

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031015\
 Data File : BF077671.D
 Acq On : 10 Mar 2015 20:03
 Operator : TP/IZ
 Sample : G1442-02MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2(8-9)MS

Quant Time: Mar 11 00:16:01 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 11 00:54:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.18	152	53223	20.00	ng	0.00
21) Naphthalene-d8	8.76	136	210309	20.00	ng	0.00
38) Acenaphthene-d10	10.93	164	103117	20.00	ng	0.00
63) Phenanthrene-d10	12.77	188	198793	20.00	ng	0.00
75) Chrysene-d12	16.06	240	218601	20.00	ng	-0.02
86) Perylene-d12	17.85	264	220568	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	307753	96.53	ng	0.00
7) Phenol-d6	6.75	99	406720	99.22	ng	0.00
23) Nitrobenzene-d5	7.88	82	226255	66.90	ng	0.00
41) 2,4,6-Tribromophenol	11.91	330	98852	99.56	ng	0.00
44) 2-Fluorobiphenyl	10.11	172	465263	70.35	ng	0.00
78) Terphenyl-d14	14.76	244	558164	59.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.10	88	35547	26.28	ng	# 93
3) Pyridine	2.83	79	96643	24.97	ng	97
4) n-Nitrosodimethylamine	2.73	42	47169	28.03	ng	96
6) Aniline	6.77	93	89025	15.71	ng	# 75
8) 2-Chlorophenol	6.91	128	113842	30.27	ng	99
9) Benzaldehyde	6.63	77	13773	5.53	ng	85
10) Phenol	6.76	94	151821	31.22	ng	83
11) bis(2-Chloroethyl)ether	6.88	93	111684	31.96	ng	96
12) 1,3-Dichlorobenzene	7.11	146	119777	29.25	ng	96
13) 1,4-Dichlorobenzene	7.21	146	120911	29.02	ng	100
14) 1,2-Dichlorobenzene	7.39	146	116709	29.45	ng	100
15) Benzyl Alcohol	7.37	79	92905	29.82	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.55	45	146820	29.39	ng	99
17) 2-Methylphenol	7.52	107	92792	31.57	ng	98
18) Hexachloroethane	7.81	117	40561	29.15	ng	# 79
19) n-Nitroso-di-n-propylamine	7.70	70	86525	33.24	ng	98
20) 3+4-Methylphenols	7.71	107	118271	30.55	ng	# 73
22) Acetophenone	7.69	105	151782	30.68	ng	# 90
24) Nitrobenzene	7.90	77	113123	31.79	ng	99
25) Isophorone	8.20	82	221711	33.04	ng	# 97
26) 2-Nitrophenol	8.30	139	54657	37.48	ng	94
27) 2,4-Dimethylphenol	8.36	122	102152	31.31	ng	98
28) bis(2-Chloroethoxy)methane	8.48	93	129393	30.53	ng	# 93
29) 2,4-Dichlorophenol	8.59	162	98039	32.01	ng	91
30) 1,2,4-Trichlorobenzene	8.69	180	101590	30.17	ng	100
31) Naphthalene	8.79	128	351204	33.39	ng	99
32) Benzoic acid	8.45	122	26178	16.51	ng	# 47
33) 4-Chloroaniline	8.86	127	85949	18.38	ng	96
34) Hexachlorobutadiene	8.94	225	56367	29.32	ng	98
35) Caprolactam	9.28	113	28049	30.00	ng	# 69
36) 4-Chloro-3-methylphenol	9.47	107	99332	32.26	ng	96
37) 2-Methylnaphthalene	9.65	142	435496	58.31	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	9.85	216	95174	32.17	ng	# 97
40) Hexachlorocyclopentadiene	9.84	237	82666	52.11	ng	96

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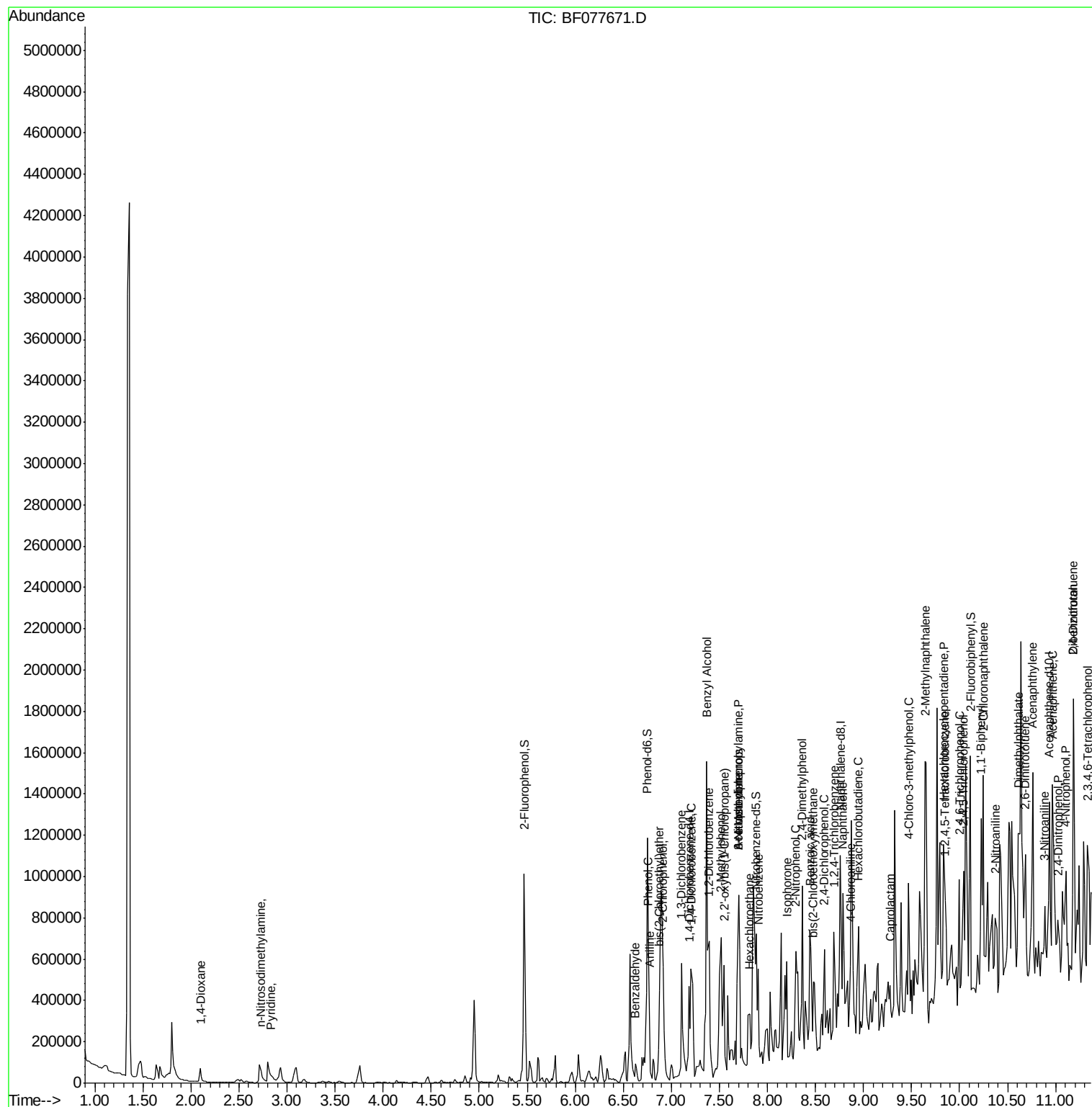
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42) 2,4,6-Trichlorophenol	10.00	196	68144	34.78	ng	100
43) 2,4,5-Trichlorophenol	10.04	196	71199	33.98	ng #	84
45) 1,1'-Biphenyl	10.23	154	255080	32.65	ng	97
46) 2-Chloronaphthalene	10.25	162	210178	34.30	ng	97
47) 2-Nitroaniline	10.38	65	54620	36.22	ng	98
48) Acenaphthylene	10.76	152	341790	35.24	ng	98
49) Dimethylphthalate	10.62	163	274658	37.89	ng	99
50) 2,6-Dinitrotoluene	10.69	165	51895	35.70	ng #	32
51) Acenaphthene	10.97	154	201408	34.80	ng	100
52) 3-Nitroaniline	10.89	138	57859	34.52	ng #	90
53) 2,4-Dinitrophenol	11.03	184	27254	61.62	ng #	75
54) Dibenzofuran	11.19	168	309741	34.66	ng	94
55) 4-Nitrophenol	11.10	139	102173	75.80	ng #	71
56) 2,4-Dinitrotoluene	11.18	165	79450	40.45	ng #	84
57) Fluorene	11.61	166	279812	39.16	ng	96
58) 2,3,4,6-Tetrachlorophenol	11.34	232	55170	32.75	ng #	75
59) Diethylphthalate	11.49	149	235225	32.92	ng	98
60) 4-Chlorophenyl-phenylether	11.62	204	106375	30.90	ng #	85
61) 4-Nitroaniline	11.64	138	55944	34.83	ng	89
62) Azobenzene	11.82	77	233960	34.51	ng	94
64) 4,6-Dinitro-2-methylphenol	11.68	198	24682	32.42	ng #	57
65) n-Nitrosodiphenylamine	11.77	169	279161	42.32	ng	93
66) 4-Bromophenyl-phenylether	12.23	248	67432	28.97	ng #	90
67) Hexachlorobenzene	12.29	284	70321	28.14	ng #	92
68) Atrazine	12.44	200	73698	34.37	ng	98
69) Pentachlorophenol	12.54	266	79958	60.89	ng	99
70) Phenanthrene	12.80	178	443510	38.49	ng	99
71) Anthracene	12.86	178	371876	32.52	ng	99
72) Carbazole	13.07	167	357622	32.90	ng	99
73) Di-n-butylphthalate	13.52	149	401288	31.43	ng	99
74) Fluoranthene	14.27	202	405837	32.25	ng	97
76) Benzidine	14.46	184	218176	29.54	ng	98
77) Pyrene	14.55	202	434204	32.47	ng	99
79) Butylbenzylphthalate	15.38	149	179371	32.60	ng #	83
80) Benzo(a)anthracene	16.05	228	416281	32.49	ng	99
81) 3,3'-Dichlorobenzidine	16.03	252	103430	22.03	ng #	98
82) Chrysene	16.10	228	385857	32.07	ng	97
83) Bis(2-ethylhexyl)phthalate	16.12	149	266283	30.18	ng	97
84) Di-n-octyl phthalate	16.94	149	466439	31.67	ng	98
85) Indeno(1,2,3-cd)pyrene	19.27	276	409543	29.86	ng	99
87) Benzo(b)fluoranthene	17.39	252	400964	31.26	ng #	97
88) Benzo(k)fluoranthene	17.39	252	401052	31.91	ng #	96
89) Benzo(a)pyrene	17.79	252	388839	31.83	ng	97
90) Dibenzo(a,h)anthracene	19.30	278	381096	32.71	ng	97
91) Benzo(g,h,i)perylene	19.68	276	386140	32.84	ng	99

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

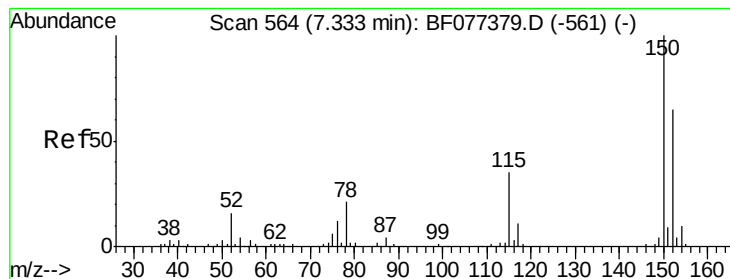
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Operator  : TP/IZ  
Sample    : G1442-02MS  
Misc      :  
ALS Vial  : 15      Sample Multiplier: 1
```



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.18 min Scan# 551

Delta R.T. -0.00 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

Instrument :

BNA_F

ClientSampleId :

B2(8-9)MS

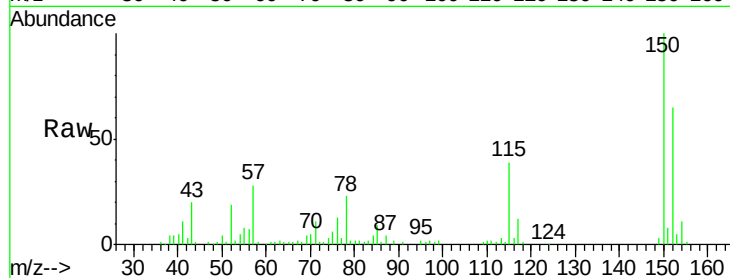
Tgt Ion:152 Resp: 53223

Ion Ratio Lower Upper

152 100

150 153.0 124.0 186.0

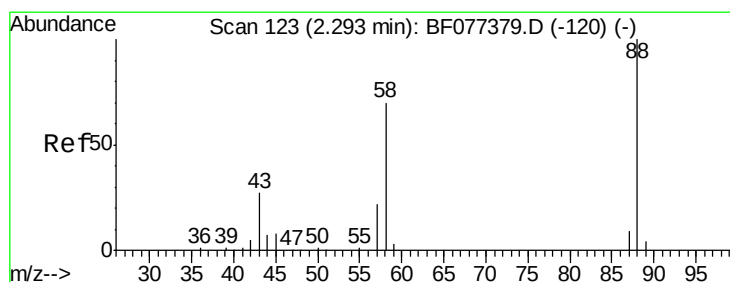
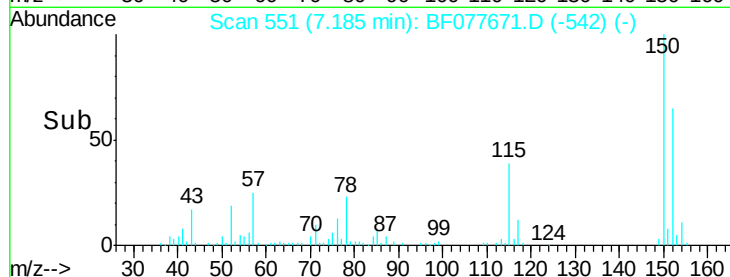
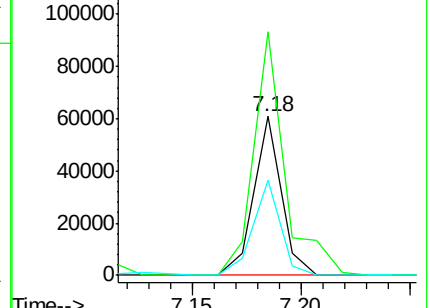
115 59.5 49.4 74.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 26.28 ng

RT: 2.10 min Scan# 106

Delta R.T. 0.02 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

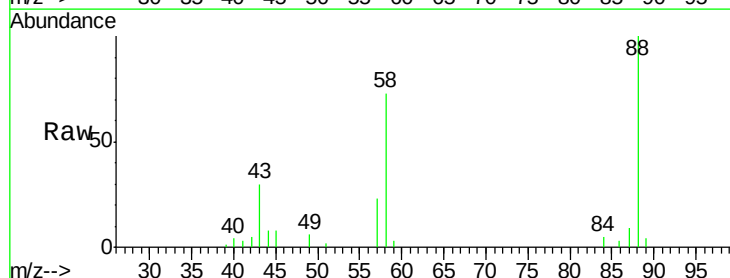
Tgt Ion: 88 Resp: 35547

Ion Ratio Lower Upper

88 100

58 82.4 62.1 93.1

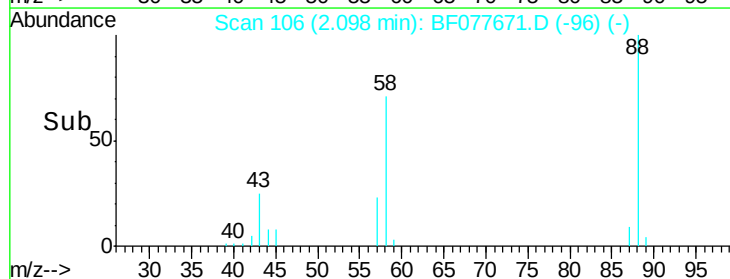
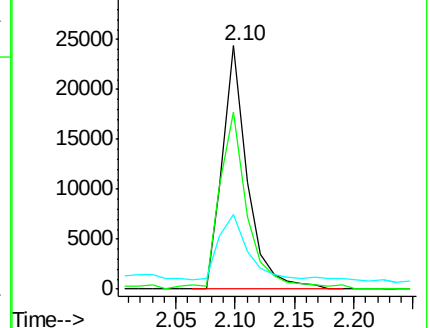
43 36.4 24.0 36.0#

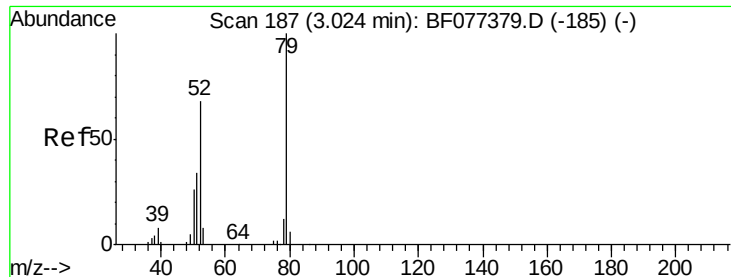


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

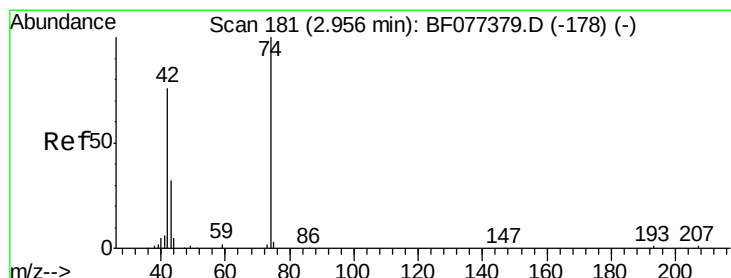
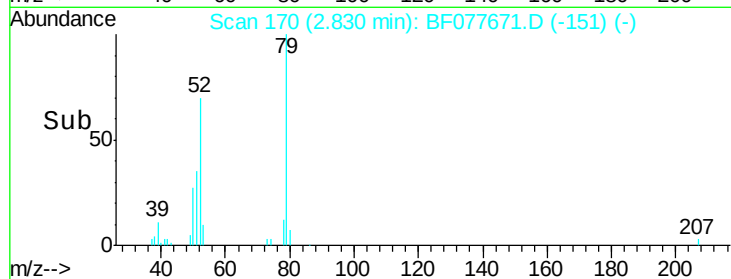
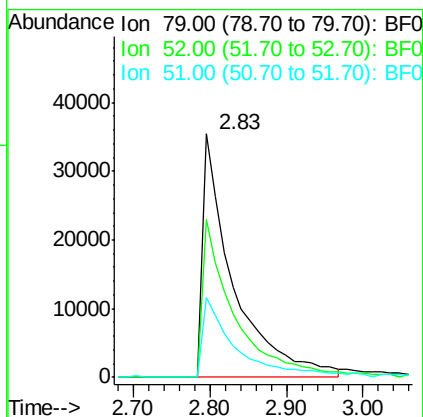
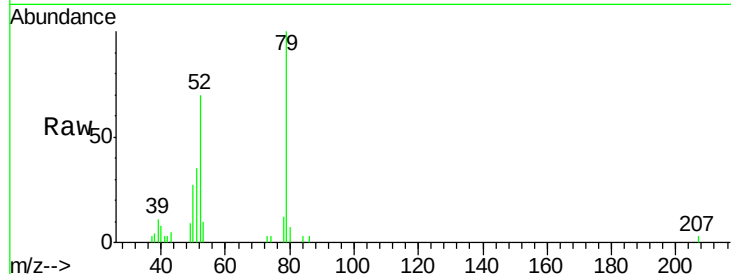




#3
 Pyridine
 Concen: 24.97 ng
 RT: 2.83 min Scan# 170
 Delta R.T. 0.02 min
 Lab File: BF077671.D
 Acq: 10 Mar 2015 20:03

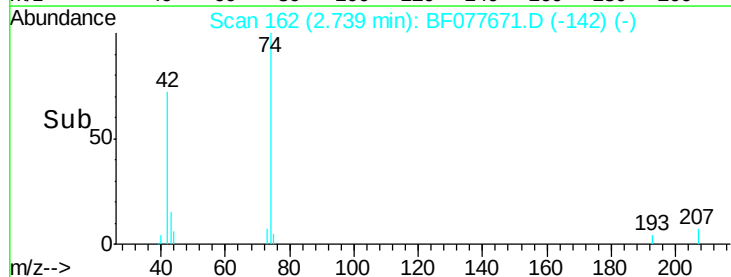
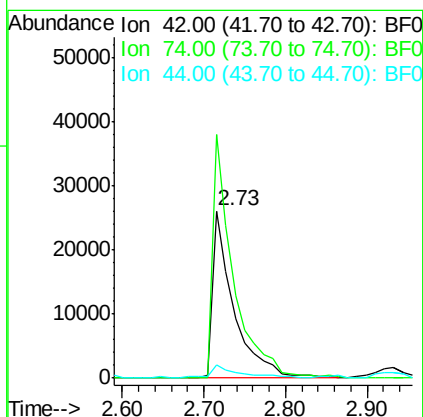
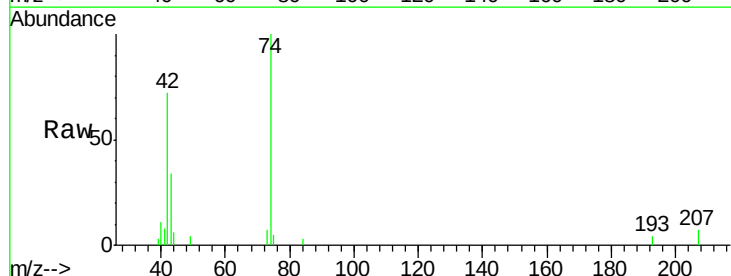
Instrument :
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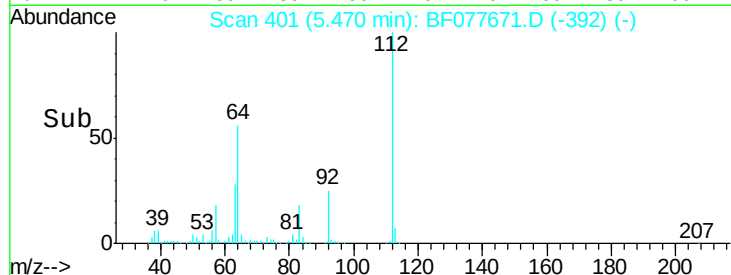
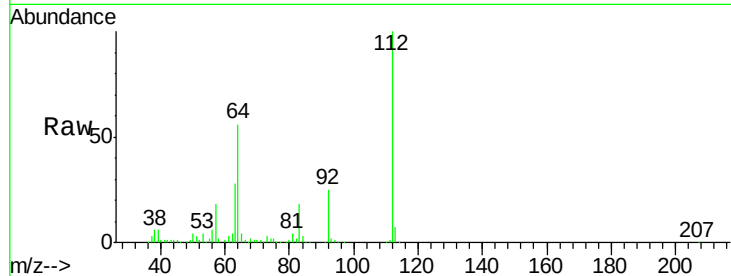
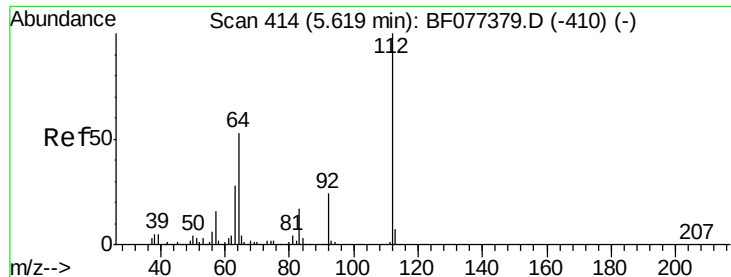
Tgt Ion	Ratio	Lower	Upper
79	100		
52	69.5	57.7	86.5
51	34.7	28.5	42.7



#4
 n-Nitrosodimethylamine
 Concen: 28.03 ng
 RT: 2.73 min Scan# 162
 Delta R.T. 0.03 min
 Lab File: BF077671.D
 Acq: 10 Mar 2015 20:03

Tgt Ion	Ratio	Lower	Upper
42	100		
74	139.3	107.1	160.7
44	8.6	6.7	10.1

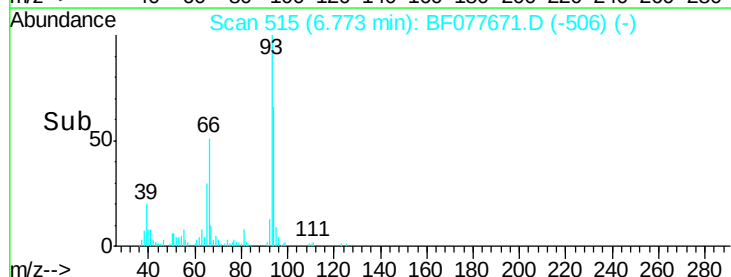
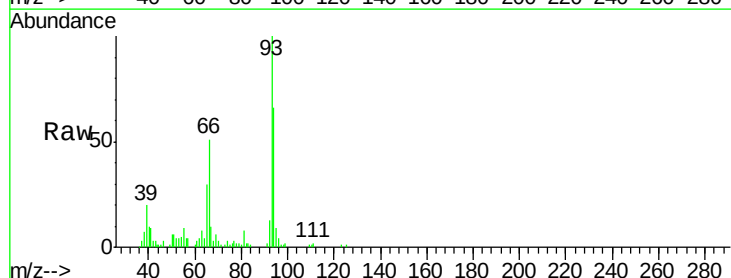
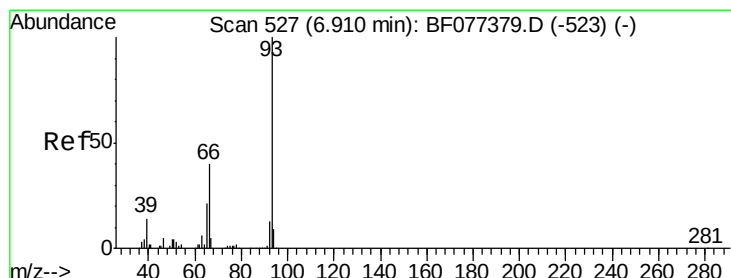
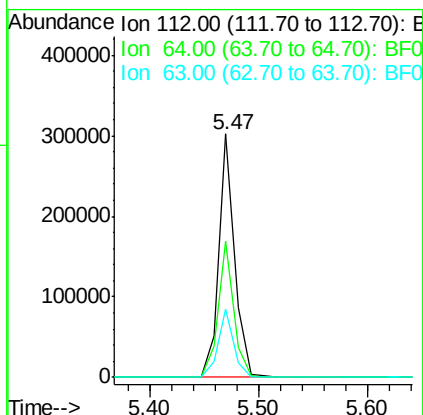




#5
2-Fluorophenol
Concen: 96.53 ng
RT: 5.47 min Scan# 401
Delta R.T. 0.00 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

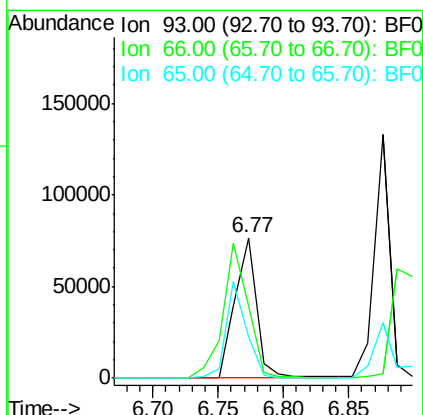
Instrument :
BNA_F
ClientSampleId :
B2(8-9)MS

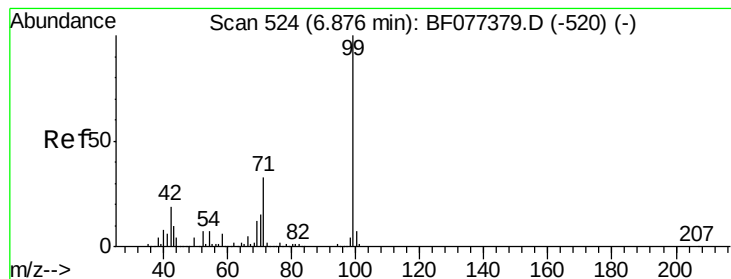
Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.9	48.5	72.7
63	28.3	25.0	37.4



#6
Aniline
Concen: 15.71 ng
RT: 6.77 min Scan# 515
Delta R.T. 0.00 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Tgt Ion	Ratio	Lower	Upper
93	100		
66	50.9	29.1	43.7#
65	29.9	14.6	22.0#





#7

Phenol-d6

Concen: 99.22 ng

RT: 6.75 min Scan# 513

Delta R.T. -0.00 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

Instrument :

BNA_F

ClientSampleId :

B2(8-9)MS

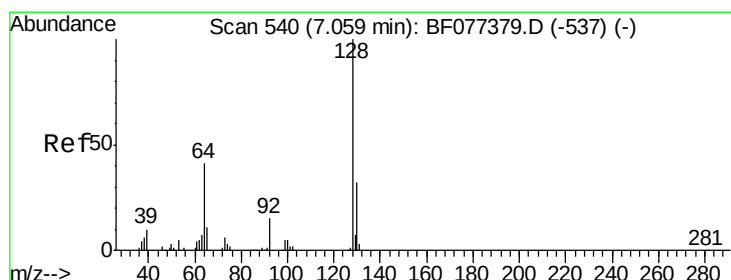
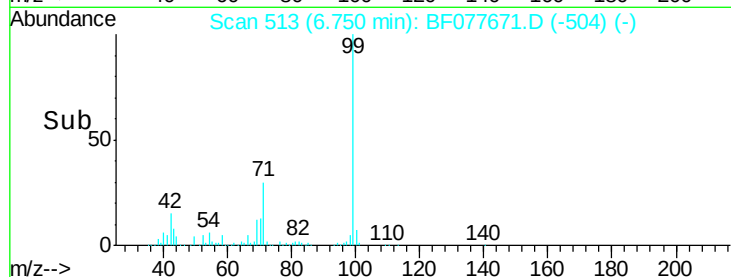
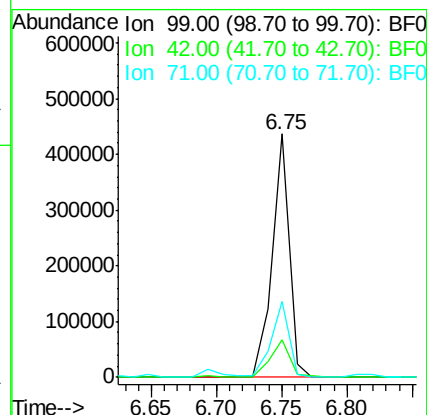
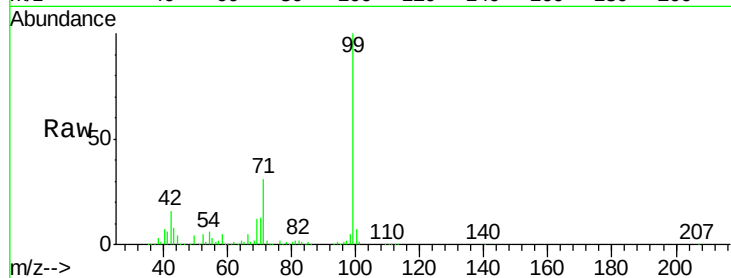
Tgt Ion: 99 Resp: 406720

Ion Ratio Lower Upper

99 100

42 15.6 16.2 24.4#

71 31.0 26.7 40.1



#8

2-Chlorophenol

Concen: 30.27 ng

RT: 6.91 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

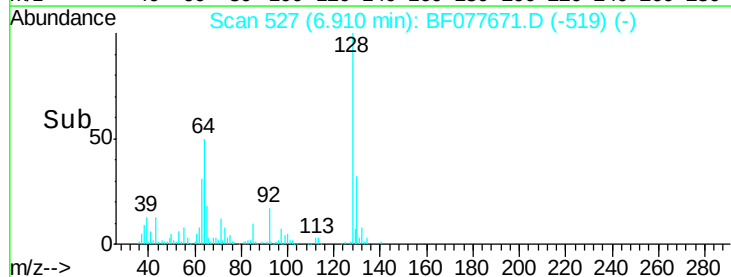
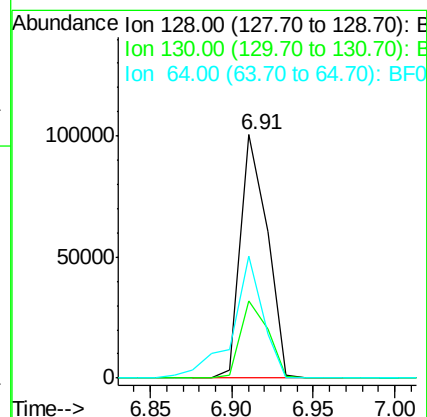
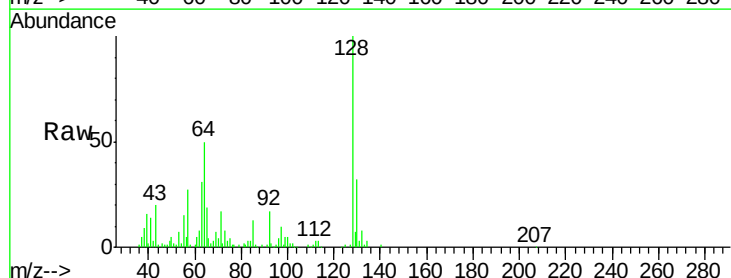
Tgt Ion: 128 Resp: 113842

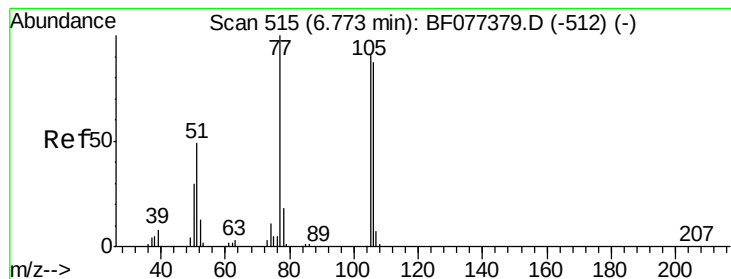
Ion Ratio Lower Upper

128 100

130 31.9 12.0 52.0

64 49.9 29.2 69.2





#9

Benzaldehyde

Concen: 5.53 ng

RT: 6.63 min Scan# 502

Delta R.T. -0.00 min

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Acq: 10 Mar 2015 20:03

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BNA_F

ClientSampleId :

B2(8-9)MS

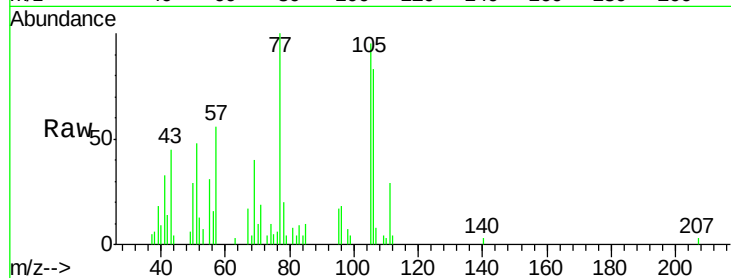
Tgt Ion: 77 Resp: 13773

Ion Ratio Lower Upper

77 100

105 94.6 85.9 125.9

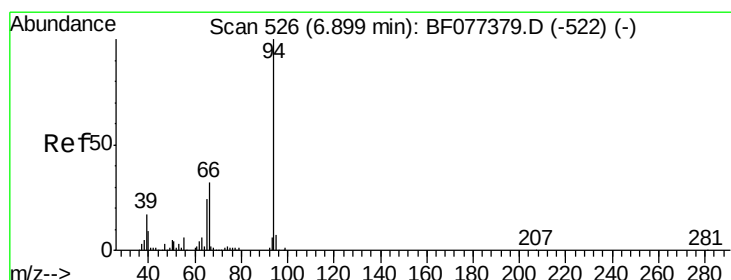
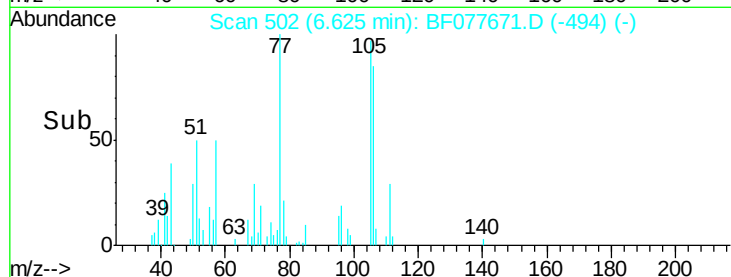
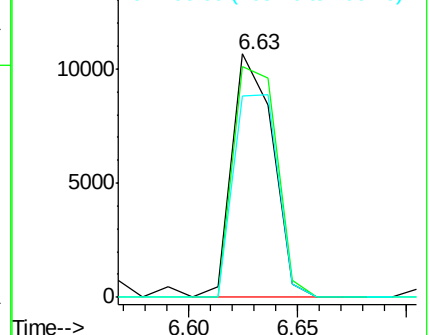
106 82.9 82.9 122.9



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 31.22 ng

RT: 6.76 min Scan# 514

Delta R.T. -0.00 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

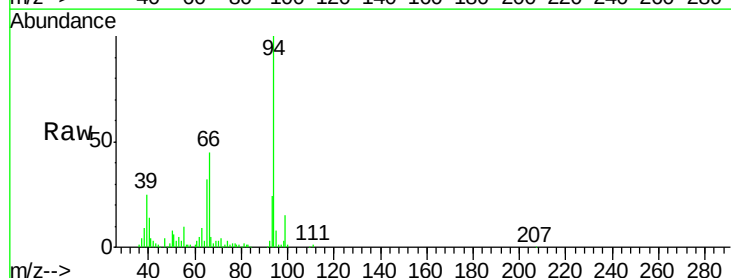
Tgt Ion: 94 Resp: 151821

Ion Ratio Lower Upper

94 100

65 32.2 5.7 45.7

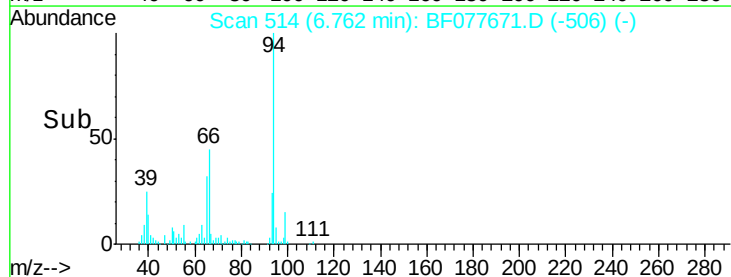
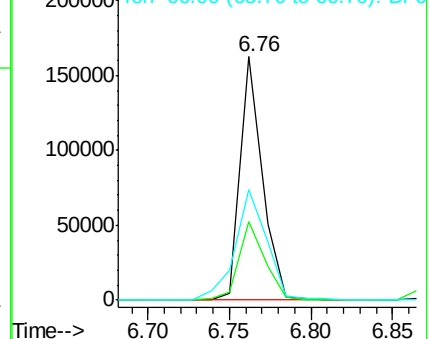
66 45.2 13.6 53.6

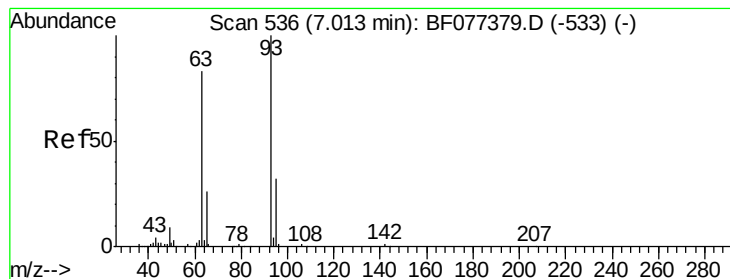


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 31.96 ng

RT: 6.88 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

Instrument :

BNA_F

ClientSampleId :

B2(8-9)MS

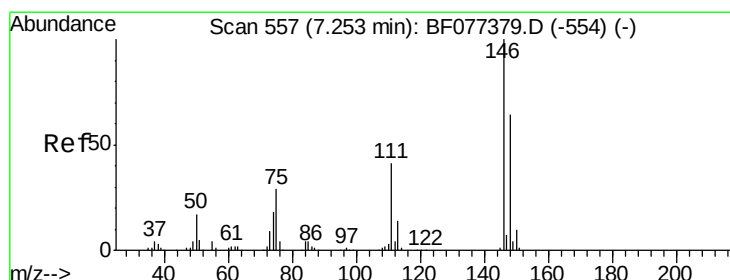
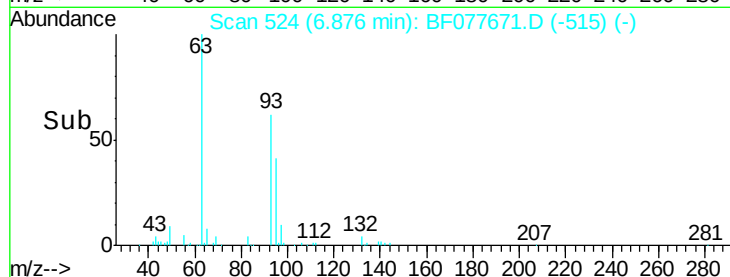
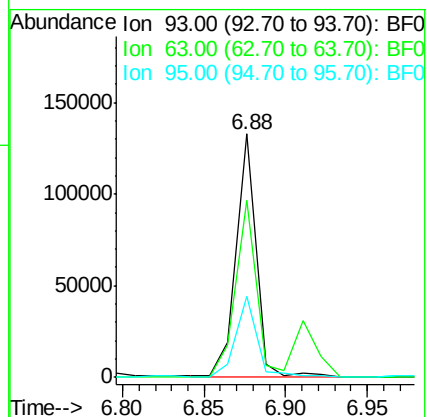
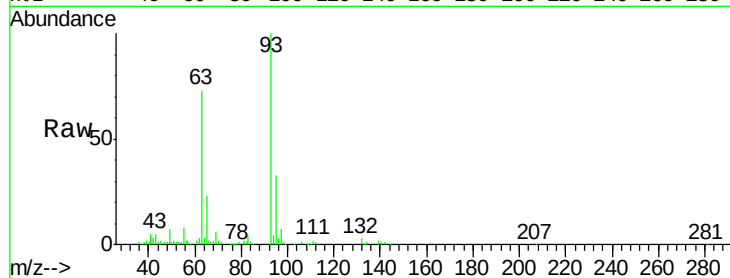
Tgt Ion: 93 Resp: 111684

Ion Ratio Lower Upper

93 100

63 73.0 48.7 88.7

95 33.4 13.6 53.6



#12

1,3-Dichlorobenzene

Concen: 29.25 ng

RT: 7.11 min Scan# 544

Delta R.T. -0.00 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

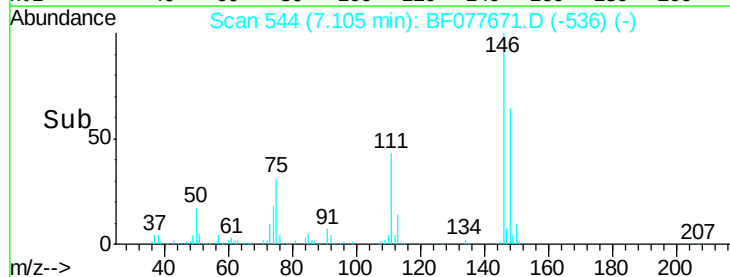
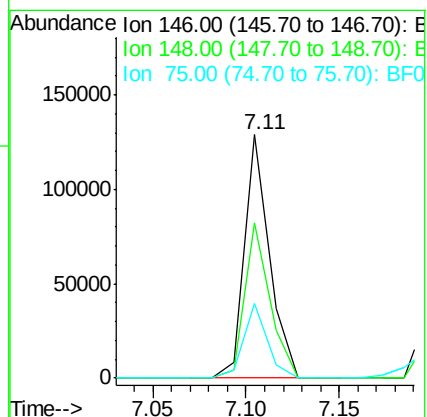
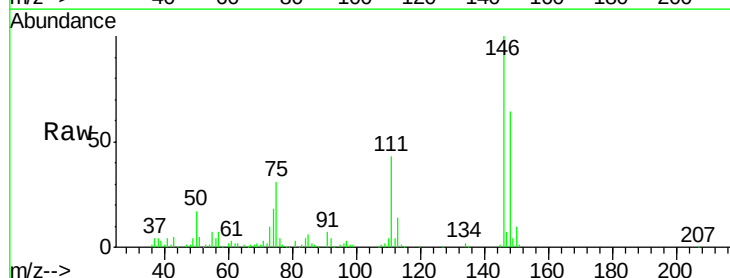
Tgt Ion: 146 Resp: 119777

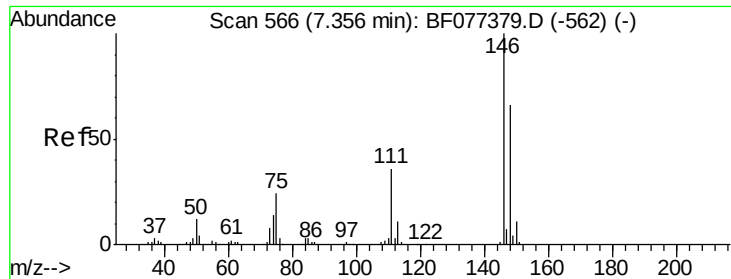
Ion Ratio Lower Upper

146 100

148 63.9 49.8 74.8

75 30.8 28.2 42.4

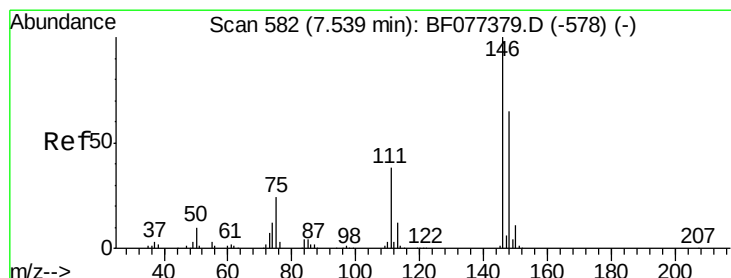
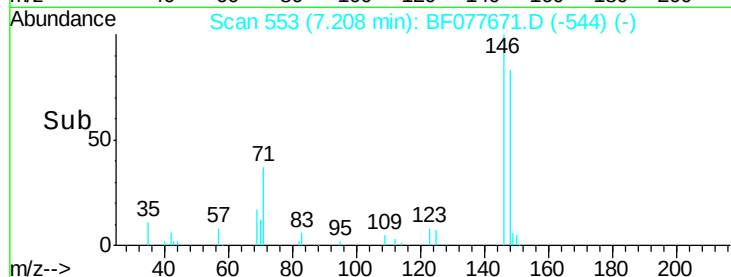
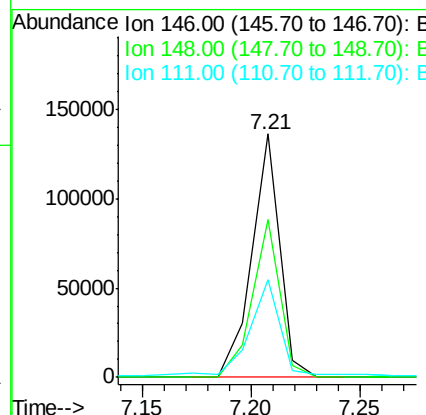
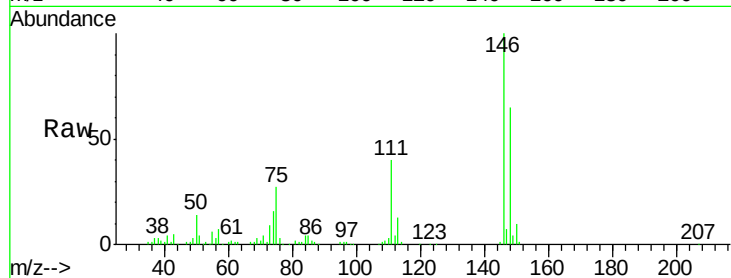




#13
 1,4-Dichlorobenzene
 Concen: 29.02 ng
 RT: 7.21 min Scan# 553
 Delta R.T. -0.00 min
 Lab File: BF077671.D
 Acq: 10 Mar 2015 20:03

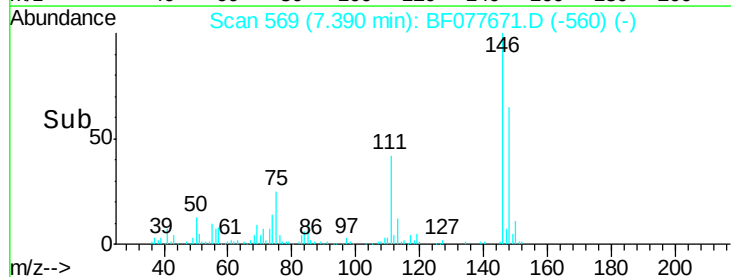
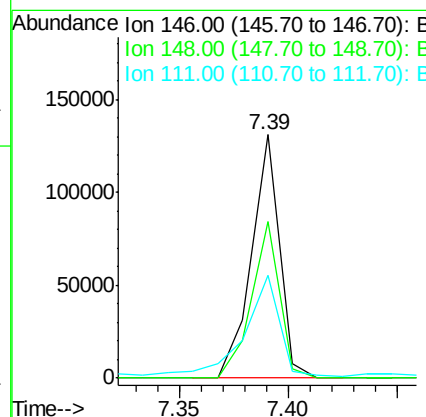
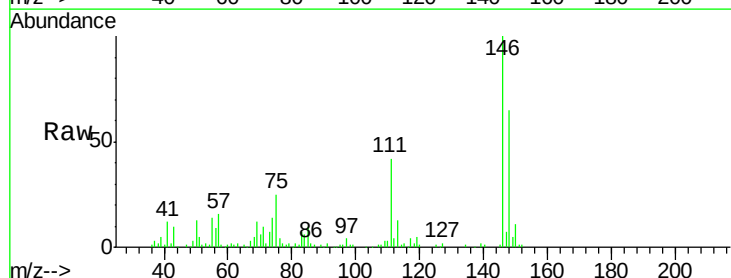
Instrument :
 BNA_F
 ClientSampleId :
 B2(8-9)MS

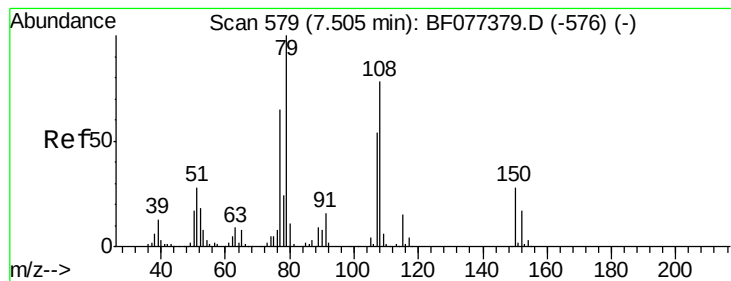
Tgt Ion:146 Resp: 120911
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.0 78.0
 111 40.1 31.9 47.9



#14
 1,2-Dichlorobenzene
 Concen: 29.45 ng
 RT: 7.39 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF077671.D
 Acq: 10 Mar 2015 20:03

Tgt Ion:146 Resp: 116709
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.6 77.4
 111 42.0 34.2 51.2





#15

Benzyl Alcohol

Concen: 29.82 ng

RT: 7.37 min Scan# 567

Delta R.T. -0.00 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

Instrument :

BNA_F

ClientSampled :

B2(8-9)MS

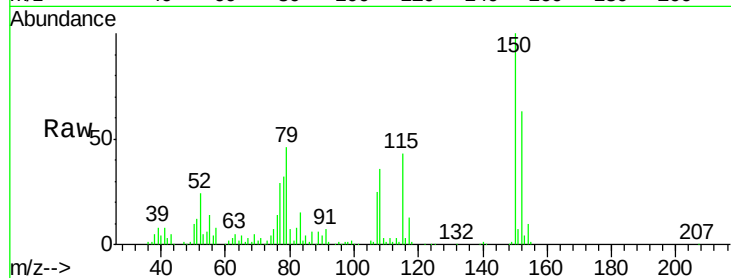
Tgt Ion: 79 Resp: 92905

Ion Ratio Lower Upper

79 100

108 79.1 58.3 87.5

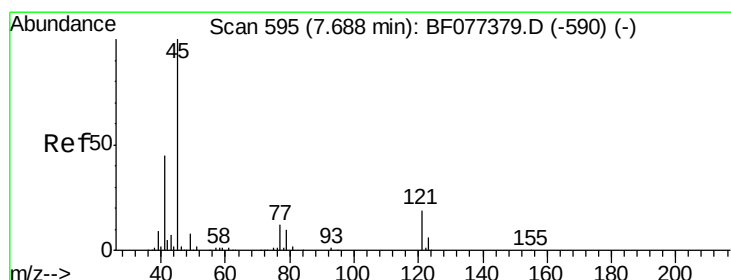
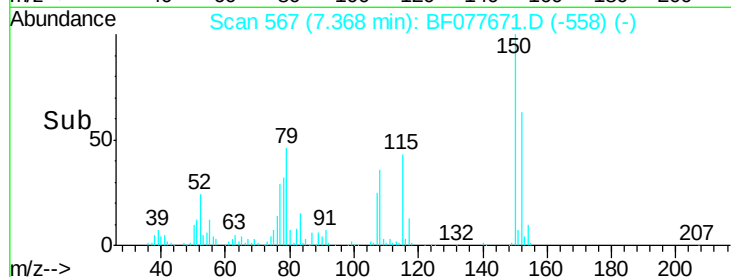
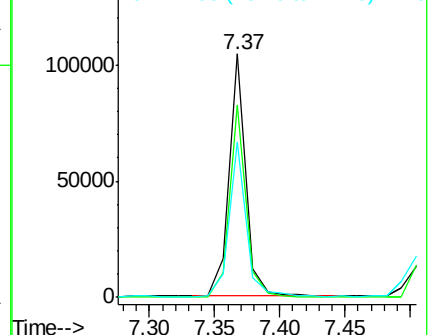
77 64.0 51.3 76.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.39 ng

RT: 7.55 min Scan# 583

Delta R.T. -0.00 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

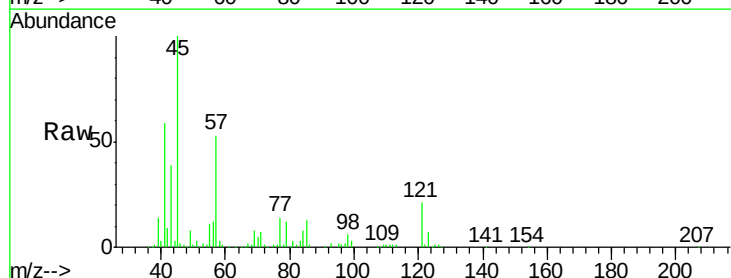
Tgt Ion: 45 Resp: 146820

Ion Ratio Lower Upper

45 100

77 14.1 0.0 34.6

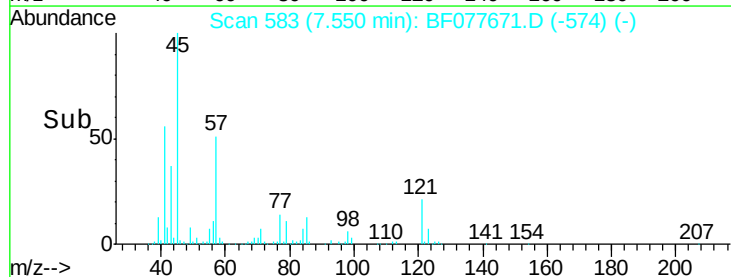
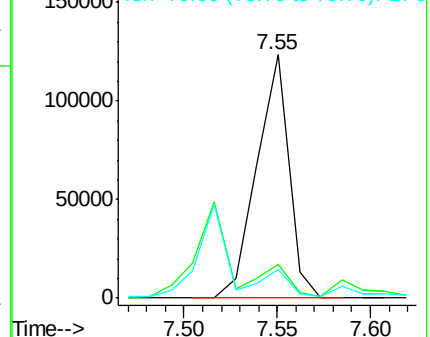
79 11.8 0.0 31.5

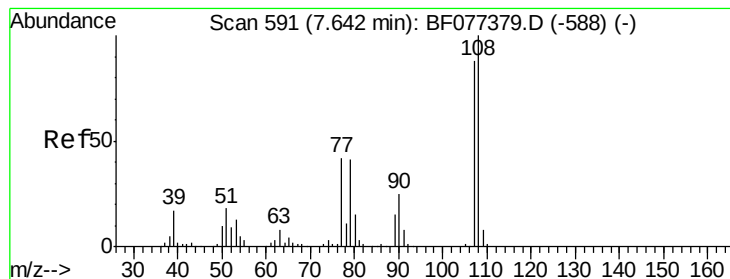


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

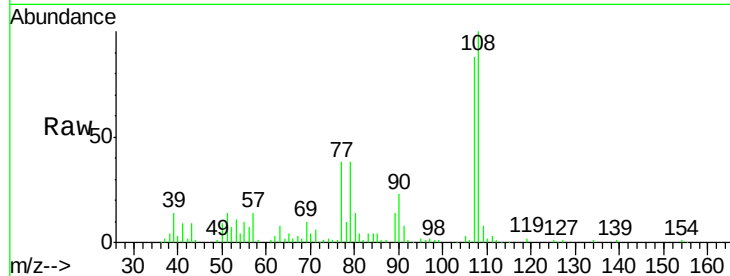




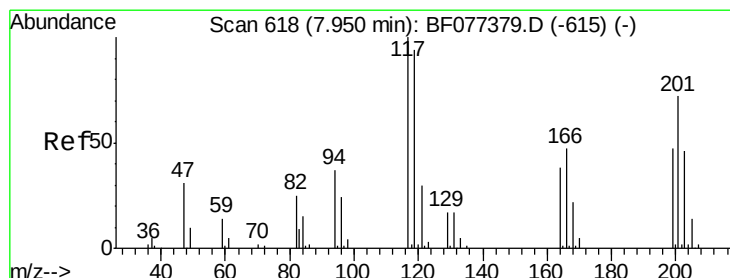
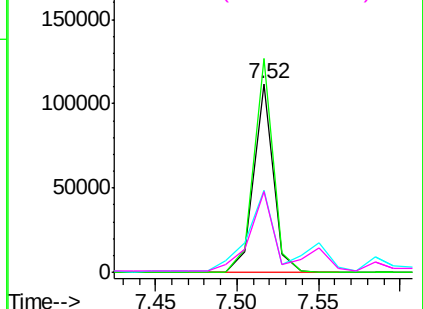
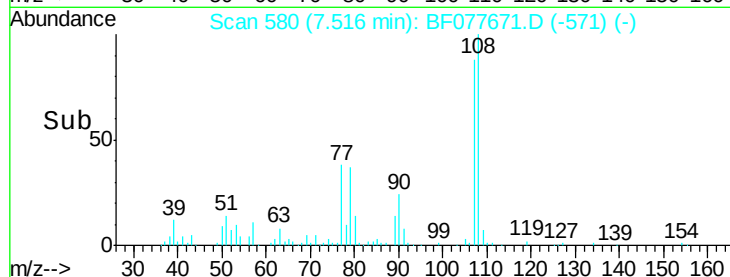
#17
2-Methylphenol
Concen: 31.57 ng
RT: 7.52 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Instrument :
BNA_F
ClientSampleId :
B2(8-9)MS

Tgt Ion:107 Resp: 92792
Ion Ratio Lower Upper
107 100
108 113.4 91.2 136.8
77 43.5 33.6 50.4
79 42.7 32.1 48.1

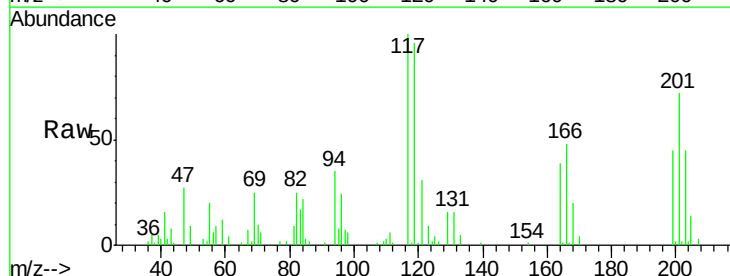


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

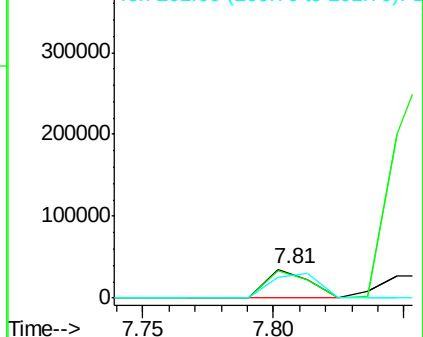
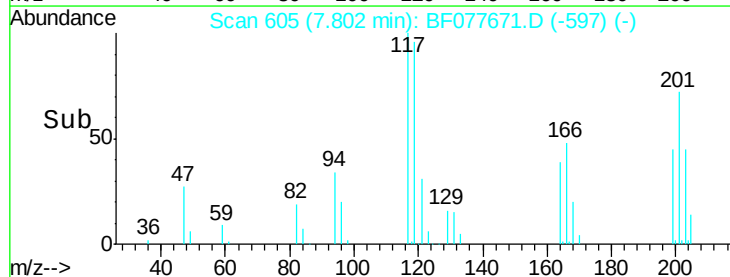


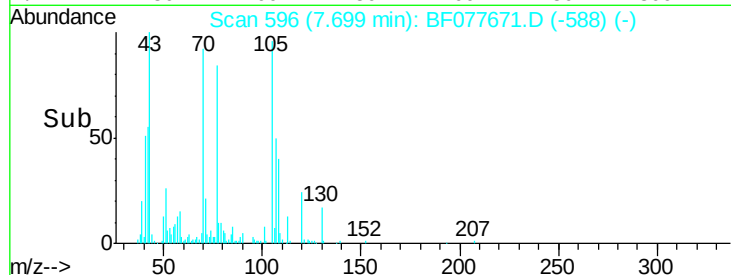
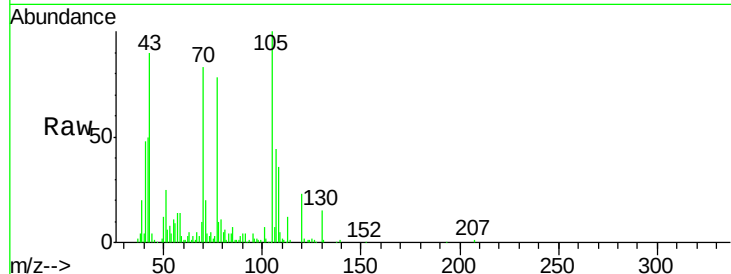
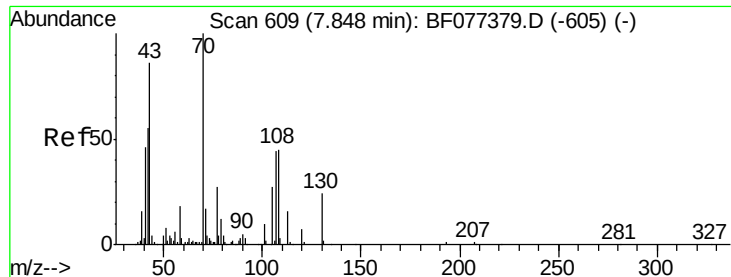
#18
Hexachloroethane
Concen: 29.15 ng
RT: 7.81 min Scan# 605
Delta R.T. -0.00 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Tgt Ion:117 Resp: 40561
Ion Ratio Lower Upper
117 100
119 95.7 77.8 116.8
201 72.4 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

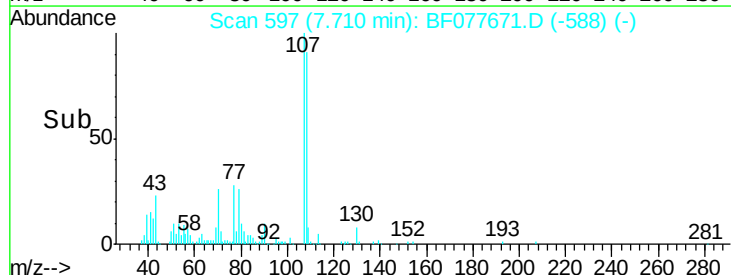
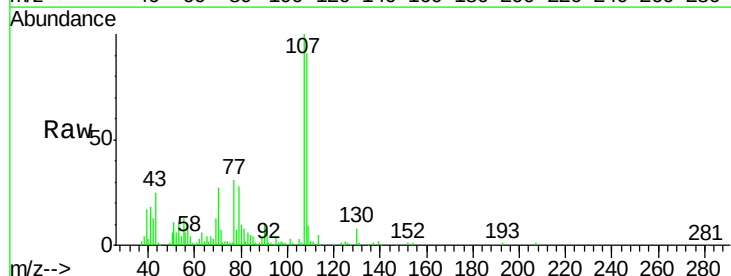
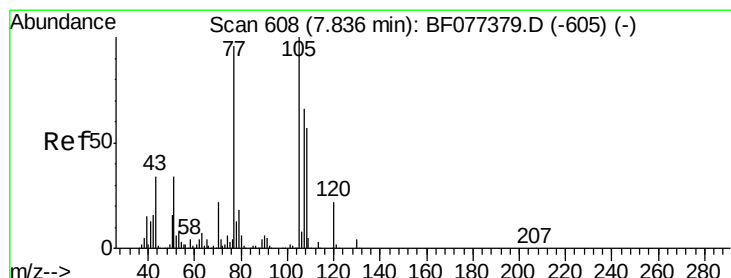
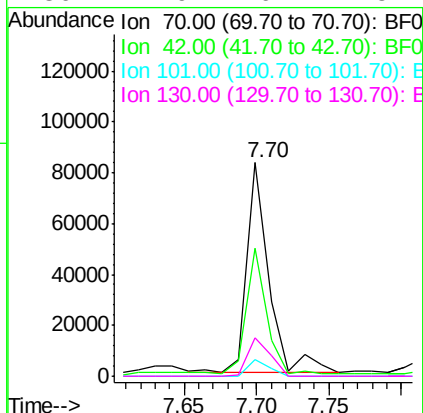




#19
n-Nitroso-di-n-propylamine
Concen: 33.24 ng
RT: 7.70 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

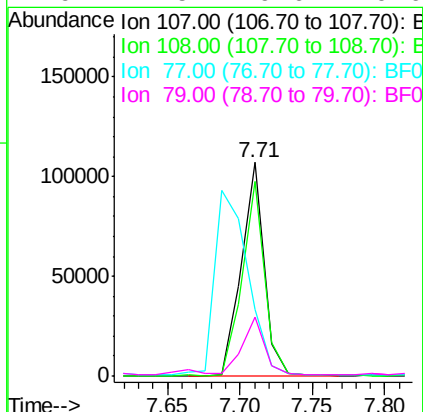
Instrument :
BNA_F
ClientSampleId :
B2(8-9)MS

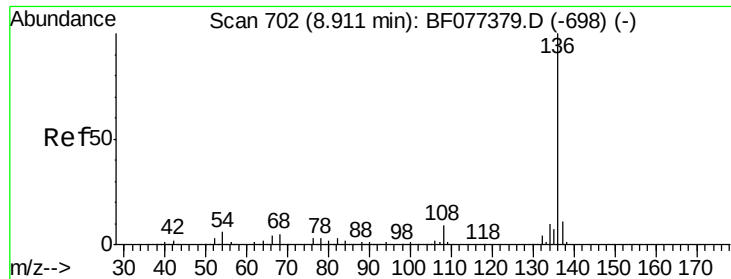
Tgt Ion:	70	Resp:	86525
Ion	Ratio	Lower	Upper
70	100		
42	59.8	48.3	72.5
101	8.1	7.5	11.3
130	17.9	16.7	25.1



#20
3+4-Methylphenols
Concen: 30.55 ng
RT: 7.71 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Tgt Ion:	107	Resp:	118271
Ion	Ratio	Lower	Upper
107	100		
108	91.4	76.8	116.8
77	31.1	65.8	105.8#
79	27.5	9.6	49.6

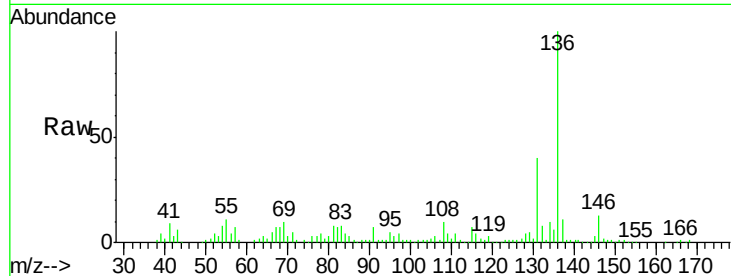




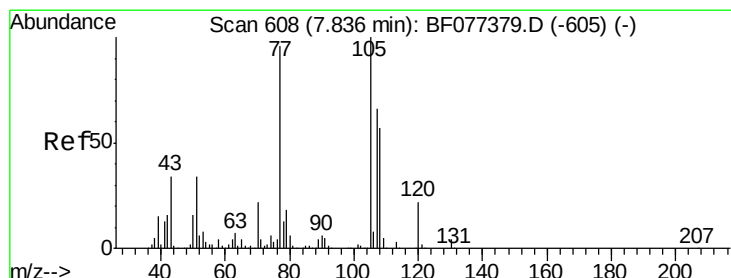
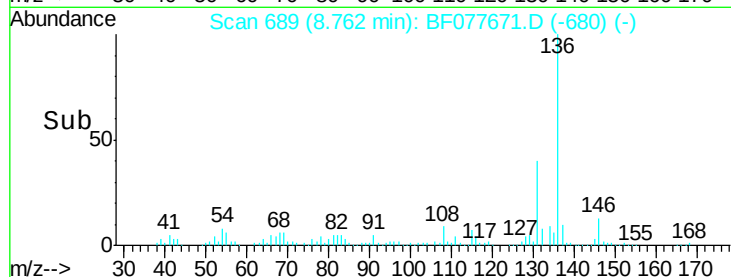
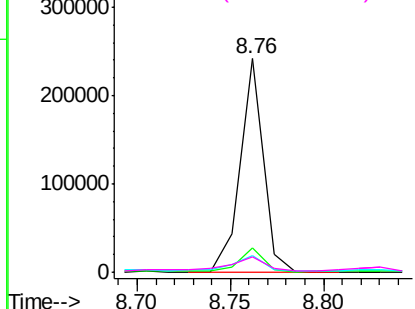
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.76 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Instrument :
BNA_F
ClientSampleId :
B2(8-9)MS

Tgt Ion:	136	Resp:	210309
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	8.0	6.2	9.4
68	7.1	5.0	7.6

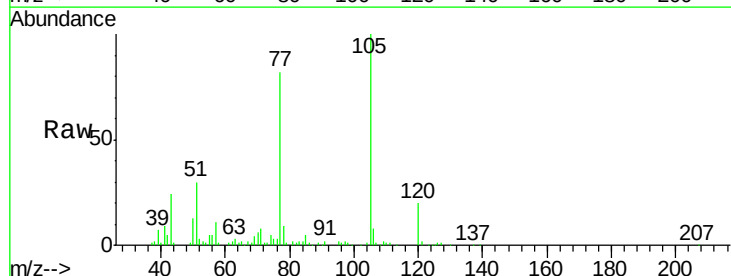


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

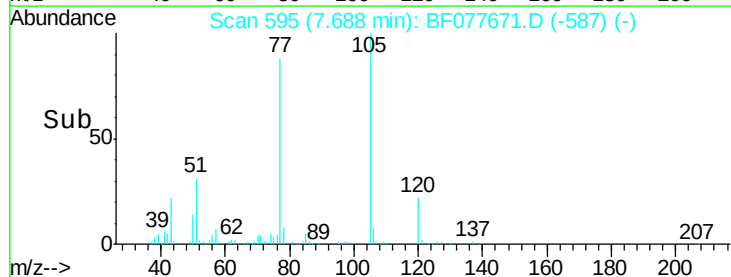
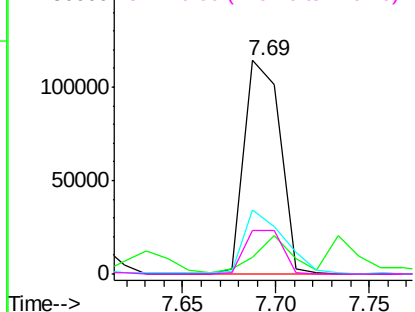


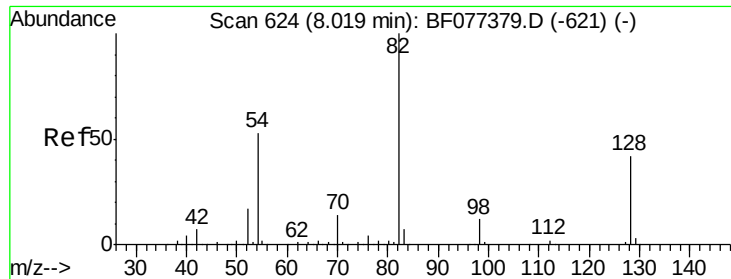
#22
Acetophenone
Concen: 30.68 ng
RT: 7.69 min Scan# 595
Delta R.T. -0.00 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Tgt Ion:	105	Resp:	151782
Ion	Ratio	Lower	Upper
105	100		
71	8.0	1.7	2.5#
51	29.7	30.7	46.1#
120	20.2	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

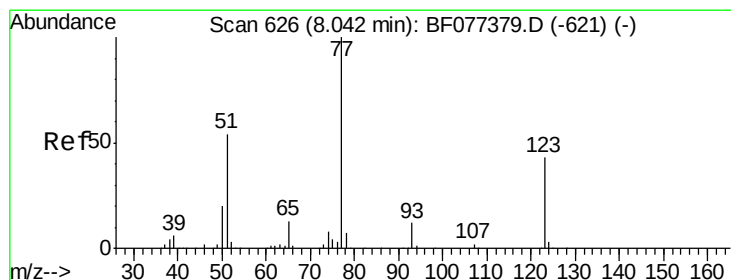
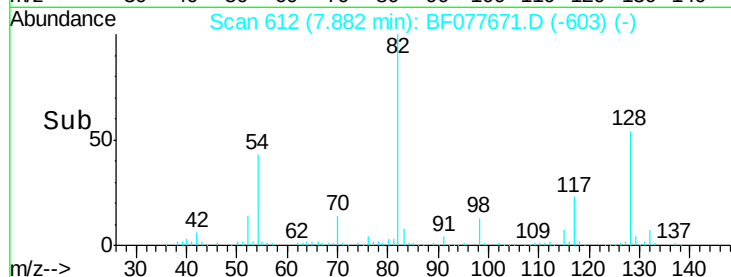
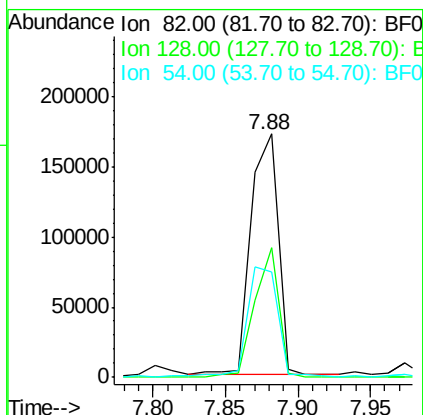
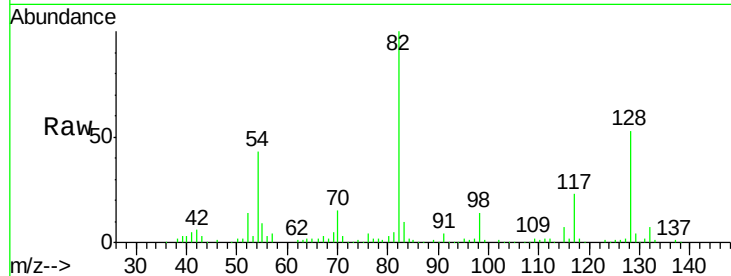




#23
 Nitrobenzene-d5
 Concen: 66.90 ng
 RT: 7.88 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF077671.D
 Acq: 10 Mar 2015 20:03

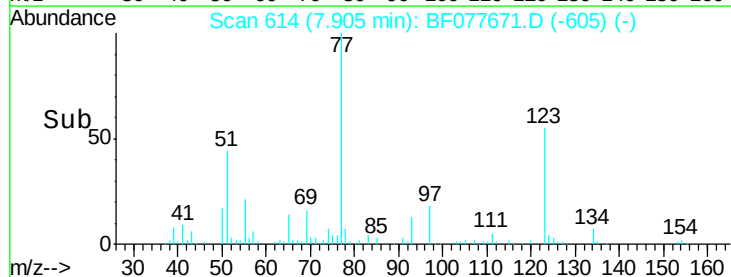
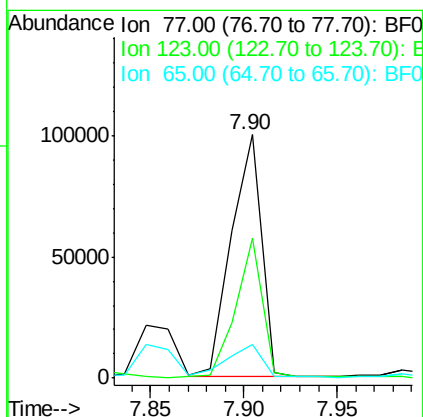
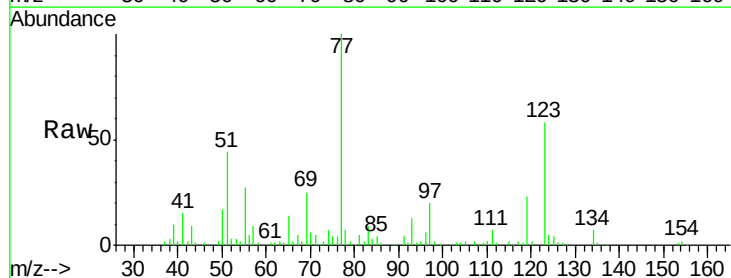
Instrument :
 BNA_F
 ClientSampleId :
 B2(8-9)MS

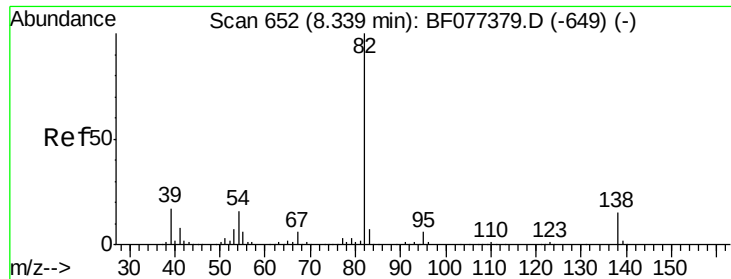
Tgt Ion	Ratio	Lower	Upper
82	100		
128	53.4	43.8	65.8
54	43.2	36.7	55.1



#24
 Nitrobenzene
 Concen: 31.79 ng
 RT: 7.90 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF077671.D
 Acq: 10 Mar 2015 20:03

Tgt Ion	Ratio	Lower	Upper
77	100		
123	57.5	45.9	68.9
65	13.8	9.5	14.3





#25

Isophorone

Concen: 33.04 ng

RT: 8.20 min Scan# 640

Delta R.T. -0.00 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

Instrument :

BNA_F

ClientSampleId :

B2(8-9)MS

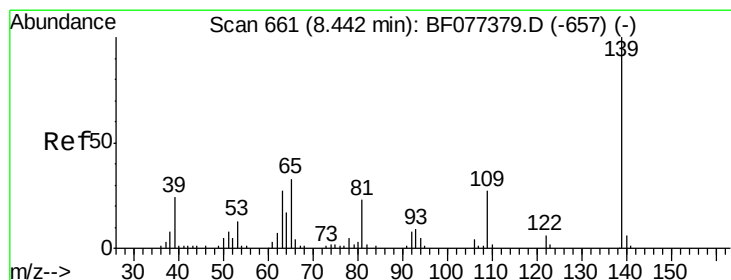
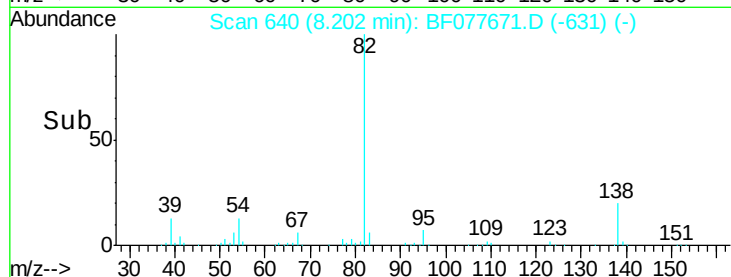
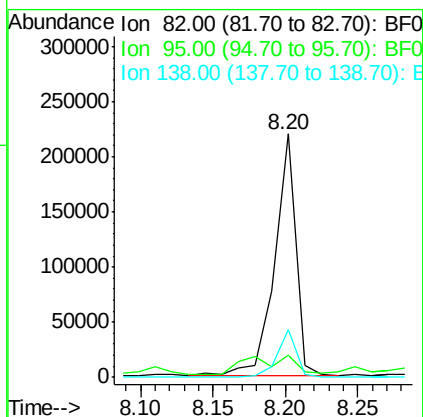
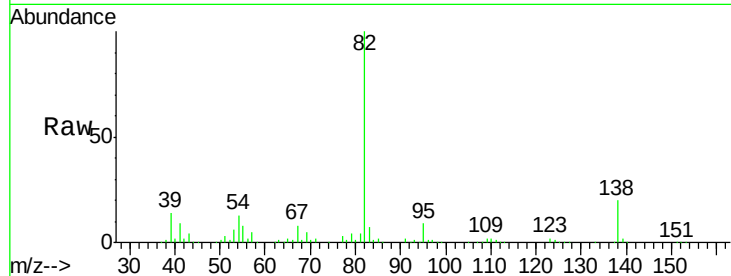
Tgt Ion: 82 Resp: 221711

Ion Ratio Lower Upper

82 100

95 8.9 5.4 8.2#

138 19.8 16.3 24.5



#26

2-Nitrophenol

Concen: 37.48 ng

RT: 8.30 min Scan# 648

Delta R.T. -0.00 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

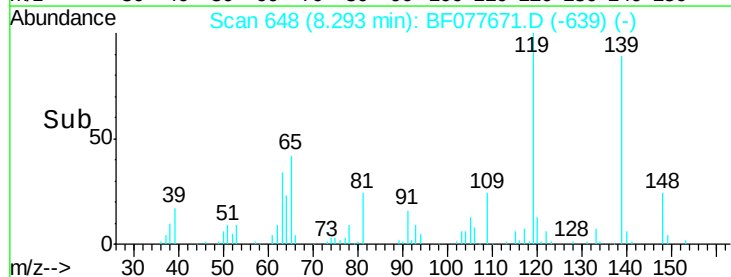
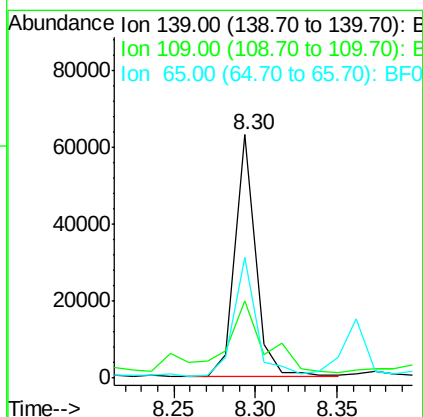
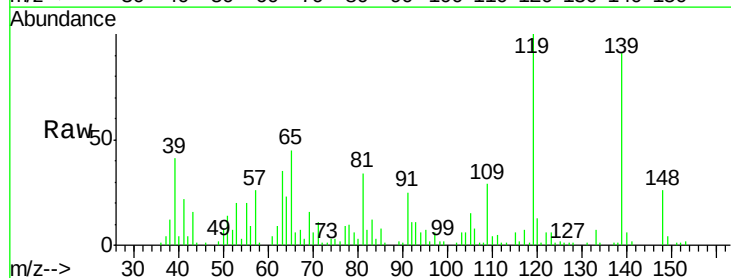
Tgt Ion: 139 Resp: 54657

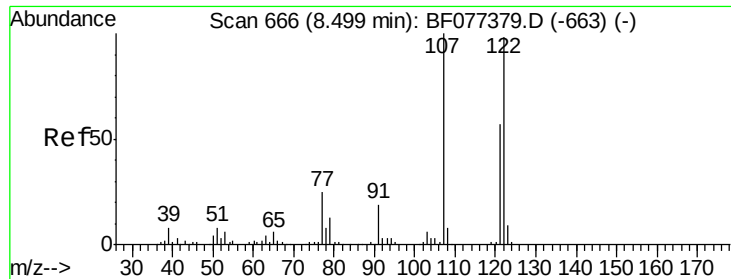
Ion Ratio Lower Upper

139 100

109 31.5 22.6 34.0

65 49.4 36.4 54.6

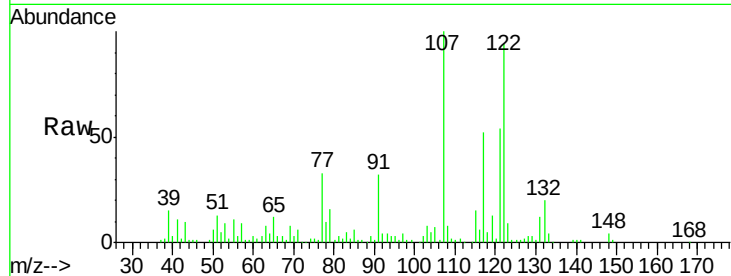




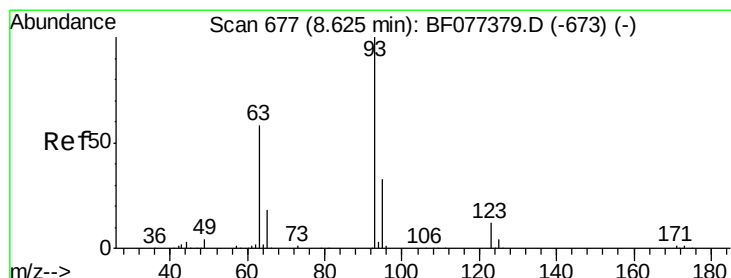
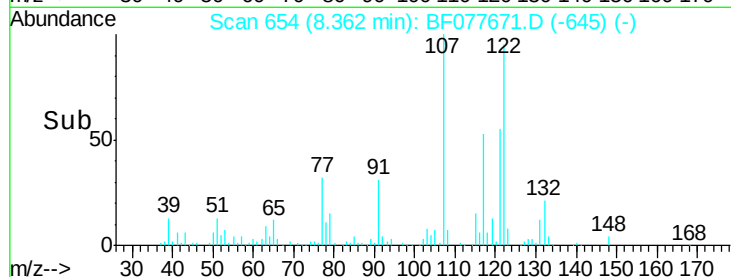
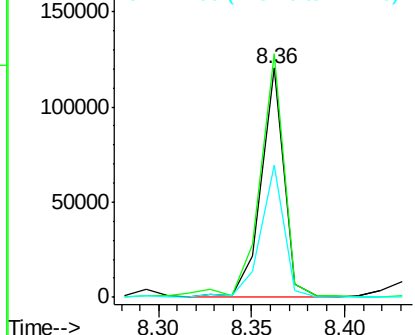
#27
2,4-Dimethylphenol
Concen: 31.31 ng
RT: 8.36 min Scan# 654
Delta R.T. -0.00 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Instrument :
BNA_F
ClientSampleId :
B2(8-9)MS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	106.1	86.6	130.0
121	57.6	47.4	71.0

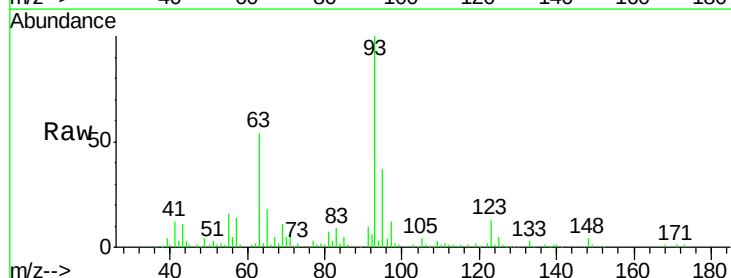


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

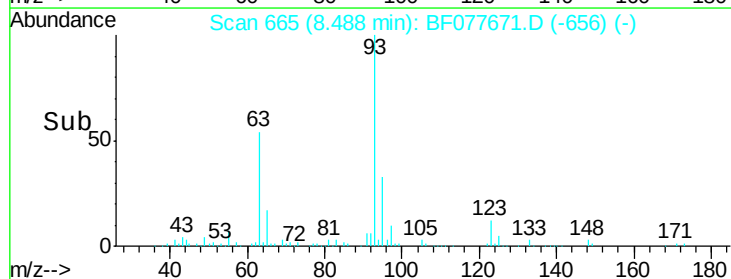
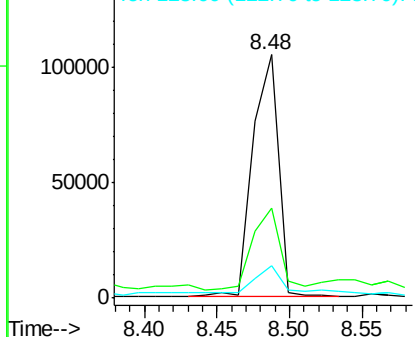


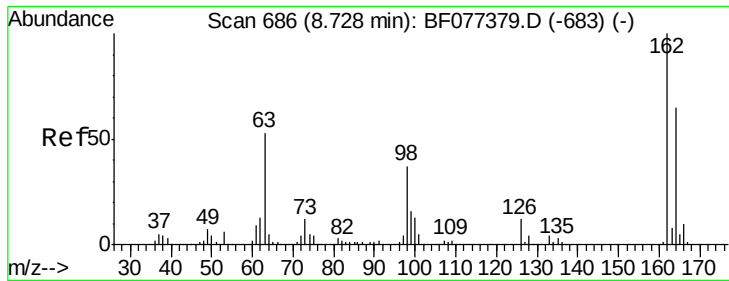
#28
bis(2-Chloroethoxy)methane
Concen: 30.53 ng
RT: 8.48 min Scan# 665
Delta R.T. -0.00 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	36.8	26.4	39.6
123	13.4	8.7	13.1#



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

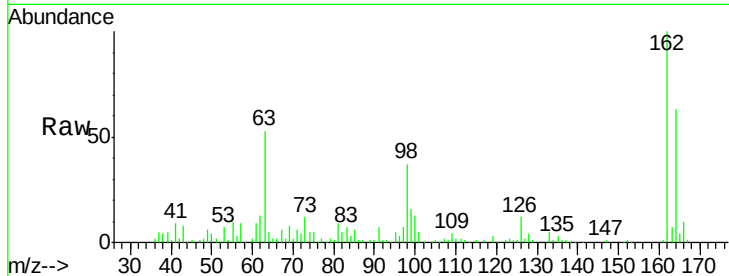




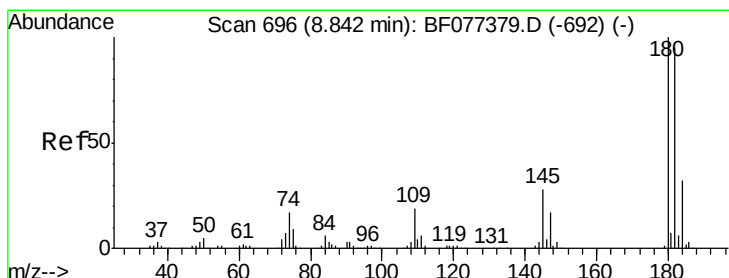
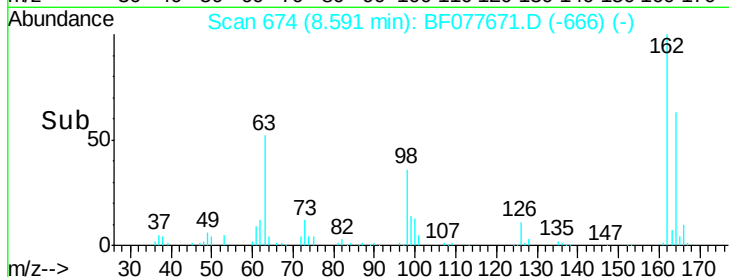
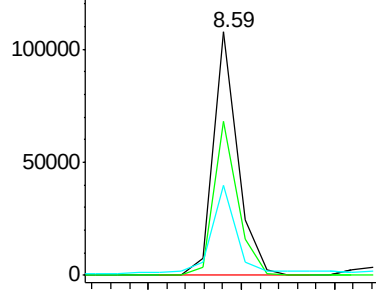
#29
 2,4-Dichlorophenol
 Concen: 32.01 ng
 RT: 8.59 min Scan# 674
 Delta R.T. -0.00 min
 Lab File: BF077671.D
 Acq: 10 Mar 2015 20:03

Instrument :
 BNA_F
 ClientSampleId :
 B2(8-9)MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.1	46.4	86.4
98	37.2	6.9	46.9

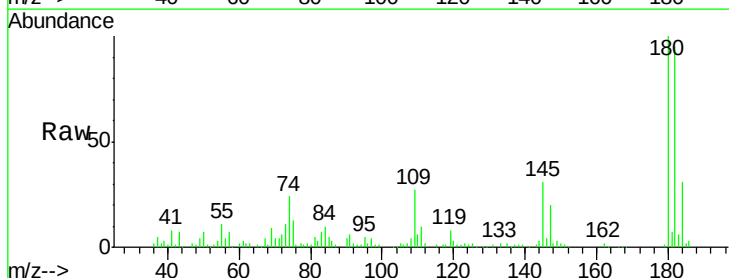


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

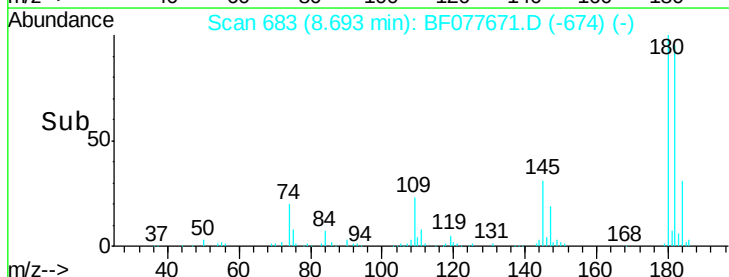
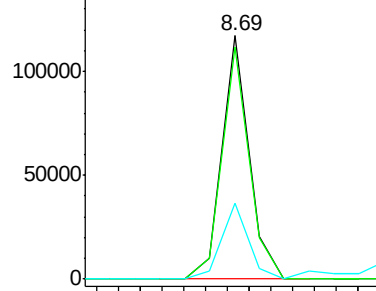


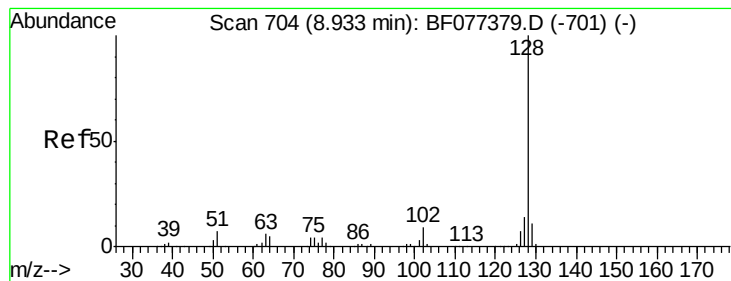
#30
 1,2,4-Trichlorobenzene
 Concen: 30.17 ng
 RT: 8.69 min Scan# 683
 Delta R.T. -0.00 min
 Lab File: BF077671.D
 Acq: 10 Mar 2015 20:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.2	114.4
145	31.0	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: 33.39 ng

RT: 8.79 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

Instrument :

BNA_F

ClientSampleId :

B2(8-9)MS

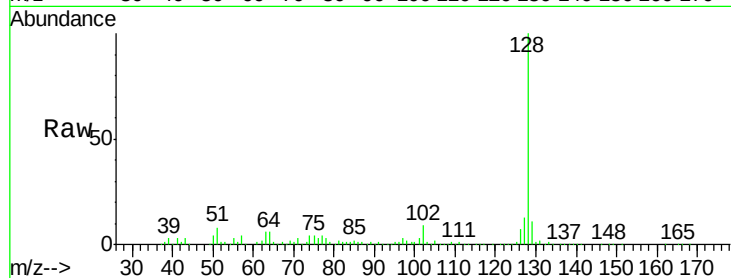
Tgt Ion:128 Resp: 351204

Ion Ratio Lower Upper

128 100

129 11.3 9.4 14.0

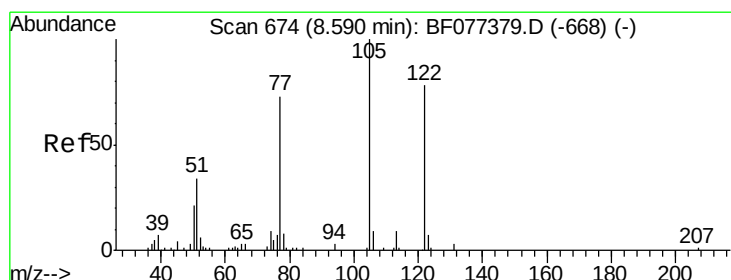
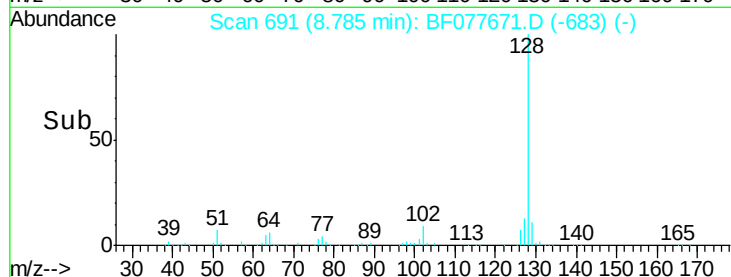
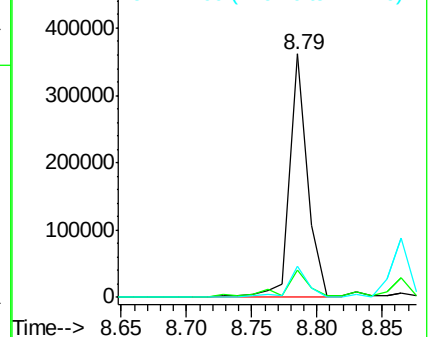
127 12.9 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 16.51 ng

RT: 8.45 min Scan# 661

Delta R.T. -0.02 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

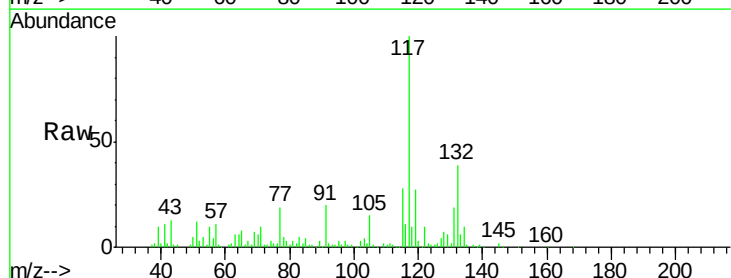
Tgt Ion:122 Resp: 26178

Ion Ratio Lower Upper

122 100

105 143.8 100.3 140.3#

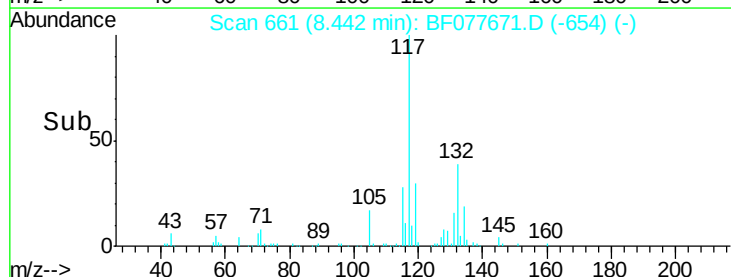
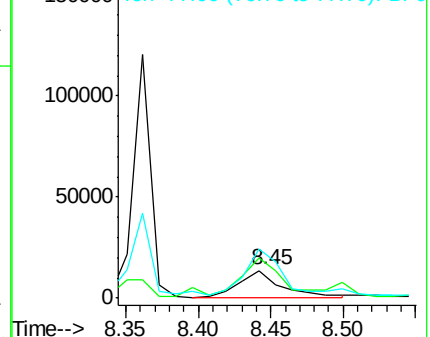
77 179.4 68.7 108.7#

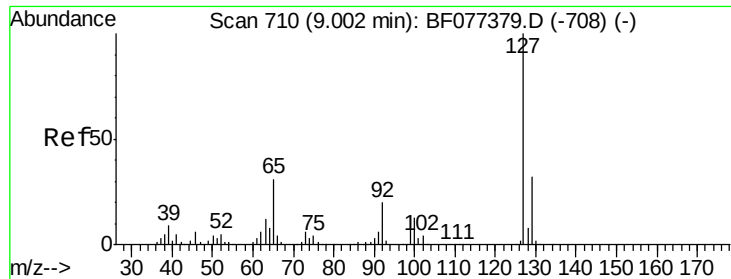


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

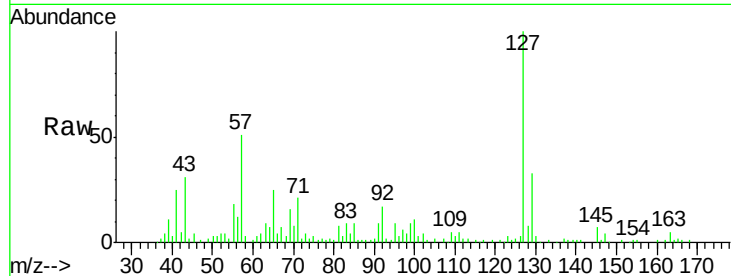




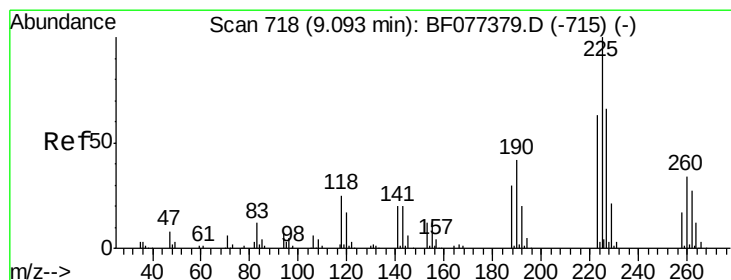
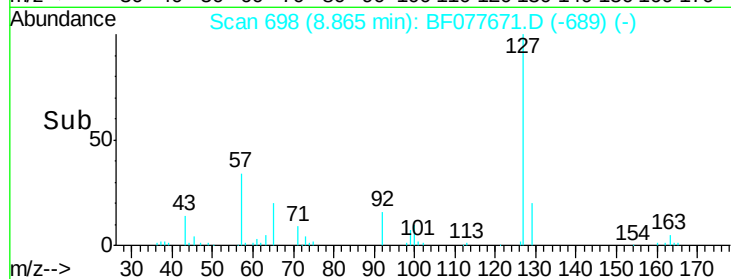
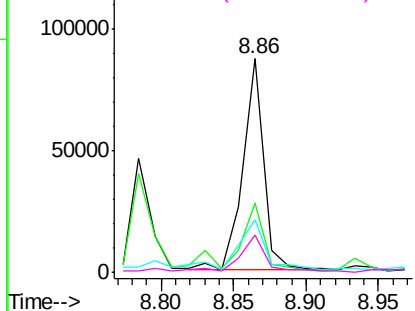
#33
4-Chloroaniline
Concen: 18.38 ng
RT: 8.86 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Instrument :
BNA_F
ClientSampleId :
B2(8-9)MS

Tgt Ion:	127	Resp:	85949
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.9	40.3
65	24.9	16.7	25.1
92	17.5	12.5	18.7

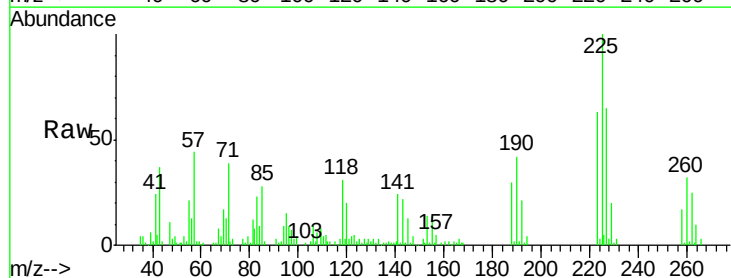


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

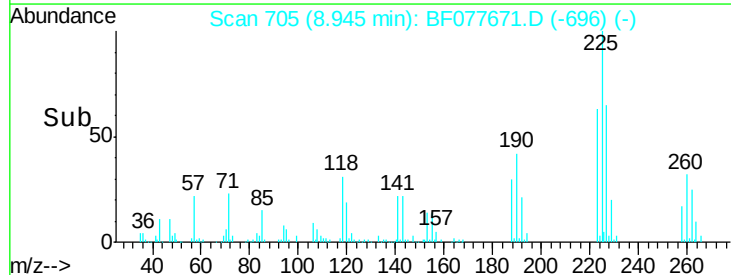
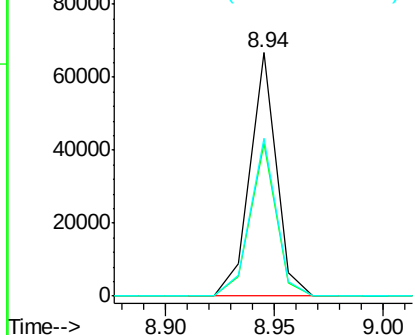


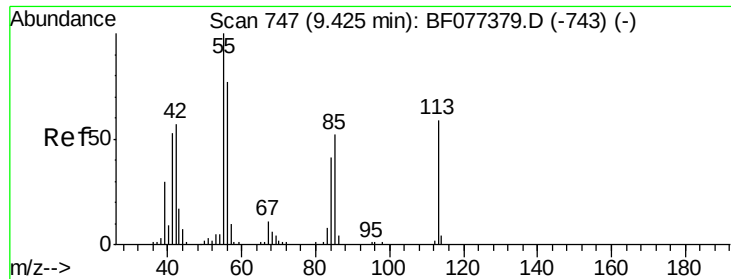
#34
Hexachlorobutadiene
Concen: 29.32 ng
RT: 8.94 min Scan# 705
Delta R.T. -0.00 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Tgt Ion:	225	Resp:	56367
Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.5	74.3
227	65.0	50.5	75.7



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

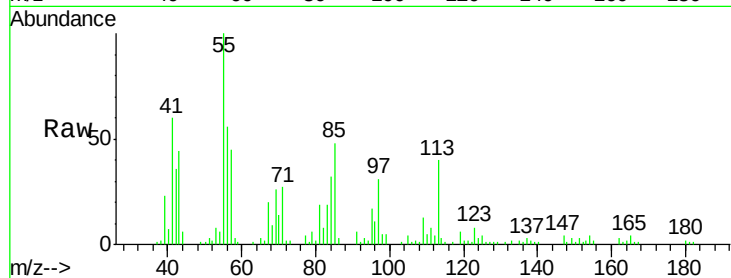




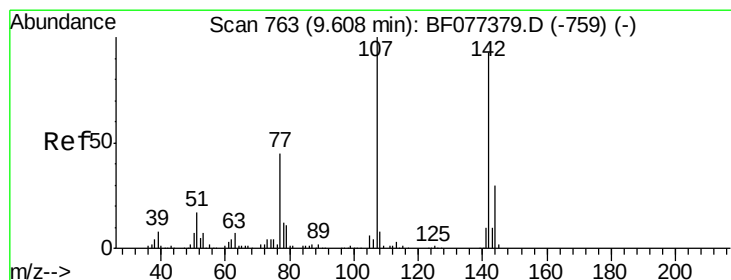
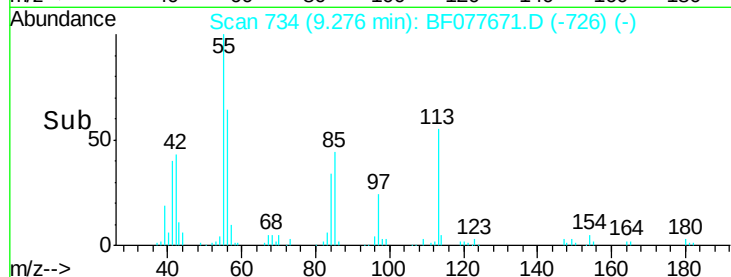
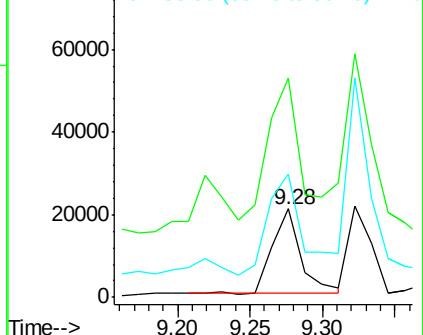
#35
 Caprolactam
 Concen: 30.00 ng
 RT: 9.28 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF077671.D
 Acq: 10 Mar 2015 20:03

Instrument :
 BNA_F
 ClientSampleId :
 B2(8-9)MS

Tgt Ion:113 Resp: 28049
 Ion Ratio Lower Upper
 113 100
 55 247.6 154.6 194.6#
 56 138.5 114.0 154.0

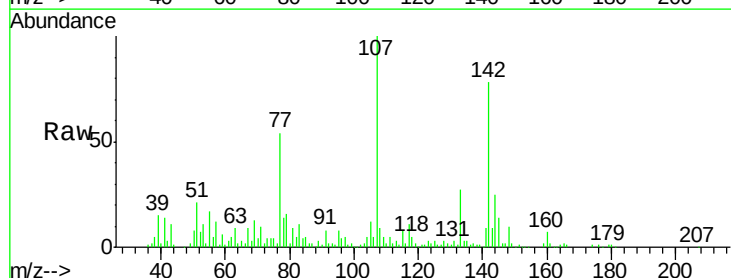


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

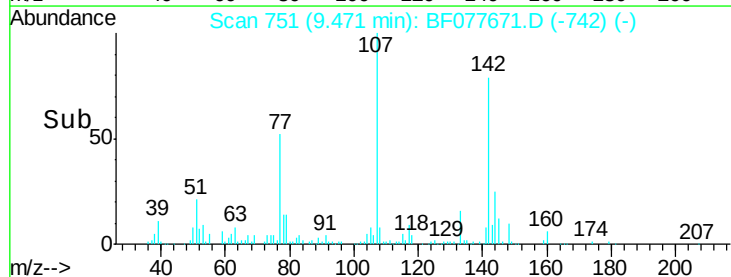
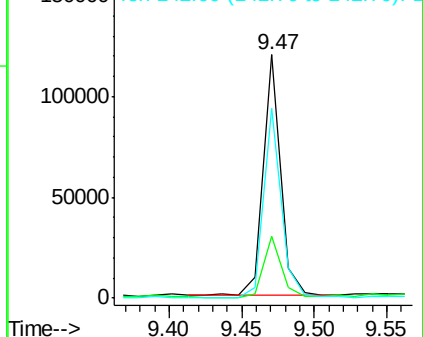


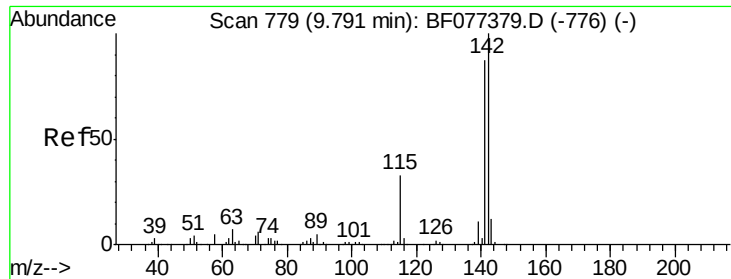
#36
 4-Chloro-3-methylphenol
 Concen: 32.26 ng
 RT: 9.47 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF077671.D
 Acq: 10 Mar 2015 20:03

Tgt Ion:107 Resp: 99332
 Ion Ratio Lower Upper
 107 100
 144 25.5 21.1 31.7
 142 77.9 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

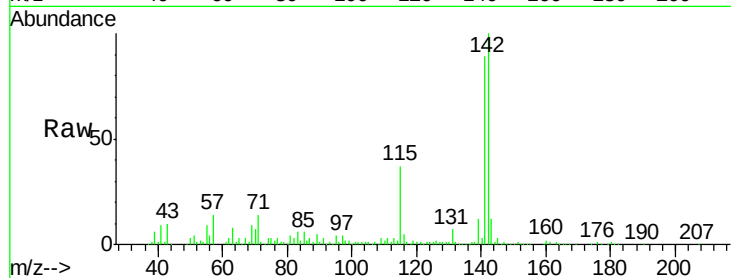




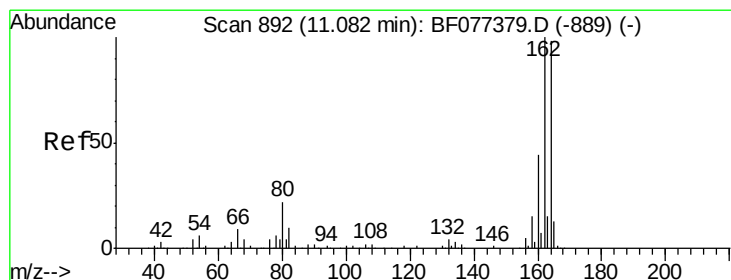
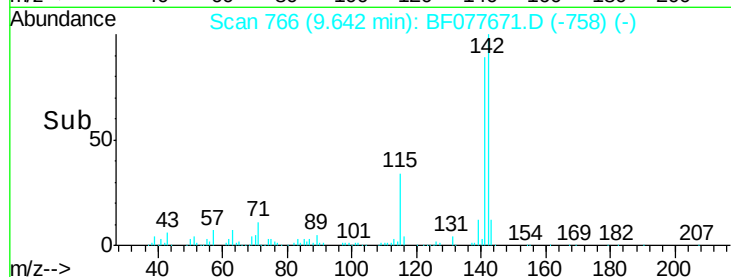
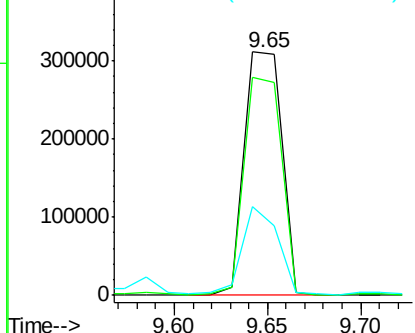
#37
 2-Methylnaphthalene
 Concen: 58.31 ng
 RT: 9.65 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: BF077671.D
 Acq: 10 Mar 2015 20:03

Instrument :
 BNA_F
 ClientSampleId :
 B2(8-9)MS

Tgt Ion:142 Resp: 435496
 Ion Ratio Lower Upper
 142 100
 141 89.5 70.7 106.1
 115 36.5 24.2 36.4#

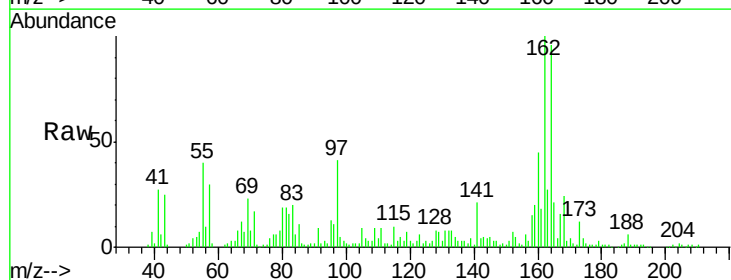


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

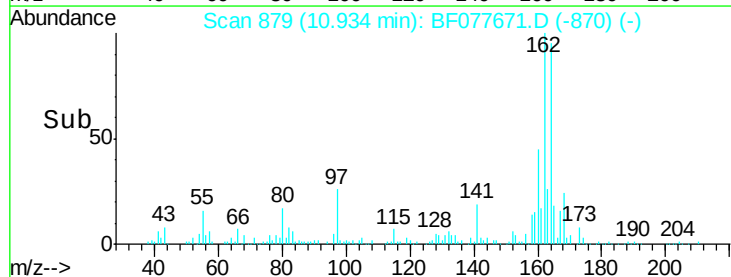
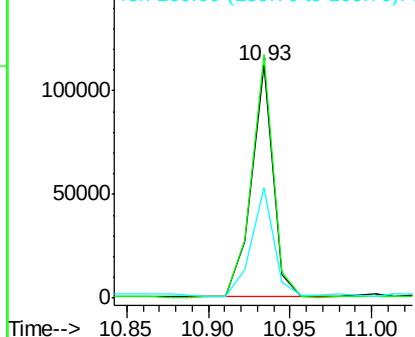


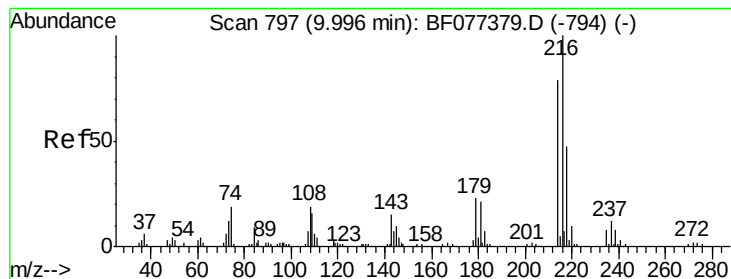
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.93 min Scan# 879
 Delta R.T. -0.00 min
 Lab File: BF077671.D
 Acq: 10 Mar 2015 20:03

Tgt Ion:164 Resp: 103117
 Ion Ratio Lower Upper
 164 100
 162 104.4 83.2 124.8
 160 47.2 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: 32.17 ng

RT: 9.85 min Scan# 784

Delta R.T. -0.00 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

Instrument :

BNA_F

ClientSampled :

B2(8-9)MS

Tgt Ion:216 Resp: 95174

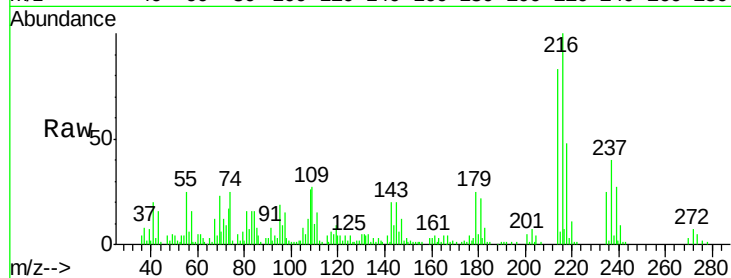
Ion Ratio Lower Upper

216 100

214 79.0 63.4 95.0

179 24.7 16.6 25.0

108 22.2 14.2 21.4#

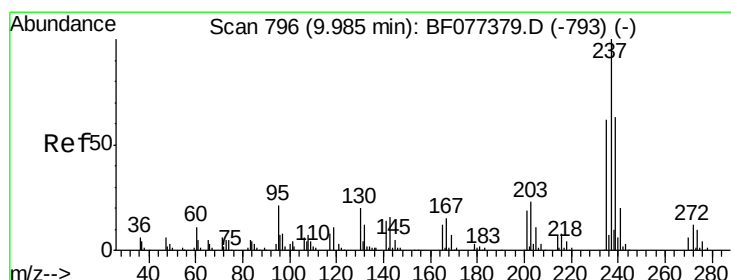
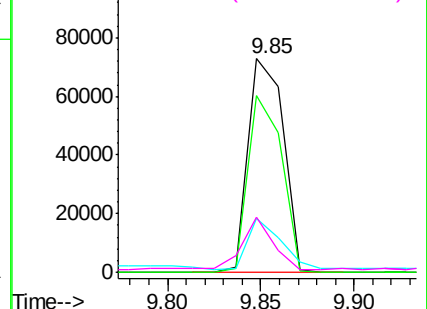
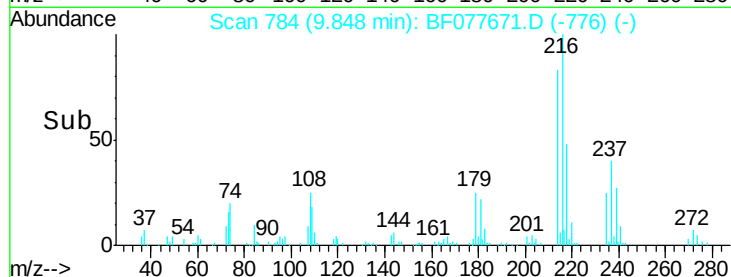


Abundance Ion 216.00 (215.70 to 216.70): E

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: 52.11 ng

RT: 9.84 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

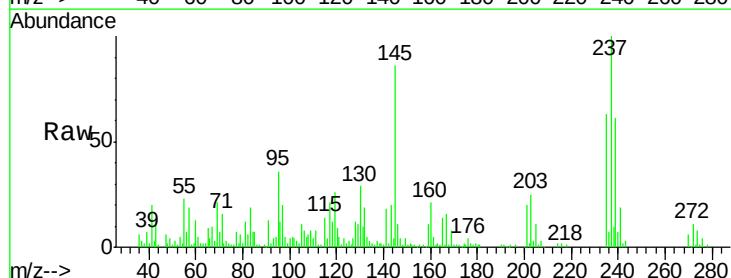
Tgt Ion:237 Resp: 82666

Ion Ratio Lower Upper

237 100

235 63.2 41.0 81.0

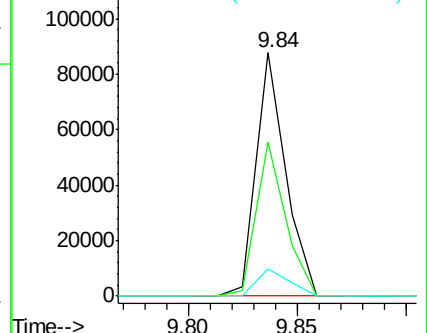
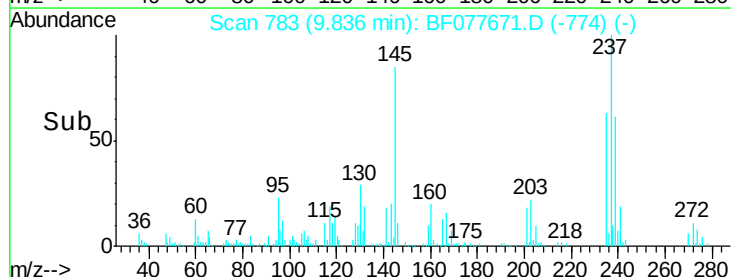
272 11.2 0.0 34.3

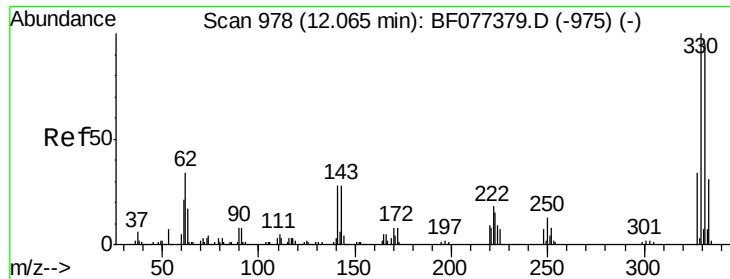


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

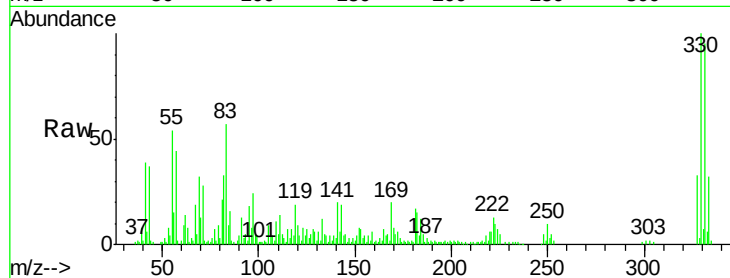




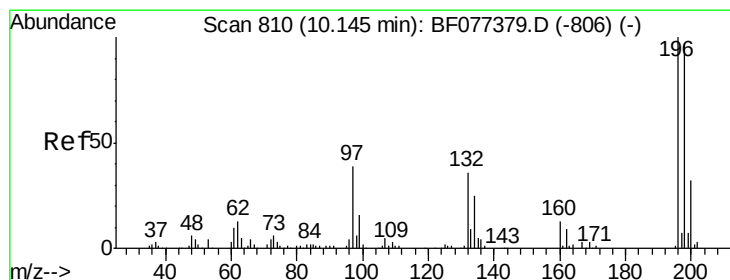
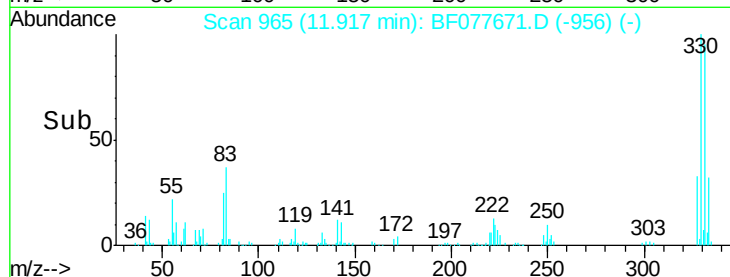
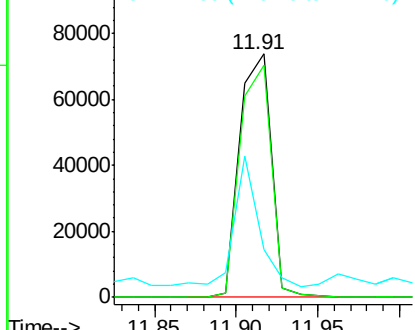
#41
 2,4,6-Tribromophenol
 Concen: 99.56 ng
 RT: 11.91 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: BF077671.D
 Acq: 10 Mar 2015 20:03

Instrument :
 BNA_F
 ClientSampleId :
 B2(8-9)MS

Tgt Ion:330 Resp: 98852
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.4 116.2
 141 41.5 28.8 43.2

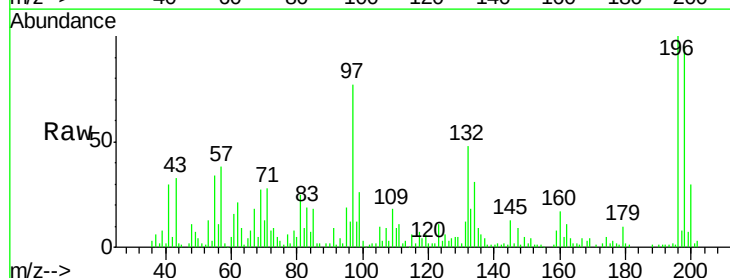


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

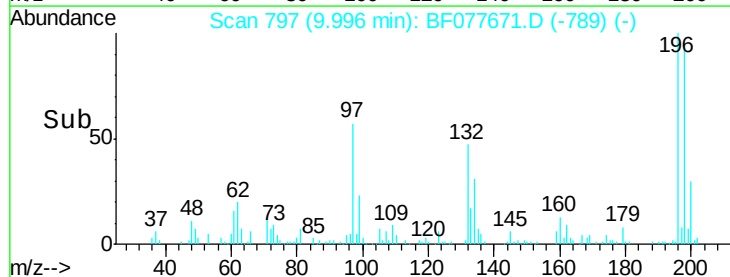
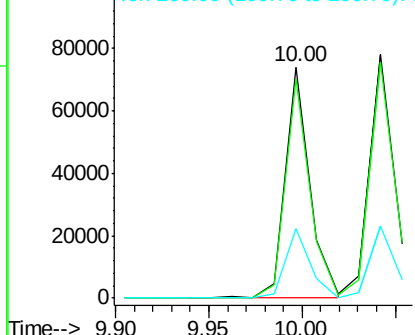


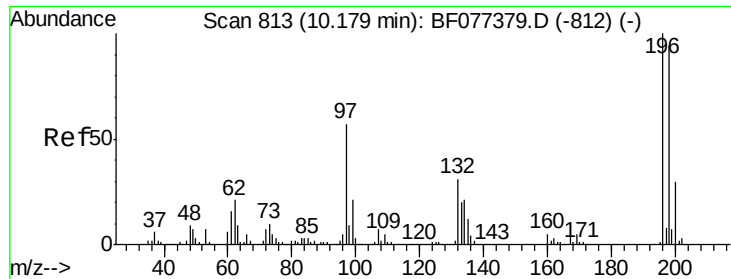
#42
 2,4,6-Trichlorophenol
 Concen: 34.78 ng
 RT: 10.00 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF077671.D
 Acq: 10 Mar 2015 20:03

Tgt Ion:196 Resp: 68144
 Ion Ratio Lower Upper
 196 100
 198 95.1 75.8 113.8
 200 29.9 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

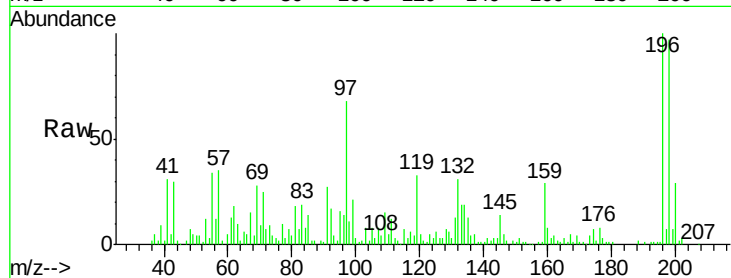




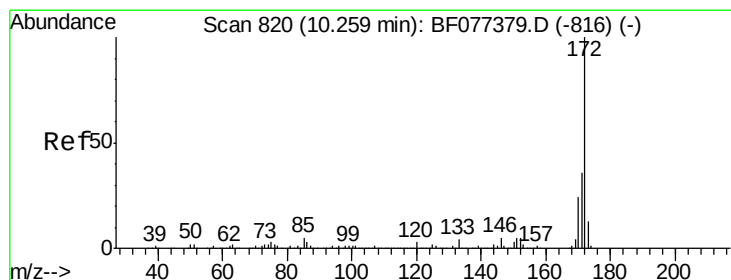
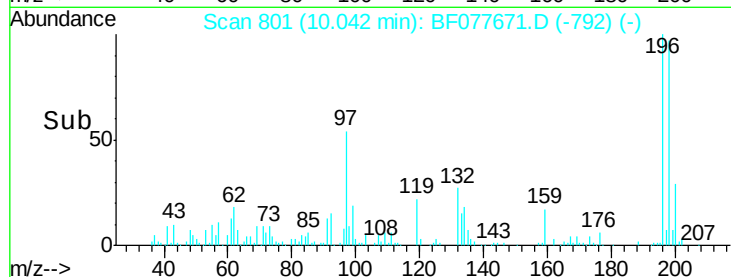
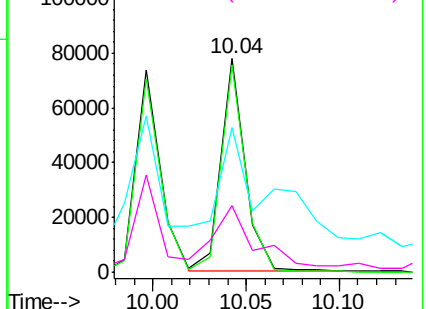
#43
2,4,5-Trichlorophenol
Concen: 33.98 ng
RT: 10.04 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Instrument :
BNA_F
ClientSampleId :
B2(8-9)MS

Tgt Ion:196 Resp: 71199
Ion Ratio Lower Upper
196 100
198 96.9 77.2 115.8
97 67.7 27.7 41.5#
132 31.2 18.0 27.0#

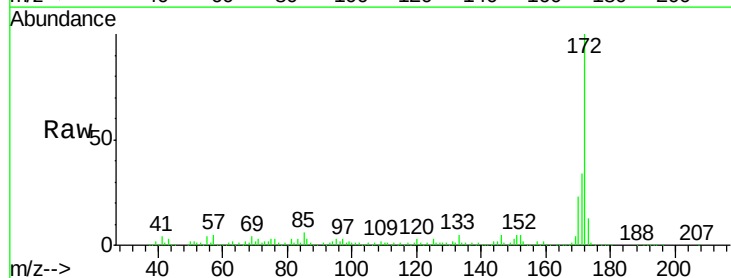


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

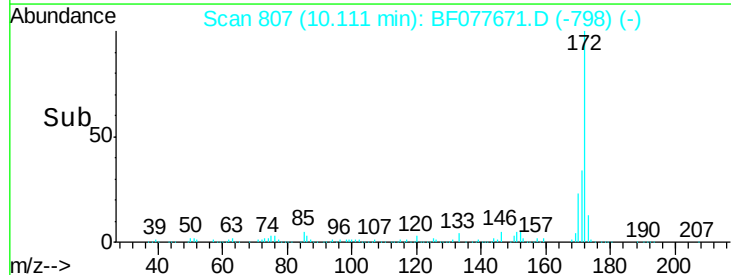
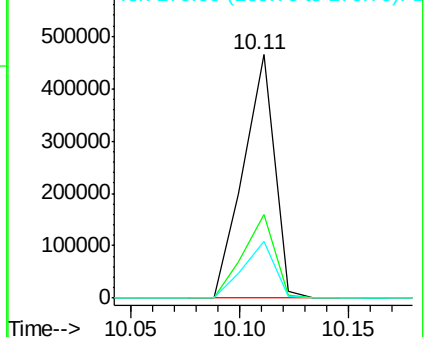


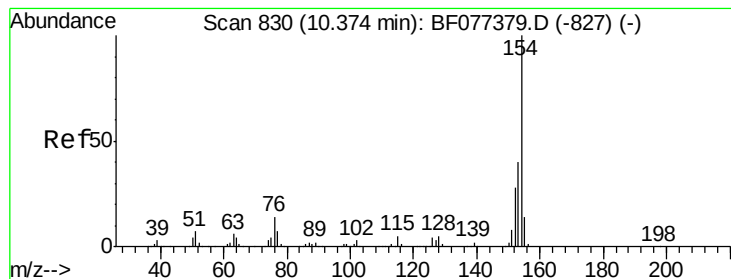
#44
2-Fluorobiphenyl
Concen: 70.35 ng
RT: 10.11 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Tgt Ion:172 Resp: 465263
Ion Ratio Lower Upper
172 100
171 34.4 28.9 43.3
170 23.3 19.4 29.2



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 32.65 ng

RT: 10.23 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

Instrument :

BNA_F

ClientSampleId :

B2(8-9)MS

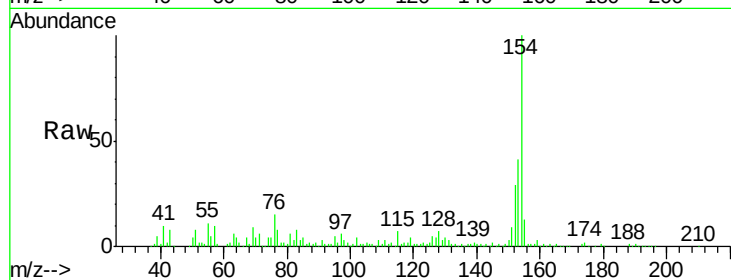
Tgt Ion:154 Resp: 255080

Ion Ratio Lower Upper

154 100

153 40.5 20.2 60.2

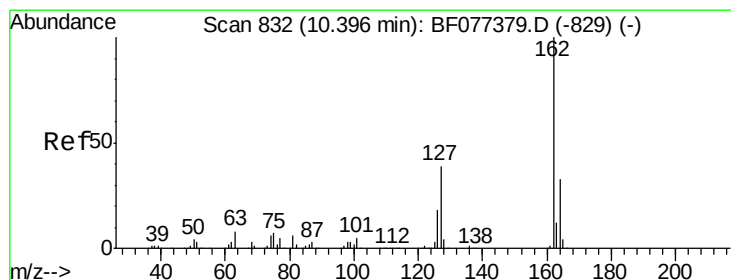
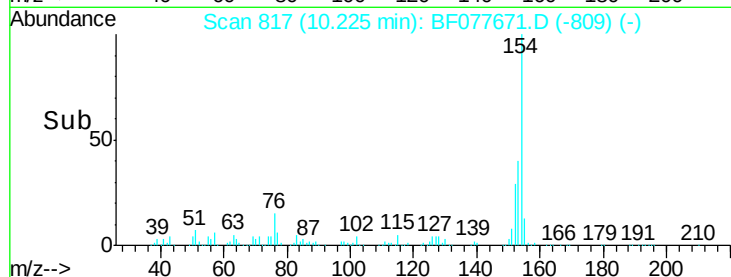
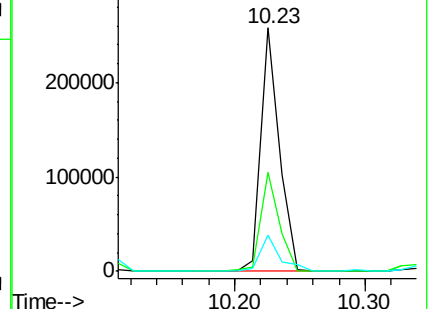
76 15.1 0.0 29.4



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: 34.30 ng

RT: 10.25 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

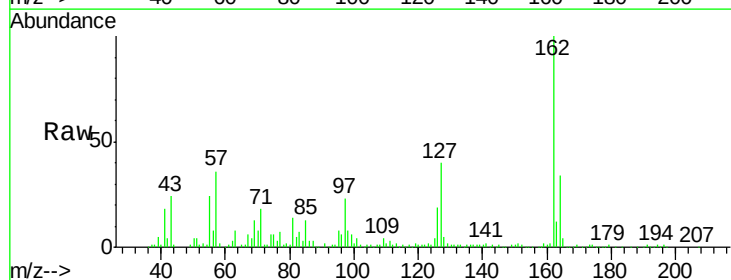
Tgt Ion:162 Resp: 210178

Ion Ratio Lower Upper

162 100

127 39.5 33.3 49.9

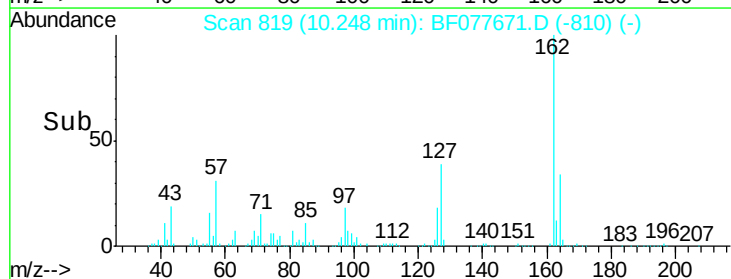
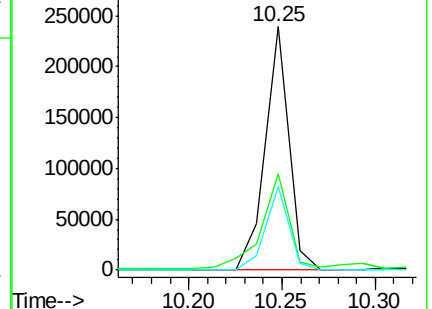
164 34.1 26.2 39.4

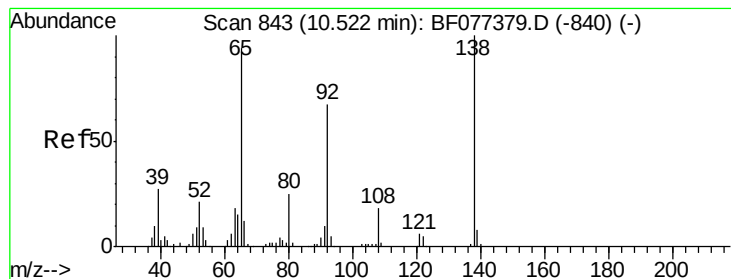


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 36.22 ng

RT: 10.38 min Scan# 830

Delta R.T. -0.00 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

Instrument :

BNA_F

ClientSampleId :

B2(8-9)MS

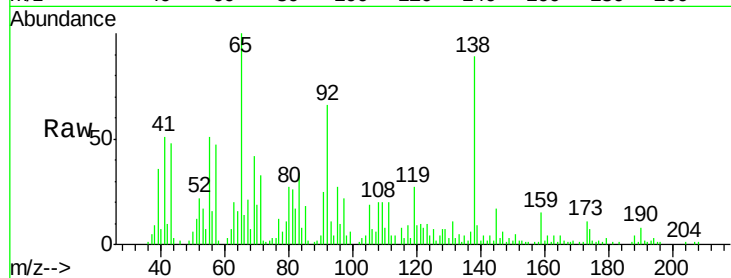
Tgt Ion: 65 Resp: 54620

Ion Ratio Lower Upper

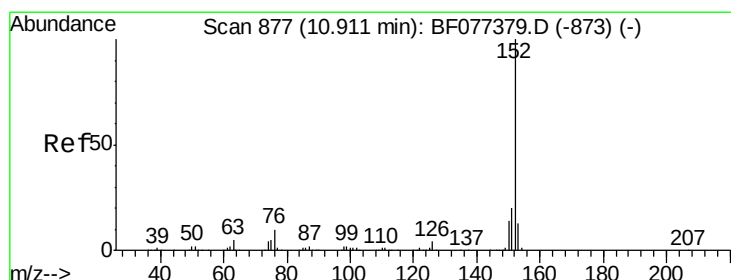
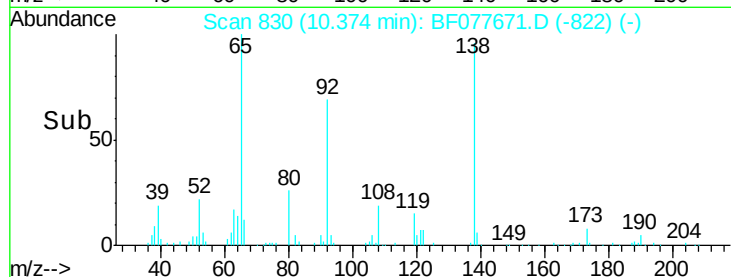
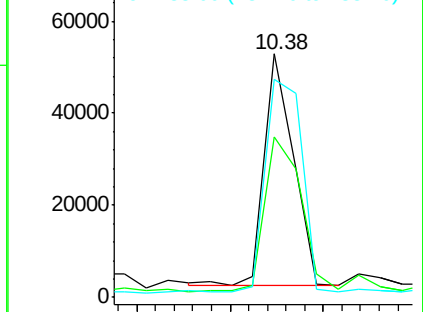
65 100

92 66.1 52.4 78.6

138 89.3 73.4 110.0



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



#48

Acenaphthylene

Concen: 35.24 ng

RT: 10.76 min Scan# 864

Delta R.T. -0.00 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

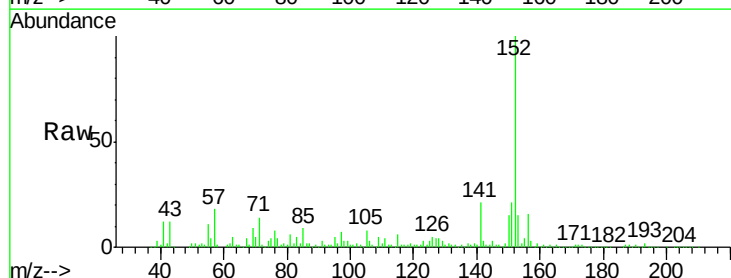
Tgt Ion: 152 Resp: 341790

Ion Ratio Lower Upper

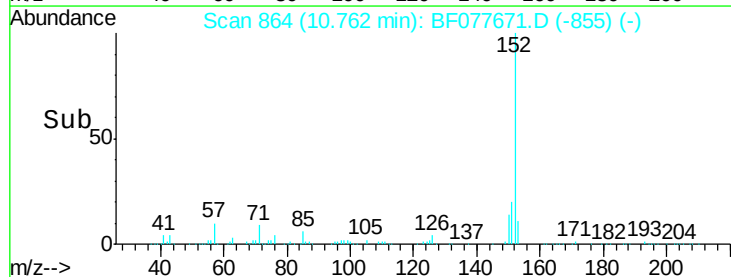
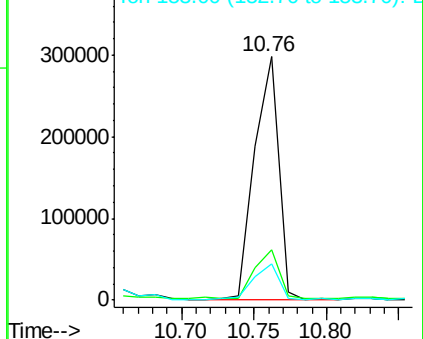
152 100

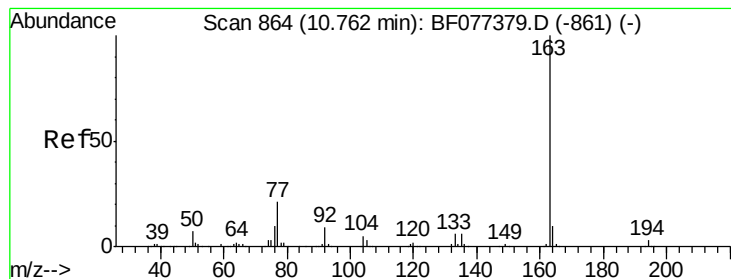
151 20.8 16.1 24.1

153 15.1 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: 37.89 ng

RT: 10.62 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

Instrument :

BNA_F

ClientSampleId :

B2(8-9)MS

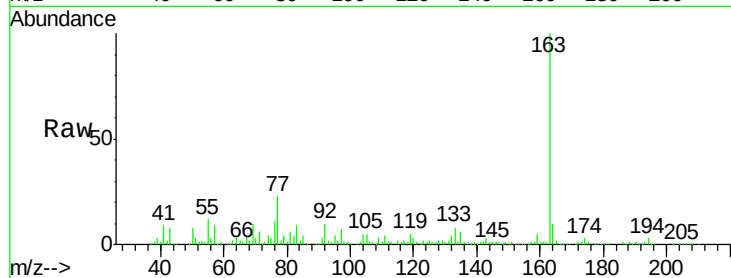
Tgt Ion:163 Resp: 274658

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

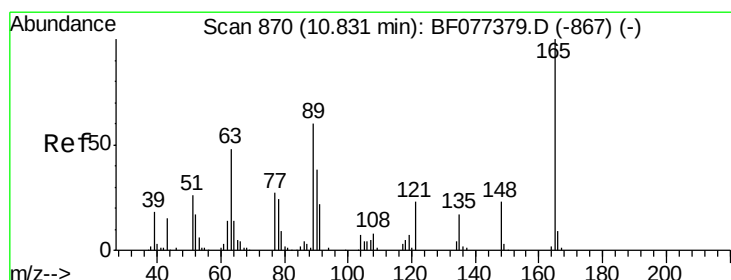
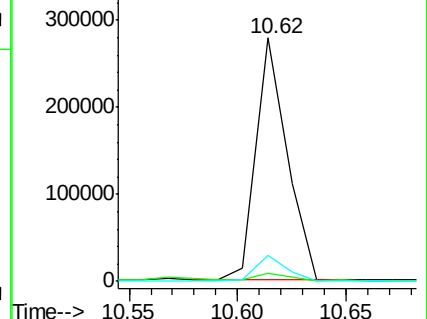
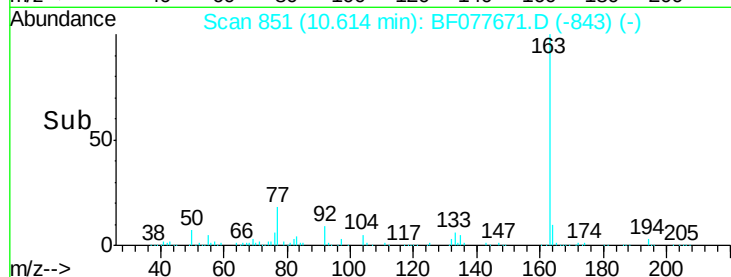
164 10.5 8.6 13.0



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: 35.70 ng

RT: 10.69 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

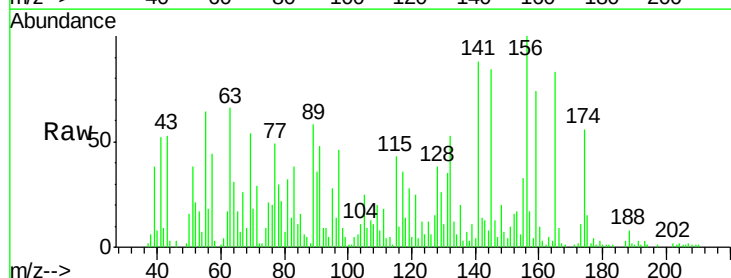
Tgt Ion:165 Resp: 51895

Ion Ratio Lower Upper

165 100

63 79.4 25.2 37.8#

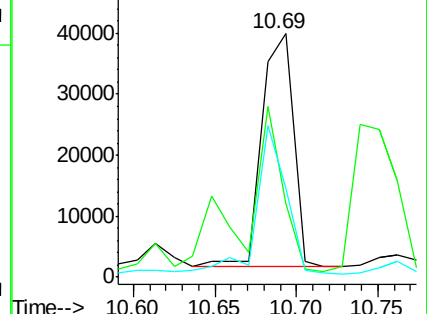
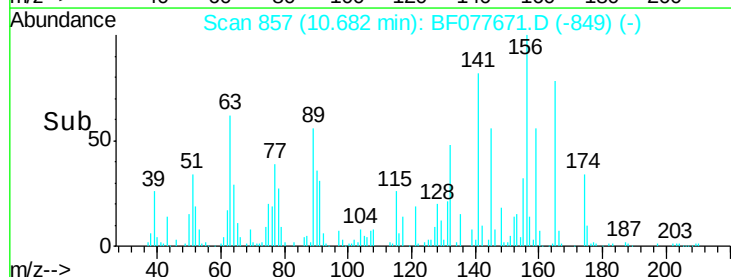
89 70.3 30.5 45.7#

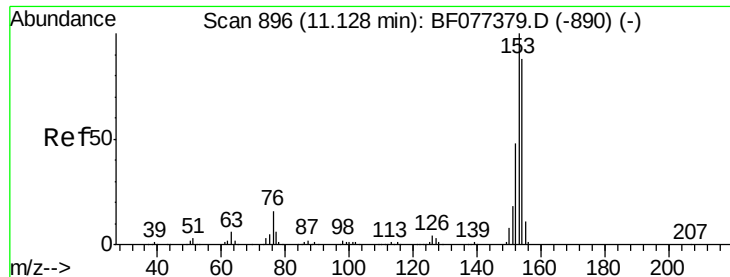


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 34.80 ng

RT: 10.97 min Scan# 882

Delta R.T. -0.00 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

Instrument :

BNA_F

ClientSampleId :

B2(8-9)MS

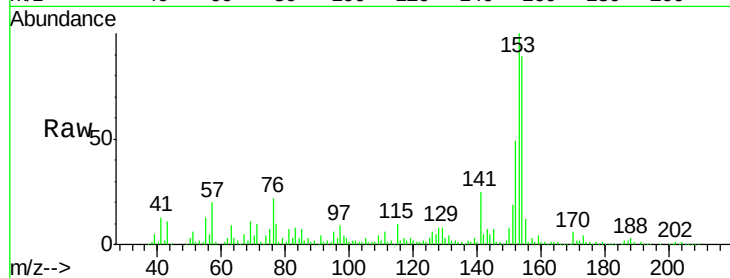
Tgt Ion:154 Resp: 201408

Ion Ratio Lower Upper

154 100

153 112.7 90.5 135.7

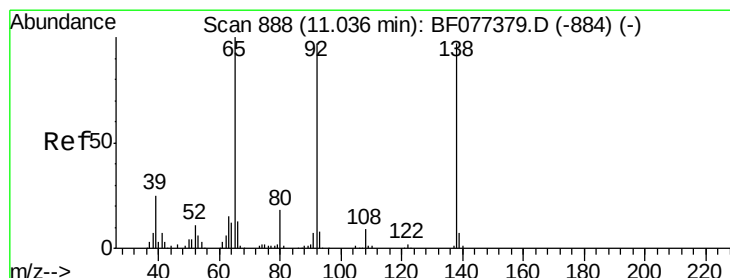
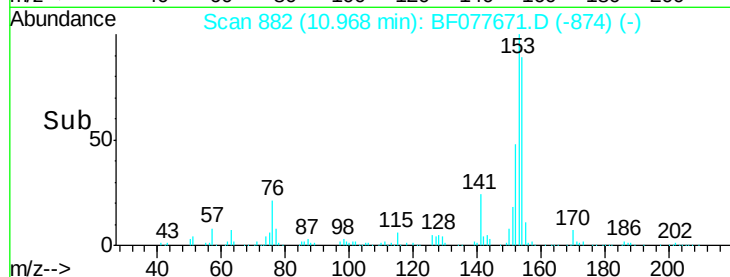
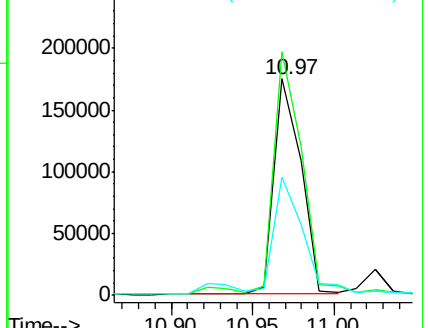
152 54.9 43.5 65.3



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: 34.52 ng

RT: 10.89 min Scan# 875

Delta R.T. -0.00 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

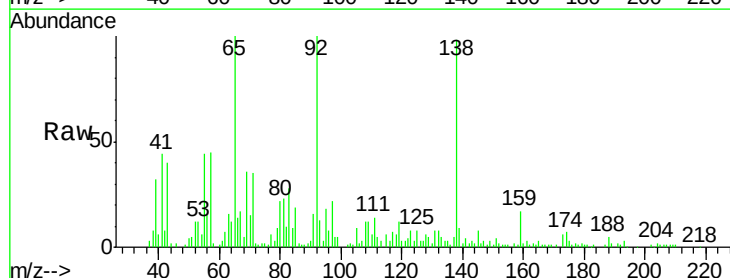
Tgt Ion:138 Resp: 57859

Ion Ratio Lower Upper

138 100

108 12.0 7.8 11.8#

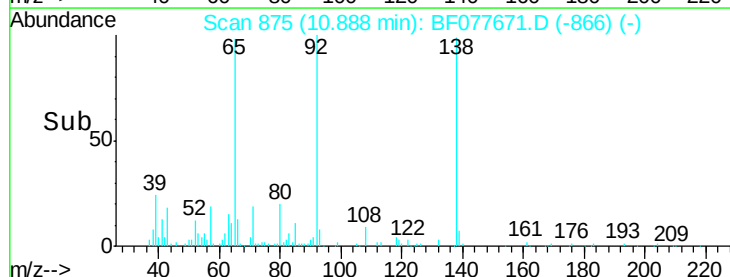
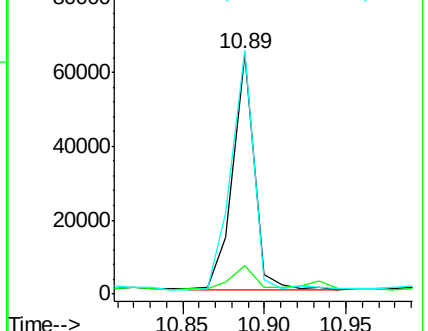
92 101.5 90.6 135.8

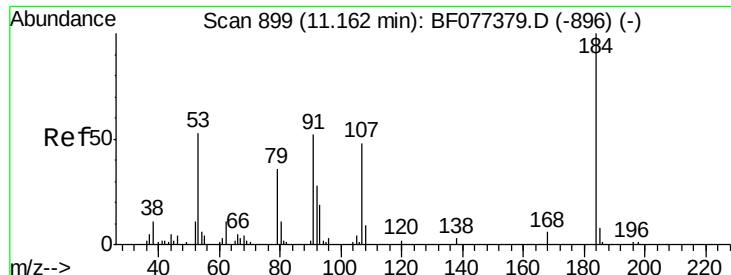


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

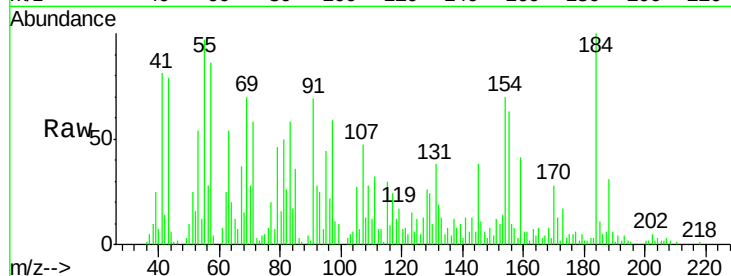




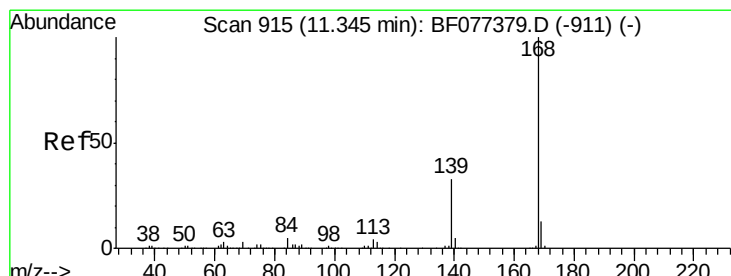
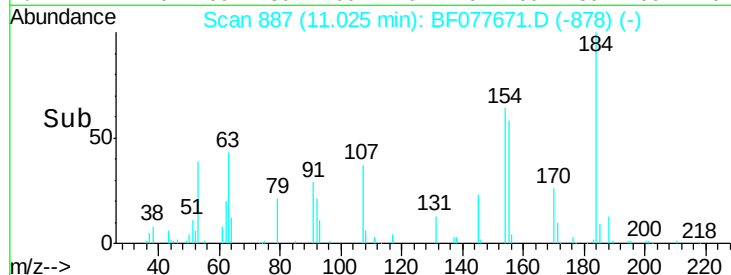
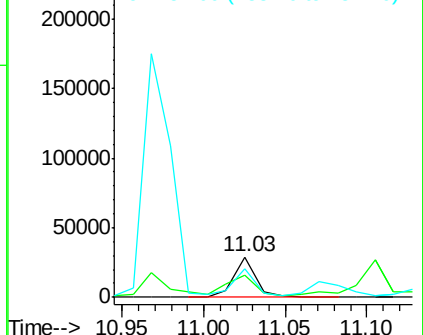
#53
2,4-Dinitrophenol
Concen: 61.62 ng
RT: 11.03 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Instrument :
BNA_F
ClientSampleId :
B2(8-9)MS

Tgt Ion:184 Resp: 27254
Ion Ratio Lower Upper
184 100
63 54.3 29.5 44.3#
154 70.3 43.2 64.8#

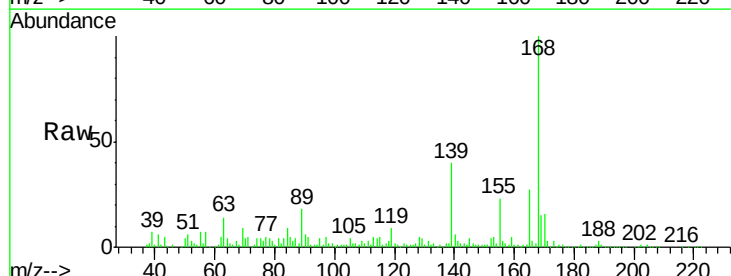


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

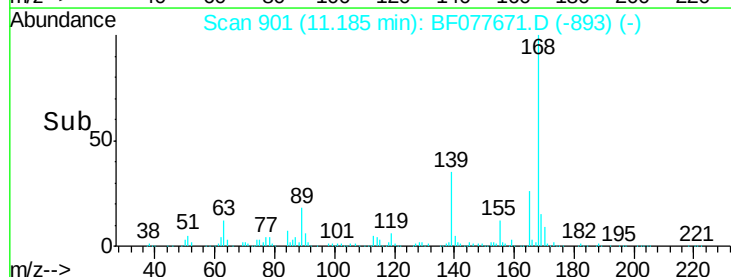
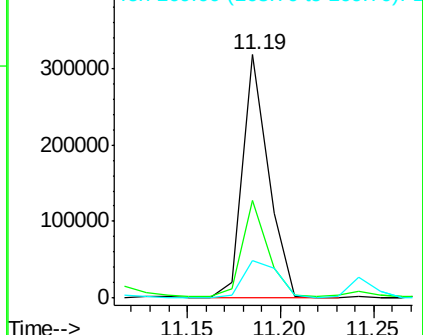


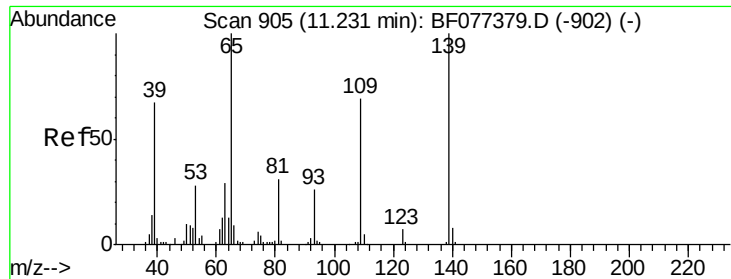
#54
Dibenzofuran
Concen: 34.66 ng
RT: 11.19 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Tgt Ion:168 Resp: 309741
Ion Ratio Lower Upper
168 100
139 40.2 29.3 43.9
169 15.4 10.9 16.3



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

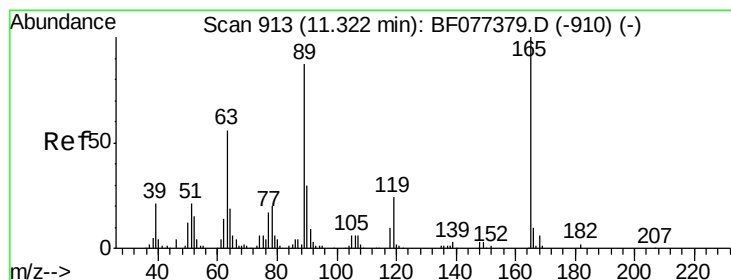
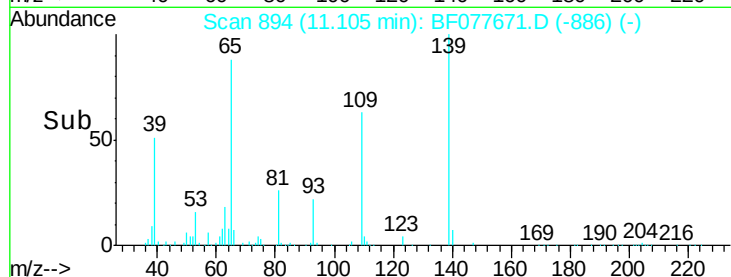
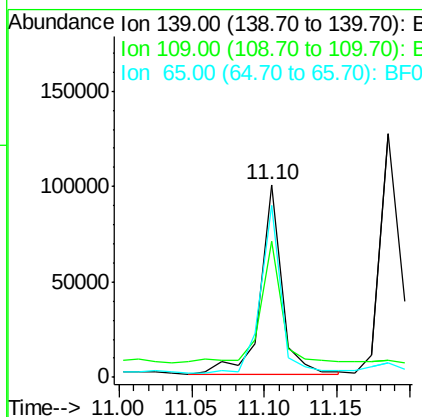
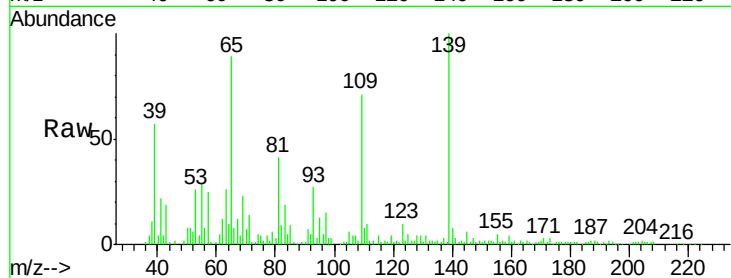




#55
4-Nitrophenol
Concen: 75.80 ng
RT: 11.10 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

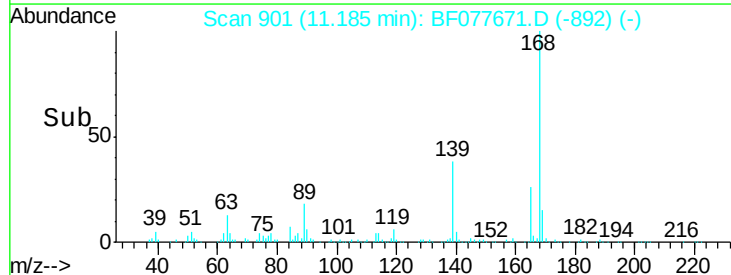
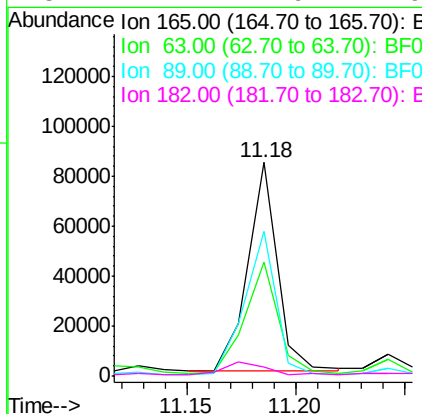
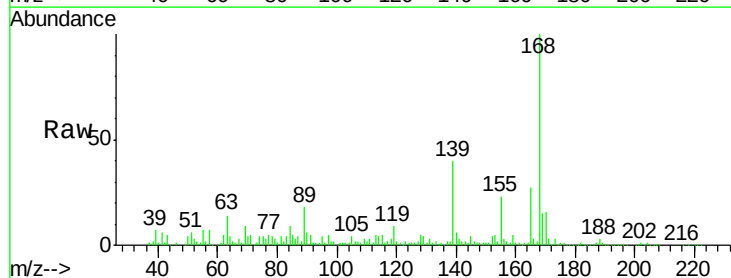
Instrument :
BNA_F
ClientSampleId :
B2(8-9)MS

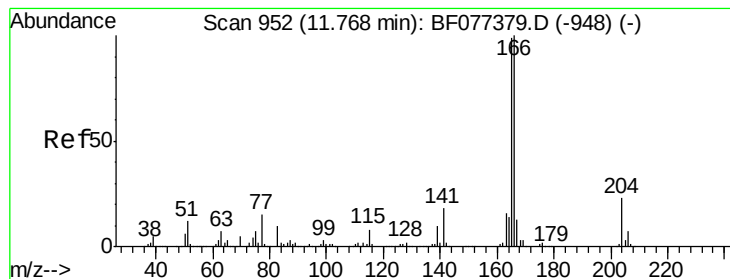
Tgt Ion:139 Resp: 102173
Ion Ratio Lower Upper
139 100
109 70.9 36.2 76.2
65 89.1 40.3 80.3#



#56
2,4-Dinitrotoluene
Concen: 40.45 ng
RT: 11.18 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Tgt Ion:165 Resp: 79450
Ion Ratio Lower Upper
165 100
63 53.2 29.8 44.8#
89 68.0 48.5 72.7
182 4.4 1.9 2.9#





#57

Fluorene

Concen: 39.16 ng

RT: 11.61 min Scan# 938

Delta R.T. -0.00 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

Instrument :

BNA_F

ClientSampleId :

B2(8-9)MS

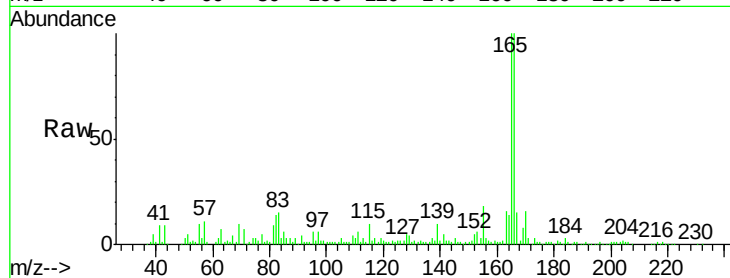
Tgt Ion:166 Resp: 279812

Ion Ratio Lower Upper

166 100

165 100.4 77.6 116.4

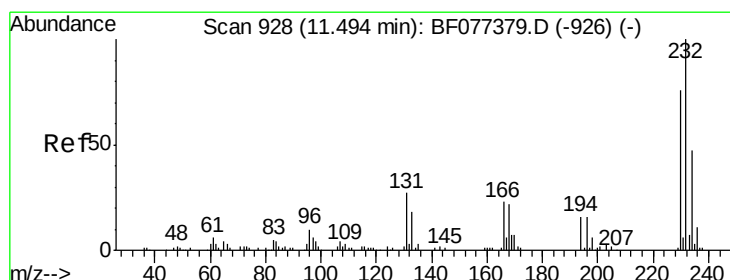
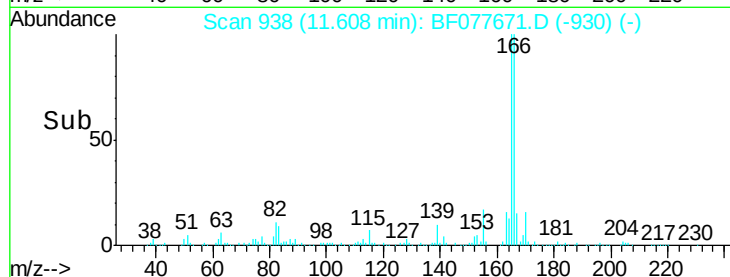
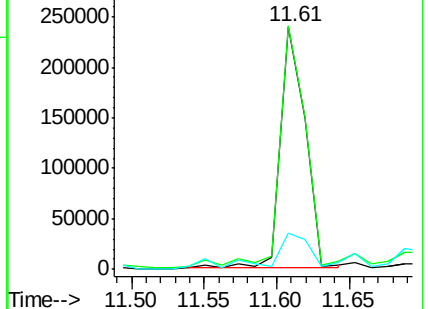
167 15.0 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 32.75 ng

RT: 11.34 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

Tgt Ion:232 Resp: 55170

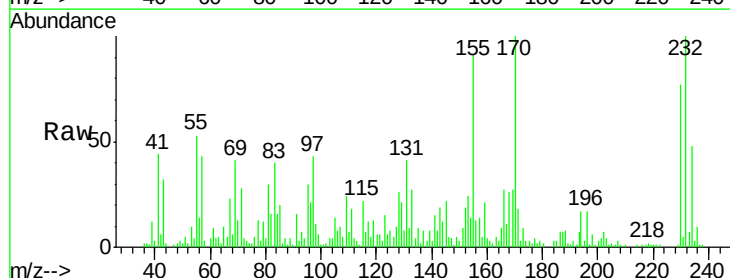
Ion Ratio Lower Upper

232 100

131 66.9 34.2 51.2#

130 9.9 1.8 2.6#

166 34.2 24.3 36.5

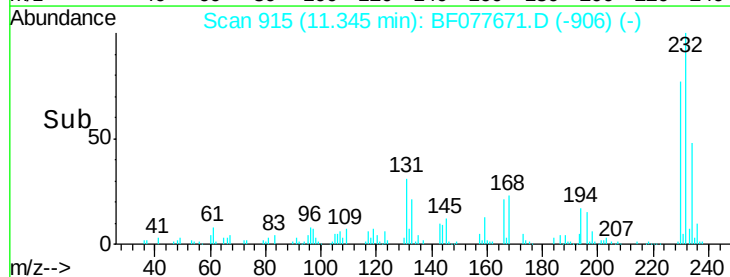
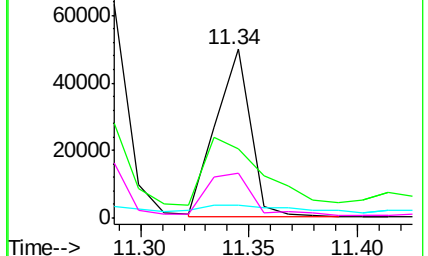


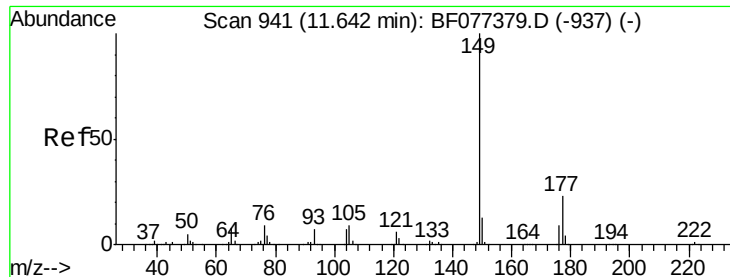
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

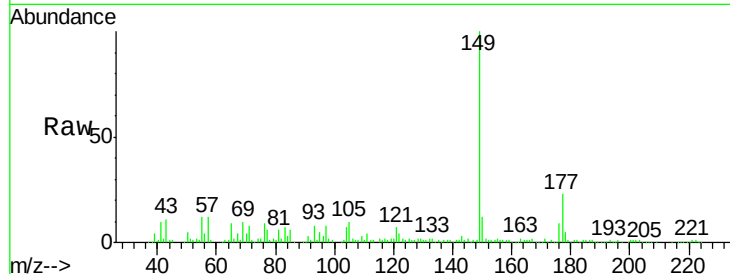




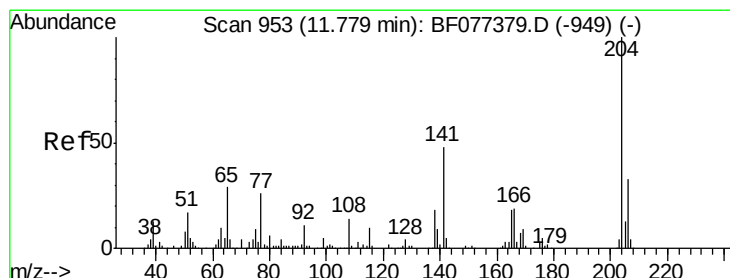
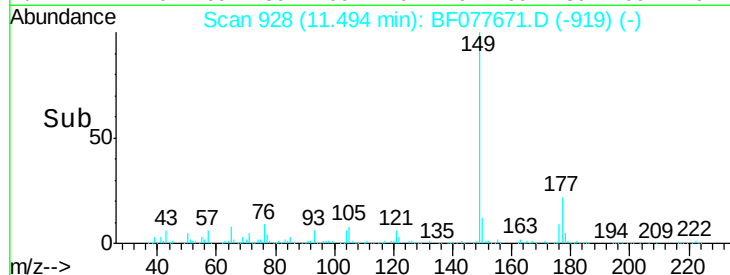
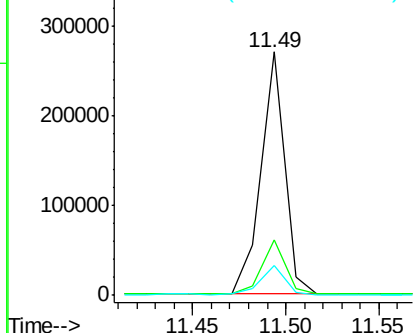
#59
Diethylphthalate
Concen: 32.92 ng
RT: 11.49 min Scan# 928
Delta R.T. -0.00 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Instrument :
BNA_F
ClientSampleId :
B2(8-9)MS

Tgt Ion:149 Resp: 235225
Ion Ratio Lower Upper
149 100
177 22.7 17.2 25.8
150 12.4 10.5 15.7

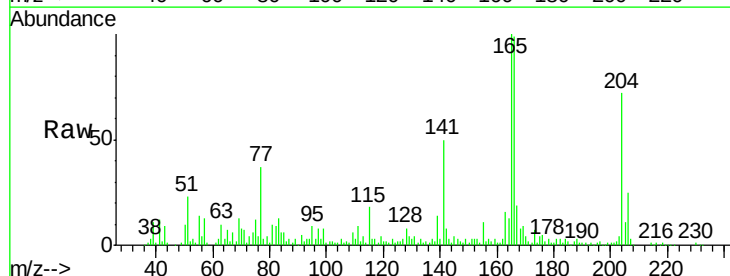


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

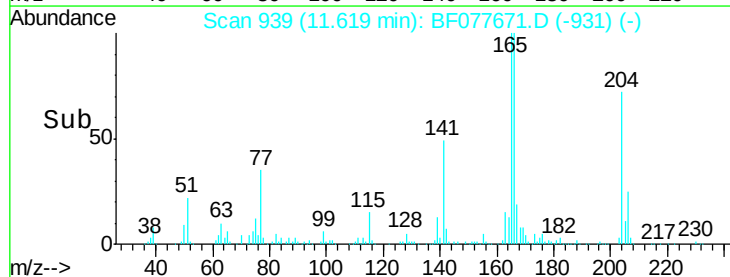
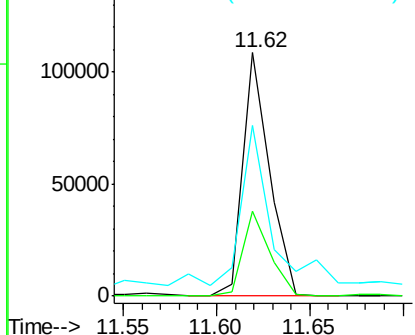


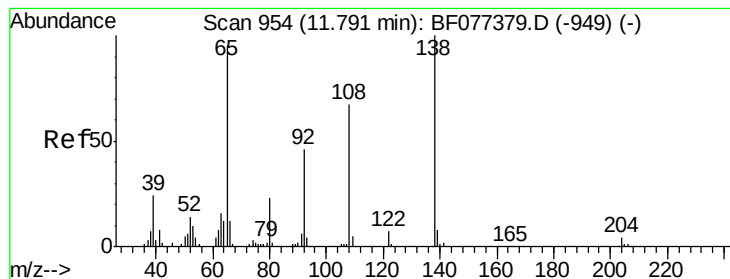
#60
4-Chlorophenyl-phenylether
Concen: 30.90 ng
RT: 11.62 min Scan# 939
Delta R.T. -0.00 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Tgt Ion:204 Resp: 106375
Ion Ratio Lower Upper
204 100
206 34.7 25.9 38.9
141 70.0 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: 34.83 ng

RT: 11.64 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

Instrument :

BNA_F

ClientSampleId :

B2(8-9)MS

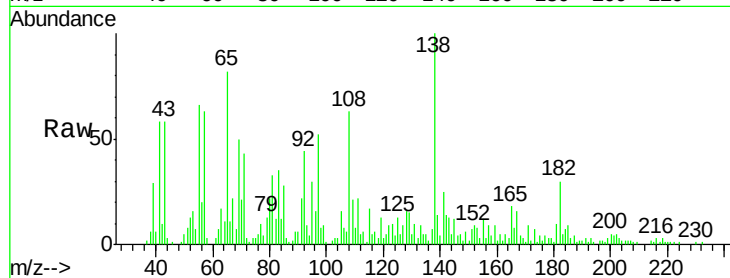
Tgt Ion:138 Resp: 55944

Ion Ratio Lower Upper

138 100

92 44.0 32.8 72.8

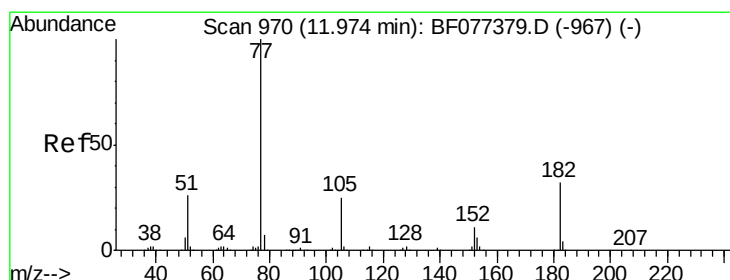
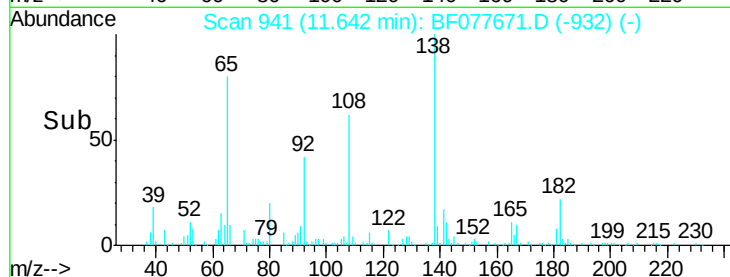
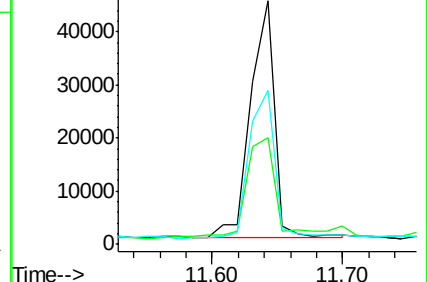
108 63.1 52.1 92.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 34.51 ng

RT: 11.82 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

Tgt Ion: 77 Resp: 233960

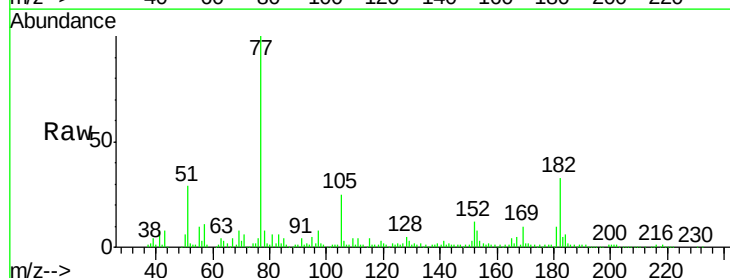
Ion Ratio Lower Upper

77 100

182 32.5 4.9 44.9

105 25.0 3.3 43.3

51 29.2 8.9 48.9

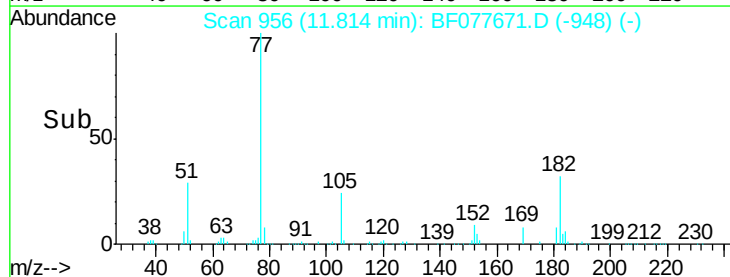
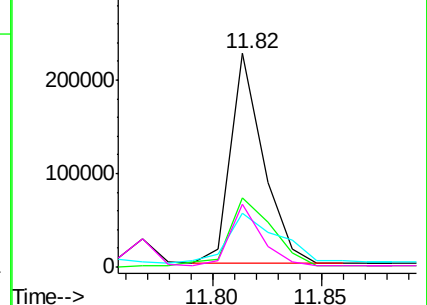


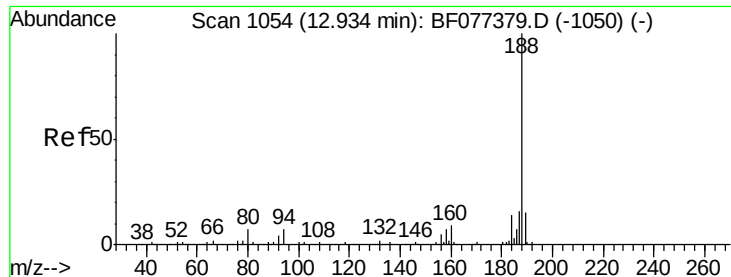
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

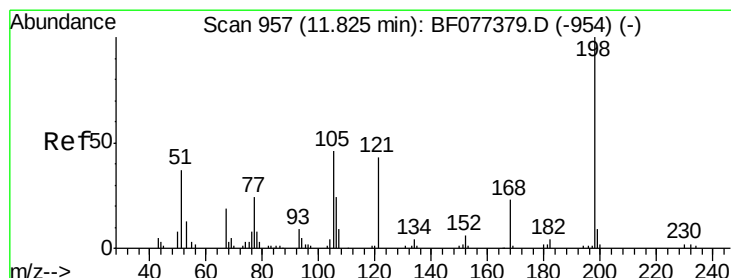
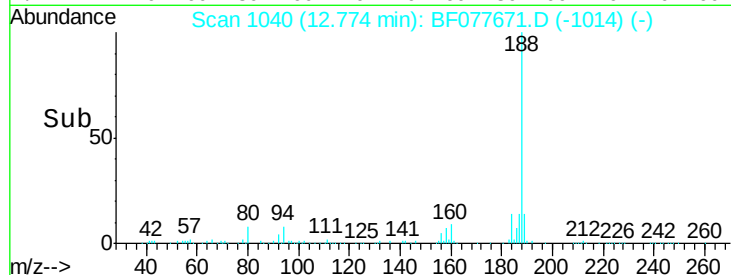
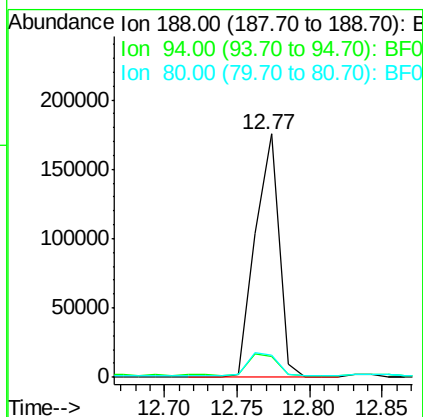
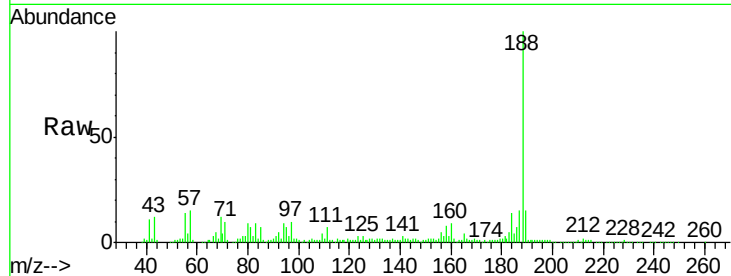




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.77 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

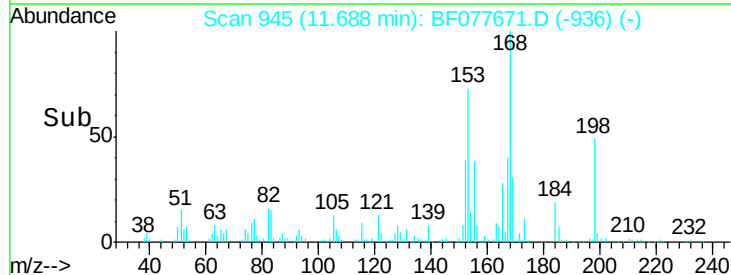
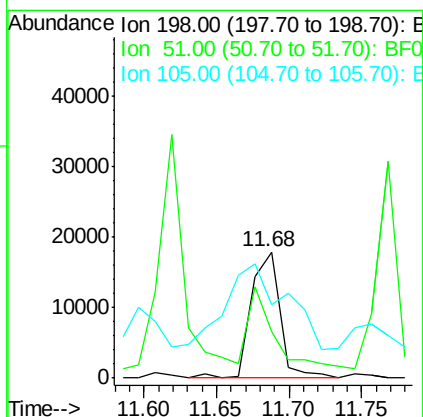
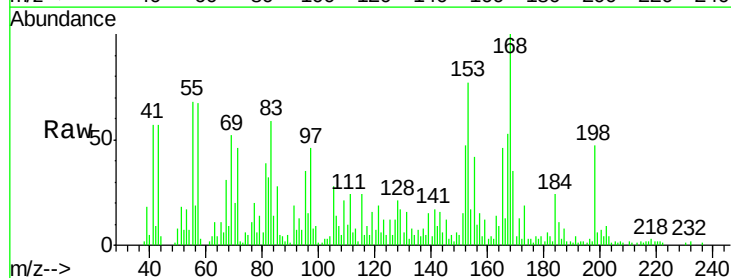
Instrument :
BNA_F
ClientSampleId :
B2(8-9)MS

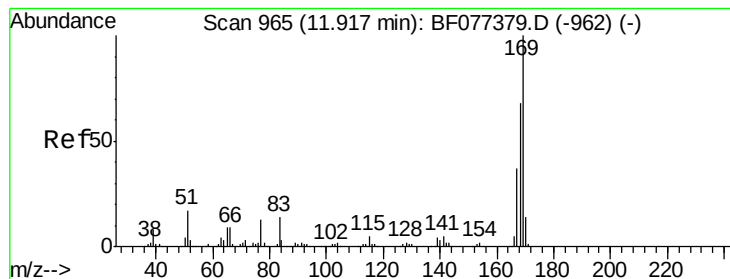
Tgt Ion:188 Resp: 198793
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.2
80 9.2 8.0 12.0



#64
4,6-Dinitro-2-methylphenol
Concen: 32.42 ng
RT: 11.68 min Scan# 945
Delta R.T. -0.00 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Tgt Ion:198 Resp: 24682
Ion Ratio Lower Upper
198 100
51 37.3 2.7 42.7
105 58.8 10.0 50.0#





#65

n-Nitrosodiphenylamine

Concen: 42.32 ng

RT: 11.77 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

Instrument :

BNA_F

ClientSampleId :

B2(8-9)MS

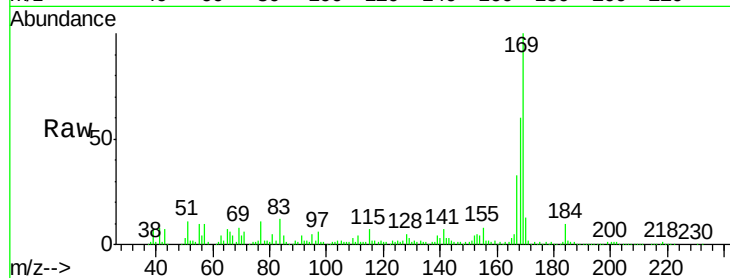
Tgt Ion:169 Resp: 279161

Ion Ratio Lower Upper

169 100

168 60.0 53.0 79.6

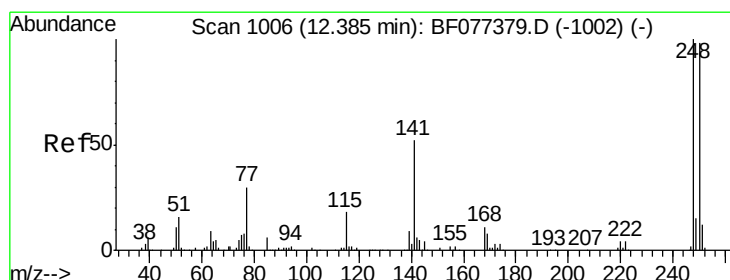
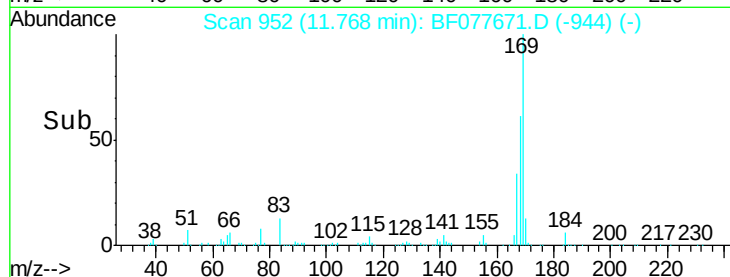
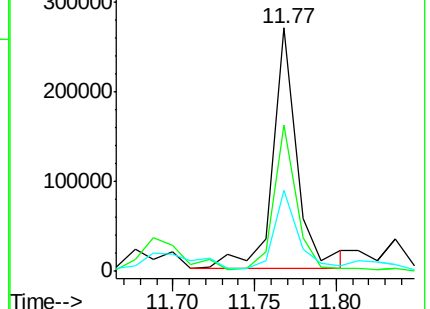
167 33.2 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 28.97 ng

RT: 12.23 min Scan# 992

Delta R.T. -0.00 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

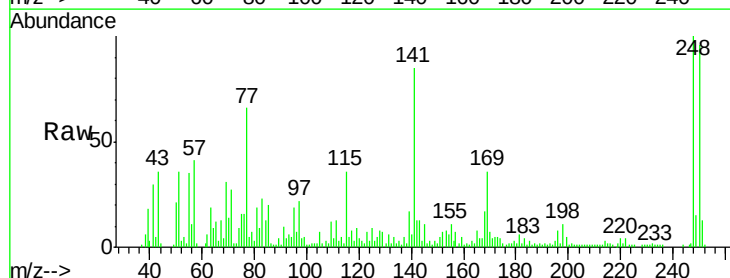
Tgt Ion:248 Resp: 67432

Ion Ratio Lower Upper

248 100

250 96.4 78.0 117.0

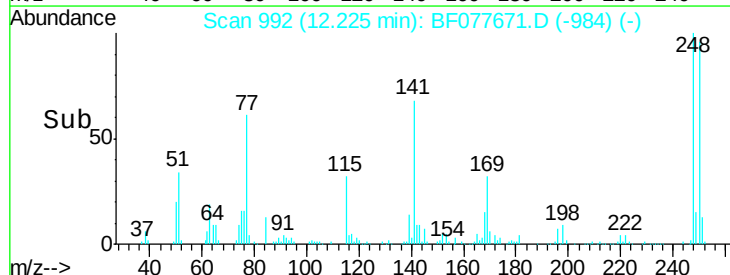
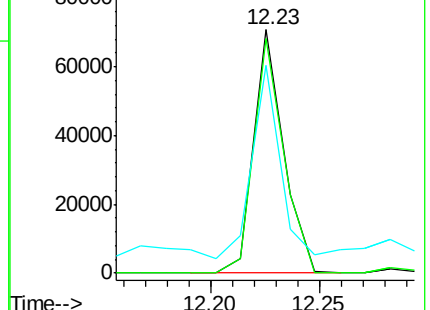
141 85.5 54.1 81.1#

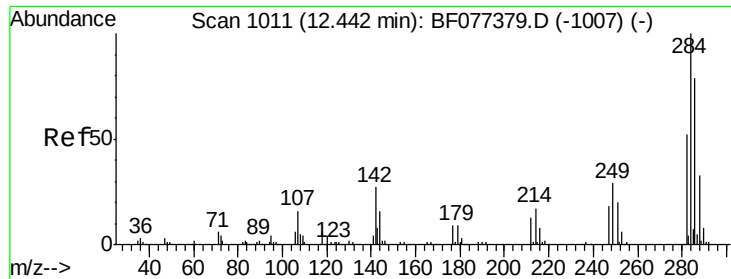


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 28.14 ng

RT: 12.29 min Scan# 997

Delta R.T. -0.00 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

Instrument :

BNA_F

ClientSampleId :

B2(8-9)MS

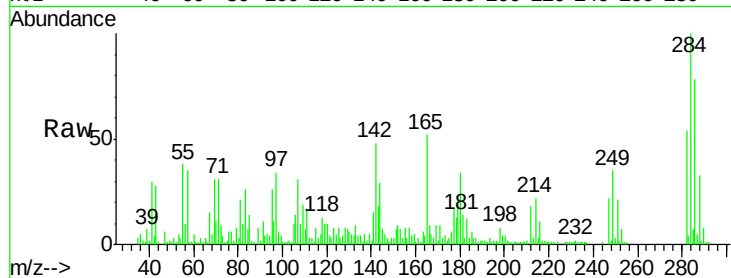
Tgt Ion:284 Resp: 70321

Ion Ratio Lower Upper

284 100

142 47.8 31.6 47.4#

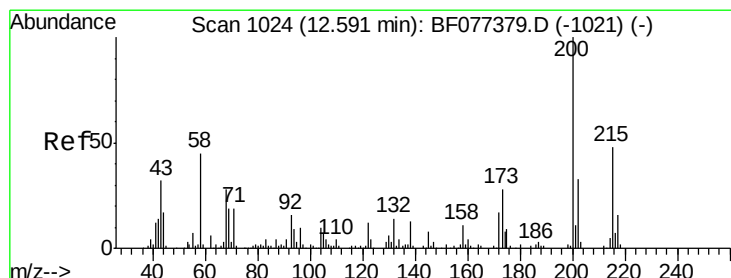
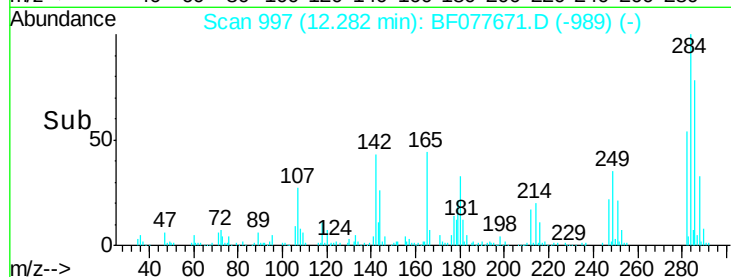
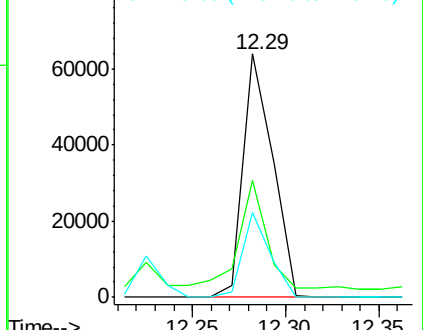
249 35.1 27.0 40.4



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 34.37 ng

RT: 12.44 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

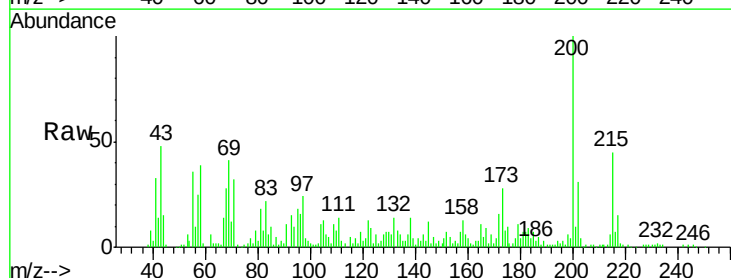
Tgt Ion:200 Resp: 73698

Ion Ratio Lower Upper

200 100

173 27.8 9.6 49.6

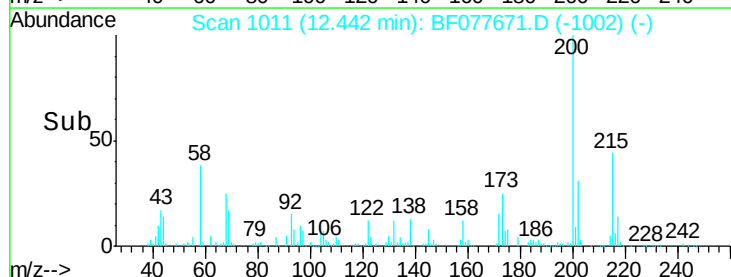
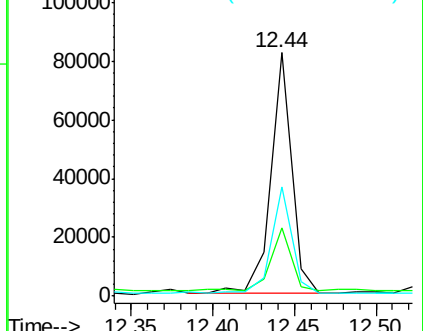
215 44.9 24.4 64.4

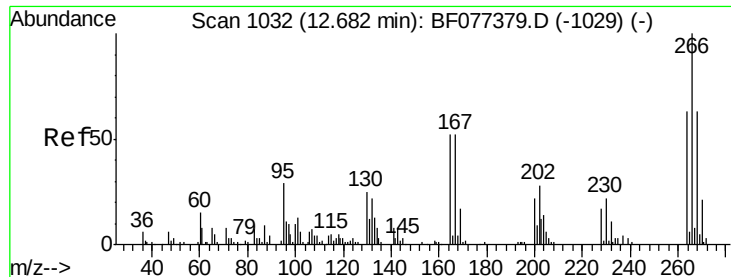


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

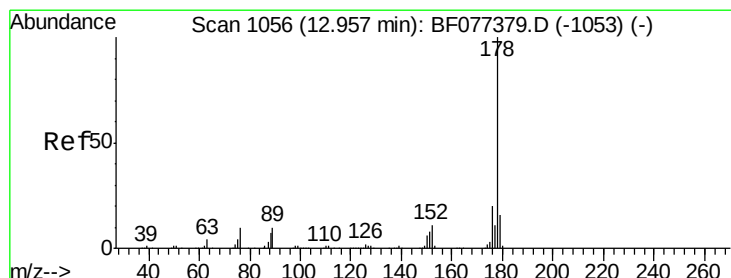
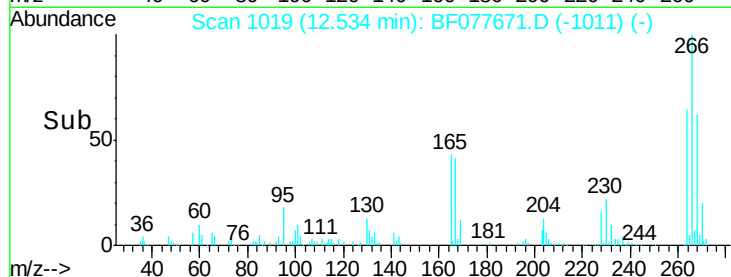
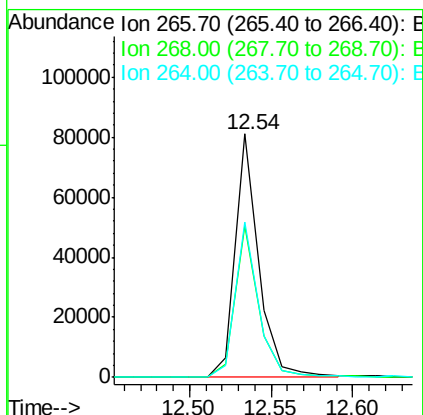
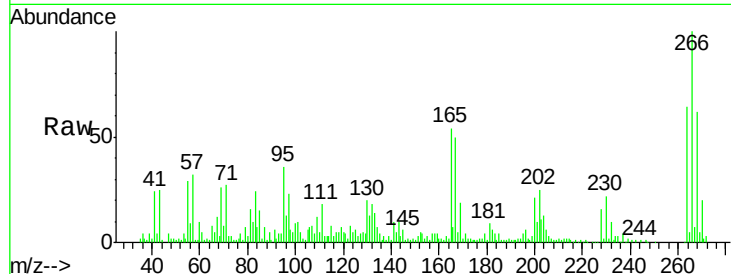




#69
 Pentachlorophenol
 Concen: 60.89 ng
 RT: 12.54 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BF077671.D
 Acq: 10 Mar 2015 20:03

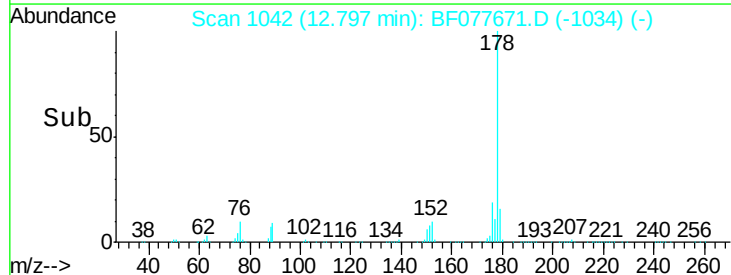
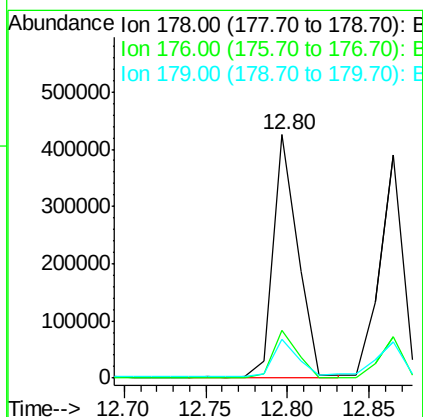
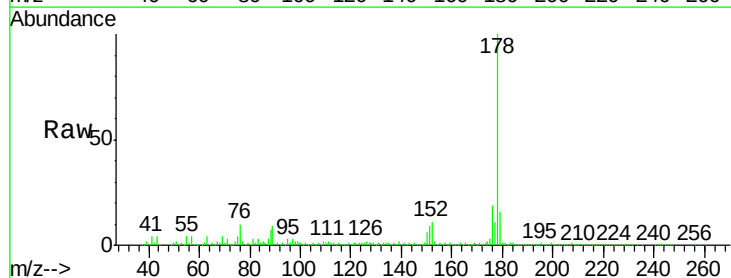
Instrument :
 BNA_F
 ClientSampleId :
 B2(8-9)MS

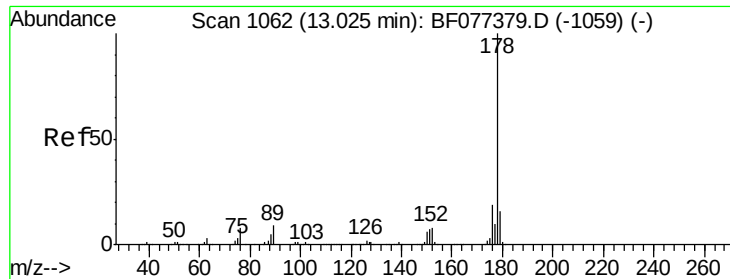
Tgt Ion:266 Resp: 79958
 Ion Ratio Lower Upper
 266 100
 268 62.3 51.2 76.8
 264 63.8 50.7 76.1



#70
 Phenanthrene
 Concen: 38.49 ng
 RT: 12.80 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BF077671.D
 Acq: 10 Mar 2015 20:03

Tgt Ion:178 Resp: 443510
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.5 23.3
 179 16.0 12.2 18.2

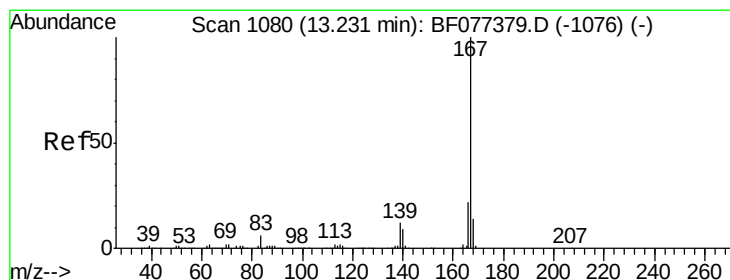
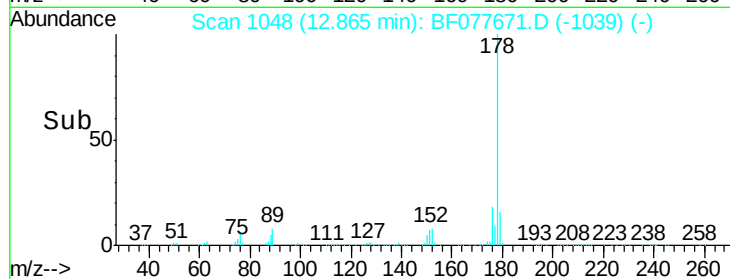
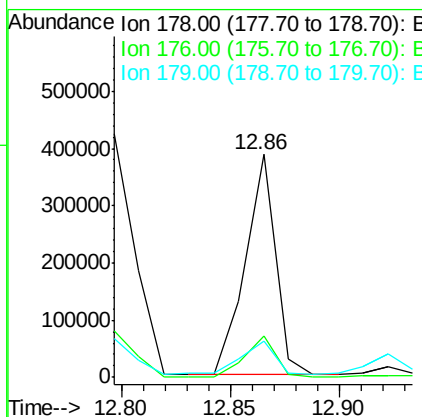
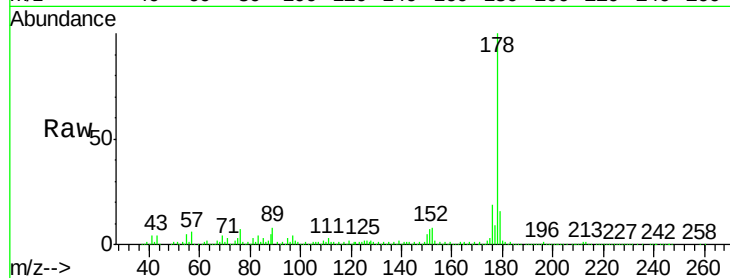




#71
 Anthracene
 Concen: 32.52 ng
 RT: 12.86 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BF077671.D
 Acq: 10 Mar 2015 20:03

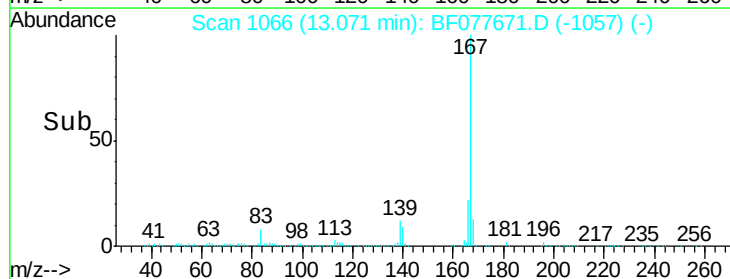
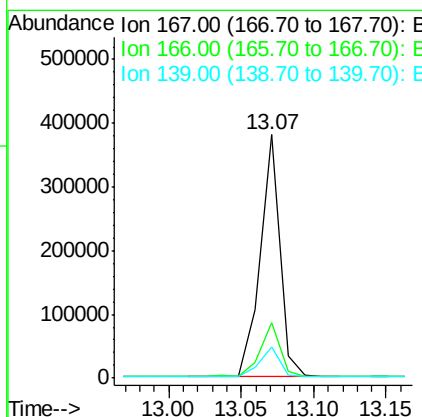
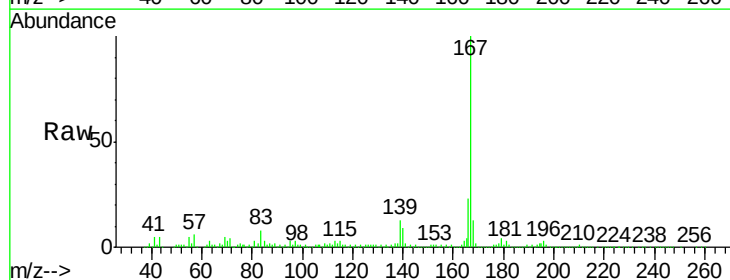
Instrument :
 BNA_F
 ClientSampleId :
 B2(8-9)MS

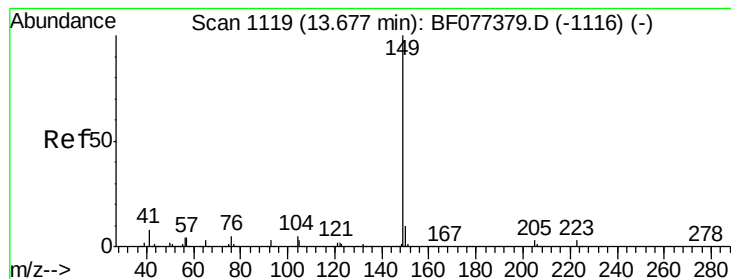
Tgt Ion:178 Resp: 371876
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.4 23.0
 179 16.3 12.9 19.3



#72
 Carbazole
 Concen: 32.90 ng
 RT: 13.07 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: BF077671.D
 Acq: 10 Mar 2015 20:03

Tgt Ion:167 Resp: 357622
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.6 26.4
 139 12.6 9.9 14.9





#73

Di-n-butylphthalate

Concen: 31.43 ng

RT: 13.52 min Scan# 1106

Delta R.T. -0.00 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

Instrument :

BNA_F

ClientSampleId :

B2(8-9)MS

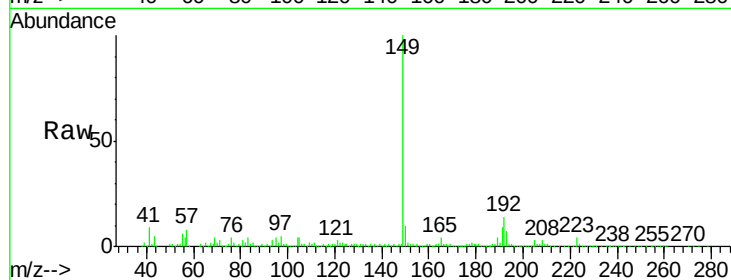
Tgt Ion:149 Resp: 401288

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.8

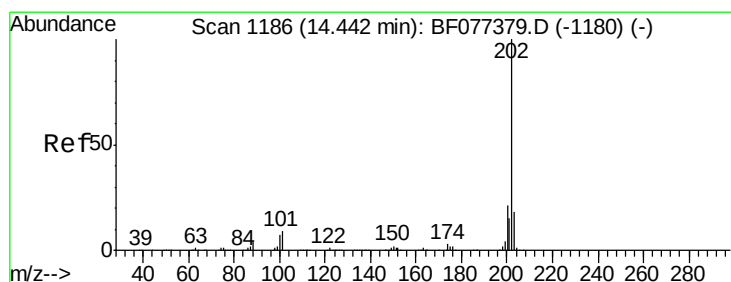
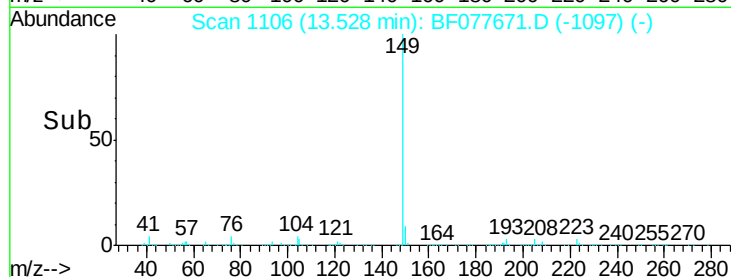
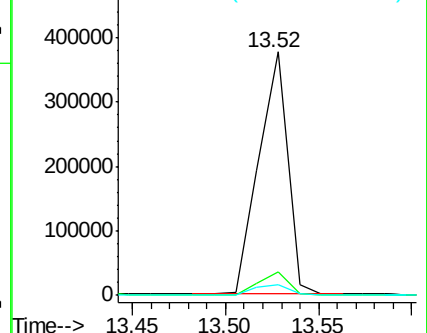
104 4.3 4.1 6.1



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: 32.25 ng

RT: 14.27 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

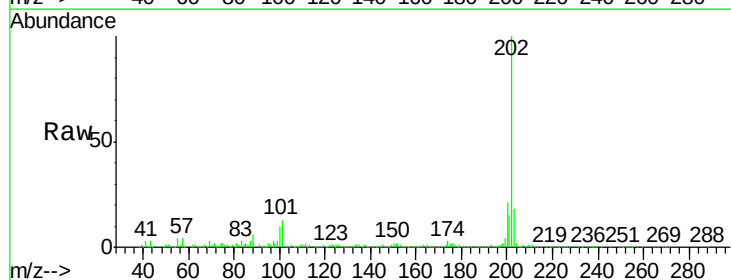
Tgt Ion:202 Resp: 405837

Ion Ratio Lower Upper

202 100

101 12.9 0.0 30.8

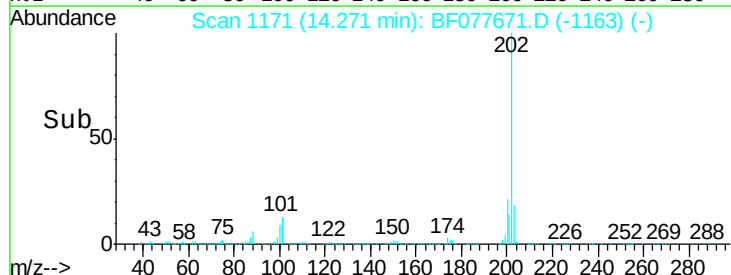
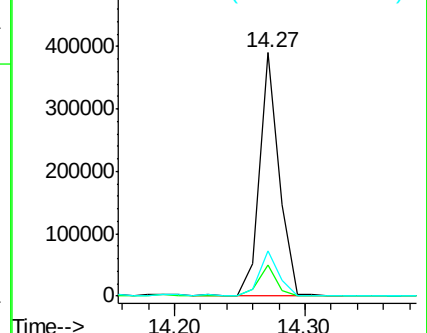
203 18.4 0.0 37.7

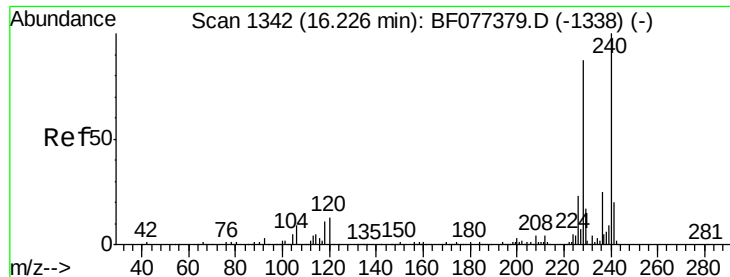


Abundance Ion 202.00 (201.70 to 202.70): E

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: 16.06 min Scan# 1328

Delta R.T. -0.02 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

Instrument :

BNA_F

ClientSampleId :

B2(8-9)MS

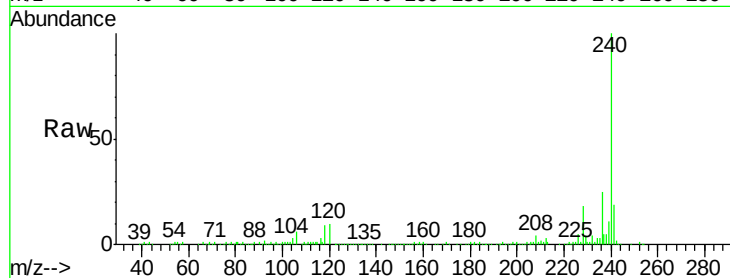
Tgt Ion:240 Resp: 218601

Ion Ratio Lower Upper

240 100

120 9.6 8.8 13.2

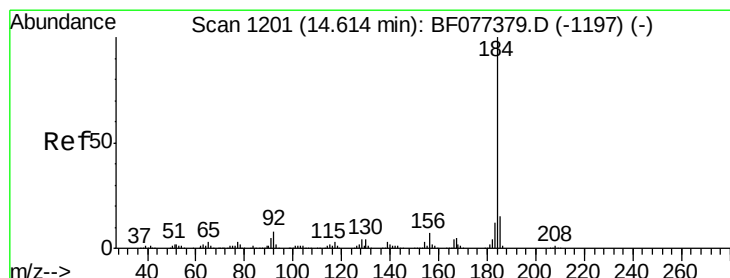
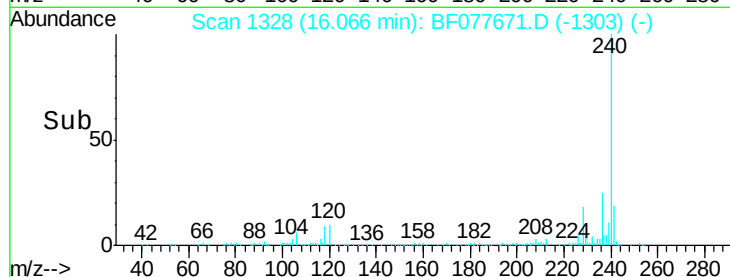
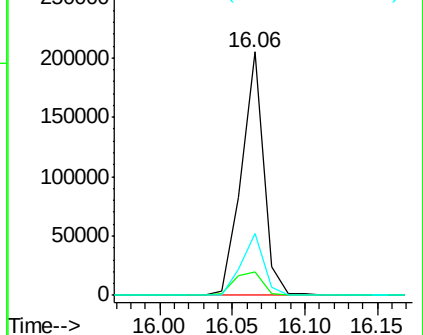
236 25.5 20.7 31.1



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: 29.54 ng

RT: 14.46 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

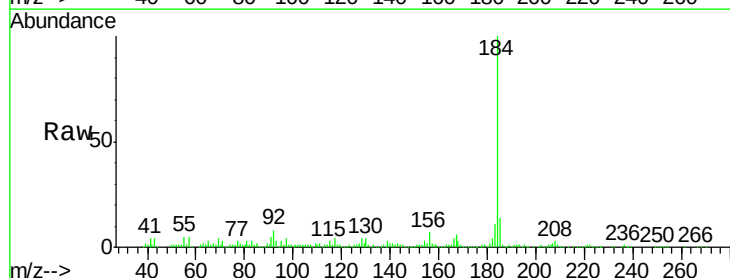
Tgt Ion:184 Resp: 218176

Ion Ratio Lower Upper

184 100

185 14.2 12.6 18.8

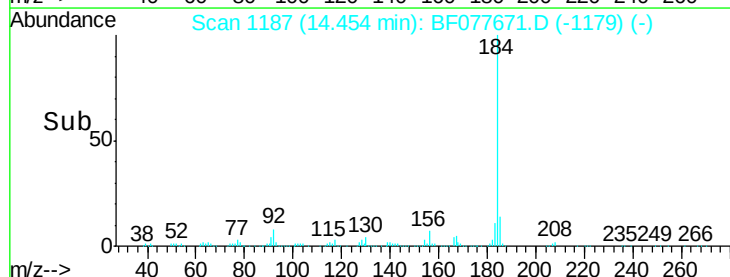
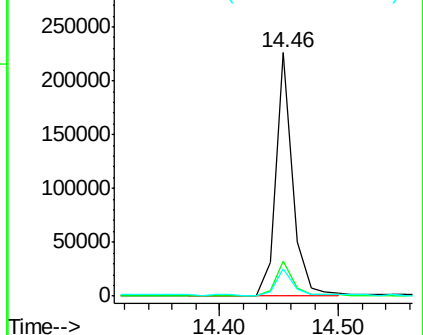
183 11.3 9.3 13.9

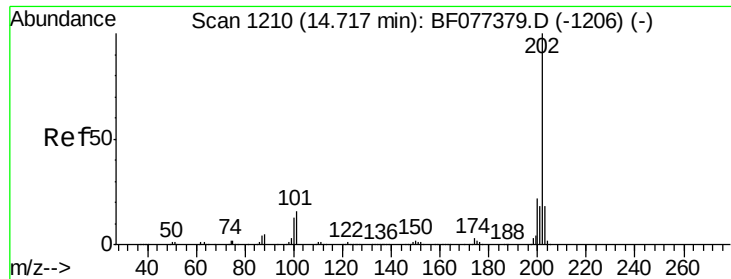


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

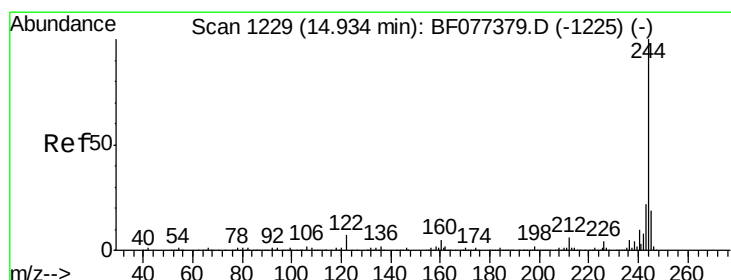
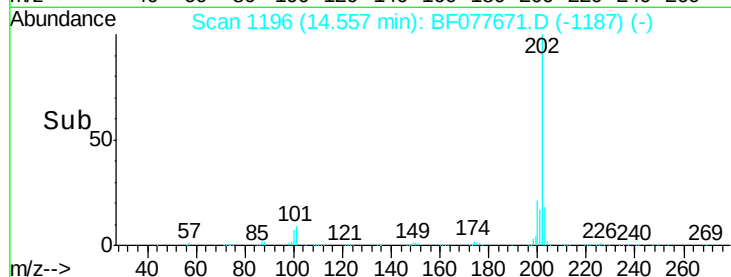
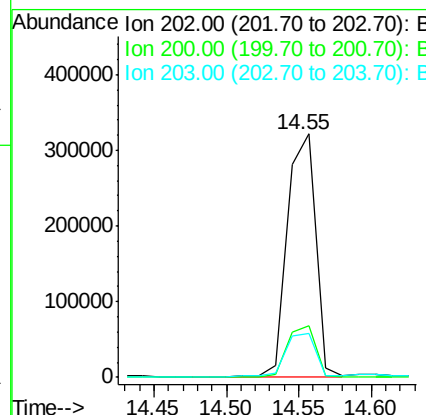
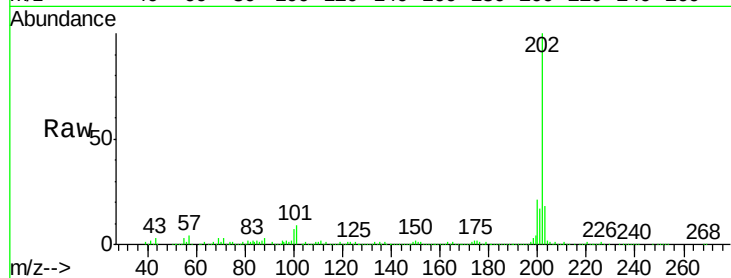




#77
Pyrene
Concen: 32.47 ng
RT: 14.55 min Scan# 1196
Delta R.T. -0.00 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

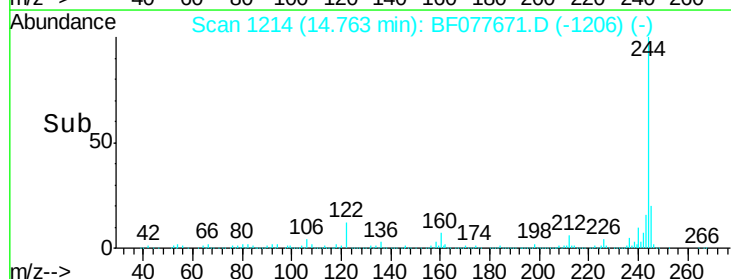
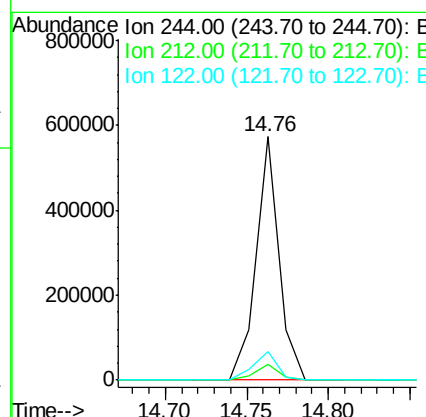
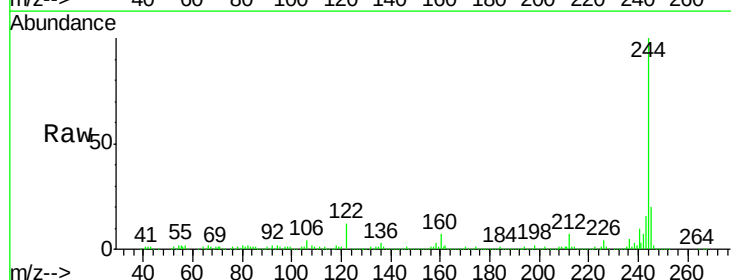
Instrument :
BNA_F
ClientSampleId :
B2(8-9)MS

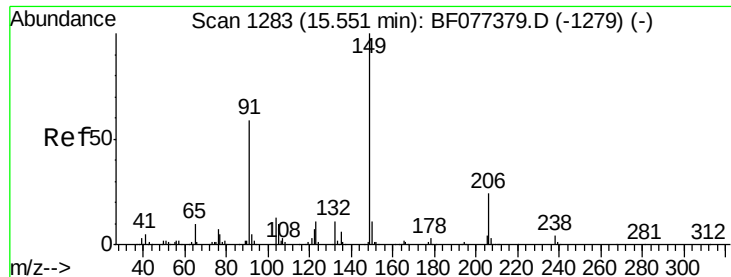
Tgt Ion: 202 Resp: 434204
Ion Ratio Lower Upper
202 100
200 21.2 17.1 25.7
203 18.1 14.2 21.2



#78
Terphenyl-d14
Concen: 59.69 ng
RT: 14.76 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Tgt Ion: 244 Resp: 558164
Ion Ratio Lower Upper
244 100
212 6.5 5.2 7.8
122 11.8 7.8 11.8

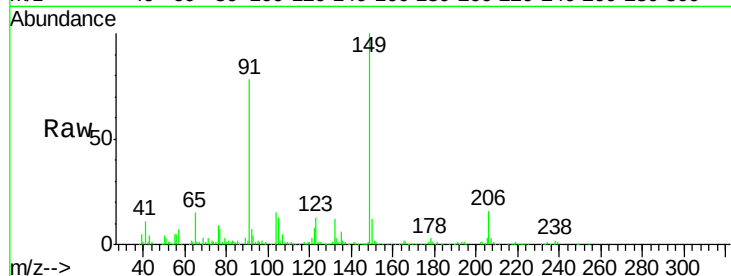




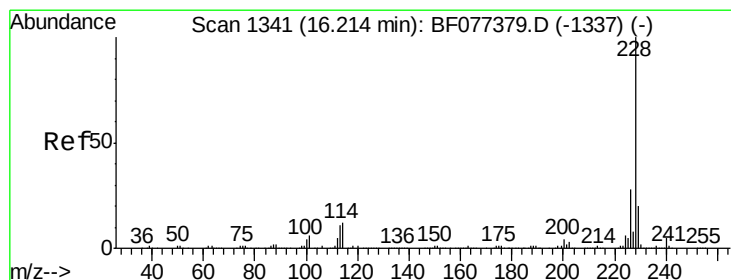
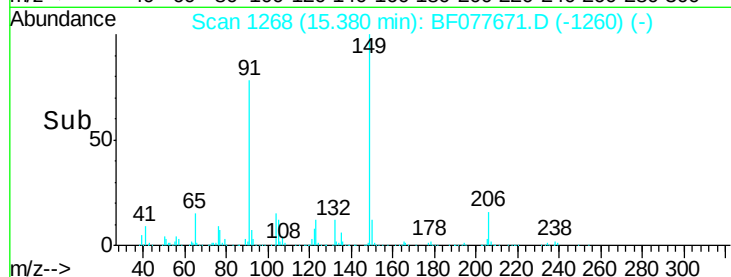
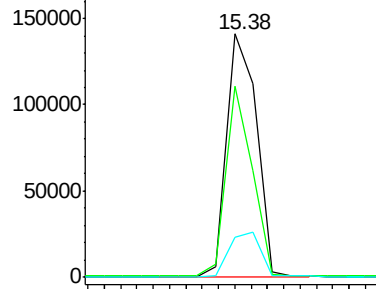
#79
Butylbenzylphthalate
Concen: 32.60 ng
RT: 15.38 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Instrument :
BNA_F
ClientSampleId :
B2(8-9)MS

Tgt Ion:149 Resp: 179371
Ion Ratio Lower Upper
149 100
91 78.4 51.2 76.8#
206 16.3 17.8 26.8#

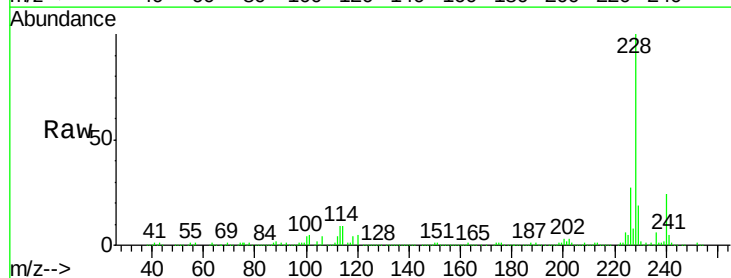


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

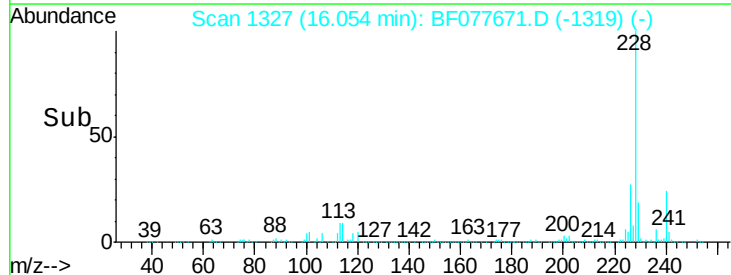
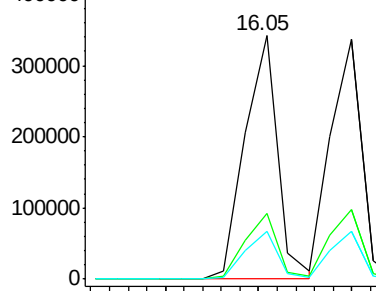


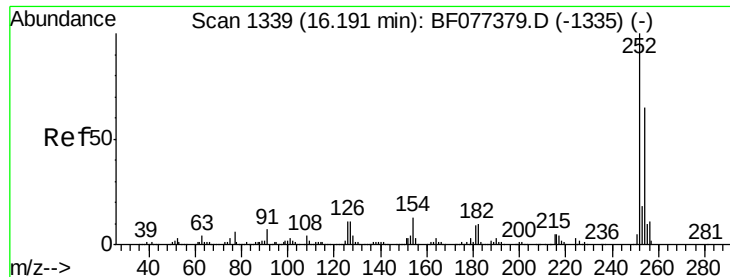
#80
Benzo(a)anthracene
Concen: 32.49 ng
RT: 16.05 min Scan# 1327
Delta R.T. -0.02 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Tgt Ion:228 Resp: 416281
Ion Ratio Lower Upper
228 100
226 26.9 22.0 33.0
229 19.4 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

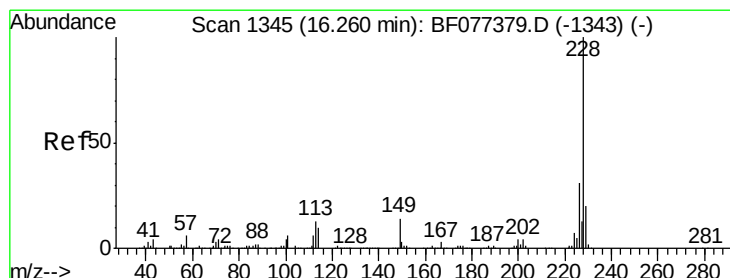
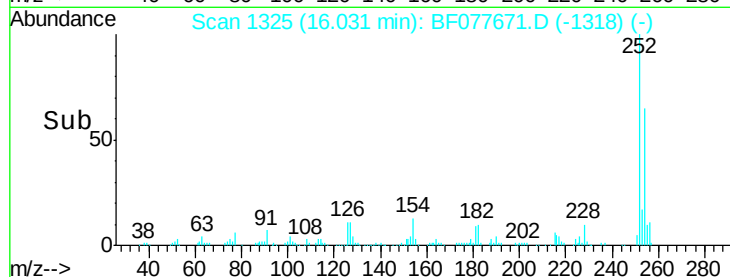
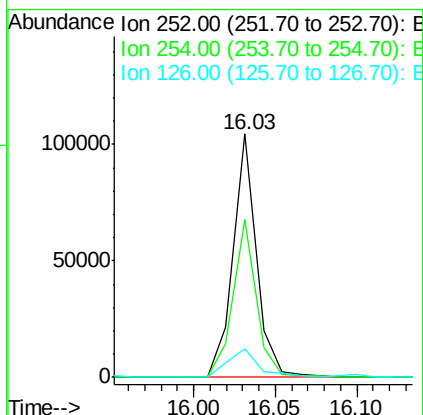
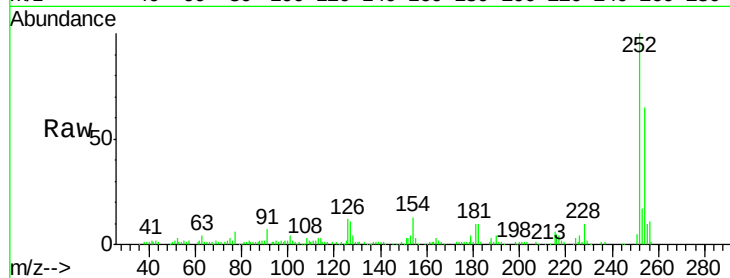




#81
 3,3'-Dichlorobenzidine
 Concen: 22.03 ng
 RT: 16.03 min Scan# 1325
 Delta R.T. -0.02 min
 Lab File: BF077671.D
 Acq: 10 Mar 2015 20:03

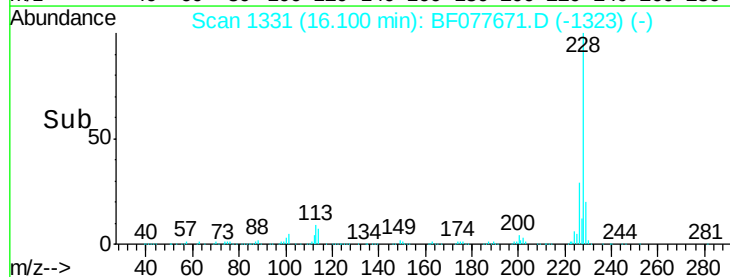
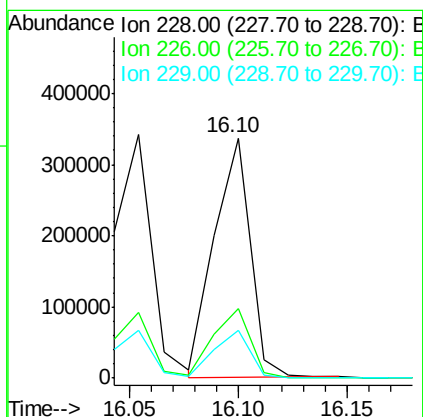
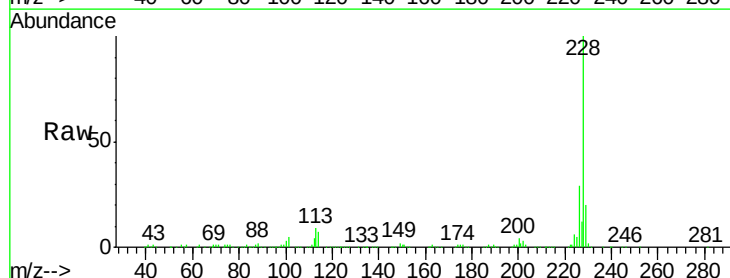
Instrument :
 BNA_F
 ClientSampleId :
 B2(8-9)MS

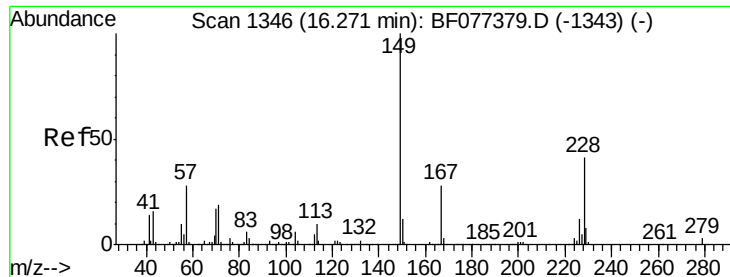
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.8	52.9	79.3
126	11.8	7.3	10.9



#82
 Chrysene
 Concen: 32.07 ng
 RT: 16.10 min Scan# 1331
 Delta R.T. -0.02 min
 Lab File: BF077671.D
 Acq: 10 Mar 2015 20:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.9	37.3
229	19.9	16.4	24.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 30.18 ng

RT: 16.12 min Scan# 1333

Delta R.T. -0.02 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

Instrument :

BNA_F

ClientSampleId :

B2(8-9)MS

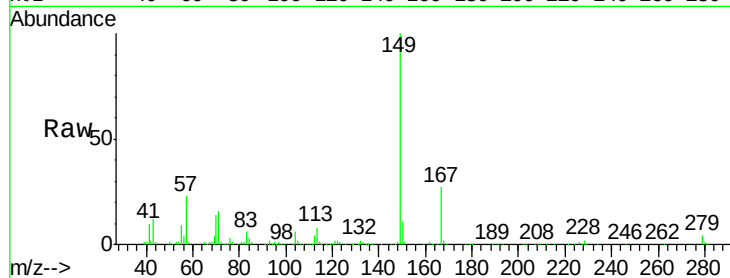
Tgt Ion:149 Resp: 266283

Ion Ratio Lower Upper

149 100

167 27.1 22.8 34.2

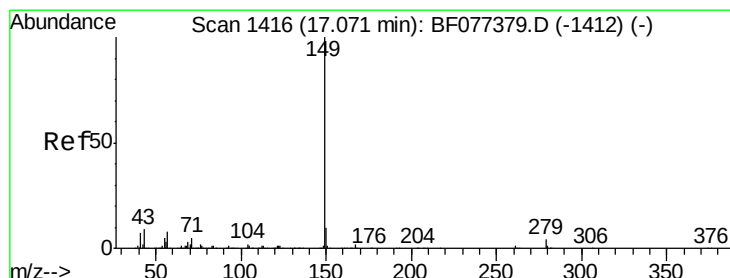
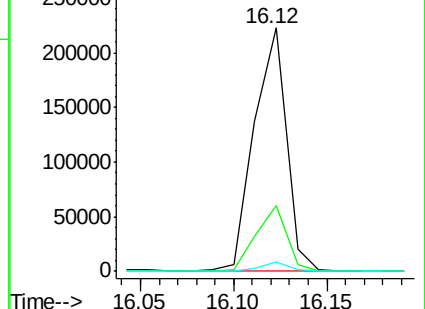
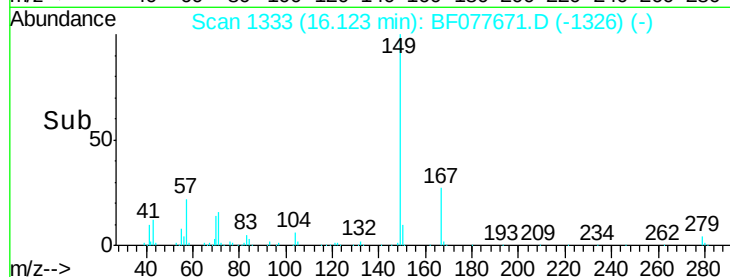
279 3.8 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 31.67 ng

RT: 16.94 min Scan# 1404

Delta R.T. -0.04 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

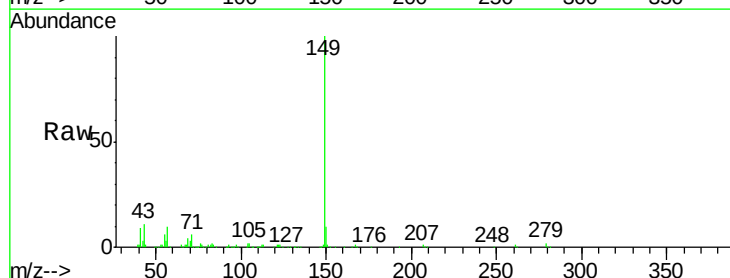
Tgt Ion:149 Resp: 466439

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

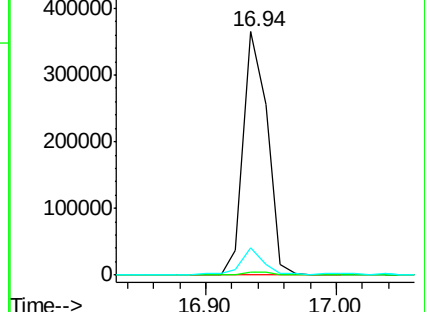
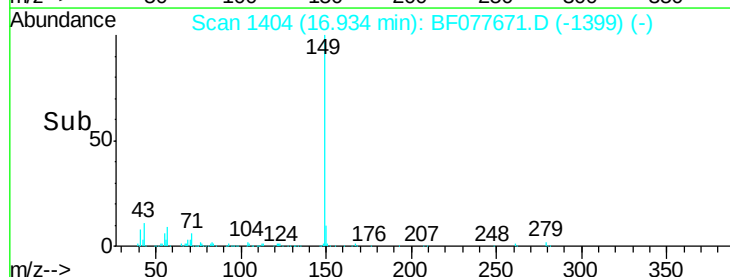
43 9.3 8.1 12.1

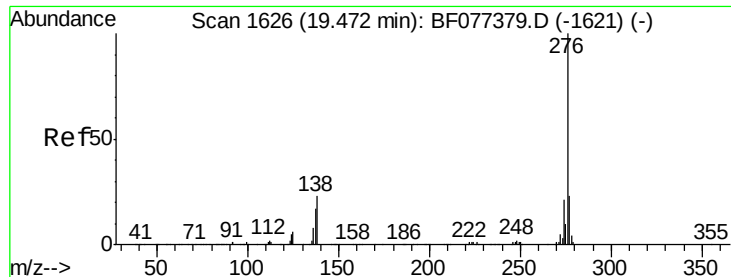


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

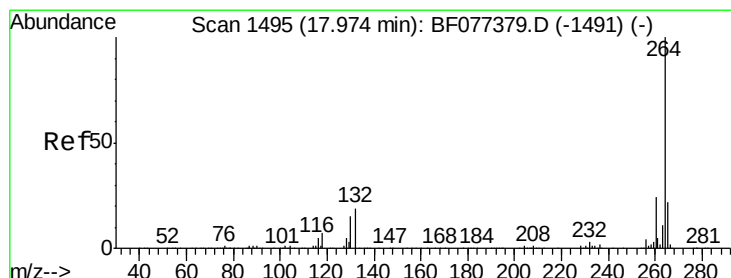
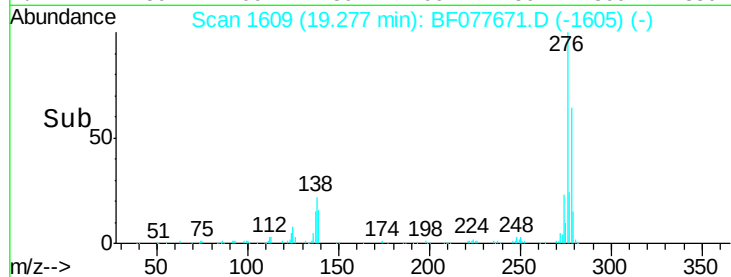
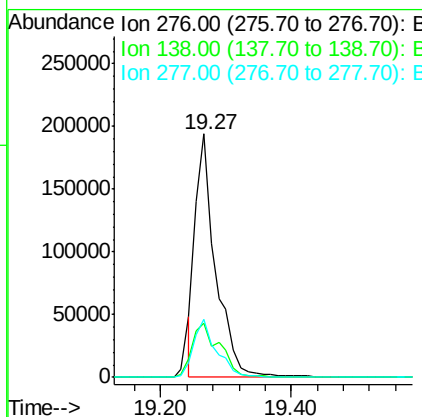
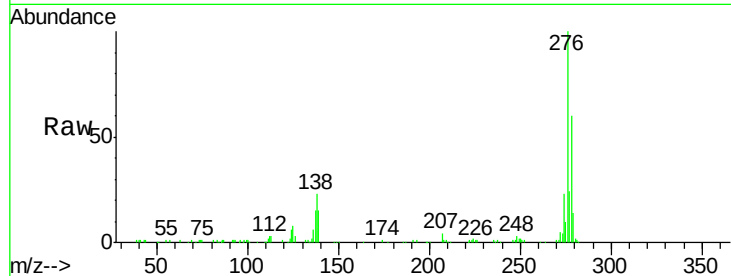




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 29.86 ng
 RT: 19.27 min Scan# 1609
 Delta R.T. -0.06 min
 Lab File: BF077671.D
 Acq: 10 Mar 2015 20:03

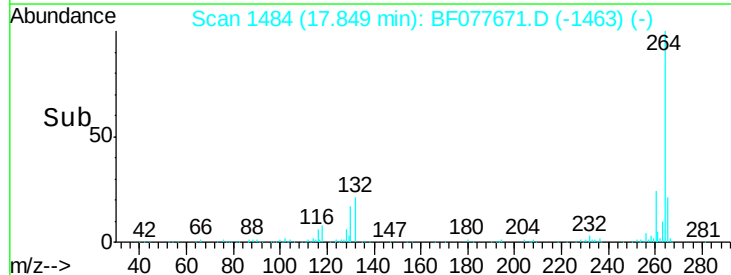
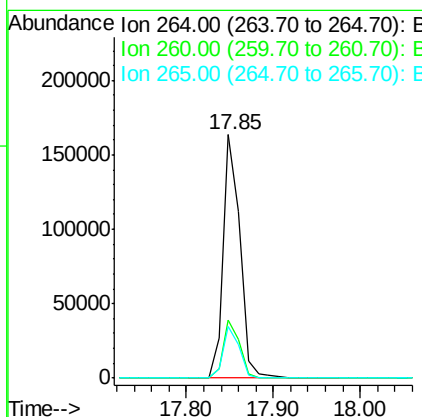
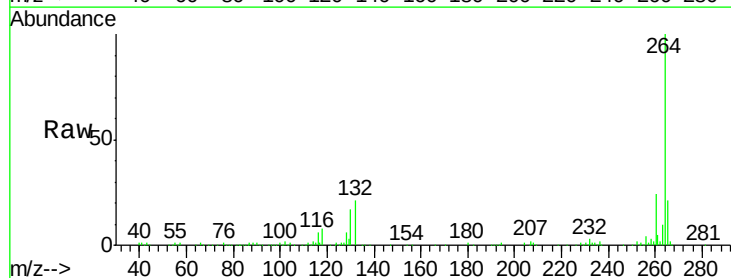
Instrument :
 BNA_F
 ClientSampleId :
 B2(8-9)MS

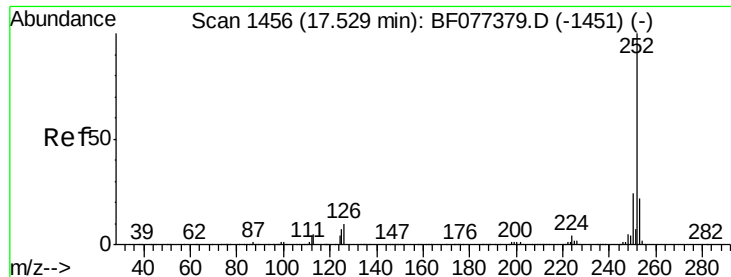
Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.3	21.2	31.8
277	25.4	20.0	30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.85 min Scan# 1484
 Delta R.T. -0.05 min
 Lab File: BF077671.D
 Acq: 10 Mar 2015 20:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.3	28.9
265	21.2	16.8	25.2

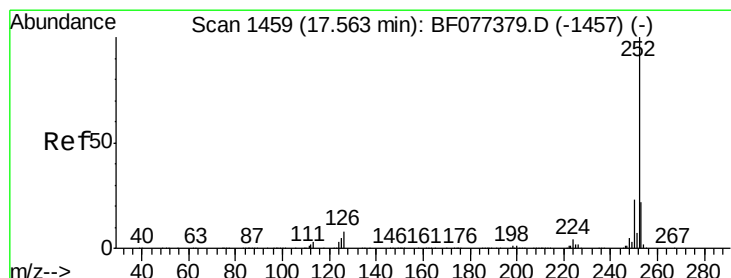
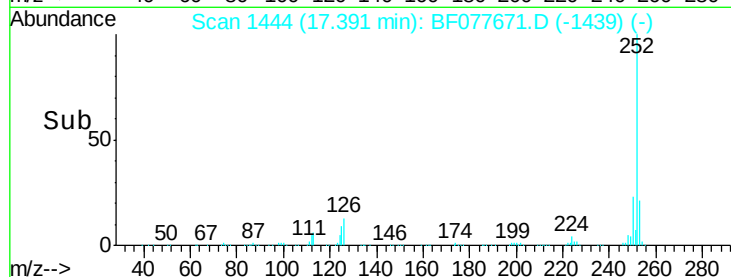
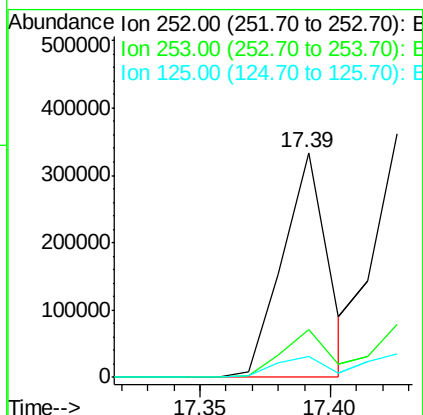
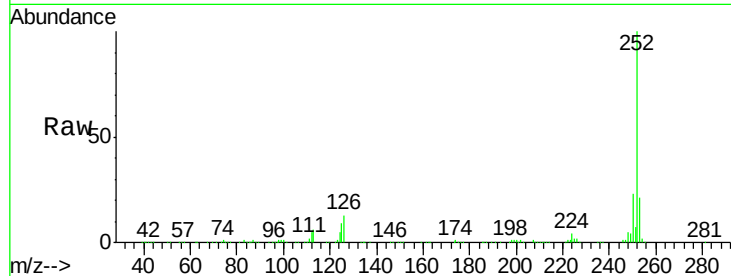




#87
Benzo(b)fluoranthene
Concen: 31.26 ng
RT: 17.39 min Scan# 1444
Delta R.T. -0.05 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

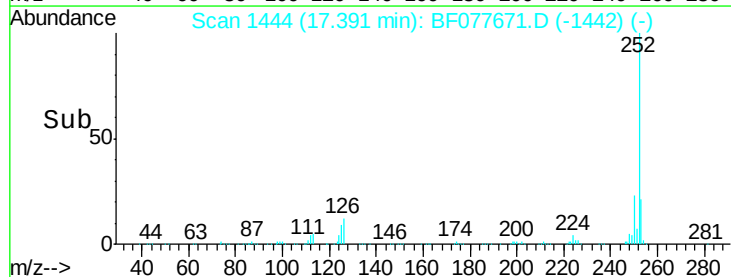
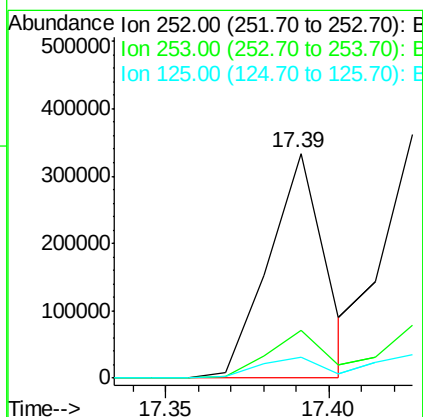
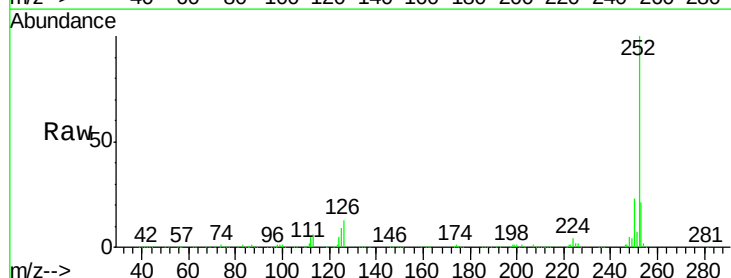
Instrument :
BNA_F
ClientSampleId :
B2(8-9)MS

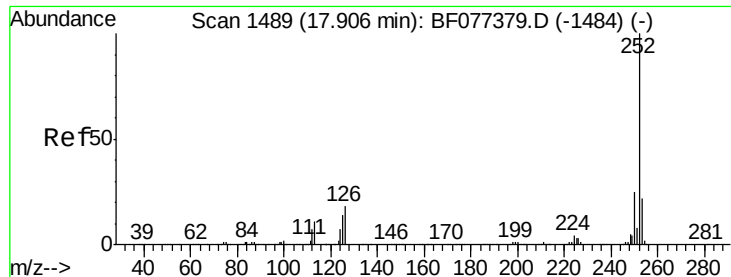
Tgt Ion:252 Resp: 400964
Ion Ratio Lower Upper
252 100
253 21.5 17.6 26.4
125 9.5 5.4 8.2#



#88
Benzo(k)fluoranthene
Concen: 31.91 ng
RT: 17.39 min Scan# 1444
Delta R.T. -0.08 min
Lab File: BF077671.D
Acq: 10 Mar 2015 20:03

Tgt Ion:252 Resp: 401052
Ion Ratio Lower Upper
252 100
253 21.5 18.1 27.1
125 9.5 10.1 15.1#





#89

Benzo(a)pyrene

Concen: 31.83 ng

RT: 17.79 min Scan# 1479

Delta R.T. -0.05 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

Instrument :

BNA_F

ClientSampleId :

B2(8-9)MS

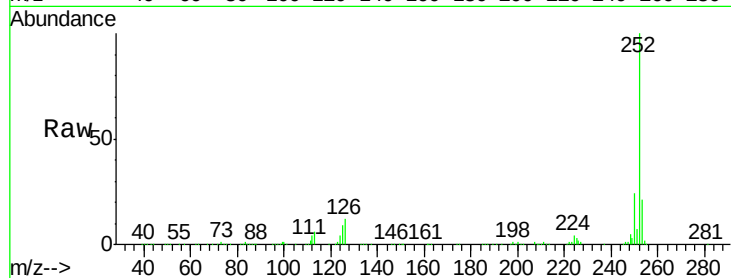
Tgt Ion:252 Resp: 388839

Ion Ratio Lower Upper

252 100

253 21.4 18.2 27.2

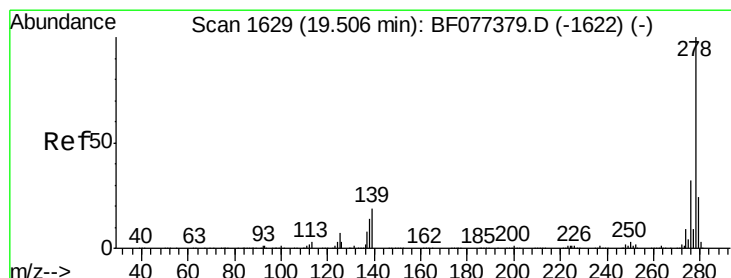
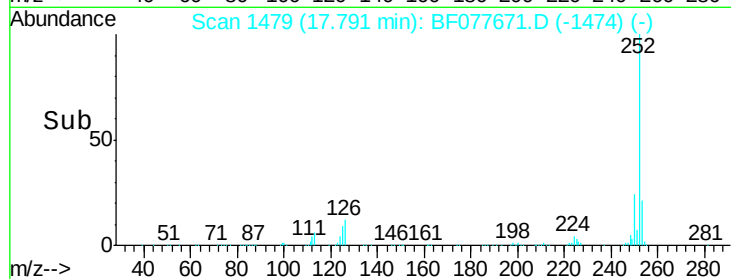
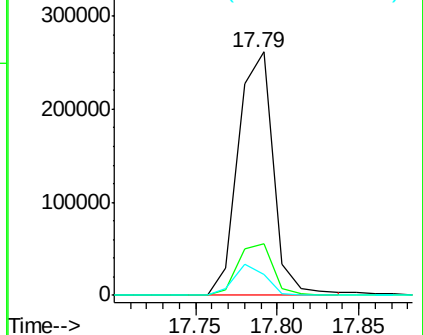
125 8.8 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 32.71 ng

RT: 19.30 min Scan# 1611

Delta R.T. -0.06 min

Lab File: BF077671.D

Acq: 10 Mar 2015 20:03

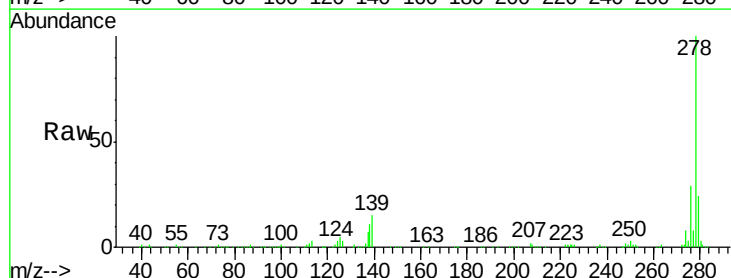
Tgt Ion:278 Resp: 381096

Ion Ratio Lower Upper

278 100

139 15.4 14.3 21.5

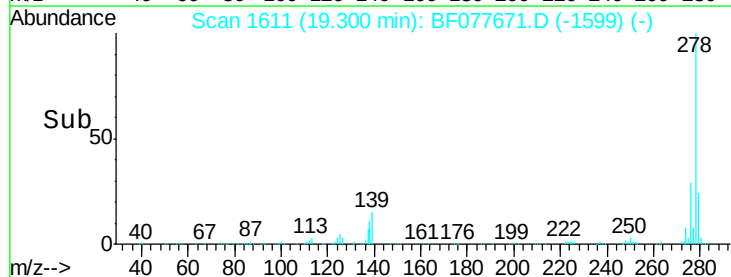
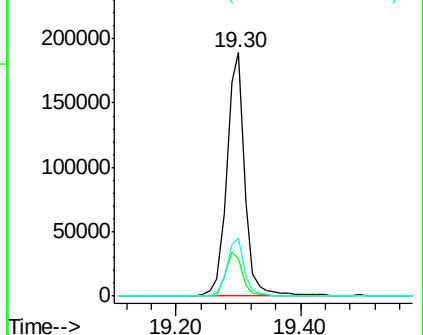
279 23.6 19.0 28.6

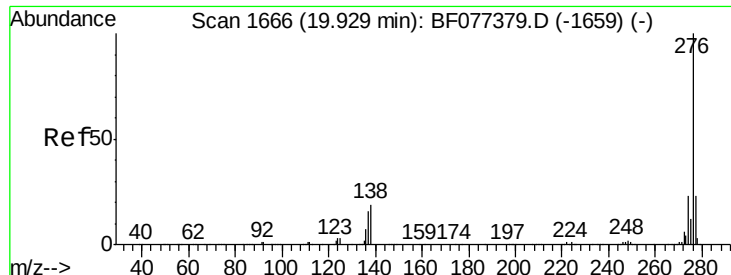


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 32.84 ng
 RT: 19.68 min Scan# 1644
 Delta R.T. -0.07 min
 Lab File: BF077671.D
 Acq: 10 Mar 2015 20:03

Instrument :
 BNA_F
 ClientSampleId :
 B2(8-9)MS

Tgt Ion:	276	Resp:	386140
Ion Ratio		Lower	Upper
276	100		
277	23.3	18.9	28.3
138	24.7	20.5	30.7

