24

Nitrobenzene

Concen: 25.02 ng

RT: 7.95 min Scan# 618

Delta R.T. -0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

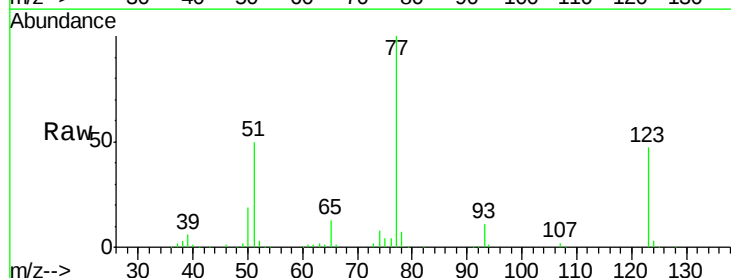
Tgt Ion: 77 Resp: 153311

Ion Ratio Lower Upper

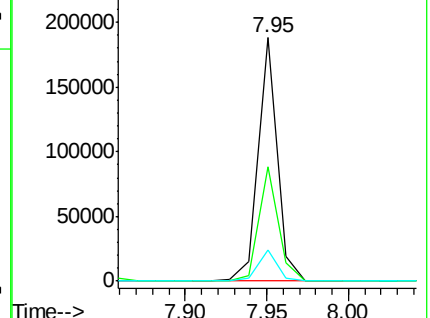
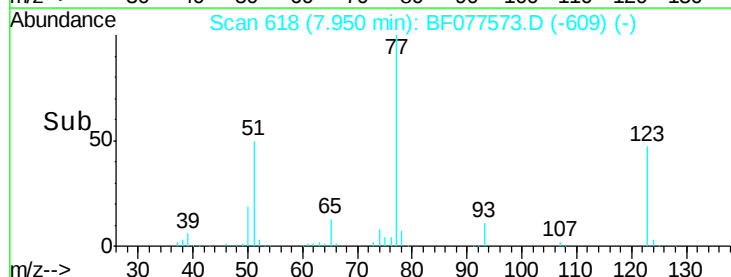
77 100

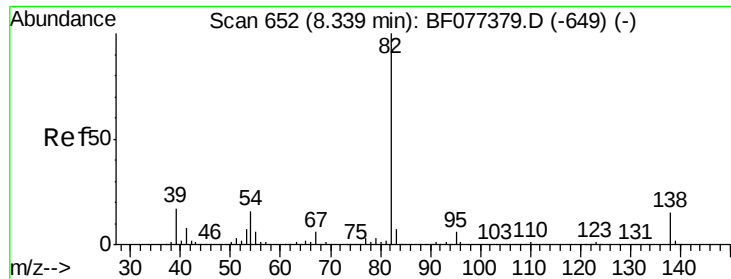
123 47.1 45.9 68.9

65 12.6 9.5 14.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 23.28 ng

RT: 8.25 min Scan# 644

Delta R.T. -0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

Instrument :

BNA_F

ClientSampleId :

VMA-2MS

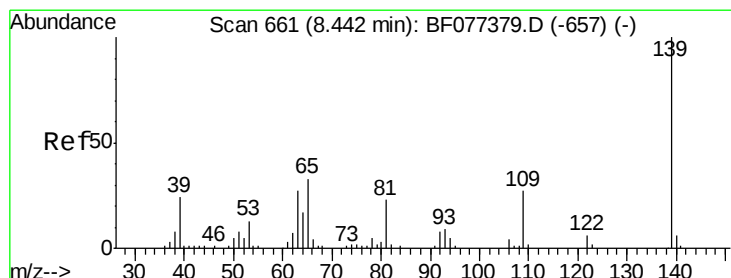
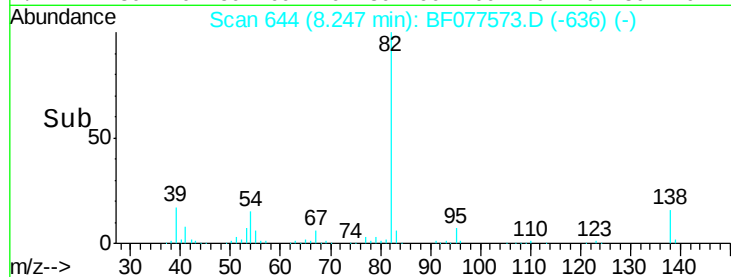
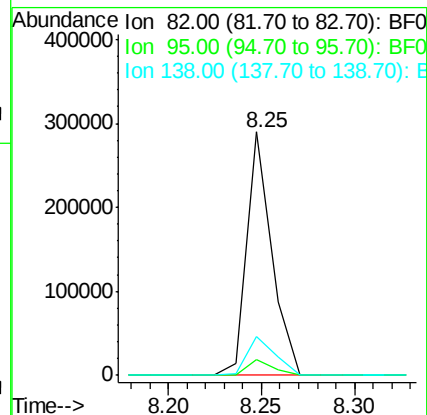
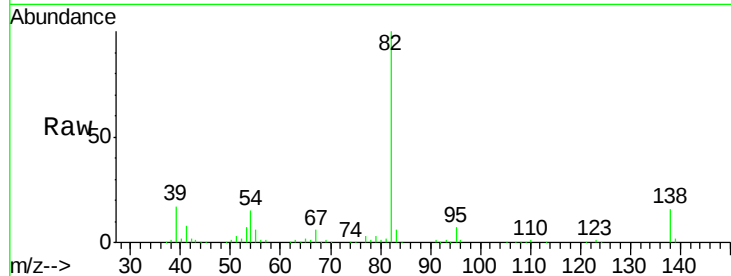
Tgt Ion: 82 Resp: 269019

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.2

138 16.1 16.3 24.5#



#26

2-Nitrophenol

Concen: 26.50 ng

RT: 8.35 min Scan# 653

Delta R.T. -0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

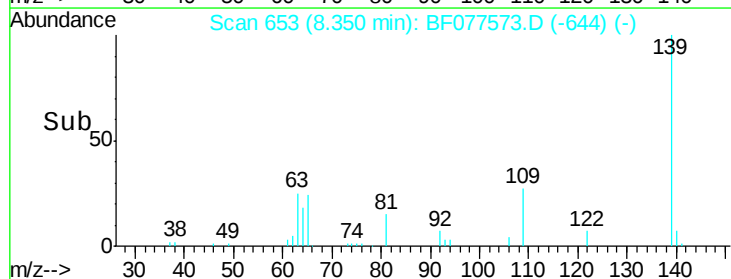
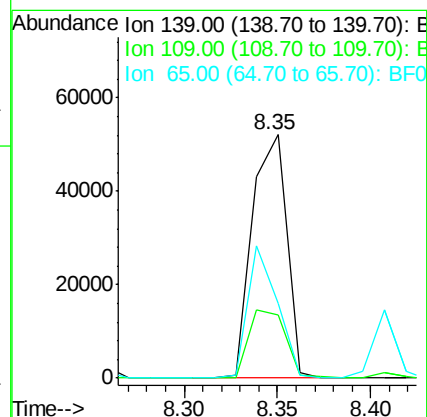
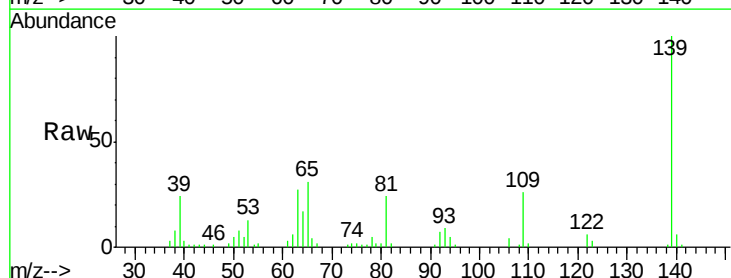
Tgt Ion: 139 Resp: 66540

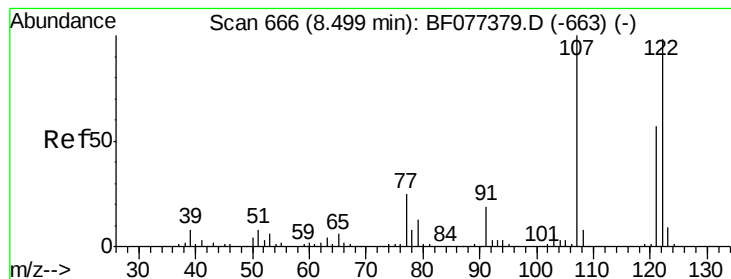
Ion Ratio Lower Upper

139 100

109 25.8 22.6 34.0

65 30.9 36.4 54.6#

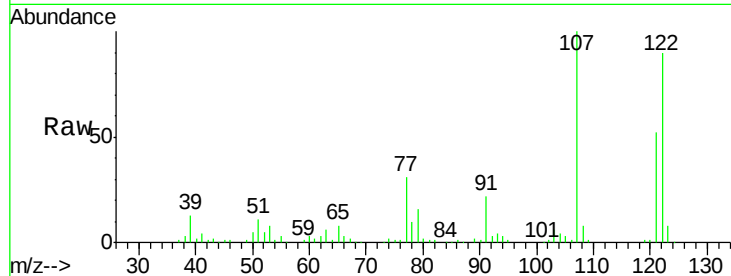




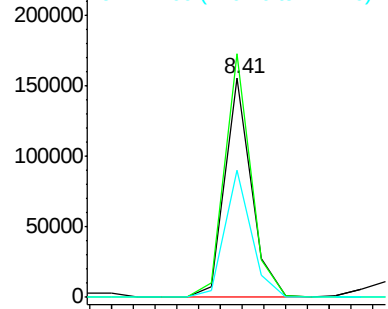
#27
 2,4-Dimethylphenol
 Concen: 23.43 ng
 RT: 8.41 min Scan# 658
 Delta R.T. -0.00 min
 Lab File: BF077573.D
 Acq: 4 Mar 2015 5:16

Instrument :
 BNA_F
 ClientSampleId :
 VMA-2MS

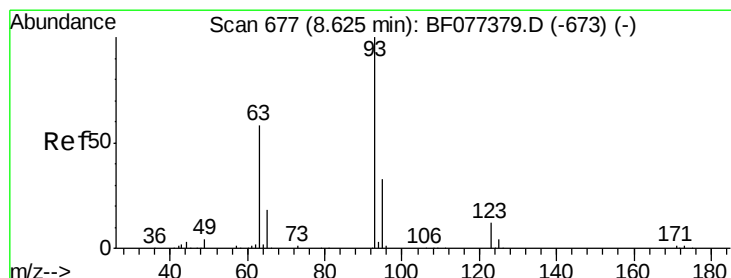
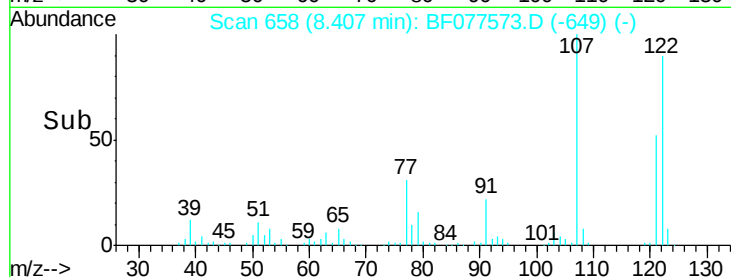
Tgt Ion:122 Resp: 131630
 Ion Ratio Lower Upper
 122 100
 107 111.2 86.6 130.0
 121 58.3 47.4 71.0



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

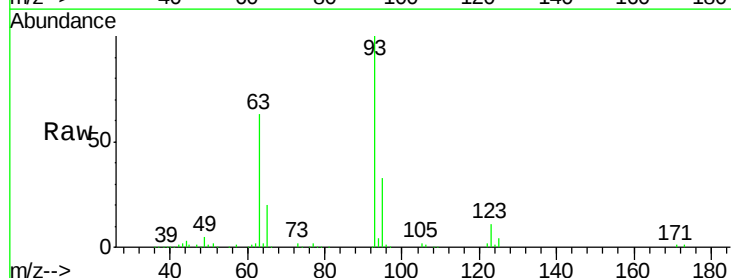


Time-->

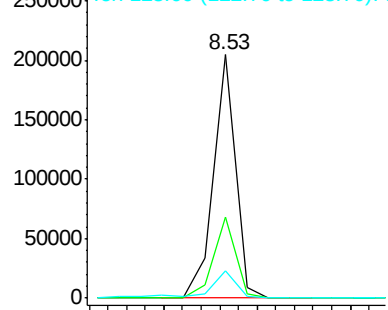


#28
 bis(2-Chloroethoxy)methane
 Concen: 23.27 ng
 RT: 8.53 min Scan# 669
 Delta R.T. -0.00 min
 Lab File: BF077573.D
 Acq: 4 Mar 2015 5:16

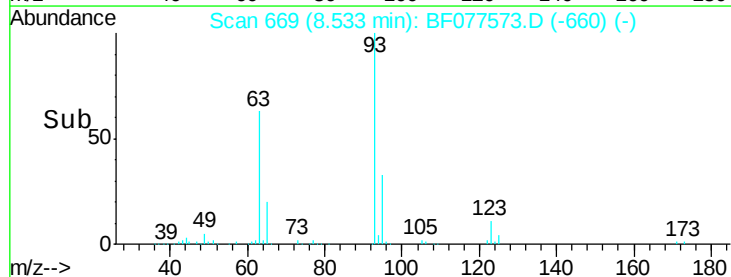
Tgt Ion: 93 Resp: 169888
 Ion Ratio Lower Upper
 93 100
 95 33.5 26.4 39.6
 123 11.0 8.7 13.1

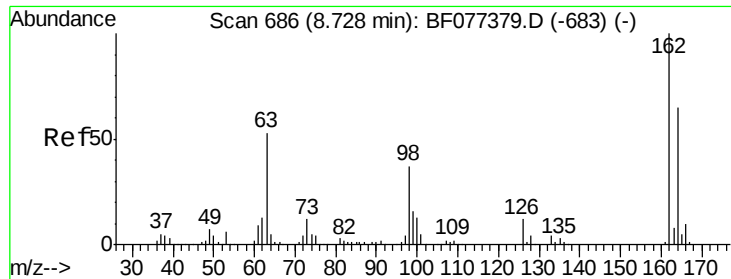


Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E



Time-->

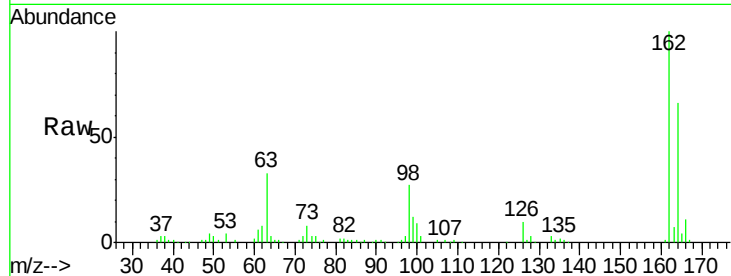




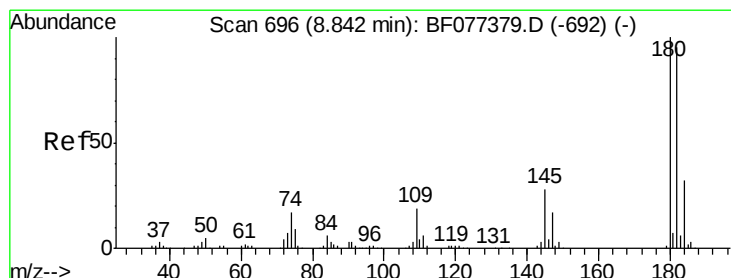
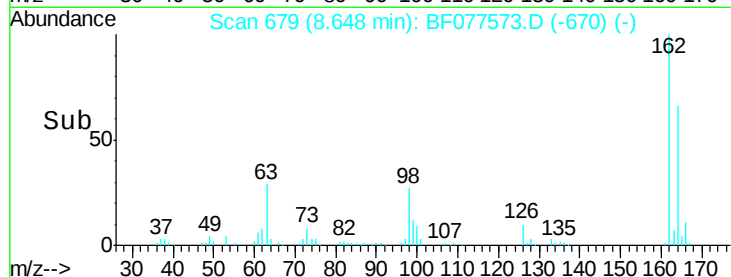
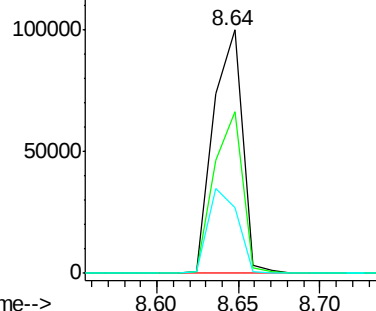
#29
 2,4-Dichlorophenol
 Concen: 23.34 ng
 RT: 8.64 min Scan# 679
 Delta R.T. -0.00 min
 Lab File: BF077573.D
 Acq: 4 Mar 2015 5:16

Instrument :
 BNA_F
 ClientSampled :
 VMA-2MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.3	46.4	86.4
98	27.1	6.9	46.9

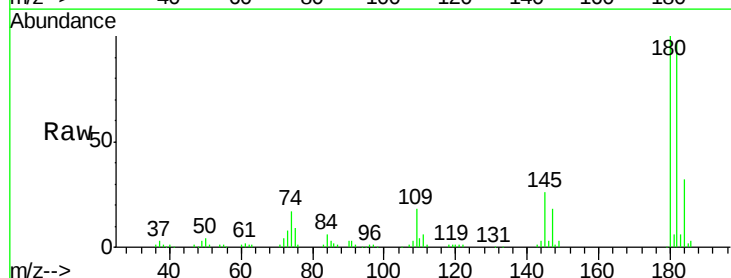


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

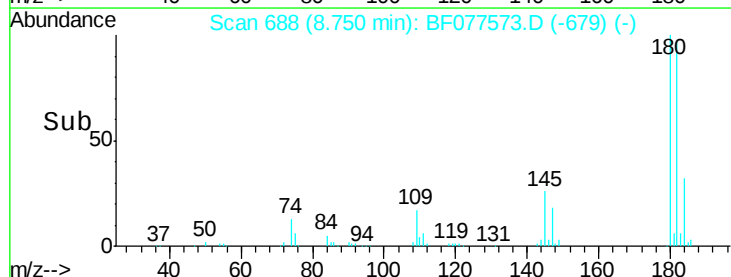
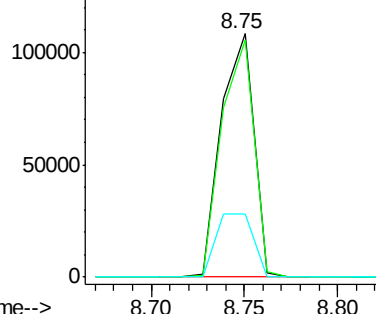


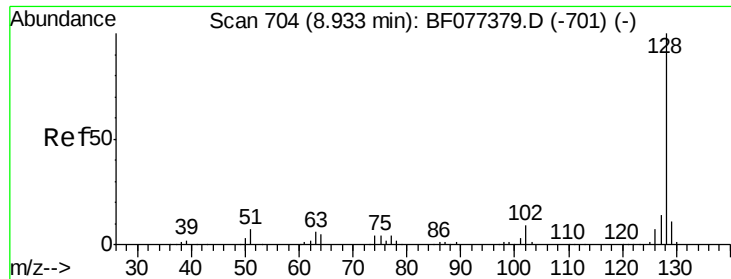
#30
 1,2,4-Trichlorobenzene
 Concen: 22.54 ng
 RT: 8.75 min Scan# 688
 Delta R.T. -0.00 min
 Lab File: BF077573.D
 Acq: 4 Mar 2015 5:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	76.2	114.4
145	25.8	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

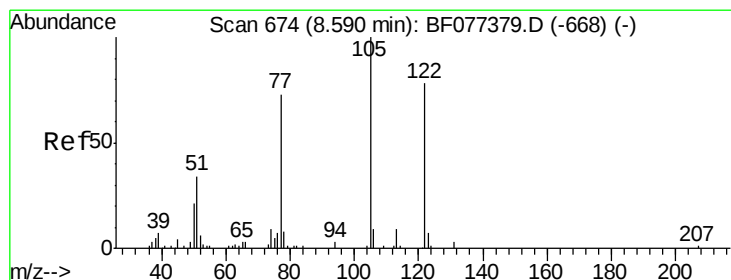
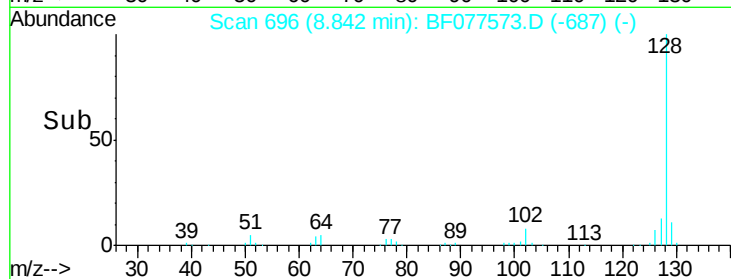
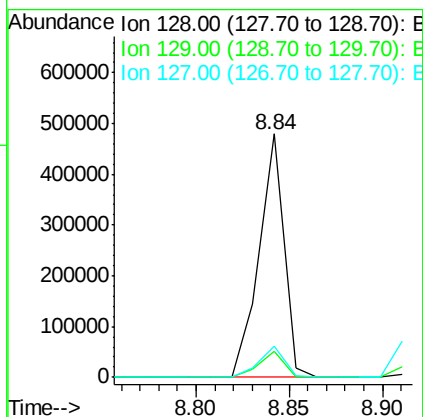
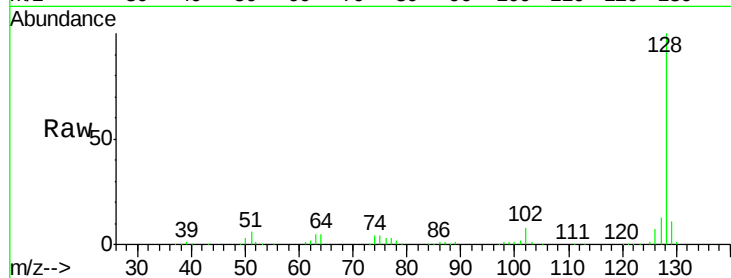




#31
Naphthalene
Concen: 24.42 ng
RT: 8.84 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF077573.D
Acq: 4 Mar 2015 5:16

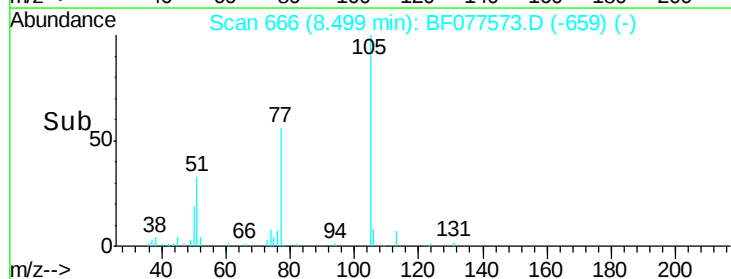
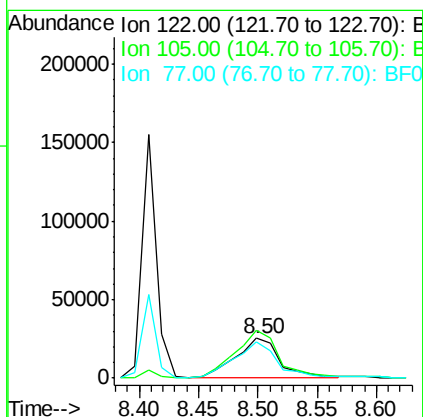
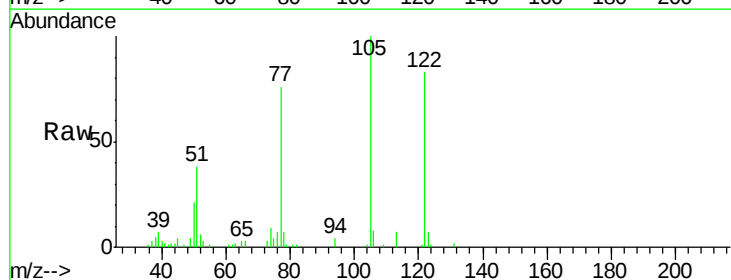
Instrument :
BNA_F
ClientSampleId :
VMA-2MS

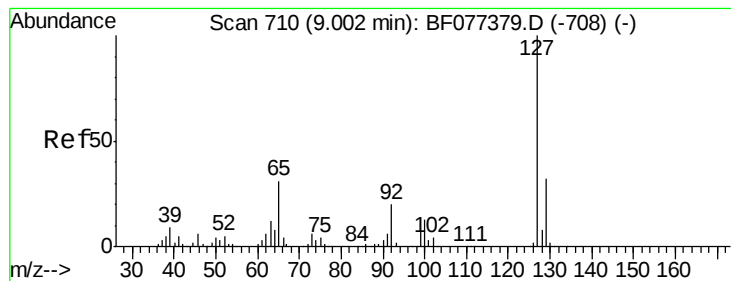
Tgt Ion:128 Resp: 442214
Ion Ratio Lower Upper
128 100
129 10.9 9.4 14.0
127 13.1 10.6 15.8



#32
Benzoic acid
Concen: 23.53 ng
RT: 8.50 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF077573.D
Acq: 4 Mar 2015 5:16

Tgt Ion:122 Resp: 64247
Ion Ratio Lower Upper
122 100
105 120.1 100.3 140.3
77 90.8 68.7 108.7





#33

4-Chloroaniline

Concen: 9.39 ng

RT: 8.92 min Scan# 702

Delta R.T. 0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

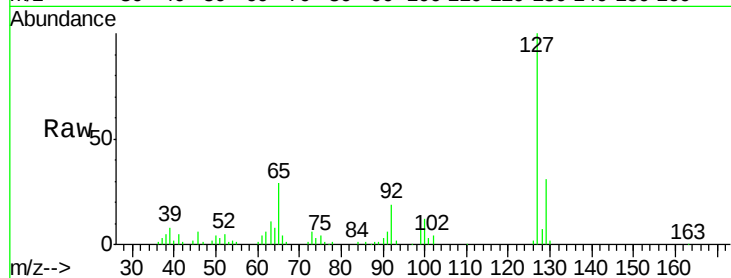
Instrument :

BNA_F

ClientSampleId :

VMA-2MS

Tgt Ion:	127	Resp:	75606
Ion	Ratio	Lower	Upper
127	100		
129	30.5	26.9	40.3
65	29.3	16.7	25.1#
92	19.2	12.5	18.7#

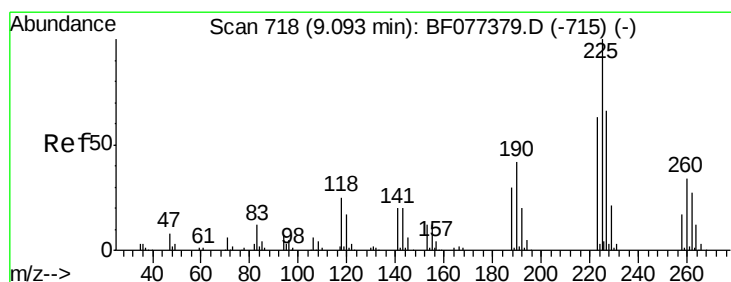
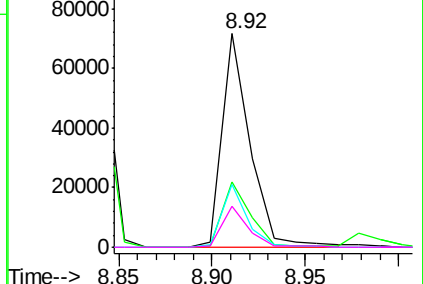
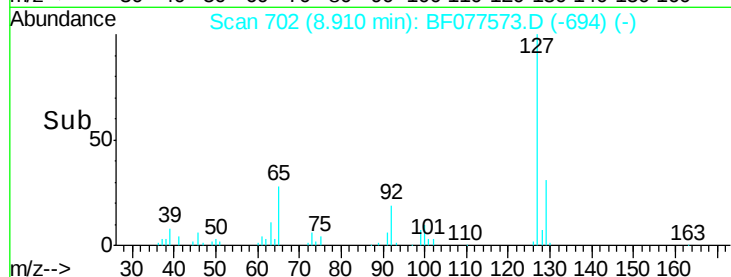


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 21.83 ng

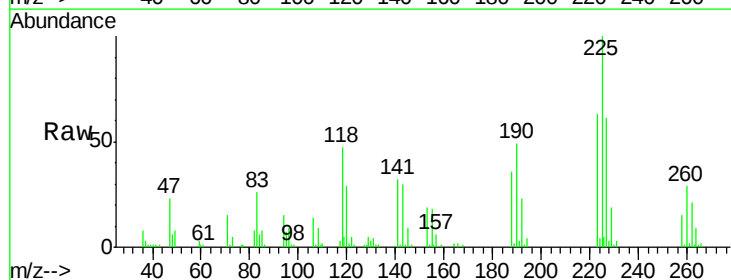
RT: 9.00 min Scan# 709

Delta R.T. -0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

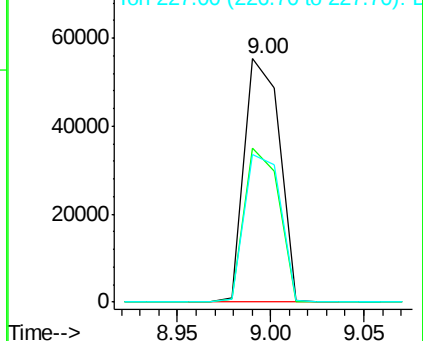
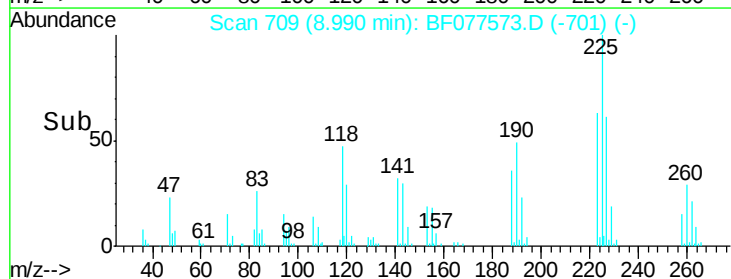
Tgt Ion:	225	Resp:	72276
Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.5	74.3
227	60.6	50.5	75.7

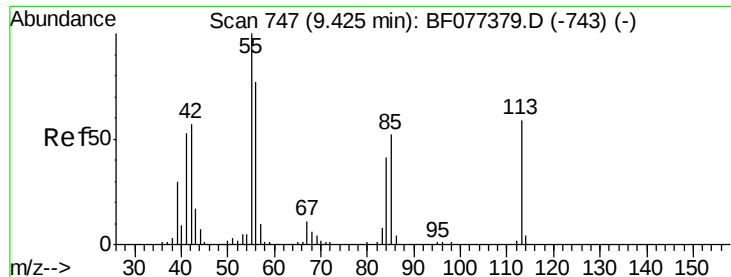


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

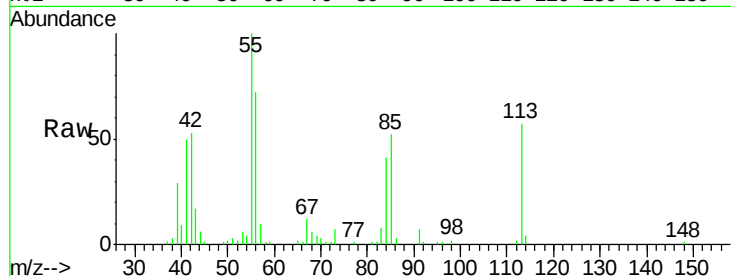




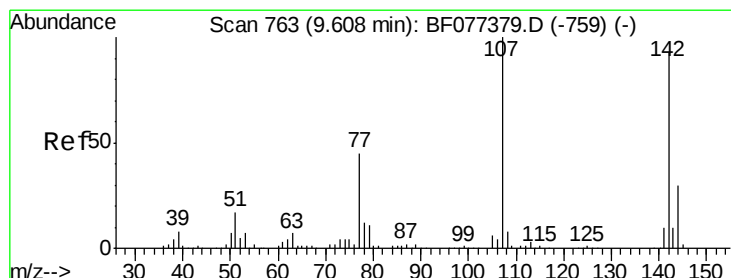
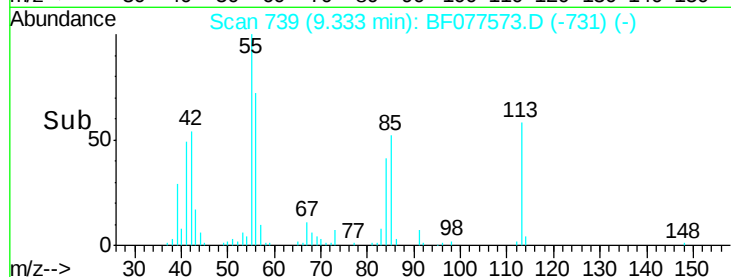
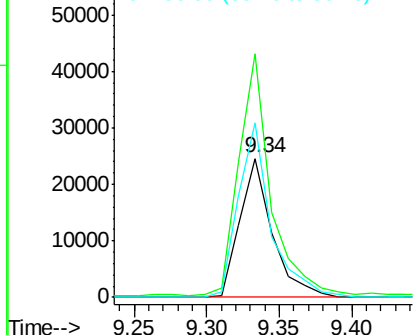
#35
Caprolactam
Concen: 23.72 ng
RT: 9.34 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF077573.D
Acq: 4 Mar 2015 5:16

Instrument :
BNA_F
ClientSampleId :
VMA-2MS

Tgt Ion:113 Resp: 38190
Ion Ratio Lower Upper
113 100
55 175.2 154.6 194.6
56 125.5 114.0 154.0

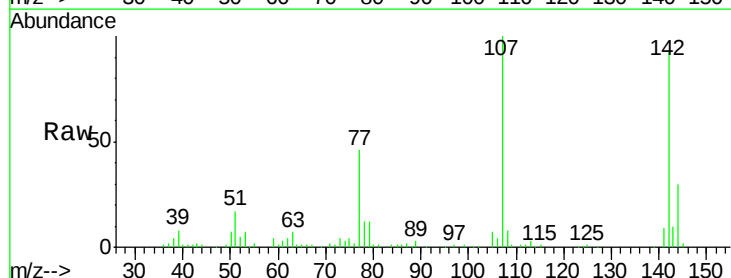


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

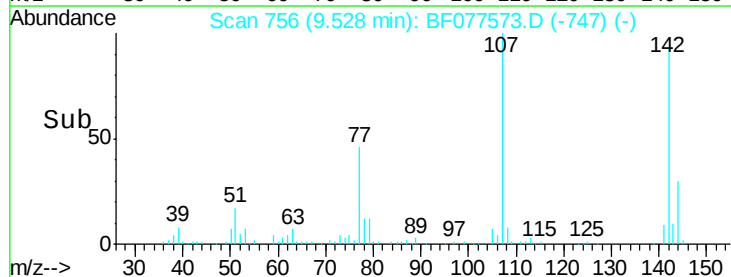
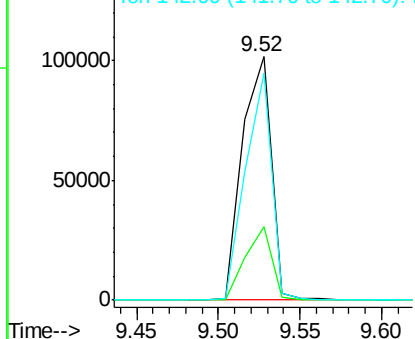


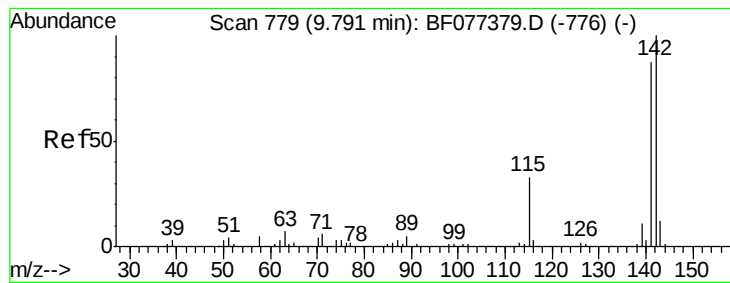
#36
4-Chloro-3-methylphenol
Concen: 23.65 ng
RT: 9.52 min Scan# 756
Delta R.T. -0.00 min
Lab File: BF077573.D
Acq: 4 Mar 2015 5:16

Tgt Ion:107 Resp: 125381
Ion Ratio Lower Upper
107 100
144 30.3 21.1 31.7
142 93.4 65.3 97.9



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

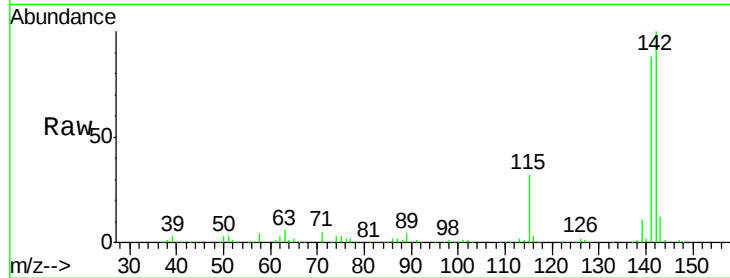




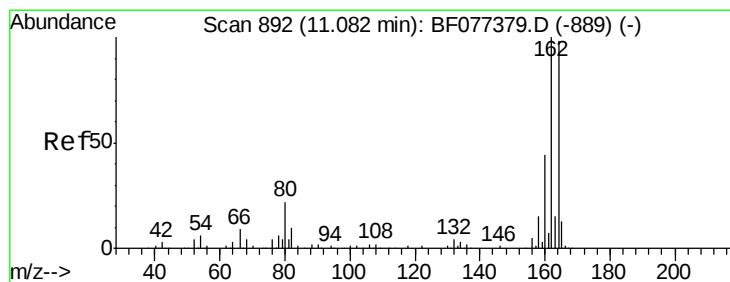
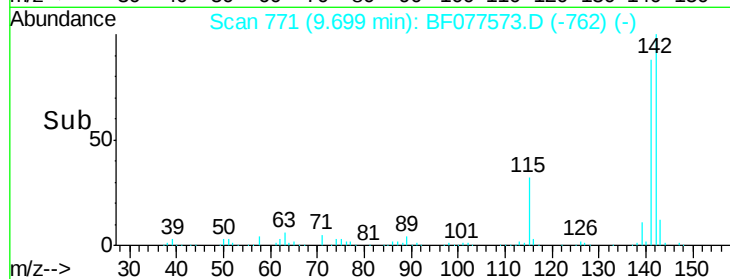
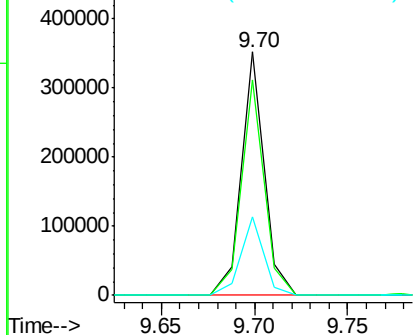
#37
 2-Methylnaphthalene
 Concen: 23.45 ng
 RT: 9.70 min Scan# 771
 Delta R.T. -0.00 min
 Lab File: BF077573.D
 Acq: 4 Mar 2015 5:16

Instrument :
 BNA_F
 ClientSampleId :
 VMA-2MS

Tgt Ion:142 Resp: 301591
 Ion Ratio Lower Upper
 142 100
 141 88.3 70.7 106.1
 115 32.1 24.2 36.4

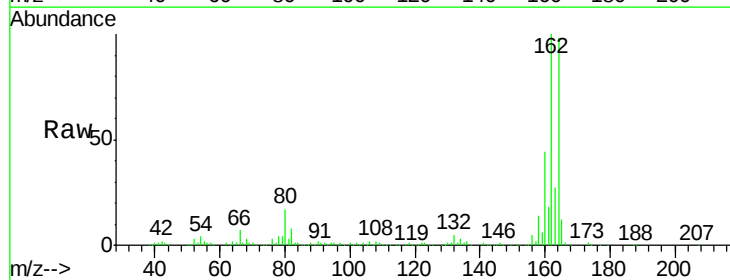


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

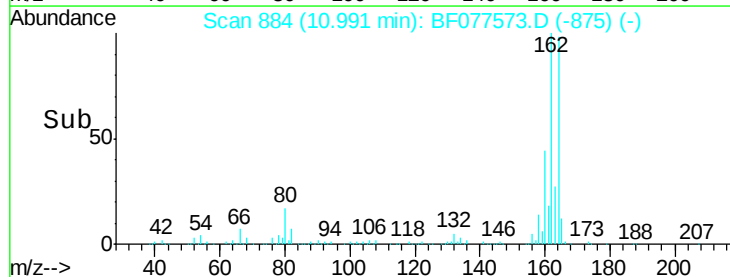
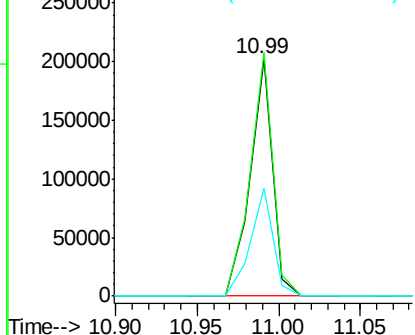


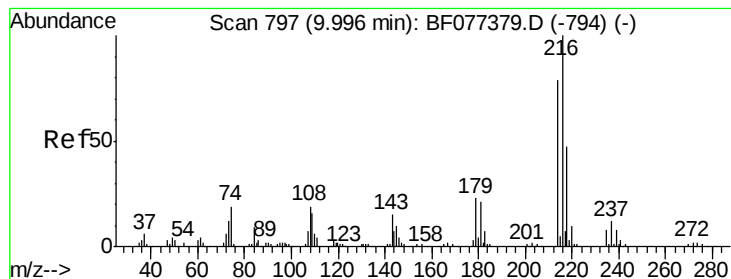
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.99 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BF077573.D
 Acq: 4 Mar 2015 5:16

Tgt Ion:164 Resp: 193048
 Ion Ratio Lower Upper
 164 100
 162 102.4 83.2 124.8
 160 45.4 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: 23.81 ng

RT: 9.91 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

Instrument :

BNA_F

ClientSampleId :

VMA-2MS

Tgt Ion:216 Resp: 131901

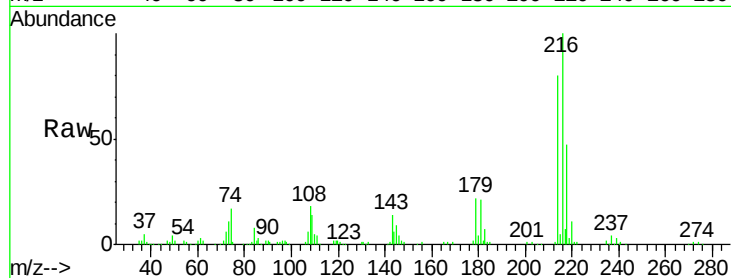
Ion Ratio Lower Upper

216 100

214 79.3 63.4 95.0

179 22.2 16.6 25.0

108 20.1 14.2 21.4

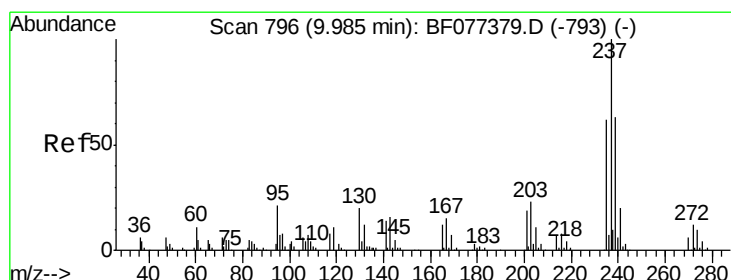
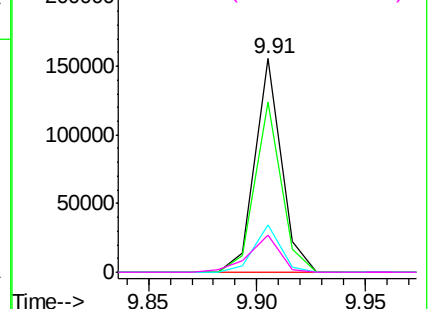
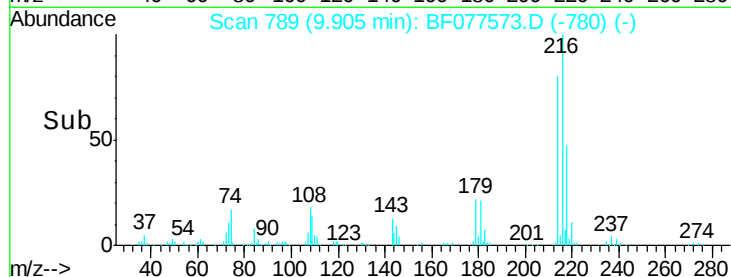


Abundance Ion 216.00 (215.70 to 216.70): E

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: 29.05 ng

RT: 9.89 min Scan# 788

Delta R.T. -0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

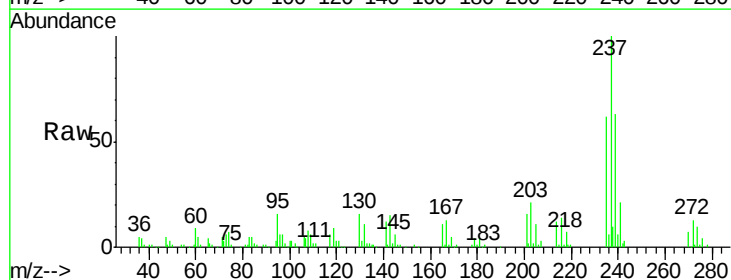
Tgt Ion:237 Resp: 86277

Ion Ratio Lower Upper

237 100

235 61.8 41.0 81.0

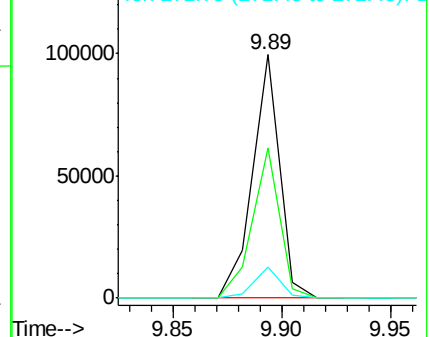
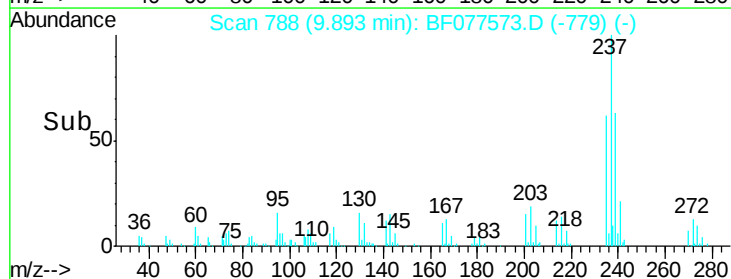
272 12.6 0.0 34.3

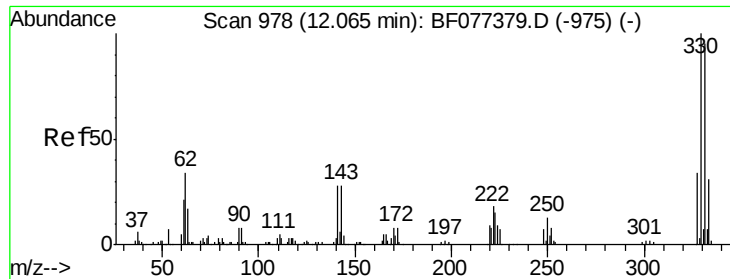


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

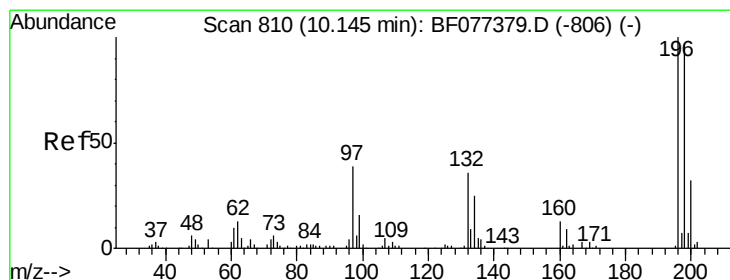
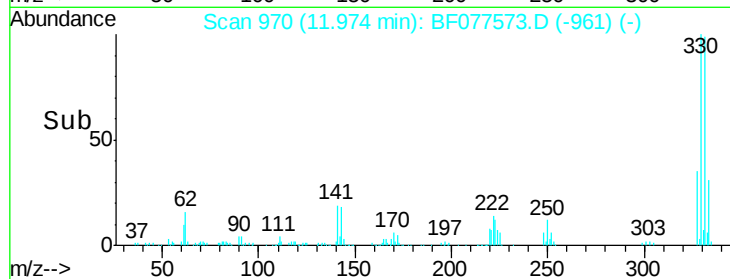
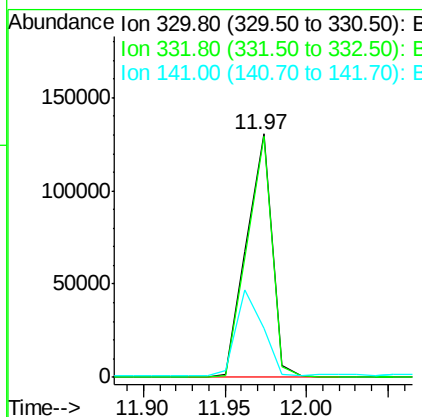
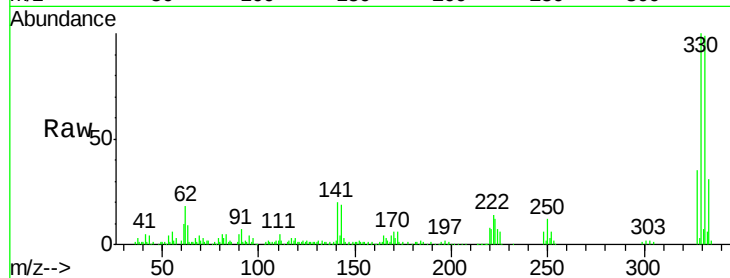




#41
 2,4,6-Tribromophenol
 Concen: 76.33 ng
 RT: 11.97 min Scan# 970
 Delta R.T. 0.00 min
 Lab File: BF077573.D
 Acq: 4 Mar 2015 5:16

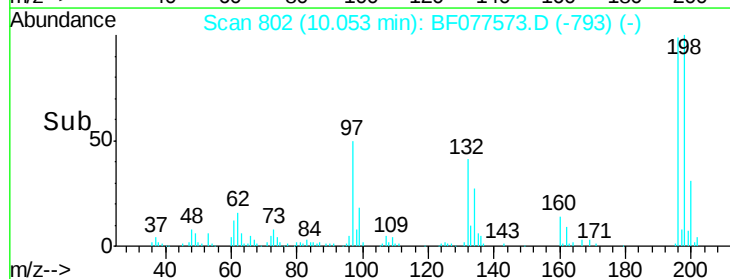
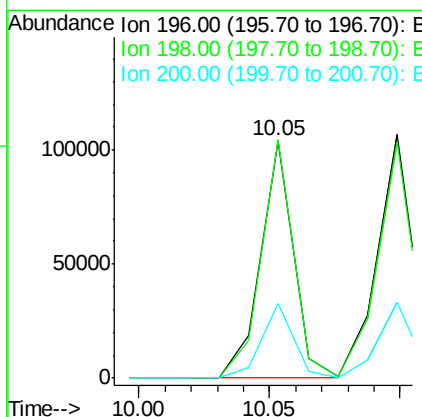
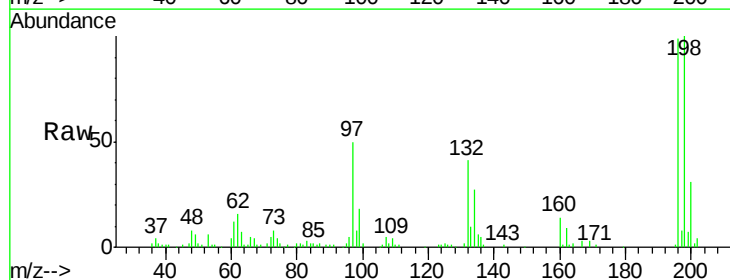
Instrument :
 BNA_F
 ClientSampleId :
 VMA-2MS

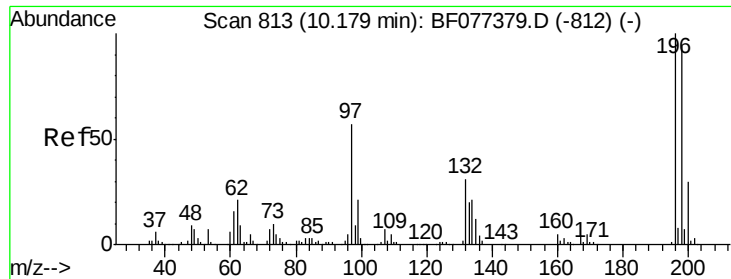
Tgt Ion:330 Resp: 141884
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.4 116.2
 141 36.7 28.8 43.2



#42
 2,4,6-Trichlorophenol
 Concen: 24.65 ng
 RT: 10.05 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF077573.D
 Acq: 4 Mar 2015 5:16

Tgt Ion:196 Resp: 90414
 Ion Ratio Lower Upper
 196 100
 198 100.5 75.8 113.8
 200 31.6 24.2 36.4

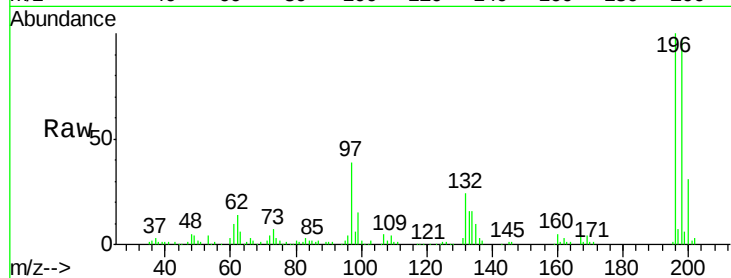




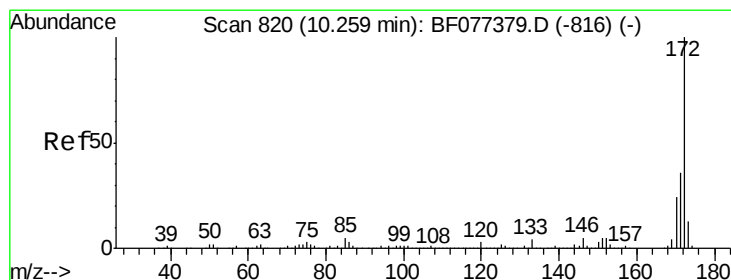
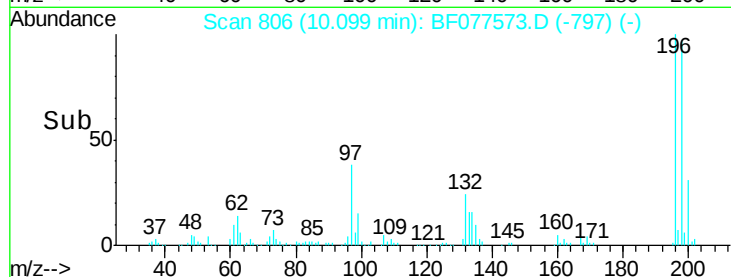
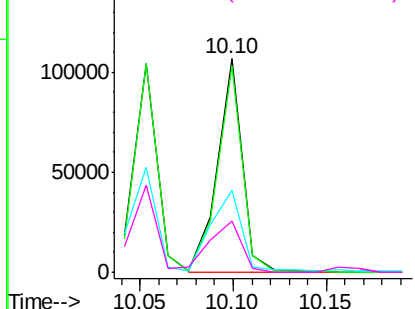
#43
 2,4,5-Trichlorophenol
 Concen: 25.34 ng
 RT: 10.10 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF077573.D
 Acq: 4 Mar 2015 5:16

Instrument :
 BNA_F
 ClientSampleId :
 VMA-2MS

Tgt Ion:196 Resp: 99410
 Ion Ratio Lower Upper
 196 100
 198 96.8 77.2 115.8
 97 38.6 27.7 41.5
 132 23.9 18.0 27.0

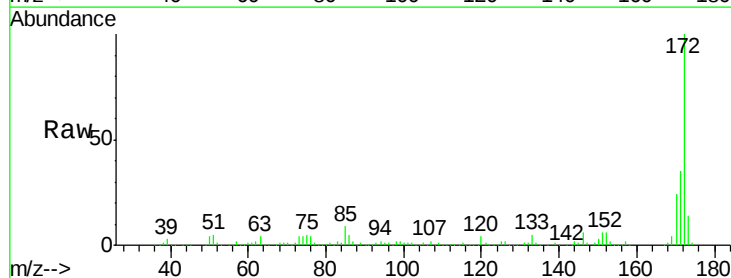


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

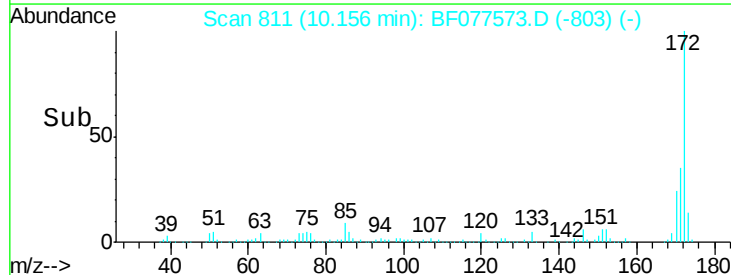
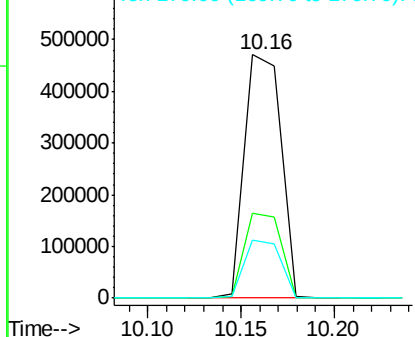


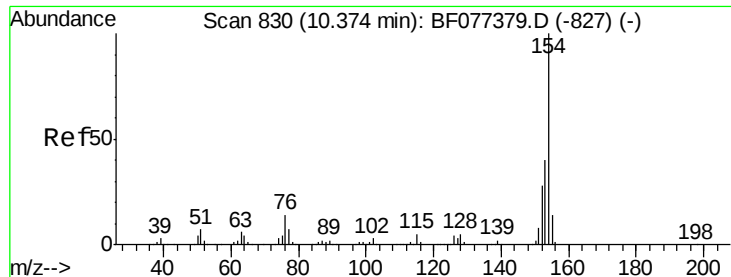
#44
 2-Fluorobiphenyl
 Concen: 51.60 ng
 RT: 10.16 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF077573.D
 Acq: 4 Mar 2015 5:16

Tgt Ion:172 Resp: 638884
 Ion Ratio Lower Upper
 172 100
 171 34.9 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

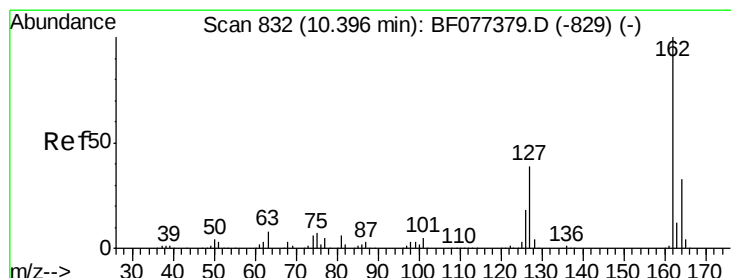
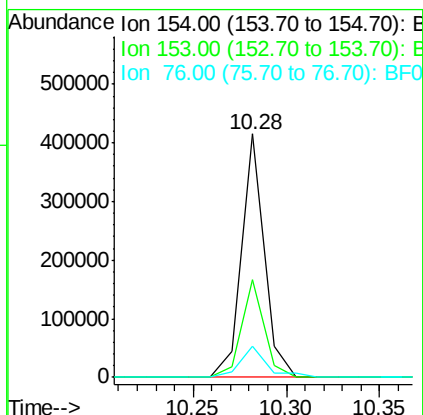
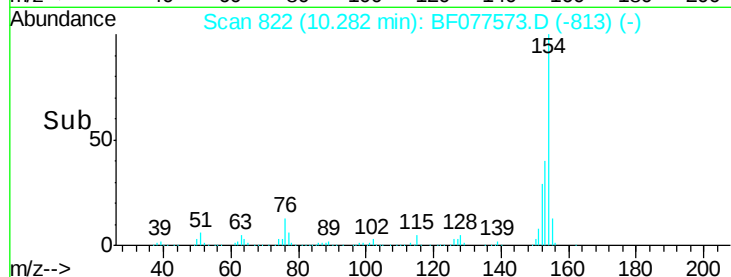
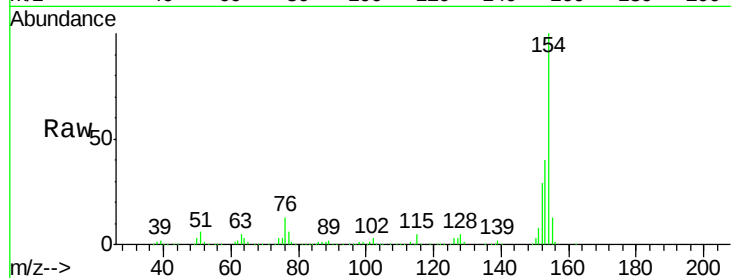




#45
1,1'-Biphenyl
Concen: 24.01 ng
RT: 10.28 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF077573.D
Acq: 4 Mar 2015 5:16

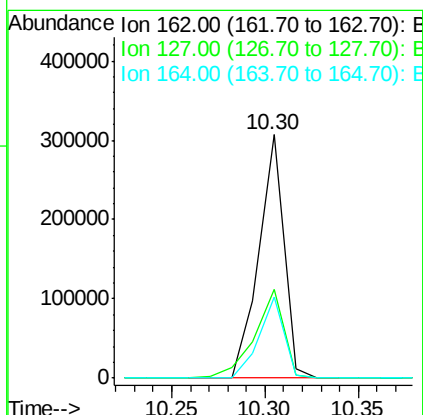
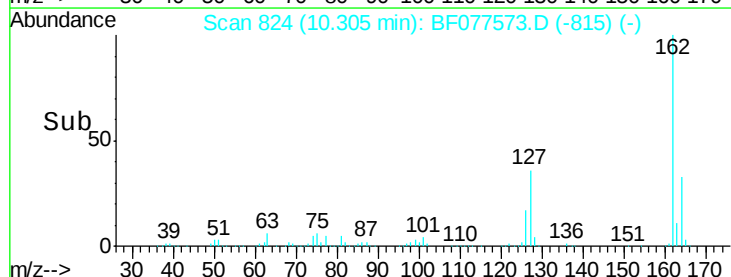
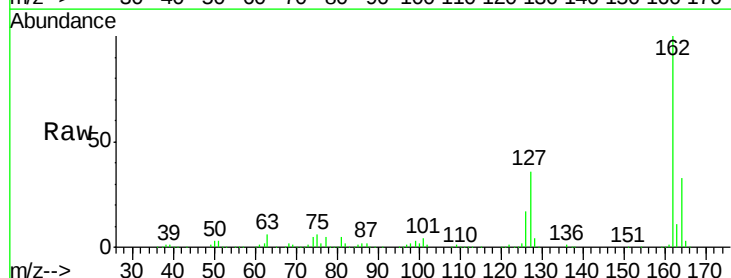
Instrument :
BNA_F
ClientSampleId :
VMA-2MS

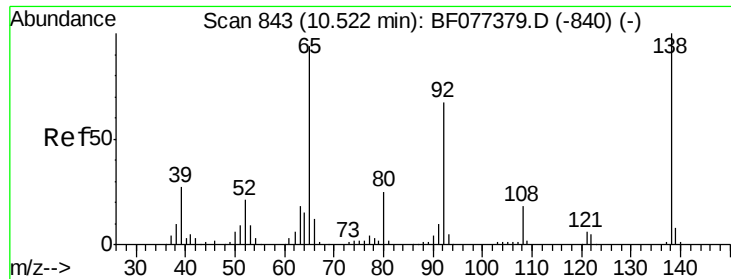
Tgt Ion:154 Resp: 351092
Ion Ratio Lower Upper
154 100
153 40.1 20.2 60.2
76 13.0 0.0 29.4



#46
2-Chloronaphthalene
Concen: 24.96 ng
RT: 10.30 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF077573.D
Acq: 4 Mar 2015 5:16

Tgt Ion:162 Resp: 286295
Ion Ratio Lower Upper
162 100
127 36.4 33.3 49.9
164 33.1 26.2 39.4

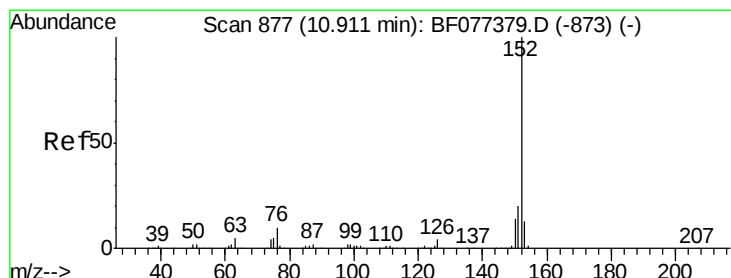
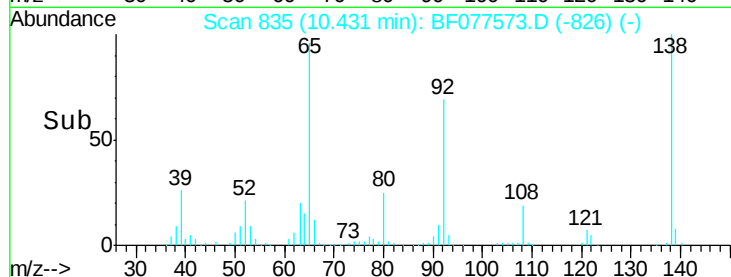
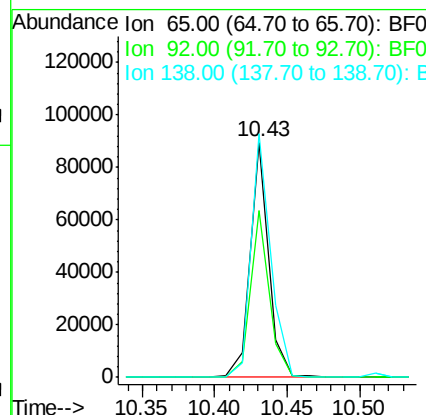
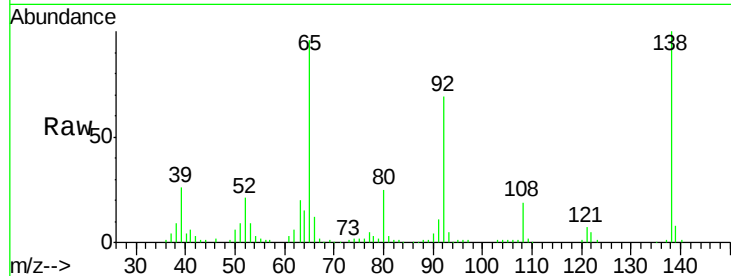




#47
 2-Nitroaniline
 Concen: 27.97 ng
 RT: 10.43 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BF077573.D
 Acq: 4 Mar 2015 5:16

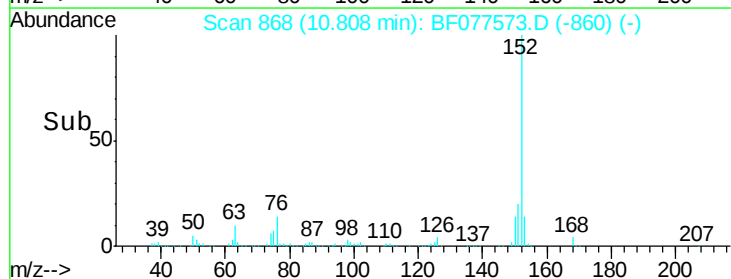
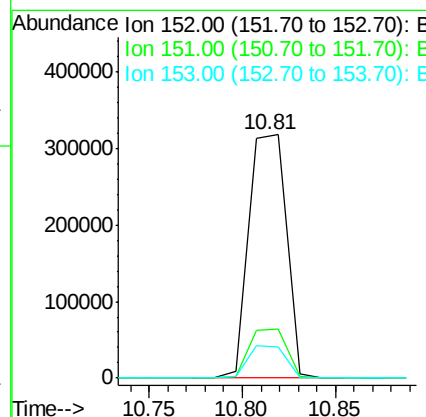
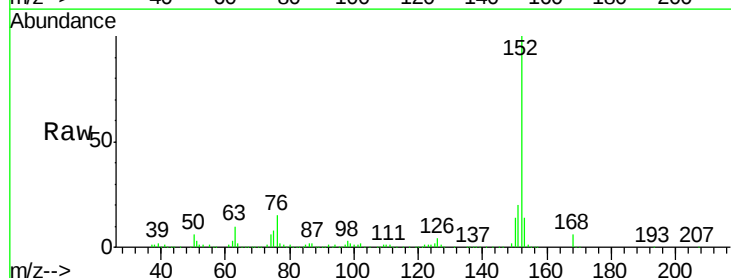
Instrument :
 BNA_F
 ClientSampleId :
 VMA-2MS

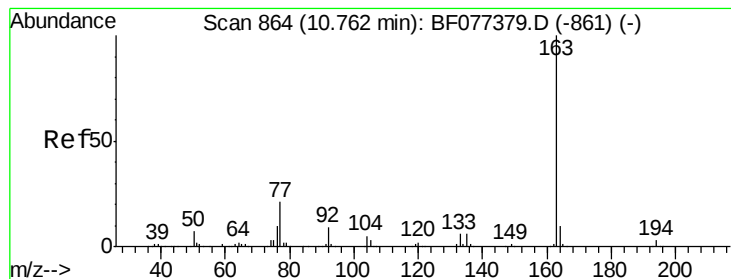
Tgt Ion: 65 Resp: 78973
 Ion Ratio Lower Upper
 65 100
 92 71.3 52.4 78.6
 138 103.7 73.4 110.0



#48
 Acenaphthylene
 Concen: 24.48 ng
 RT: 10.81 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: BF077573.D
 Acq: 4 Mar 2015 5:16

Tgt Ion: 152 Resp: 444487
 Ion Ratio Lower Upper
 152 100
 151 19.8 16.1 24.1
 153 13.6 10.9 16.3





#49

Dimethylphthalate

Concen: 24.95 ng

RT: 10.67 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

Instrument :

BNA_F

ClientSampleId :

VMA-2MS

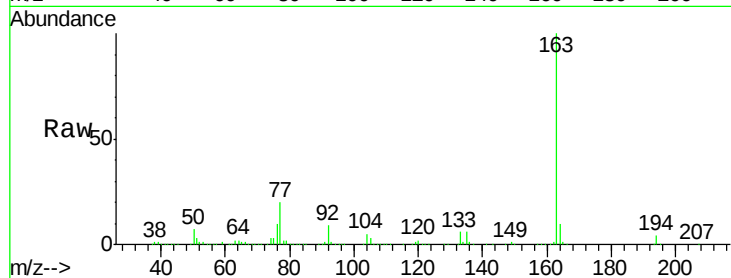
Tgt Ion:163 Resp: 338534

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

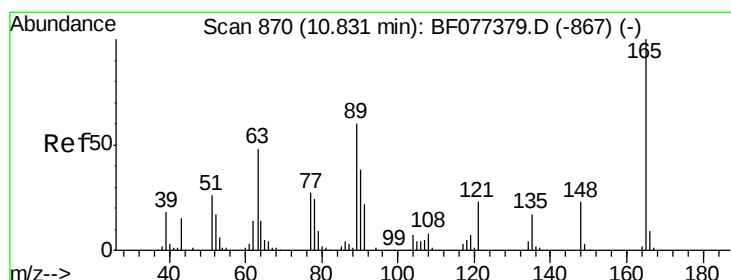
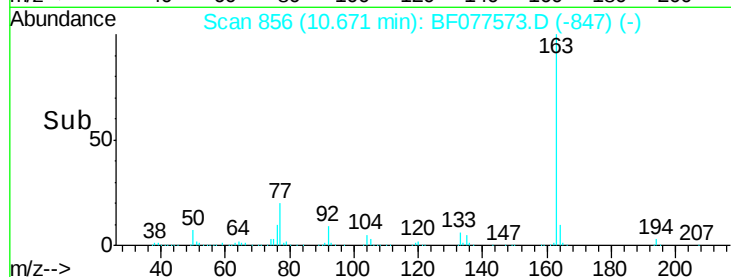
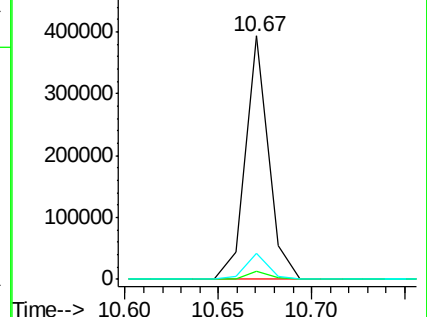
164 10.4 8.6 13.0



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: 24.59 ng

RT: 10.74 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

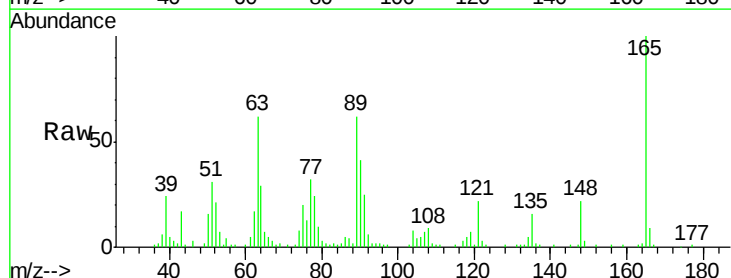
Tgt Ion:165 Resp: 66927

Ion Ratio Lower Upper

165 100

63 62.5 25.2 37.8#

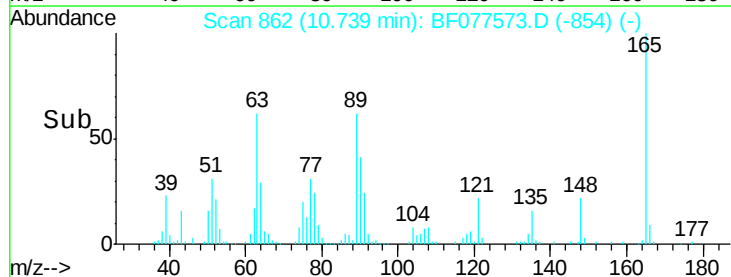
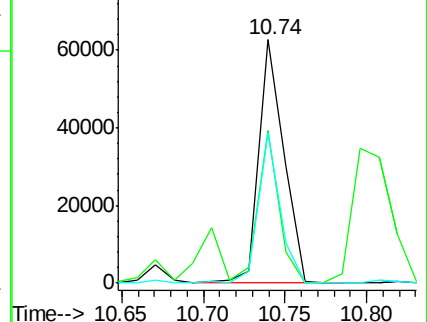
89 61.8 30.5 45.7#

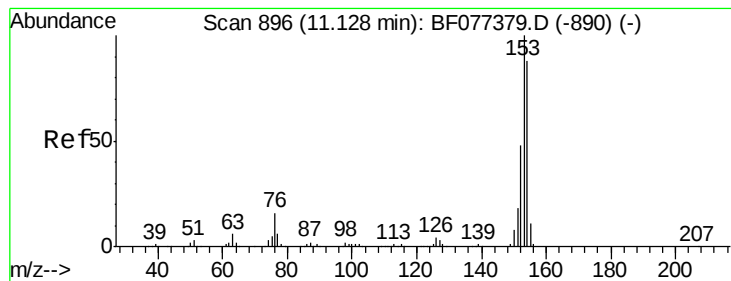


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 23.72 ng

RT: 11.03 min Scan# 887

Delta R.T. -0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

Instrument :

BNA_F

ClientSampleId :

VMA-2MS

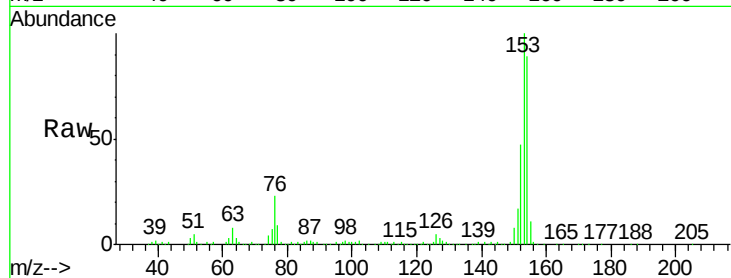
Tgt Ion:154 Resp: 257049

Ion Ratio Lower Upper

154 100

153 112.1 90.5 135.7

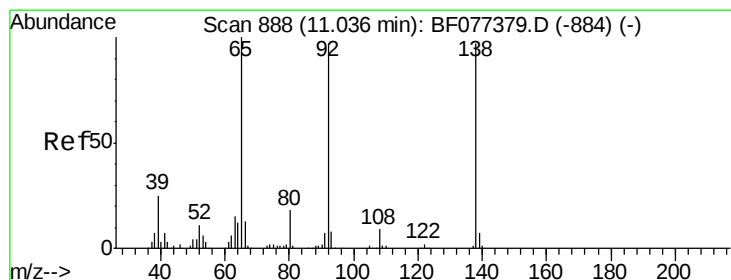
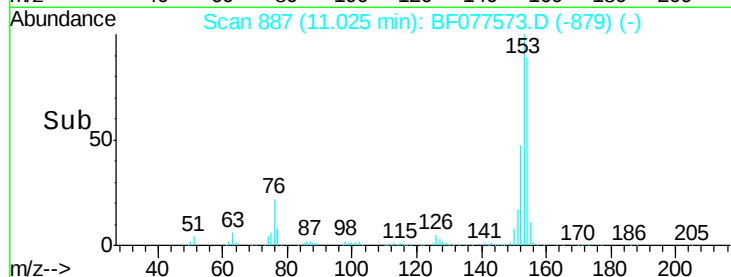
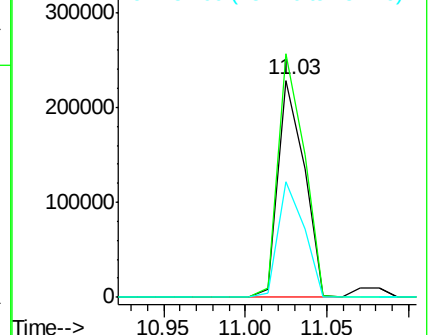
152 53.1 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 19.79 ng

RT: 10.94 min Scan# 880

Delta R.T. -0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

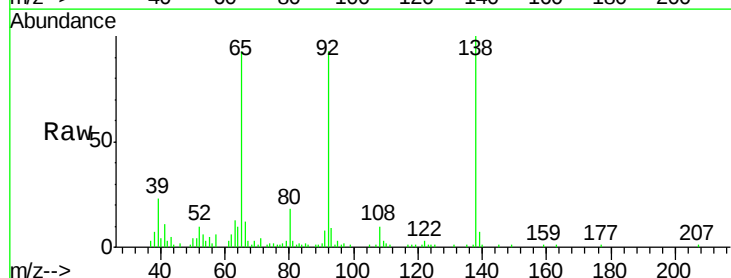
Tgt Ion:138 Resp: 62088

Ion Ratio Lower Upper

138 100

108 9.6 7.8 11.8

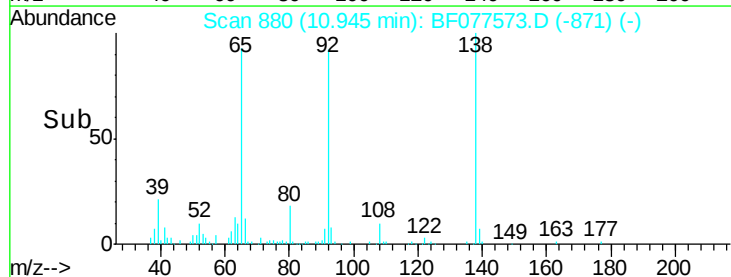
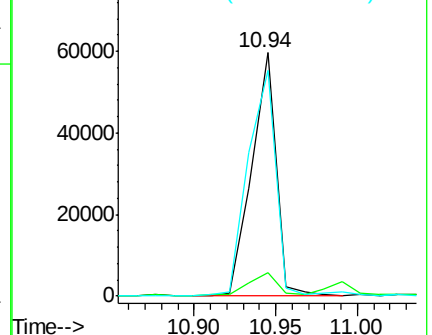
92 92.7 90.6 135.8

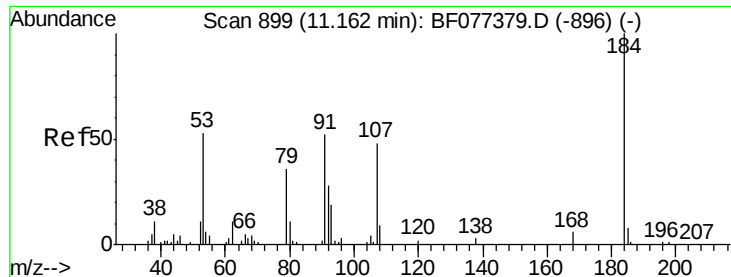


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

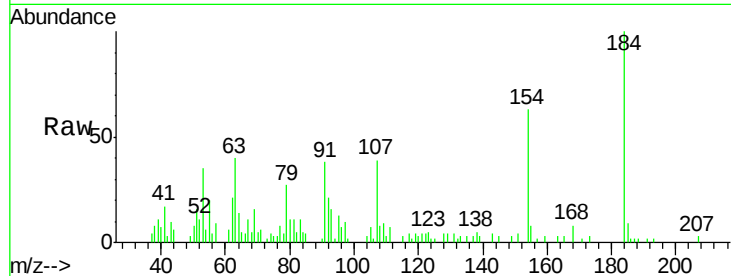




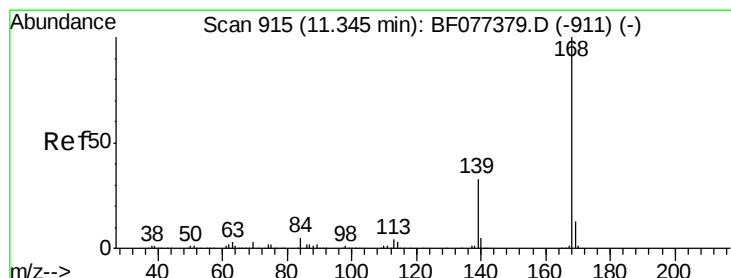
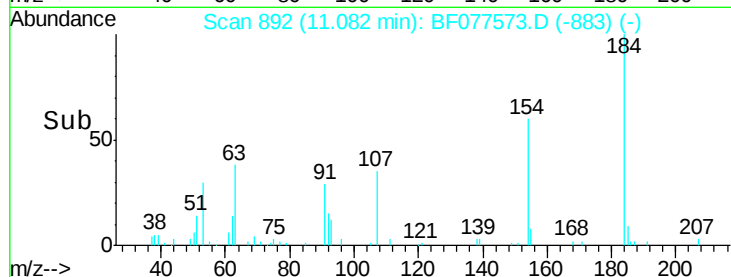
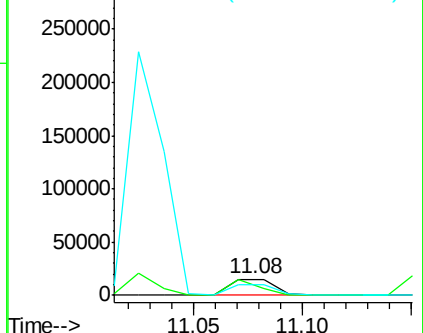
#53
2,4-Dinitrophenol
Concen: 26.04 ng
RT: 11.08 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF077573.D
Acq: 4 Mar 2015 5:16

Instrument :
BNA_F
ClientSampleId :
VMA-2MS

Tgt Ion:184 Resp: 21565
Ion Ratio Lower Upper
184 100
63 40.3 29.5 44.3
154 62.9 43.2 64.8

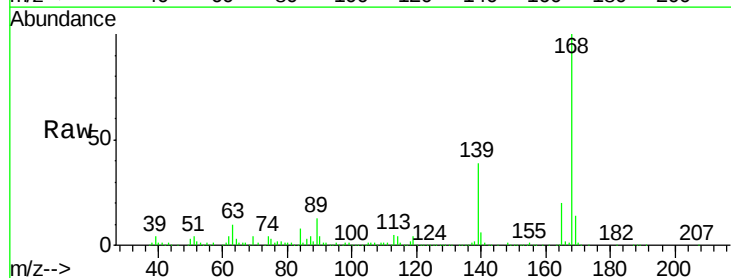


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

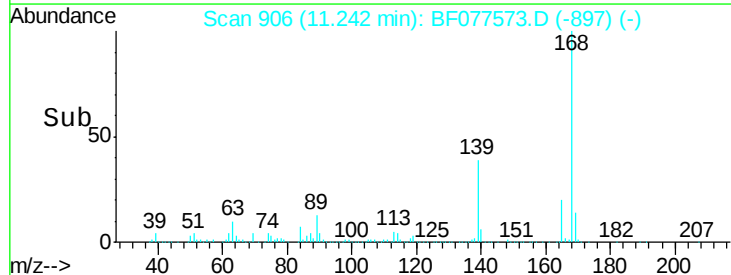
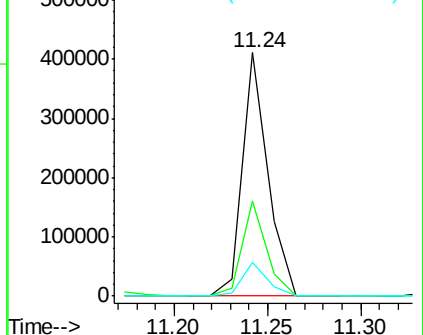


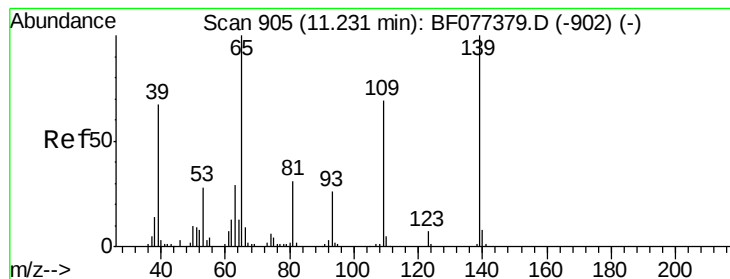
#54
Dibenzofuran
Concen: 23.24 ng
RT: 11.24 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF077573.D
Acq: 4 Mar 2015 5:16

Tgt Ion:168 Resp: 388819
Ion Ratio Lower Upper
168 100
139 38.9 29.3 43.9
169 13.6 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: 53.54 ng

RT: 11.16 min Scan# 899

Delta R.T. 0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

Instrument :

BNA_F

ClientSampleId :

VMA-2MS

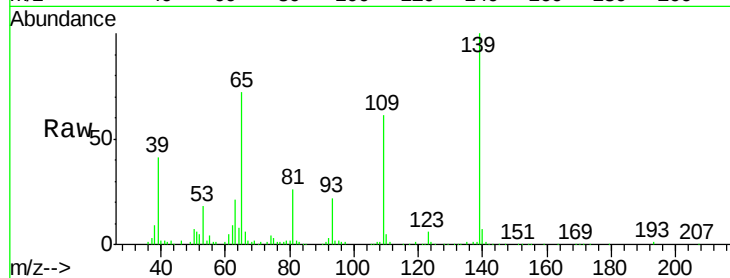
Tgt Ion:139 Resp: 135105

Ion Ratio Lower Upper

139 100

109 61.0 36.2 76.2

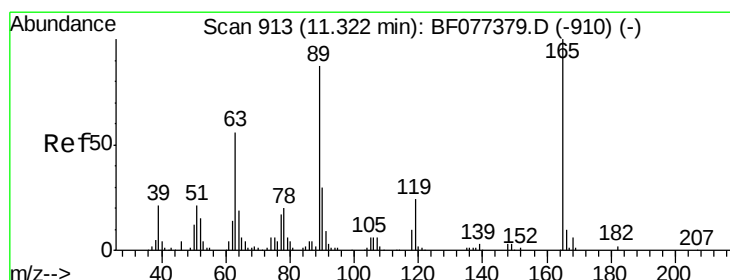
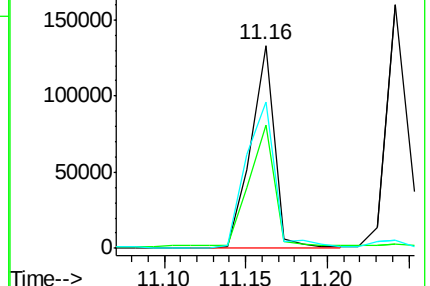
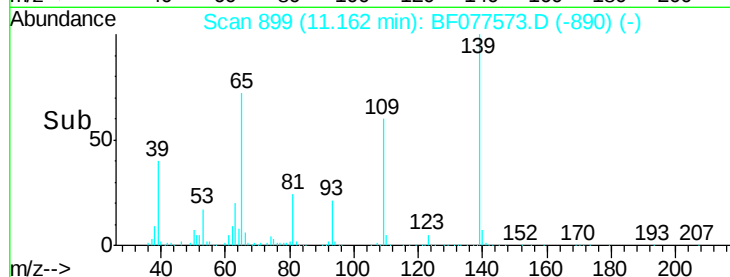
65 71.9 40.3 80.3



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: 25.52 ng

RT: 11.24 min Scan# 906

Delta R.T. -0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

Tgt Ion:165 Resp: 93827

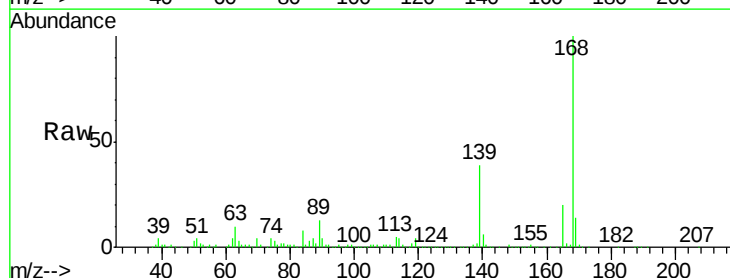
Ion Ratio Lower Upper

165 100

63 49.6 29.8 44.8#

89 62.3 48.5 72.7

182 2.3 1.9 2.9

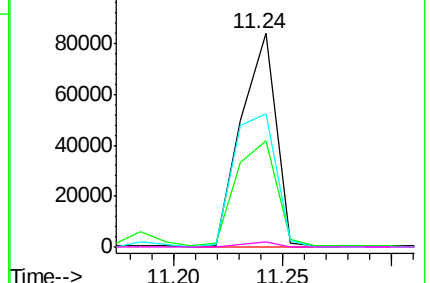
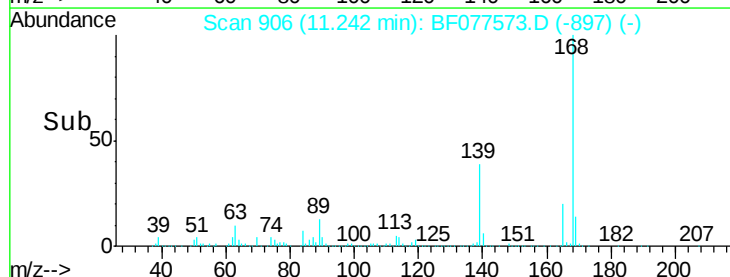


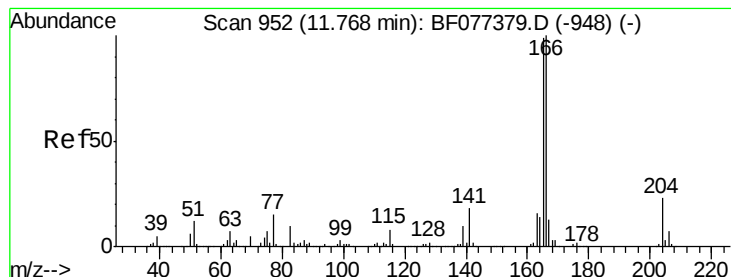
Abundance Ion 165.00 (164.70 to 165.70): E

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: 24.36 ng

RT: 11.67 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

Instrument :

BNA_F

ClientSampleId :

VMA-2MS

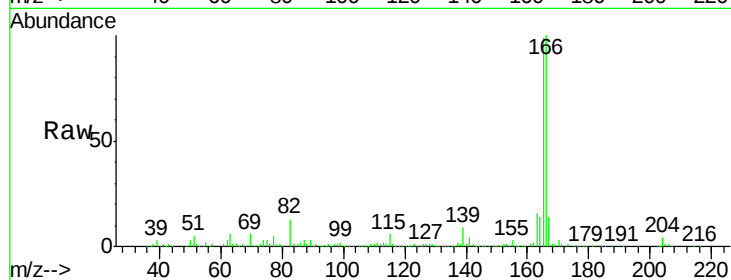
Tgt Ion:166 Resp: 325848

Ion Ratio Lower Upper

166 100

165 98.6 77.6 116.4

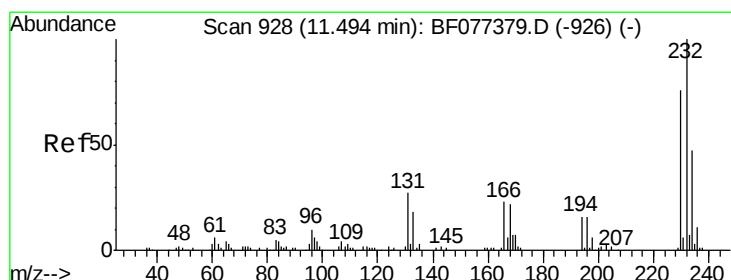
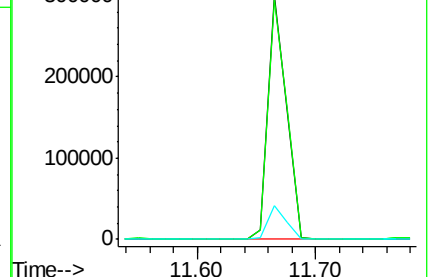
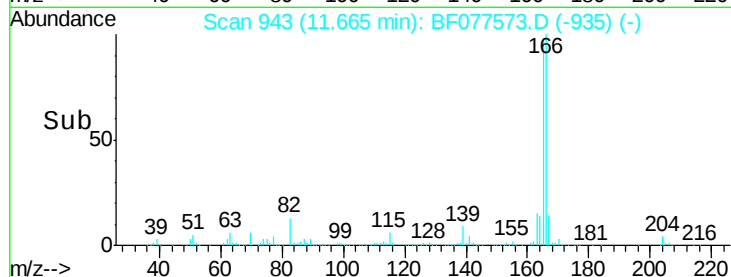
167 13.7 10.6 16.0



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: 24.62 ng

RT: 11.40 min Scan# 920

Delta R.T. -0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

Tgt Ion:232 Resp: 77638

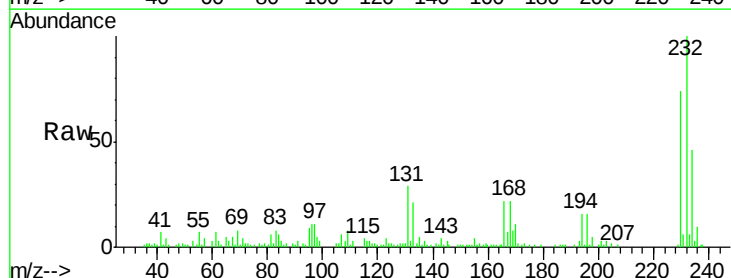
Ion Ratio Lower Upper

232 100

131 45.2 34.2 51.2

130 3.0 1.8 2.6#

166 30.6 24.3 36.5

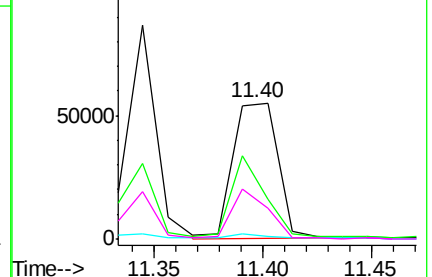
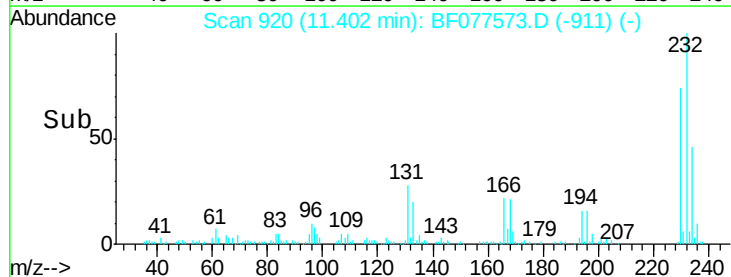


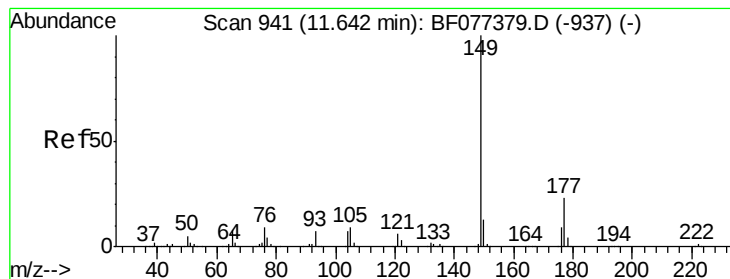
Abundance Ion 232.00 (231.70 to 232.70): E

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: 23.40 ng

RT: 11.55 min Scan# 933

Delta R.T. -0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

Instrument :

BNA_F

ClientSampleId :

VMA-2MS

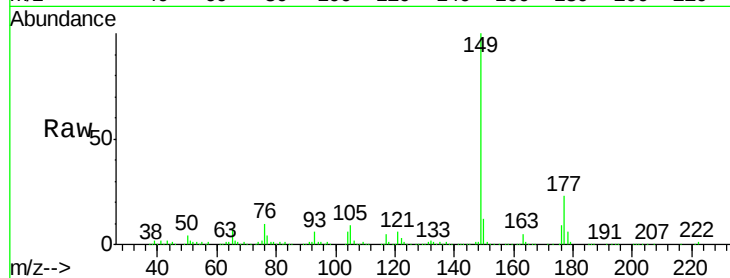
Tgt Ion:149 Resp: 313008

Ion Ratio Lower Upper

149 100

177 22.9 17.2 25.8

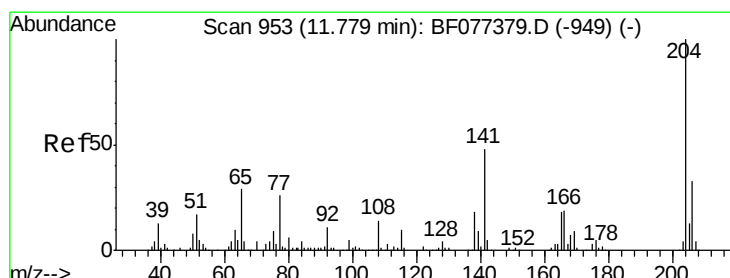
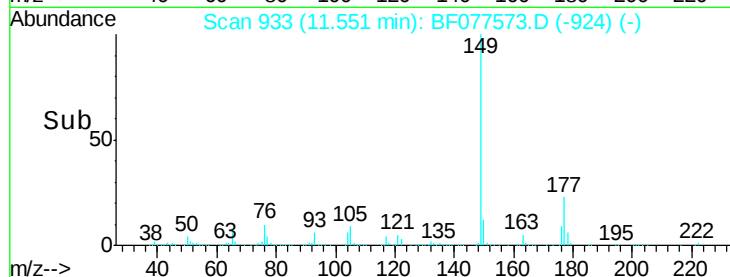
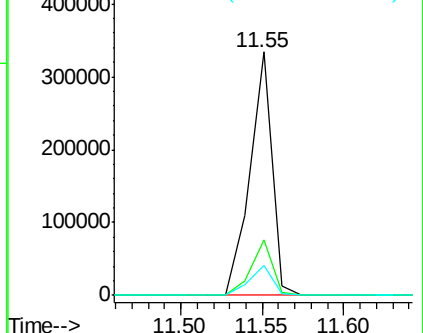
150 12.1 10.5 15.7



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: 22.21 ng

RT: 11.68 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

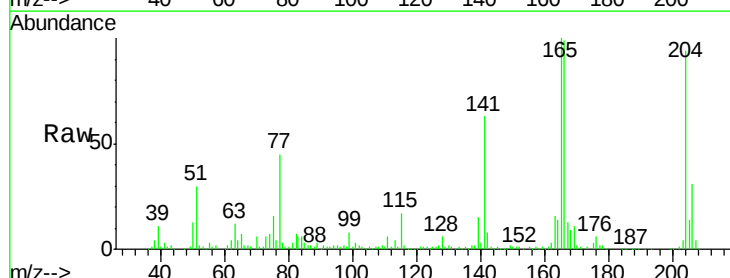
Tgt Ion:204 Resp: 143120

Ion Ratio Lower Upper

204 100

206 32.5 25.9 38.9

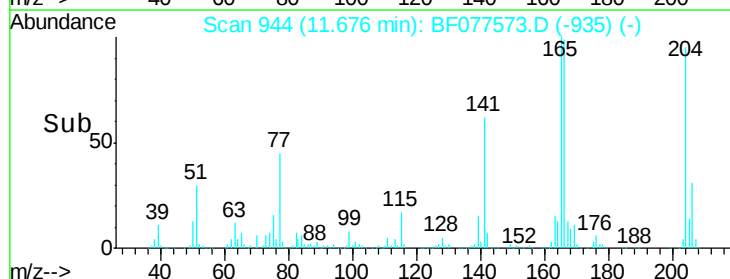
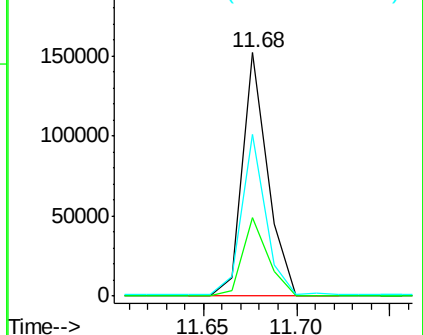
141 66.3 43.6 65.4#

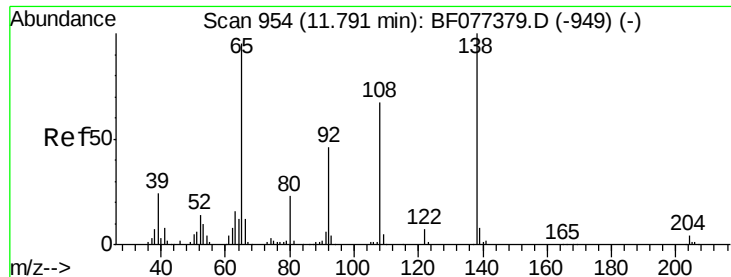


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

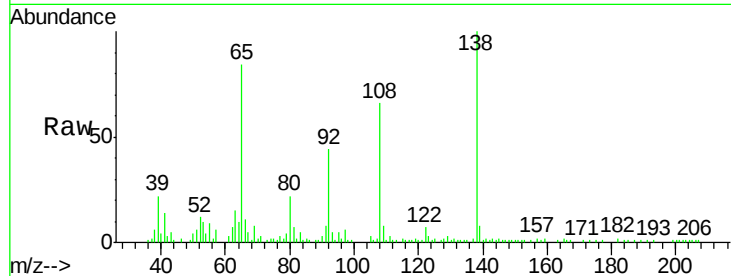




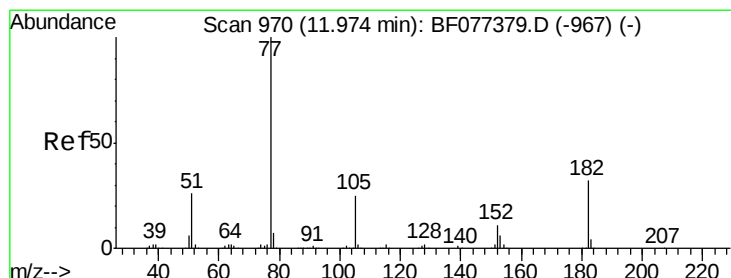
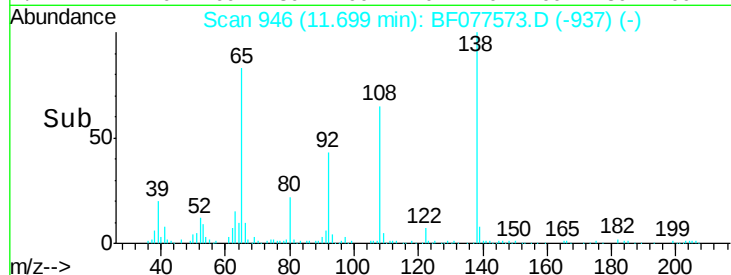
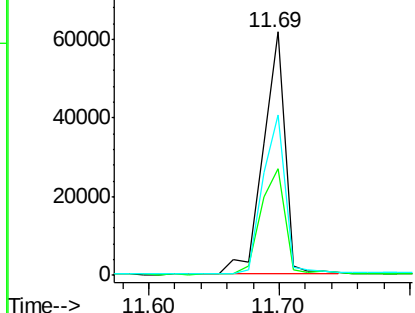
#61
4-Nitroaniline
Concen: 23.97 ng
RT: 11.69 min Scan# 946
Delta R.T. -0.00 min
Lab File: BF077573.D
Acq: 4 Mar 2015 5:16

Instrument :
BNA_F
ClientSampleId :
VMA-2MS

Tgt Ion:138 Resp: 72092
Ion Ratio Lower Upper
138 100
92 43.5 32.8 72.8
108 66.0 52.1 92.1

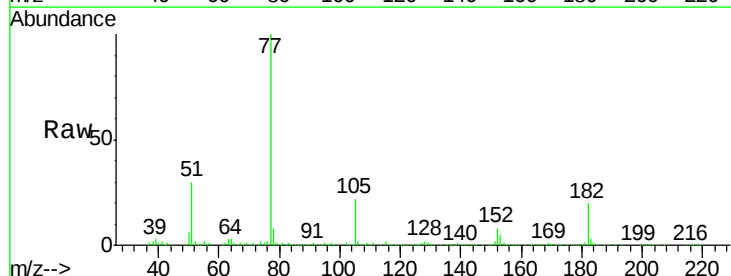


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

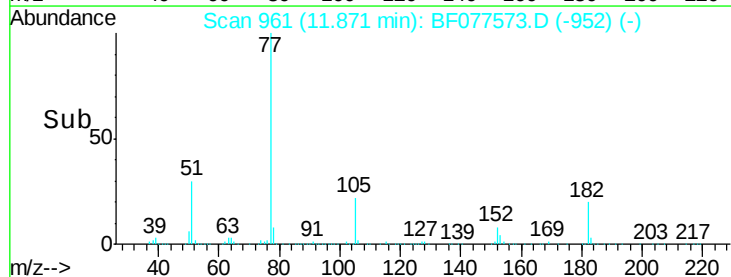
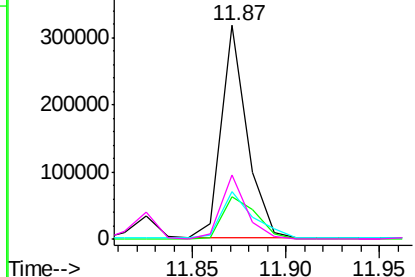


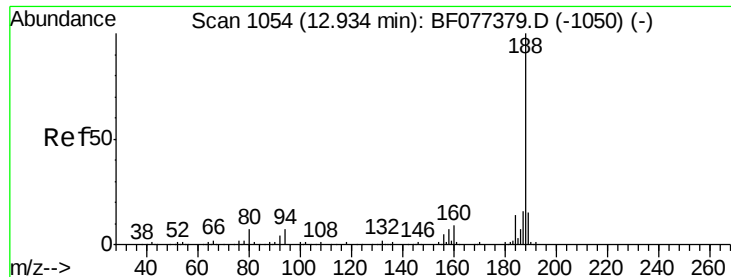
#62
Azobenzene
Concen: 24.13 ng
RT: 11.87 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF077573.D
Acq: 4 Mar 2015 5:16

Tgt Ion: 77 Resp: 306309
Ion Ratio Lower Upper
77 100
182 20.0 4.9 44.9
105 22.2 3.3 43.3
51 30.1 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: BF077573.D

Acq: 4 Mar 2015 5:16

Instrument :

BNA_F

ClientSampled :

VMA-2MS

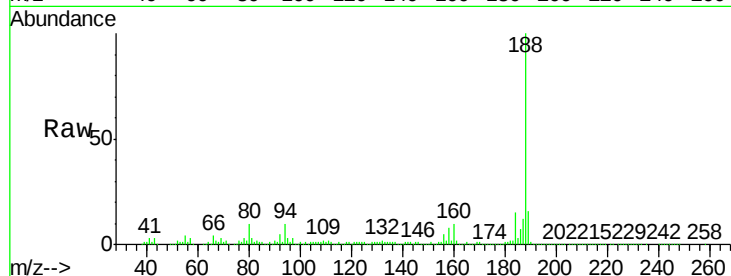
Tgt Ion:188 Resp: 367384

Ion Ratio Lower Upper

188 100

94 9.7 7.4 11.2

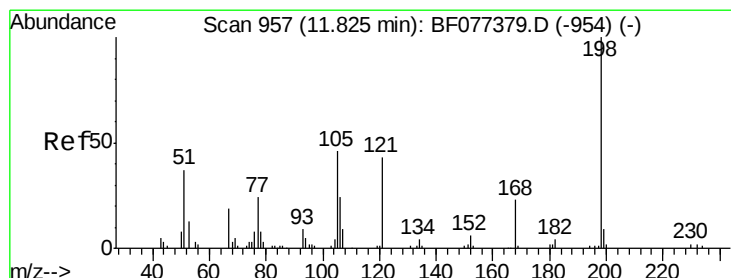
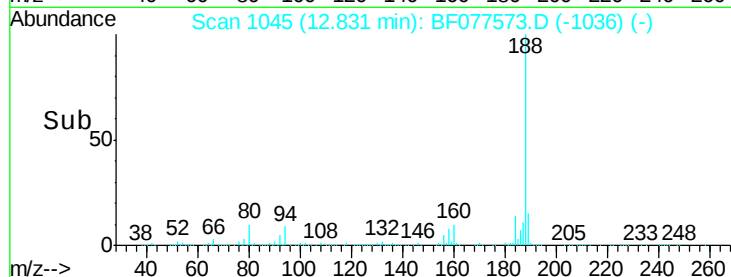
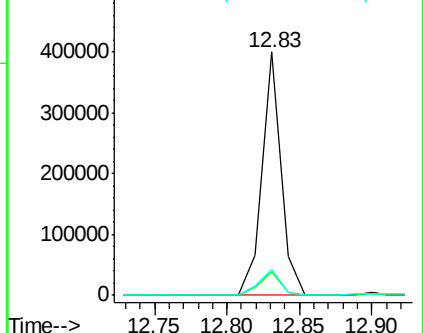
80 10.5 8.0 12.0



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: 14.95 ng

RT: 11.74 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

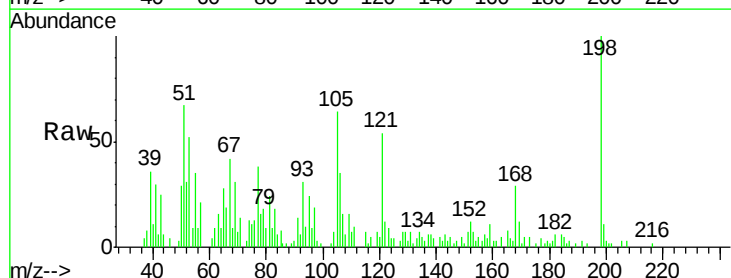
Tgt Ion:198 Resp: 17847

Ion Ratio Lower Upper

198 100

51 66.9 2.7 42.7#

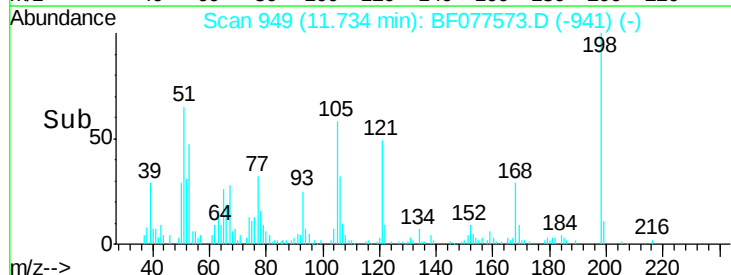
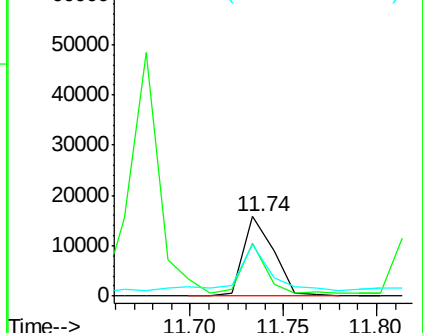
105 64.4 10.0 50.0#

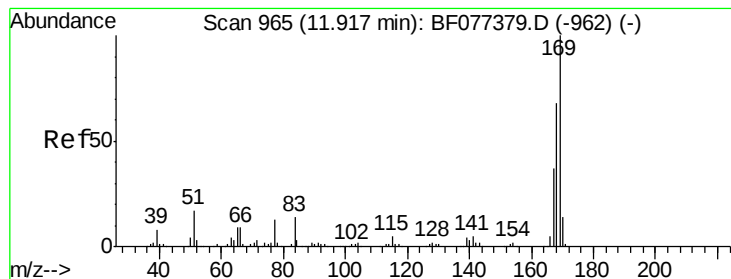


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 23.84 ng

RT: 11.83 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

Instrument :

BNA_F

ClientSampleId :

VMA-2MS

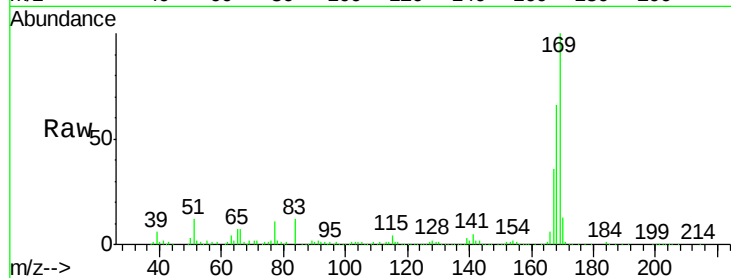
Tgt Ion:169 Resp: 290549

Ion Ratio Lower Upper

169 100

168 65.8 53.0 79.6

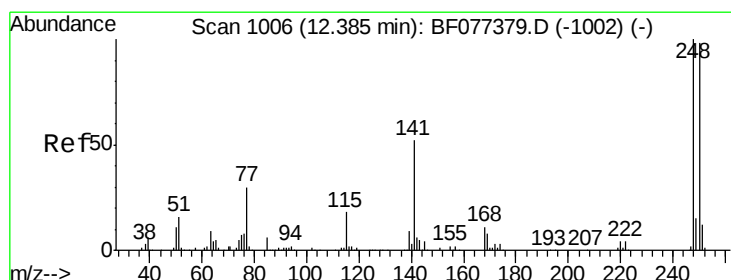
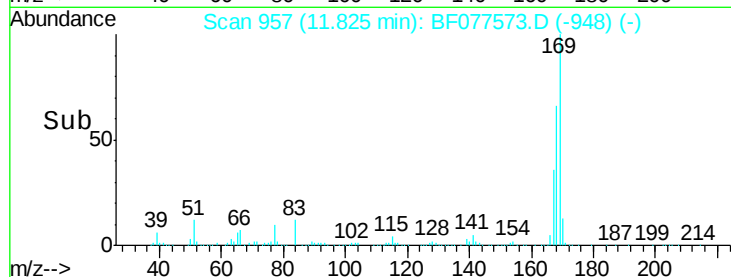
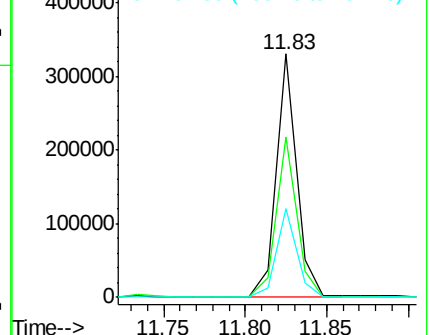
167 36.2 29.5 44.3



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: 20.87 ng

RT: 12.28 min Scan# 997

Delta R.T. -0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

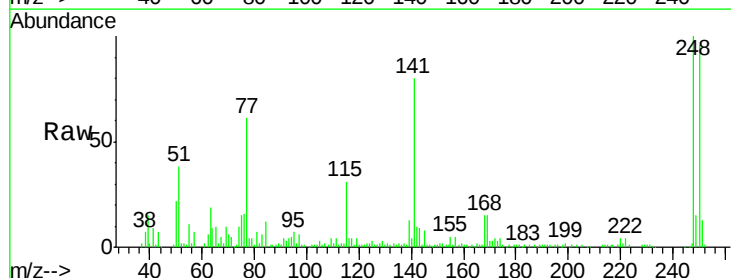
Tgt Ion:248 Resp: 89800

Ion Ratio Lower Upper

248 100

250 95.7 78.0 117.0

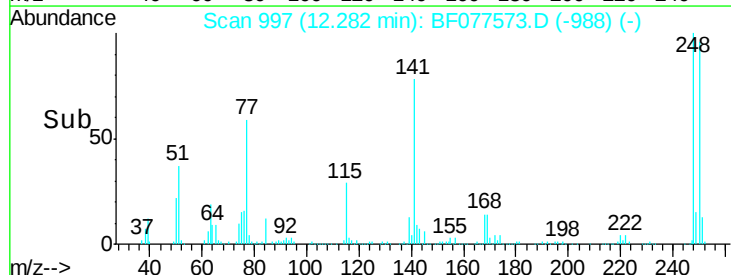
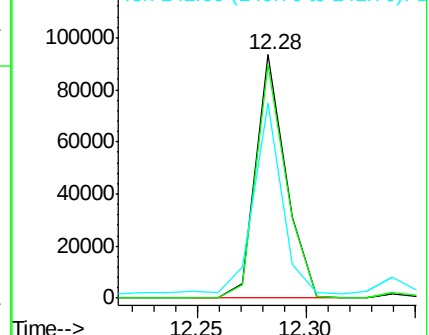
141 79.9 54.1 81.1

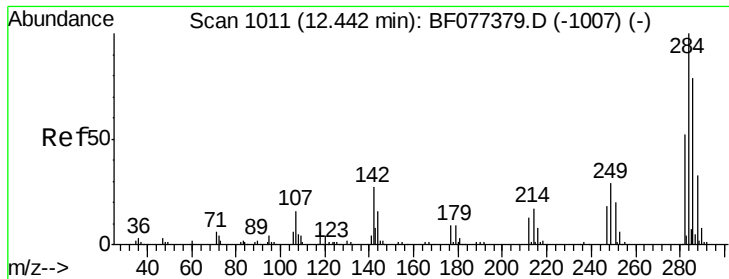


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 21.03 ng

RT: 12.34 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

Instrument :

BNA_F

ClientSampled :

VMA-2MS

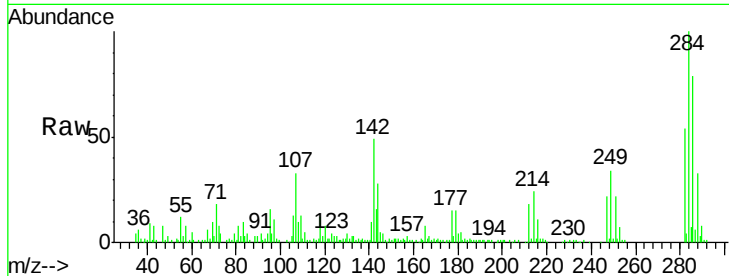
Tgt Ion:284 Resp: 97097

Ion Ratio Lower Upper

284 100

142 49.0 31.6 47.4#

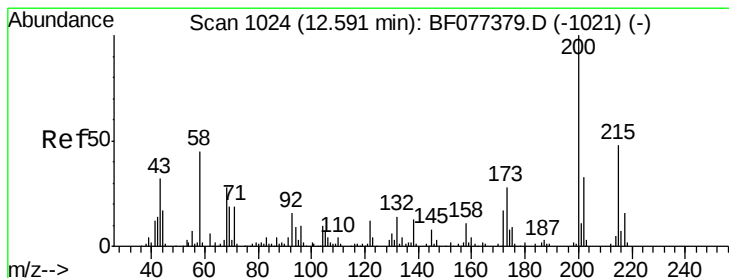
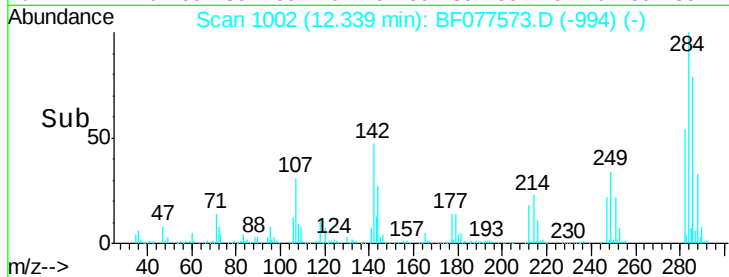
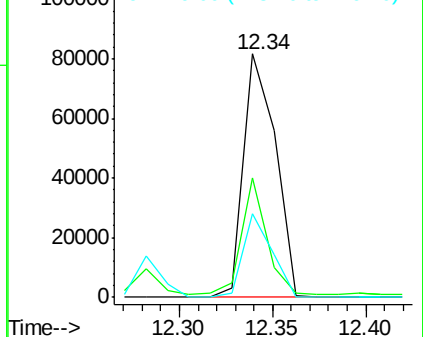
249 34.1 27.0 40.4



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: 21.57 ng

RT: 12.50 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

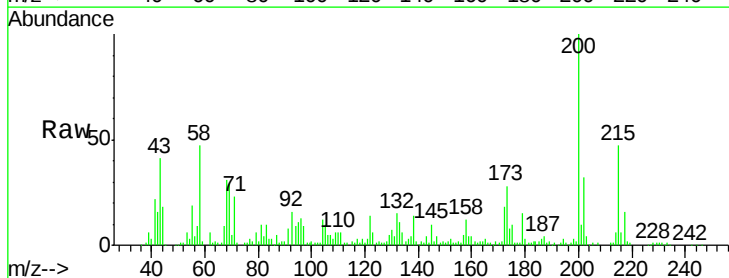
Tgt Ion:200 Resp: 85464

Ion Ratio Lower Upper

200 100

173 28.3 9.6 49.6

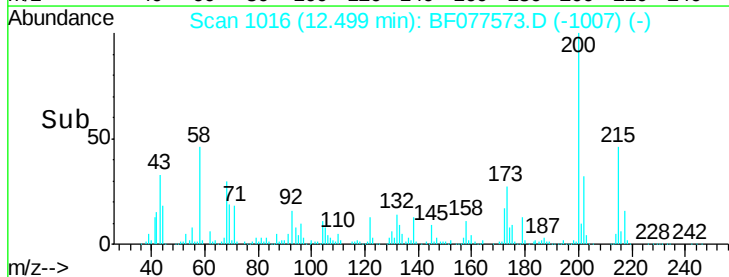
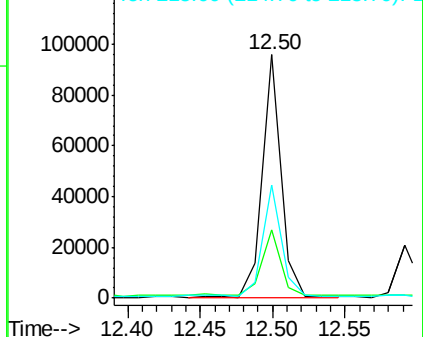
215 46.7 24.4 64.4

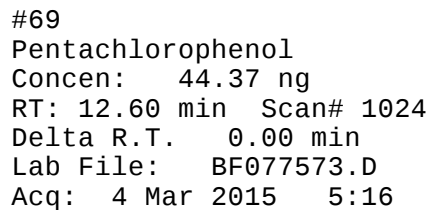


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

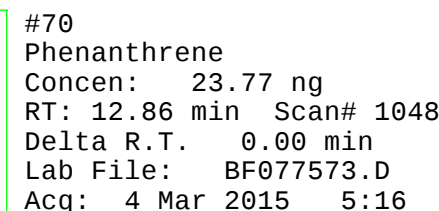
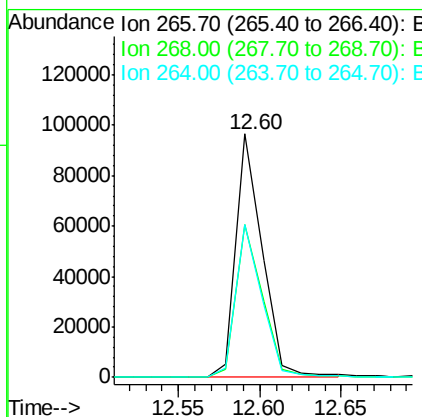
Ion 215.00 (214.70 to 215.70): E



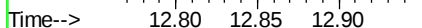
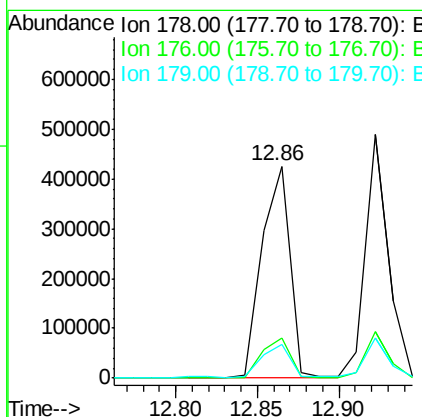


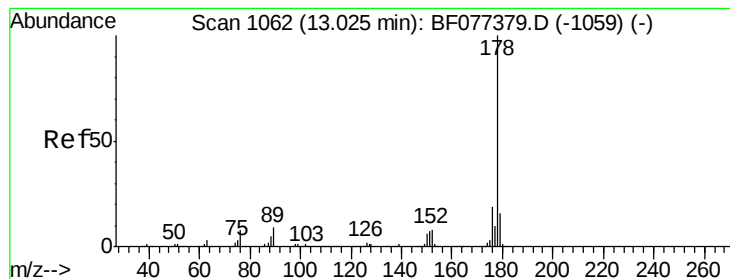
Instrument :
BNA_F
ClientSampleId :
VMA-2MS

Tgt	Ion:266	Resp:	107691
Ion	Ratio	Lower	Upper
266	100		
268	62.8	51.2	76.8
264	62.7	50.7	76.1



Tgt	Ion:178	Resp:	506082
Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	15.7	12.2	18.2





#71

Anthracene

Concen: 22.46 ng

RT: 12.92 min Scan# 1053

Delta R.T. 0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

Instrument :

BNA_F

ClientSampleId :

VMA-2MS

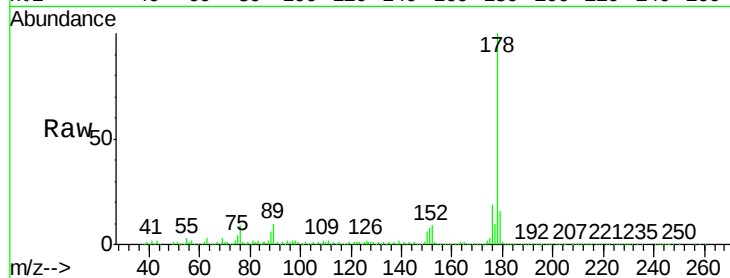
Tgt Ion:178 Resp: 474569

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

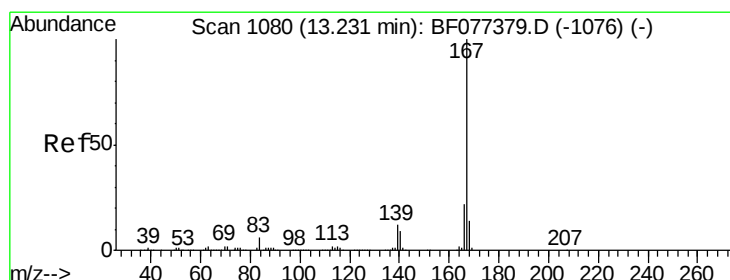
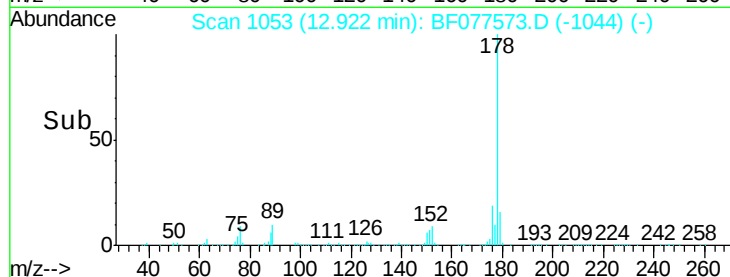
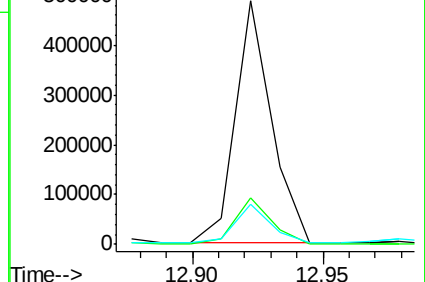
179 16.4 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 22.85 ng

RT: 13.13 min Scan# 1071

Delta R.T. 0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

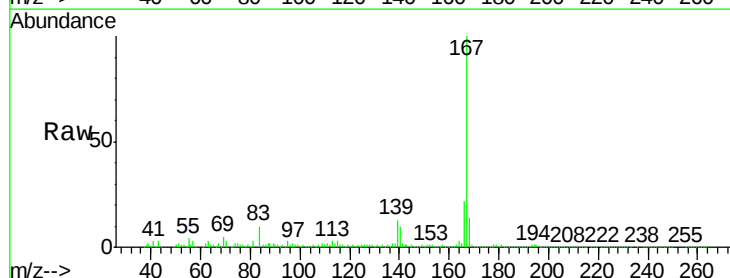
Tgt Ion:167 Resp: 459010

Ion Ratio Lower Upper

167 100

166 22.0 17.6 26.4

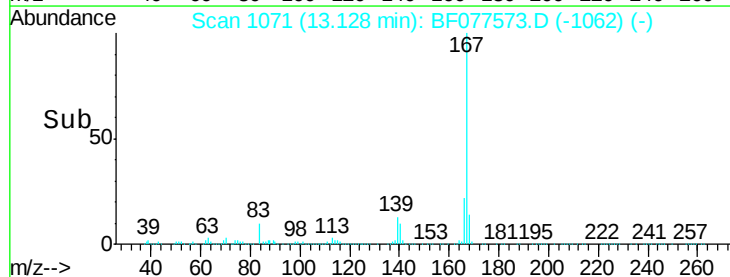
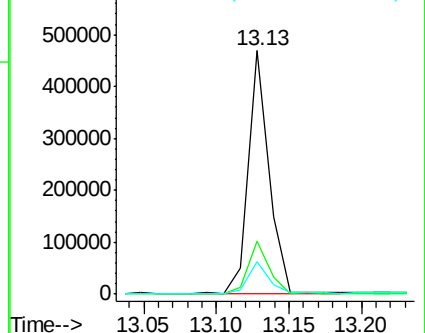
139 13.3 9.9 14.9

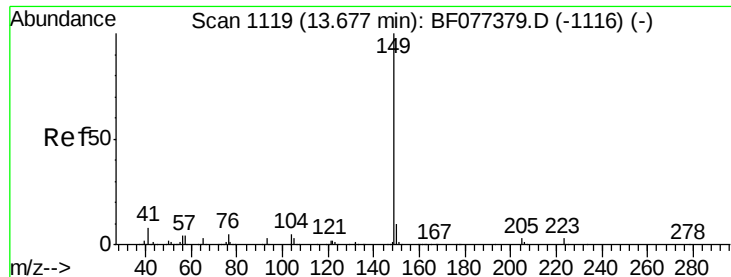


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 20.43 ng

RT: 13.58 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

Instrument :

BNA_F

ClientSampleId :

VMA-2MS

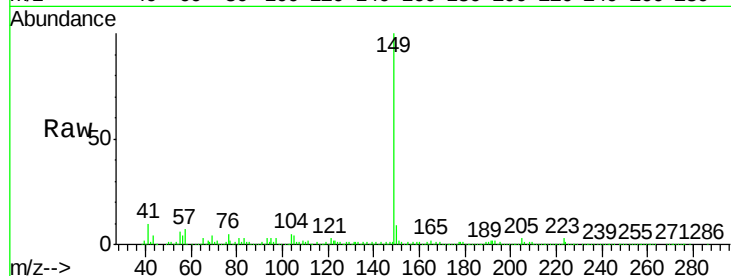
Tgt Ion:149 Resp: 481990

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.8

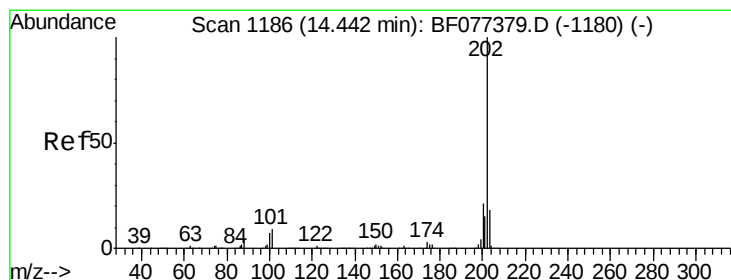
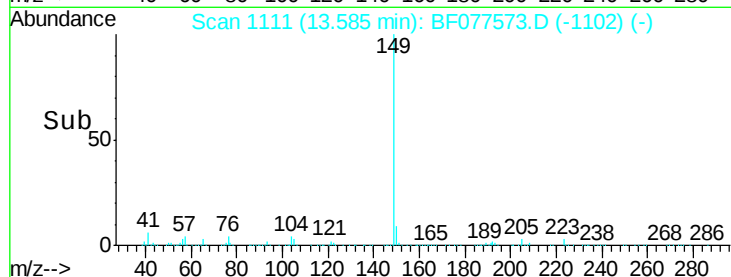
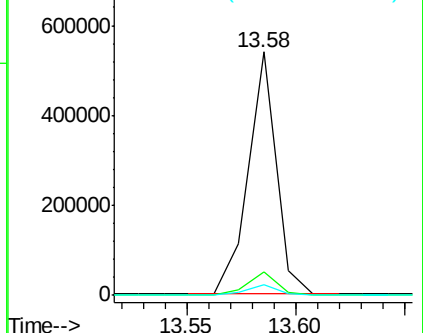
104 4.5 4.1 6.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 23.06 ng

RT: 14.34 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

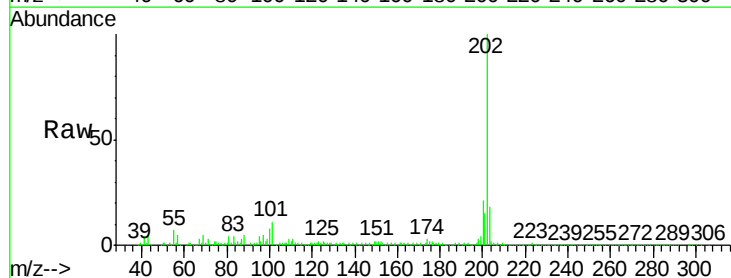
Tgt Ion:202 Resp: 536267

Ion Ratio Lower Upper

202 100

101 10.9 0.0 30.8

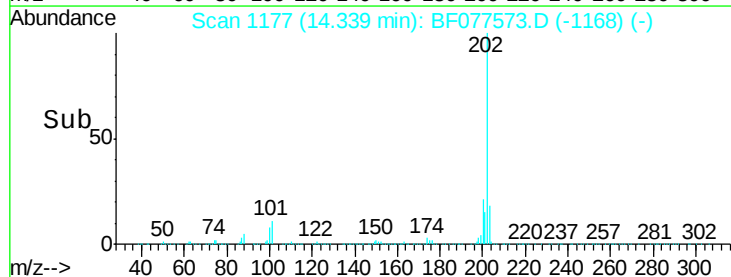
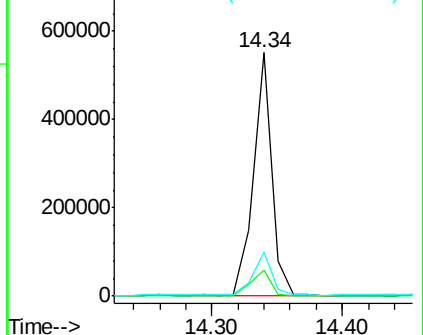
203 18.1 0.0 37.7

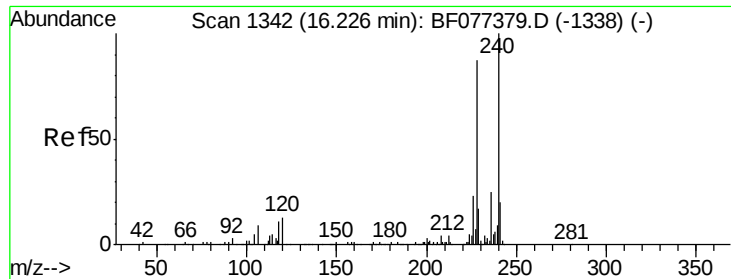


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

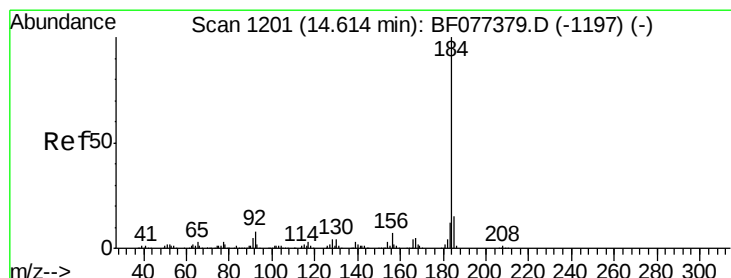
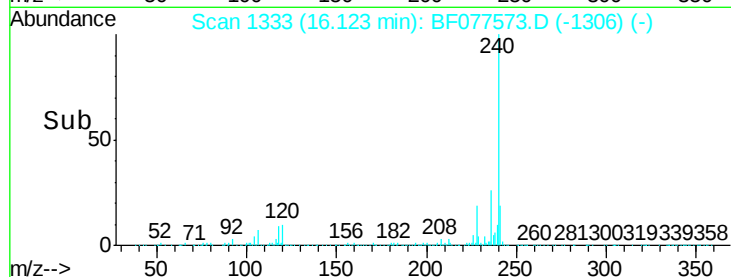
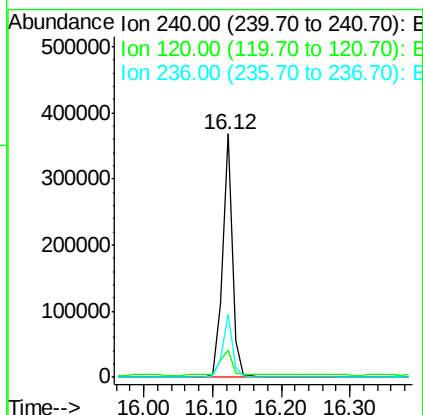
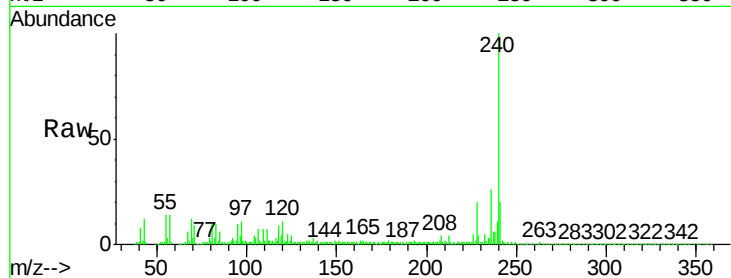




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.12 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF077573.D
Acq: 4 Mar 2015 5:16

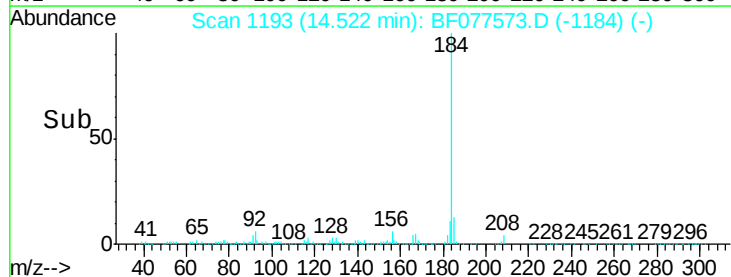
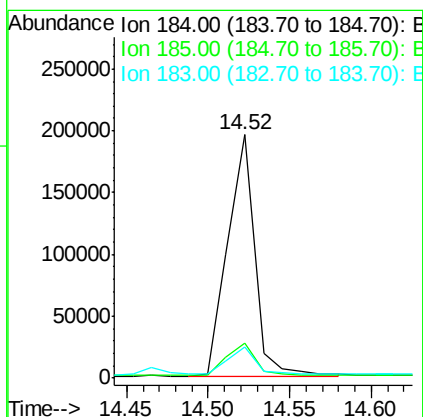
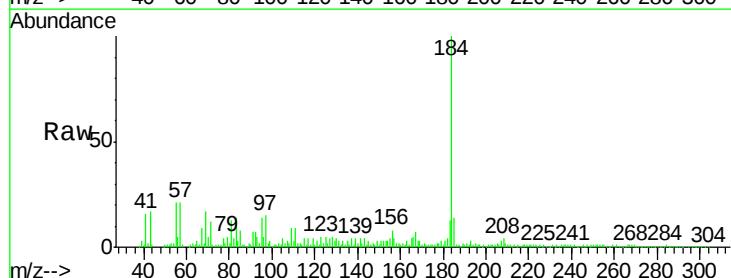
Instrument :
BNA_F
ClientSampleId :
VMA-2MS

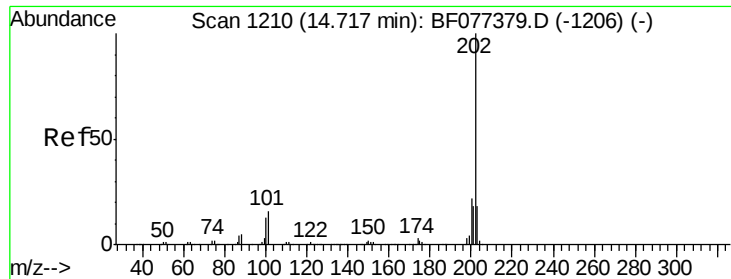
Tgt Ion:240 Resp: 374001
Ion Ratio Lower Upper
240 100
120 11.3 8.8 13.2
236 25.8 20.7 31.1



#76
Benzidine
Concen: 17.88 ng
RT: 14.52 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BF077573.D
Acq: 4 Mar 2015 5:16

Tgt Ion:184 Resp: 225935
Ion Ratio Lower Upper
184 100
185 14.4 12.6 18.8
183 12.9 9.3 13.9

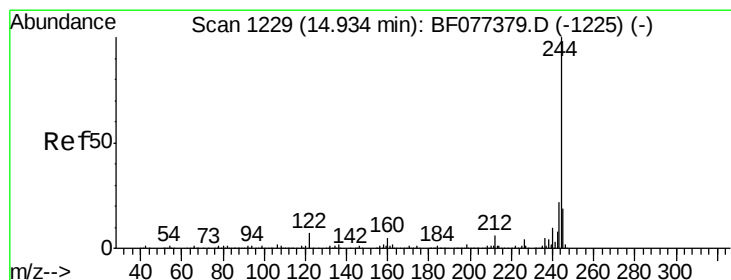
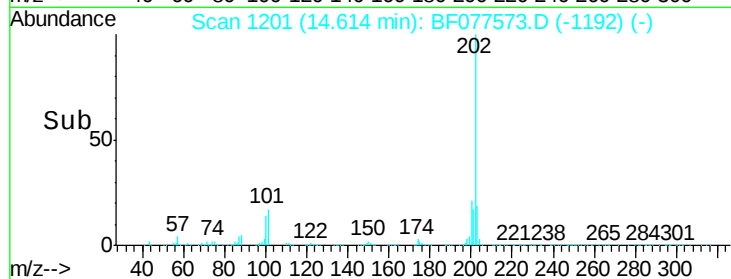
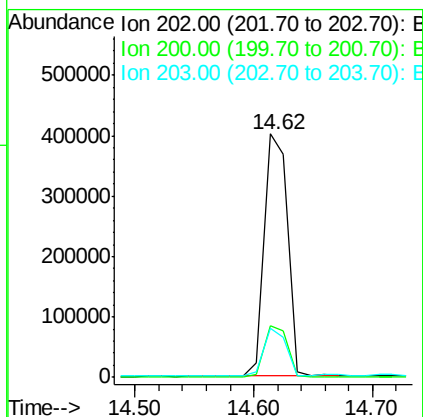
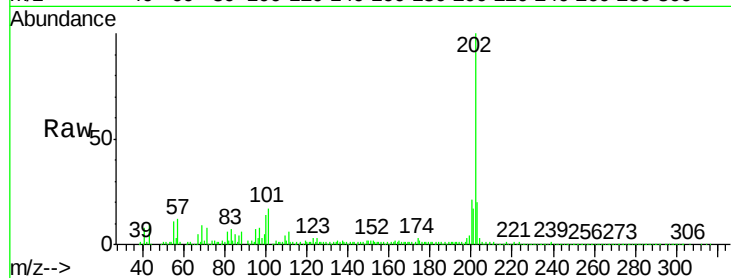




#77
 Pyrene
 Concen: 24.10 ng
 RT: 14.62 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF077573.D
 Acq: 4 Mar 2015 5:16

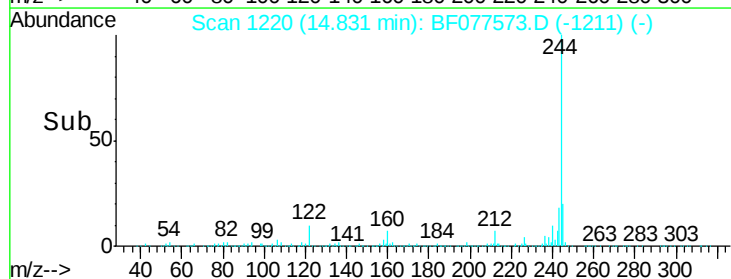
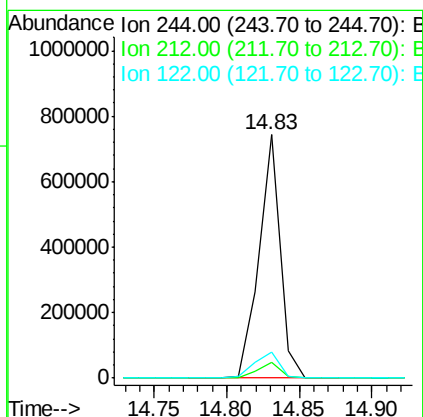
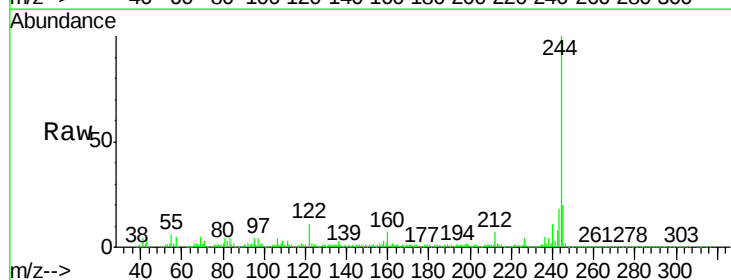
Instrument :
 BNA_F
 ClientSampled :
 VMA-2MS

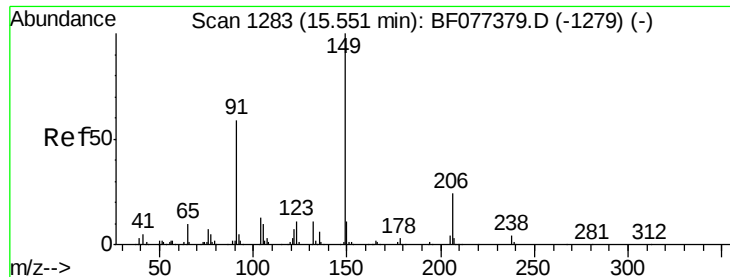
Tgt Ion: 202 Resp: 551352
 Ion Ratio Lower Upper
 202 100
 200 21.4 17.1 25.7
 203 19.9 14.2 21.2



#78
 Terphenyl-d14
 Concen: 47.02 ng
 RT: 14.83 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: BF077573.D
 Acq: 4 Mar 2015 5:16

Tgt Ion: 244 Resp: 752244
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.2 7.8
 122 10.8 7.8 11.8

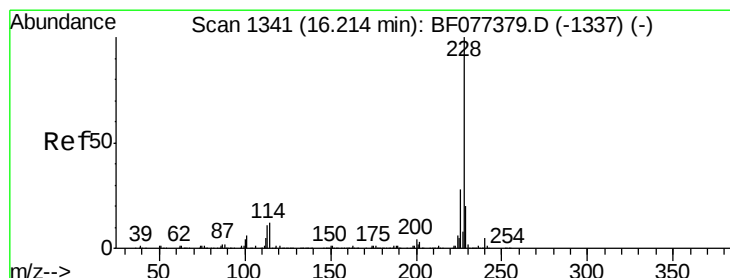
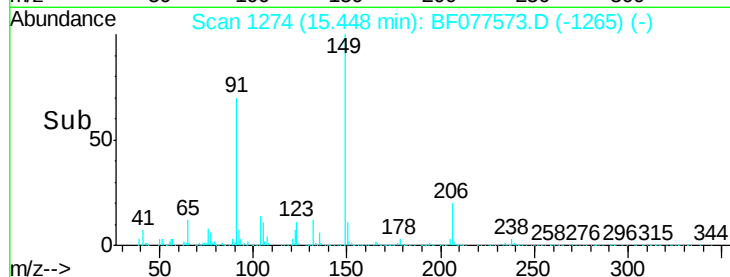
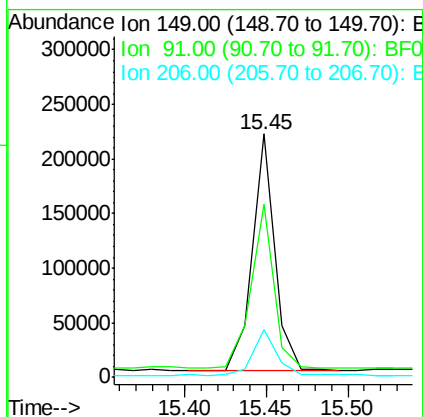
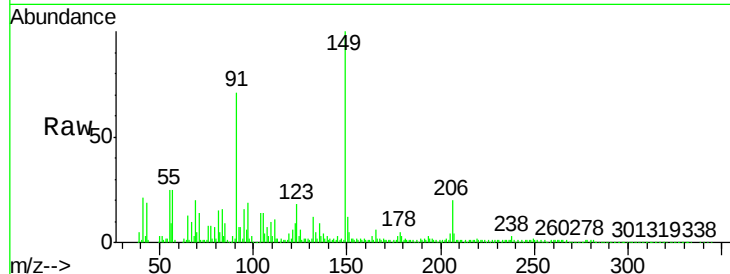




#79
Butylbenzylphthalate
Concen: 21.88 ng
RT: 15.45 min Scan# 1274
Delta R.T. 0.00 min
Lab File: BF077573.D
Acq: 4 Mar 2015 5:16

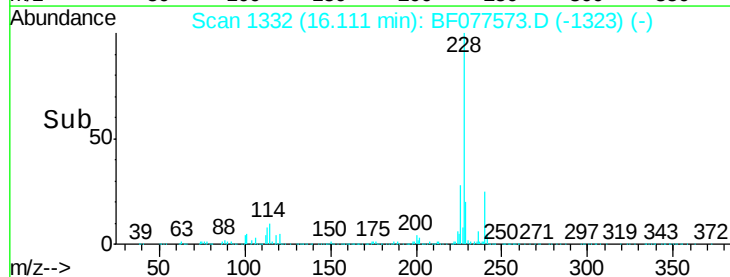
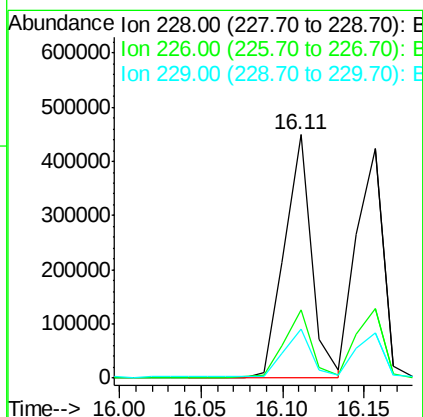
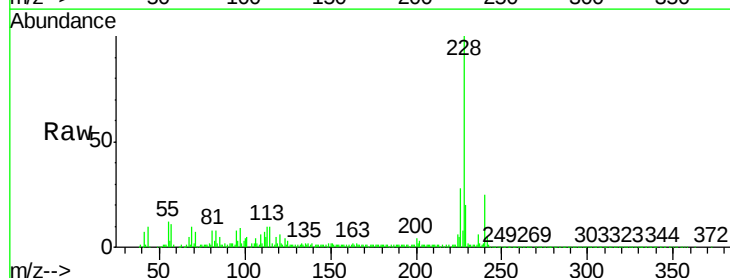
Instrument :
BNA_F
ClientSampleId :
VMA-2MS

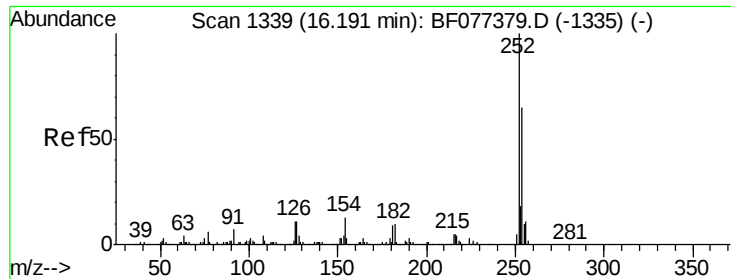
Tgt Ion:149 Resp: 205907
Ion Ratio Lower Upper
149 100
91 71.3 51.2 76.8
206 19.9 17.8 26.8



#80
Benzo(a)anthracene
Concen: 23.68 ng
RT: 16.11 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF077573.D
Acq: 4 Mar 2015 5:16

Tgt Ion:228 Resp: 519126
Ion Ratio Lower Upper
228 100
226 27.9 22.0 33.0
229 20.3 15.8 23.8

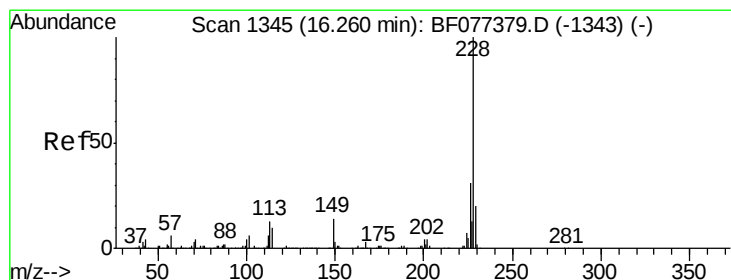
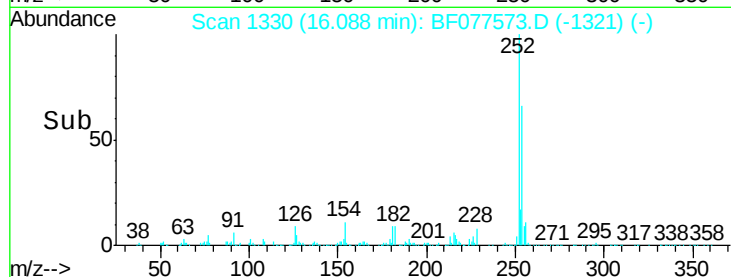
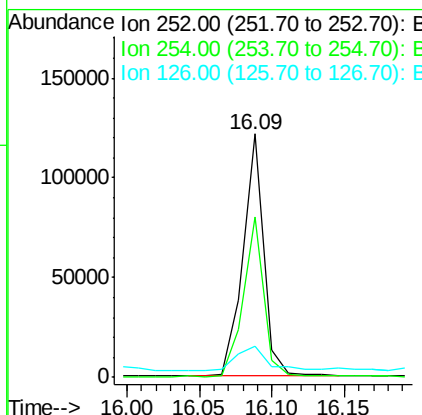
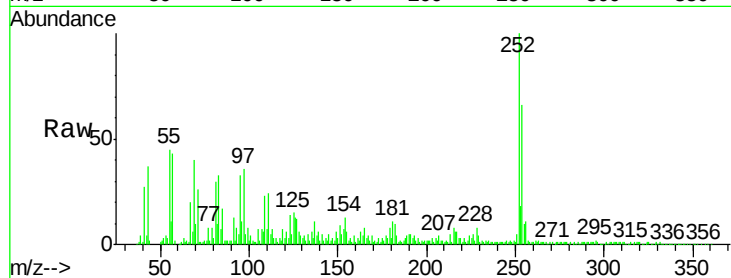




#81
 3,3'-Dichlorobenzidine
 Concen: 15.04 ng
 RT: 16.09 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: BF077573.D
 Acq: 4 Mar 2015 5:16

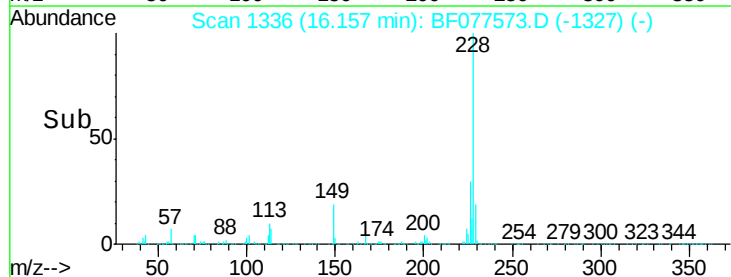
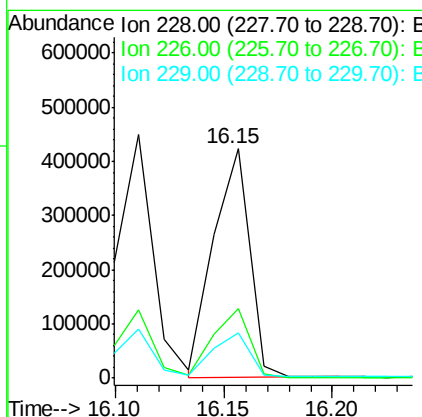
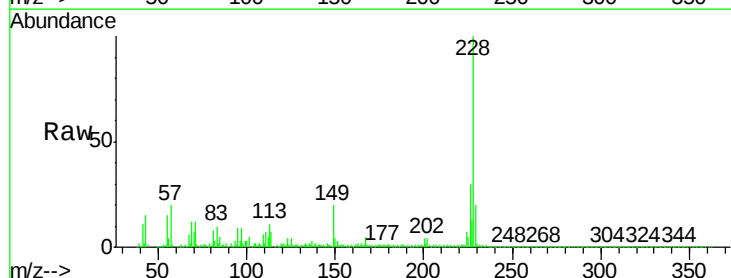
Instrument :
 BNA_F
 ClientSampleId :
 VMA-2MS

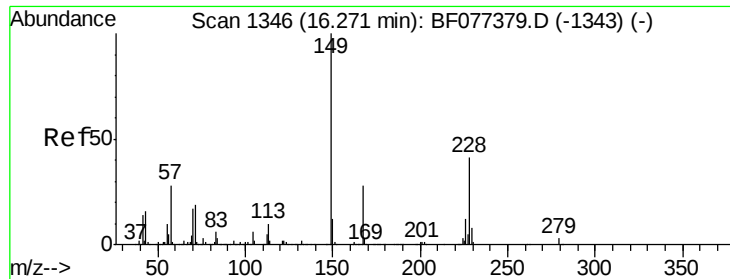
Tgt Ion:252 Resp: 120794
 Ion Ratio Lower Upper
 252 100
 254 66.1 52.9 79.3
 126 13.0 7.3 10.9#



#82
 Chrysene
 Concen: 23.61 ng
 RT: 16.15 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: BF077573.D
 Acq: 4 Mar 2015 5:16

Tgt Ion:228 Resp: 485923
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.9 37.3
 229 19.9 16.4 24.6

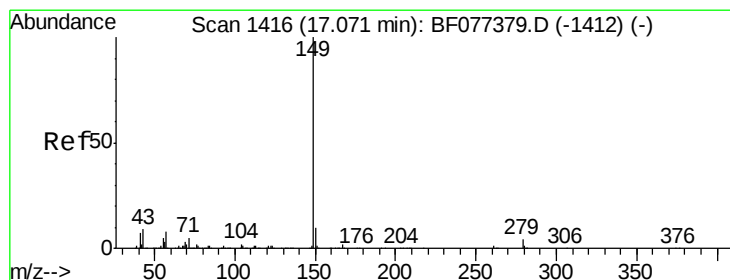
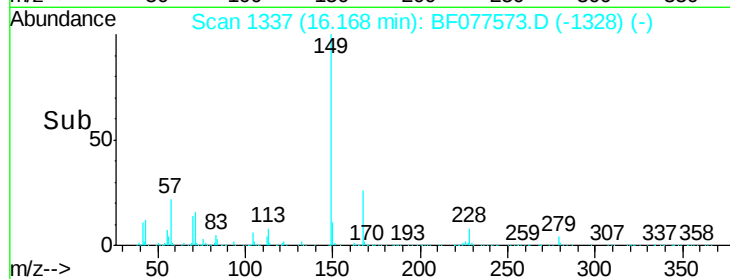
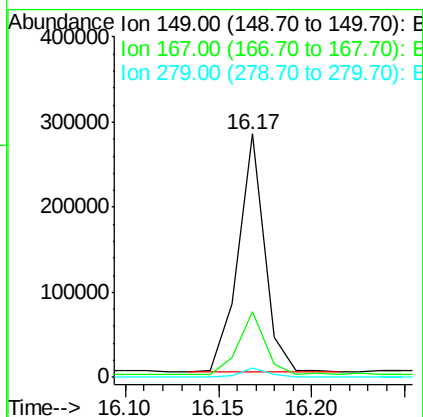
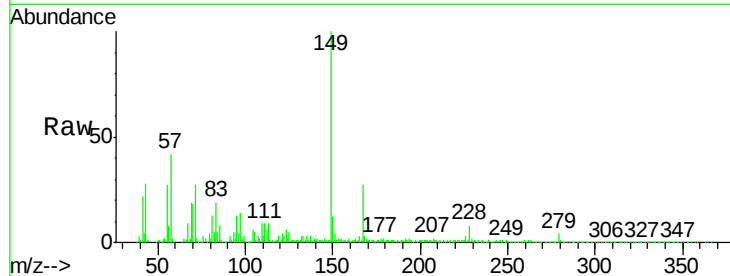




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 18.31 ng
 RT: 16.17 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: BF077573.D
 Acq: 4 Mar 2015 5:16

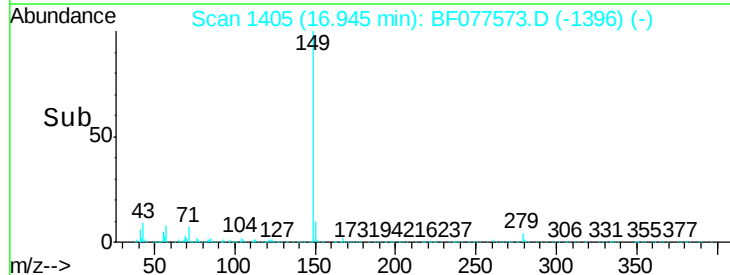
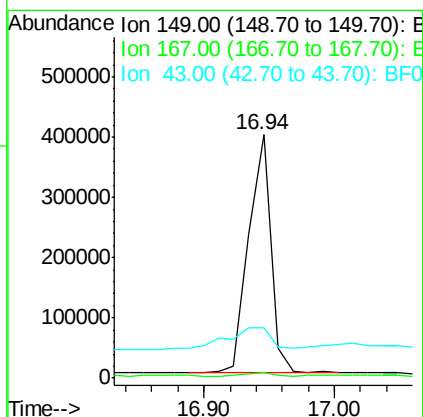
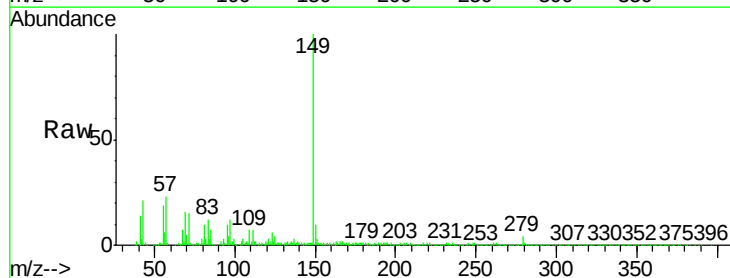
Instrument :
 BNA_F
 ClientSampleId :
 VMA-2MS

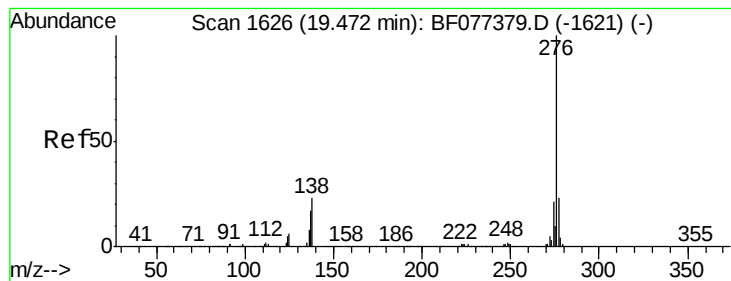
Tgt Ion:149 Resp: 276281
 Ion Ratio Lower Upper
 149 100
 167 27.1 22.8 34.2
 279 3.7 3.8 5.6#



#84
 Di-n-octyl phthalate
 Concen: 18.87 ng
 RT: 16.94 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BF077573.D
 Acq: 4 Mar 2015 5:16

Tgt Ion:149 Resp: 475509
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.3 1.9
 43 16.1 8.1 12.1#





#85

Indeno(1,2,3-cd)pyrene

Concen: 24.08 ng

RT: 19.25 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

Instrument :

BNA_F

ClientSampleId :

VMA-2MS

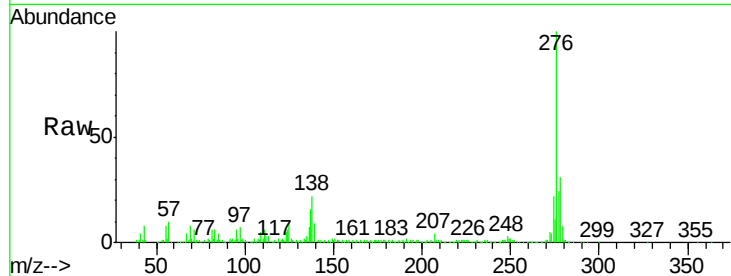
Tgt Ion: 276 Resp: 565105

Ion Ratio Lower Upper

276 100

138 27.1 21.2 31.8

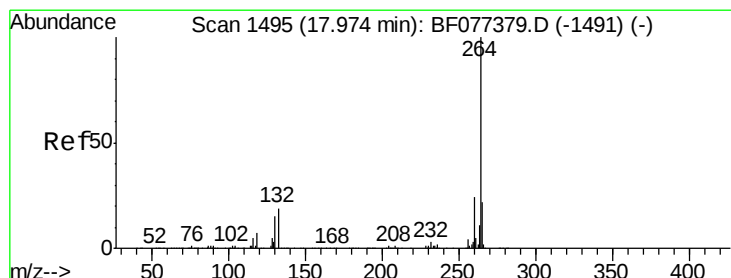
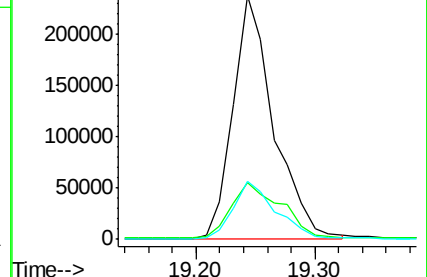
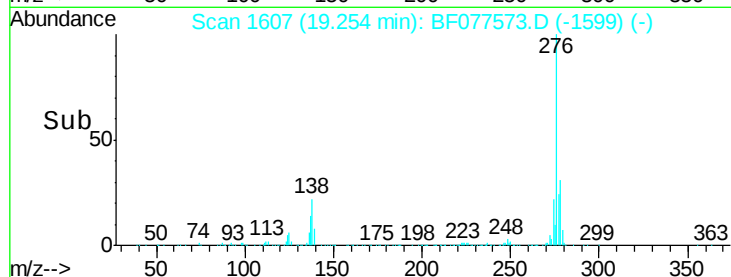
277 24.5 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.81 min Scan# 1481

Delta R.T. -0.01 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

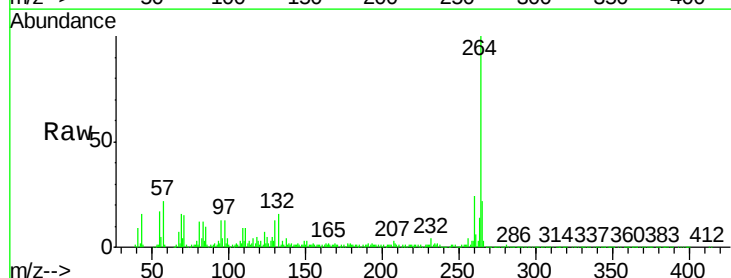
Tgt Ion: 264 Resp: 376987

Ion Ratio Lower Upper

264 100

260 24.2 19.3 28.9

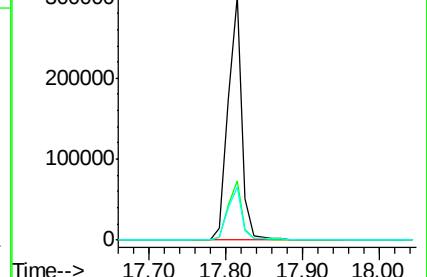
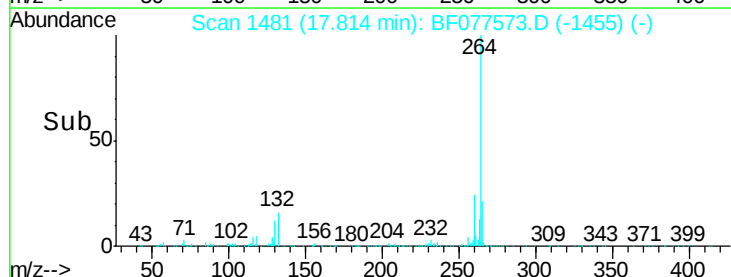
265 21.6 16.8 25.2

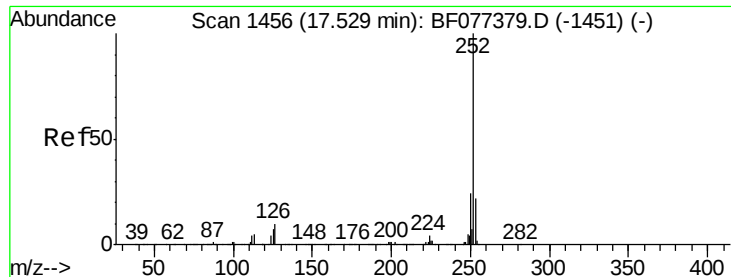


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 23.61 ng

RT: 17.38 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

Instrument :

BNA_F

ClientSampleId :

VMA-2MS

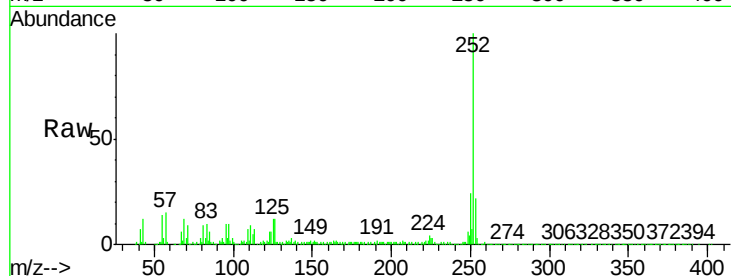
Tgt Ion:252 Resp: 517652

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

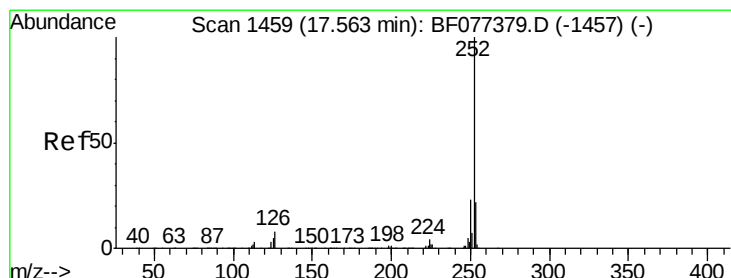
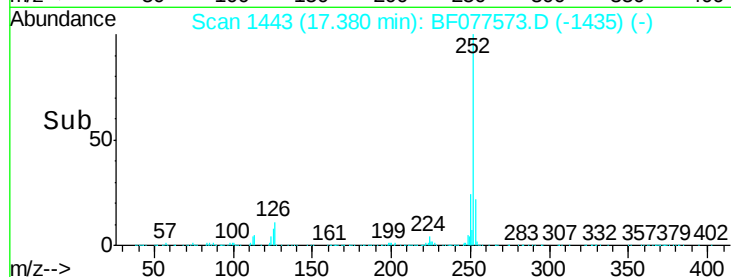
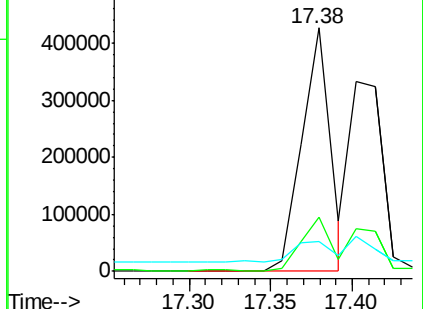
125 12.3 5.4 8.2#



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



#88

Benzo(k)fluoranthene

Concen: 24.07 ng

RT: 17.38 min Scan# 1443

Delta R.T. -0.04 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

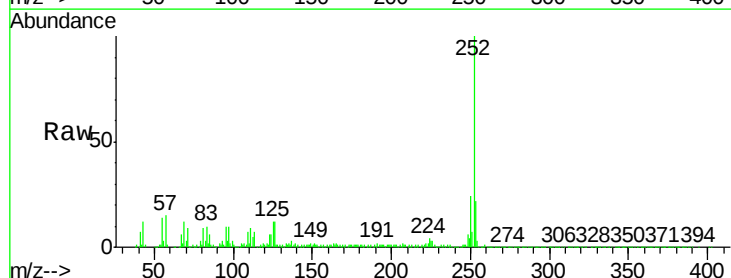
Tgt Ion:252 Resp: 517062

Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

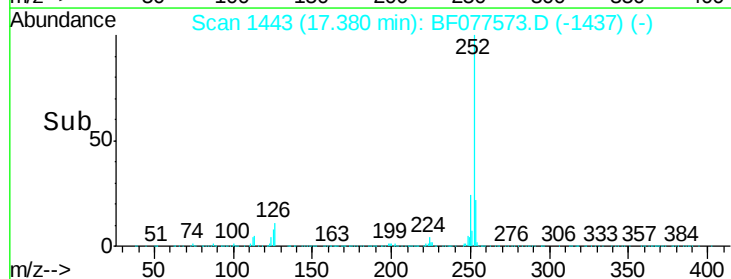
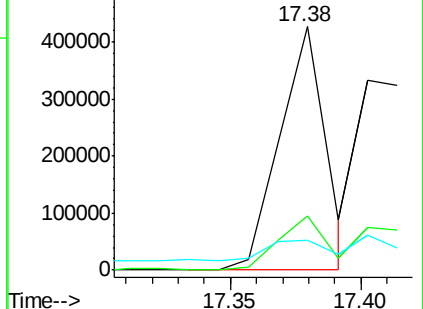
125 12.3 10.1 15.1

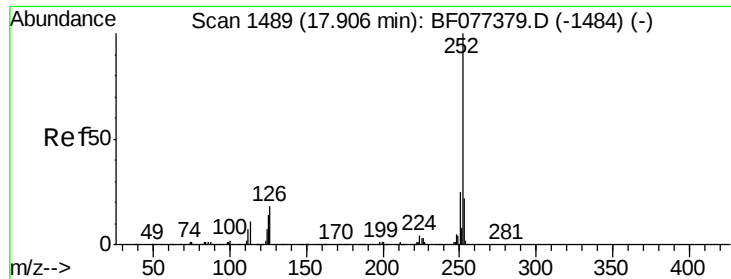


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

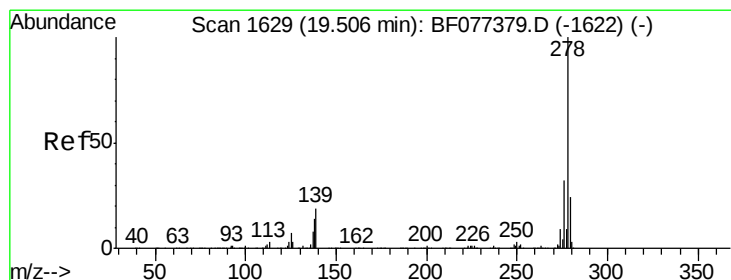
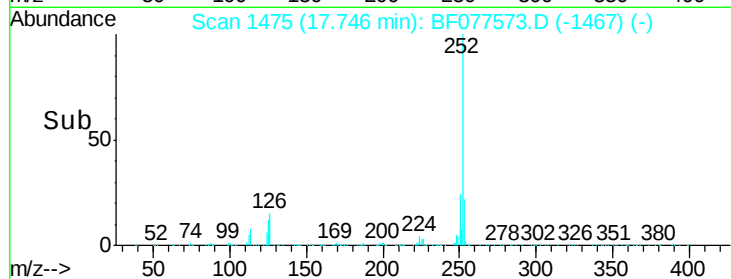
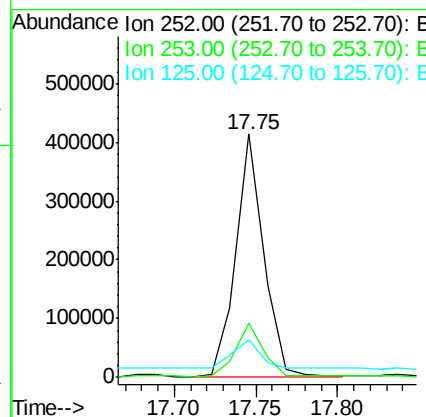
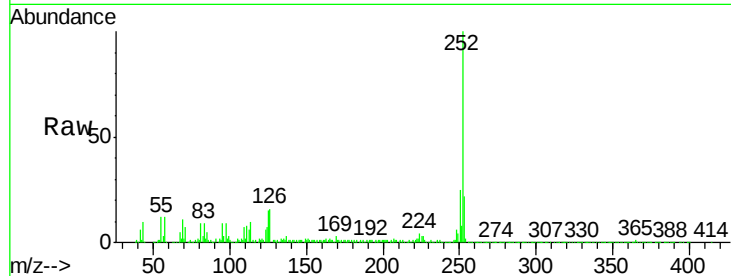




#89
Benzo(a)pyrene
Concen: 23.35 ng
RT: 17.75 min Scan# 1475
Delta R.T. -0.01 min
Lab File: BF077573.D
Acq: 4 Mar 2015 5:16

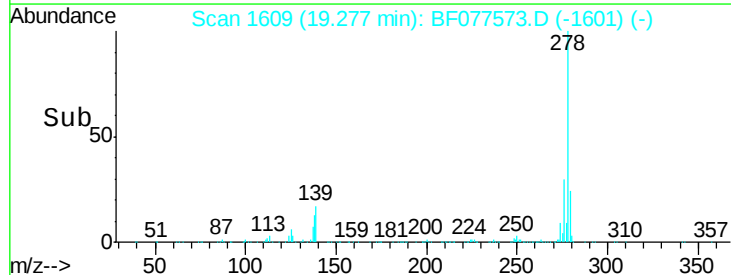
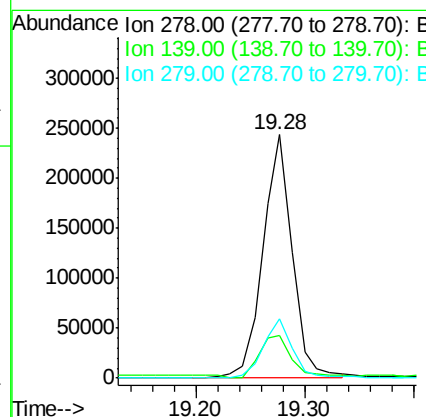
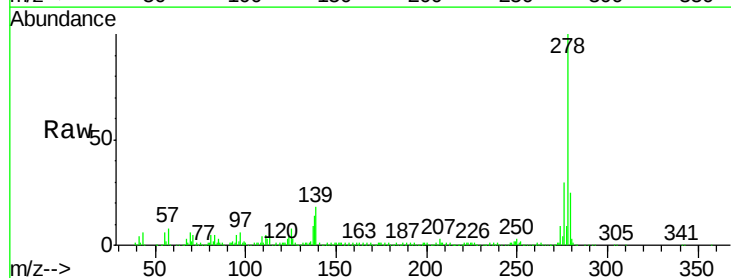
Instrument :
BNA_F
ClientSampleId :
VMA-2MS

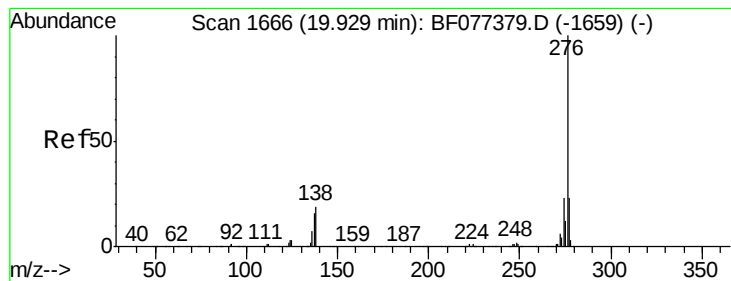
Tgt Ion: 252 Resp: 487545
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 15.2 8.3 12.5#



#90
Dibenzo(a,h)anthracene
Concen: 22.77 ng
RT: 19.28 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BF077573.D
Acq: 4 Mar 2015 5:16

Tgt Ion: 278 Resp: 453320
Ion Ratio Lower Upper
278 100
139 17.6 14.3 21.5
279 24.5 19.0 28.6





#91

Benzo(g,h,i)perylene

Concen: 24.19 ng

RT: 19.67 min Scan# 1643

Delta R.T. -0.01 min

Lab File: BF077573.D

Acq: 4 Mar 2015 5:16

Instrument :

BNA_F

ClientSampleId :

VMA-2MS

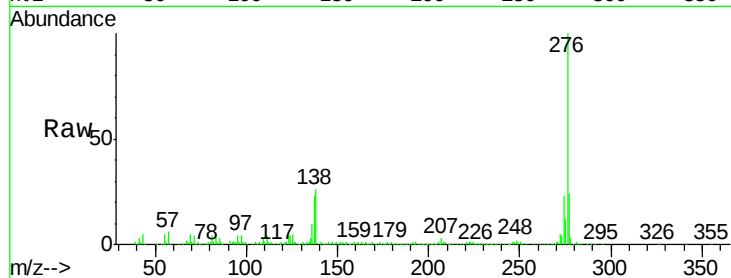
Tgt Ion: 276 Resp: 486173

Ion Ratio Lower Upper

276 100

277 24.0 18.9 28.3

138 25.7 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

