

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022315\
 Data File : BF077399.D
 Acq On : 23 Feb 2015 12:19
 Operator : TP/IZ
 Sample : G1332-04MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HF-1MS

Quant Time: Feb 24 00:21:01 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 23 23:58:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	81359	20.00	ng	0.00
21) Naphthalene-d8	8.91	136	317213	20.00	ng	0.00
38) Acenaphthene-d10	11.08	164	170257	20.00	ng	-0.01
63) Phenanthrene-d10	12.93	188	339567	20.00	ng	0.00
75) Chrysene-d12	16.23	240	360022	20.00	ng	-0.03
86) Perylene-d12	17.99	264	350418	20.00	ng	-0.11

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	474075	97.28	ng	0.00
7) Phenol-d6	6.88	99	597341	95.33	ng	-0.01
23) Nitrobenzene-d5	8.02	82	346122	67.85	ng	-0.01
41) 2,4,6-Tribromophenol	12.07	330	174248	106.29	ng	0.00
44) 2-Fluorobiphenyl	10.26	172	795818	72.88	ng	0.00
78) Terphenyl-d14	14.92	244	1028158	66.76	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.30	88	55655	26.91	ng	98
3) Pyridine	3.06	79	132192	22.34	ng	95
4) n-Nitrosodimethylamine	2.97	42	73748	28.67	ng	99
6) Aniline	6.91	93	88635	10.23	ng	94
8) 2-Chlorophenol	7.06	128	179068	31.15	ng	93
10) Phenol	6.90	94	222507	29.93	ng	94
11) bis(2-Chloroethyl)ether	7.01	93	158892	29.74	ng	89
12) 1,3-Dichlorobenzene	7.25	146	188308	30.08	ng	95
13) 1,4-Dichlorobenzene	7.36	146	188147	29.54	ng	98
14) 1,2-Dichlorobenzene	7.54	146	181316	29.93	ng	96
15) Benzyl Alcohol	7.50	79	139852	29.36	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.69	45	229538	30.06	ng	97
17) 2-Methylphenol	7.64	107	136480	30.37	ng	95
18) Hexachloroethane	7.95	117	63535	29.87	ng	# 78
19) n-Nitroso-di-n-propylamine	7.84	70	116833	29.36	ng	91
20) 3+4-Methylphenols	7.84	107	177969	30.07	ng	# 69
22) Acetophenone	7.84	105	239861	32.15	ng	# 94
24) Nitrobenzene	8.04	77	179434	33.43	ng	# 86
25) Isophorone	8.34	82	315139	31.14	ng	94
26) 2-Nitrophenol	8.44	139	68361	31.08	ng	# 87
27) 2,4-Dimethylphenol	8.50	122	151148	30.71	ng	98
28) bis(2-Chloroethoxy)methane	8.62	93	198968	31.12	ng	99
29) 2,4-Dichlorophenol	8.73	162	149726	32.41	ng	91
30) 1,2,4-Trichlorobenzene	8.84	180	163051	32.10	ng	98
31) Naphthalene	8.93	128	523918	33.03	ng	100
33) 4-Chloroaniline	9.00	127	73787	10.46	ng	# 91
34) Hexachlorobutadiene	9.09	225	91740	31.64	ng	99
35) Caprolactam	9.41	113	45139	32.01	ng	97
36) 4-Chloro-3-methylphenol	9.61	107	155474	33.48	ng	93
37) 2-Methylnaphthalene	9.79	142	349596	31.03	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.00	216	161180	32.99	ng	98
40) Hexachlorocyclopentadiene	9.98	237	152509	58.22	ng	97
42) 2,4,6-Trichlorophenol	10.14	196	110915	34.28	ng	98
43) 2,4,5-Trichlorophenol	10.18	196	115751	33.46	ng	# 85

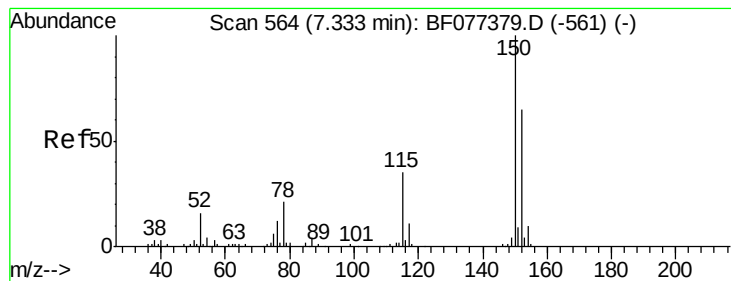
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022315\
 Data File : BF077399.D
 Acq On : 23 Feb 2015 12:19
 Operator : TP/IZ
 Sample : G1332-04MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HF-1MS

Quant Time: Feb 24 00:21:01 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 23 23:58:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	10.37	154	420728	32.62	nq	98
46) 2-Chloronaphthalene	10.40	162	351305	34.73	nq	97
47) 2-Nitroaniline	10.52	65	92989	37.34	nq	# 82
48) Acenaphthylene	10.91	152	569349	35.55	nq	99
49) Dimethylphthalate	10.76	163	464672	38.83	nq	98
50) 2,6-Dinitrotoluene	10.83	165	84628	35.26	nq	# 67
51) Acenaphthene	11.13	154	323935	33.90	nq	99
52) 3-Nitroaniline	11.04	138	54994	19.87	nq	# 77
53) 2,4-Dinitrophenol	11.16	184	23326	31.94	nq	# 73
54) Dibenzofuran	11.34	168	502264	34.04	nq	95
55) 4-Nitrophenol	11.24	139	142373	63.97	nq	96
56) 2,4-Dinitrotoluene	11.32	165	113609	35.03	nq	# 73
57) Fluorene	11.77	166	420226	35.62	nq	100
58) 2,3,4,6-Tetrachlorophenol	11.49	232	93842	33.74	nq	99
59) Diethylphthalate	11.64	149	420902	35.67	nq	97
60) 4-Chlorophenyl-phenylether	11.78	204	190169	33.46	nq	93
61) 4-Nitroaniline	11.79	138	87549	33.01	nq	84
62) Azobenzene	11.97	77	404893	36.17	nq	90
64) 4,6-Dinitro-2-methylphenol	11.82	198	34978	27.53	nq	69
65) n-Nitrosodiphenylamine	11.92	169	354615	31.47	nq	99
66) 4-Bromophenyl-phenylether	12.39	248	125699	31.61	nq	# 89
67) Hexachlorobenzene	12.44	284	136925	32.08	nq	# 84
68) Atrazine	12.59	200	121098	33.06	nq	97
69) Pentachlorophenol	12.68	266	121232	54.05	nq	98
70) Phenanthrene	12.96	178	625249	31.77	nq	99
71) Anthracene	13.03	178	639290	32.73	nq	99
72) Carbazole	13.22	167	588534	31.69	nq	98
73) Di-n-butylphthalate	13.68	149	725124	33.25	nq	99
74) Fluoranthene	14.44	202	747800	34.78	nq	96
76) Benzidine	14.61	184	212111	17.44	nq	98
77) Pyrene	14.72	202	743336	33.75	nq	99
79) Butylbenzylphthalate	15.55	149	313091	34.56	nq	88
80) Benzo(a)anthracene	16.21	228	705427	33.43	nq	100
81) 3,3'-Dichlorobenzidine	16.19	252	158201	20.46	nq	97
82) Chrysene	16.26	228	656571	33.14	nq	99
83) Bis(2-ethylhexyl)phthalate	16.27	149	504578	34.73	nq	# 96
84) Di-n-octyl phthalate	17.08	149	838655	34.57	nq	98
85) Indeno(1,2,3-cd)pyrene	19.49	276	761956m	33.73	nq	
87) Benzo(b)fluoranthene	17.54	252	702422	34.47	nq	99
88) Benzo(k)fluoranthene	17.57	252	644050m	32.25	nq	
89) Benzo(a)pyrene	17.93	252	650300	33.51	nq	97
90) Dibenzo(a,h)anthracene	19.52	278	616003	33.28	nq	99
91) Benzo(g,h,i)perylene	19.94	276	636190	34.06	nq	# 94

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

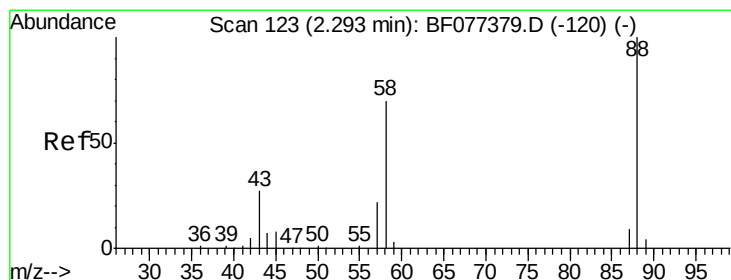
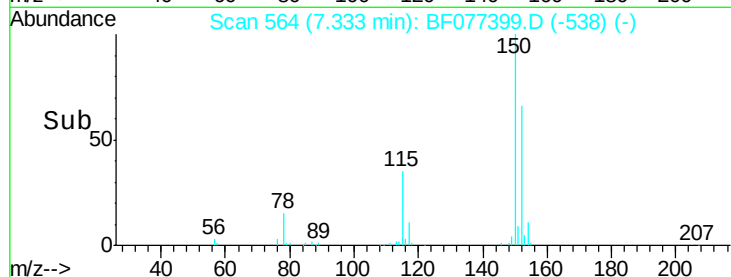
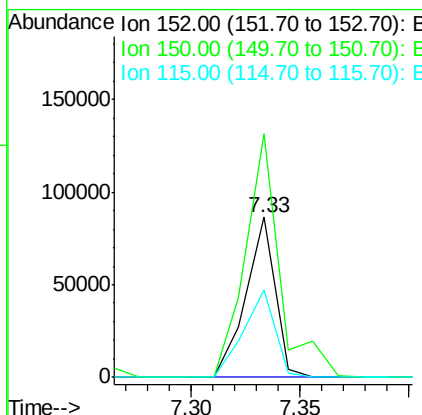
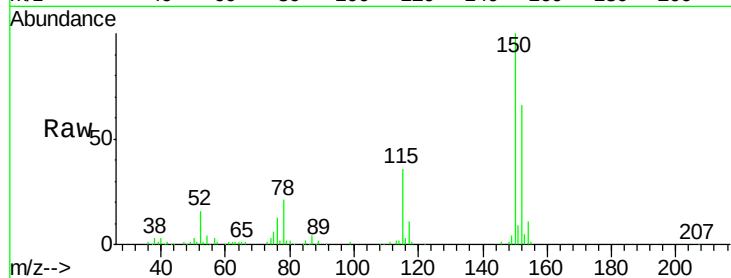


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.33 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF077399.D
Acq: 23 Feb 2015 12:19

Instrument :
BNA_F
ClientSampleId :
HF-1MS

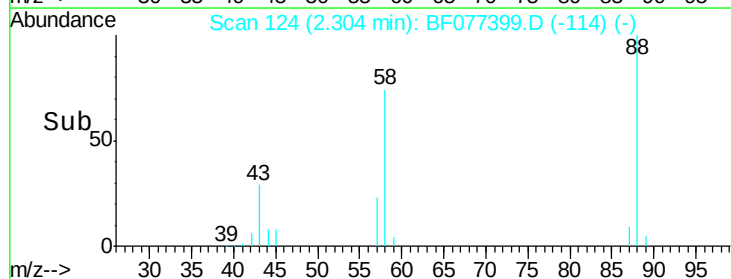
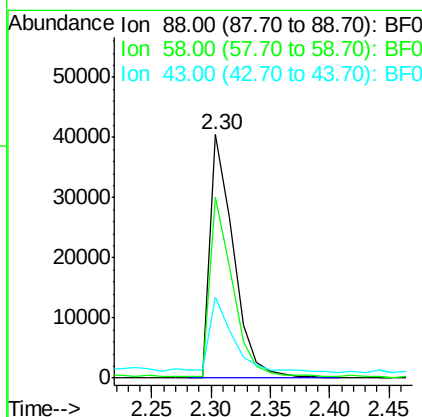
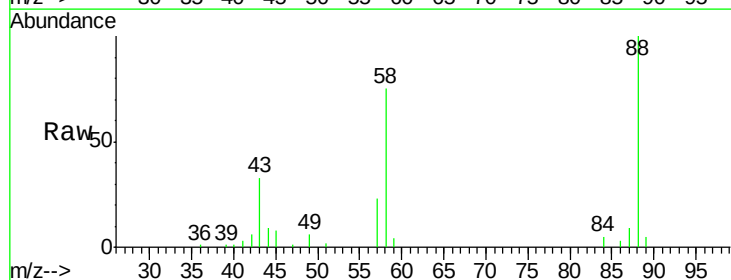
Tot Ion:152 Resp: 81359
Ion Ratio Lower Upper
152 100
150 152.0 124.0 186.0
115 54.6 49.4 74.2

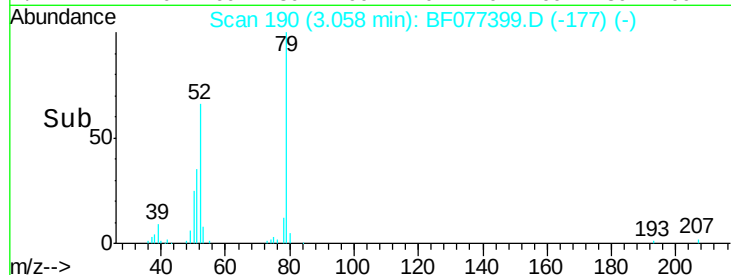
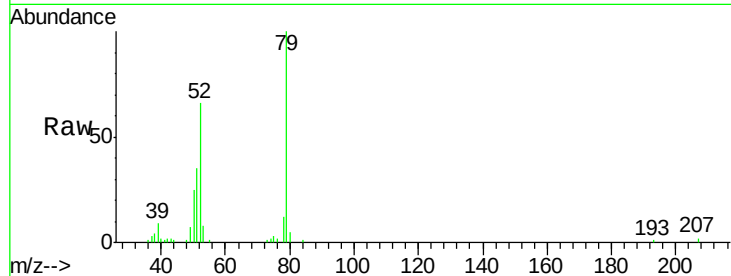
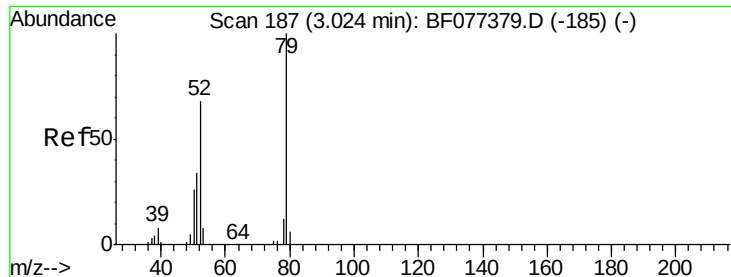


#2

1,4-Dioxane
Concen: 26.91 ng
RT: 2.30 min Scan# 124
Delta R.T. 0.01 min
Lab File: BF077399.D
Acq: 23 Feb 2015 12:19

Tgt Ion: 88 Resp: 55655
Ion Ratio Lower Upper
88 100
58 76.6 62.1 93.1
43 32.7 24.0 36.0

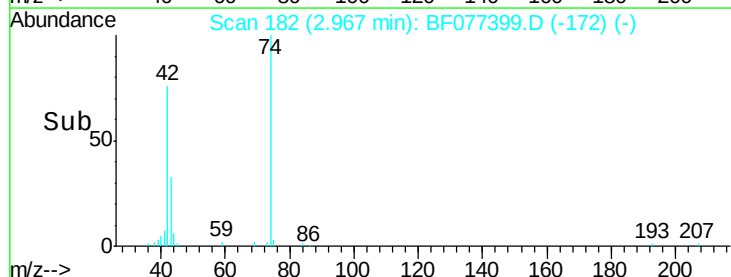
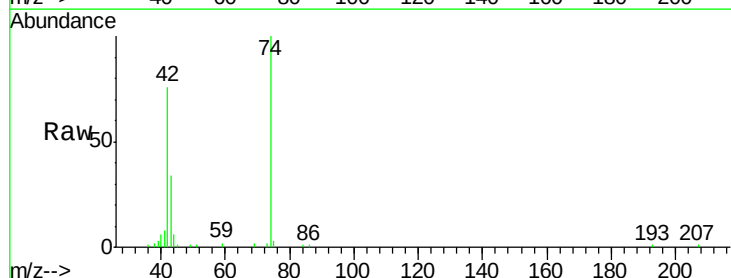
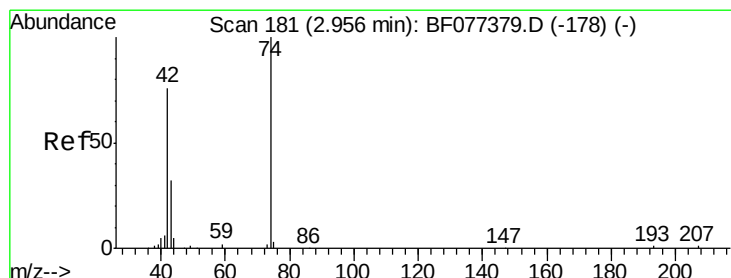
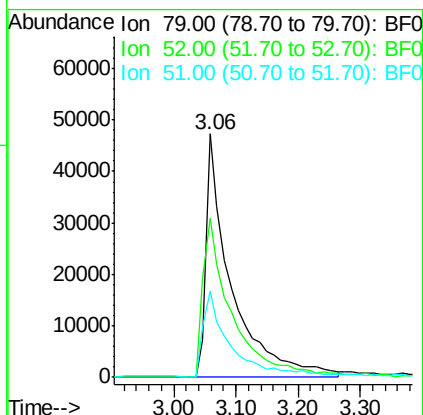




#3
 Pvridine
 Concen: 22.34 ng
 RT: 3.06 min Scan# 190
 Delta R.T. 0.05 min
 Lab File: BF077399.D
 Acq: 23 Feb 2015 12:19

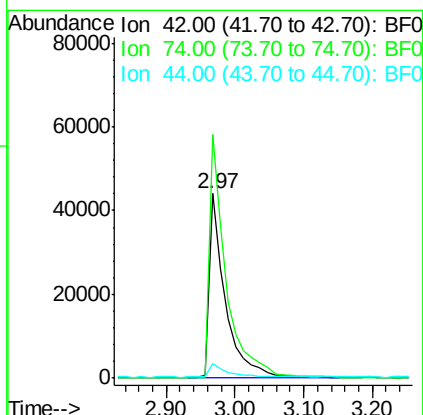
Tot Ion	Ratio	Lower	Upper
79	100		
52	65.5	57.7	86.5
51	35.3	28.5	42.7

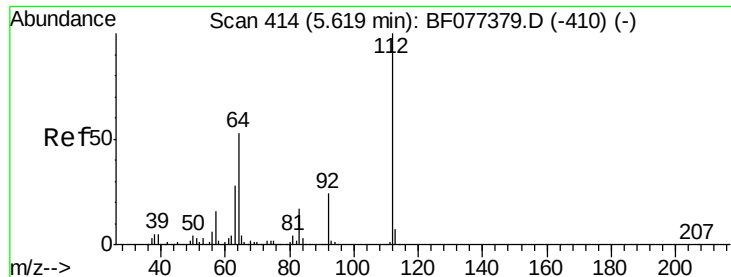
Instrument :
 BNA_F
 ClientSampleId :
 HF-1MS



#4
 n-Nitrosodimethylamine
 Concen: 28.67 ng
 RT: 2.97 min Scan# 182
 Delta R.T. 0.01 min
 Lab File: BF077399.D
 Acq: 23 Feb 2015 12:19

Tgt Ion	Ratio	Lower	Upper
42	100		
74	132.2	107.1	160.7
44	7.7	6.7	10.1





#5

2-Fluorophenol

Concen: 97.28 ng

RT: 5.62 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF077399.D

Acq: 23 Feb 2015 12:19

Instrument :

BNA_F

ClientSampleId :

HF-1MS

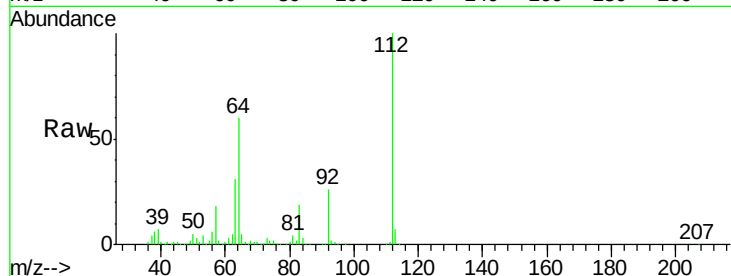
Tot Ion:112 Resp: 474075

Ion Ratio Lower Upper

112 100

64 60.0 48.5 72.7

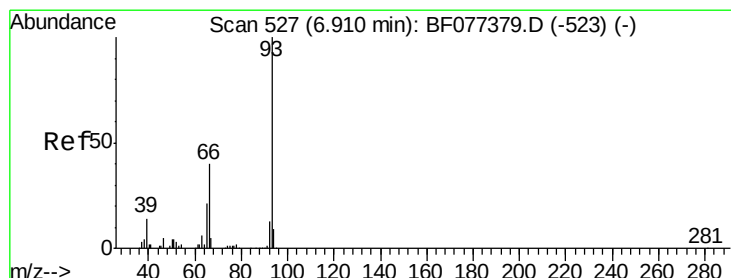
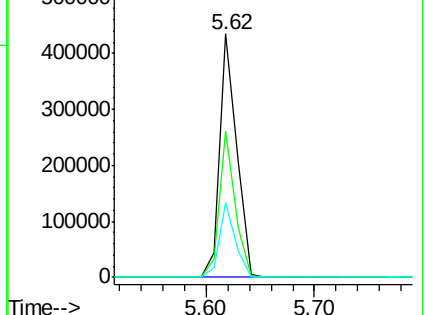
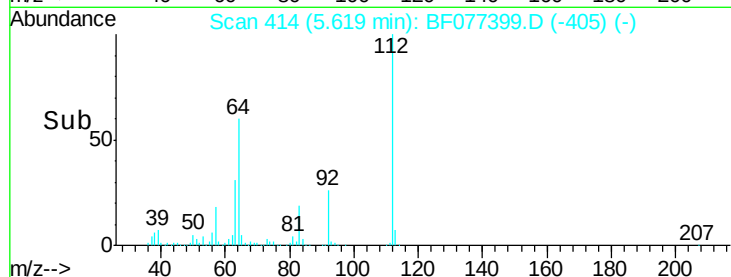
63 30.7 25.0 37.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 10.23 ng

RT: 6.91 min Scan# 527

Delta R.T. -0.01 min

Lab File: BF077399.D

Acq: 23 Feb 2015 12:19

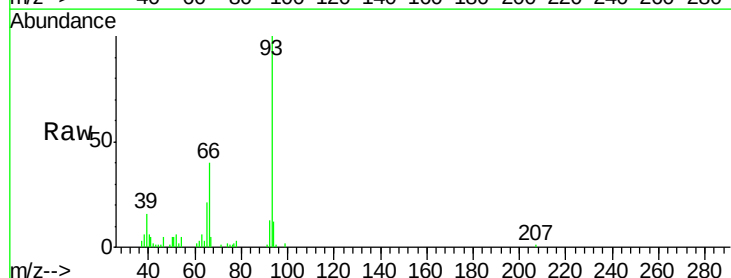
Tgt Ion: 93 Resp: 88635

Ion Ratio Lower Upper

93 100

66 40.3 29.1 43.7

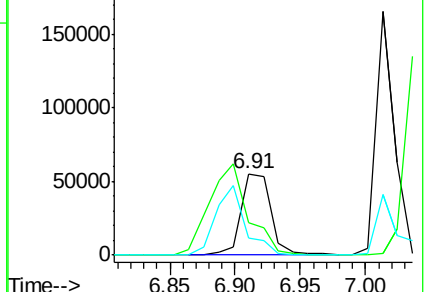
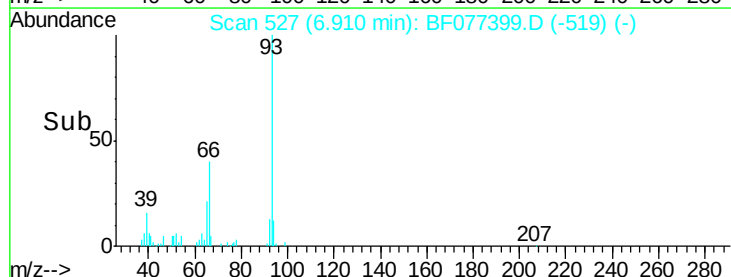
65 20.7 14.6 22.0

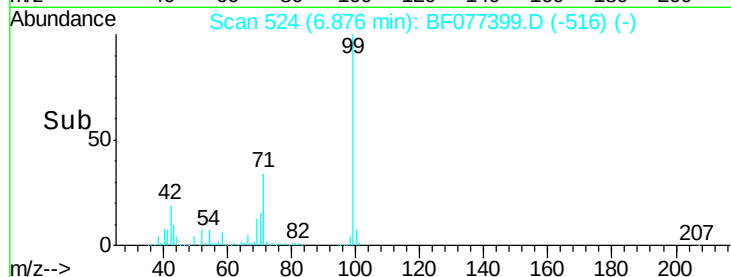
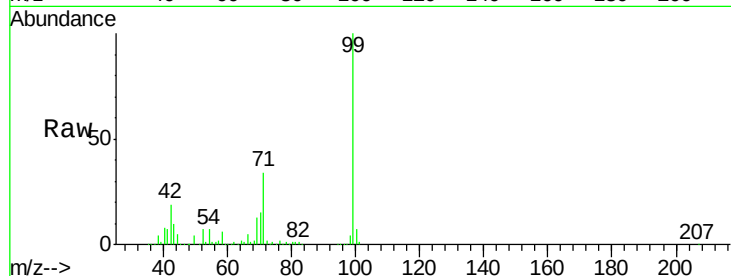
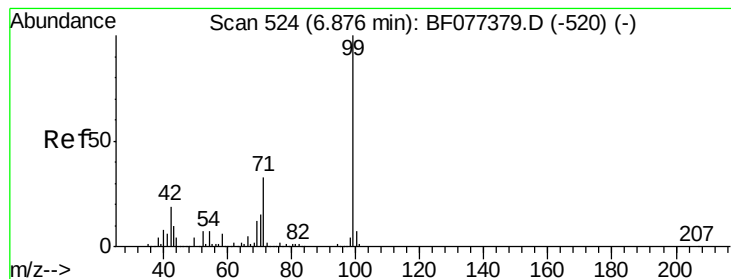


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 95.33 ng

RT: 6.88 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF077399.D

Acq: 23 Feb 2015 12:19

Instrument :

BNA_F

ClientSampleId :

HF-1MS

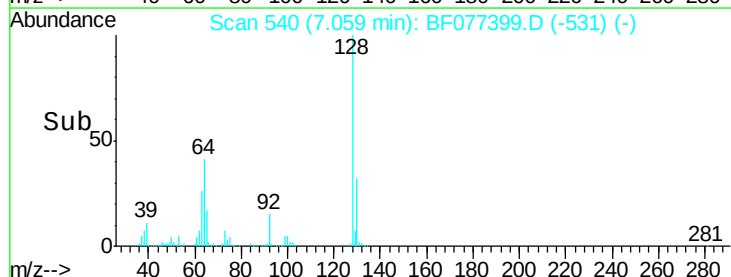
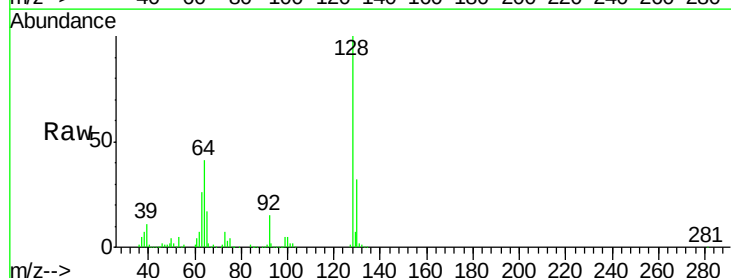
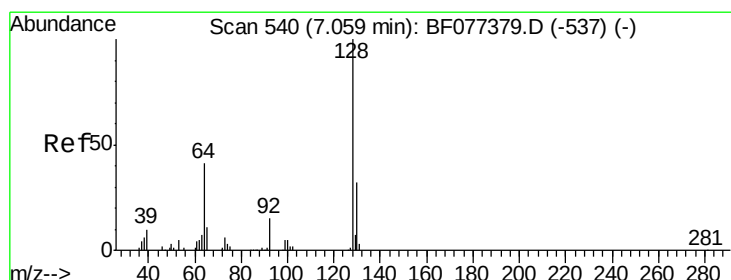
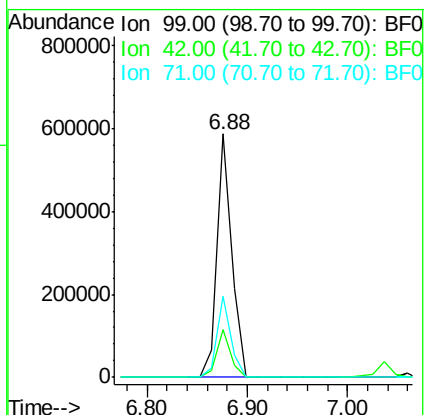
Tot Ion: 99 Resp: 597341

Ion Ratio Lower Upper

99 100

42 19.5 16.2 24.4

71 33.6 26.7 40.1



#8

2-Chlorophenol

Concen: 31.15 ng

RT: 7.06 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF077399.D

Acq: 23 Feb 2015 12:19

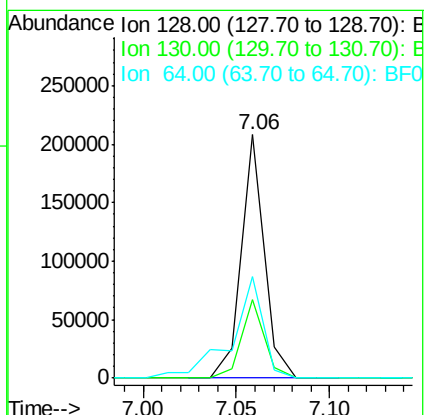
Tgt Ion: 128 Resp: 179068

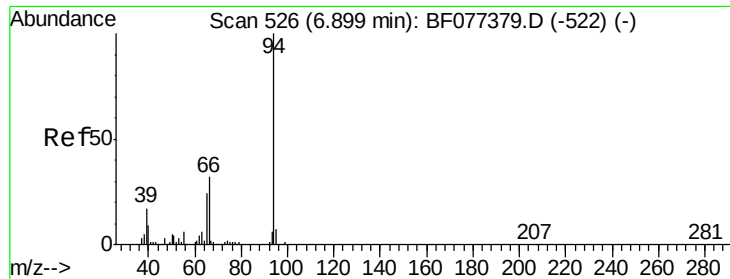
Ion Ratio Lower Upper

128 100

130 32.3 12.0 52.0

64 41.5 29.2 69.2





#10

Phenol

Concen: 29.93 ng

RT: 6.90 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF077399.D

Acq: 23 Feb 2015 12:19

Instrument :

BNA_F

ClientSampleId :

HF-1MS

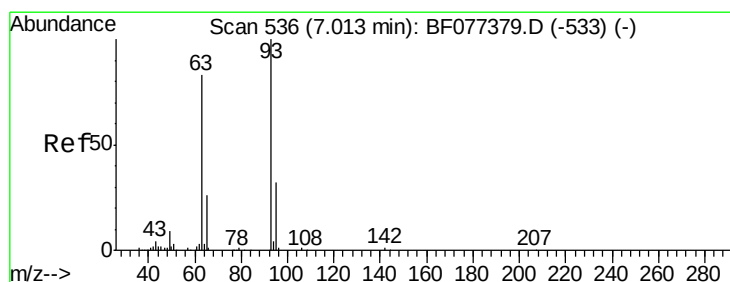
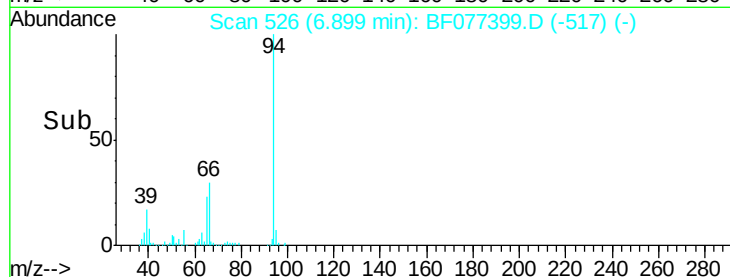
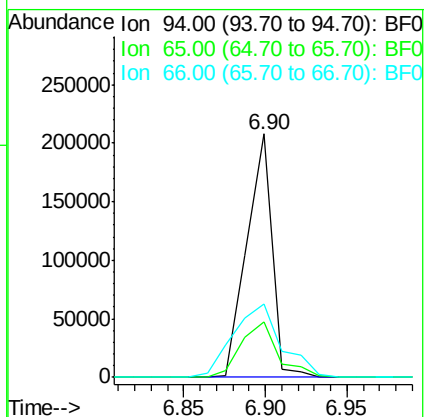
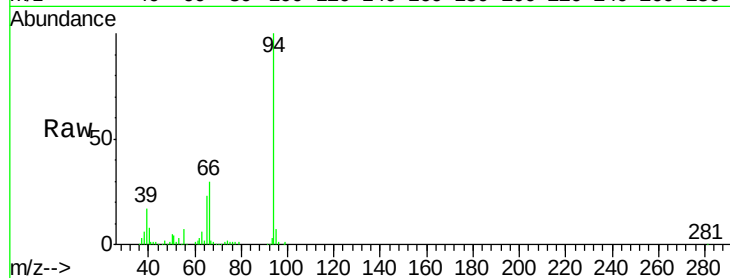
Tot Ion: 94 Resp: 222507

Ion Ratio Lower Upper

94 100

65 22.9 5.7 45.7

66 29.9 13.6 53.6



#11

bis(2-Chloroethyl)ether

Concen: 29.74 ng

RT: 7.01 min Scan# 536

Delta R.T. -0.01 min

Lab File: BF077399.D

Acq: 23 Feb 2015 12:19

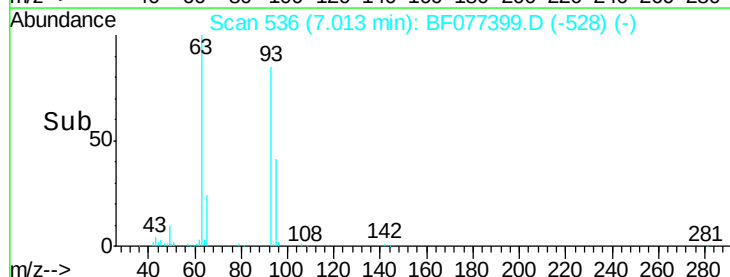
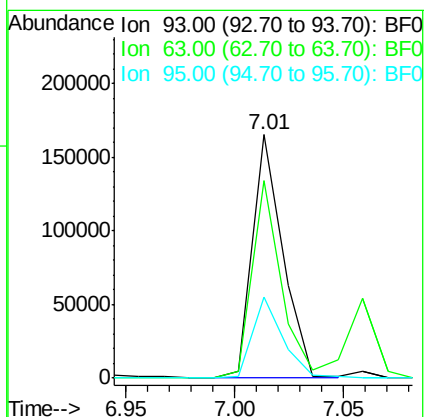
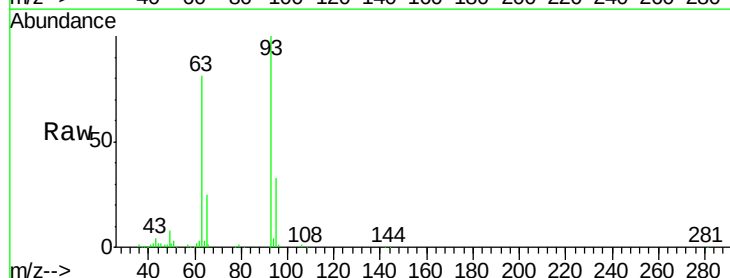
Tgt Ion: 93 Resp: 158892

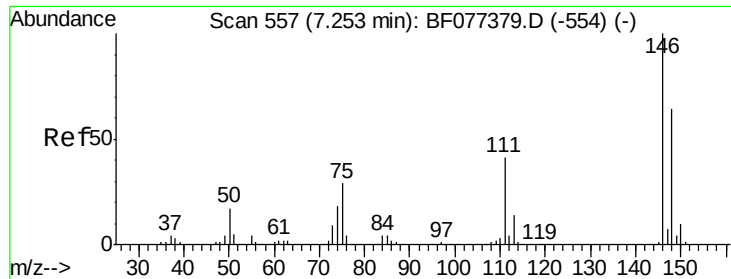
Ion Ratio Lower Upper

93 100

63 81.2 48.7 88.7

95 33.1 13.6 53.6

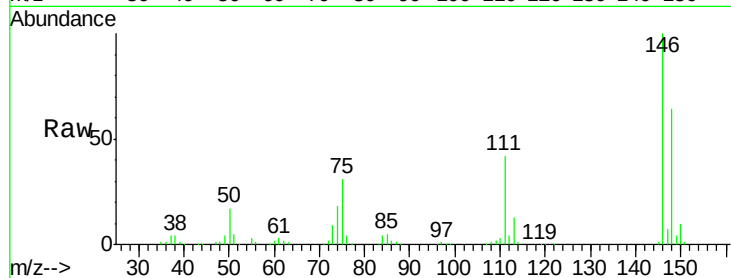




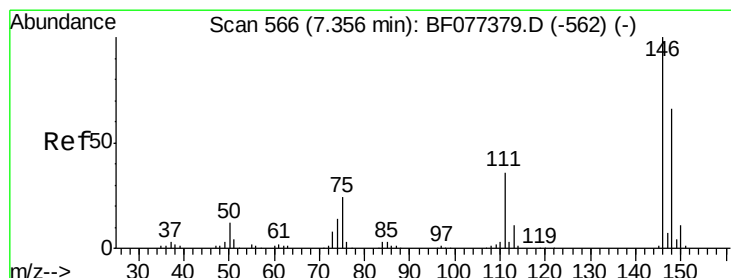
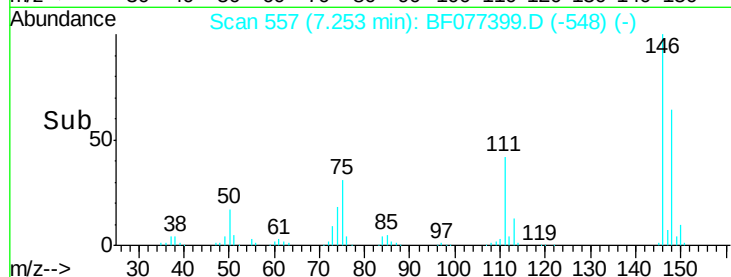
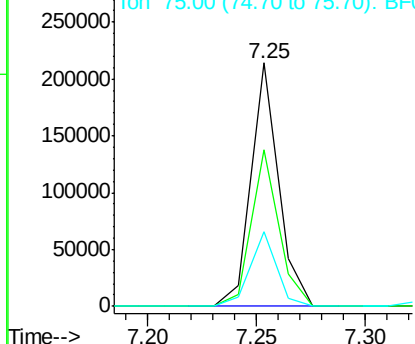
#12
 1,3-Dichlorobenzene
 Concen: 30.08 ng
 RT: 7.25 min Scan# 557
 Delta R.T. -0.00 min
 Lab File: BF077399.D
 Acq: 23 Feb 2015 12:19

Instrument :
 BNA_F
 ClientSampled :
 HF-1MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	49.8	74.8
75	30.6	28.2	42.4

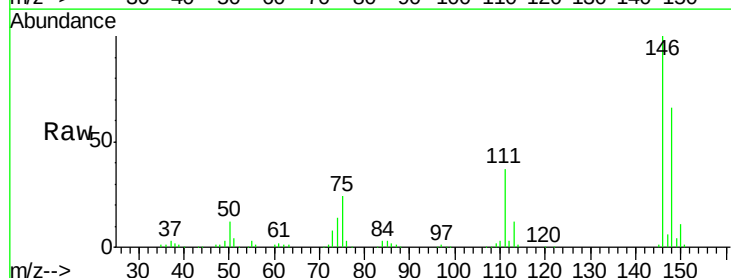


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

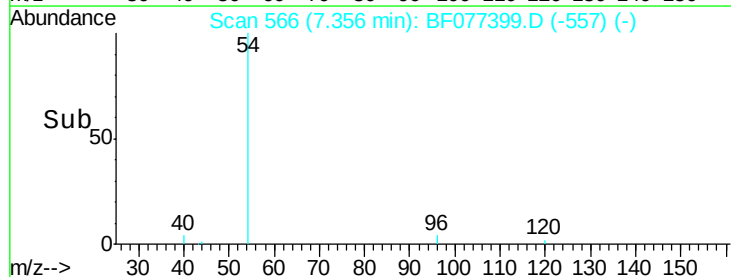
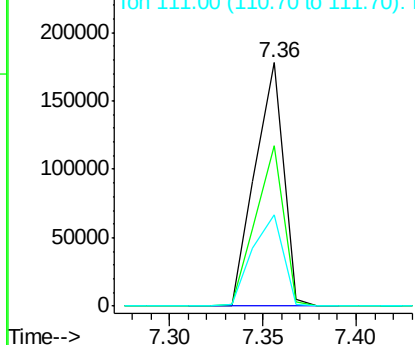


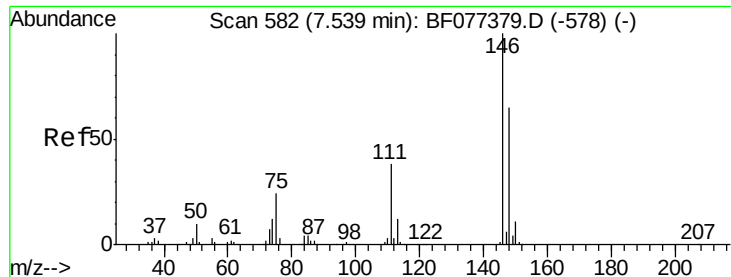
#13
 1,4-Dichlorobenzene
 Concen: 29.54 ng
 RT: 7.36 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: BF077399.D
 Acq: 23 Feb 2015 12:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	52.0	78.0
111	37.3	31.9	47.9



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

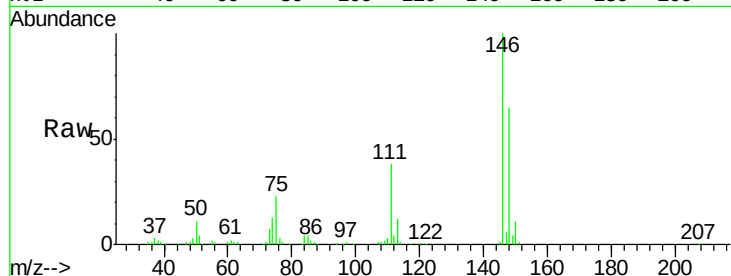




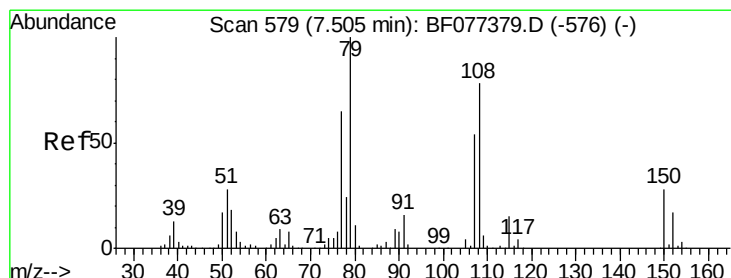
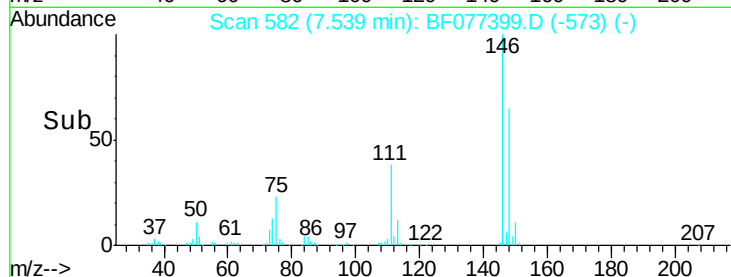
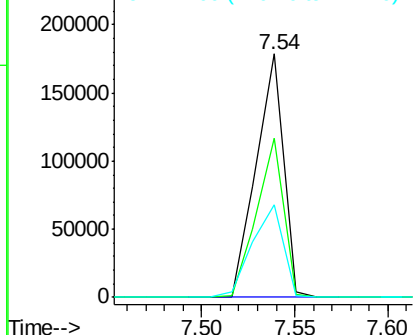
#14
1,2-Dichlorobenzene
Concen: 29.93 ng
RT: 7.54 min Scan# 582
Delta R.T. -0.00 min
Lab File: BF077399.D
Acq: 23 Feb 2015 12:19

Instrument :
BNA_F
ClientSampleId :
HF-1MS

Tot Ion:146 Resp: 181316
Ion Ratio Lower Upper
146 100
148 65.2 51.6 77.4
111 37.8 34.2 51.2

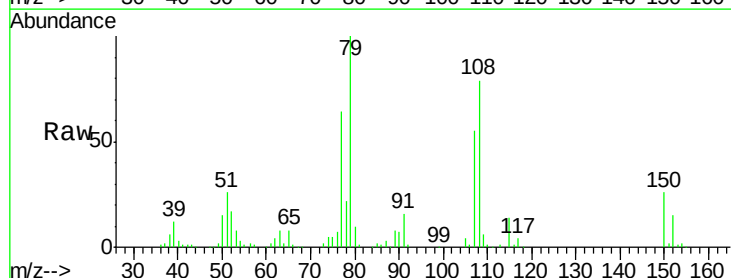


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

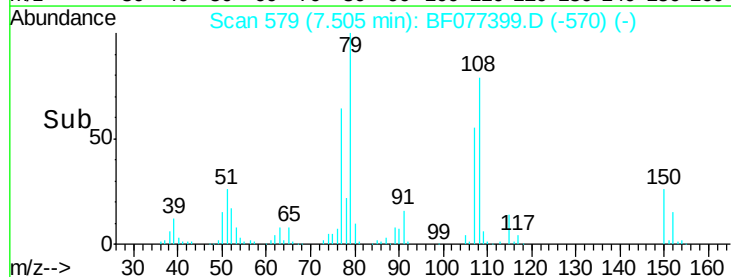
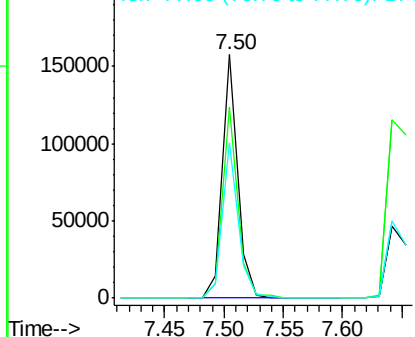


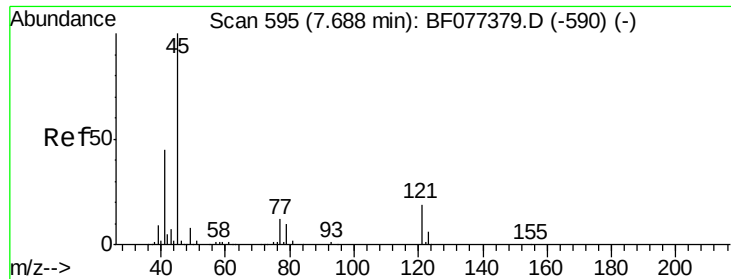
#15
Benzyl Alcohol
Concen: 29.36 ng
RT: 7.50 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF077399.D
Acq: 23 Feb 2015 12:19

Tgt Ion: 79 Resp: 139852
Ion Ratio Lower Upper
79 100
108 78.6 58.3 87.5
77 64.0 51.3 76.9



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

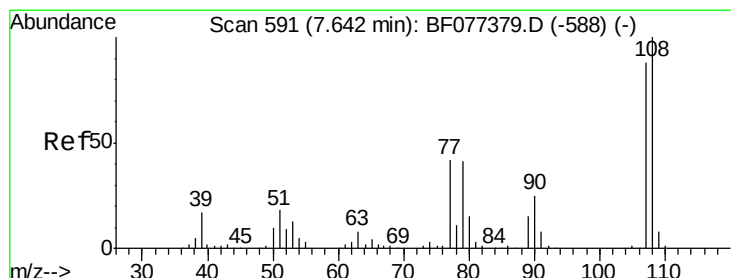
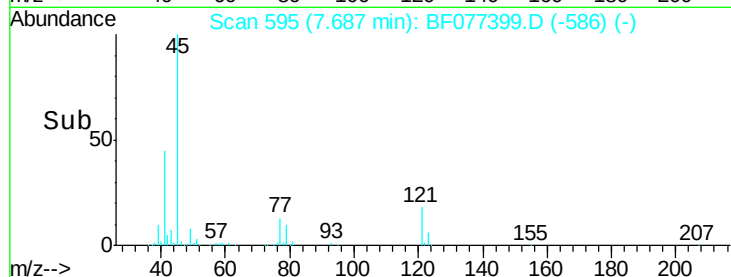
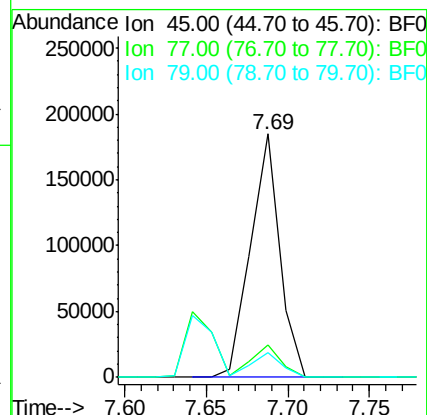
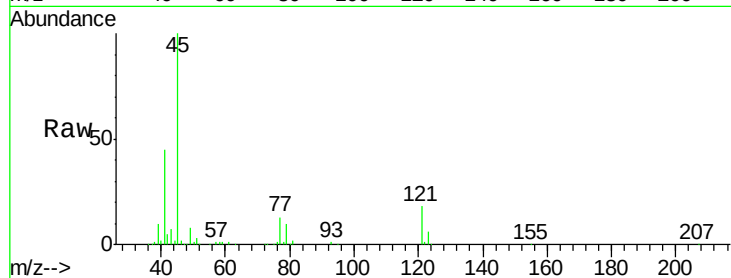




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 30.06 ng
RT: 7.69 min Scan# 595
Delta R.T. -0.00 min
Lab File: BF077399.D
Acq: 23 Feb 2015 12:19

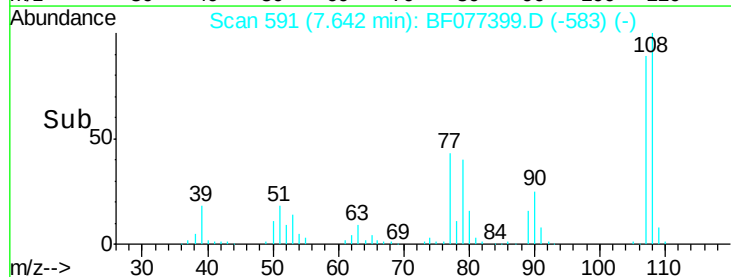
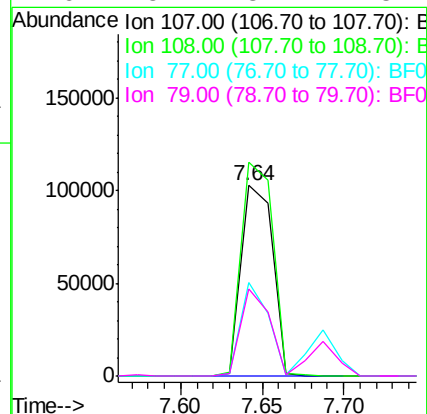
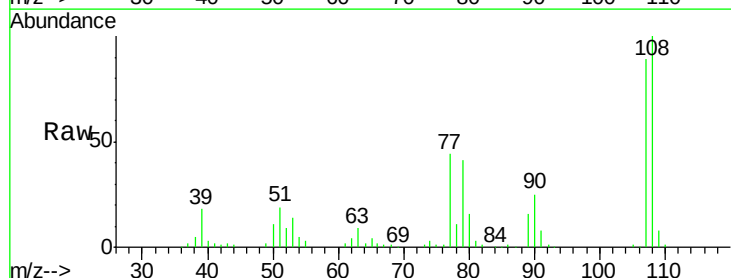
Instrument :
BNA_F
ClientSampleId :
HF-1MS

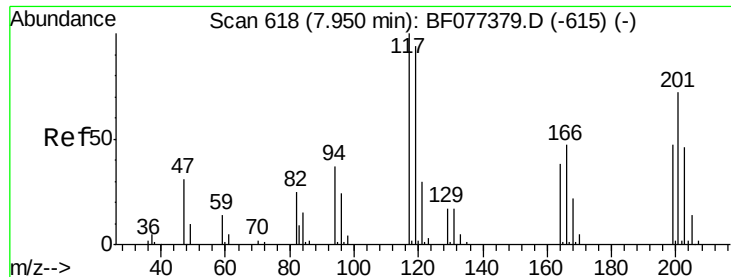
Tot Ion	Ratio	Lower	Upper
45	100		
77	13.4	0.0	34.6
79	10.3	0.0	31.5



#17
2-Methylphenol
Concen: 30.37 ng
RT: 7.64 min Scan# 591
Delta R.T. -0.01 min
Lab File: BF077399.D
Acq: 23 Feb 2015 12:19

Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.1	91.2	136.8
77	48.8	33.6	50.4
79	45.4	32.1	48.1

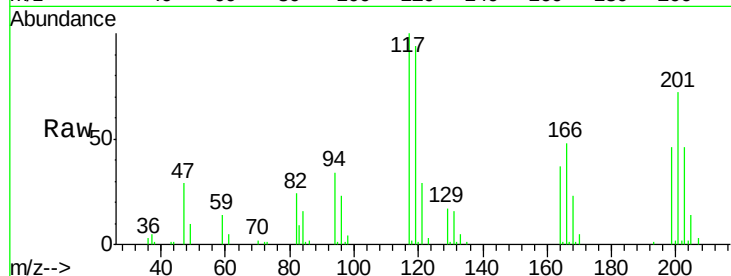




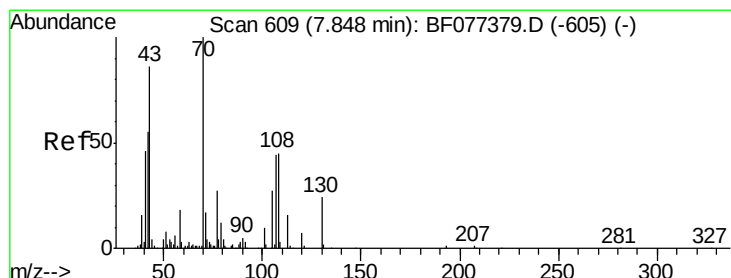
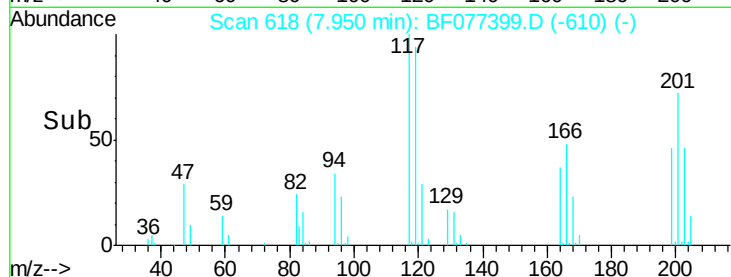
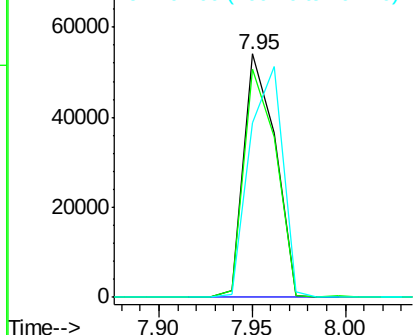
#18
Hexachloroethane
Concen: 29.87 ng
RT: 7.95 min Scan# 618
Delta R.T. -0.01 min
Lab File: BF077399.D
Acq: 23 Feb 2015 12:19

Instrument :
BNA_F
ClientSampleId :
HF-1MS

Tot Ion:117 Resp: 63535
Ion Ratio Lower Upper
117 100
119 93.7 77.8 116.8
201 71.8 90.6 136.0#

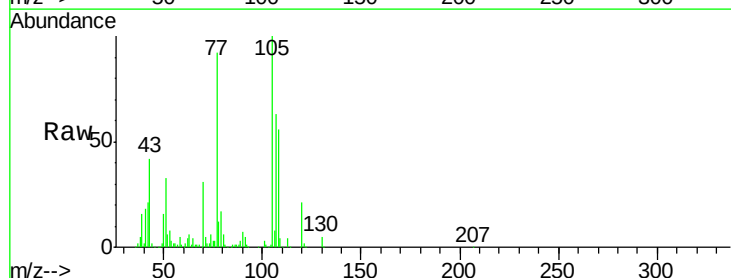


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

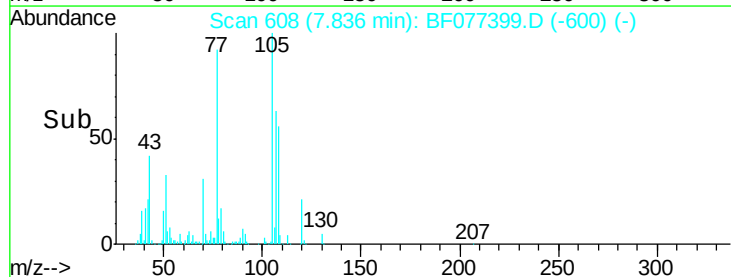
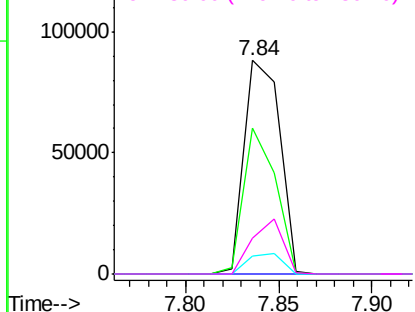


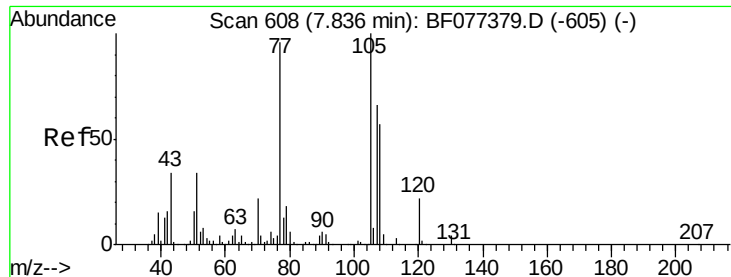
#19
n-Nitroso-di-n-propylamine
Concen: 29.36 ng
RT: 7.84 min Scan# 608
Delta R.T. -0.01 min
Lab File: BF077399.D
Acq: 23 Feb 2015 12:19

Tgt Ion: 70 Resp: 116833
Ion Ratio Lower Upper
70 100
42 68.2 48.3 72.5
101 8.4 7.5 11.3
130 17.0 16.7 25.1



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 30.07 ng

RT: 7.84 min Scan# 608

Delta R.T. -0.01 min

Lab File: BF077399.D

Acq: 23 Feb 2015 12:19

Instrument :

BNA_F

ClientSampleId :

HF-1MS

Tot Ion:107 Resp: 177969

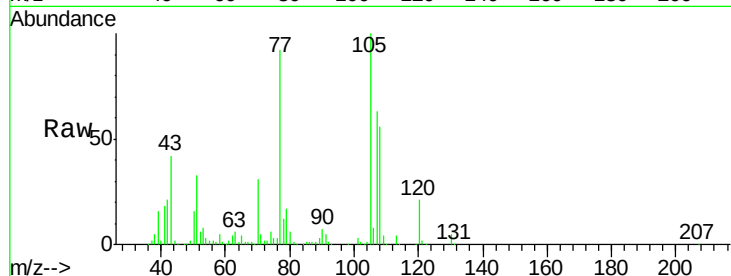
Ion Ratio Lower Upper

107 100

108 87.7 76.8 116.8

77 145.5 65.8 105.8#

79 26.7 9.6 49.6

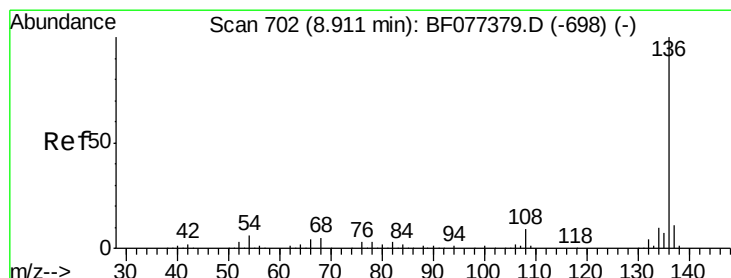
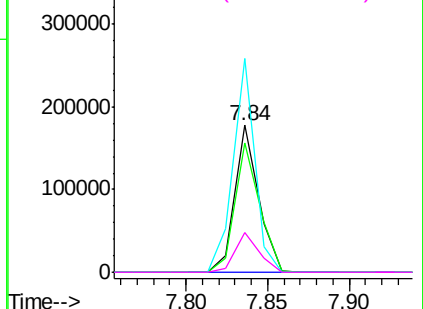
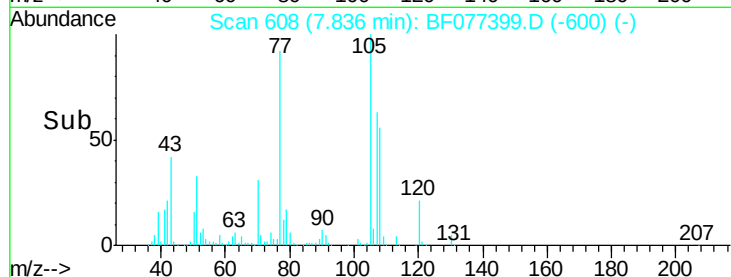


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.91 min Scan# 702

Delta R.T. -0.00 min

Lab File: BF077399.D

Acq: 23 Feb 2015 12:19

Tgt Ion:136 Resp: 317213

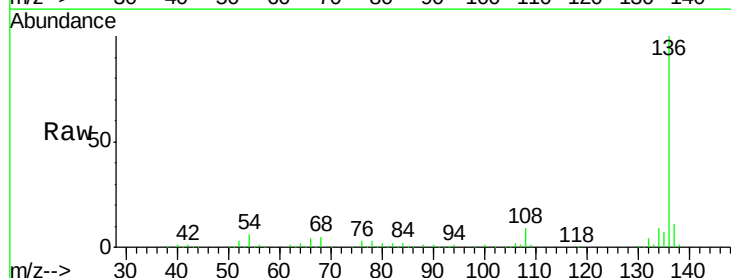
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 5.9 6.2 9.4#

68 4.6 5.0 7.6#

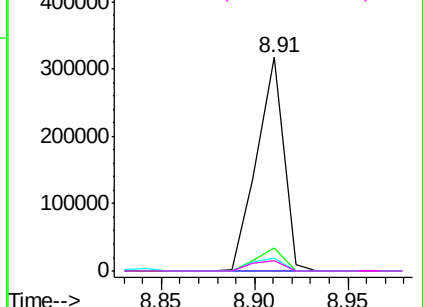
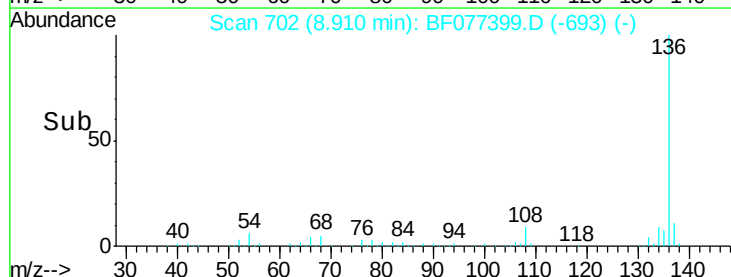


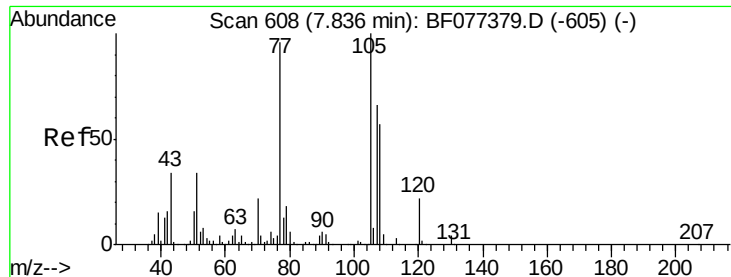
Abundance Ion 136.00 (135.70 to 136.70): E

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: 32.15 ng

RT: 7.84 min Scan# 608

Delta R.T. -0.00 min

Lab File: BF077399.D

Acq: 23 Feb 2015 12:19

Instrument :

BNA_F

ClientSampleId :

HF-1MS

Tot Ion:105 Resp: 239861

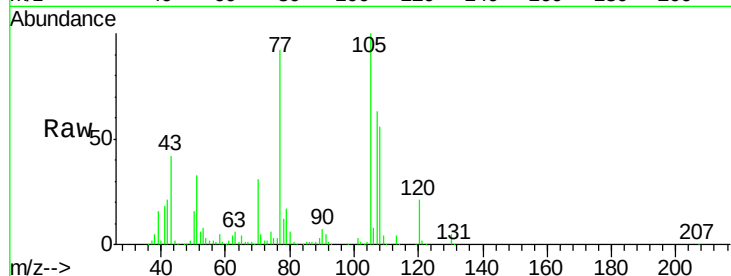
Ion Ratio Lower Upper

105 100

71 5.2 1.7 2.5#

51 32.9 30.7 46.1

120 21.3 16.7 25.1

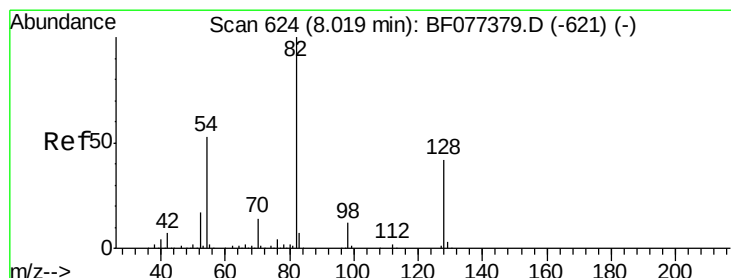
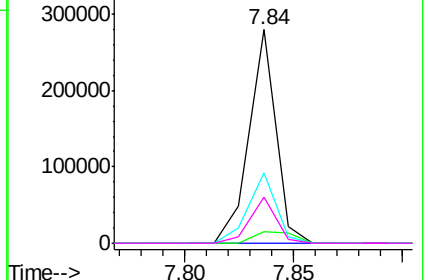
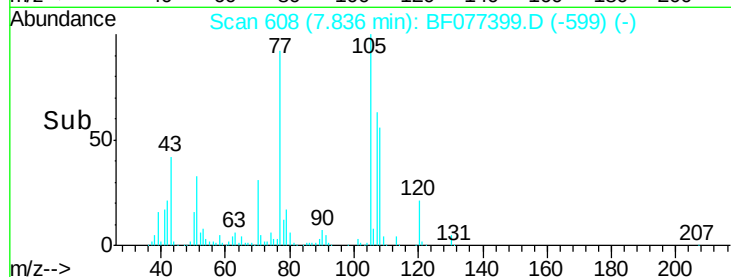


Abundance Ion 105.00 (104.70 to 105.70): E

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: 67.85 ng

RT: 8.02 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF077399.D

Acq: 23 Feb 2015 12:19

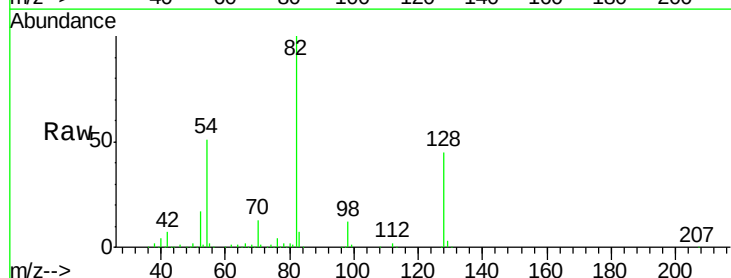
Tgt Ion: 82 Resp: 346122

Ion Ratio Lower Upper

82 100

128 44.5 43.8 65.8

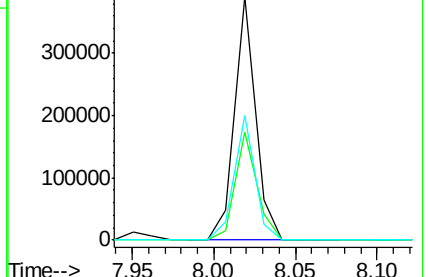
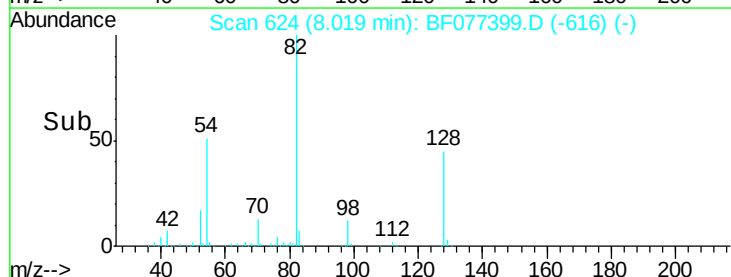
54 51.1 36.7 55.1

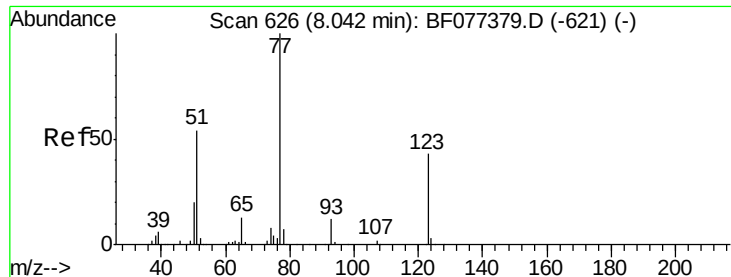


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

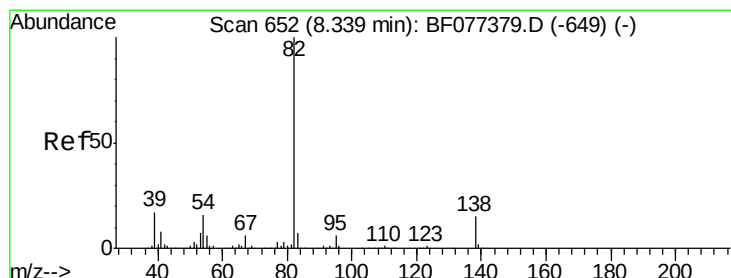
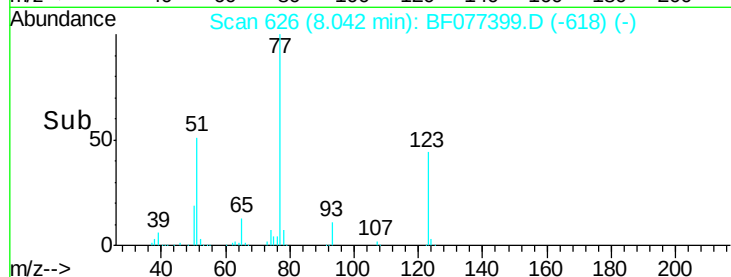
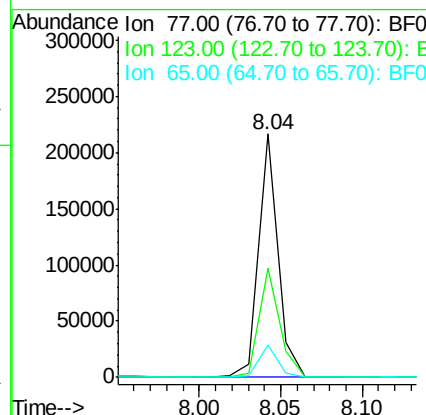
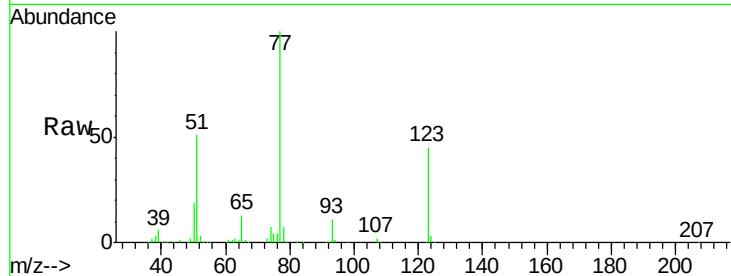




#24
 Nitrobenzene
 Concen: 33.43 ng
 RT: 8.04 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF077399.D
 Acq: 23 Feb 2015 12:19

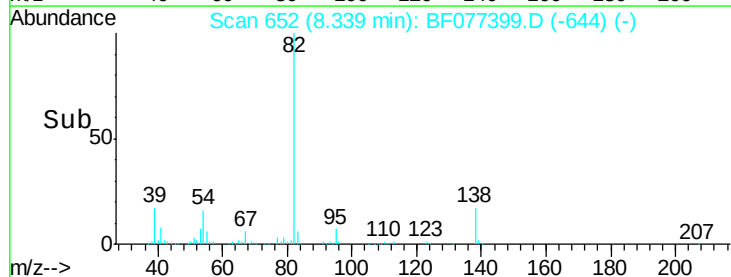
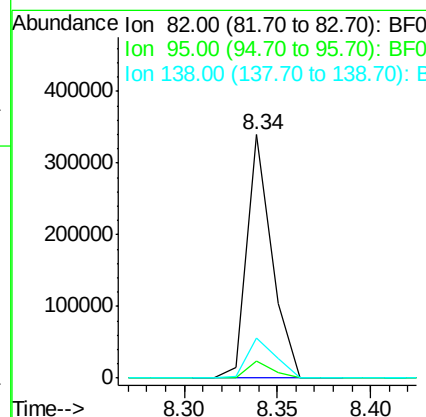
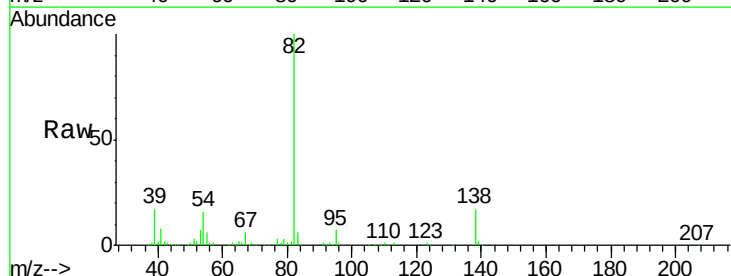
Instrument :
 BNA_F
 ClientSampleId :
 HF-1MS

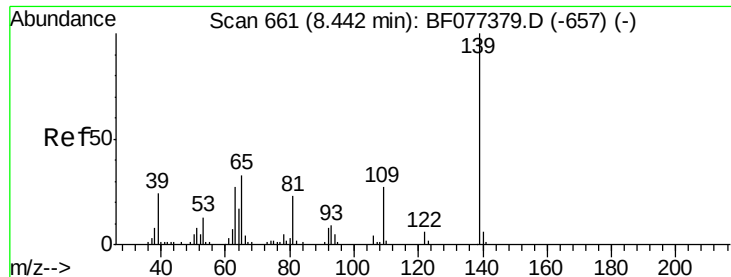
Tot Ion	Ratio	Lower	Upper
77	100		
123	45.0	45.9	68.9#
65	13.2	9.5	14.3



#25
 Isophorone
 Concen: 31.14 ng
 RT: 8.34 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF077399.D
 Acq: 23 Feb 2015 12:19

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.4	8.2
138	16.7	16.3	24.5





#26

2-Nitrophenol

Concen: 31.08 ng

RT: 8.44 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF077399.D

Acq: 23 Feb 2015 12:19

Instrument :

BNA_F

ClientSampleId :

HF-1MS

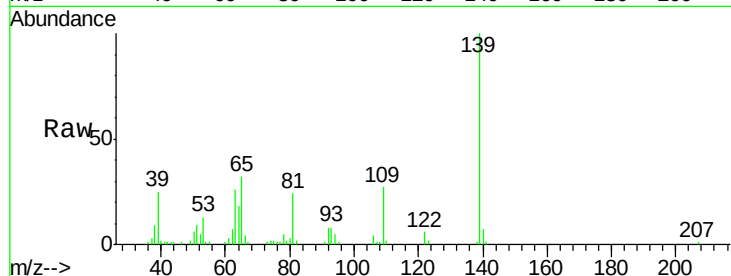
Tot Ion:139 Resp: 68361

Ion Ratio Lower Upper

139 100

109 27.5 22.6 34.0

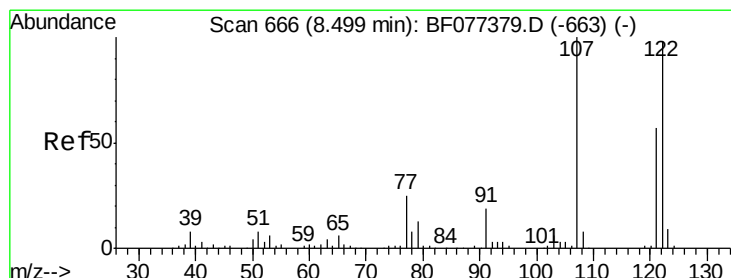
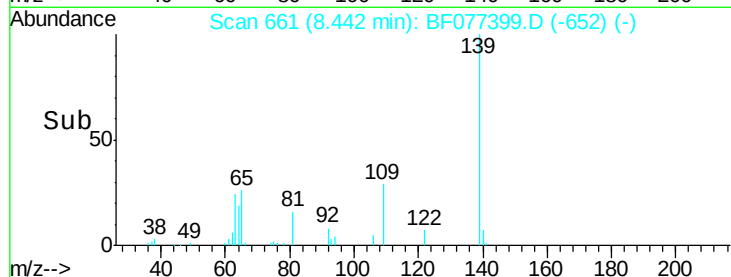
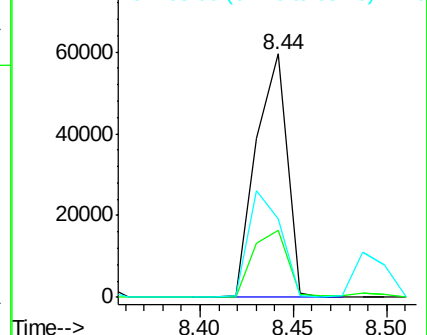
65 32.2 36.4 54.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



#27

2,4-Dimethylphenol

Concen: 30.71 ng

RT: 8.50 min Scan# 666

Delta R.T. -0.00 min

Lab File: BF077399.D

Acq: 23 Feb 2015 12:19

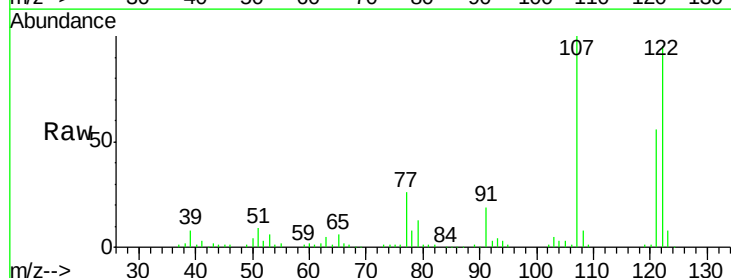
Tgt Ion:122 Resp: 151148

Ion Ratio Lower Upper

122 100

107 104.8 86.6 130.0

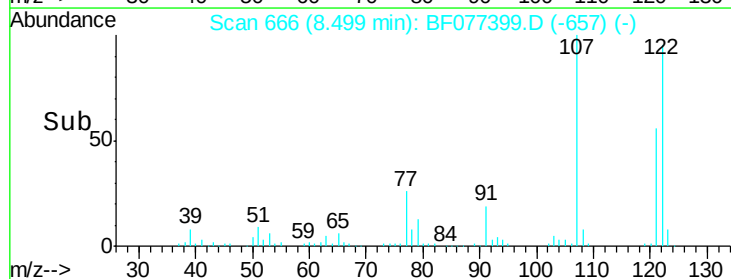
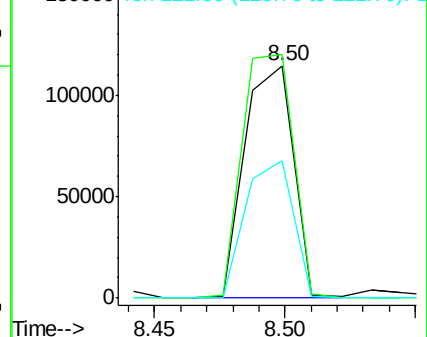
121 58.9 47.4 71.0

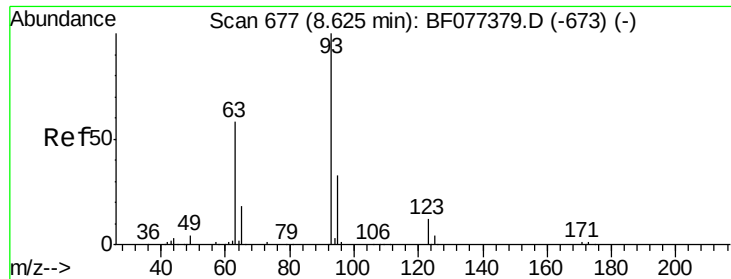


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



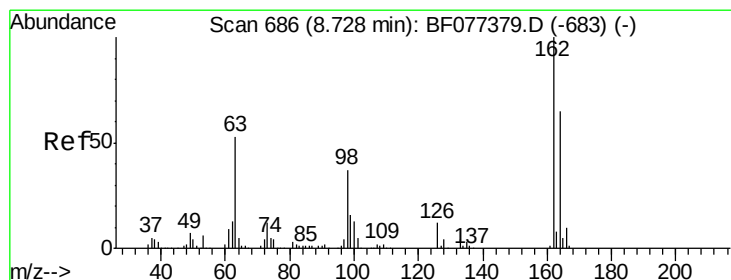
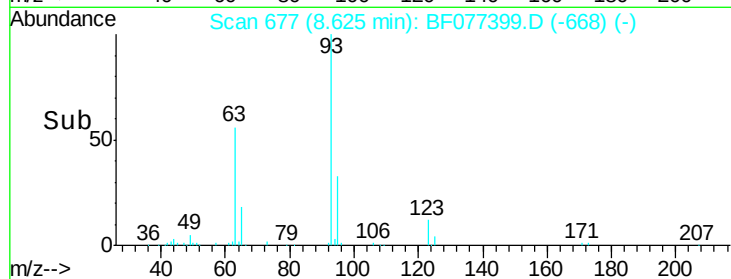
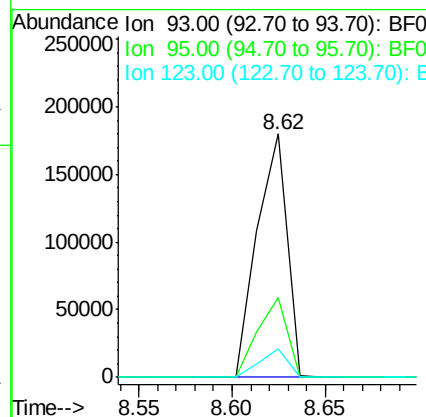
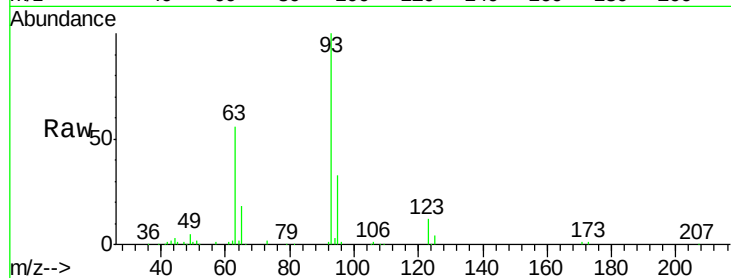


#28
bis(2-Chloroethoxy)methane
Concen: 31.12 ng
RT: 8.62 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF077399.D
Acq: 23 Feb 2015 12:19

Instrument :
BNA_F
ClientSampleId :
HF-1MS

Tot Ion: 93 Resp: 198968

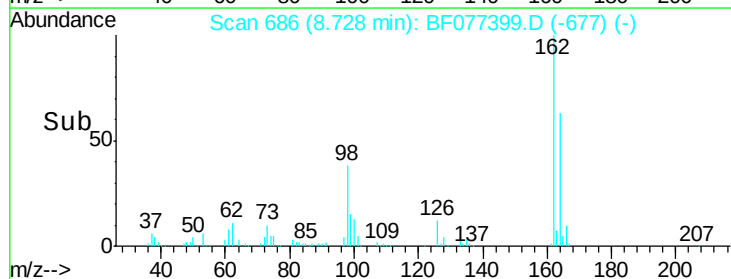
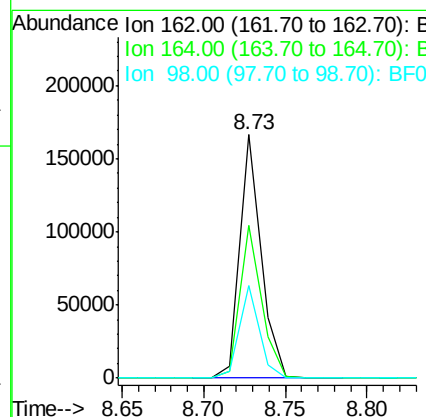
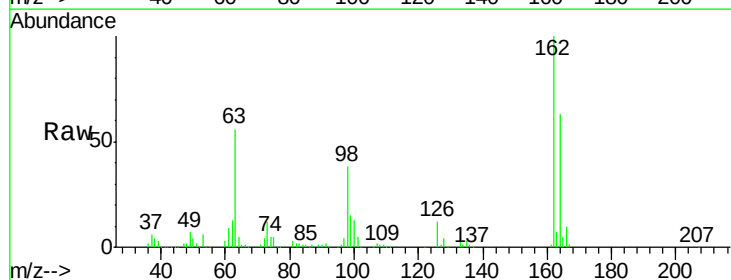
Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.4	39.6
123	11.9	8.7	13.1

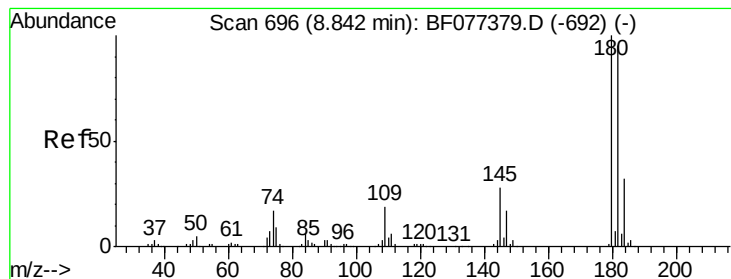


#29
2,4-Dichlorophenol
Concen: 32.41 ng
RT: 8.73 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF077399.D
Acq: 23 Feb 2015 12:19

Tgt Ion: 162 Resp: 149726

Ion	Ratio	Lower	Upper
162	100		
164	62.7	46.4	86.4
98	37.8	6.9	46.9





#30

1,2,4-Trichlorobenzene

Concen: 32.10 ng

RT: 8.84 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF077399.D

Acq: 23 Feb 2015 12:19

Instrument :

BNA_F

ClientSampleId :

HF-1MS

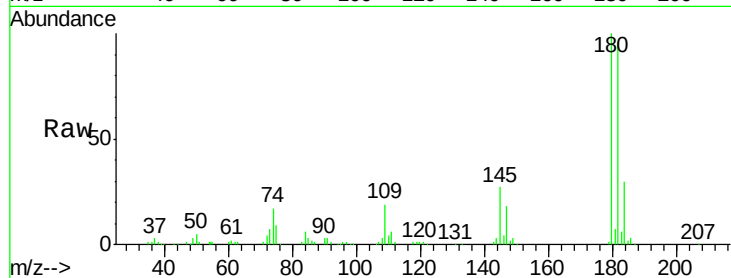
Tot Ion:180 Resp: 163051

Ion Ratio Lower Upper

180 100

182 95.9 76.2 114.4

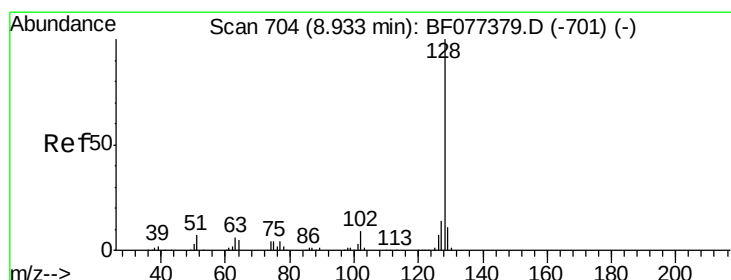
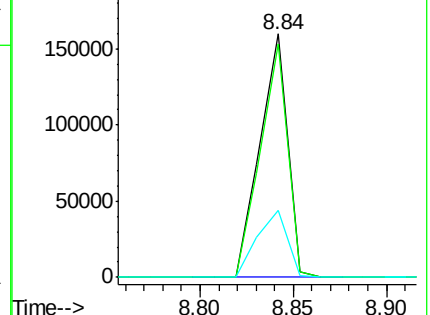
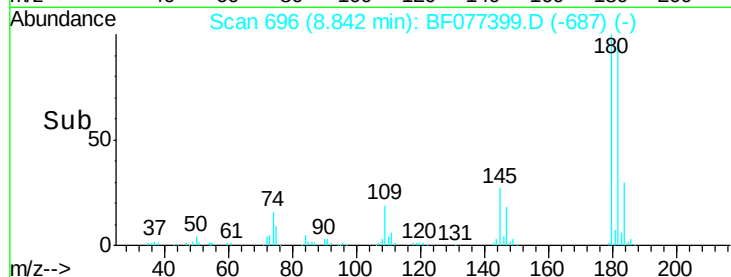
145 27.4 24.5 36.7



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: 33.03 ng

RT: 8.93 min Scan# 704

Delta R.T. -0.00 min

Lab File: BF077399.D

Acq: 23 Feb 2015 12:19

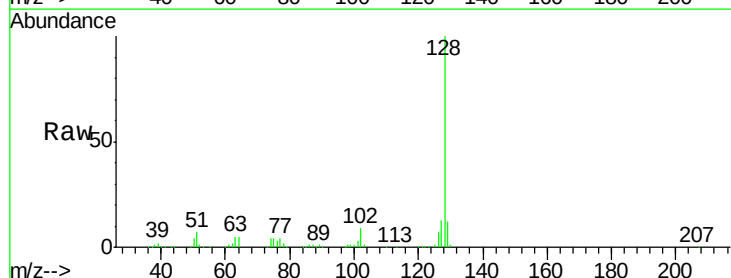
Tgt Ion:128 Resp: 523918

Ion Ratio Lower Upper

128 100

129 11.8 9.4 14.0

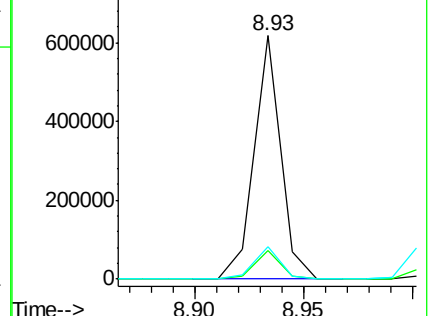
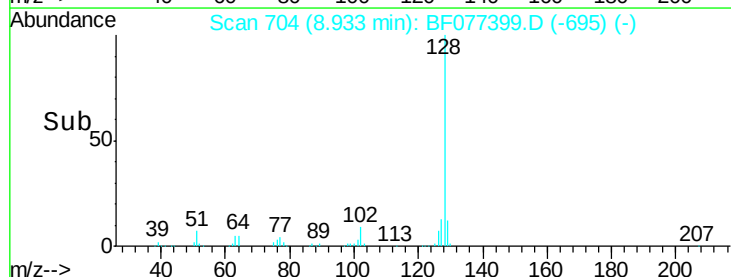
127 13.2 10.6 15.8

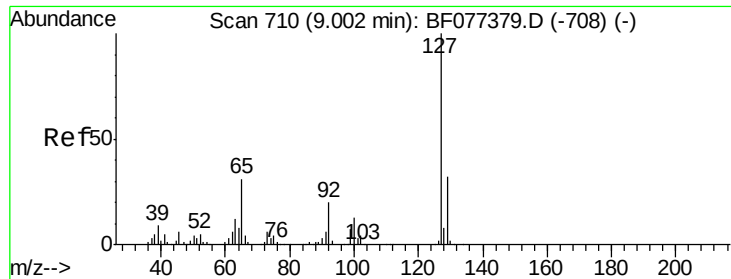


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

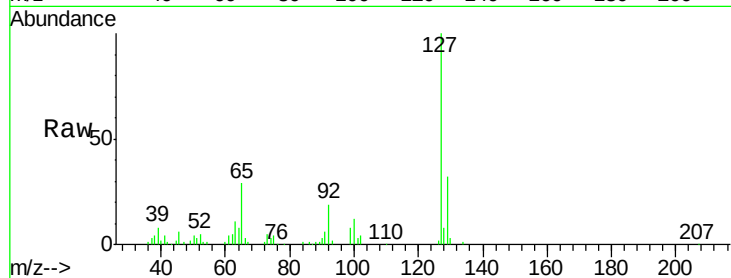




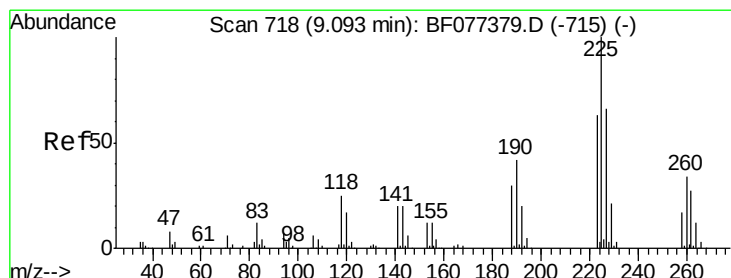
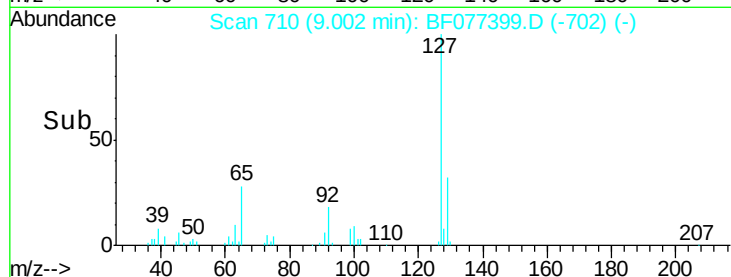
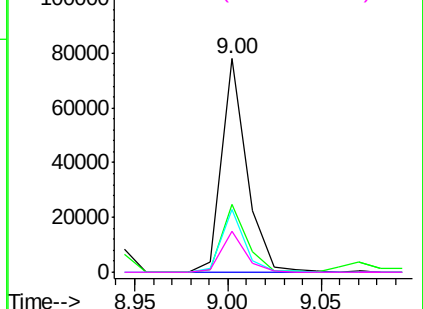
#33
 4-Chloroaniline
 Concen: 10.46 ng
 RT: 9.00 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BF077399.D
 Acq: 23 Feb 2015 12:19

Instrument :
 BNA_F
 ClientSampleId :
 HF-1MS

Tot Ion:	127	Resp:	73787
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.9	40.3
65	29.2	16.7	25.1#
92	19.0	12.5	18.7#

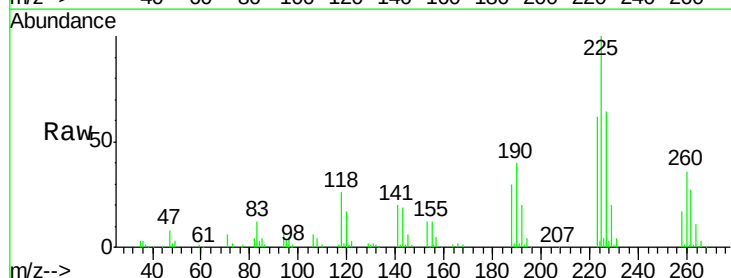


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

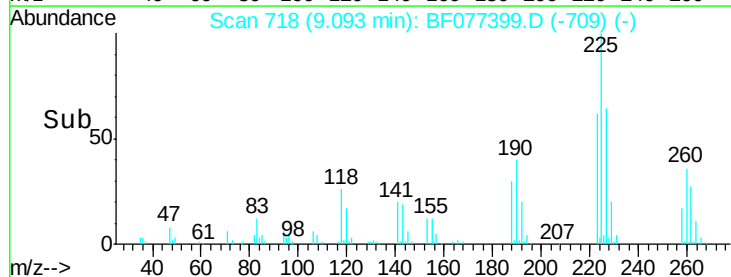
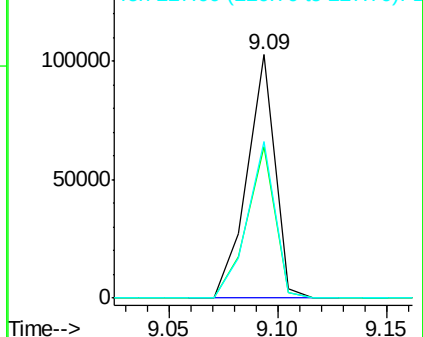


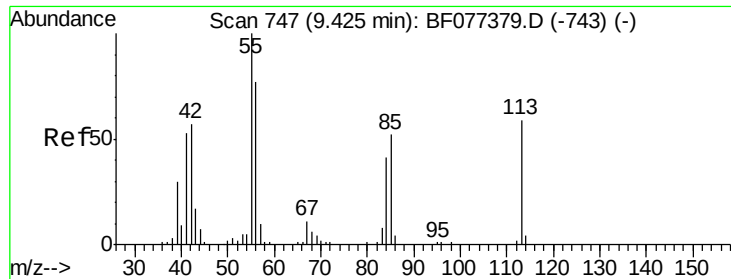
#34
 Hexachlorobutadiene
 Concen: 31.64 ng
 RT: 9.09 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: BF077399.D
 Acq: 23 Feb 2015 12:19

Tgt Ion:	225	Resp:	91740
Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.5	74.3
227	64.5	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: 32.01 ng

RT: 9.41 min Scan# 746

Delta R.T. -0.03 min

Lab File: BF077399.D

Acq: 23 Feb 2015 12:19

Instrument :

BNA_F

ClientSampleId :

HF-1MS

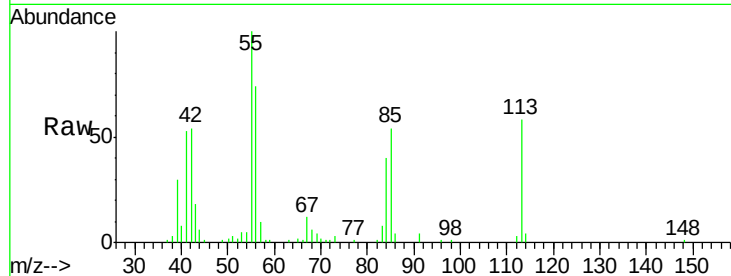
Tot Ion:113 Resp: 45139

Ion Ratio Lower Upper

113 100

55 172.9 154.6 194.6

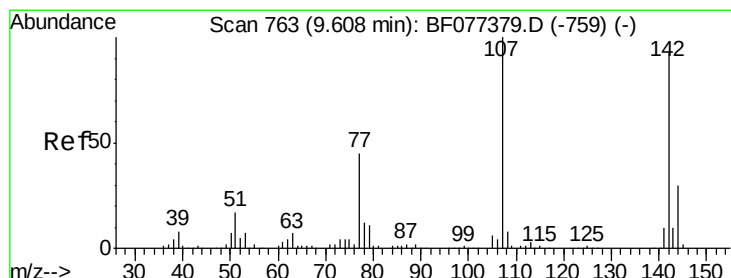
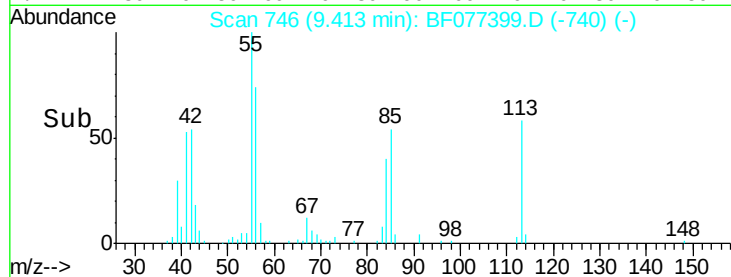
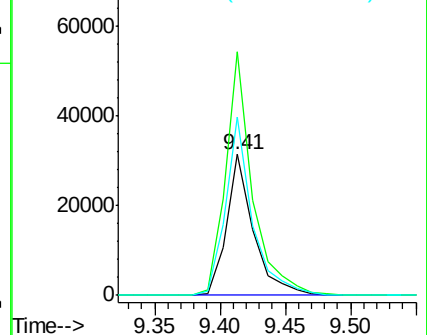
56 127.1 114.0 154.0



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: 33.48 ng

RT: 9.61 min Scan# 763

Delta R.T. -0.00 min

Lab File: BF077399.D

Acq: 23 Feb 2015 12:19

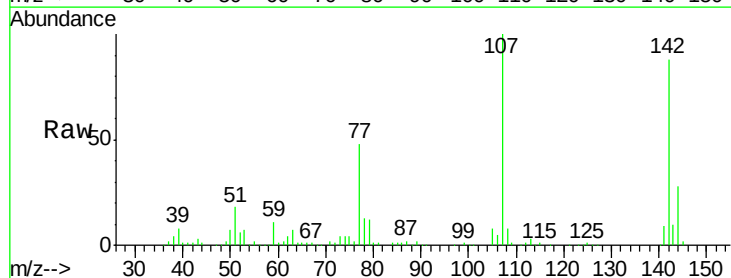
Tgt Ion:107 Resp: 155474

Ion Ratio Lower Upper

107 100

144 28.3 21.1 31.7

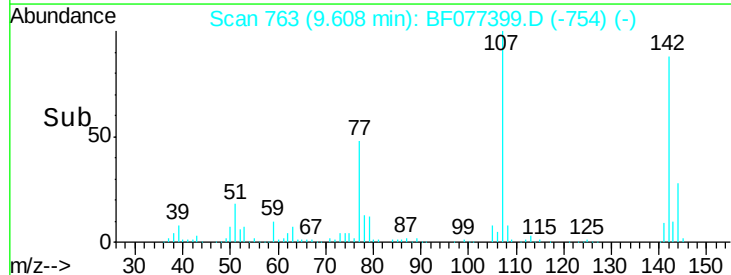
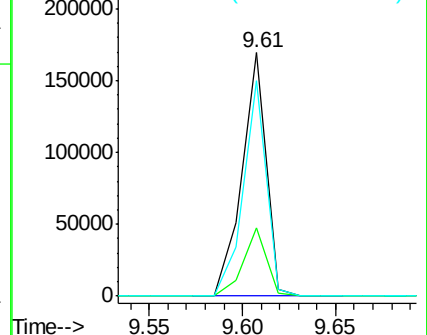
142 88.4 65.3 97.9

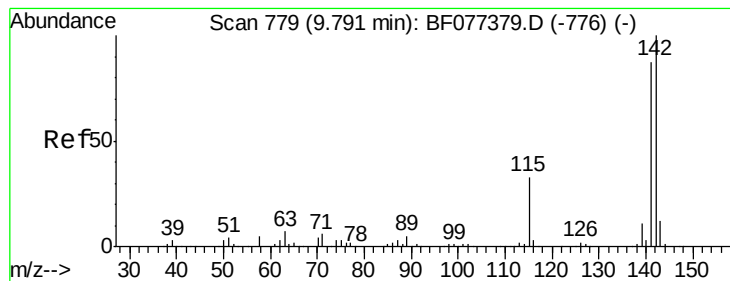


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 31.03 ng

RT: 9.79 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF077399.D

Acq: 23 Feb 2015 12:19

Instrument :

BNA_F

ClientSampleId :

HF-1MS

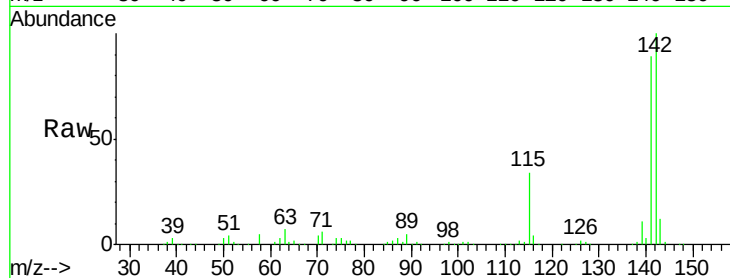
Tot Ion:142 Resp: 349596

Ion Ratio Lower Upper

142 100

141 88.9 70.7 106.1

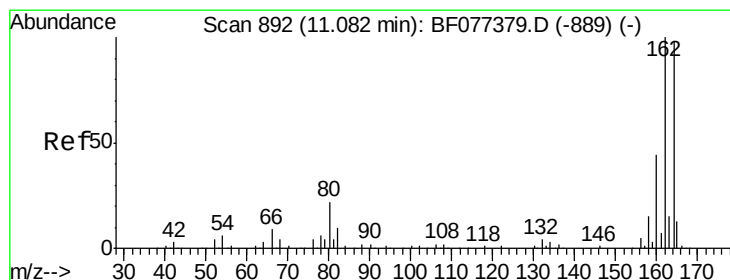
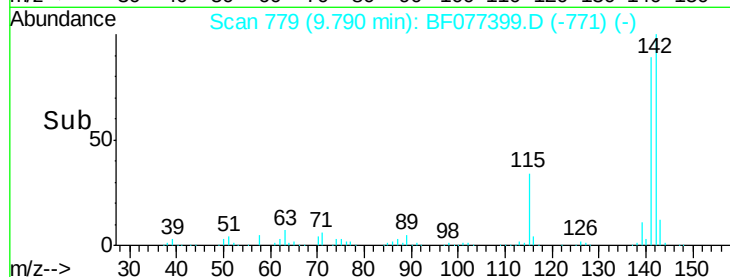
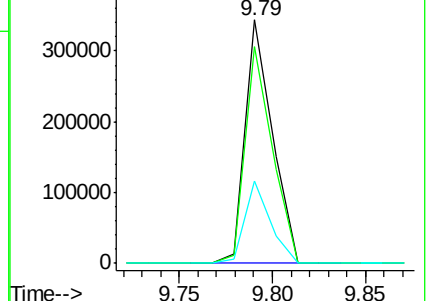
115 33.8 24.2 36.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.08 min Scan# 892

Delta R.T. -0.01 min

Lab File: BF077399.D

Acq: 23 Feb 2015 12:19

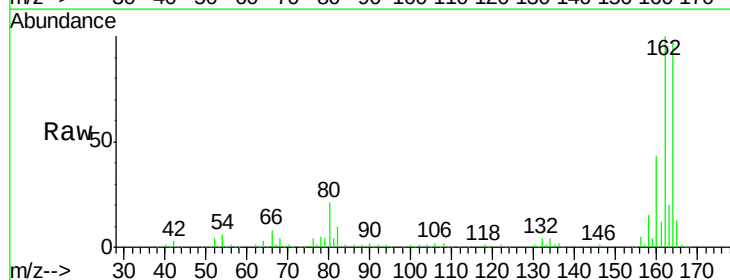
Tgt Ion:164 Resp: 170257

Ion Ratio Lower Upper

164 100

162 102.6 83.2 124.8

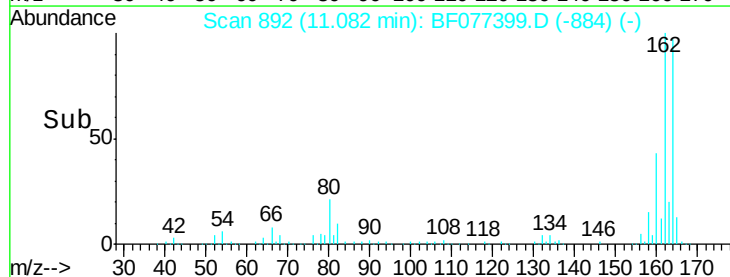
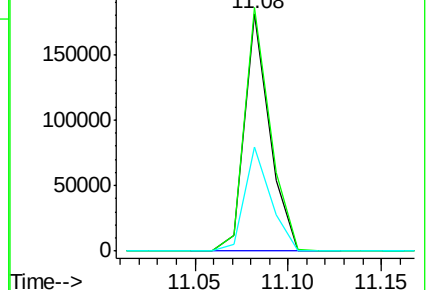
160 44.1 34.6 52.0

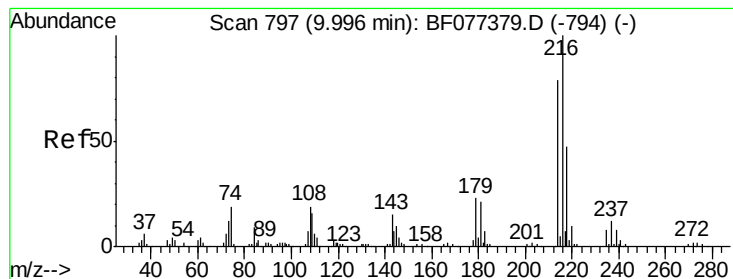


Abundance Ion 164.00 (163.70 to 164.70): E

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: 32.99 ng

RT: 10.00 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF077399.D

Acq: 23 Feb 2015 12:19

Instrument :

BNA_F

ClientSampled :

HF-1MS

Tot Ion:216 Resp: 161180

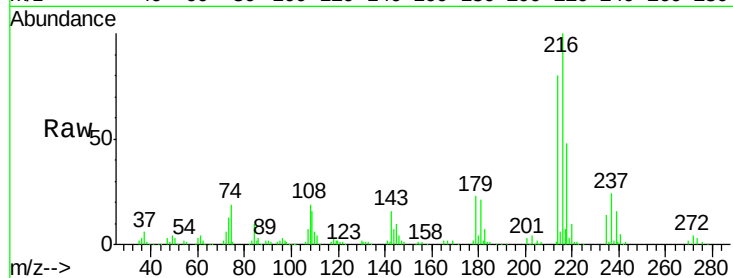
Ion Ratio Lower Upper

216 100

214 79.6 63.4 95.0

179 21.6 16.6 25.0

108 20.5 14.2 21.4

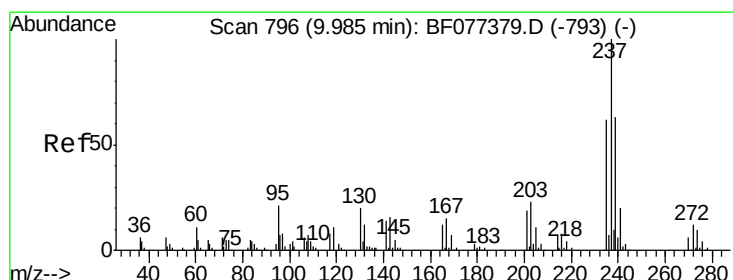
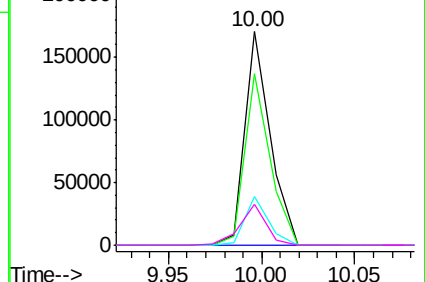
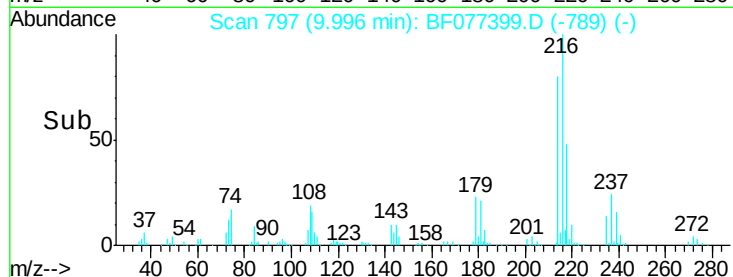


Abundance Ion 216.00 (215.70 to 216.70): E

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: 58.22 ng

RT: 9.98 min Scan# 796

Delta R.T. -0.00 min

Lab File: BF077399.D

Acq: 23 Feb 2015 12:19

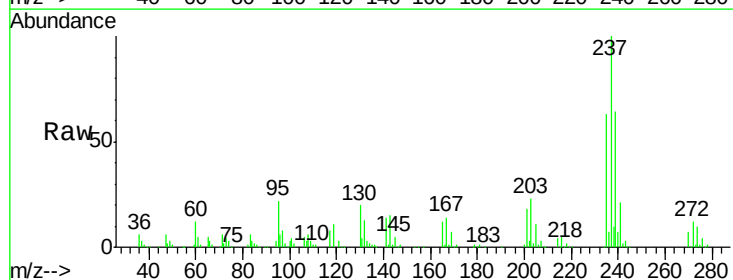
Tgt Ion:237 Resp: 152509

Ion Ratio Lower Upper

237 100

235 62.9 41.0 81.0

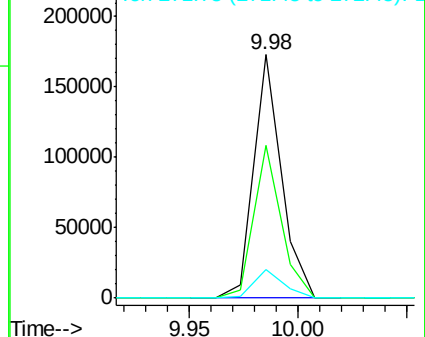
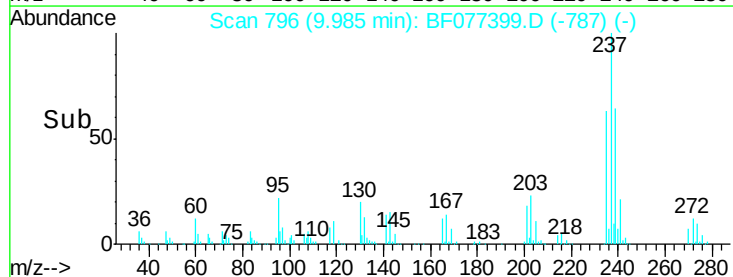
272 12.0 0.0 34.3

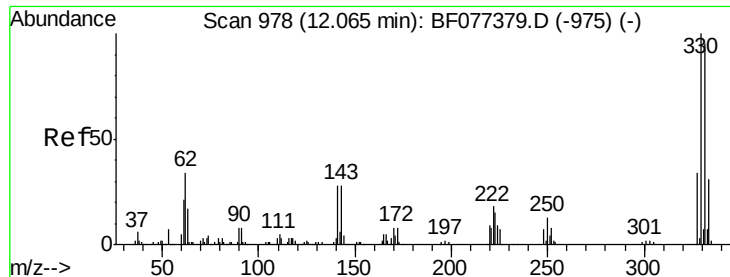


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

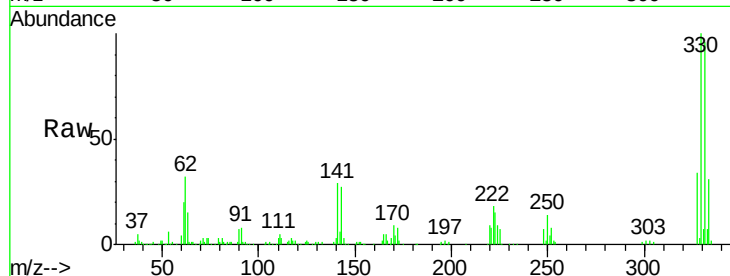




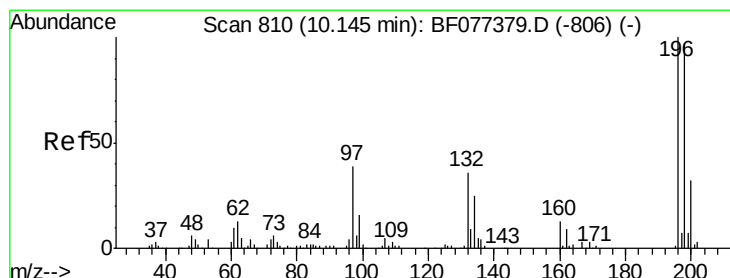
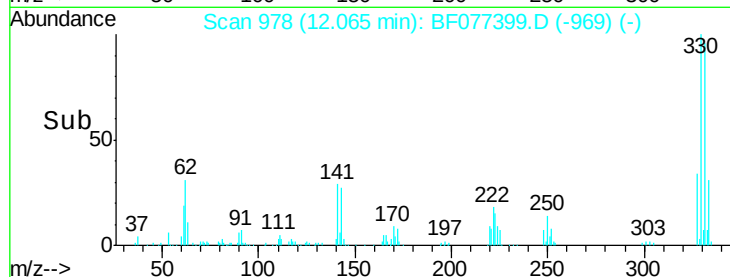
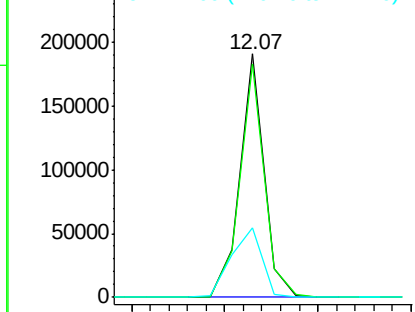
#41
 2,4,6-Tribromophenol
 Concen: 106.29 ng
 RT: 12.07 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF077399.D
 Acq: 23 Feb 2015 12:19

Instrument :
 BNA_F
 ClientSampleId :
 HF-1MS

Tot Ion:330 Resp: 174248
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.4 116.2
 141 36.3 28.8 43.2

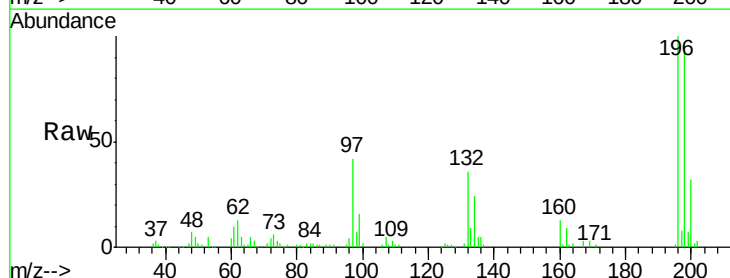


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

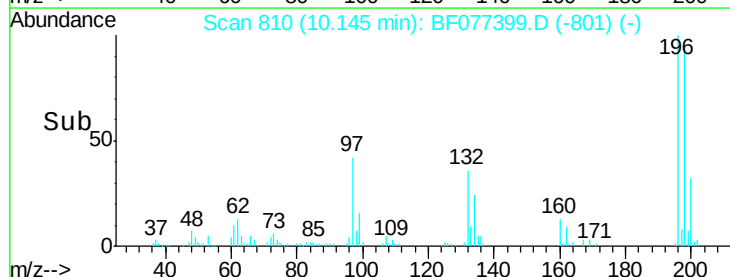
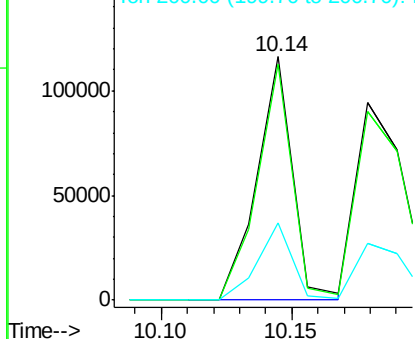


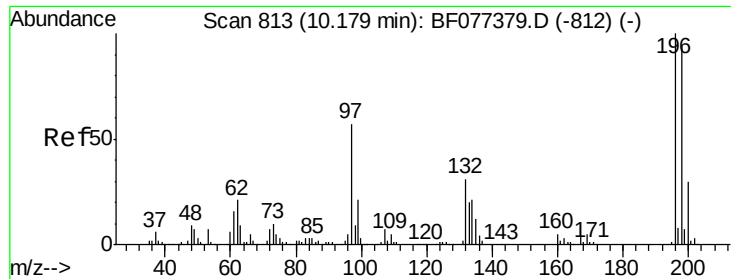
#42
 2,4,6-Trichlorophenol
 Concen: 34.28 ng
 RT: 10.14 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF077399.D
 Acq: 23 Feb 2015 12:19

Tgt Ion:196 Resp: 110915
 Ion Ratio Lower Upper
 196 100
 198 96.9 75.8 113.8
 200 31.6 24.2 36.4



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

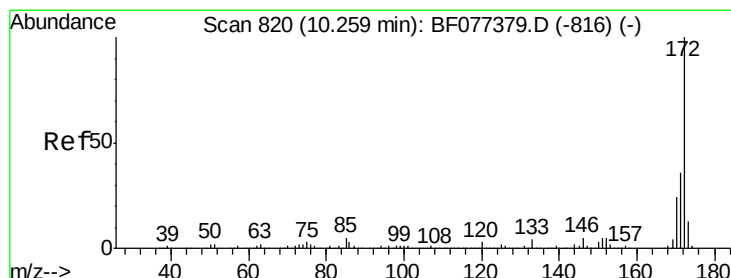
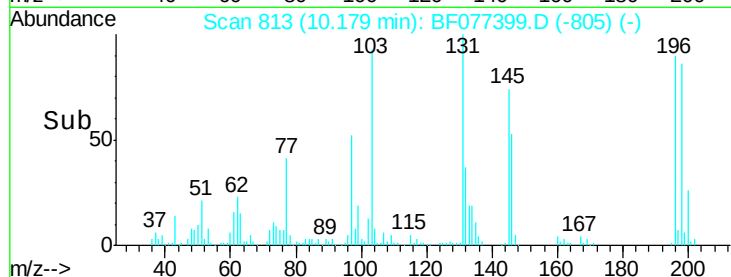
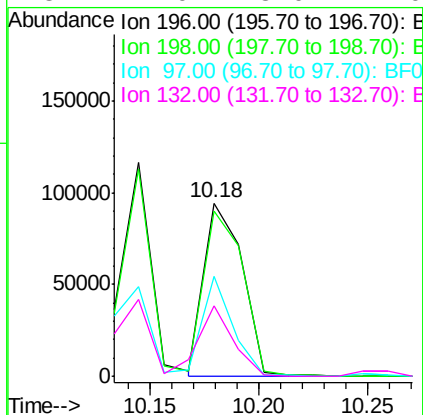
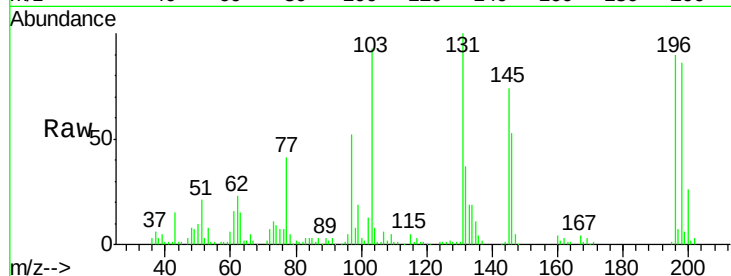




#43
2,4,5-Trichlorophenol
Concen: 33.46 ng
RT: 10.18 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF077399.D
Acq: 23 Feb 2015 12:19

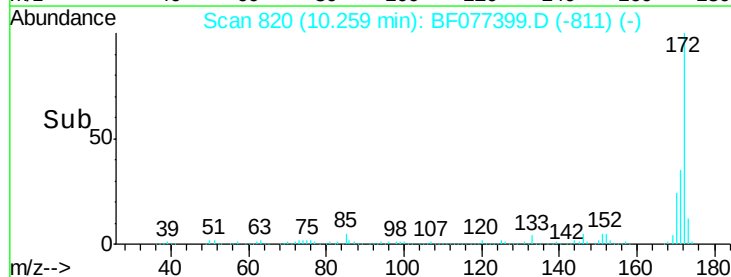
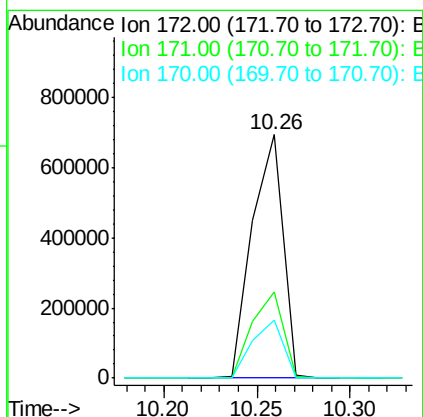
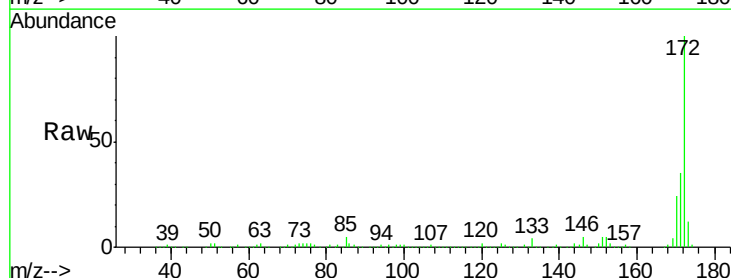
Instrument :
BNA_F
ClientSampleId :
HF-1MS

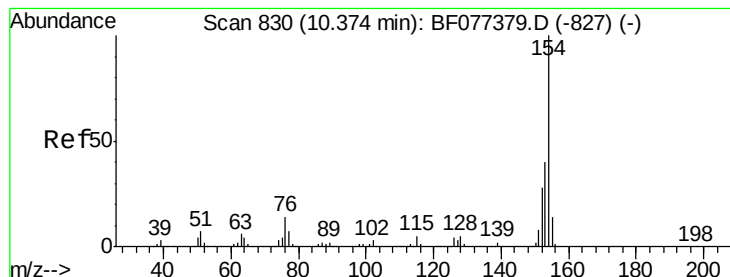
Tot Ion:196 Resp: 115751
Ion Ratio Lower Upper
196 100
198 95.4 77.2 115.8
97 57.6 27.7 41.5#
132 41.0 18.0 27.0#



#44
2-Fluorobiphenyl
Concen: 72.88 ng
RT: 10.26 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF077399.D
Acq: 23 Feb 2015 12:19

Tgt Ion:172 Resp: 795818
Ion Ratio Lower Upper
172 100
171 35.3 28.9 43.3
170 23.7 19.4 29.2





#45

1,1'-Biphenyl

Concen: 32.62 ng

RT: 10.37 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF077399.D

Acq: 23 Feb 2015 12:19

Instrument :

BNA_F

ClientSampleId :

HF-1MS

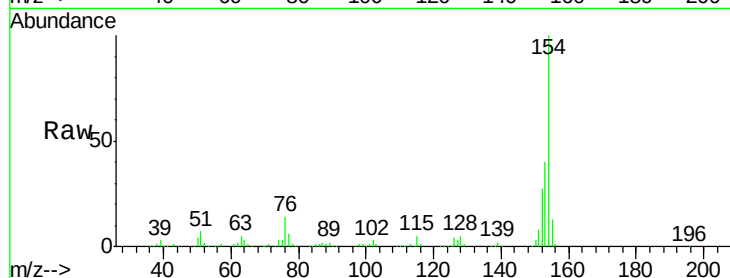
Tot Ion:154 Resp: 420728

Ion Ratio Lower Upper

154 100

153 40.3 20.2 60.2

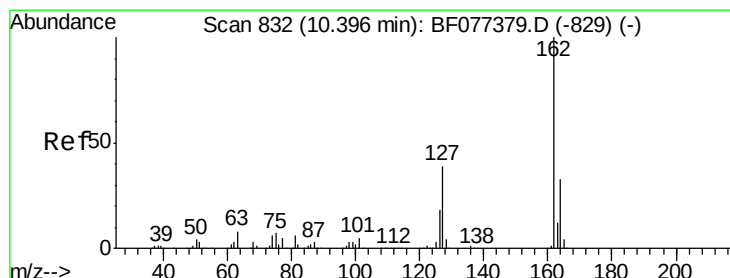
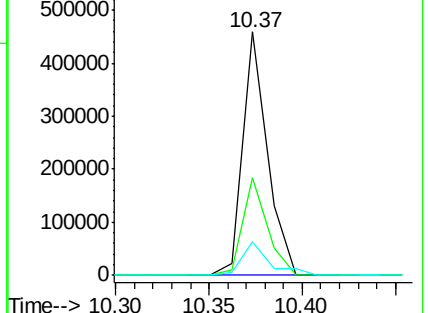
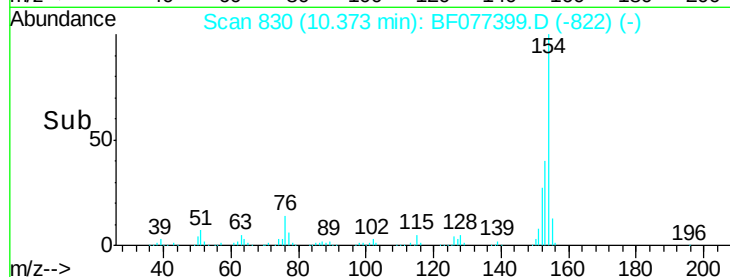
76 13.9 0.0 29.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 34.73 ng

RT: 10.40 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF077399.D

Acq: 23 Feb 2015 12:19

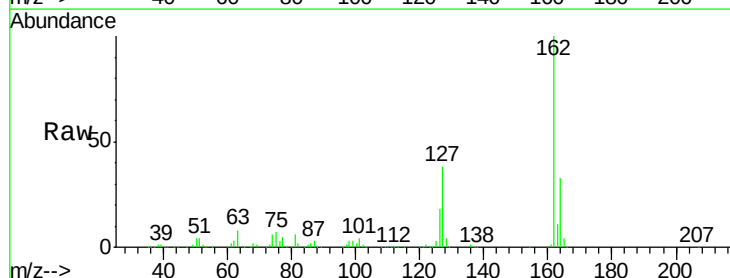
Tgt Ion:162 Resp: 351305

Ion Ratio Lower Upper

162 100

127 38.3 33.3 49.9

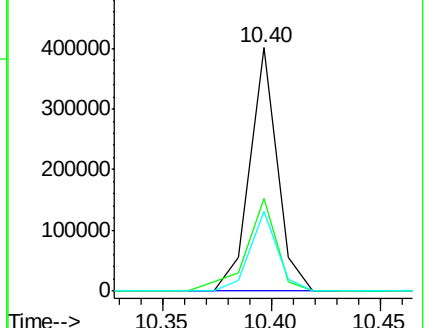
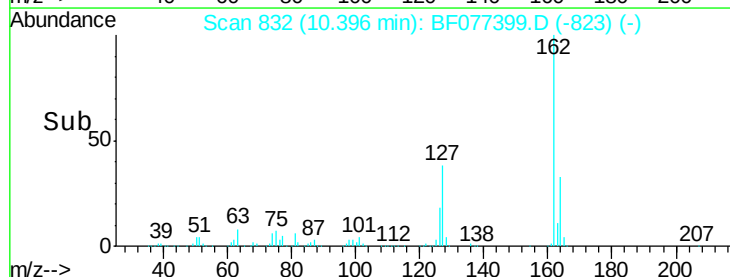
164 32.8 26.2 39.4

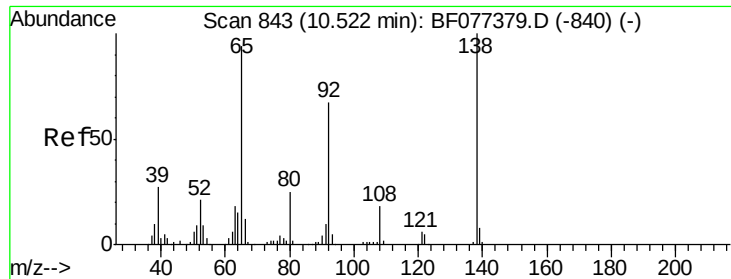


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 37.34 ng

RT: 10.52 min Scan# 843

Delta R.T. -0.00 min

Lab File: BF077399.D

Acq: 23 Feb 2015 12:19

Instrument :

BNA_F

ClientSampleId :

HF-1MS

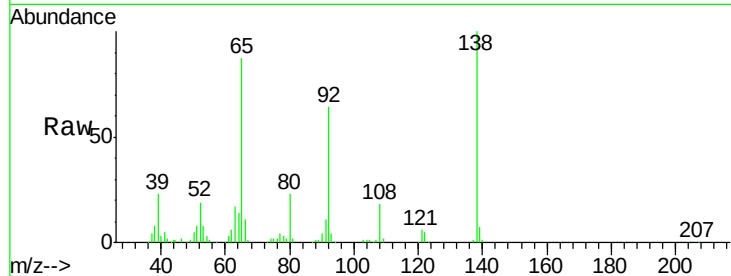
Tot Ion: 65 Resp: 92989

Ion Ratio Lower Upper

65 100

92 73.2 52.4 78.6

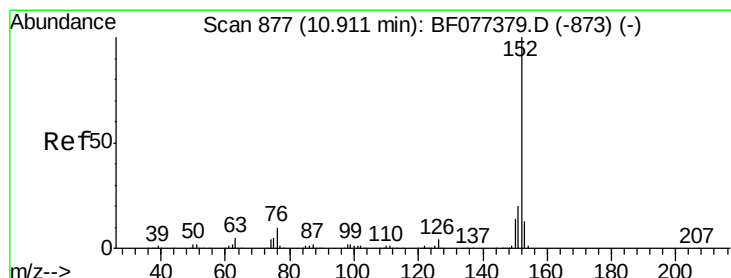
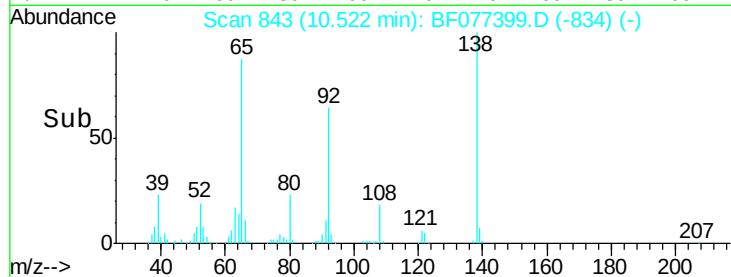
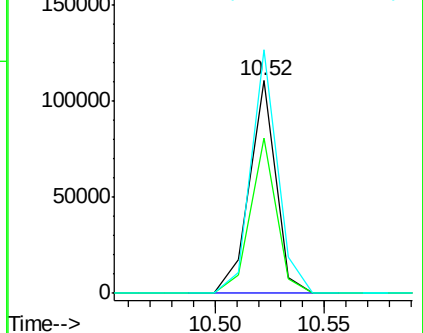
138 114.6 73.4 110.0#



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 35.55 ng

RT: 10.91 min Scan# 877

Delta R.T. -0.00 min

Lab File: BF077399.D

Acq: 23 Feb 2015 12:19

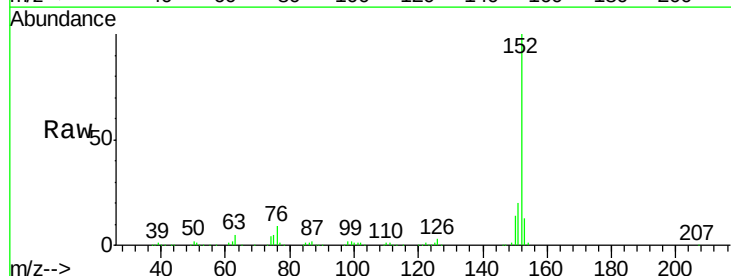
Tgt Ion: 152 Resp: 569349

Ion Ratio Lower Upper

152 100

151 20.4 16.1 24.1

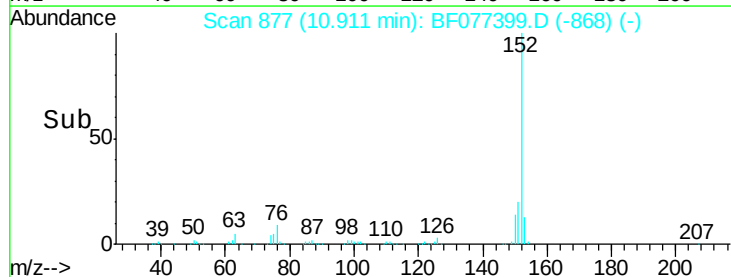
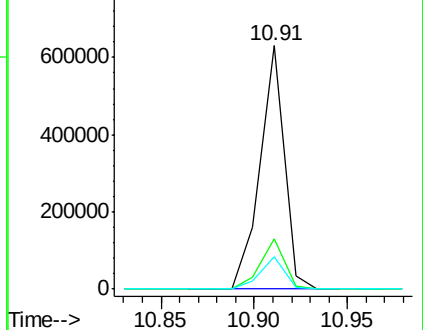
153 13.5 10.9 16.3

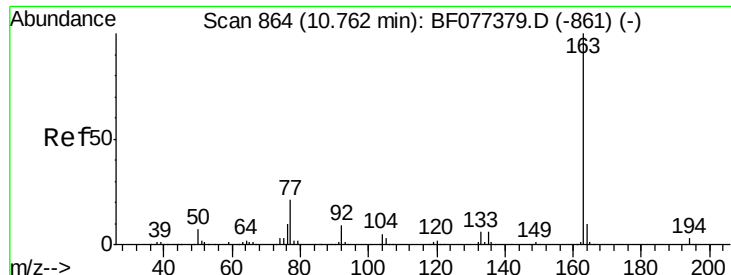


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

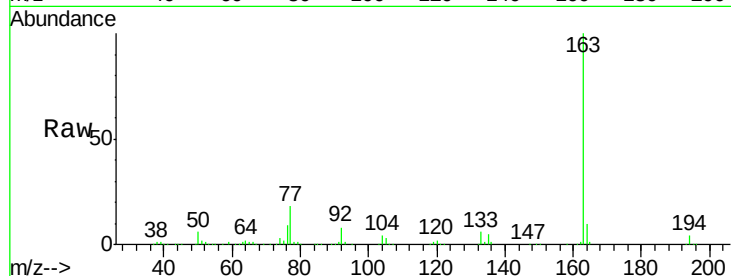




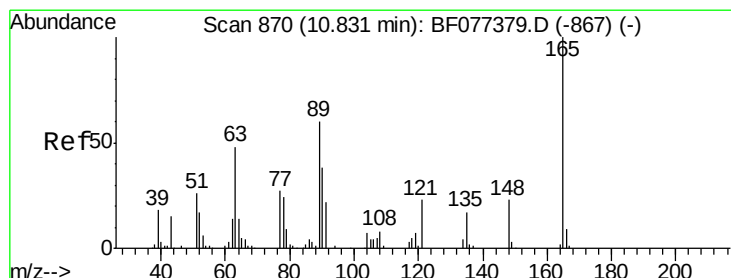
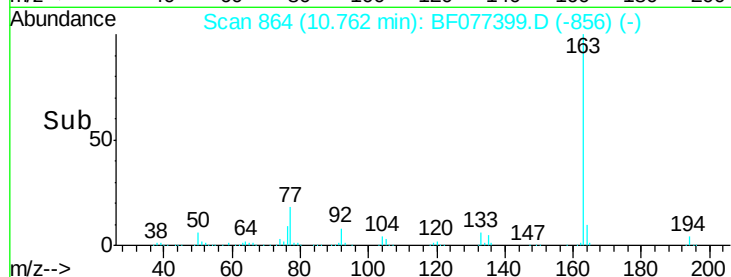
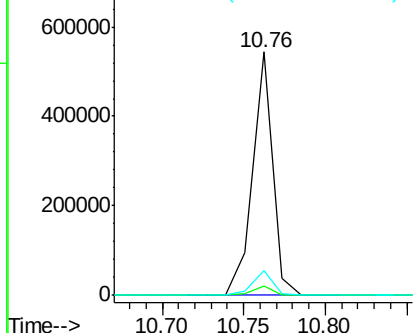
#49
Dimethylphthalate
Concen: 38.83 ng
RT: 10.76 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF077399.D
Acq: 23 Feb 2015 12:19

Instrument :
BNA_F
ClientSampleId :
HF-1MS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	10.2	8.6	13.0

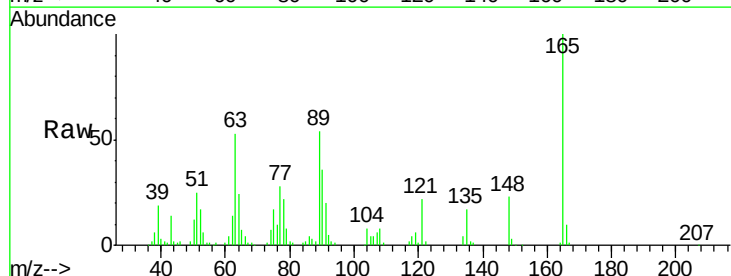


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

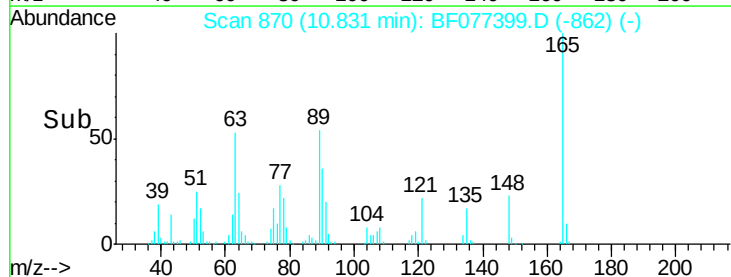
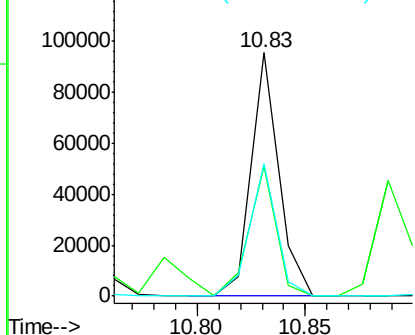


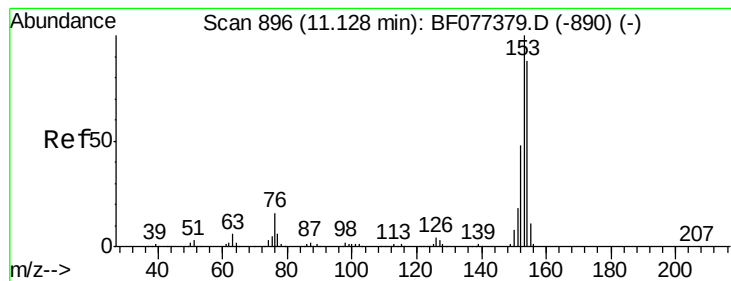
#50
2,6-Dinitrotoluene
Concen: 35.26 ng
RT: 10.83 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF077399.D
Acq: 23 Feb 2015 12:19

Tgt Ion	Ratio	Lower	Upper
165	100		
63	53.5	25.2	37.8#
89	54.2	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: 33.90 ng

RT: 11.13 min Scan# 896

Delta R.T. -0.00 min

Lab File: BF077399.D

Acq: 23 Feb 2015 12:19

Instrument :

BNA_F

ClientSampleId :

HF-1MS

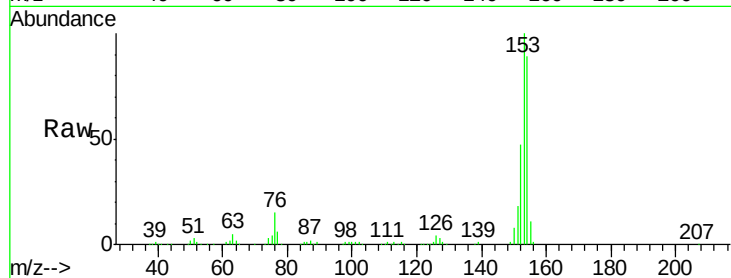
Tot Ion:154 Resp: 323935

Ion Ratio Lower Upper

154 100

153 112.9 90.5 135.7

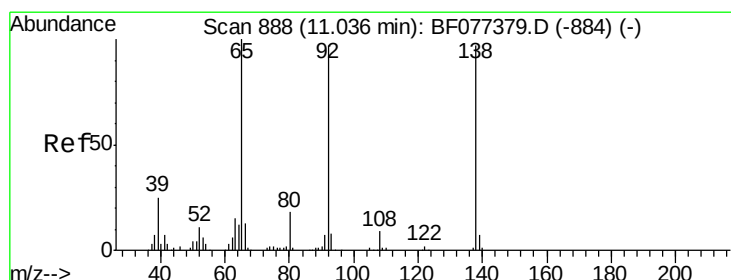
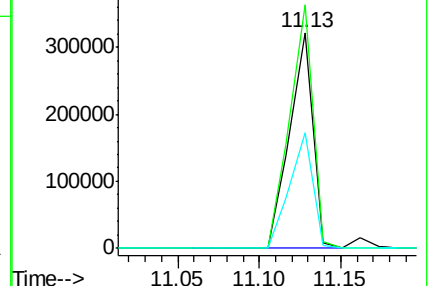
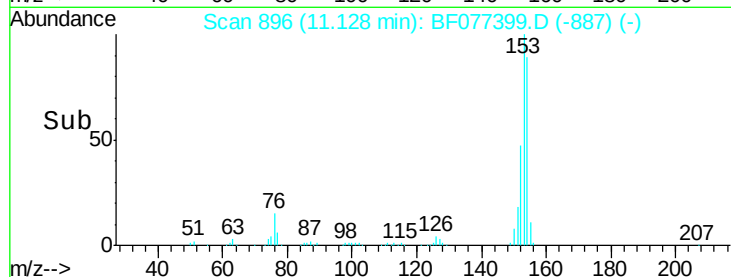
152 53.3 43.5 65.3



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: 19.87 ng

RT: 11.04 min Scan# 888

Delta R.T. -0.00 min

Lab File: BF077399.D

Acq: 23 Feb 2015 12:19

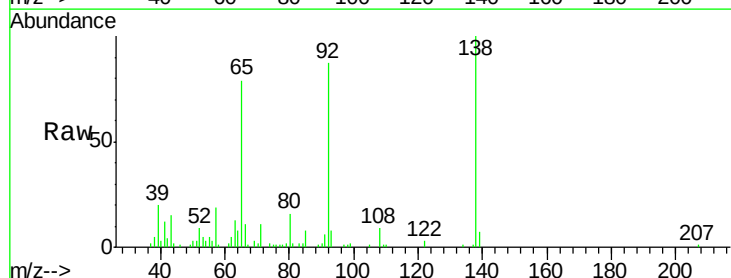
Tgt Ion:138 Resp: 54994

Ion Ratio Lower Upper

138 100

108 9.3 7.8 11.8

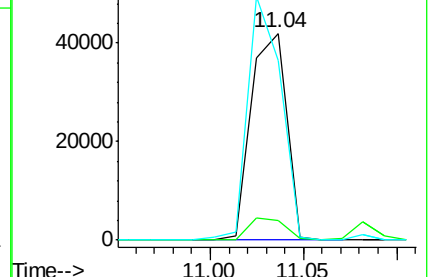
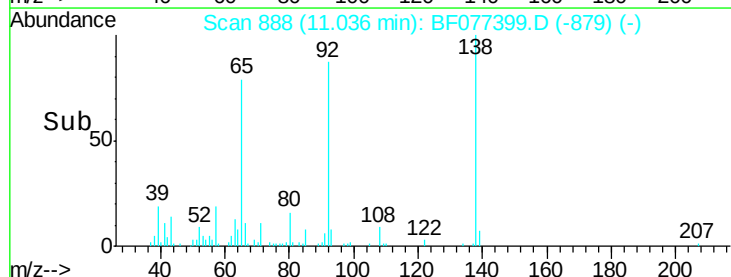
92 86.8 90.6 135.8#

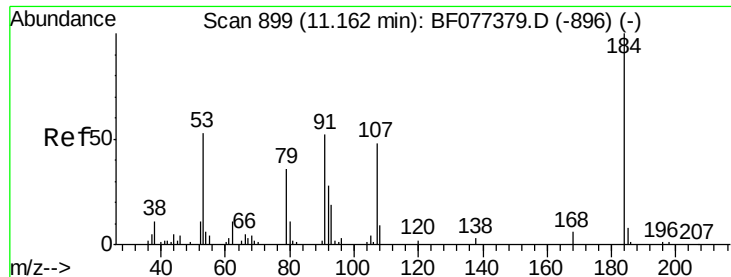


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

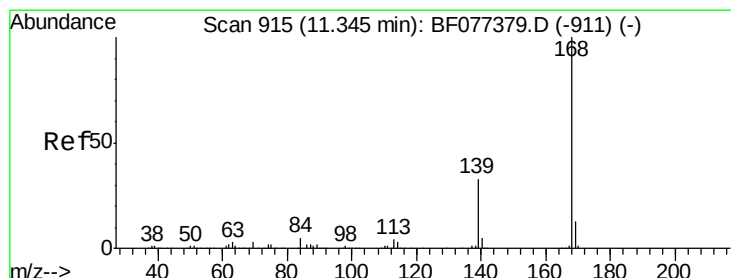
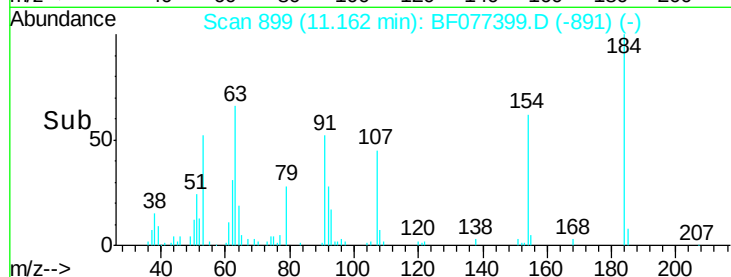
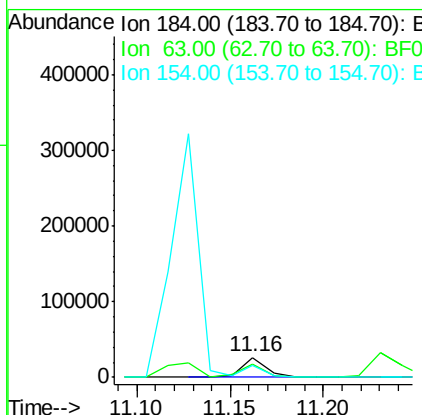
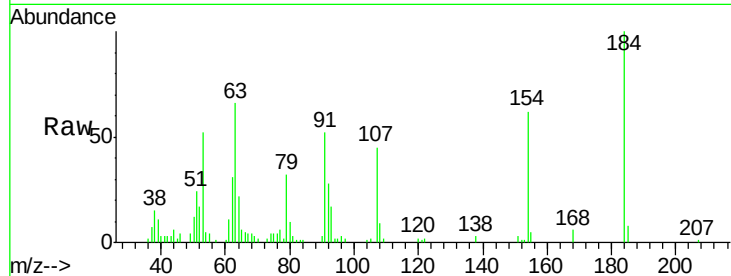




#53
 2,4-Dinitrophenol
 Concen: 31.94 ng
 RT: 11.16 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF077399.D
 Acq: 23 Feb 2015 12:19

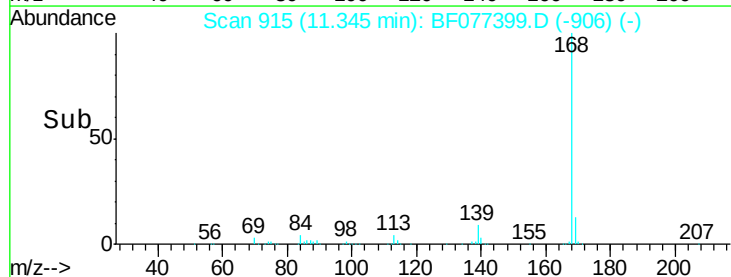
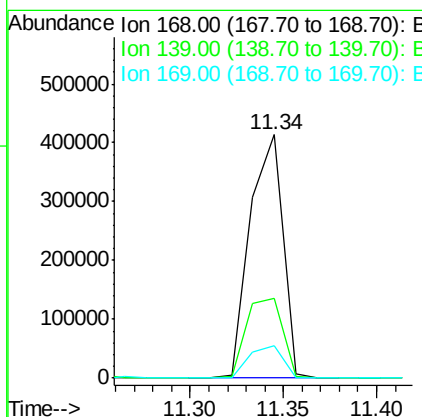
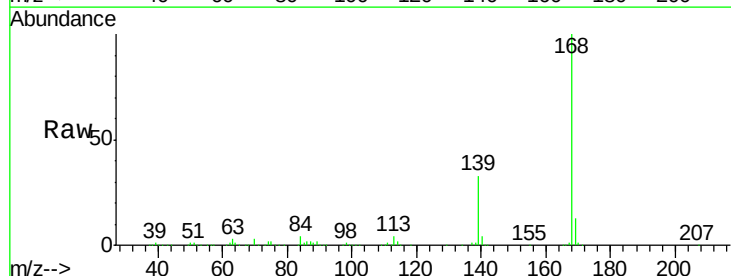
Instrument :
 BNA_F
 ClientSampleId :
 HF-1MS

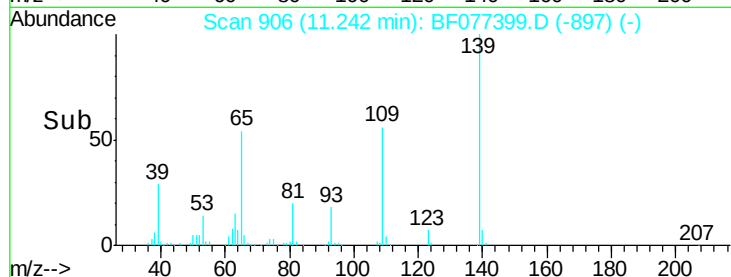
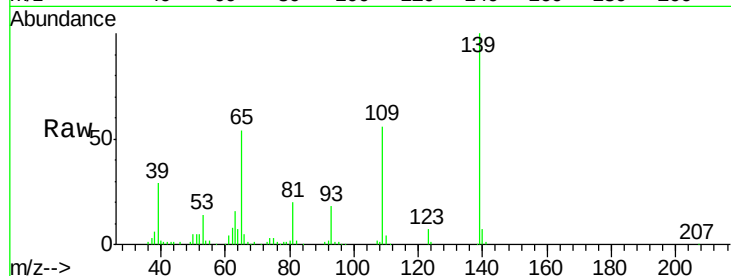
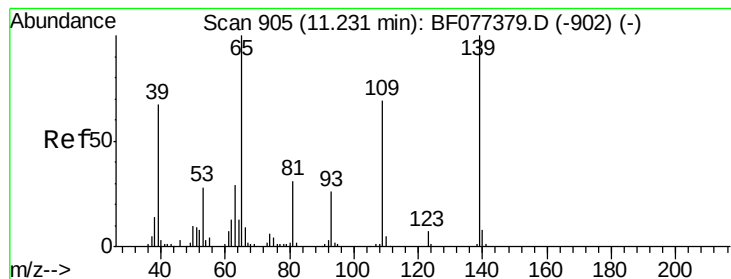
Tot Ion:184 Resp: 23326
 Ion Ratio Lower Upper
 184 100
 63 65.6 29.5 44.3#
 154 62.5 43.2 64.8



#54
 Dibenzofuran
 Concen: 34.04 ng
 RT: 11.34 min Scan# 915
 Delta R.T. -0.00 min
 Lab File: BF077399.D
 Acq: 23 Feb 2015 12:19

Tgt Ion:168 Resp: 502264
 Ion Ratio Lower Upper
 168 100
 139 32.9 29.3 43.9
 169 13.4 10.9 16.3





#55

4-Nitrophenol

Concen: 63.97 ng

RT: 11.24 min Scan# 906

Delta R.T. -0.00 min

Lab File: BF077399.D

Acq: 23 Feb 2015 12:19

Instrument :

BNA_F

ClientSampleId :

HF-1MS

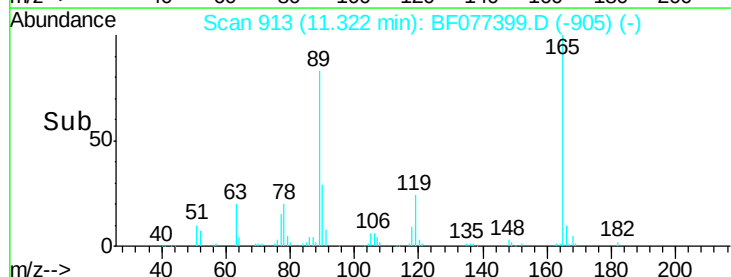
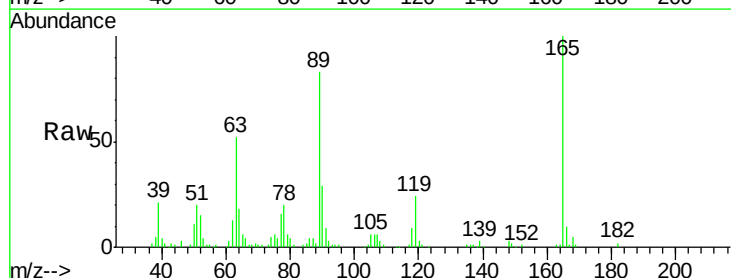
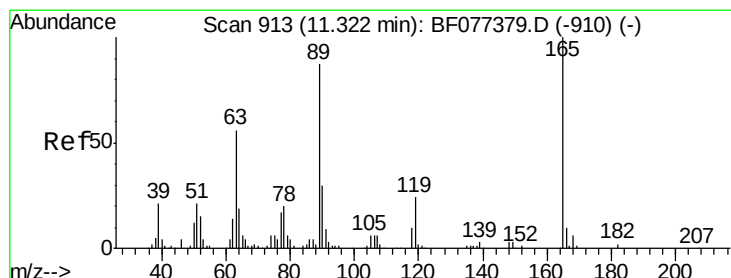
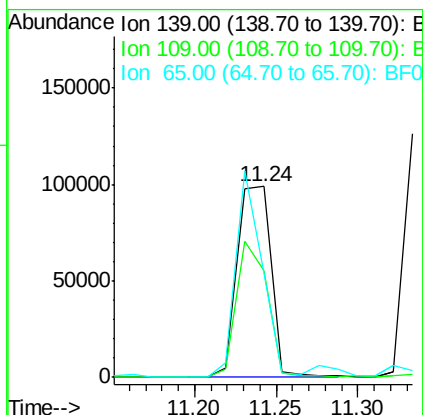
Tot Ion:139 Resp: 142373

Ion Ratio Lower Upper

139 100

109 55.9 36.2 76.2

65 54.4 40.3 80.3



#56

2,4-Dinitrotoluene

Concen: 35.03 ng

RT: 11.32 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF077399.D

Acq: 23 Feb 2015 12:19

Tgt Ion:165 Resp: 113609

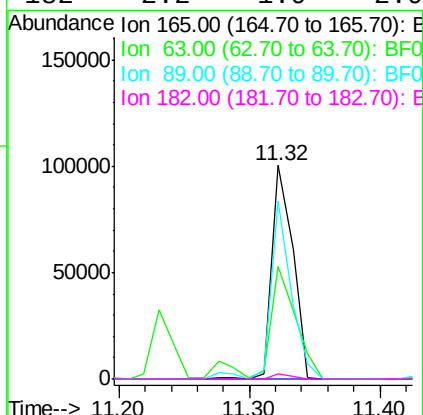
Ion Ratio Lower Upper

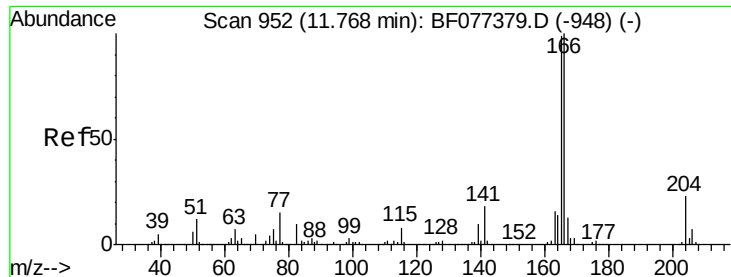
165 100

63 52.5 29.8 44.8#

89 83.1 48.5 72.7#

182 2.2 1.9 2.9

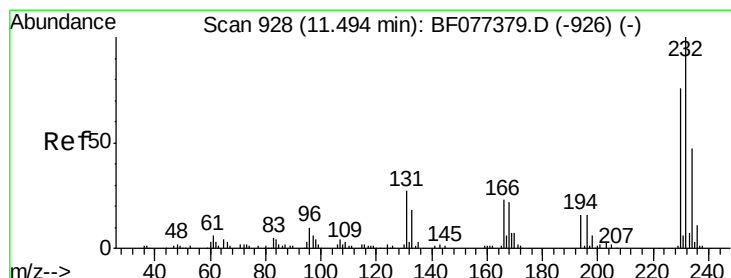
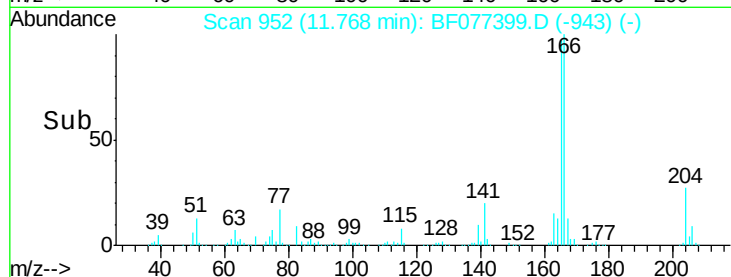
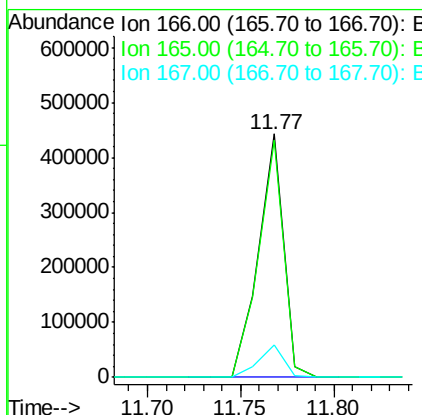
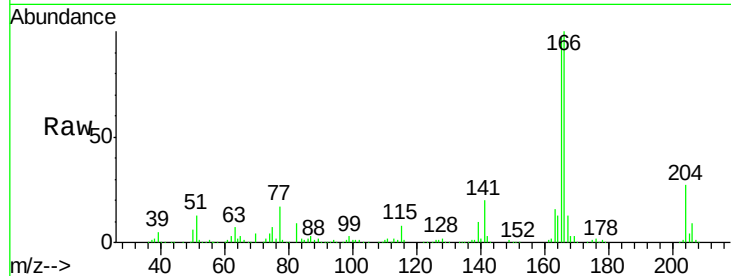




#57
 Fluorene
 Concen: 35.62 ng
 RT: 11.77 min Scan# 952
 Delta R.T. -0.00 min
 Lab File: BF077399.D
 Acq: 23 Feb 2015 12:19

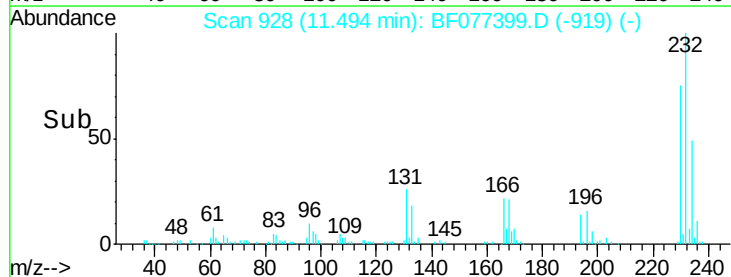
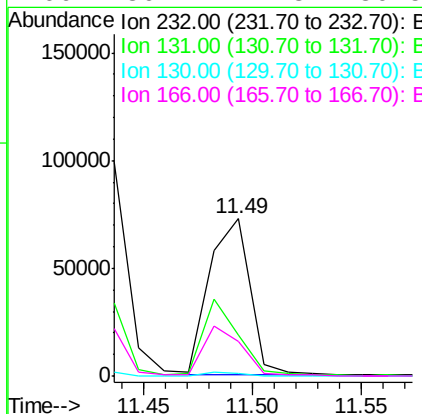
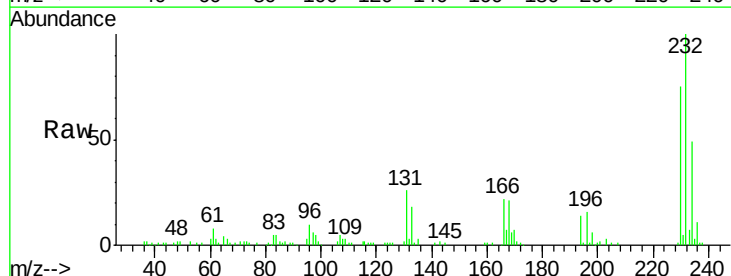
Instrument :
 BNA_F
 ClientSampleId :
 HF-1MS

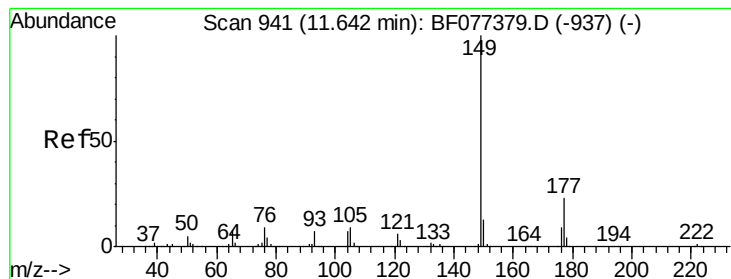
Tot Ion:166 Resp: 420226
 Ion Ratio Lower Upper
 166 100
 165 97.5 77.6 116.4
 167 13.2 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 33.74 ng
 RT: 11.49 min Scan# 928
 Delta R.T. -0.00 min
 Lab File: BF077399.D
 Acq: 23 Feb 2015 12:19

Tgt Ion:232 Resp: 93842
 Ion Ratio Lower Upper
 232 100
 131 42.1 34.2 51.2
 130 2.1 1.8 2.6
 166 30.7 24.3 36.5





#59

Diethylphthalate

Concen: 35.67 ng

RT: 11.64 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF077399.D

Acq: 23 Feb 2015 12:19

Instrument :

BNA_F

ClientSampleId :

HF-1MS

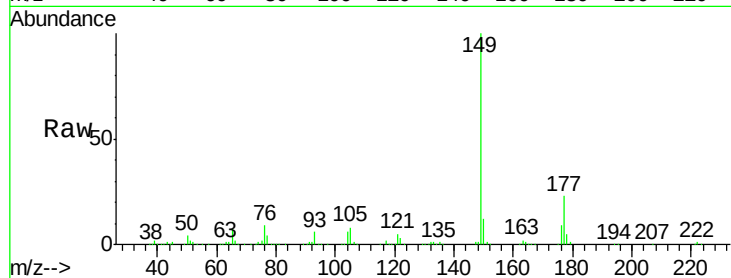
Tot Ion:149 Resp: 420902

Ion Ratio Lower Upper

149 100

177 22.7 17.2 25.8

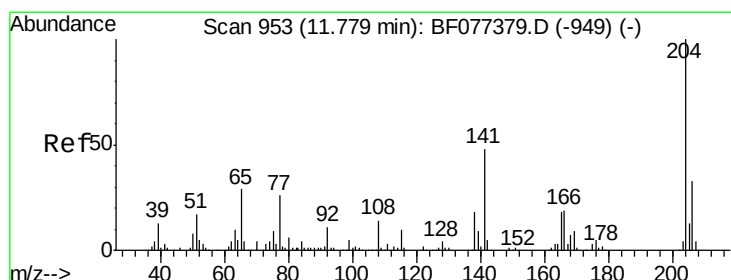
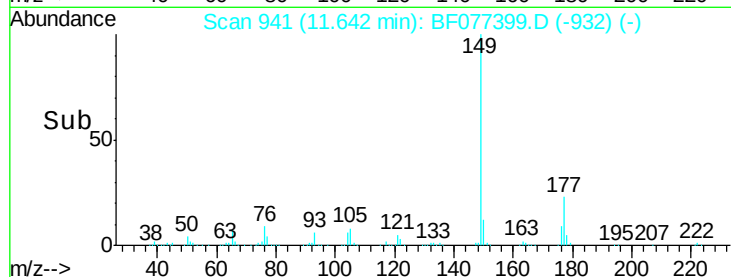
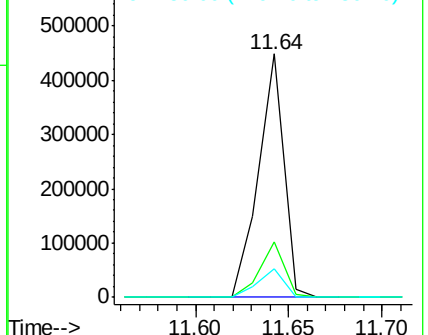
150 11.9 10.5 15.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 33.46 ng

RT: 11.78 min Scan# 953

Delta R.T. -0.00 min

Lab File: BF077399.D

Acq: 23 Feb 2015 12:19

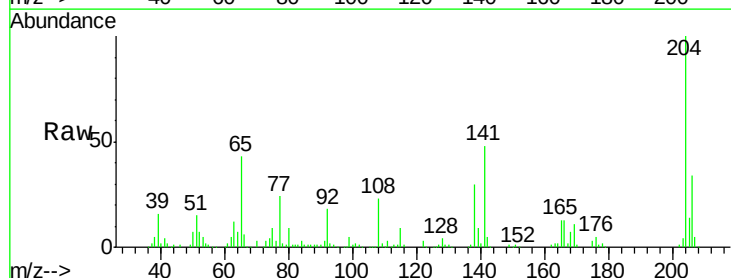
Tgt Ion:204 Resp: 190169

Ion Ratio Lower Upper

204 100

206 34.1 25.9 38.9

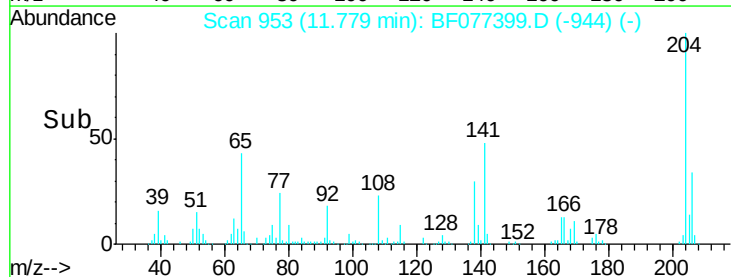
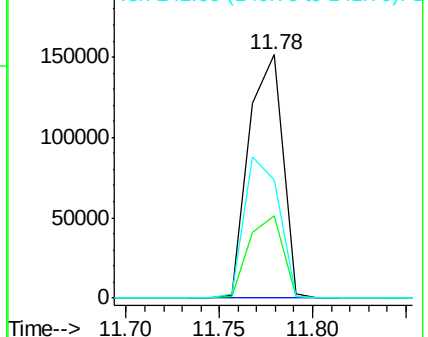
141 48.3 43.6 65.4

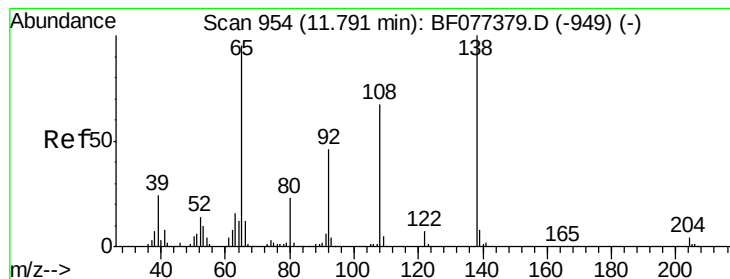


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 33.01 ng

RT: 11.79 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF077399.D

Acq: 23 Feb 2015 12:19

Instrument :

BNA_F

ClientSampleId :

HF-1MS

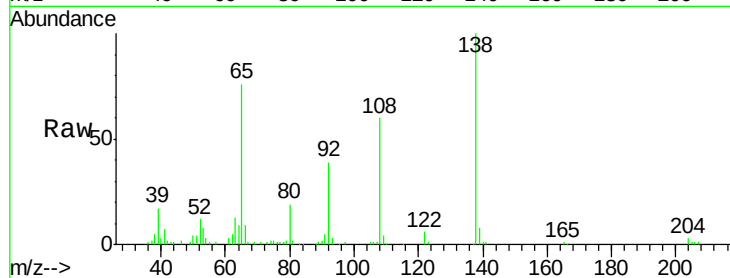
Tot Ion:138 Resp: 87549

Ion Ratio Lower Upper

138 100

92 39.5 32.8 72.8

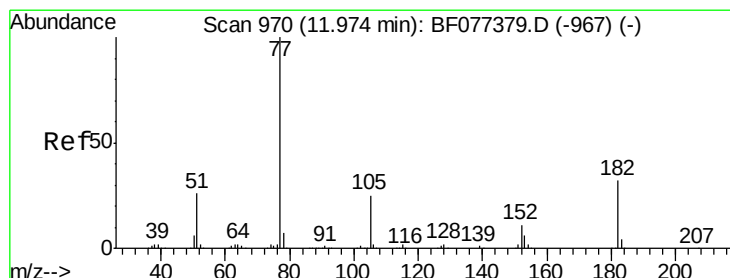
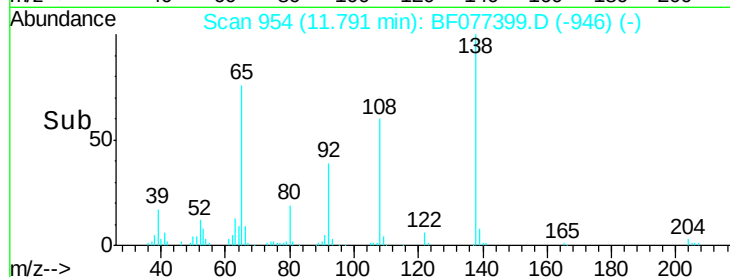
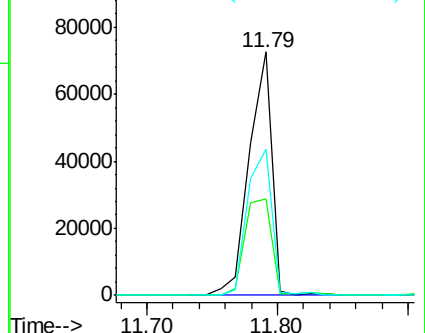
108 59.9 52.1 92.1



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: 36.17 ng

RT: 11.97 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF077399.D

Acq: 23 Feb 2015 12:19

Tgt Ion: 77 Resp: 404893

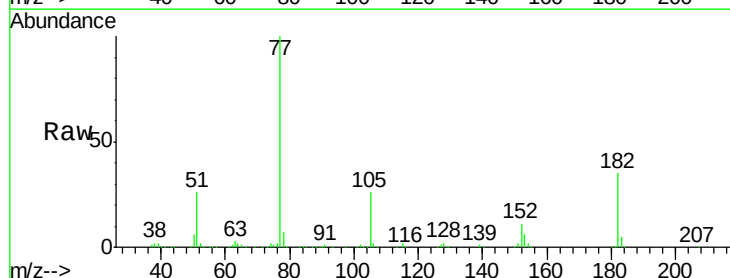
Ion Ratio Lower Upper

77 100

182 34.8 4.9 44.9

105 26.0 3.3 43.3

51 26.2 8.9 48.9

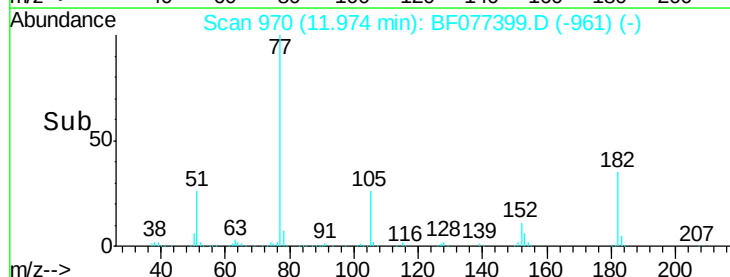
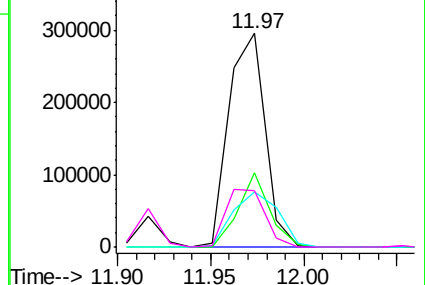


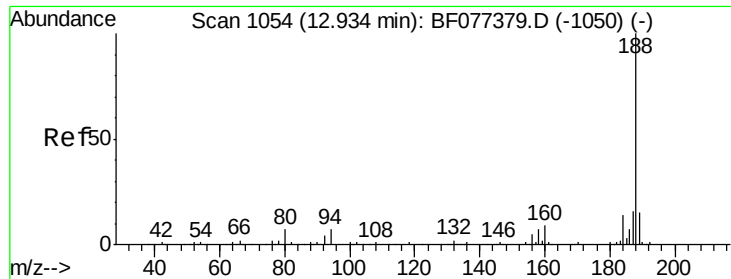
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

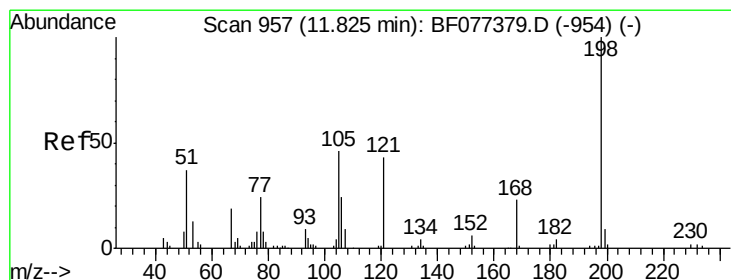
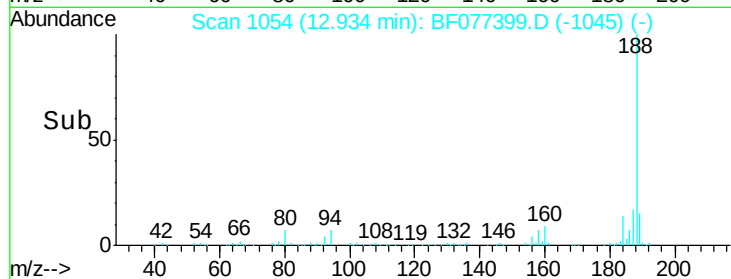
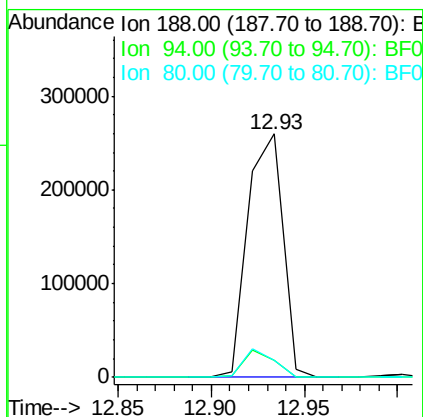
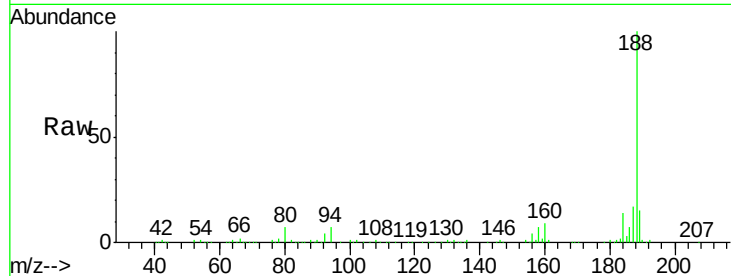




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.93 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BF077399.D
 Acq: 23 Feb 2015 12:19

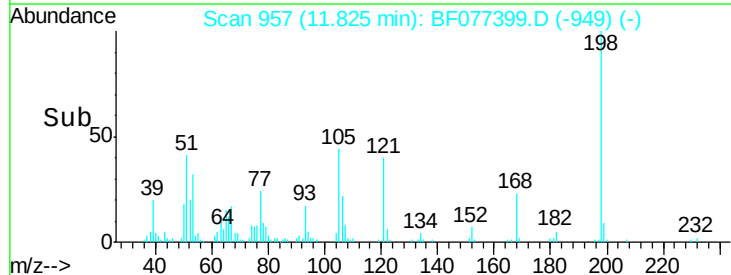
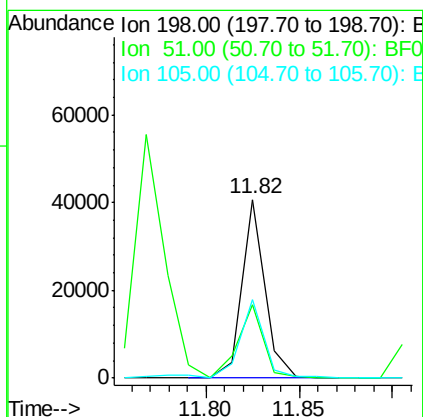
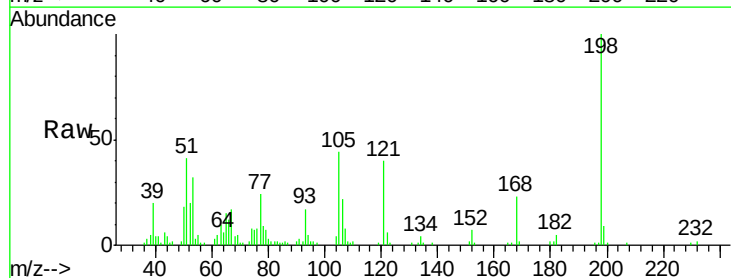
Instrument :
 BNA_F
 ClientSampleId :
 HF-1MS

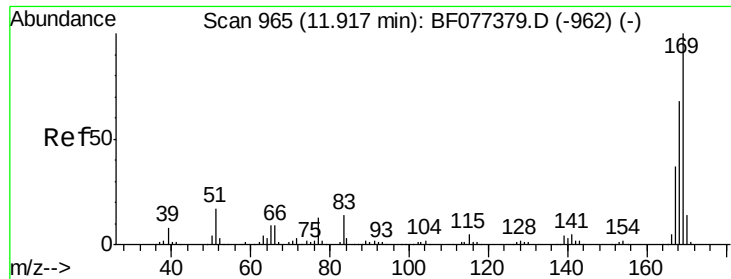
Tot Ion:188 Resp: 339567
 Ion Ratio Lower Upper
 188 100
 94 6.9 7.4 11.2#
 80 6.8 8.0 12.0#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 27.53 ng
 RT: 11.82 min Scan# 957
 Delta R.T. -0.01 min
 Lab File: BF077399.D
 Acq: 23 Feb 2015 12:19

Tgt Ion:198 Resp: 34978
 Ion Ratio Lower Upper
 198 100
 51 41.2 2.7 42.7
 105 44.0 10.0 50.0





#65

n-Nitrosodiphenylamine

Concen: 31.47 ng

RT: 11.92 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF077399.D

Acq: 23 Feb 2015 12:19

Instrument :

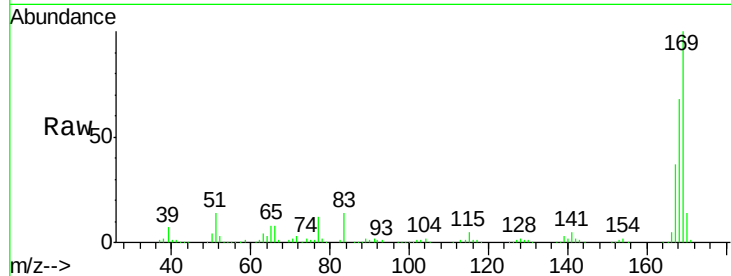
BNA_F

ClientSampleId :

HF-1MS

Tot Ion:169 Resp: 354615

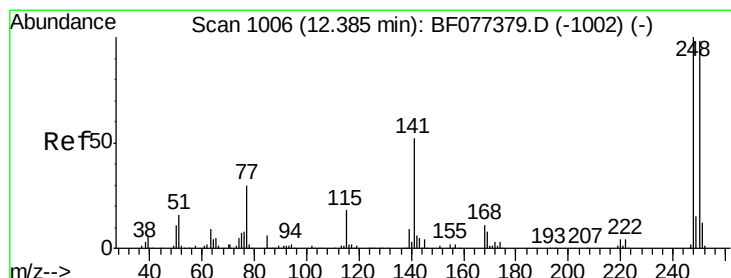
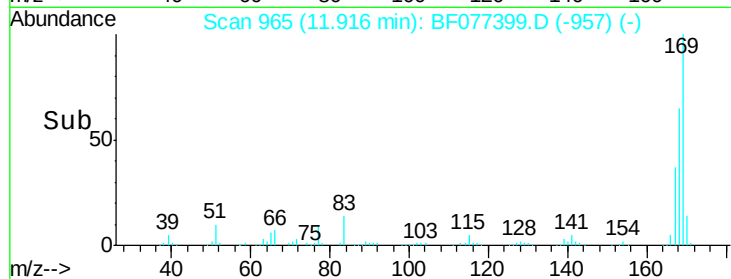
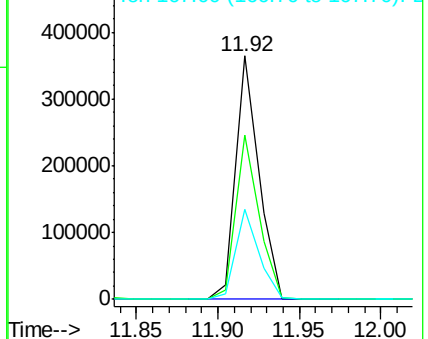
Ion	Ratio	Lower	Upper
169	100		
168	67.5	53.0	79.6
167	36.9	29.5	44.3



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: 31.61 ng

RT: 12.39 min Scan# 1006

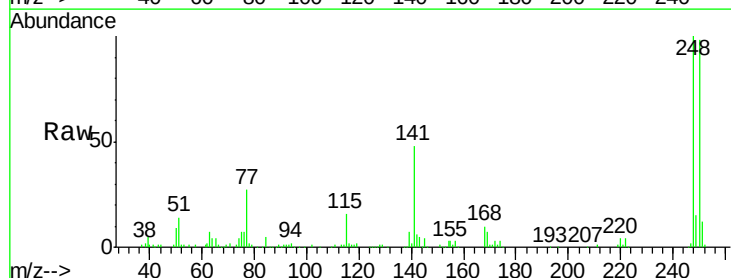
Delta R.T. -0.00 min

Lab File: BF077399.D

Acq: 23 Feb 2015 12:19

Tgt Ion:248 Resp: 125699

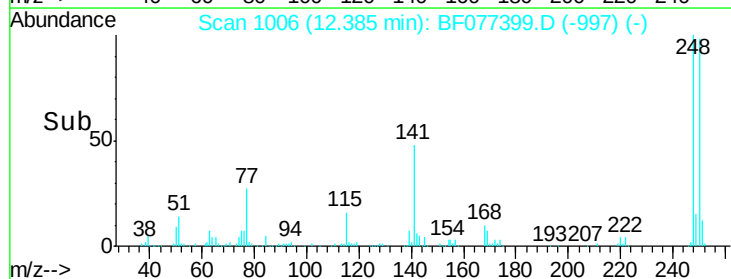
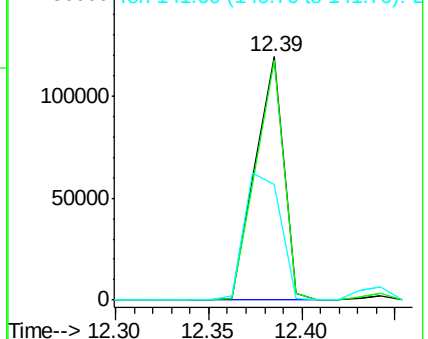
Ion	Ratio	Lower	Upper
248	100		
250	98.3	78.0	117.0
141	47.7	54.1	81.1#

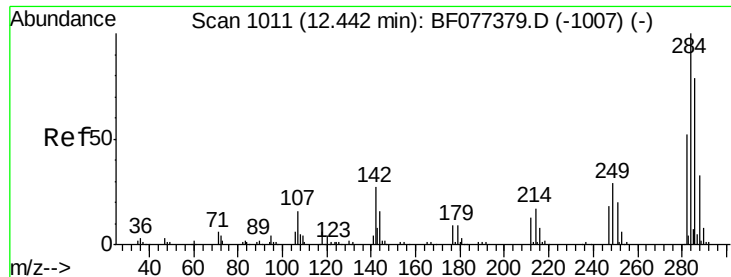


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 32.08 ng

RT: 12.44 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BF077399.D

Acq: 23 Feb 2015 12:19

Instrument :

BNA_F

ClientSampleId :

HF-1MS

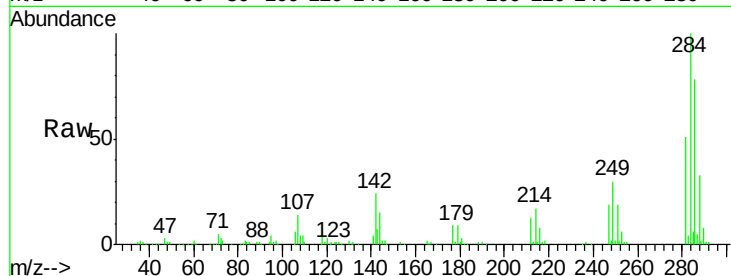
Tot Ion:284 Resp: 136925

Ion Ratio Lower Upper

284 100

142 24.5 31.6 47.4#

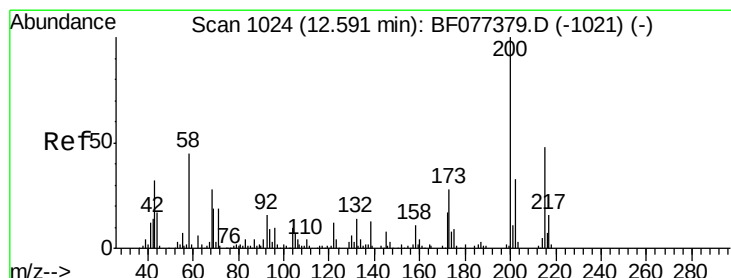
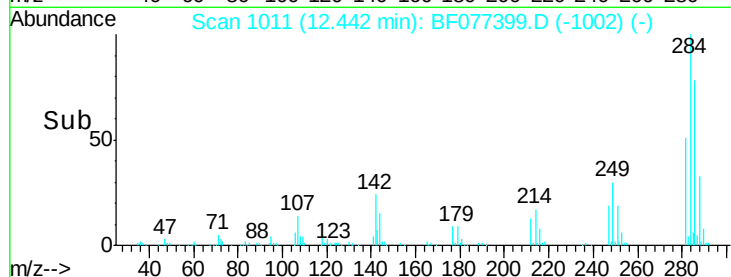
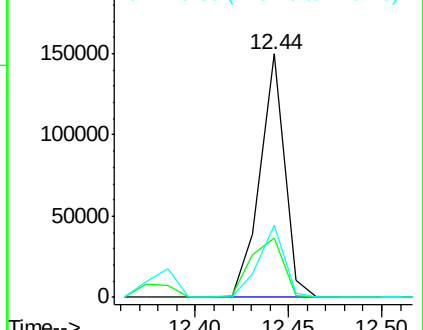
249 29.8 27.0 40.4



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 33.06 ng

RT: 12.59 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF077399.D

Acq: 23 Feb 2015 12:19

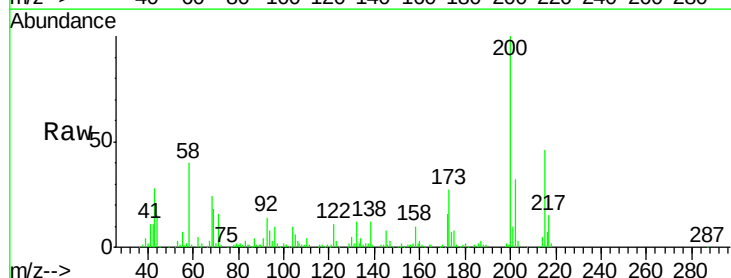
Tgt Ion:200 Resp: 121098

Ion Ratio Lower Upper

200 100

173 27.2 9.6 49.6

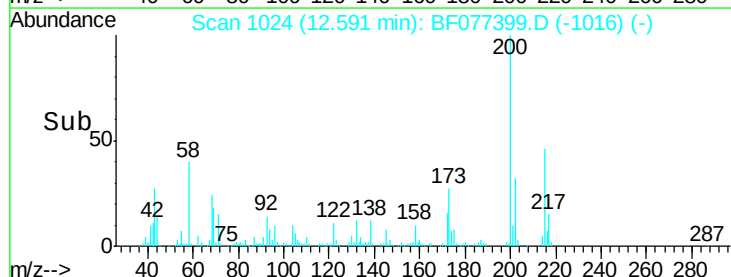
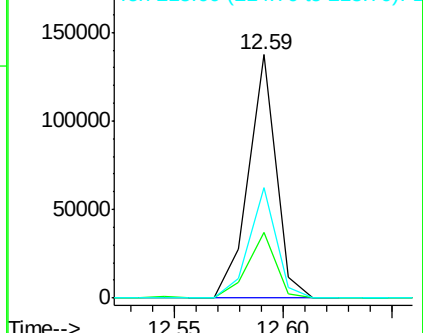
215 45.6 24.4 64.4

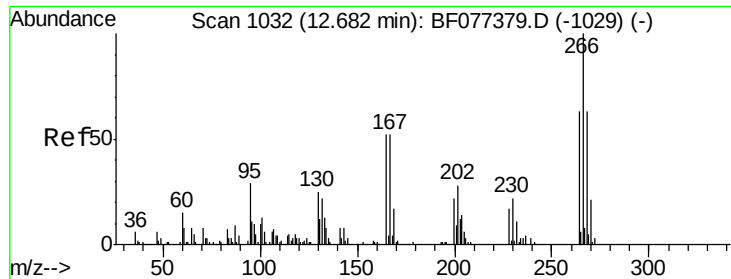


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

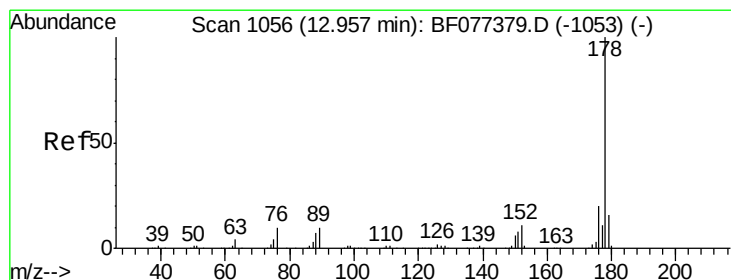
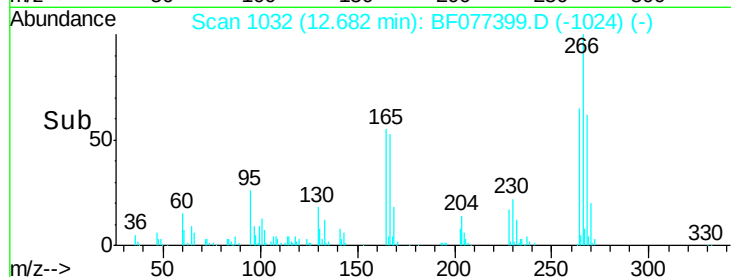
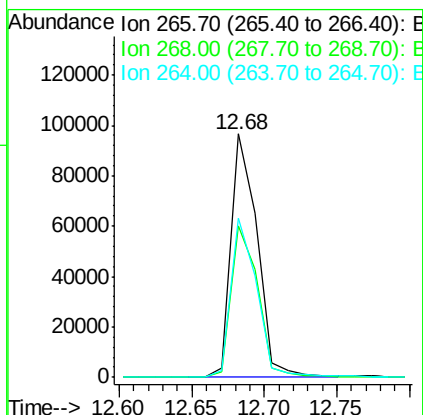
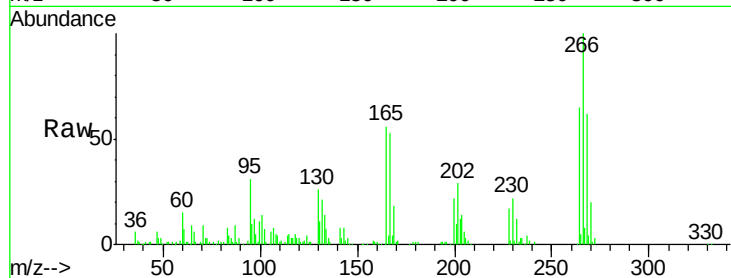




#69
 Pentachlorophenol
 Concen: 54.05 ng
 RT: 12.68 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF077399.D
 Acq: 23 Feb 2015 12:19

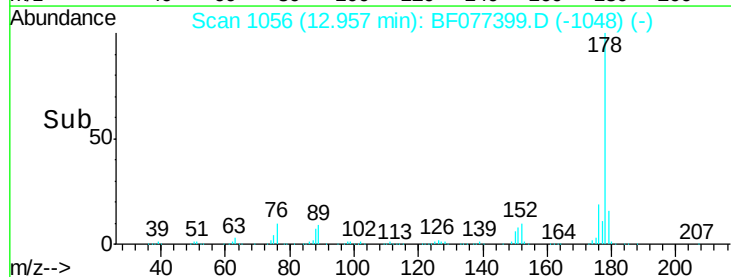
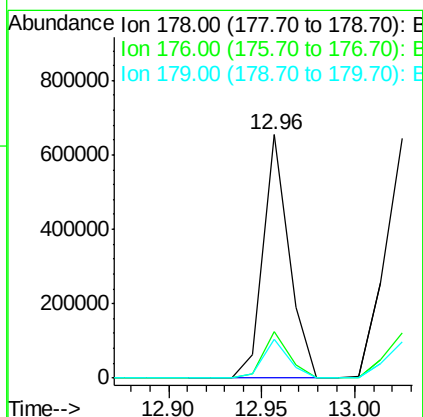
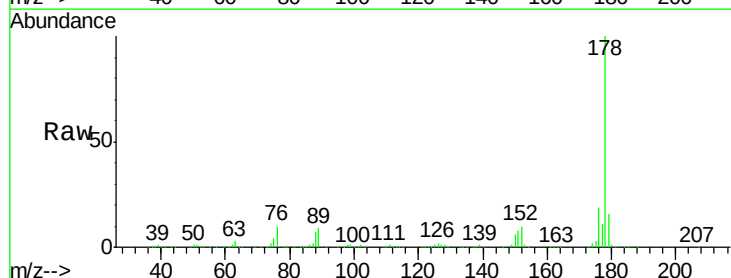
Instrument :
 BNA_F
 ClientSampleId :
 HF-1MS

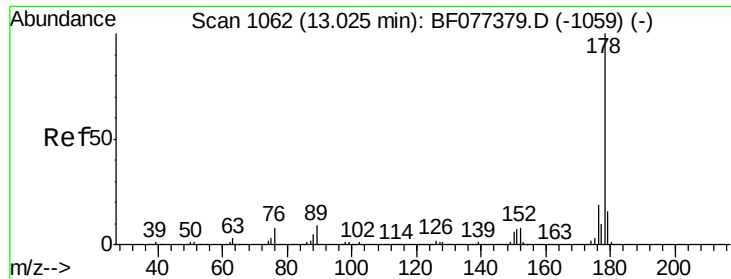
Tot Ion:266 Resp: 121232
 Ion Ratio Lower Upper
 266 100
 268 62.0 51.2 76.8
 264 65.1 50.7 76.1



#70
 Phenanthrene
 Concen: 31.77 ng
 RT: 12.96 min Scan# 1056
 Delta R.T. -0.01 min
 Lab File: BF077399.D
 Acq: 23 Feb 2015 12:19

Tgt Ion:178 Resp: 625249
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.5 23.3
 179 16.0 12.2 18.2





#71

Anthracene

Concen: 32.73 ng

RT: 13.03 min Scan# 1062

Delta R.T. -0.00 min

Lab File: BF077399.D

Acq: 23 Feb 2015 12:19

Instrument :

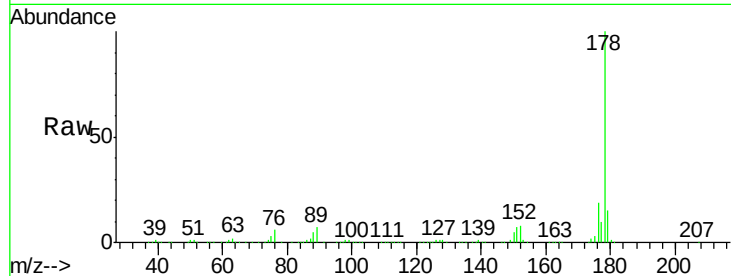
BNA_F

ClientSampleId :

HF-1MS

Tot Ion:178 Resp: 639290

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.0
179	15.4	12.9	19.3

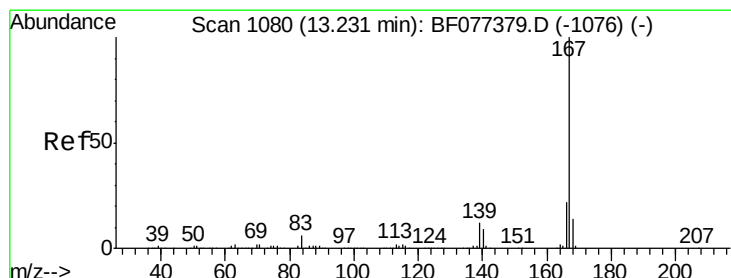
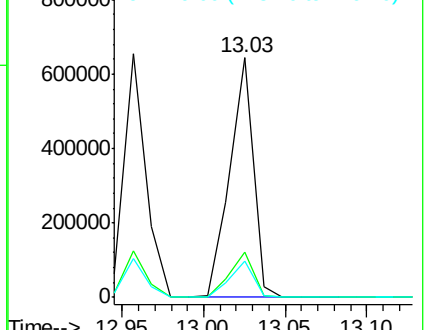
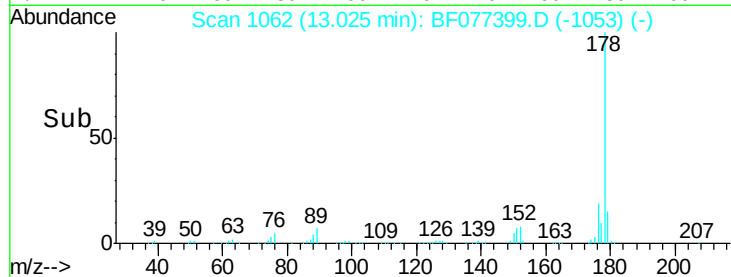


Abundance

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: 31.69 ng

RT: 13.22 min Scan# 1079

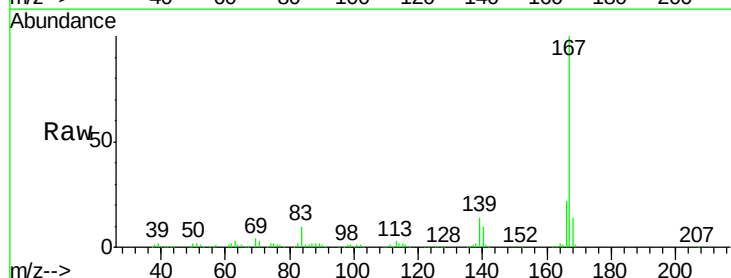
Delta R.T. -0.01 min

Lab File: BF077399.D

Acq: 23 Feb 2015 12:19

Tgt Ion:167 Resp: 588534

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.6	26.4
139	13.6	9.9	14.9

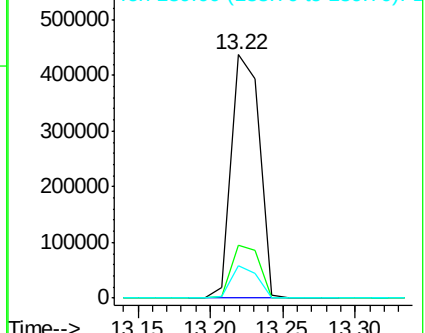
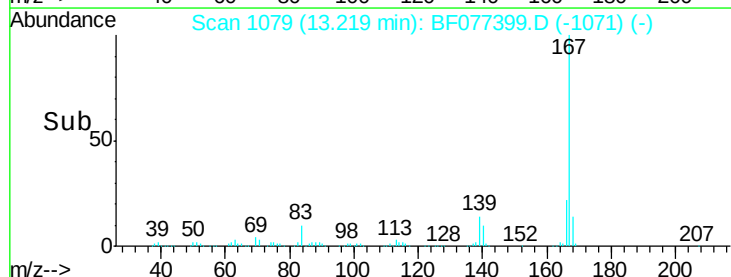


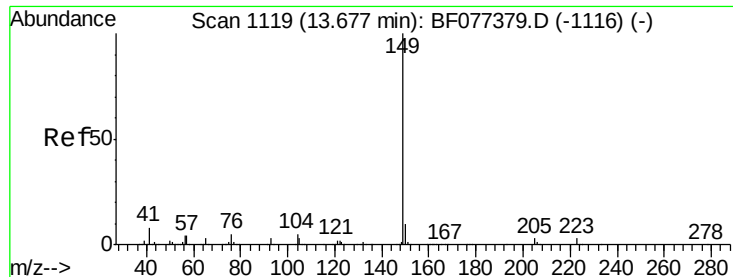
Abundance

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: 33.25 ng

RT: 13.68 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BF077399.D

Acq: 23 Feb 2015 12:19

Instrument :

BNA_F

ClientSampleId :

HF-1MS

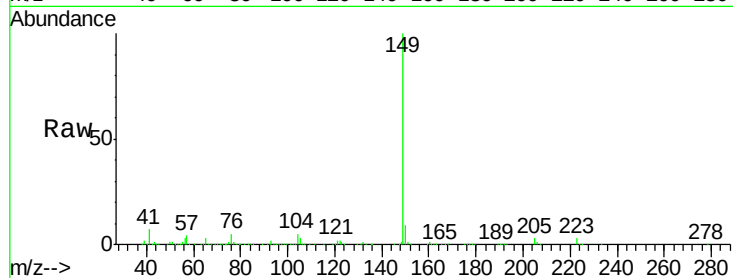
Tot Ion:149 Resp: 725124

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.8

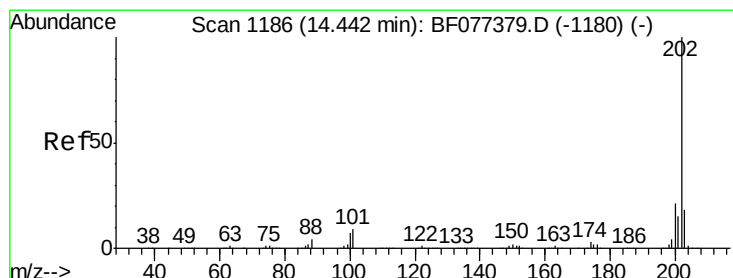
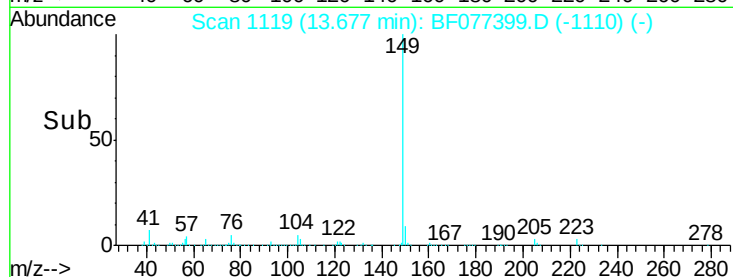
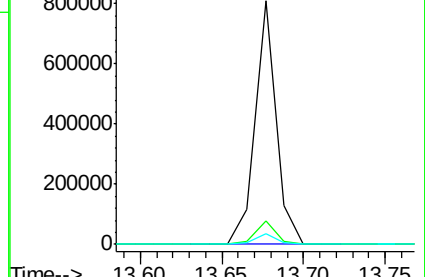
104 4.5 4.1 6.1



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: 34.78 ng

RT: 14.44 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BF077399.D

Acq: 23 Feb 2015 12:19

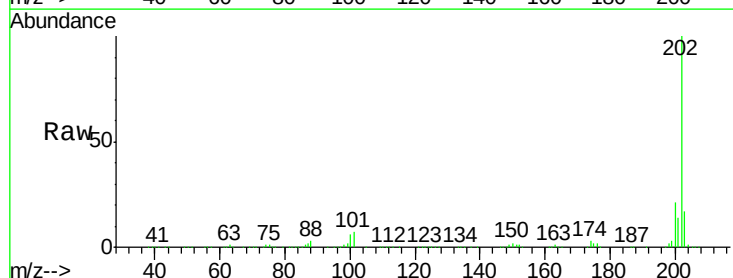
Tgt Ion:202 Resp: 747800

Ion Ratio Lower Upper

202 100

101 7.4 0.0 30.8

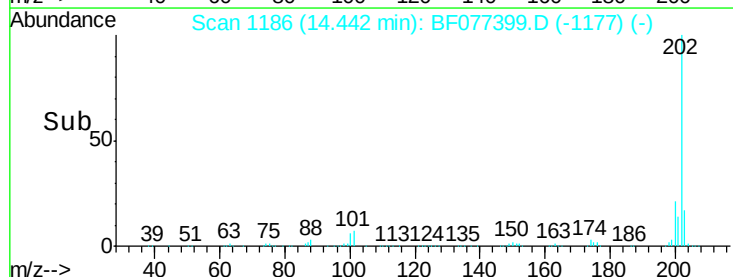
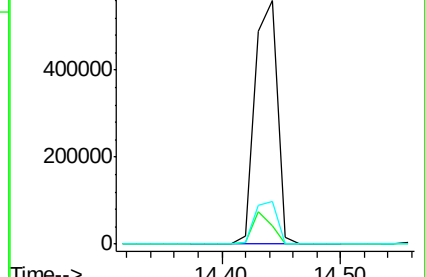
203 17.3 0.0 37.7

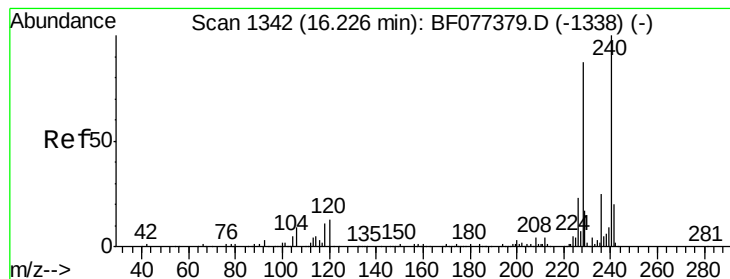


Abundance Ion 202.00 (201.70 to 202.70): E

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: 16.23 min Scan# 1342

Delta R.T. -0.03 min

Lab File: BF077399.D

Acq: 23 Feb 2015 12:19

Instrument :

BNA_F

ClientSampleId :

HF-1MS

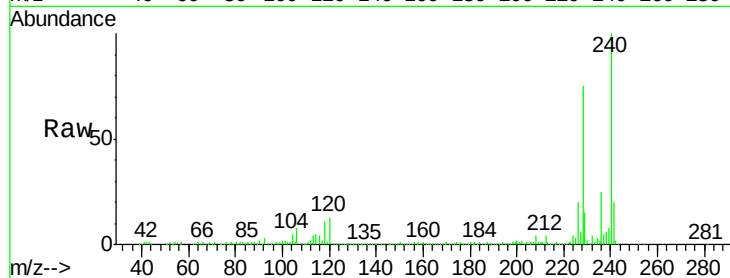
Tot Ion:240 Resp: 360022

Ion Ratio Lower Upper

240 100

120 13.3 8.8 13.2#

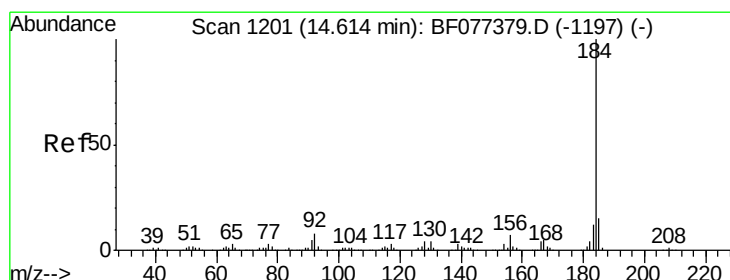
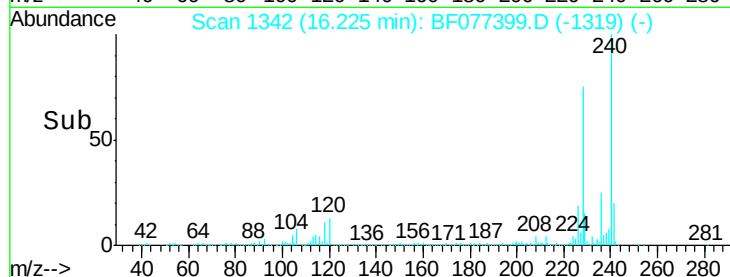
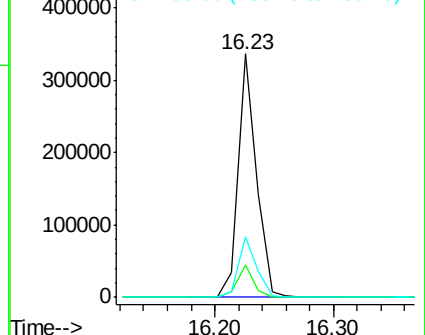
236 25.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 17.44 ng

RT: 14.61 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF077399.D

Acq: 23 Feb 2015 12:19

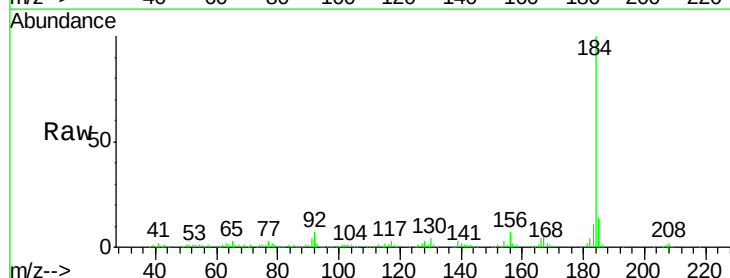
Tgt Ion:184 Resp: 212111

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

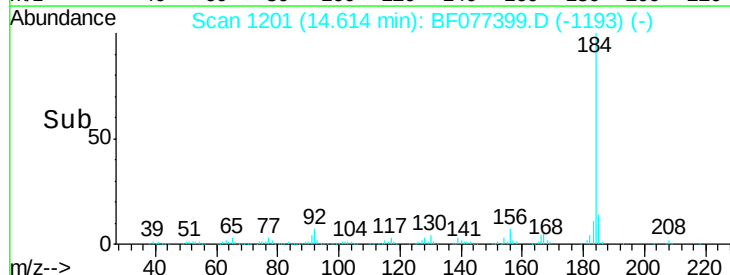
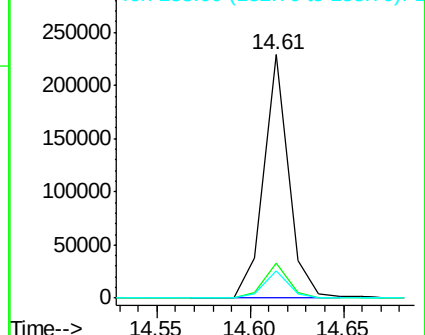
183 11.1 9.3 13.9

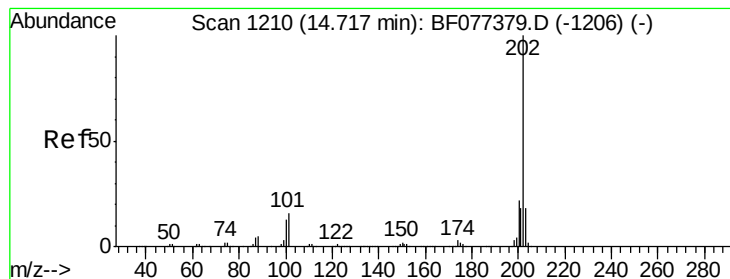


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 33.75 ng

RT: 14.72 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF077399.D

Acq: 23 Feb 2015 12:19

Instrument :

BNA_F

ClientSampleId :

HF-1MS

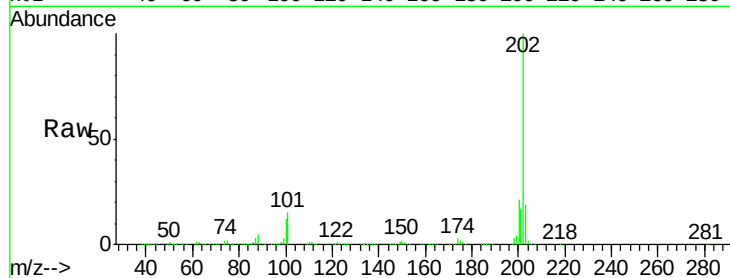
Tot Ion:202 Resp: 743336

Ion Ratio Lower Upper

202 100

200 21.2 17.1 25.7

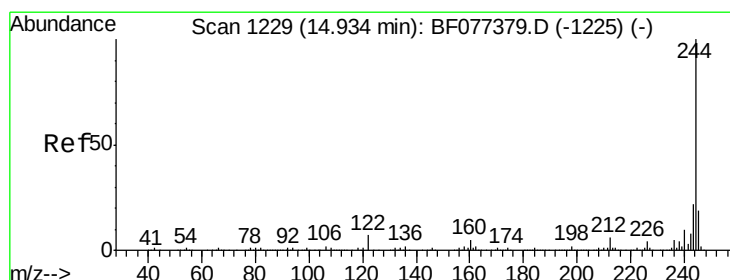
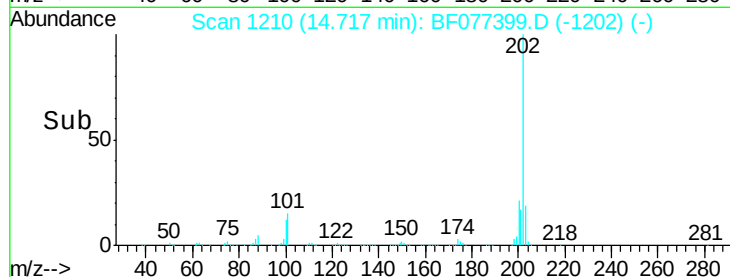
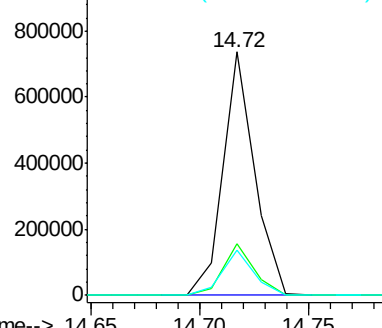
203 18.5 14.2 21.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 66.76 ng

RT: 14.92 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF077399.D

Acq: 23 Feb 2015 12:19

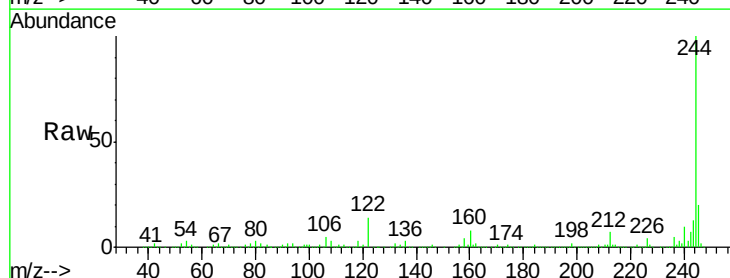
Tgt Ion:244 Resp: 1028158

Ion Ratio Lower Upper

244 100

212 6.9 5.2 7.8

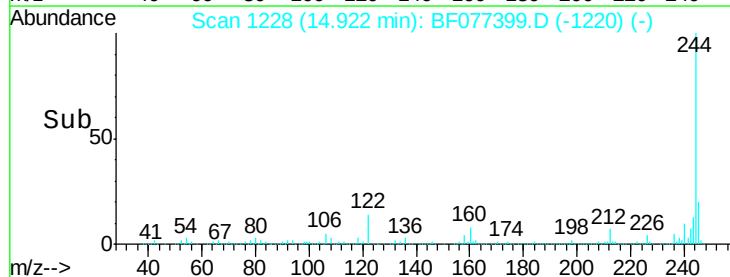
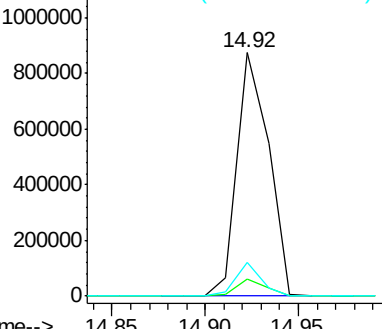
122 14.0 7.8 11.8#

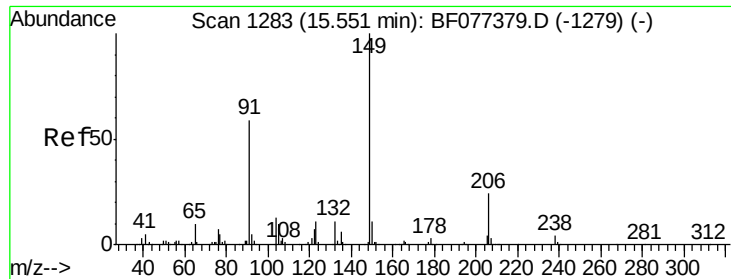


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 34.56 ng

RT: 15.55 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BF077399.D

Acq: 23 Feb 2015 12:19

Instrument :

BNA_F

ClientSampleId :

HF-1MS

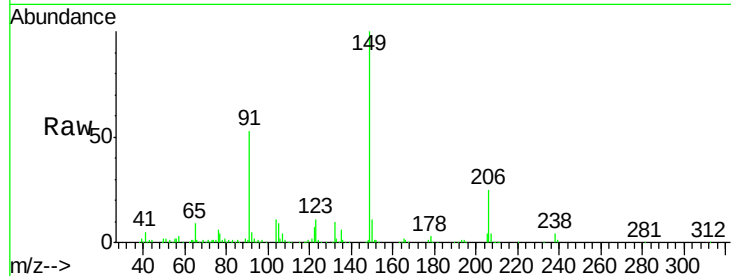
Tot Ion:149 Resp: 313091

Ion Ratio Lower Upper

149 100

91 53.1 51.2 76.8

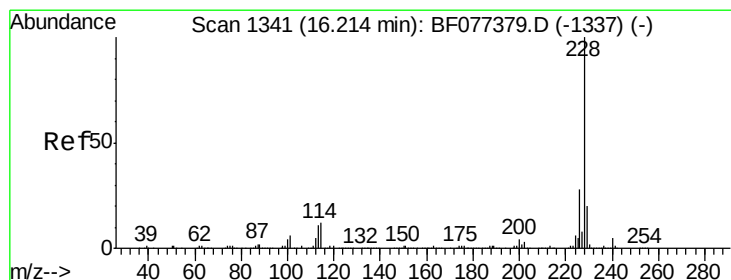
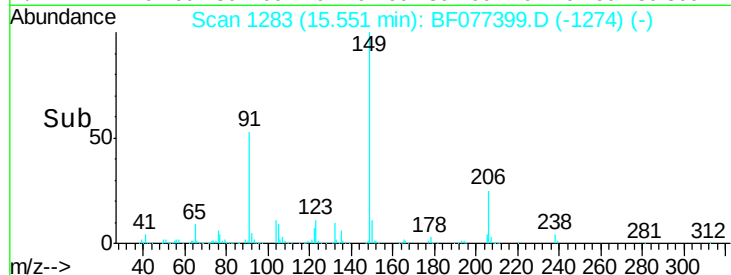
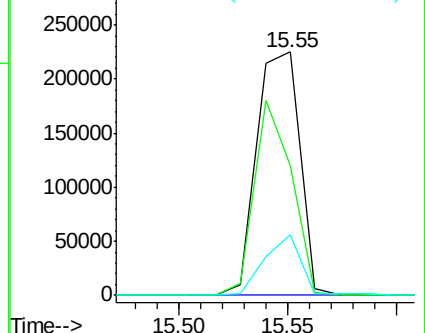
206 24.7 17.8 26.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 33.43 ng

RT: 16.21 min Scan# 1341

Delta R.T. -0.03 min

Lab File: BF077399.D

Acq: 23 Feb 2015 12:19

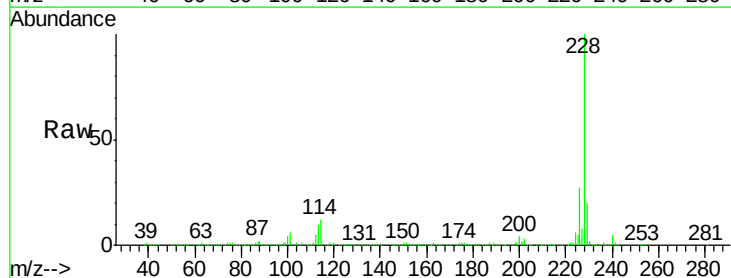
Tgt Ion:228 Resp: 705427

Ion Ratio Lower Upper

228 100

226 27.3 22.0 33.0

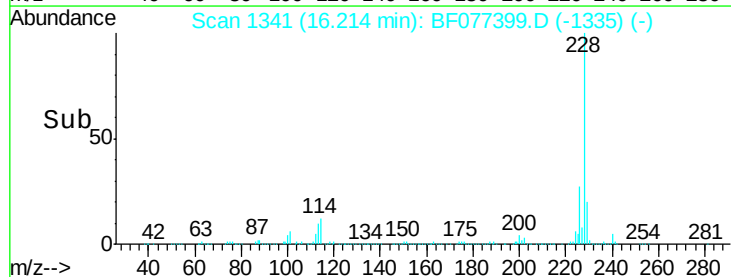
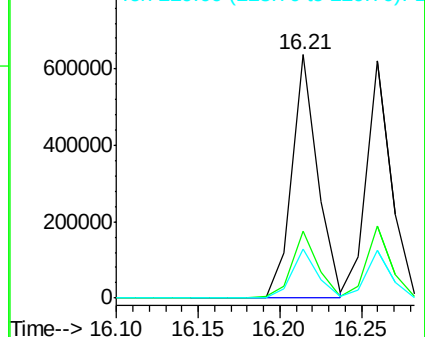
229 20.0 15.8 23.8

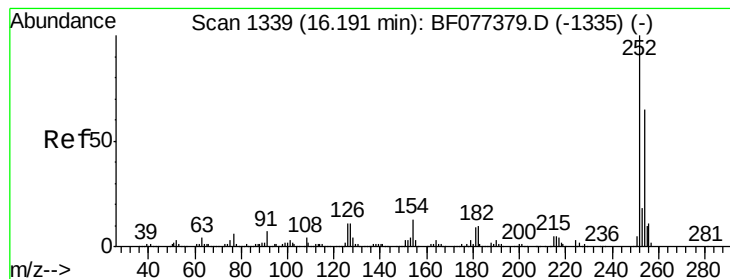


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 20.46 ng

RT: 16.19 min Scan# 1339

Delta R.T. -0.03 min

Lab File: BF077399.D

Acq: 23 Feb 2015 12:19

Instrument :

BNA_F

ClientSampleId :

HF-1MS

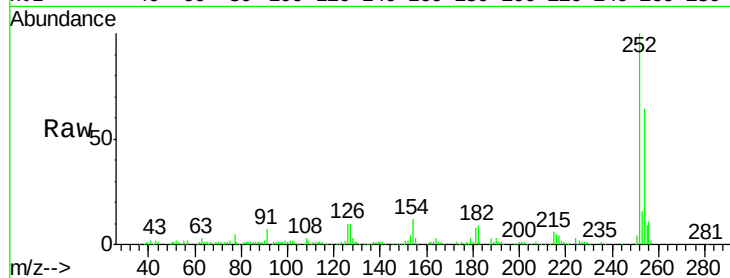
Tot Ion:252 Resp: 158201

Ion Ratio Lower Upper

252 100

254 63.8 52.9 79.3

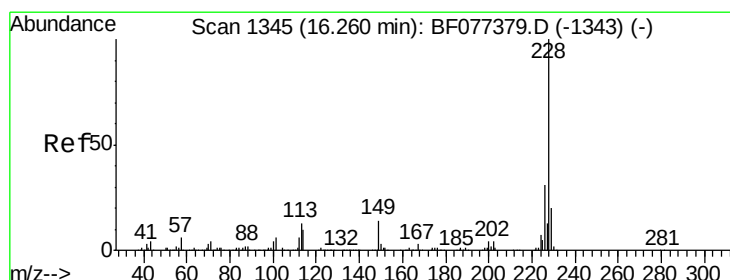
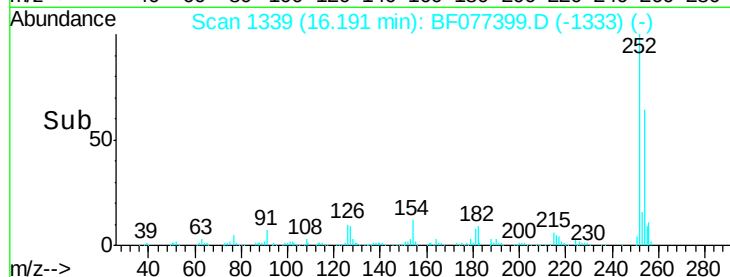
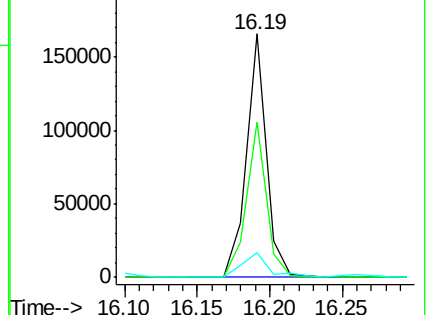
126 10.1 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 33.14 ng

RT: 16.26 min Scan# 1345

Delta R.T. -0.03 min

Lab File: BF077399.D

Acq: 23 Feb 2015 12:19

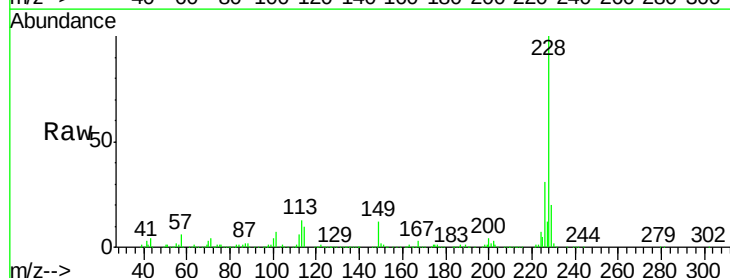
Tgt Ion:228 Resp: 656571

Ion Ratio Lower Upper

228 100

226 30.6 24.9 37.3

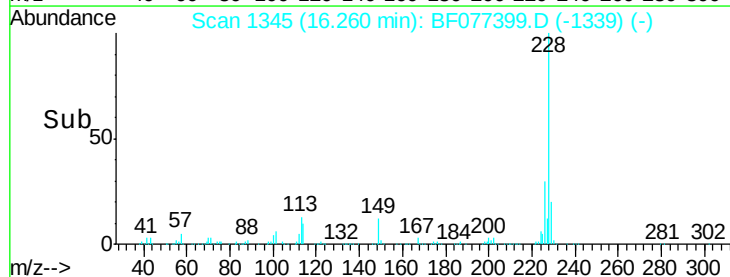
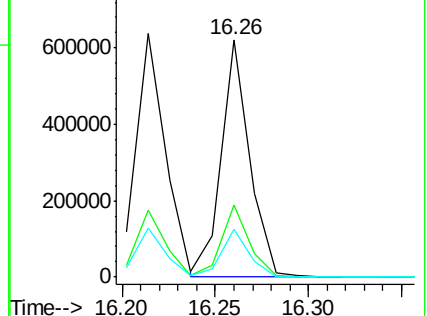
229 20.3 16.4 24.6

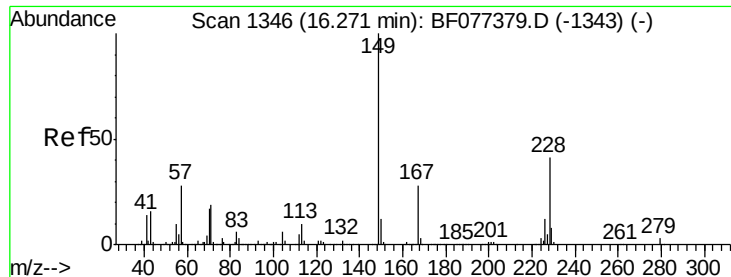


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

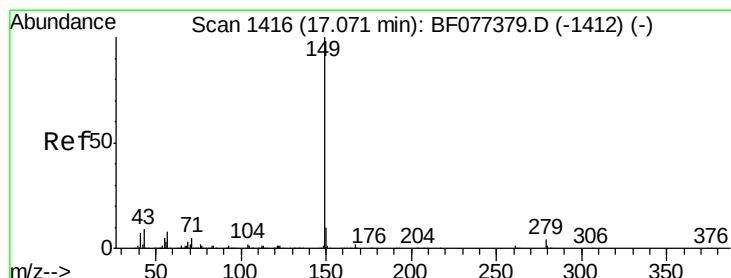
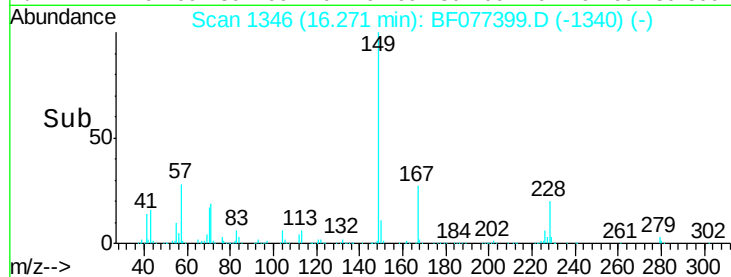
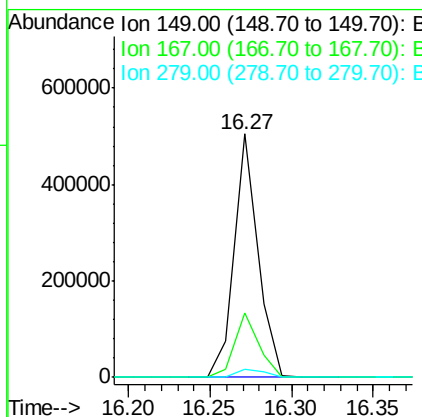
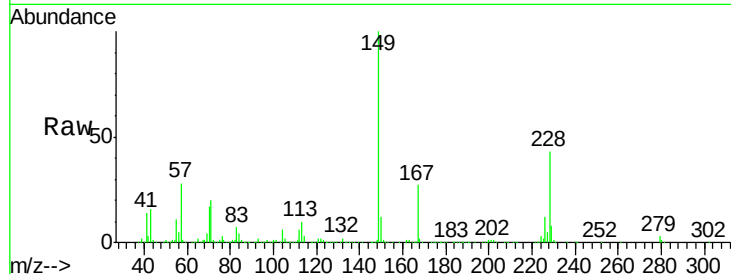




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.73 ng
 RT: 16.27 min Scan# 1346
 Delta R.T. -0.03 min
 Lab File: BF077399.D
 Acq: 23 Feb 2015 12:19

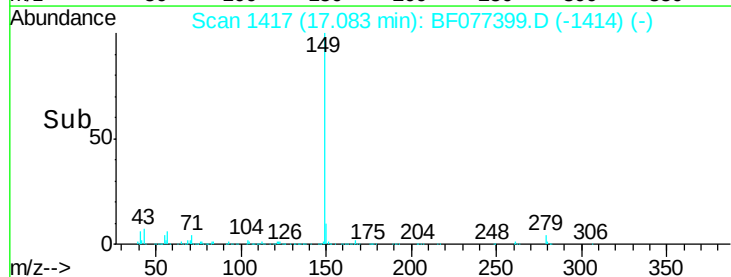
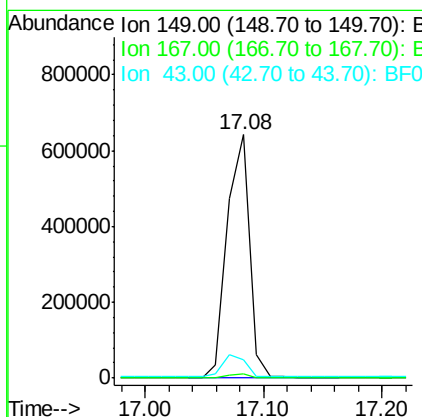
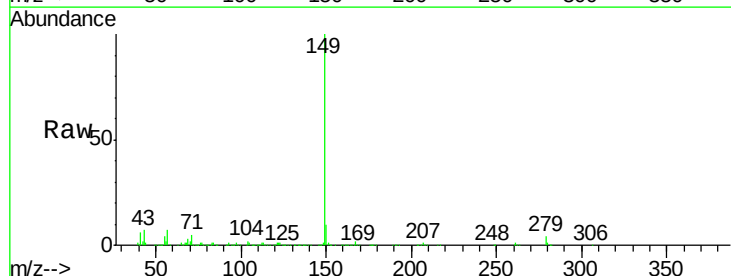
Instrument :
 BNA_F
 ClientSampleId :
 HF-1MS

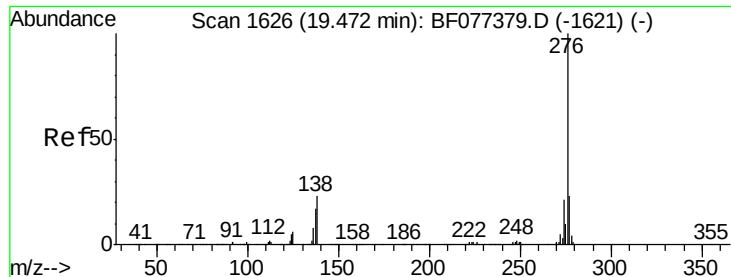
Tot Ion:149 Resp: 504578
 Ion Ratio Lower Upper
 149 100
 167 26.7 22.8 34.2
 279 3.1 3.8 5.6#



#84
 Di-n-octyl phthalate
 Concen: 34.57 ng
 RT: 17.08 min Scan# 1417
 Delta R.T. -0.07 min
 Lab File: BF077399.D
 Acq: 23 Feb 2015 12:19

Tgt Ion:149 Resp: 838655
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 9.3 8.1 12.1

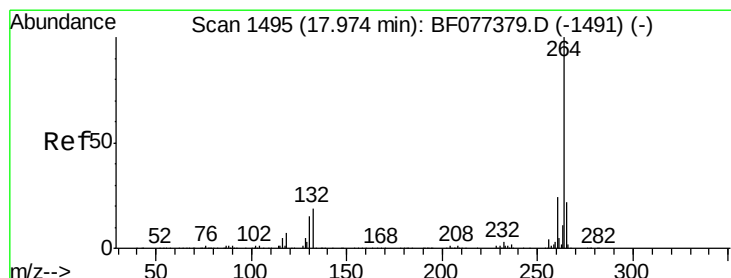
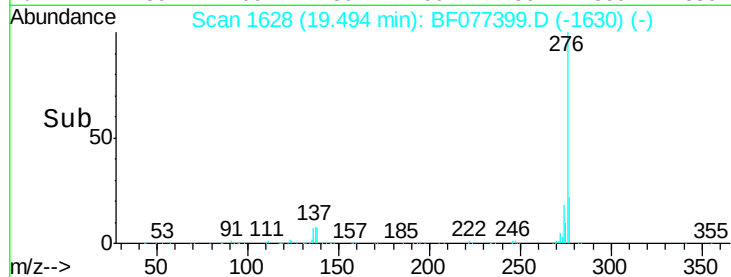
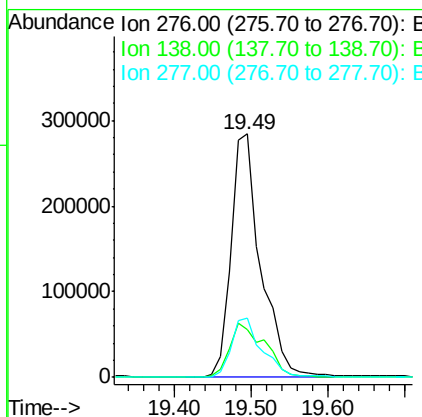
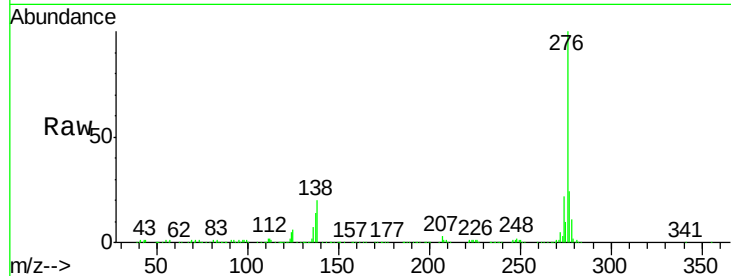




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.73 ng/ml
 RT: 19.49 min Scan# 1628
 Delta R.T. -0.13 min
 Lab File: BF077399.D
 Acq: 23 Feb 2015 12:19

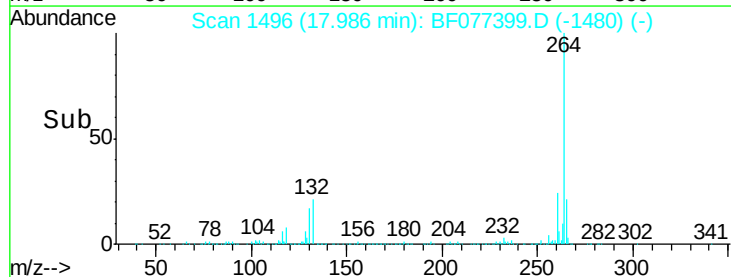
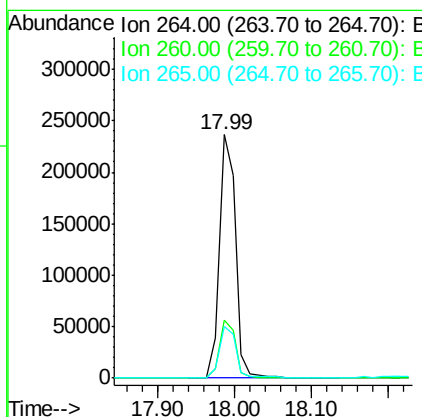
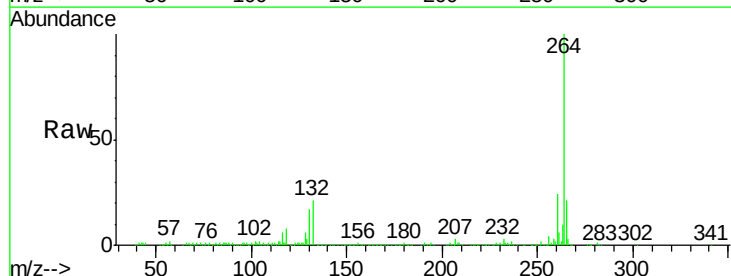
Instrument :
 BNA_F
 ClientSampleId :
 HF-1MS

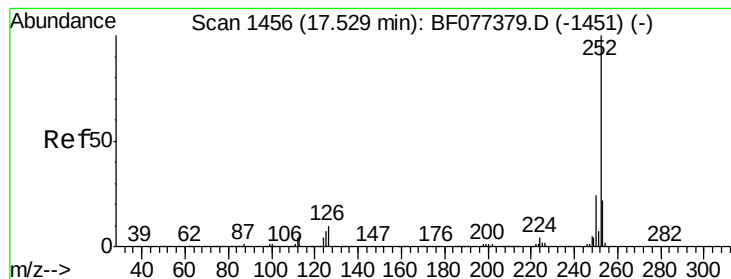
Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	21.2	31.8#
277	0.0	20.0	30.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.99 min Scan# 1496
 Delta R.T. -0.11 min
 Lab File: BF077399.D
 Acq: 23 Feb 2015 12:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.3	28.9
265	21.5	16.8	25.2





#87

Benzo(b)fluoranthene

Concen: 34.47 ng

RT: 17.54 min Scan# 1457

Delta R.T. -0.09 min

Lab File: BF077399.D

Acq: 23 Feb 2015 12:19

Instrument :

BNA_F

ClientSampleId :

HF-1MS

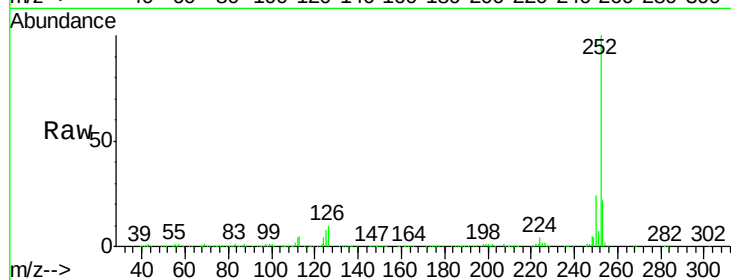
Tot Ion:252 Resp: 702422

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

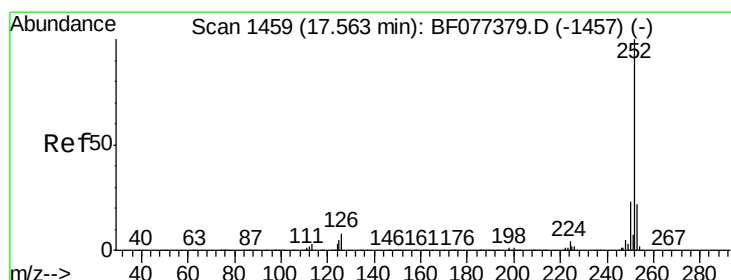
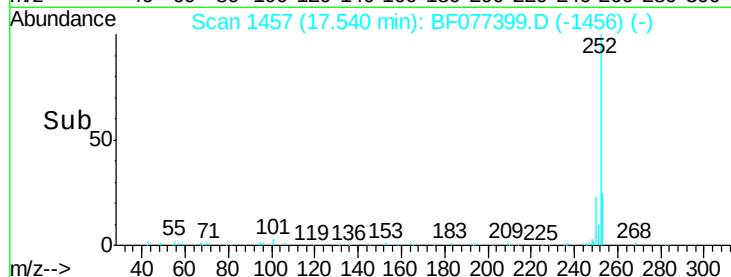
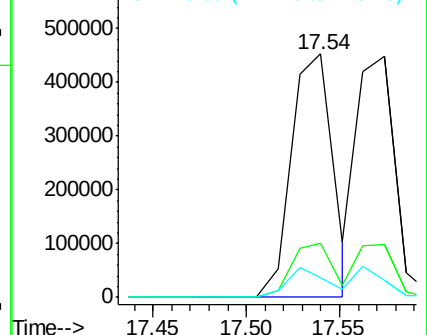
125 7.9 5.4 8.2



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: 32.25 ng m

RT: 17.57 min Scan# 1460

Delta R.T. -0.09 min

Lab File: BF077399.D

Acq: 23 Feb 2015 12:19

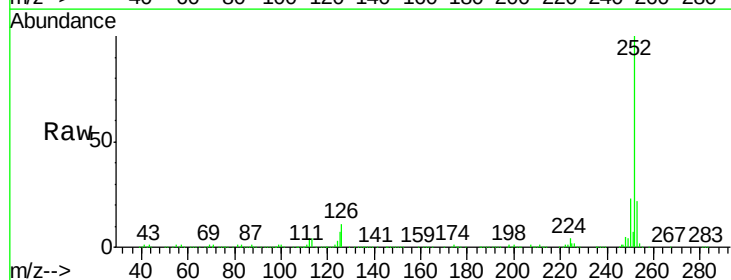
Tgt Ion:252 Resp: 644050

Ion Ratio Lower Upper

252 100

253 22.0 18.1 27.1

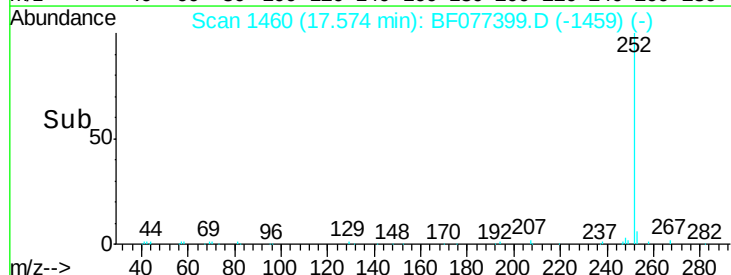
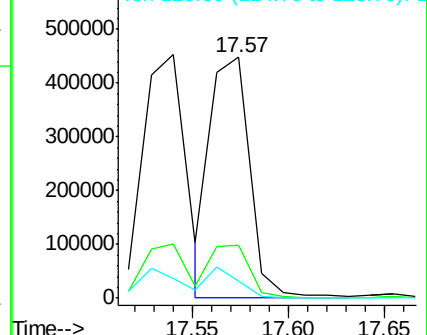
125 7.1 10.1 15.1#

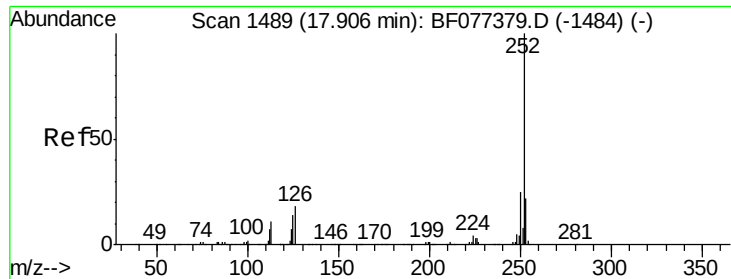


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

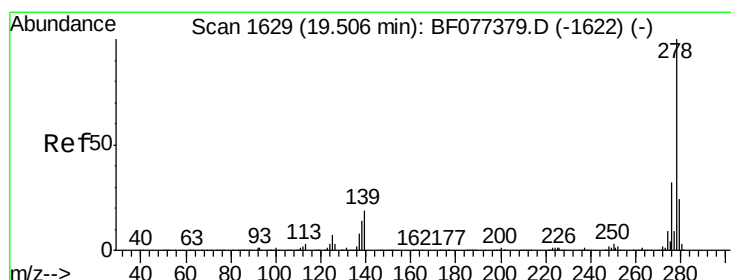
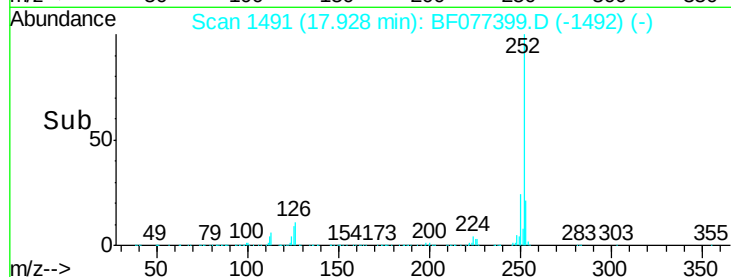
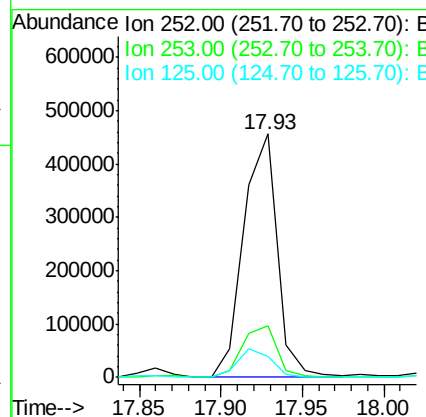
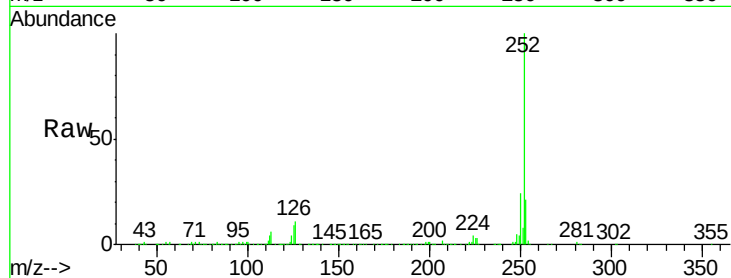




#89
Benzo(a)pyrene
Concen: 33.51 ng
RT: 17.93 min Scan# 1491
Delta R.T. -0.11 min
Lab File: BF077399.D
Acq: 23 Feb 2015 12:19

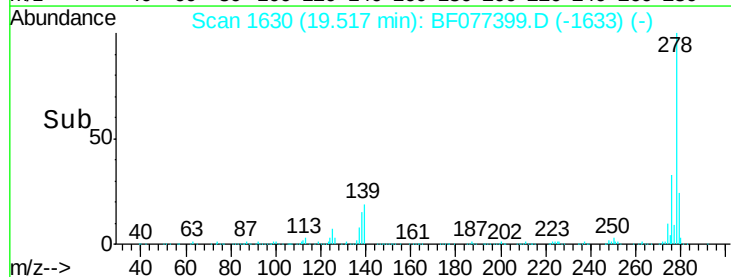
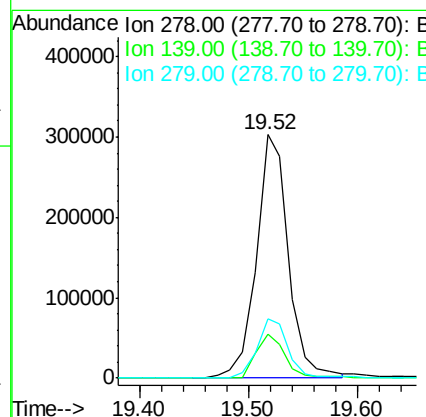
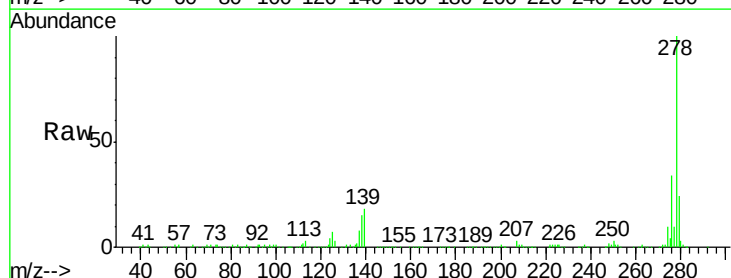
Instrument :
BNA_F
ClientSampleId :
HF-1MS

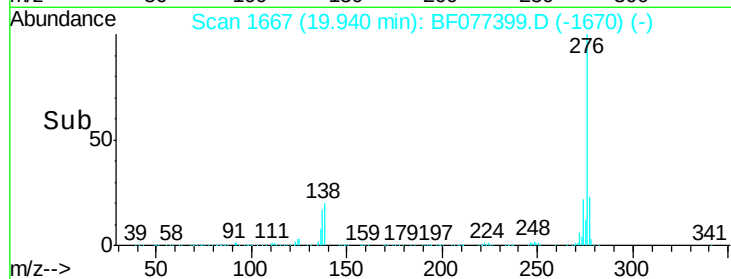
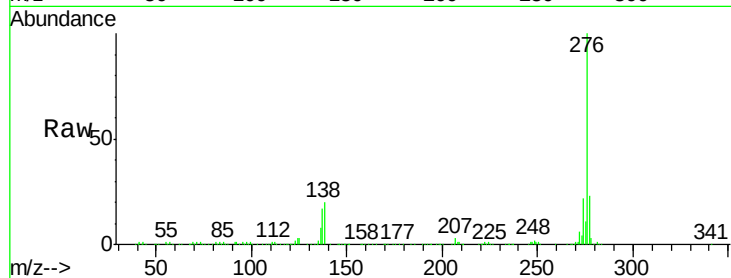
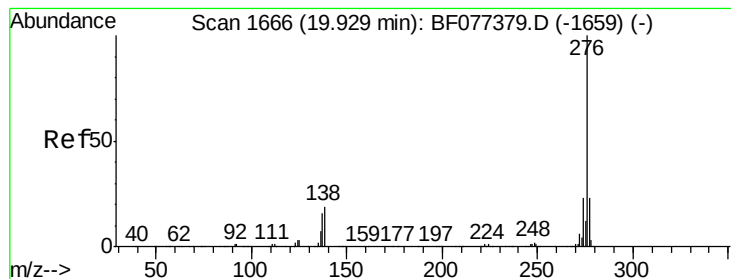
Tot Ion:252 Resp: 650300
Ion Ratio Lower Upper
252 100
253 21.3 18.2 27.2
125 8.7 8.3 12.5



#90
Dibenzo(a,h)anthracene
Concen: 33.28 ng
RT: 19.52 min Scan# 1630
Delta R.T. -0.14 min
Lab File: BF077399.D
Acq: 23 Feb 2015 12:19

Tgt Ion:278 Resp: 616003
Ion Ratio Lower Upper
278 100
139 18.3 14.3 21.5
279 24.1 19.0 28.6





#91

Benzo(a,h,i)perylene

Concen: 34.06 ng

RT: 19.94 min Scan# 1667

Delta R.T. -0.14 min

Lab File: BF077399.D

Acq: 23 Feb 2015 12:19

Instrument :

BNA_F

ClientSampleId :

HF-1MS

Tot Ion: 276 Resp: 636190

Ion Ratio Lower Upper

276 100

277 23.0 18.9 28.3

138 19.9 20.5 30.7#

