

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030915\
 Data File : BF077651.D
 Acq On : 9 Mar 2015 21:27
 Operator : TP/IZ
 Sample : G1453-03MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SEP4MS

Quant Time: Mar 10 03:19:54 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 00:35:08 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.19	152	58223	20.00	ng	0.00
21) Naphthalene-d8	8.77	136	248181	20.00	ng	0.00
38) Acenaphthene-d10	10.94	164	126740	20.00	ng	0.00
63) Phenanthrene-d10	12.78	188	230150	20.00	ng	0.00
75) Chrysene-d12	16.07	240	234318	20.00	ng	0.00
86) Perylene-d12	17.78	264	243830	20.00	ng	0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	398602	114.29	ng	0.00
7) Phenol-d6	6.76	99	541492	120.76	ng	0.00
23) Nitrobenzene-d5	7.88	82	280925	70.39	ng	0.00
41) 2,4,6-Tribromophenol	11.92	330	126652	103.78	ng	0.00
44) 2-Fluorobiphenyl	10.11	172	561188	69.04	ng	0.00
78) Terphenyl-d14	14.77	244	576278	57.50	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.10	88	41913	28.32	ng	98
3) Pyridine	2.84	79	117970	27.86	ng	90
4) n-Nitrosodimethylamine	2.73	42	59718	32.44	ng	# 97
6) Aniline	6.79	93	80541	13.00	ng	# 57
8) 2-Chlorophenol	6.92	128	151968	36.94	ng	96
9) Benzaldehyde	6.64	77	19553	7.18	ng	93
10) Phenol	6.78	94	204321	38.40	ng	87
11) bis(2-Chloroethyl)ether	6.88	93	137566	35.98	ng	99
12) 1,3-Dichlorobenzene	7.12	146	152479	34.03	ng	# 93
13) 1,4-Dichlorobenzene	7.21	146	151033	33.14	ng	96
14) 1,2-Dichlorobenzene	7.40	146	151271	34.89	ng	96
15) Benzyl Alcohol	7.38	79	124622	36.56	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.55	45	184649	33.79	ng	97
17) 2-Methylphenol	7.53	107	126299	39.27	ng	99
18) Hexachloroethane	7.81	117	51610	33.90	ng	# 87
19) n-Nitroso-di-n-propylamine	7.71	70	105006	36.87	ng	96
20) 3+4-Methylphenols	7.72	107	164782	38.91	ng	# 76
22) Acetophenone	7.70	105	207010	35.46	ng	# 88
24) Nitrobenzene	7.91	77	146628	34.92	ng	# 82
25) Isophorone	8.21	82	269942	34.09	ng	96
26) 2-Nitrophenol	8.30	139	72480	42.12	ng	# 89
27) 2,4-Dimethylphenol	8.37	122	141590	36.77	ng	97
28) bis(2-Chloroethoxy)methane	8.49	93	168623	33.71	ng	98
29) 2,4-Dichlorophenol	8.60	162	132252	36.59	ng	94
30) 1,2,4-Trichlorobenzene	8.70	180	133236	33.53	ng	98
31) Naphthalene	8.80	128	505269	40.71	ng	99
32) Benzoic acid	8.45	122	21034	11.24	ng	94
33) 4-Chloroaniline	8.88	127	75092	13.61	ng	97
34) Hexachlorobutadiene	8.95	225	70053	30.88	ng	98
35) Caprolactam	9.29	113	40982	37.14	ng	94
36) 4-Chloro-3-methylphenol	9.48	107	138357	38.08	ng	97
37) 2-Methylnaphthalene	9.65	142	331983	37.67	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.86	216	137562	37.83	ng	97
40) Hexachlorocyclopentadiene	9.85	237	80268	41.16	ng	98

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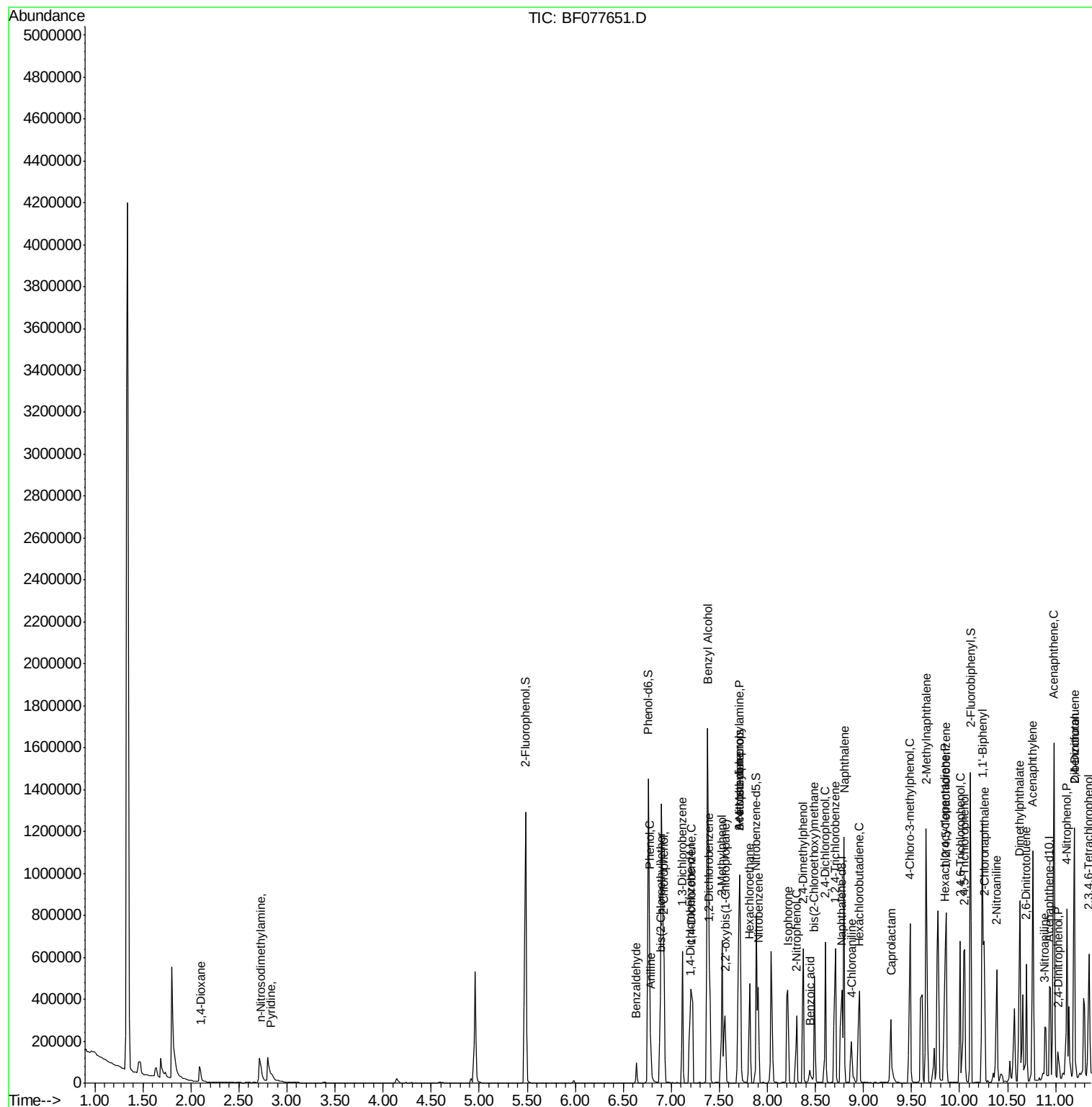
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.01	196	97484	40.48	nq	99
43) 2,4,5-Trichlorophenol	10.05	196	100849	39.16	nq	# 95
45) 1,1'-Biphenyl	10.24	154	373719	38.92	nq	99
46) 2-Chloronaphthalene	10.25	162	289260	38.41	nq	94
47) 2-Nitroaniline	10.38	65	82988	44.77	nq	# 84
48) Acenaphthylene	10.76	152	463057	38.84	nq	99
49) Dimethylphthalate	10.62	163	346667	38.91	nq	98
50) 2,6-Dinitrotoluene	10.70	165	70054	39.21	nq	# 60
51) Acenaphthene	10.98	154	354364	49.81	nq	99
52) 3-Nitroaniline	10.90	138	61999	30.10	nq	84
53) 2,4-Dinitrophenol	11.03	184	15336	28.21	nq	# 83
54) Dibenzofuran	11.20	168	424169	38.62	nq	99
55) 4-Nitrophenol	11.12	139	142259	85.86	nq	82
56) 2,4-Dinitrotoluene	11.19	165	84899	35.17	nq	# 61
57) Fluorene	11.62	166	391092	44.54	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.35	232	73981	35.73	nq	# 96
59) Diethylphthalate	11.50	149	290099	33.03	nq	95
60) 4-Chlorophenyl-phenylether	11.63	204	139359	32.94	nq	99
61) 4-Nitroaniline	11.65	138	68350	34.62	nq	98
62) Azobenzene	11.82	77	293189	35.18	nq	94
64) 4,6-Dinitro-2-methylphenol	11.69	198	19989	23.80	nq	# 58
65) n-Nitrosodiphenylamine	11.78	169	267919	35.08	nq	98
66) 4-Bromophenyl-phenylether	12.23	248	85832	31.85	nq	94
67) Hexachlorobenzene	12.29	284	94990	32.84	nq	# 87
68) Atrazine	12.45	200	87834	35.38	nq	97
69) Pentachlorophenol	12.55	266	105014	69.07	nq	100
70) Phenanthrene	12.81	178	1379715	103.43	nq	98
71) Anthracene	12.87	178	749862	56.65	nq	99
72) Carbazole	13.08	167	492545	39.13	nq	99
73) Di-n-butylphthalate	13.53	149	455793	30.84	nq	99
74) Fluoranthene	14.29	202	1336989	91.76	nq	96
76) Benzidine	14.47	184	146580	18.52	nq	97
77) Pyrene	14.57	202	1477599	103.09	nq	98
79) Butylbenzylphthalate	15.39	149	205869	34.91	nq	87
80) Benzo(a)anthracene	16.06	228	931089	67.80	nq	97
81) 3,3'-Dichlorobenzidine	16.03	252	97841	19.44	nq	# 94
82) Chrysene	16.10	228	789745	61.24	nq	98
83) Bis(2-ethylhexyl)phthalate	16.11	149	279182	29.52	nq	# 96
84) Di-n-octyl phthalate	16.90	149	489931	31.03	nq	# 91
85) Indeno(1,2,3-cd)pyrene	19.19	276	731396	49.74	nq	99
87) Benzo(b)fluoranthene	17.35	252	929338m	65.54	nq	
88) Benzo(k)fluoranthene	17.37	252	505854m	36.40	nq	
89) Benzo(a)pyrene	17.71	252	768659	56.92	nq	# 97
90) Dibenzo(a,h)anthracene	19.21	278	522864	40.60	nq	98
91) Benzo(g,h,i)perylene	19.60	276	645771	49.68	nq	99

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

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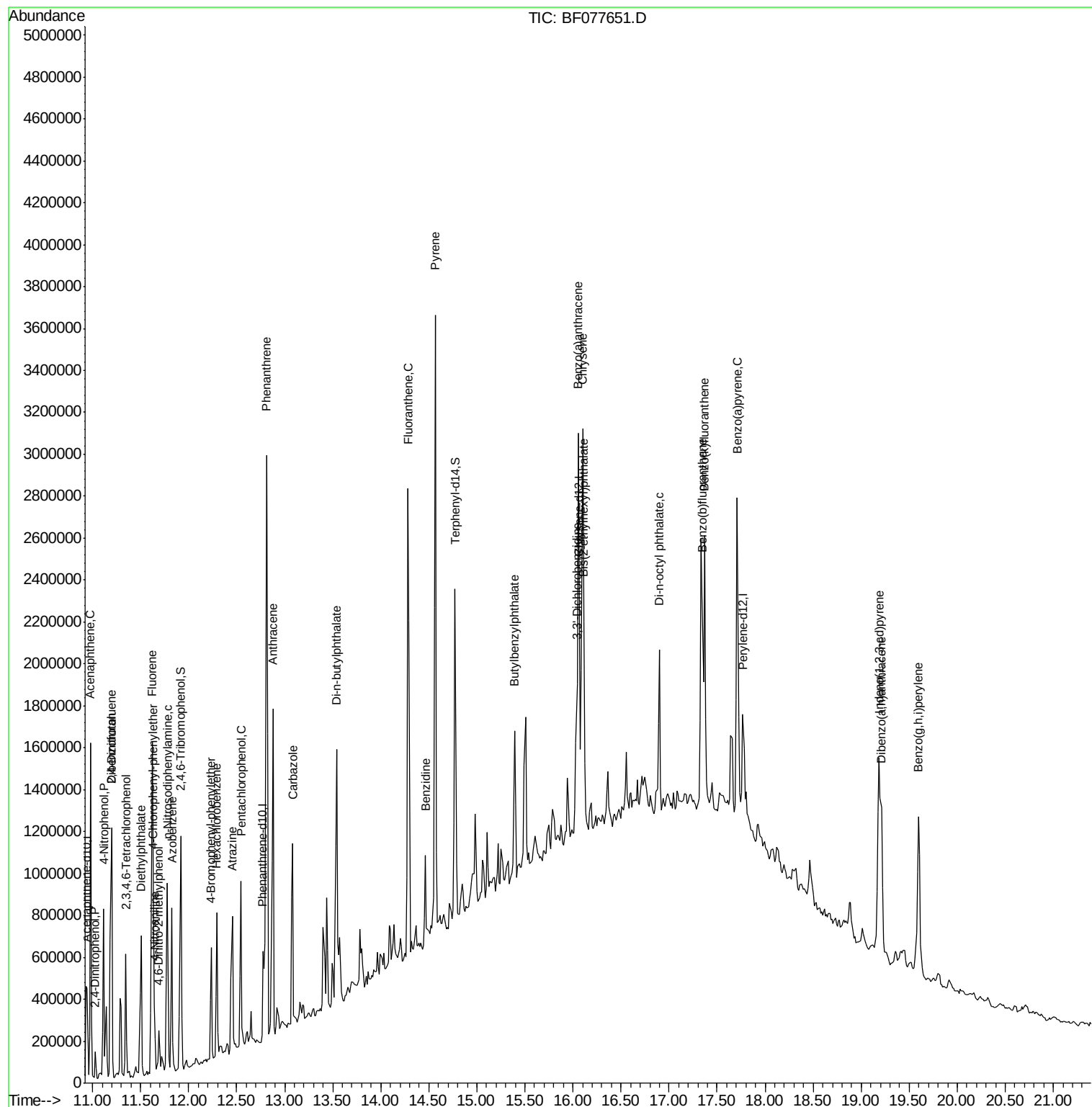
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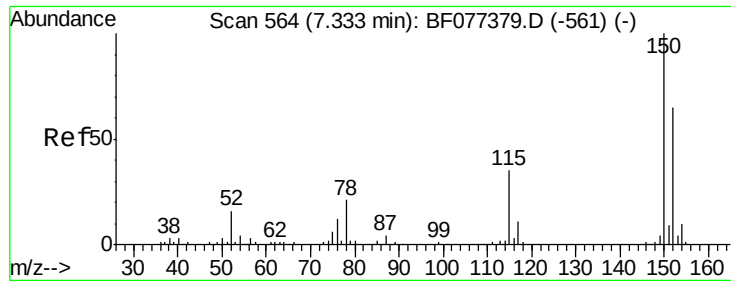


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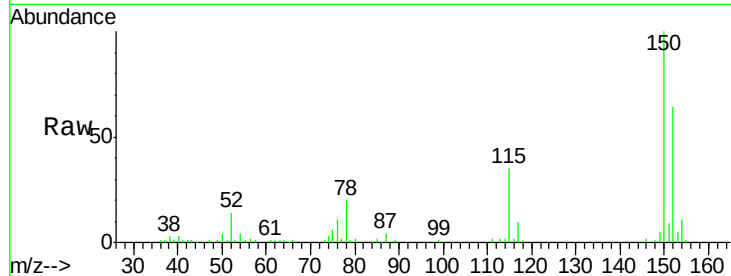


#1

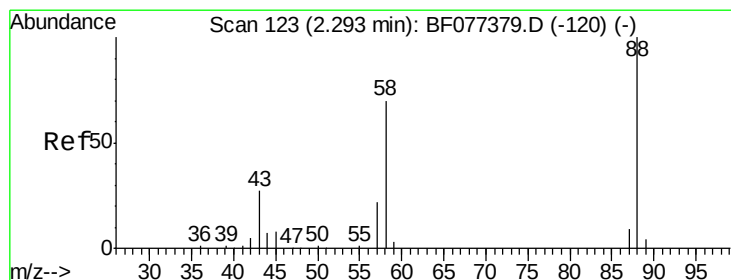
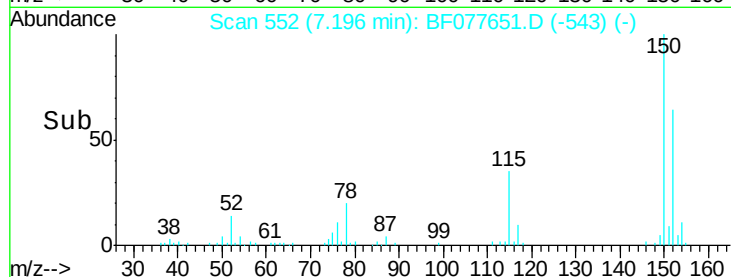
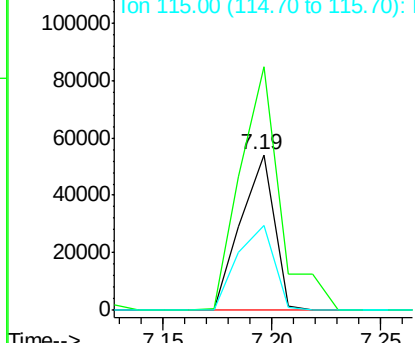
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.19 min Scan# 552
Delta R.T. -0.00 min
Lab File: BF077651.D
Acq: 9 Mar 2015 21:27

Instrument :
BNA_F
ClientSampleId :
SEP4MS

Tot Ion:152 Resp: 58223
Ion Ratio Lower Upper
152 100
150 156.3 124.0 186.0
115 54.2 49.4 74.2



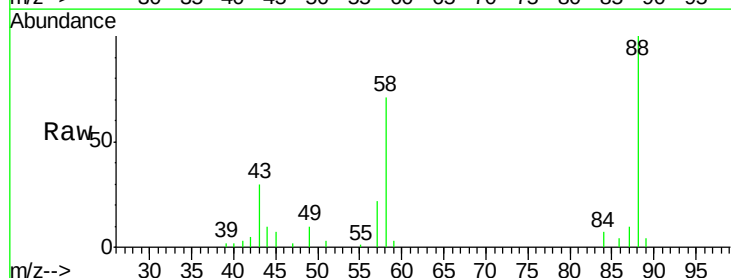
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



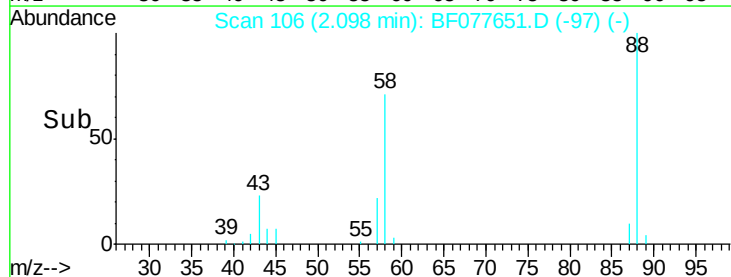
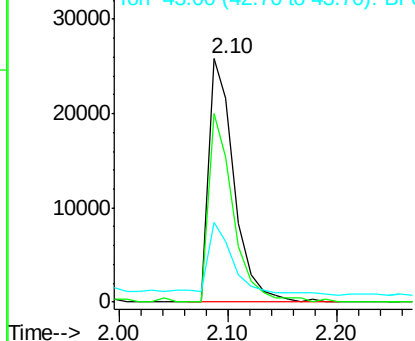
#2

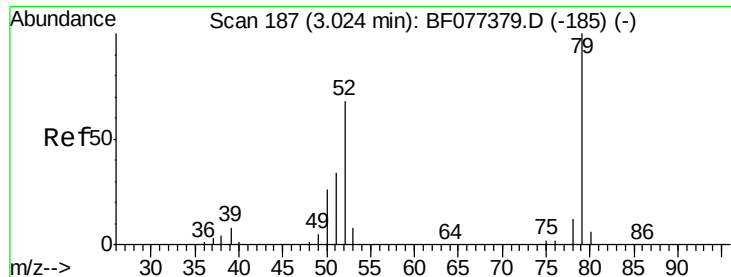
1,4-Dioxane
Concen: 28.32 ng
RT: 2.10 min Scan# 106
Delta R.T. 0.00 min
Lab File: BF077651.D
Acq: 9 Mar 2015 21:27

Tgt Ion: 88 Resp: 41913
Ion Ratio Lower Upper
88 100
58 75.6 62.1 93.1
43 30.3 24.0 36.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 27.86 ng

RT: 2.84 min Scan# 171

Delta R.T. 0.04 min

Lab File: BF077651.D

Acq: 9 Mar 2015 21:27

Instrument :

BNA_F

ClientSampleId :

SEP4MS

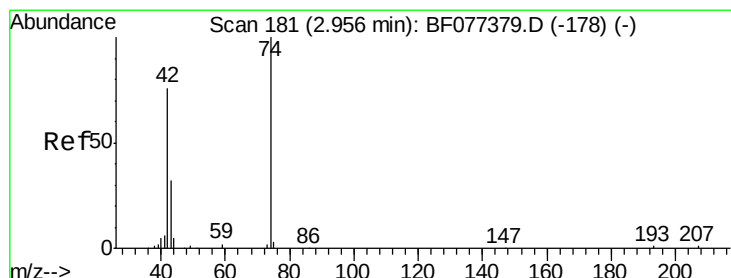
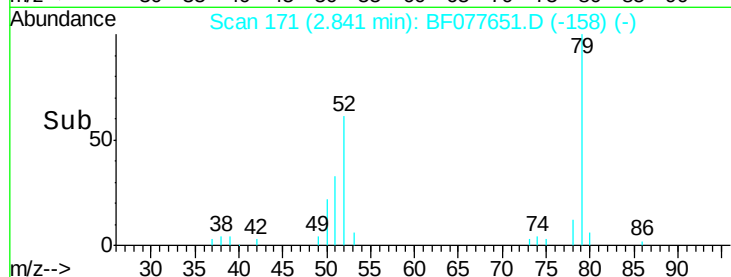
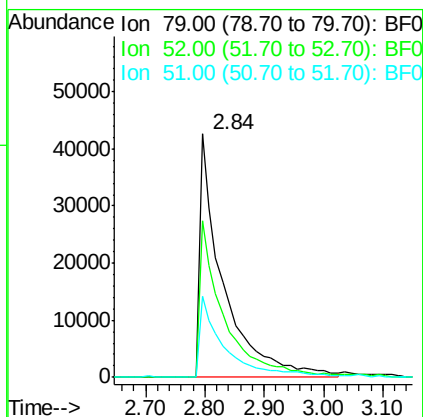
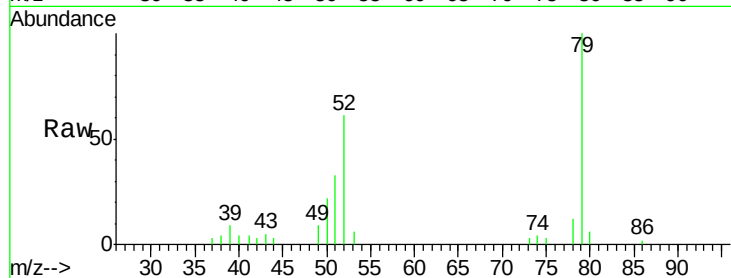
Tot Ion: 79 Resp: 117970

Ion Ratio Lower Upper

79 100

52 61.5 57.7 86.5

51 33.1 28.5 42.7



#4

n-Nitrosodimethylamine

Concen: 32.44 ng

RT: 2.73 min Scan# 162

Delta R.T. 0.01 min

Lab File: BF077651.D

Acq: 9 Mar 2015 21:27

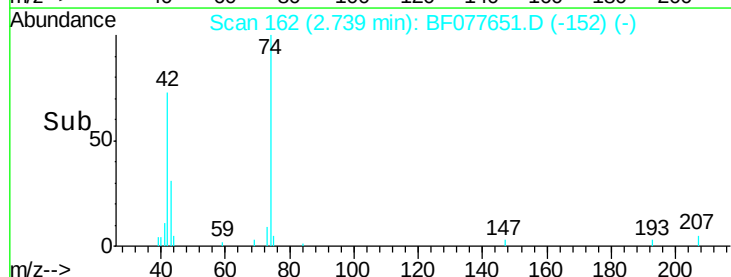
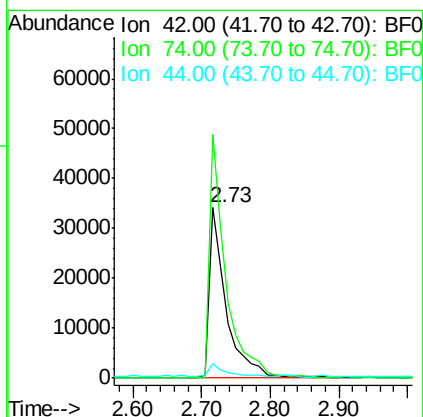
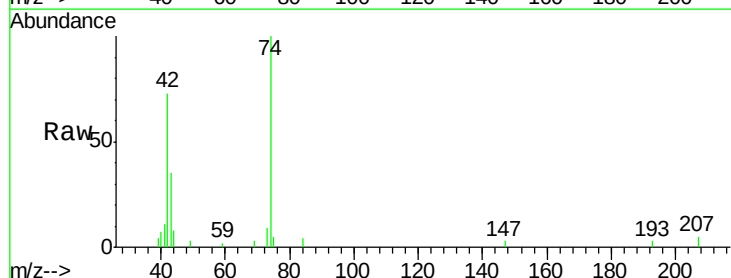
Tgt Ion: 42 Resp: 59718

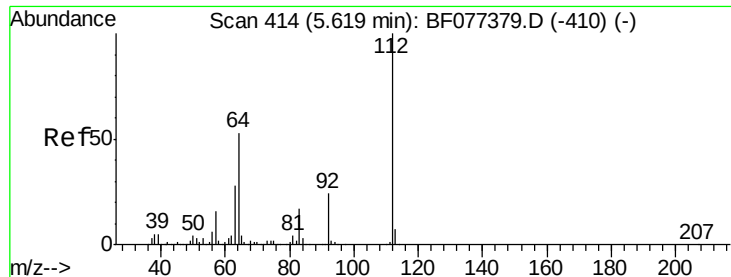
Ion Ratio Lower Upper

42 100

74 136.9 107.1 160.7

44 11.1 6.7 10.1#





#5

2-Fluorophenol

Concen: 114.29 ng

RT: 5.48 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF077651.D

Acq: 9 Mar 2015 21:27

Instrument :

BNA_F

ClientSampleId :

SEP4MS

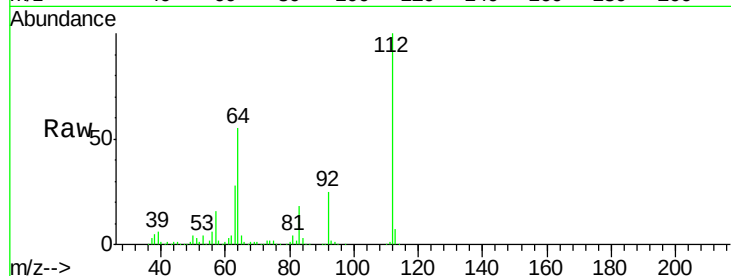
Tot Ion:112 Resp: 398602

Ion Ratio Lower Upper

112 100

64 55.2 48.5 72.7

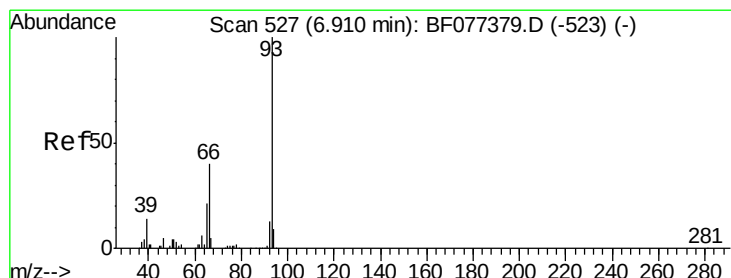
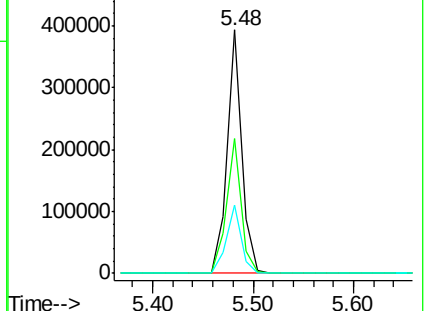
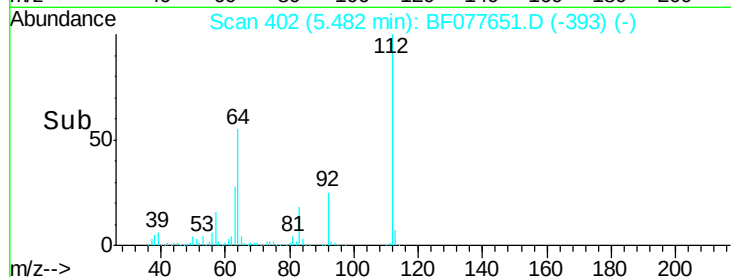
63 28.1 25.0 37.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 13.00 ng

RT: 6.79 min Scan# 516

Delta R.T. 0.01 min

Lab File: BF077651.D

Acq: 9 Mar 2015 21:27

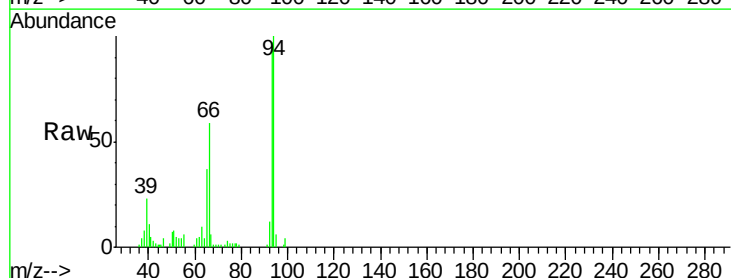
Tgt Ion: 93 Resp: 80541

Ion Ratio Lower Upper

93 100

66 61.6 29.1 43.7#

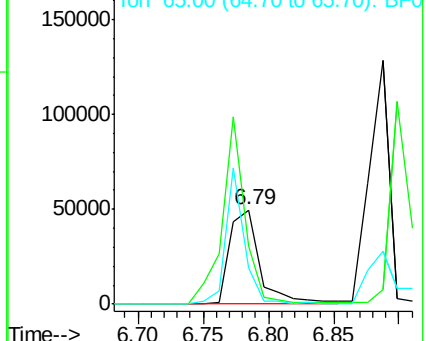
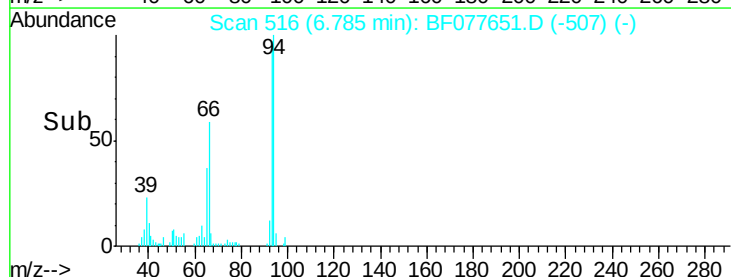
65 38.1 14.6 22.0#

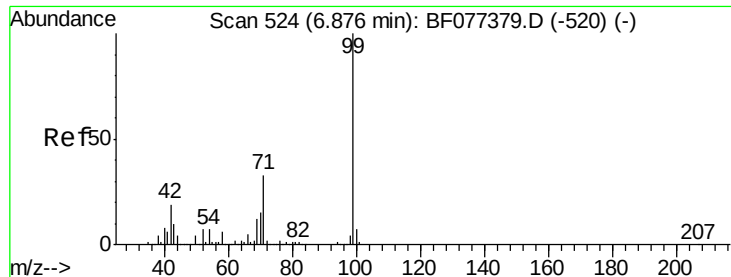


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 120.76 ng

RT: 6.76 min Scan# 514

Delta R.T. -0.00 min

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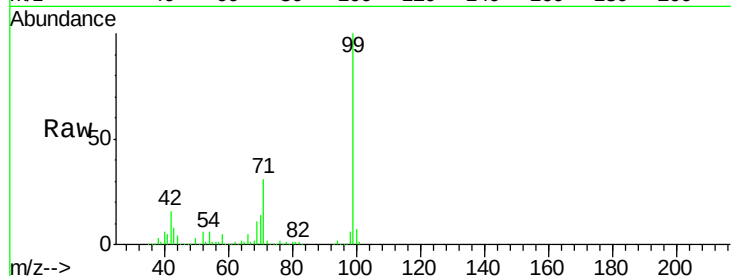
Tot Ion: 99 Resp: 541492

Ion Ratio Lower Upper

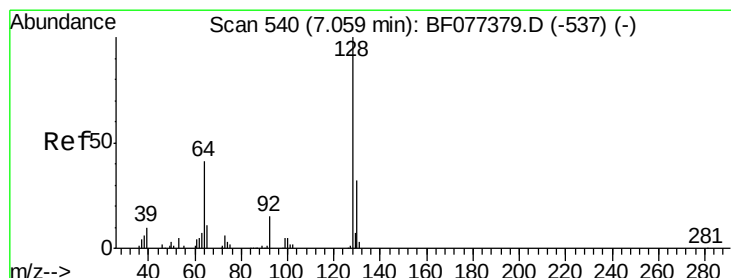
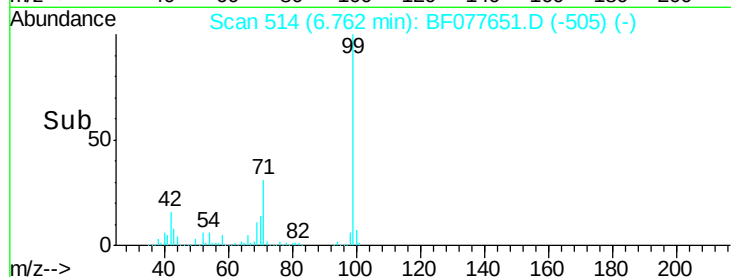
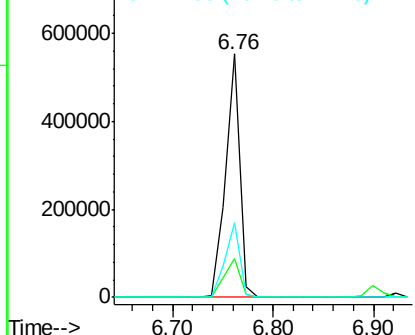
99 100

42 15.7 16.2 24.4#

71 30.7 26.7 40.1



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



#8

2-Chlorophenol

Concen: 36.94 ng

RT: 6.92 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF077651.D

Acq: 9 Mar 2015 21:27

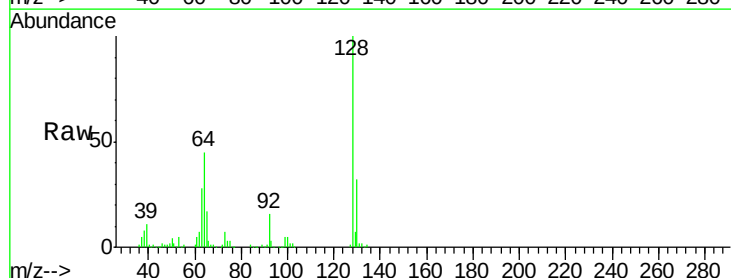
Tgt Ion:128 Resp: 151968

Ion Ratio Lower Upper

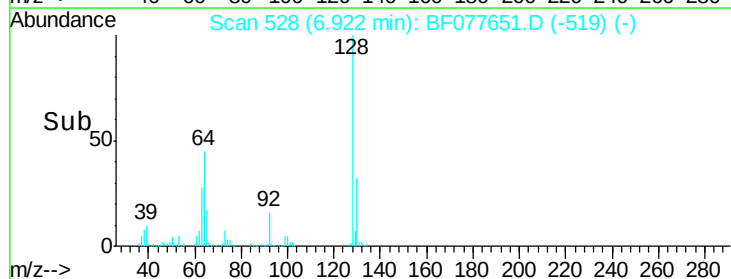
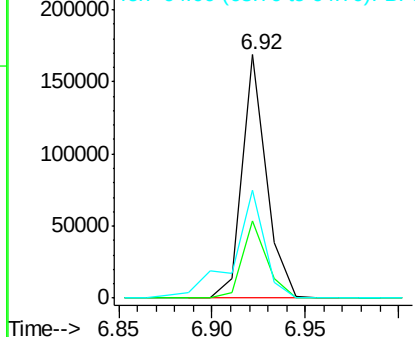
128 100

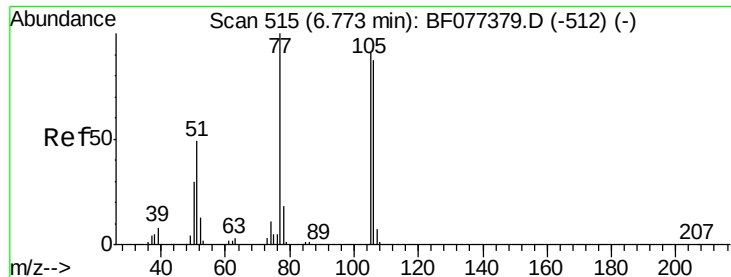
130 32.0 12.0 52.0

64 44.6 29.2 69.2



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





#9

Benzaldehyde

Concen: 7.18 ng

RT: 6.64 min Scan# 503

Delta R.T. -0.00 min

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ClientSampled :

SEP4MS

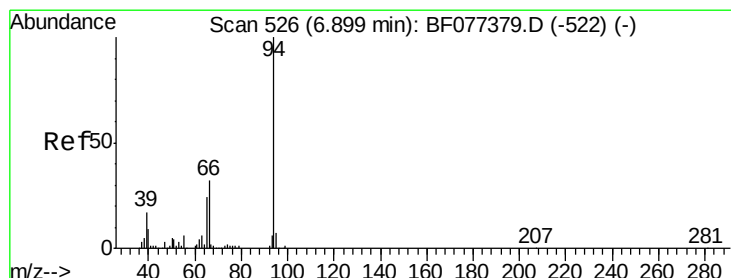
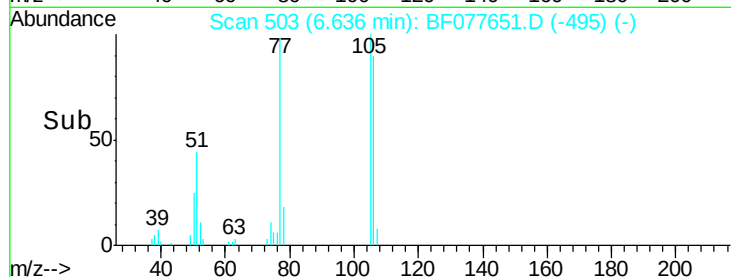
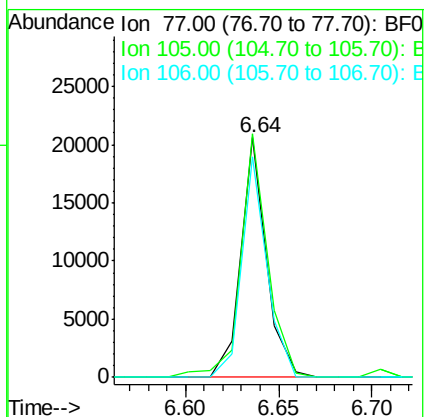
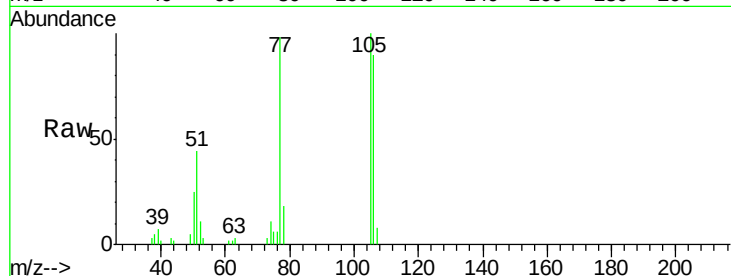
Tot Ion: 77 Resp: 19553

Ion Ratio Lower Upper

77 100

105 101.7 85.9 125.9

106 91.9 82.9 122.9



#10

Phenol

Concen: 38.40 ng

RT: 6.78 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF077651.D

Acq: 9 Mar 2015 21:27

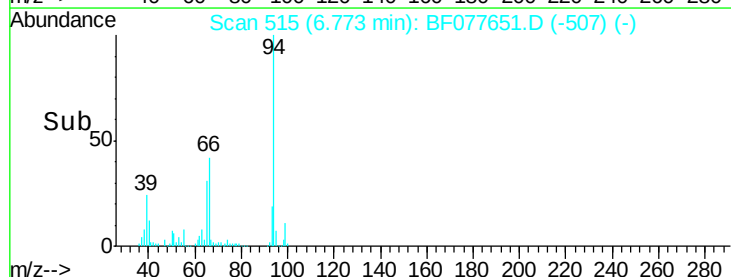
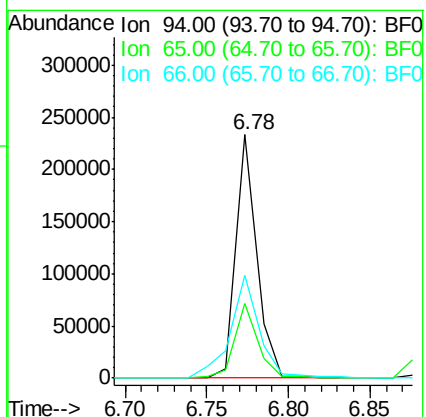
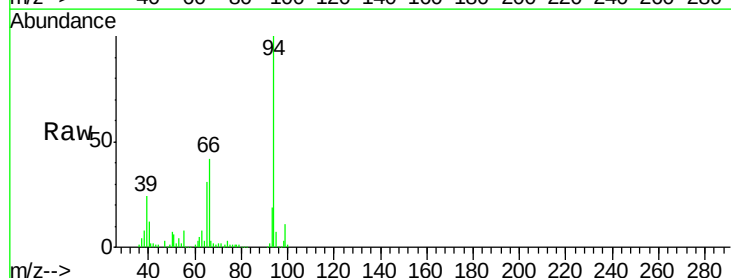
Tgt Ion: 94 Resp: 204321

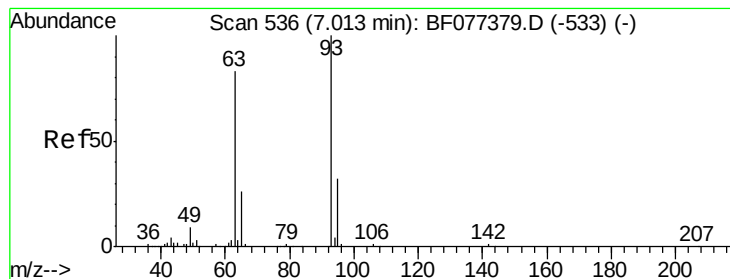
Ion Ratio Lower Upper

94 100

65 30.7 5.7 45.7

66 42.4 13.6 53.6

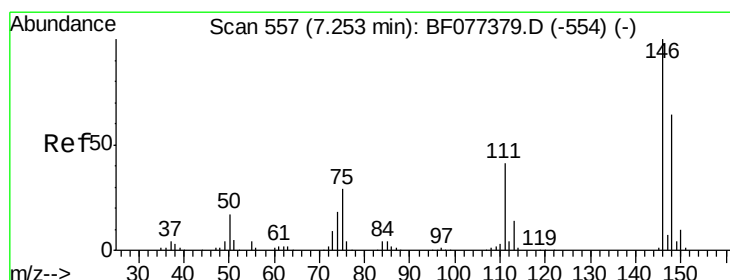
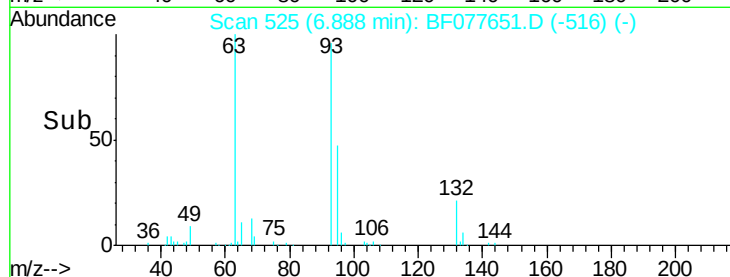
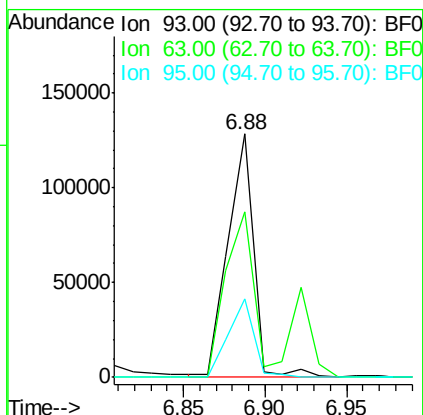
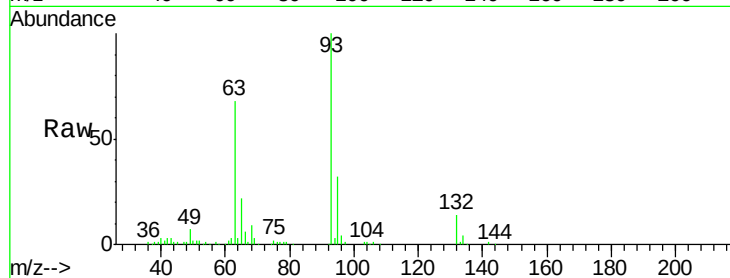




#11
bis(2-Chloroethyl)ether
Concen: 35.98 ng
RT: 6.88 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF077651.D
Acq: 9 Mar 2015 21:27

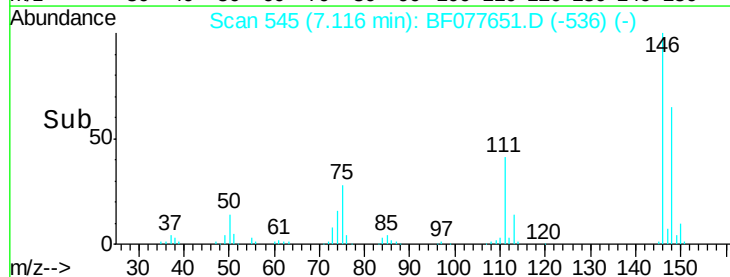
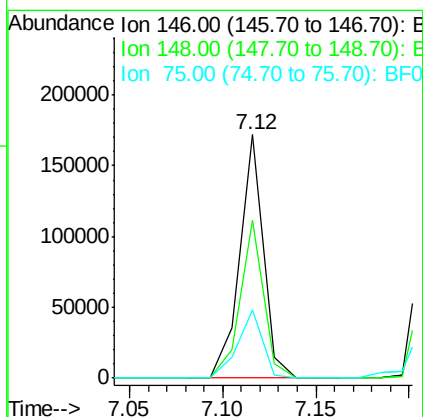
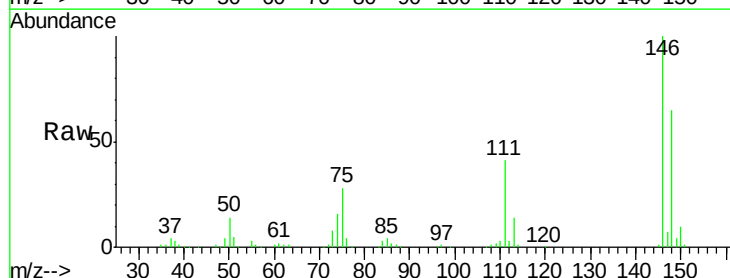
Instrument :
BNA_F
ClientSampleId :
SEP4MS

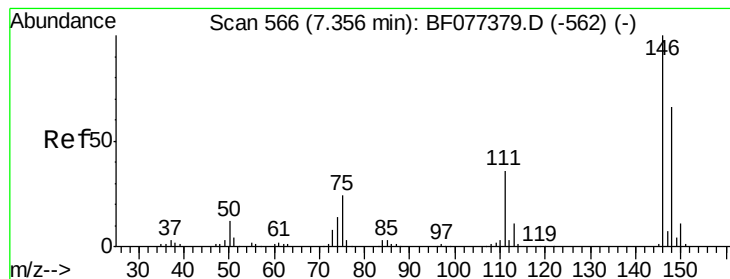
Tot Ion: 93 Resp: 137566
Ion Ratio Lower Upper
93 100
63 68.1 48.7 88.7
95 32.4 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 34.03 ng
RT: 7.12 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF077651.D
Acq: 9 Mar 2015 21:27

Tgt Ion: 146 Resp: 152479
Ion Ratio Lower Upper
146 100
148 64.7 49.8 74.8
75 27.8 28.2 42.4#





#13

1,4-Dichlorobenzene

Concen: 33.14 ng

RT: 7.21 min Scan# 554

Delta R.T. -0.00 min

Lab File: BF077651.D

Acq: 9 Mar 2015 21:27

Instrument :

BNA_F

ClientSampleId :

SEP4MS

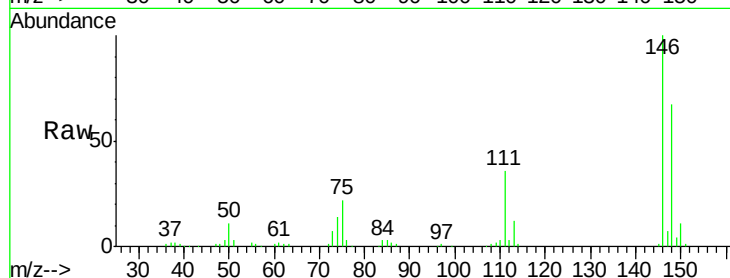
Tot Ion:146 Resp: 151033

Ion Ratio Lower Upper

146 100

148 66.7 52.0 78.0

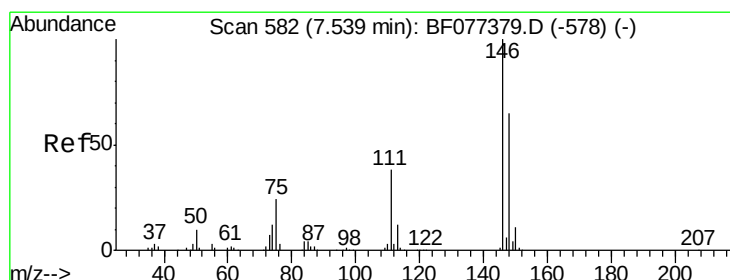
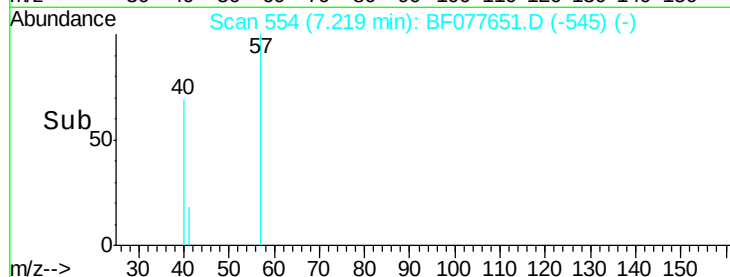
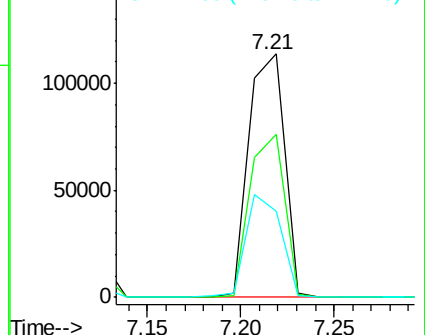
111 35.6 31.9 47.9



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 34.89 ng

RT: 7.40 min Scan# 570

Delta R.T. -0.00 min

Lab File: BF077651.D

Acq: 9 Mar 2015 21:27

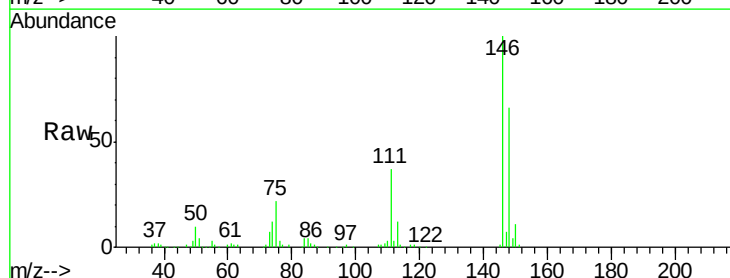
Tgt Ion:146 Resp: 151271

Ion Ratio Lower Upper

146 100

148 65.6 51.6 77.4

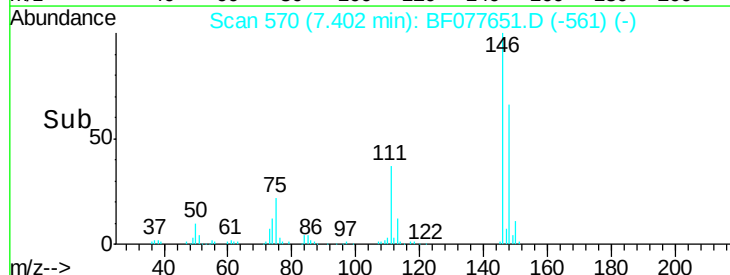
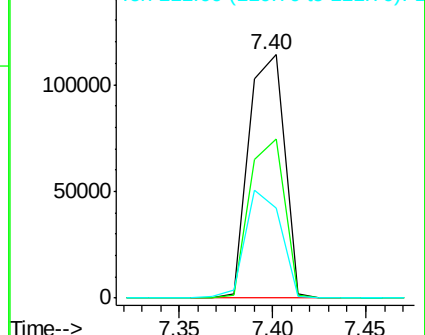
111 37.2 34.2 51.2

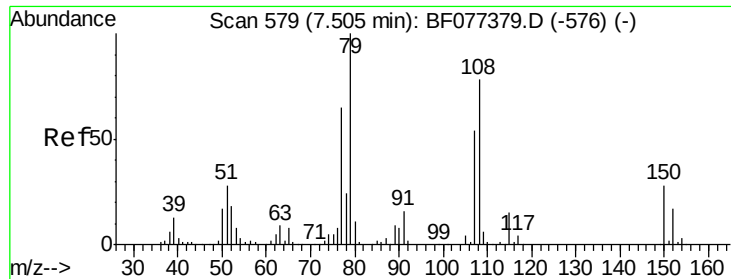


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.56 ng

RT: 7.38 min Scan# 568

Delta R.T. -0.00 min

Lab File: BF077651.D

Acq: 9 Mar 2015 21:27

Instrument :

BNA_F

ClientSampleId :

SEP4MS

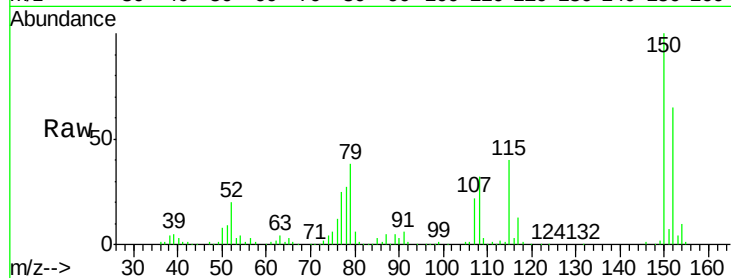
Tot Ion: 79 Resp: 124622

Ion Ratio Lower Upper

79 100

108 84.8 58.3 87.5

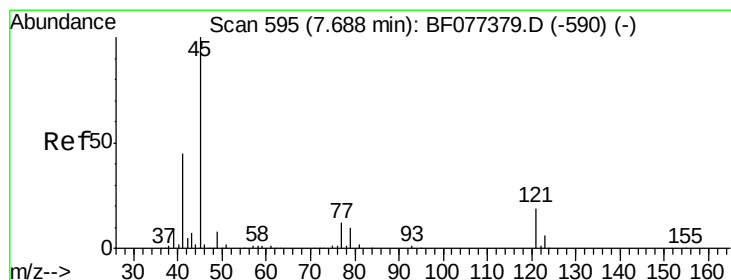
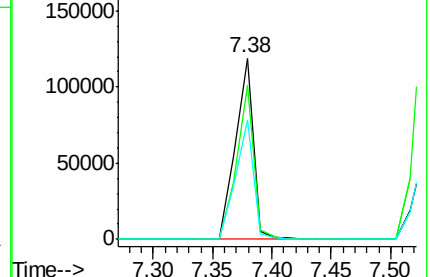
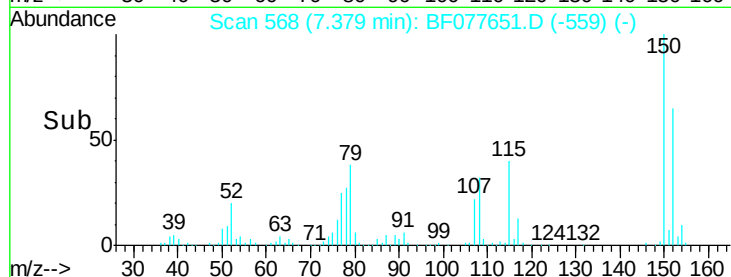
77 66.0 51.3 76.9



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: 33.79 ng

RT: 7.55 min Scan# 583

Delta R.T. -0.00 min

Lab File: BF077651.D

Acq: 9 Mar 2015 21:27

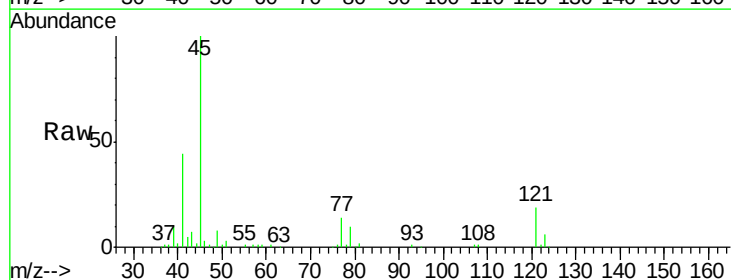
Tgt Ion: 45 Resp: 184649

Ion Ratio Lower Upper

45 100

77 13.5 0.0 34.6

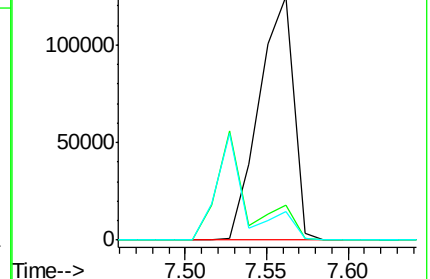
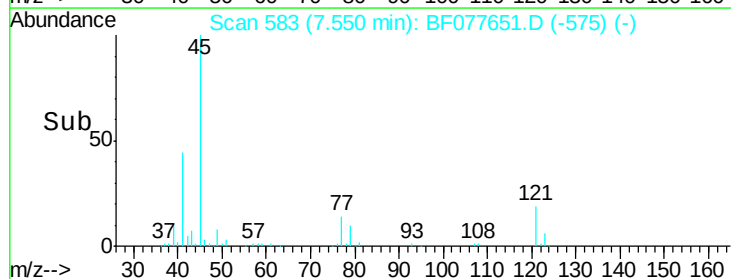
79 10.3 0.0 31.5

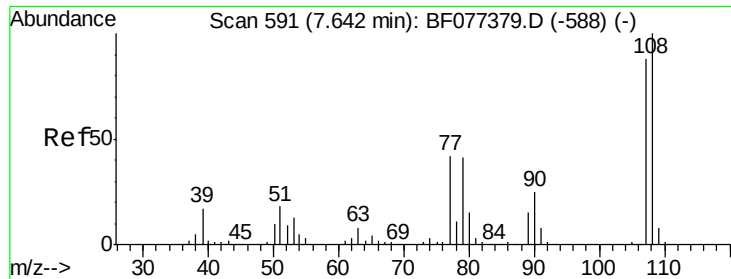


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 39.27 ng

RT: 7.53 min Scan# 581

Delta R.T. -0.00 min

Lab File: BF077651.D

Acq: 9 Mar 2015 21:27

Instrument :

BNA_F

ClientSampleID :

SEP4MS

Tot Ion:107 Resp: 126299

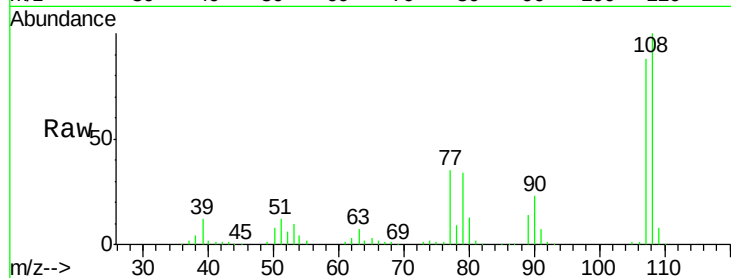
Ion Ratio Lower Upper

107 100

108 114.1 91.2 136.8

77 40.2 33.6 50.4

79 39.2 32.1 48.1

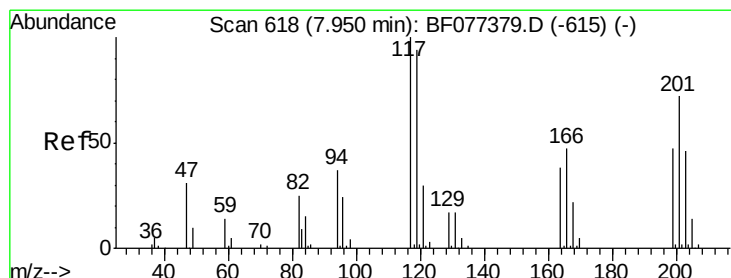
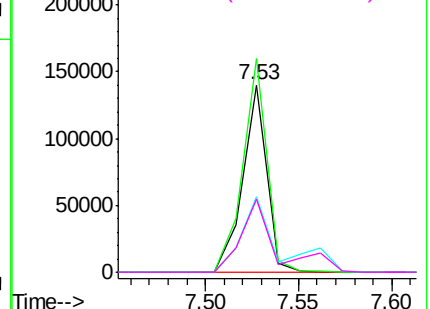
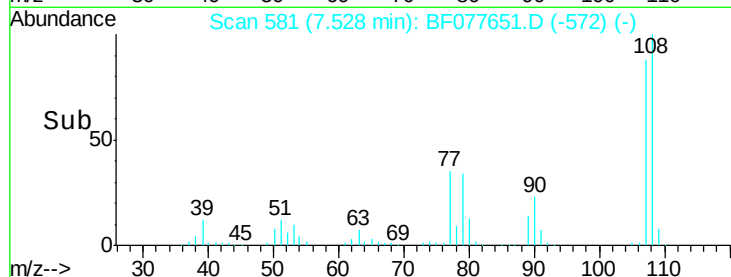


Abundance Ion 107.00 (106.70 to 107.70): E

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: 33.90 ng

RT: 7.81 min Scan# 606

Delta R.T. -0.00 min

Lab File: BF077651.D

Acq: 9 Mar 2015 21:27

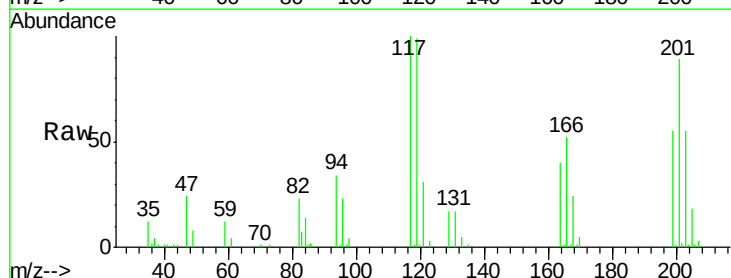
Tgt Ion:117 Resp: 51610

Ion Ratio Lower Upper

117 100

119 98.8 77.8 116.8

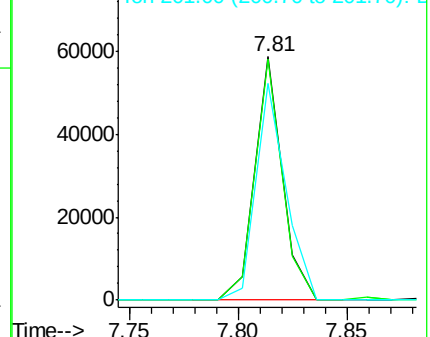
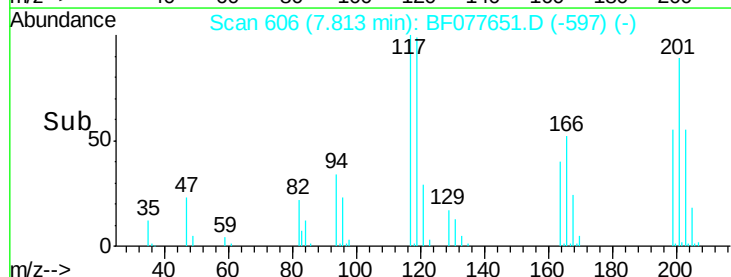
201 89.0 90.6 136.0#

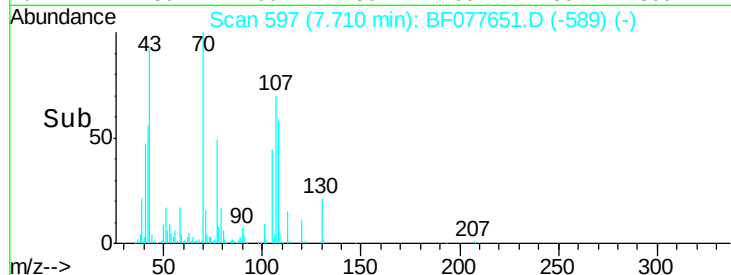
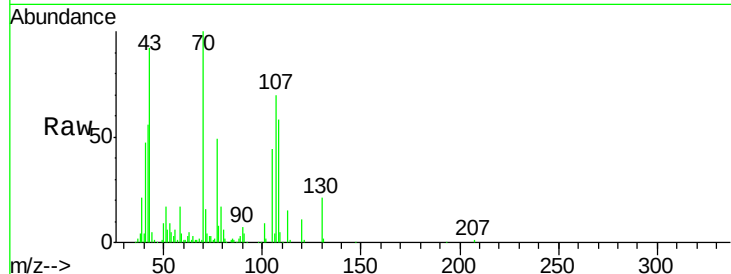
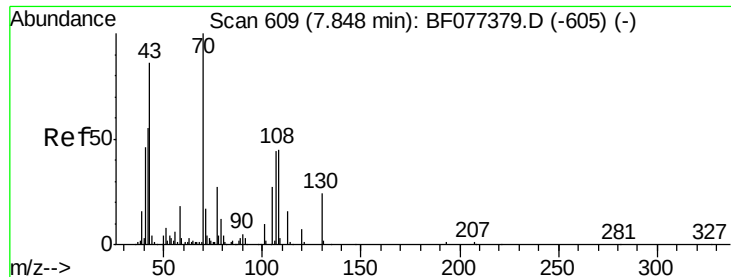


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

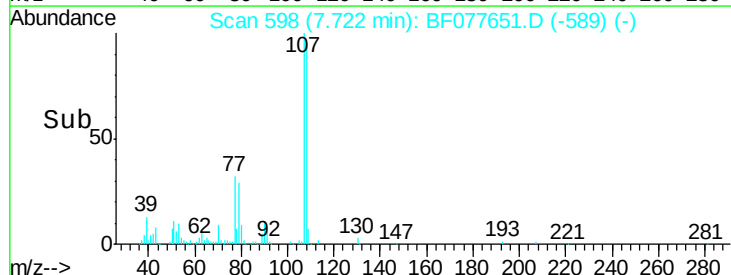
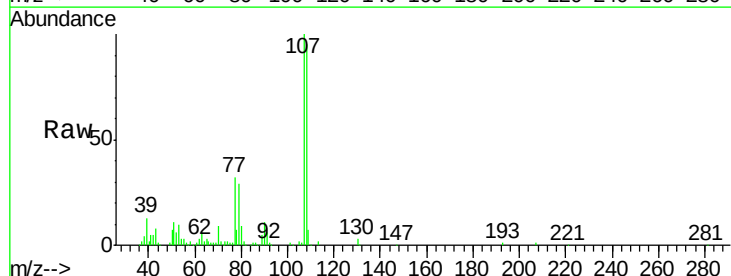
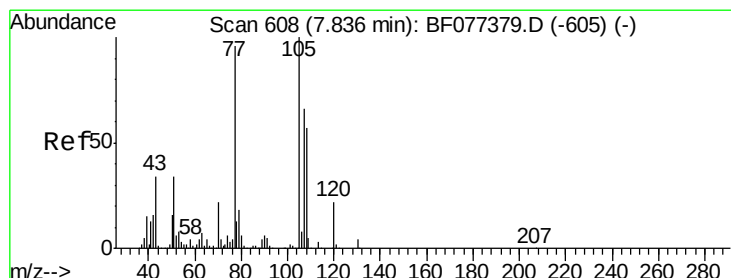
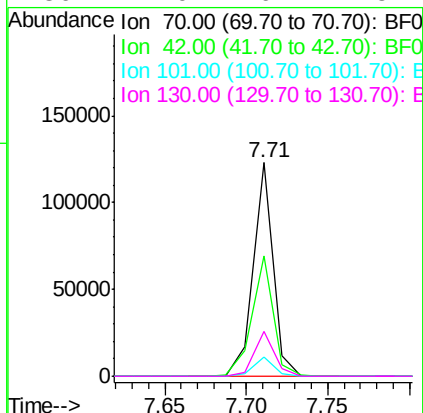




#19
n-Nitroso-di-n-propylamine
Concen: 36.87 ng
RT: 7.71 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF077651.D
Acq: 9 Mar 2015 21:27

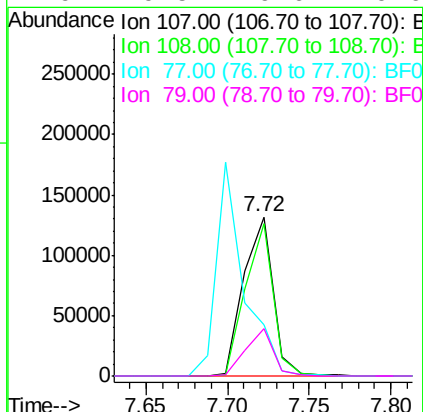
Instrument :
BNA_F
ClientSampleId :
SEP4MS

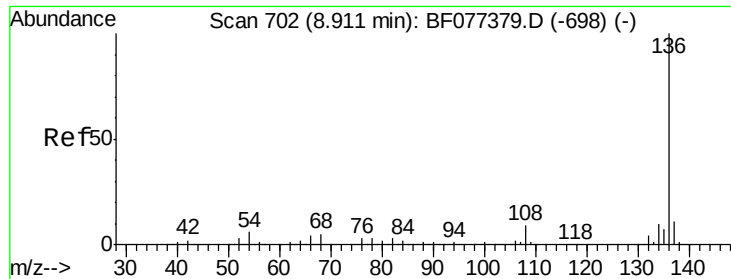
Tot Ion:	70	Resp:	105006
Ion	Ratio	Lower	Upper
70	100		
42	56.3	48.3	72.5
101	9.0	7.5	11.3
130	21.0	16.7	25.1



#20
3+4-Methylphenols
Concen: 38.91 ng
RT: 7.72 min Scan# 598
Delta R.T. 0.00 min
Lab File: BF077651.D
Acq: 9 Mar 2015 21:27

Tgt Ion:	107	Resp:	164782
Ion	Ratio	Lower	Upper
107	100		
108	95.5	76.8	116.8
77	32.3	65.8	105.8#
79	29.5	9.6	49.6

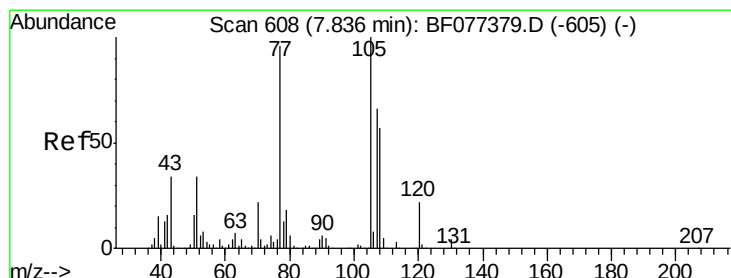
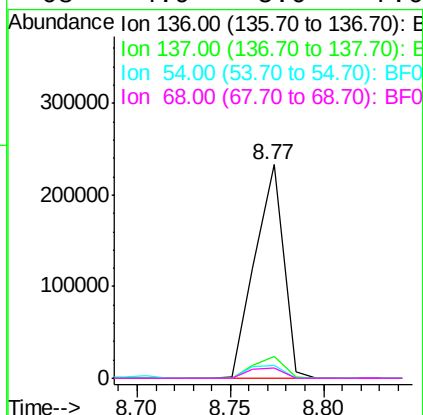
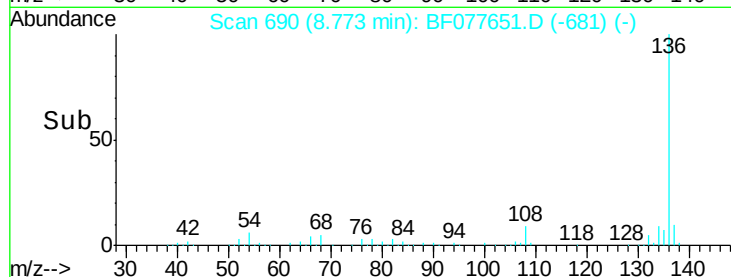
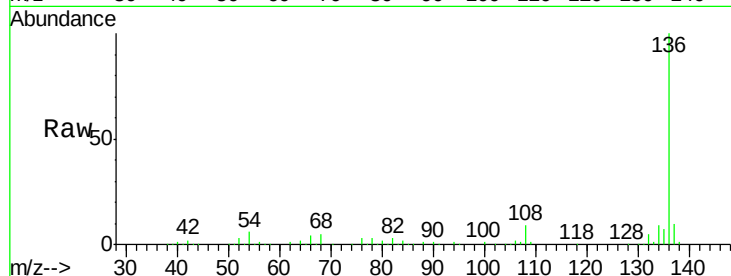




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.77 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF077651.D
Acq: 9 Mar 2015 21:27

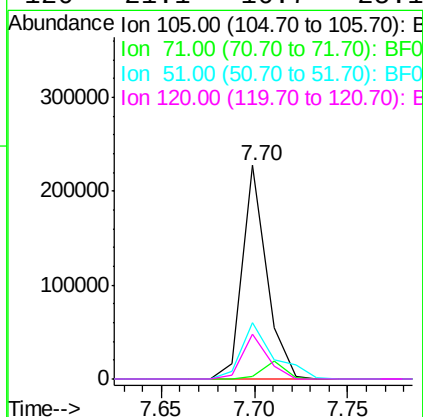
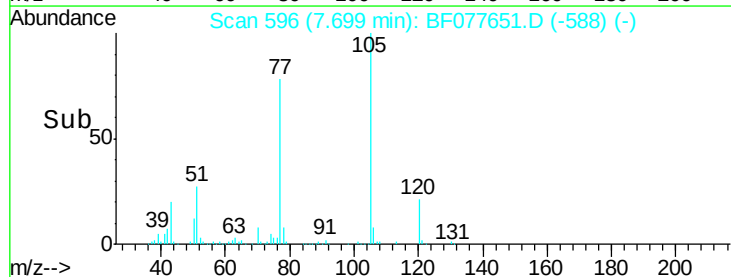
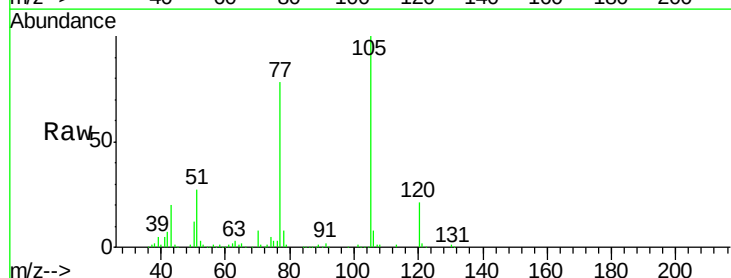
Instrument :
BNA_F
ClientSampleId :
SEP4MS

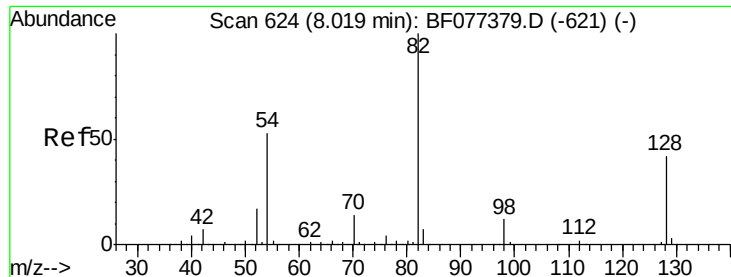
Tot Ion:136	Resp:	248181
Ion Ratio	Lower	Upper
136	100	
137	10.3	8.6 13.0
54	5.7	6.2 9.4#
68	4.9	5.0 7.6#



#22
Acetophenone
Concen: 35.46 ng
RT: 7.70 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF077651.D
Acq: 9 Mar 2015 21:27

Tgt Ion:105	Resp:	207010
Ion Ratio	Lower	Upper
105	100	
71	1.5	1.7 2.5#
51	26.6	30.7 46.1#
120	21.1	16.7 25.1

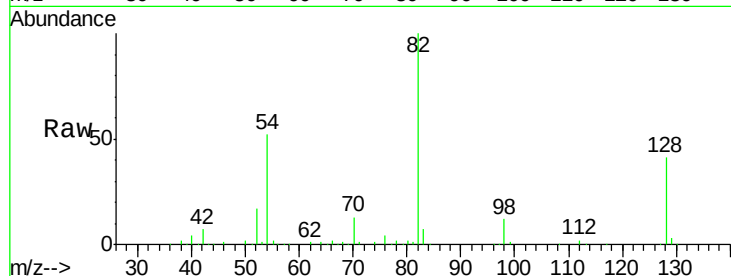




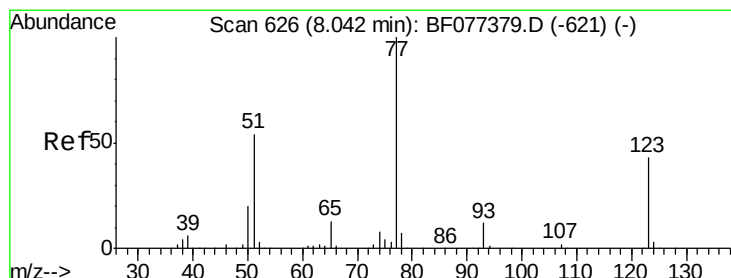
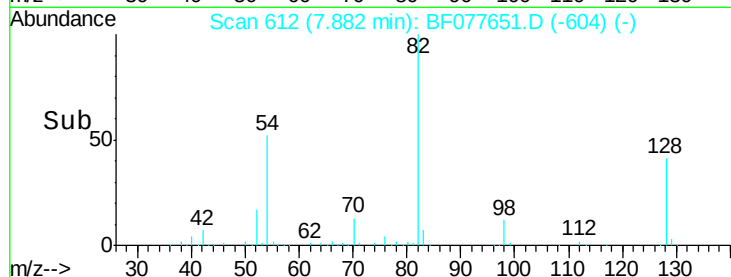
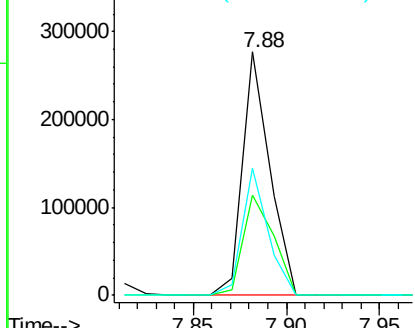
#23
Nitrobenzene-d5
Concen: 70.39 ng
RT: 7.88 min Scan# 612
Delta R.T. -0.00 min
Lab File: BF077651.D
Acq: 9 Mar 2015 21:27

Instrument :
BNA_F
ClientSampleId :
SEP4MS

Tot Ion	82	Resp	280925
Ion Ratio	100		
Lower	43.8		
Upper	65.8#		
54	52.3	36.7	55.1

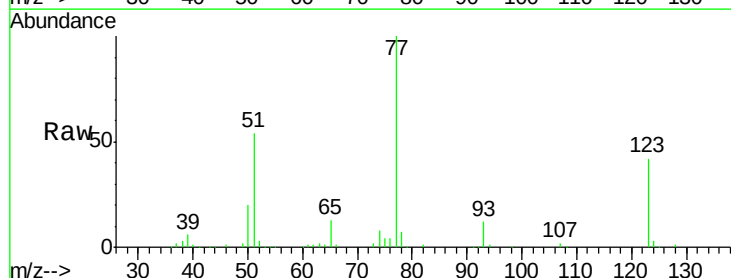


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

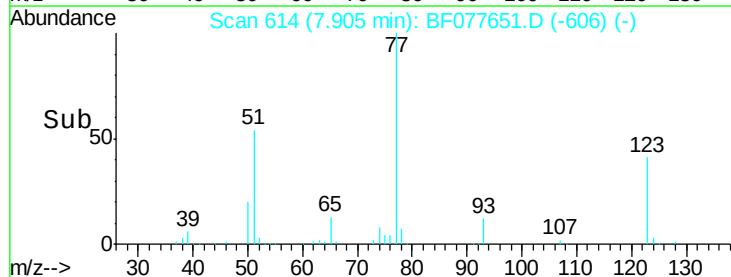
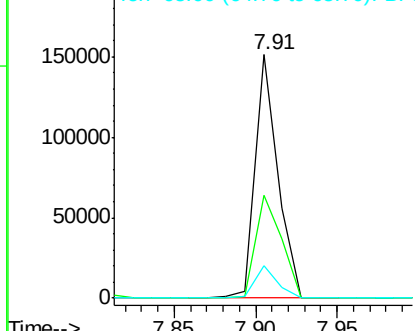


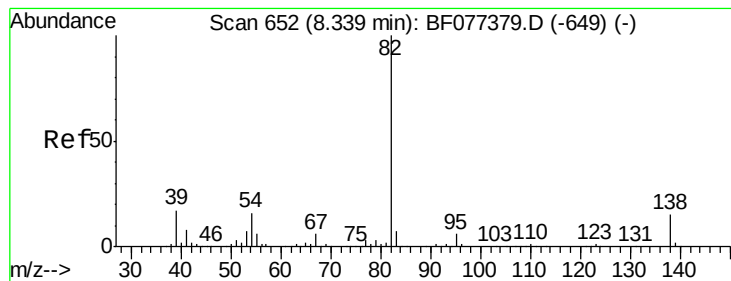
#24
Nitrobenzene
Concen: 34.92 ng
RT: 7.91 min Scan# 614
Delta R.T. -0.00 min
Lab File: BF077651.D
Acq: 9 Mar 2015 21:27

Tgt Ion	77	Resp	146628
Ion Ratio	100		
Lower	45.9		
Upper	68.9#		
123	42.2	9.5	14.3
65	13.3		



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





#25

Isophorone

Concen: 34.09 ng

RT: 8.21 min Scan# 641

Delta R.T. -0.00 min

Lab File: BF077651.D

Acq: 9 Mar 2015 21:27

Instrument :

BNA_F

ClientSampled :

SEP4MS

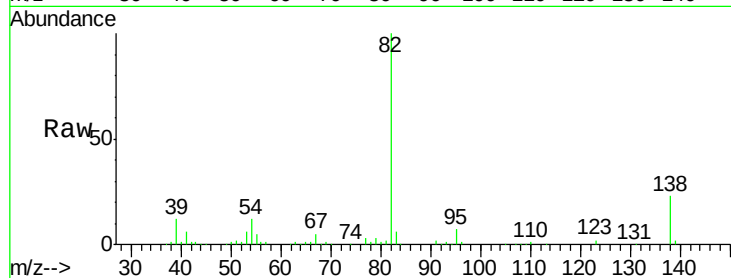
Tot Ion: 82 Resp: 269942

Ion Ratio Lower Upper

82 100

95 7.2 5.4 8.2

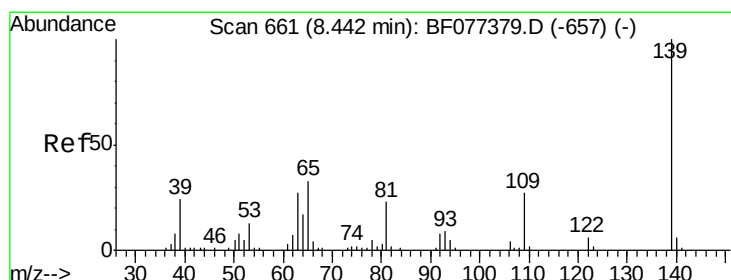
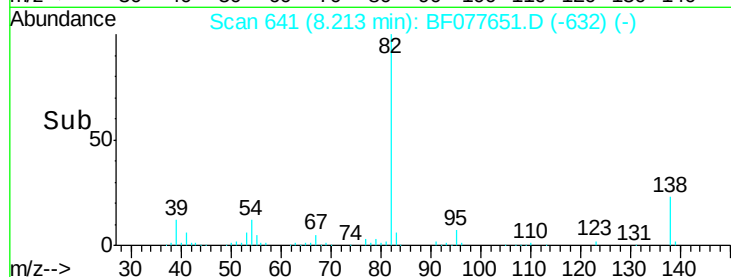
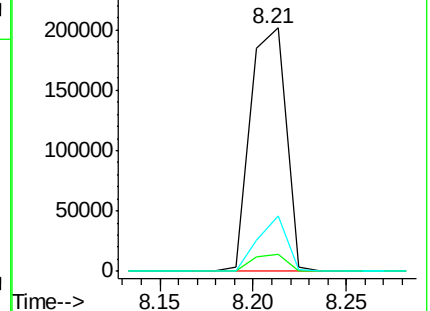
138 22.6 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BF077379.D (-649) (-)

Ion 95.00 (94.70 to 95.70): BF077379.D (-649) (-)

Ion 138.00 (137.70 to 138.70): BF077379.D (-649) (-)



#26

2-Nitrophenol

Concen: 42.12 ng

RT: 8.30 min Scan# 649

Delta R.T. -0.00 min

Lab File: BF077651.D

Acq: 9 Mar 2015 21:27

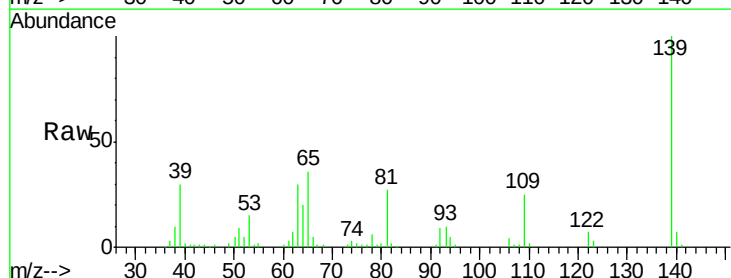
Tgt Ion: 139 Resp: 72480

Ion Ratio Lower Upper

139 100

109 25.1 22.6 34.0

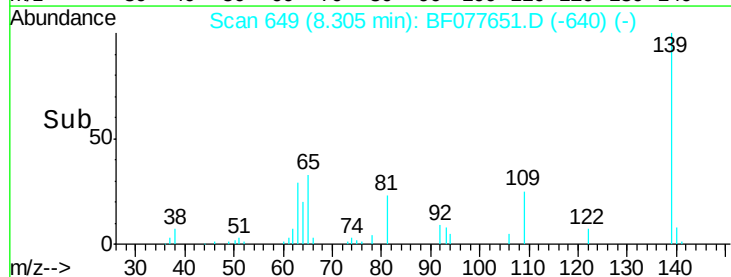
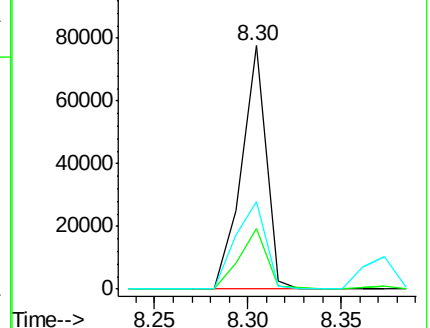
65 36.0 36.4 54.6#

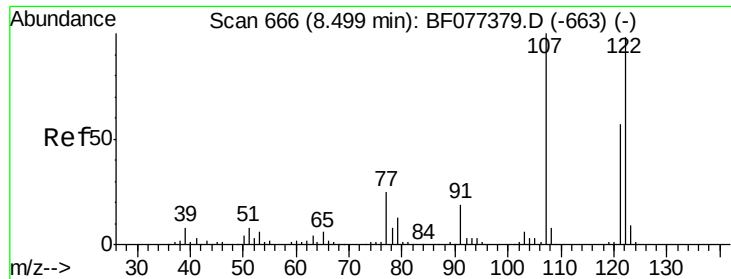


Abundance Ion 139.00 (138.70 to 139.70): BF077379.D (-657) (-)

Ion 109.00 (108.70 to 109.70): BF077379.D (-657) (-)

Ion 65.00 (64.70 to 65.70): BF077379.D (-657) (-)





#27

2,4-Dimethylphenol

Concen: 36.77 ng

RT: 8.37 min Scan# 655

Delta R.T. -0.00 min

Lab File: BF077651.D

Acq: 9 Mar 2015 21:27

Instrument :

BNA_F

ClientSampleId :

SEP4MS

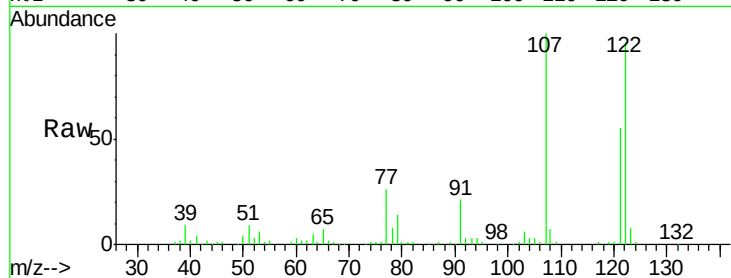
Tot Ion:122 Resp: 141590

Ion Ratio Lower Upper

122 100

107 104.6 86.6 130.0

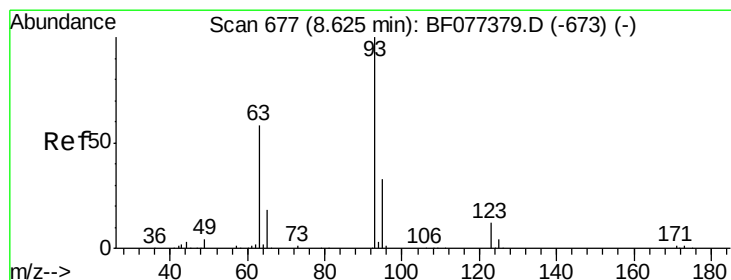
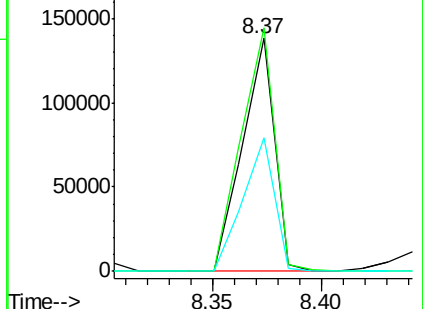
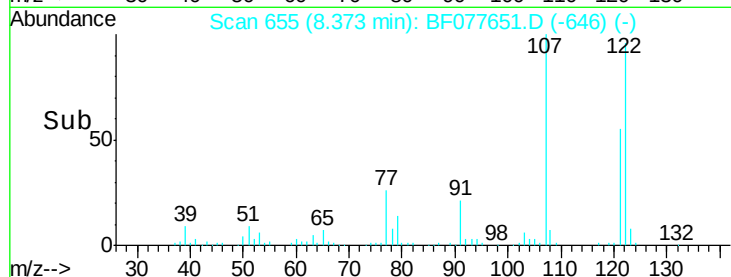
121 57.4 47.4 71.0



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: 33.71 ng

RT: 8.49 min Scan# 665

Delta R.T. -0.00 min

Lab File: BF077651.D

Acq: 9 Mar 2015 21:27

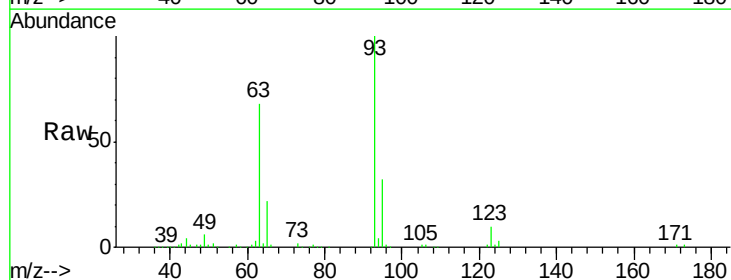
Tgt Ion: 93 Resp: 168623

Ion Ratio Lower Upper

93 100

95 32.2 26.4 39.6

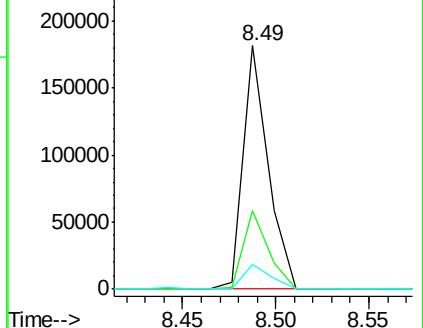
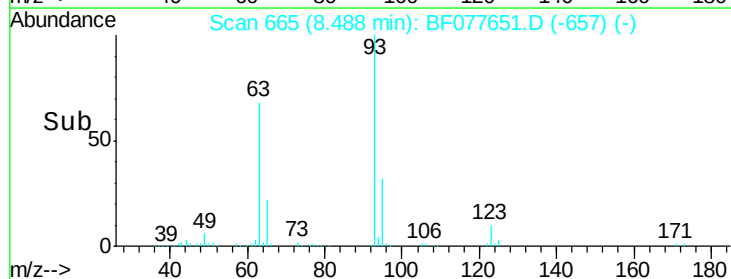
123 10.0 8.7 13.1

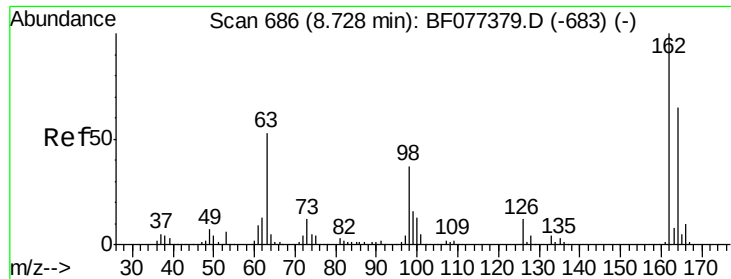


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

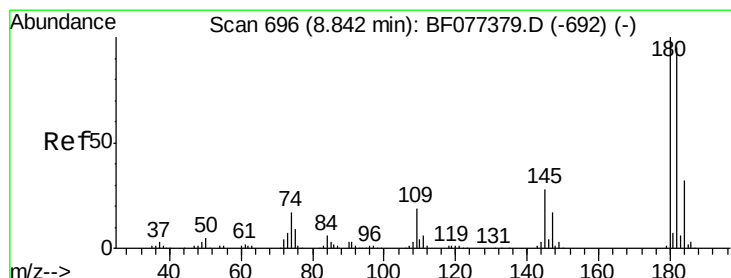
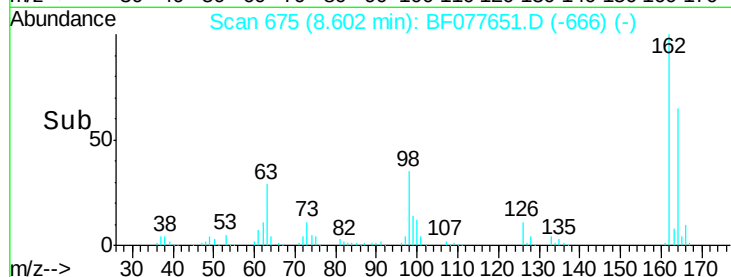
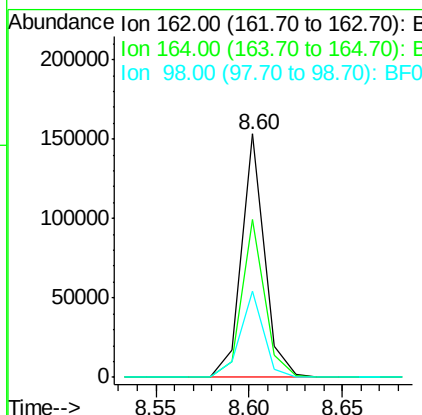
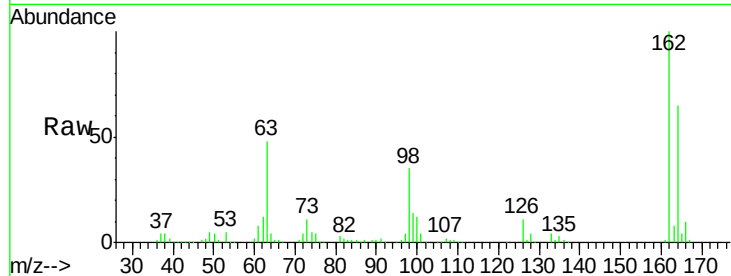




#29
 2,4-Dichlorophenol
 Concen: 36.59 ng
 RT: 8.60 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: BF077651.D
 Acq: 9 Mar 2015 21:27

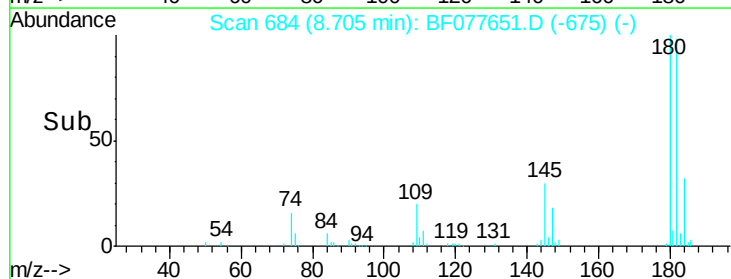
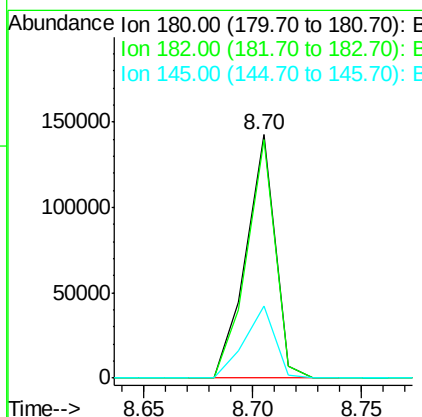
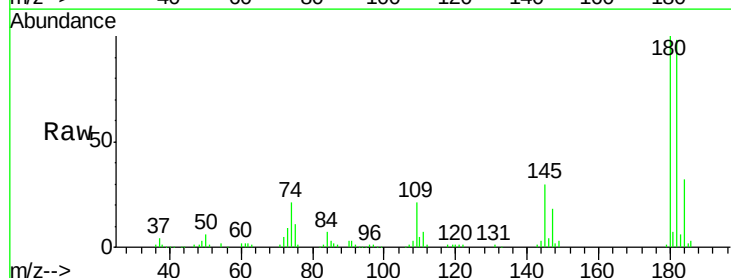
Instrument :
 BNA_F
 ClientSampleId :
 SEP4MS

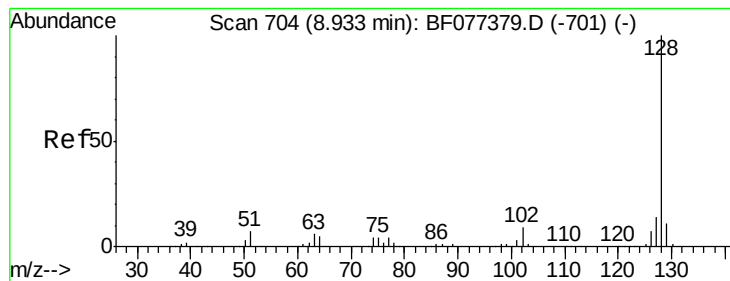
Tot Ion:162 Resp: 132252
 Ion Ratio Lower Upper
 162 100
 164 64.6 46.4 86.4
 98 35.4 6.9 46.9



#30
 1,2,4-Trichlorobenzene
 Concen: 33.53 ng
 RT: 8.70 min Scan# 684
 Delta R.T. -0.00 min
 Lab File: BF077651.D
 Acq: 9 Mar 2015 21:27

Tgt Ion:180 Resp: 133236
 Ion Ratio Lower Upper
 180 100
 182 97.9 76.2 114.4
 145 29.6 24.5 36.7





#31

Naphthalene

Concen: 40.71 ng

RT: 8.80 min Scan# 692

Delta R.T. -0.00 min

Lab File: BF077651.D

Acq: 9 Mar 2015 21:27

Instrument :

BNA_F

ClientSampleId :

SEP4MS

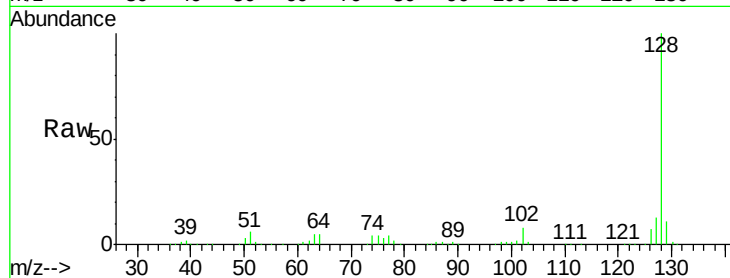
Tot Ion:128 Resp: 505269

Ion Ratio Lower Upper

128 100

129 11.0 9.4 14.0

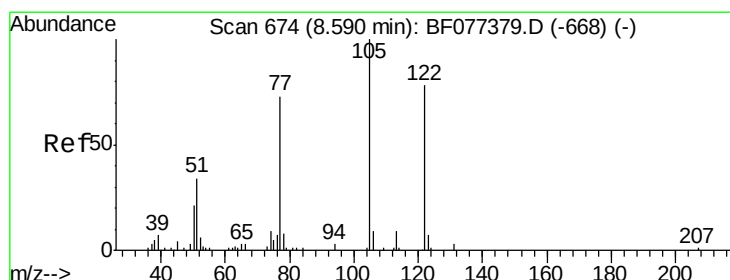
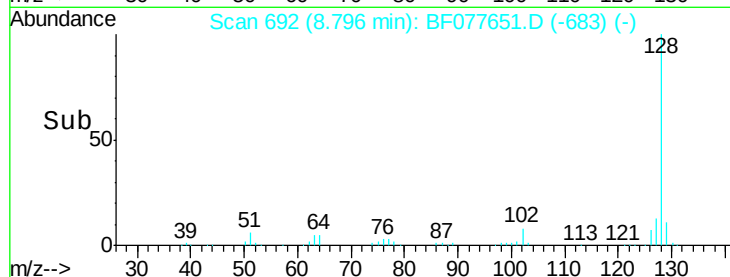
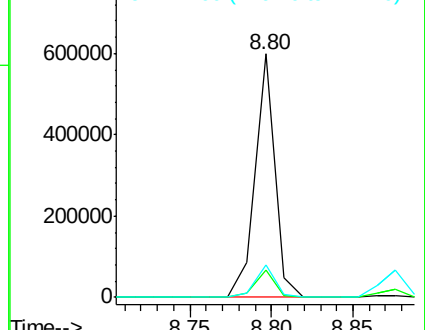
127 13.1 10.6 15.8



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: 11.24 ng

RT: 8.45 min Scan# 662

Delta R.T. -0.03 min

Lab File: BF077651.D

Acq: 9 Mar 2015 21:27

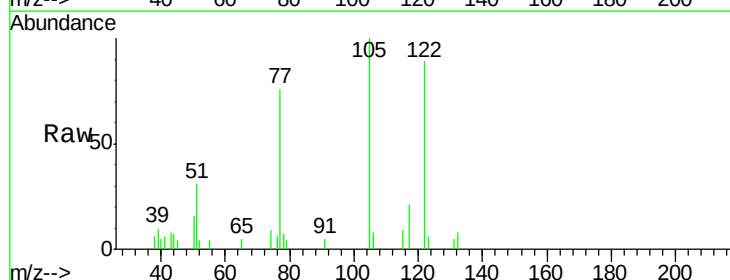
Tgt Ion:122 Resp: 21034

Ion Ratio Lower Upper

122 100

105 111.8 100.3 140.3

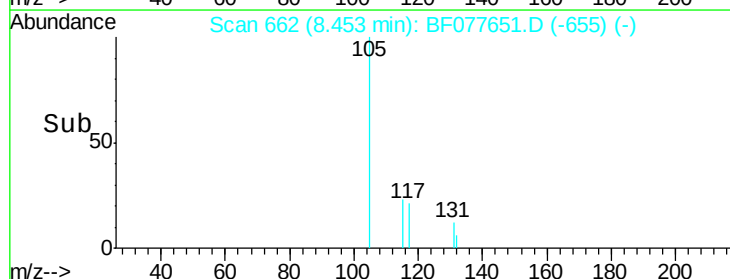
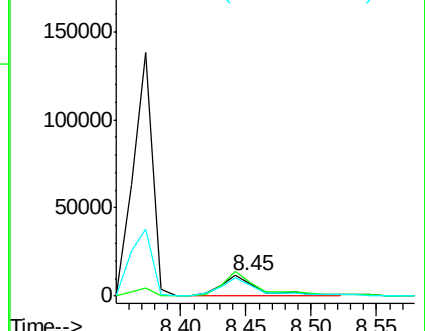
77 84.9 68.7 108.7

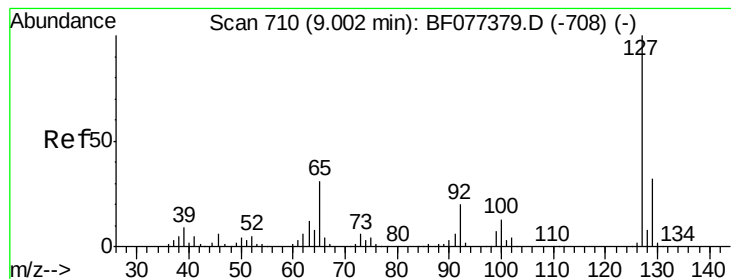


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 13.61 ng

RT: 8.88 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF077651.D

Acq: 9 Mar 2015 21:27

Instrument :

BNA_F

ClientSampleId :

SEP4MS

Tot Ion:127 Resp: 75092

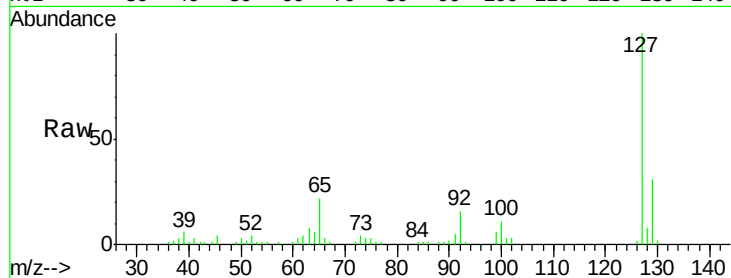
Ion Ratio Lower Upper

127 100

129 31.2 26.9 40.3

65 22.0 16.7 25.1

92 16.4 12.5 18.7

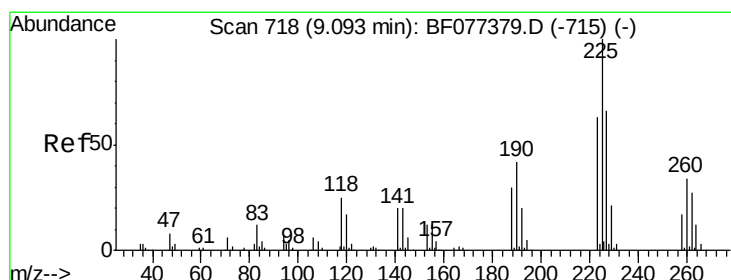
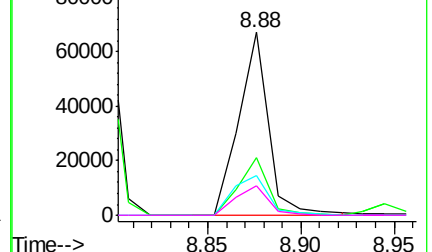
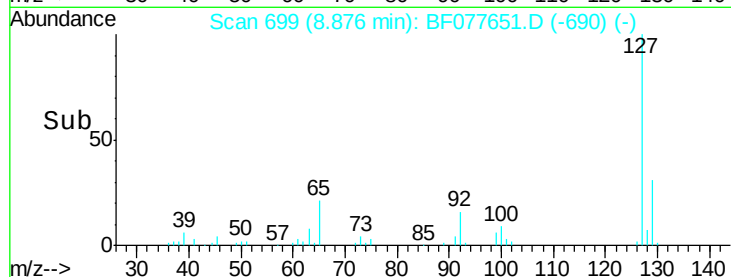


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 30.88 ng

RT: 8.95 min Scan# 706

Delta R.T. -0.00 min

Lab File: BF077651.D

Acq: 9 Mar 2015 21:27

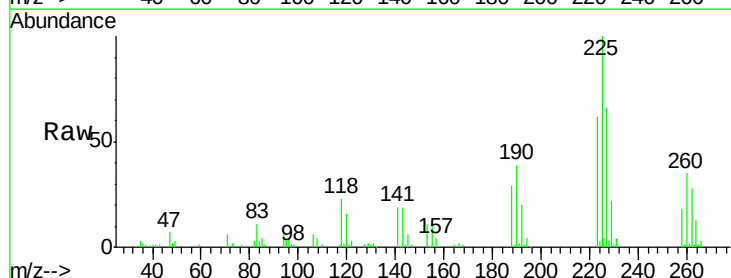
Tgt Ion:225 Resp: 70053

Ion Ratio Lower Upper

225 100

223 61.6 49.5 74.3

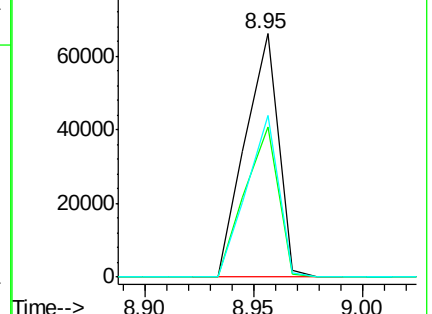
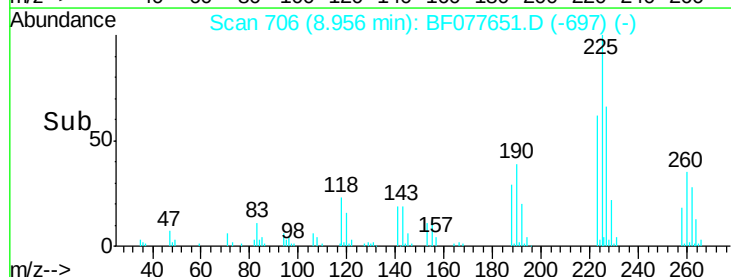
227 66.3 50.5 75.7

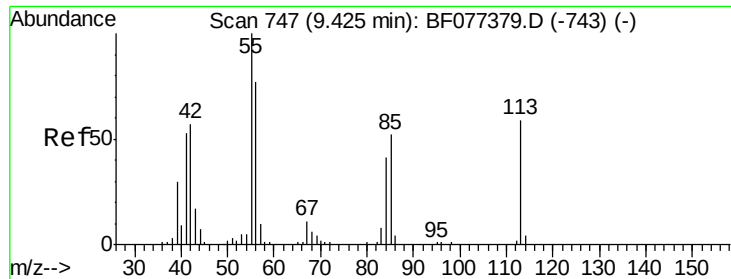


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

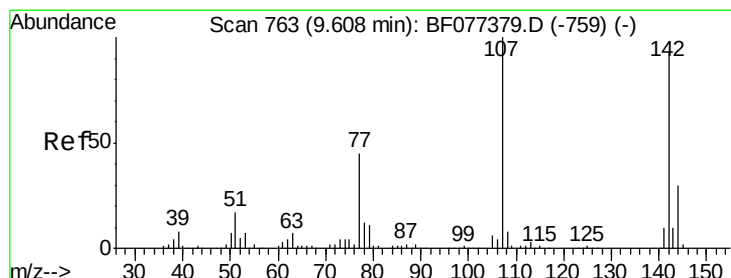
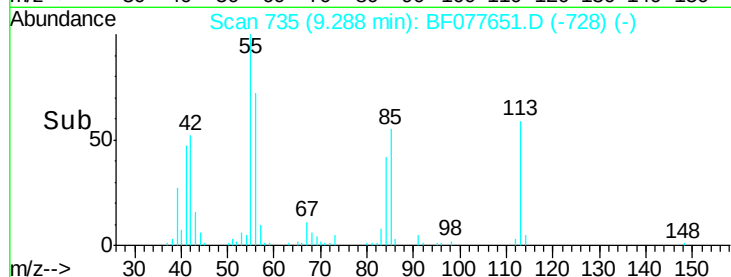
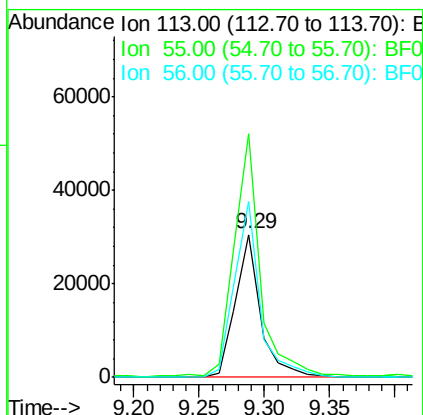
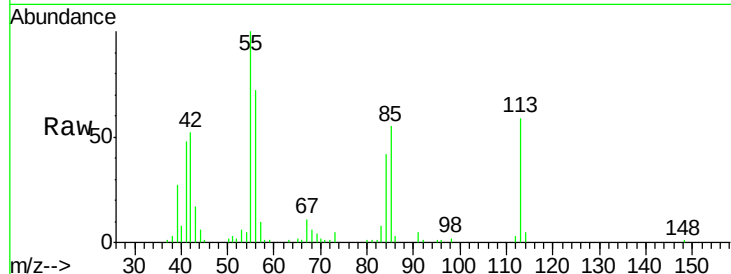




#35
 Caprolactam
 Concen: 37.14 ng
 RT: 9.29 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF077651.D
 Acq: 9 Mar 2015 21:27

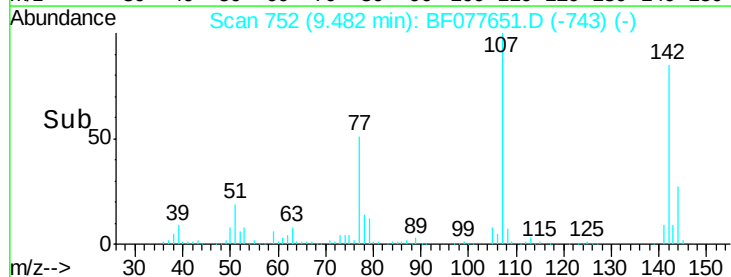
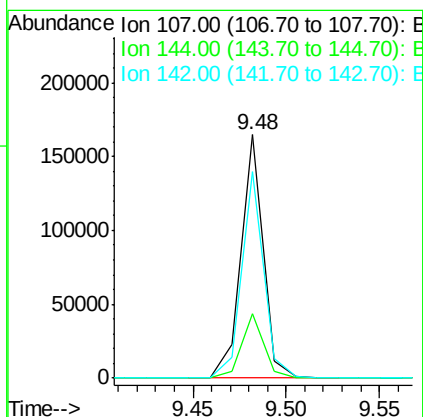
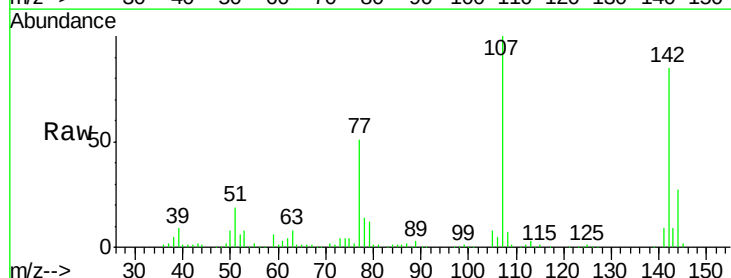
Instrument :
 BNA_F
 ClientSampleId :
 SEP4MS

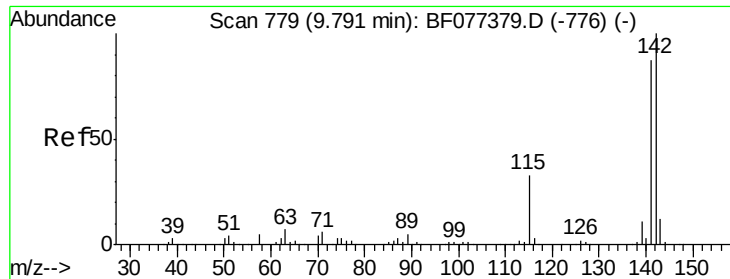
Tot Ion:113 Resp: 40982
 Ion Ratio Lower Upper
 113 100
 55 170.1 154.6 194.6
 56 123.0 114.0 154.0



#36
 4-Chloro-3-methylphenol
 Concen: 38.08 ng
 RT: 9.48 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF077651.D
 Acq: 9 Mar 2015 21:27

Tgt Ion:107 Resp: 138357
 Ion Ratio Lower Upper
 107 100
 144 26.6 21.1 31.7
 142 85.1 65.3 97.9

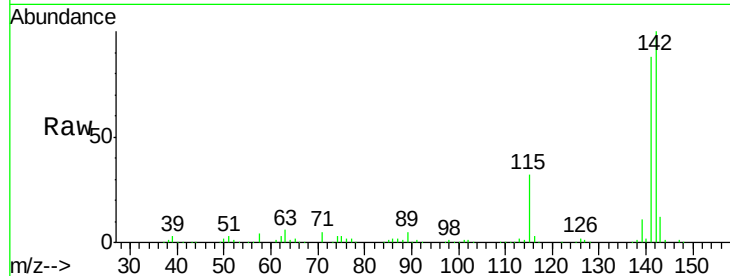




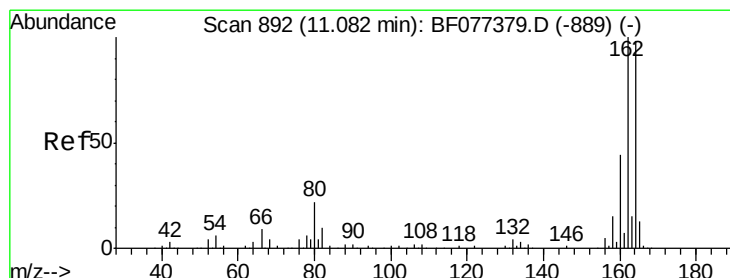
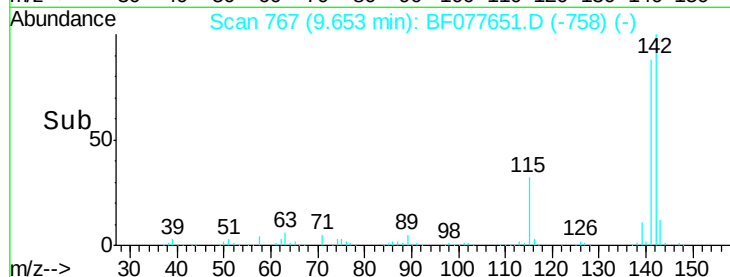
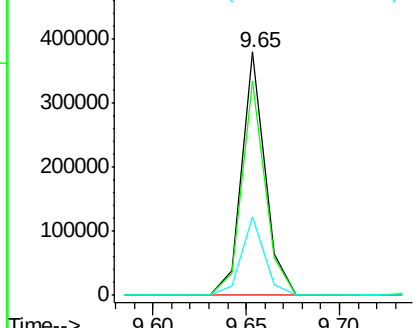
#37
2-Methylnaphthalene
Concen: 37.67 ng
RT: 9.65 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF077651.D
Acq: 9 Mar 2015 21:27

Instrument :
BNA_F
ClientSampleId :
SEP4MS

Tot Ion:142 Resp: 331983
Ion Ratio Lower Upper
142 100
141 88.1 70.7 106.1
115 32.4 24.2 36.4

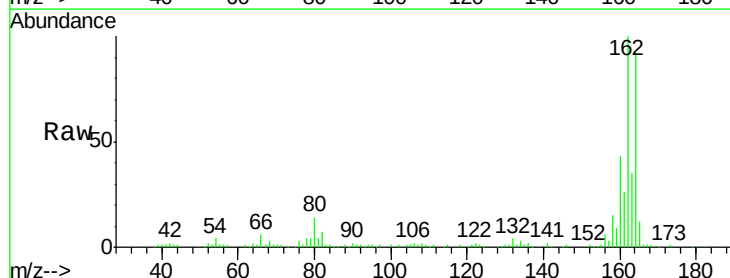


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

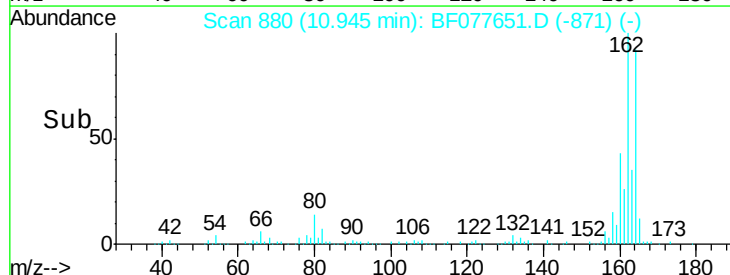
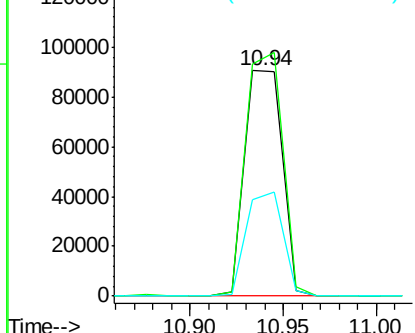


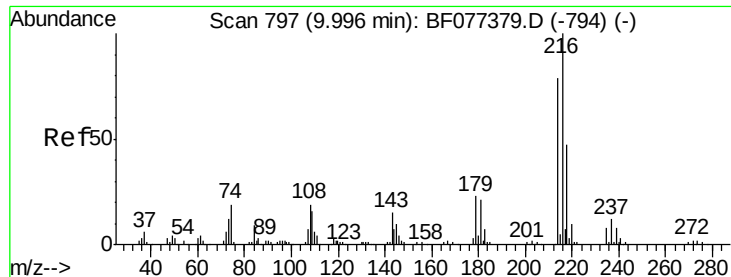
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.94 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF077651.D
Acq: 9 Mar 2015 21:27

Tgt Ion:164 Resp: 126740
Ion Ratio Lower Upper
164 100
162 108.2 83.2 124.8
160 46.5 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: 37.83 ng

RT: 9.86 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF077651.D

Acq: 9 Mar 2015 21:27

Instrument :

BNA_F

ClientSampleID :

SEP4MS

Tot Ion:216 Resp: 137562

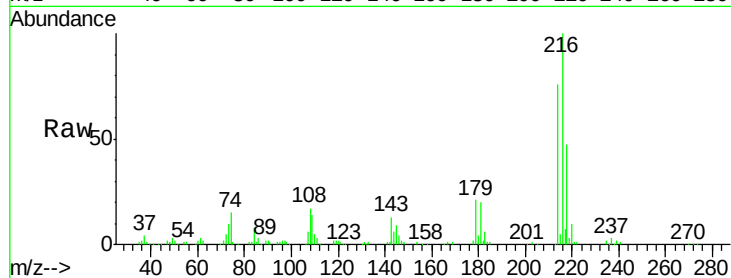
Ion Ratio Lower Upper

216 100

214 76.4 63.4 95.0

179 20.9 16.6 25.0

108 19.5 14.2 21.4

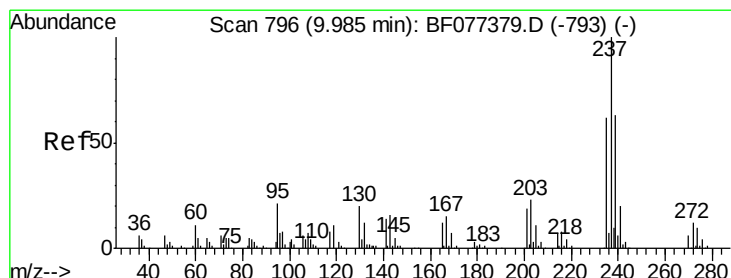
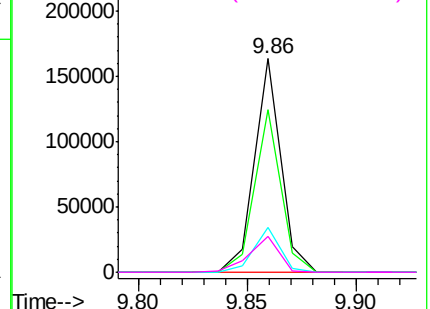
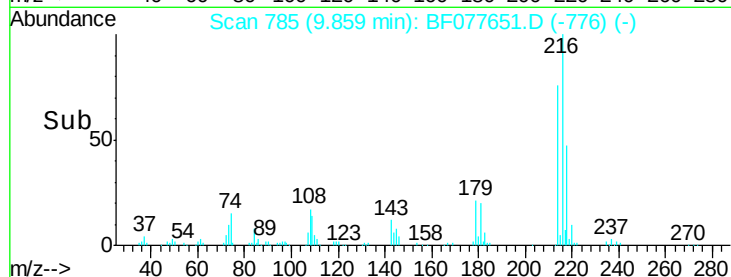


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 41.16 ng

RT: 9.85 min Scan# 784

Delta R.T. -0.00 min

Lab File: BF077651.D

Acq: 9 Mar 2015 21:27

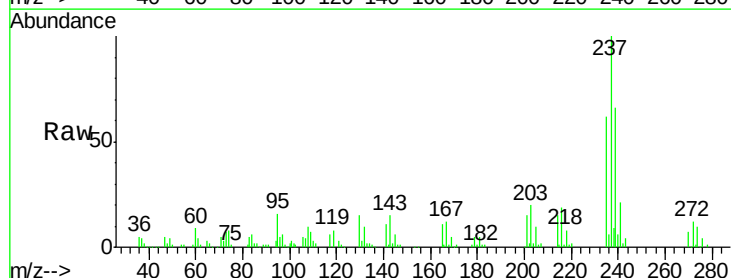
Tgt Ion:237 Resp: 80268

Ion Ratio Lower Upper

237 100

235 61.6 41.0 81.0

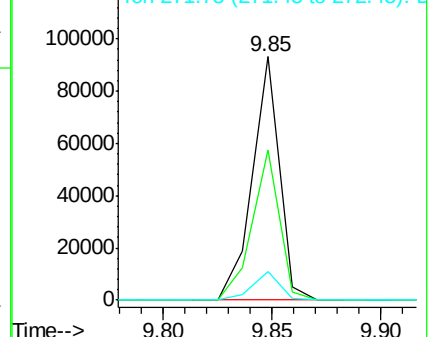
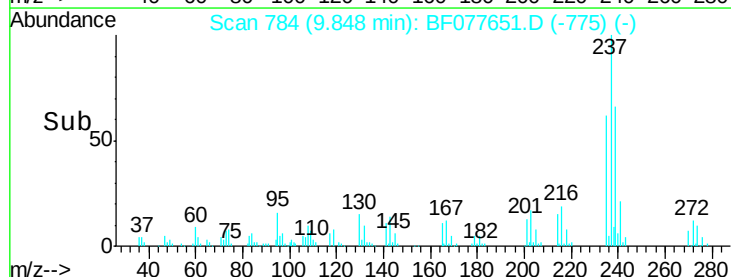
272 11.8 0.0 34.3

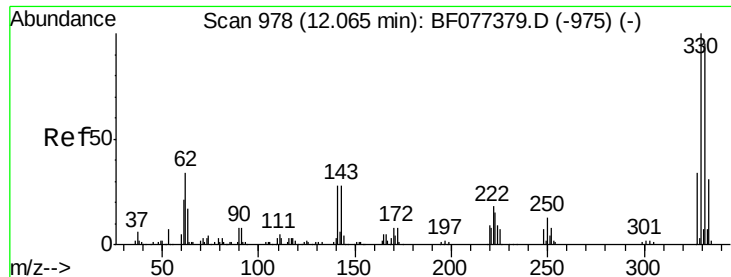


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

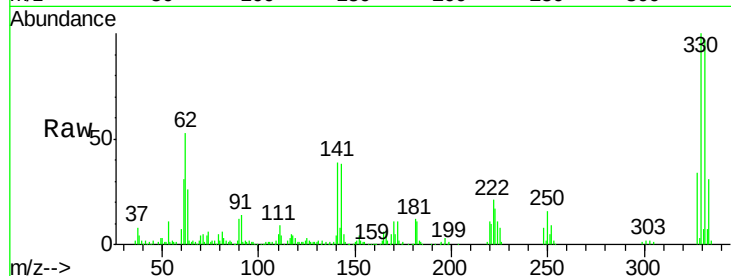




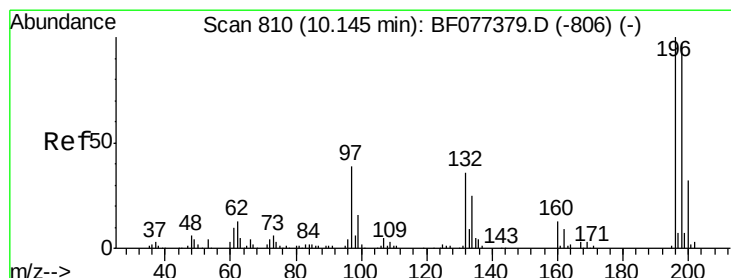
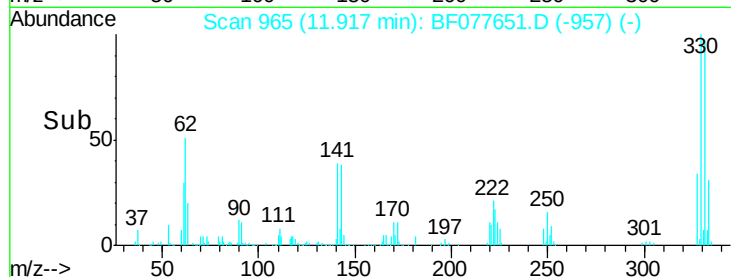
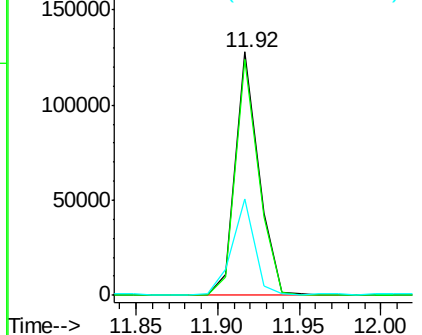
#41
 2,4,6-Tribromophenol
 Concen: 103.78 ng
 RT: 11.92 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: BF077651.D
 Acq: 9 Mar 2015 21:27

Instrument :
 BNA_F
 ClientSampleId :
 SEP4MS

Tot Ion:330 Resp: 126652
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.4 116.2
 141 37.6 28.8 43.2

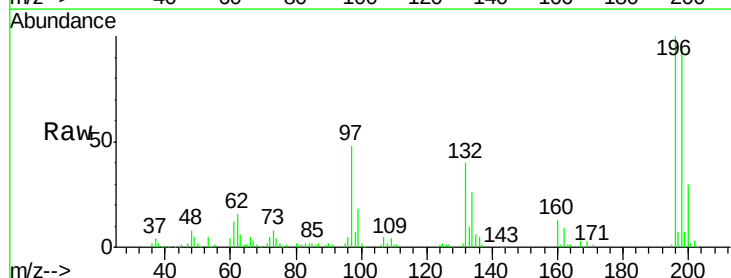


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

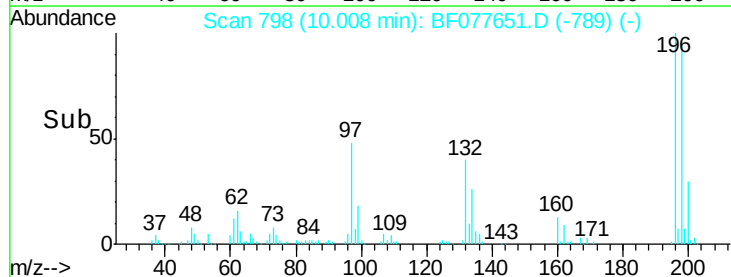
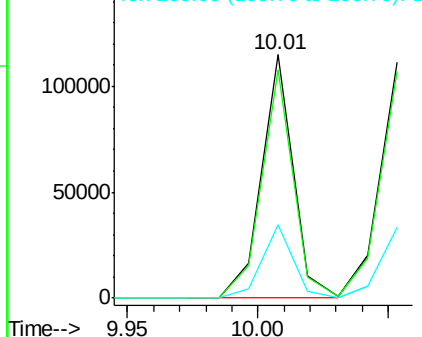


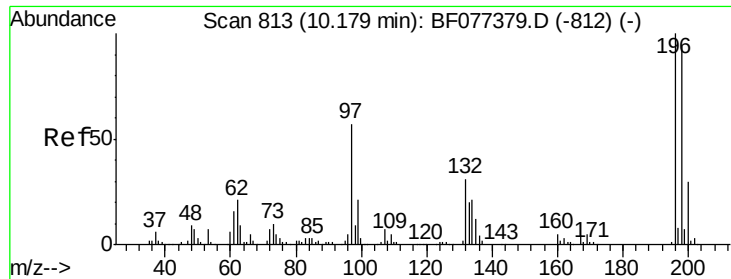
#42
 2,4,6-Trichlorophenol
 Concen: 40.48 ng
 RT: 10.01 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF077651.D
 Acq: 9 Mar 2015 21:27

Tgt Ion:196 Resp: 97484
 Ion Ratio Lower Upper
 196 100
 198 93.7 75.8 113.8
 200 30.1 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

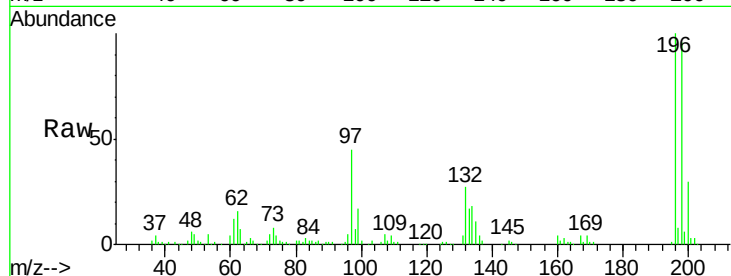




#43
2,4,5-Trichlorophenol
Concen: 39.16 ng
RT: 10.05 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF077651.D
Acq: 9 Mar 2015 21:27

Instrument :
BNA_F
ClientSampleId :
SEP4MS

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.4	77.2	115.8
97	44.6	27.7	41.5
132	26.5	18.0	27.0



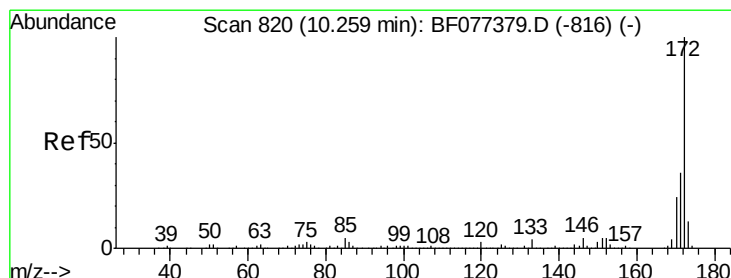
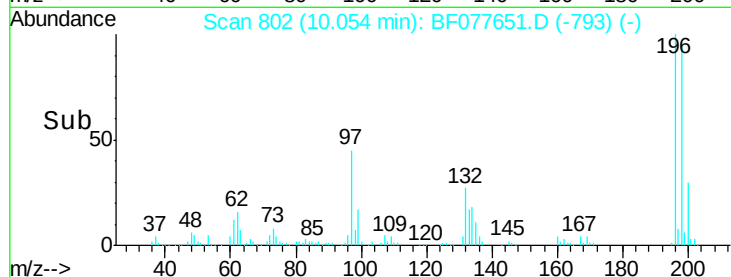
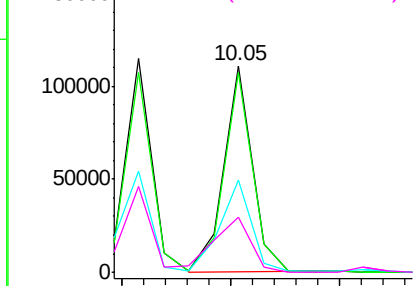
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

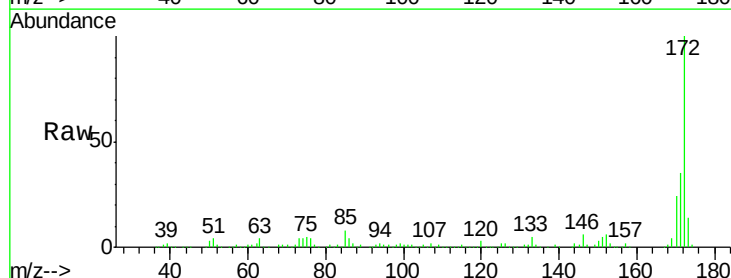
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 69.04 ng
RT: 10.11 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF077651.D
Acq: 9 Mar 2015 21:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.9	43.3
170	23.5	19.4	29.2

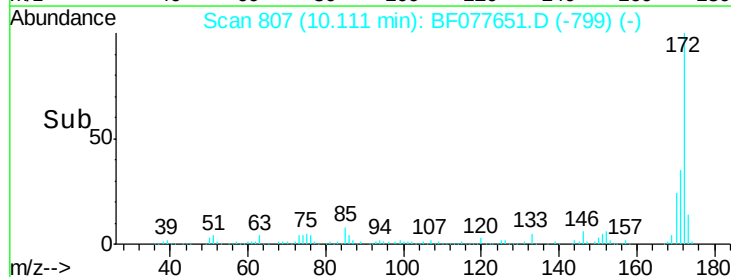
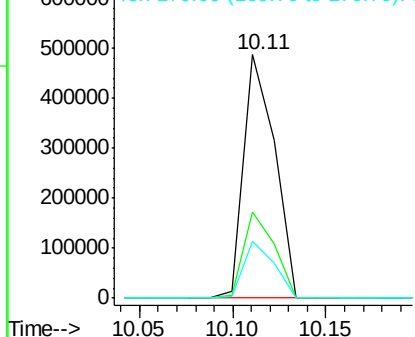


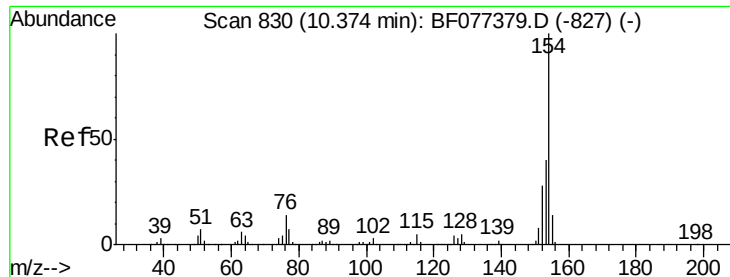
Abundance

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

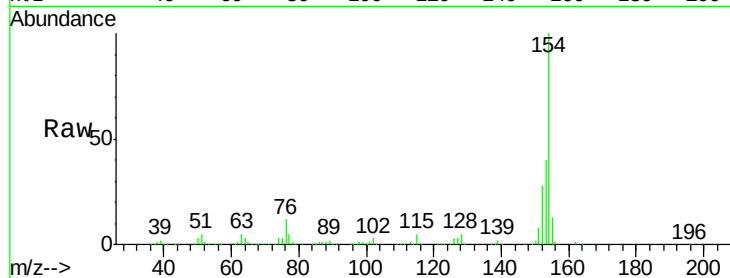




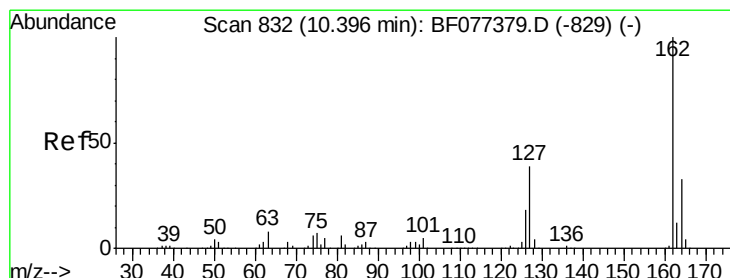
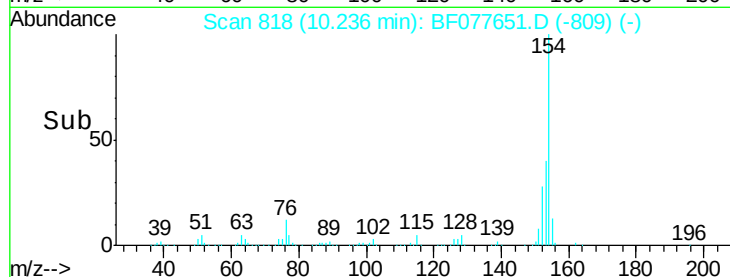
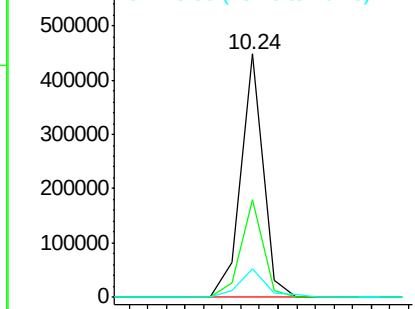
#45
1,1'-Biphenyl
Concen: 38.92 ng
RT: 10.24 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF077651.D
Acq: 9 Mar 2015 21:27

Instrument :
BNA_F
ClientSampleId :
SEP4MS

Tot Ion:154 Resp: 373719
Ion Ratio Lower Upper
154 100
153 40.1 20.2 60.2
76 11.9 0.0 29.4

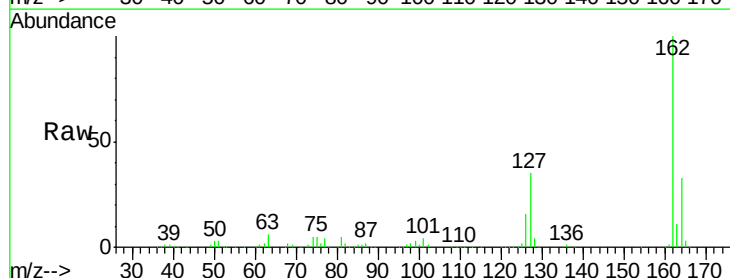


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

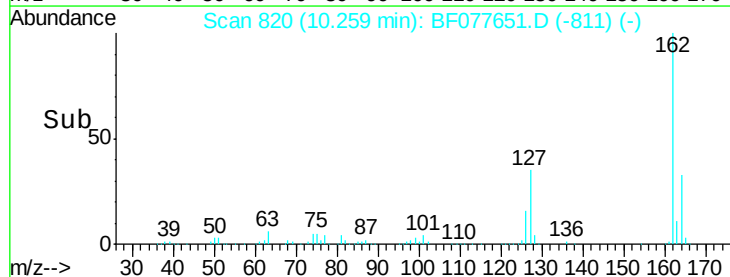
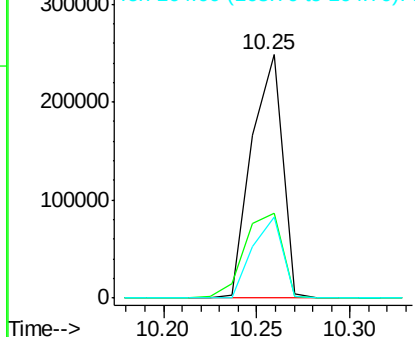


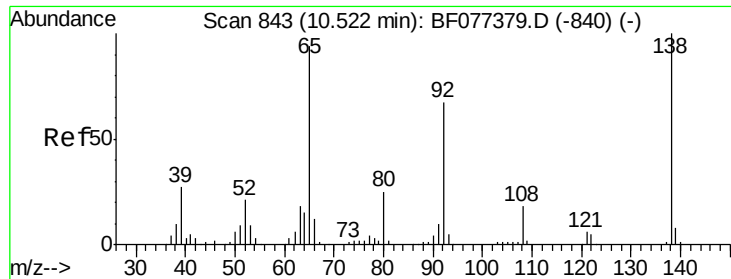
#46
2-Chloronaphthalene
Concen: 38.41 ng
RT: 10.25 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF077651.D
Acq: 9 Mar 2015 21:27

Tgt Ion:162 Resp: 289260
Ion Ratio Lower Upper
162 100
127 34.9 33.3 49.9
164 33.2 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

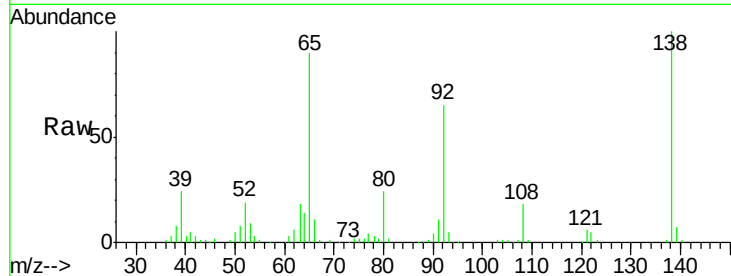




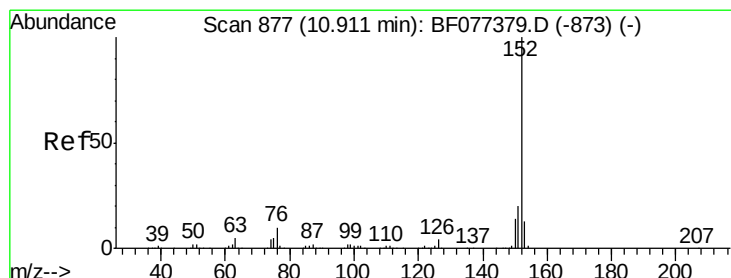
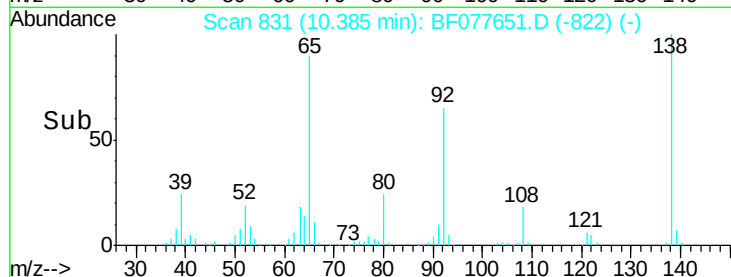
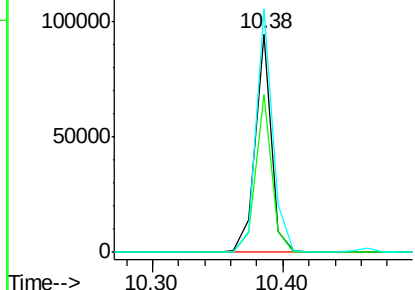
#47
2-Nitroaniline
Concen: 44.77 ng
RT: 10.38 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF077651.D
Acq: 9 Mar 2015 21:27

Instrument :
BNA_F
ClientSampleId :
SEP4MS

Tot Ion: 65 Resp: 82988
Ion Ratio Lower Upper
65 100
92 72.1 52.4 78.6
138 111.6 73.4 110.0#

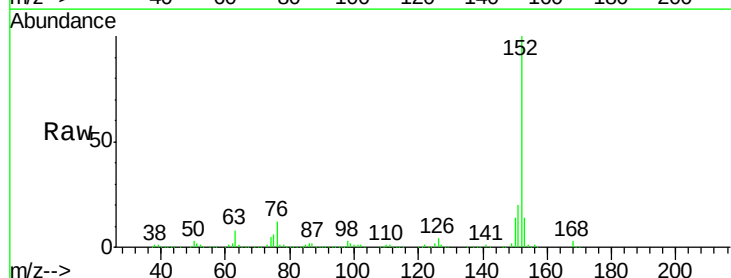


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

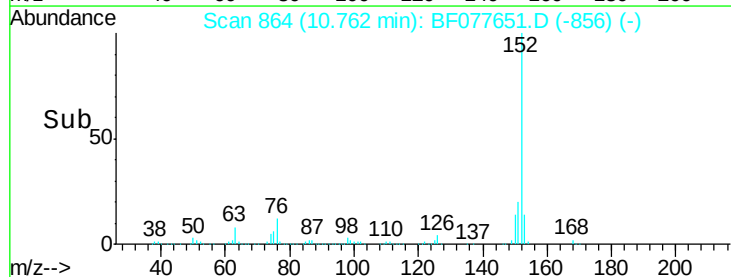
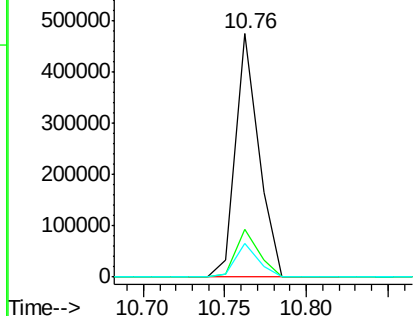


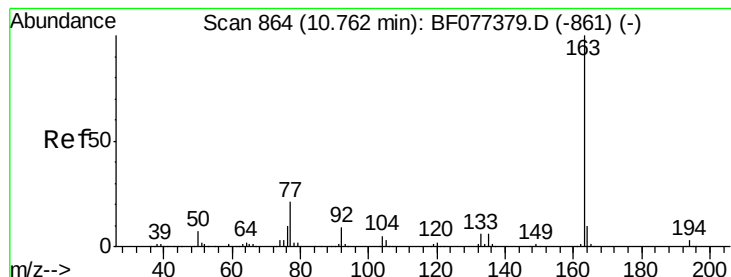
#48
Acenaphthylene
Concen: 38.84 ng
RT: 10.76 min Scan# 864
Delta R.T. -0.00 min
Lab File: BF077651.D
Acq: 9 Mar 2015 21:27

Tgt Ion:152 Resp: 463057
Ion Ratio Lower Upper
152 100
151 19.6 16.1 24.1
153 14.1 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: 38.91 ng

RT: 10.62 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF077651.D

Acq: 9 Mar 2015 21:27

Instrument :

BNA_F

ClientSampleId :

SEP4MS

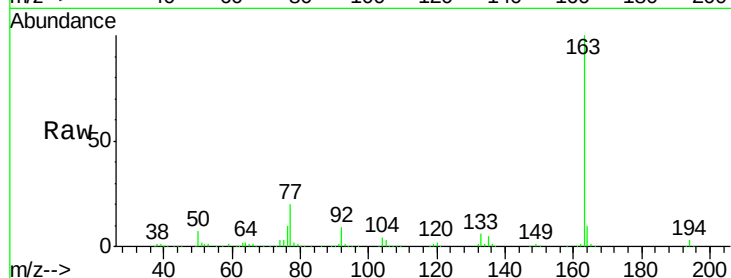
Tot Ion:163 Resp: 346667

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

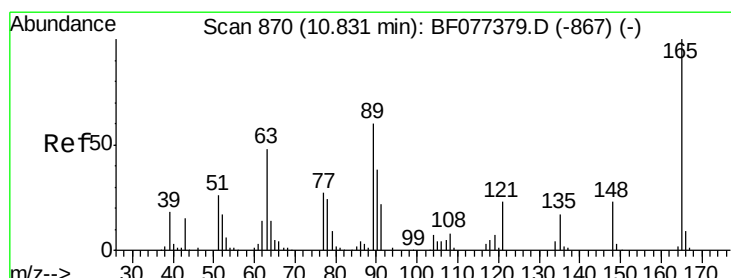
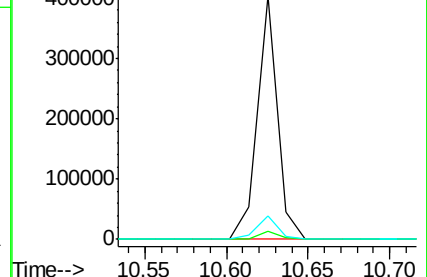
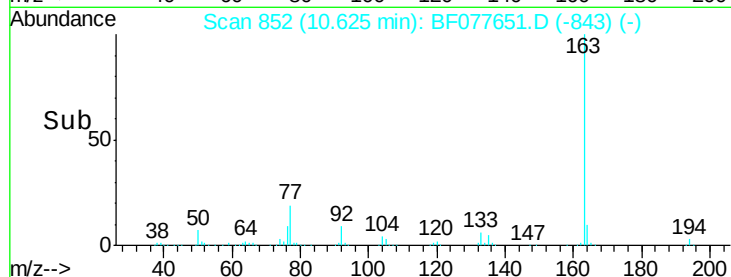
164 9.9 8.6 13.0



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: 39.21 ng

RT: 10.70 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF077651.D

Acq: 9 Mar 2015 21:27

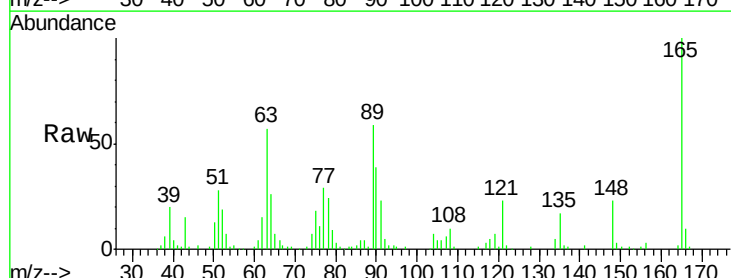
Tgt Ion:165 Resp: 70054

Ion Ratio Lower Upper

165 100

63 57.1 25.2 37.8#

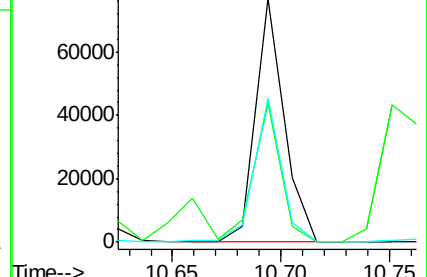
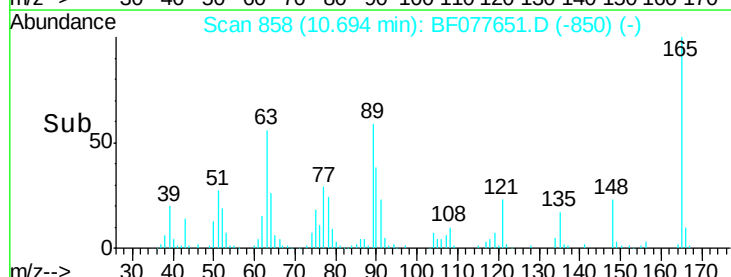
89 58.8 30.5 45.7#

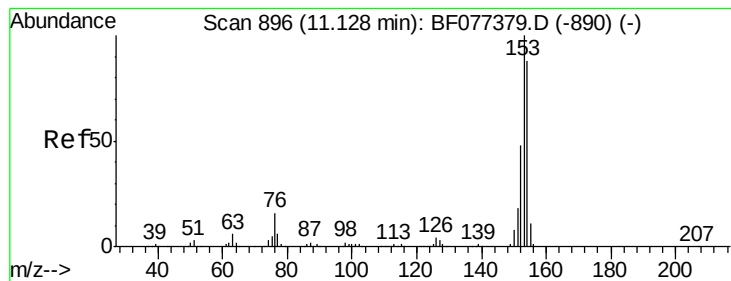


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 49.81 ng

RT: 10.98 min Scan# 883

Delta R.T. -0.00 min

Lab File: BF077651.D

Acq: 9 Mar 2015 21:27

Instrument :

BNA_F

ClientSampleId :

SEP4MS

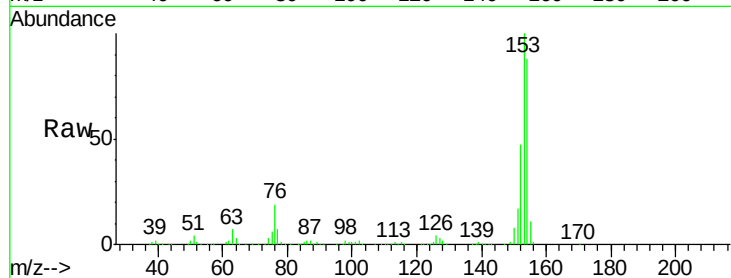
Tot Ion:154 Resp: 354364

Ion Ratio Lower Upper

154 100

153 113.3 90.5 135.7

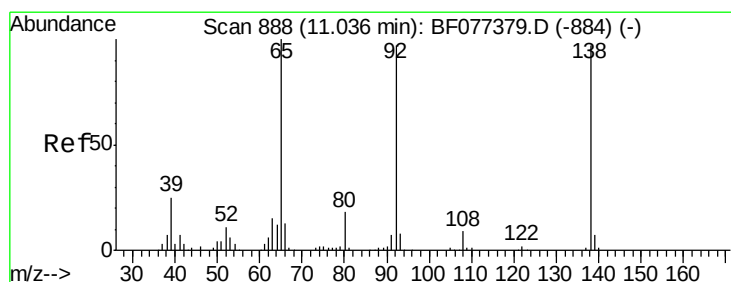
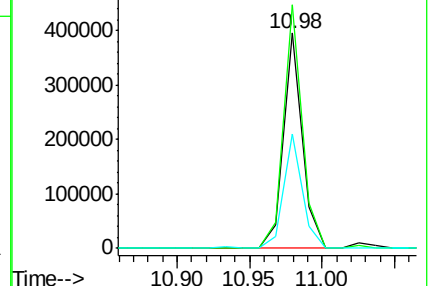
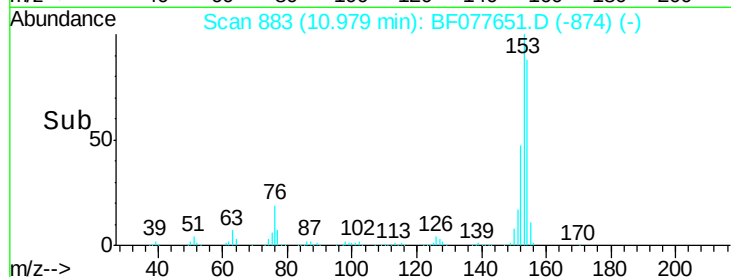
152 53.1 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 30.10 ng

RT: 10.90 min Scan# 876

Delta R.T. -0.00 min

Lab File: BF077651.D

Acq: 9 Mar 2015 21:27

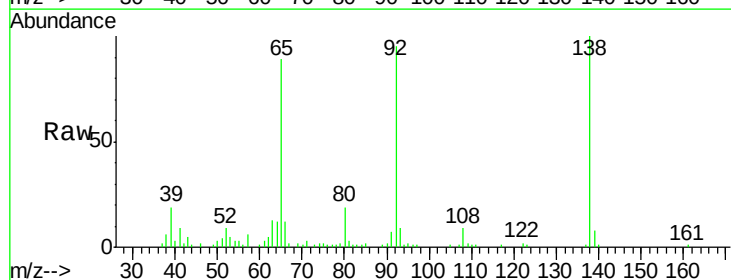
Tgt Ion:138 Resp: 61999

Ion Ratio Lower Upper

138 100

108 9.3 7.8 11.8

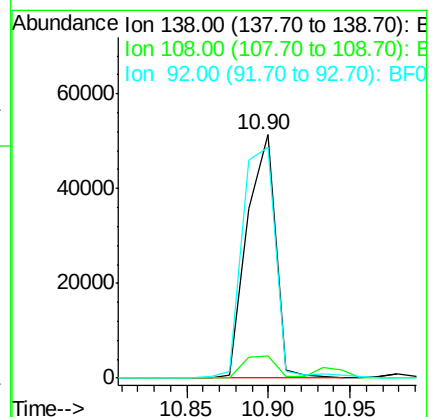
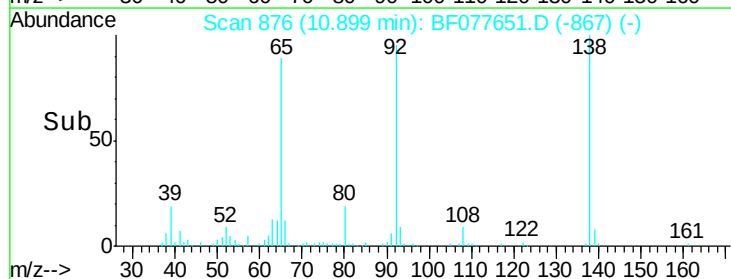
92 95.1 90.6 135.8

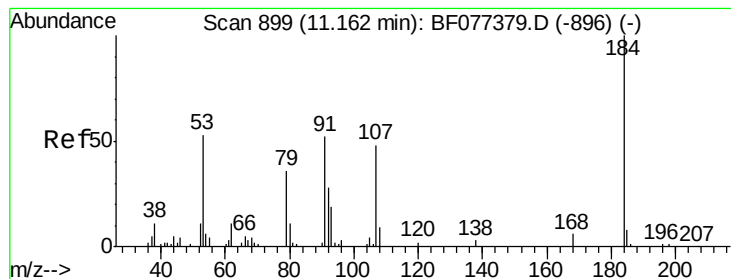


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 28.21 ng

RT: 11.03 min Scan# 888

Delta R.T. -0.00 min

Lab File: BF077651.D

Acq: 9 Mar 2015 21:27

Instrument :

BNA_F

ClientSampleID :

SEP4MS

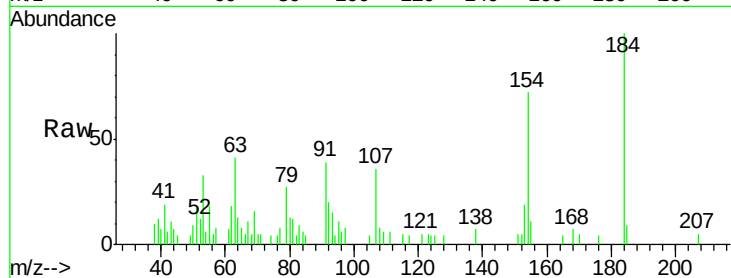
Tot Ion:184 Resp: 15336

Ion Ratio Lower Upper

184 100

63 40.6 29.5 44.3

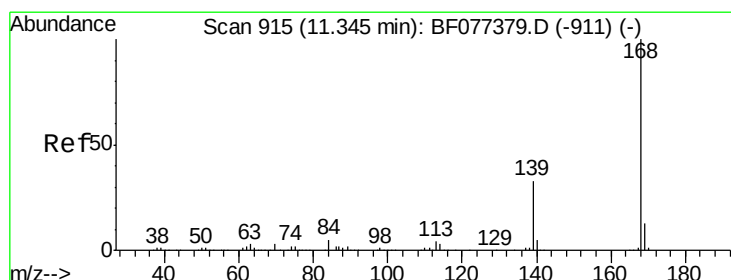
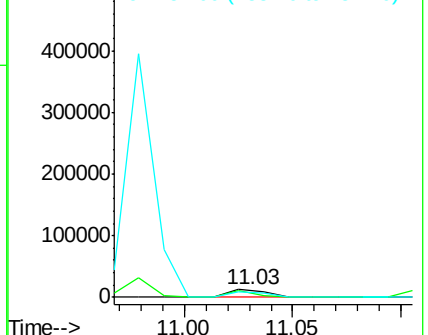
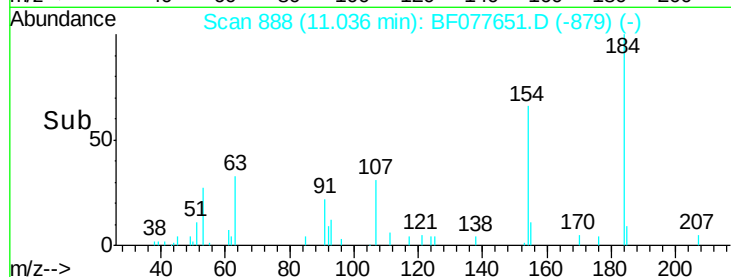
154 71.5 43.2 64.8#



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: 38.62 ng

RT: 11.20 min Scan# 902

Delta R.T. -0.00 min

Lab File: BF077651.D

Acq: 9 Mar 2015 21:27

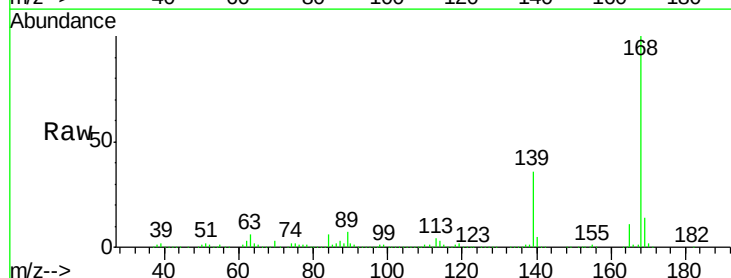
Tgt Ion:168 Resp: 424169

Ion Ratio Lower Upper

168 100

139 35.7 29.3 43.9

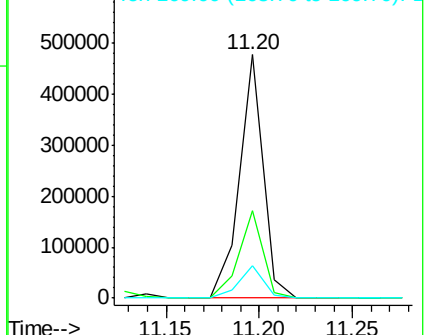
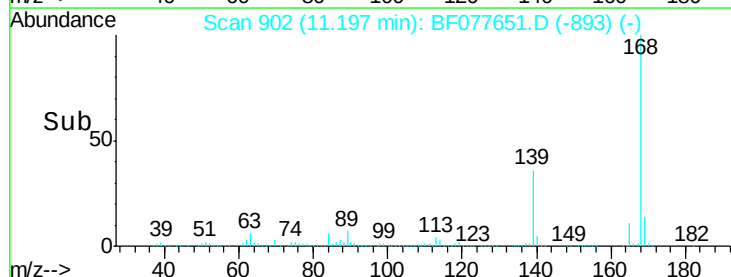
169 13.6 10.9 16.3

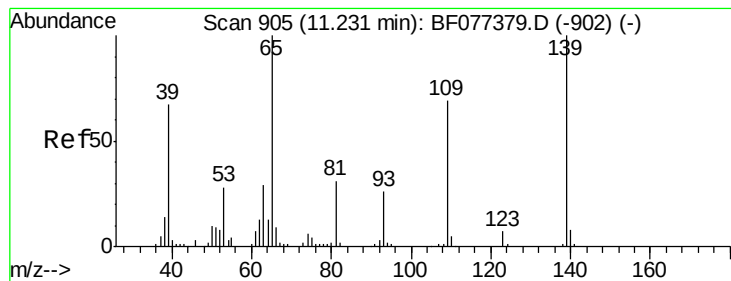


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 85.86 ng

RT: 11.12 min Scan# 895

Delta R.T. 0.00 min

Lab File: BF077651.D

Acq: 9 Mar 2015 21:27

Instrument :

BNA_F

ClientSampleId :

SEP4MS

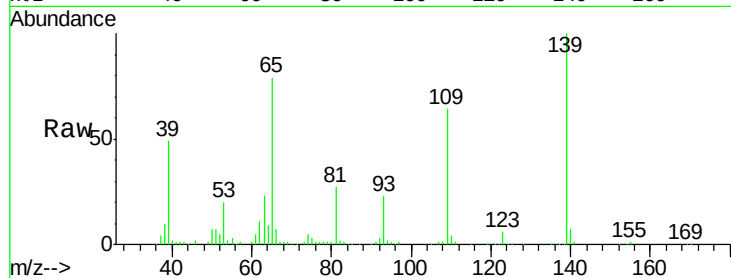
Tot Ion:139 Resp: 142259

Ion Ratio Lower Upper

139 100

109 63.7 36.2 76.2

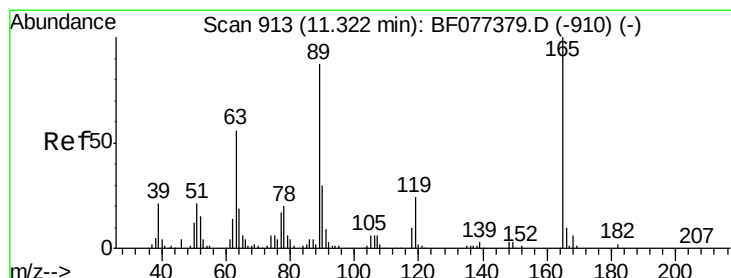
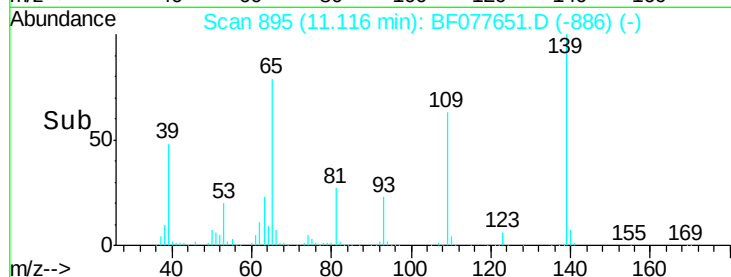
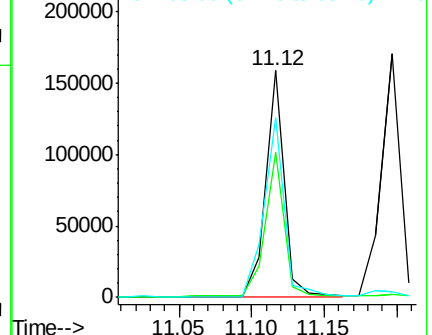
65 79.0 40.3 80.3



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 35.17 ng

RT: 11.19 min Scan# 901

Delta R.T. -0.00 min

Lab File: BF077651.D

Acq: 9 Mar 2015 21:27

Tgt Ion:165 Resp: 84899

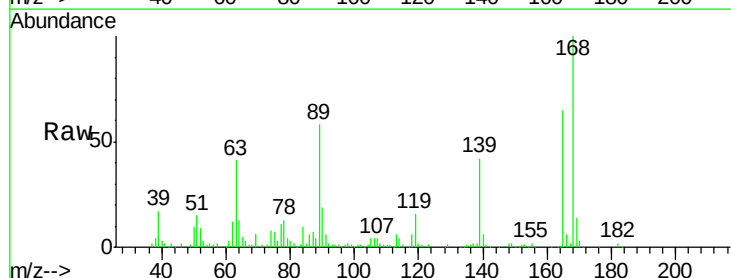
Ion Ratio Lower Upper

165 100

63 63.8 29.8 44.8#

89 89.1 48.5 72.7#

182 2.6 1.9 2.9

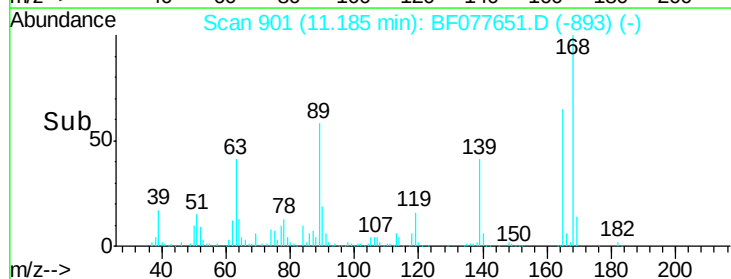
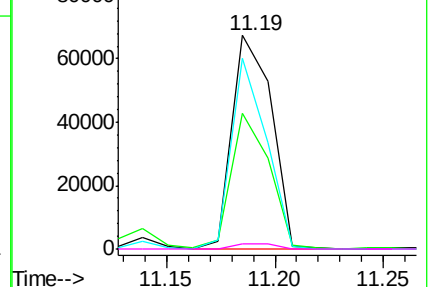


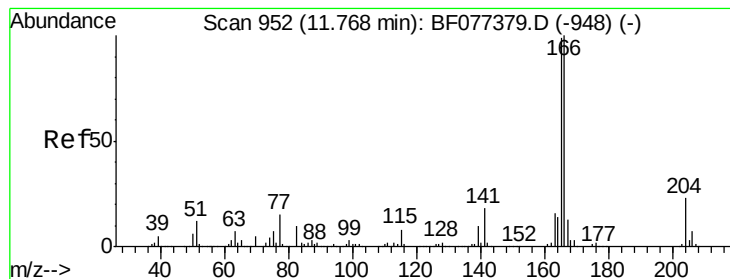
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 44.54 ng

RT: 11.62 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF077651.D

Acq: 9 Mar 2015 21:27

Instrument :

BNA_F

ClientSampleID :

SEP4MS

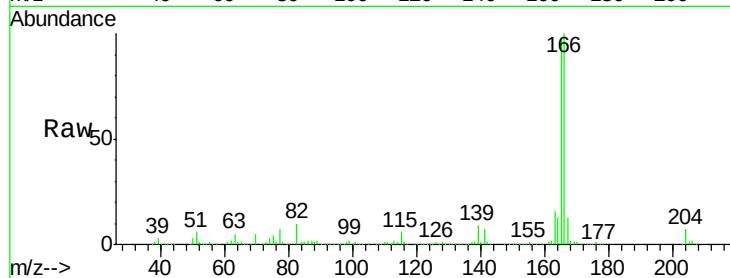
Tot Ion:166 Resp: 391092

Ion Ratio Lower Upper

166 100

165 98.0 77.6 116.4

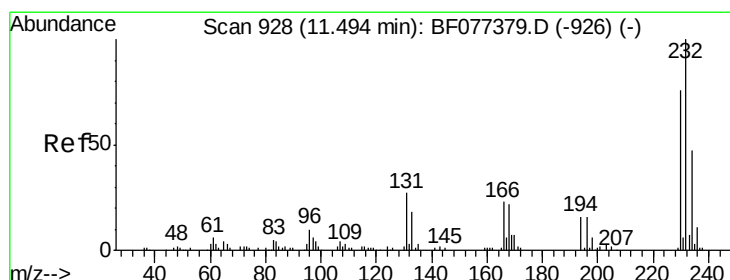
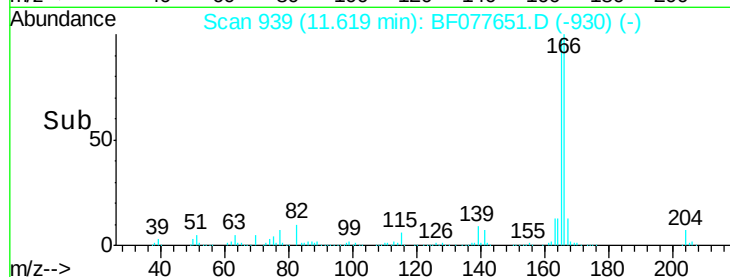
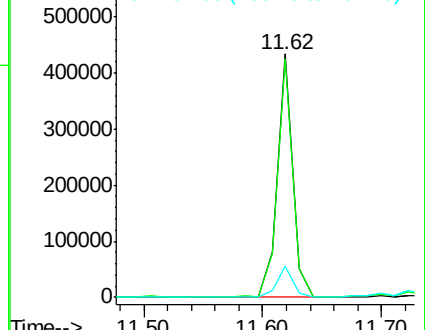
167 13.0 10.6 16.0



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: 35.73 ng

RT: 11.35 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF077651.D

Acq: 9 Mar 2015 21:27

Tgt Ion:232 Resp: 73981

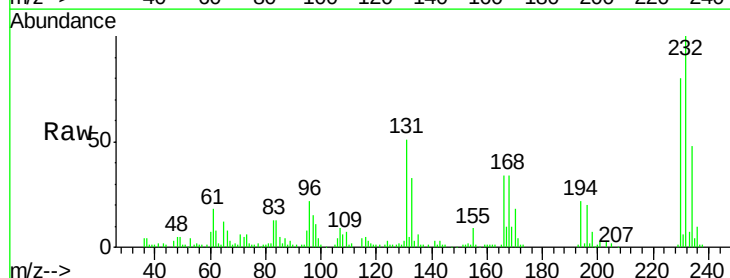
Ion Ratio Lower Upper

232 100

131 45.2 34.2 51.2

130 2.8 1.8 2.6#

166 32.5 24.3 36.5

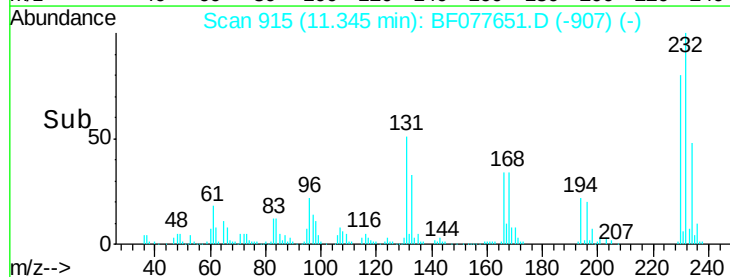
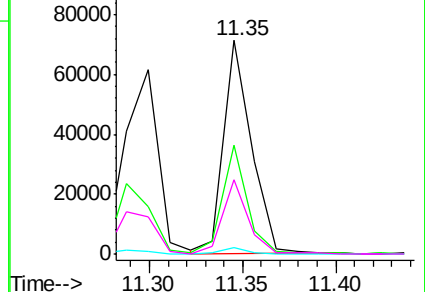


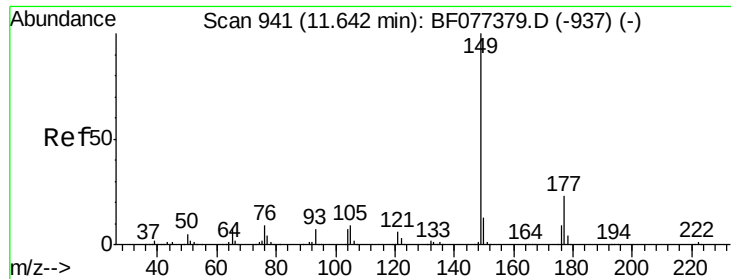
Abundance Ion 232.00 (231.70 to 232.70): E

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

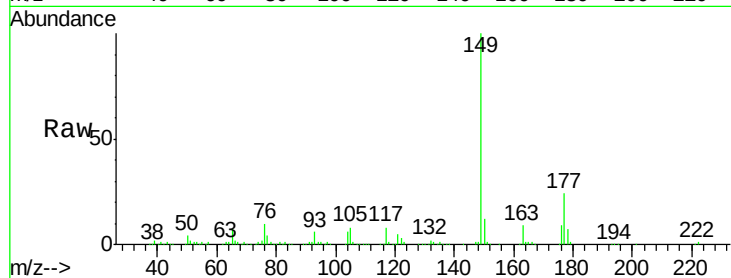




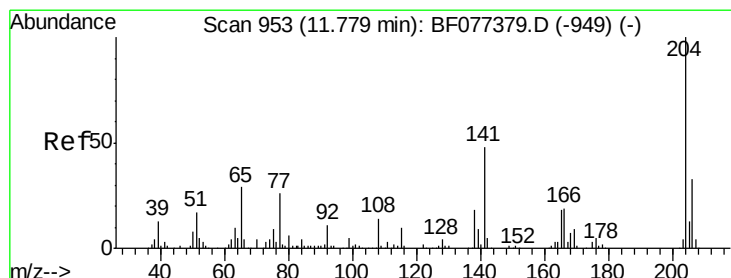
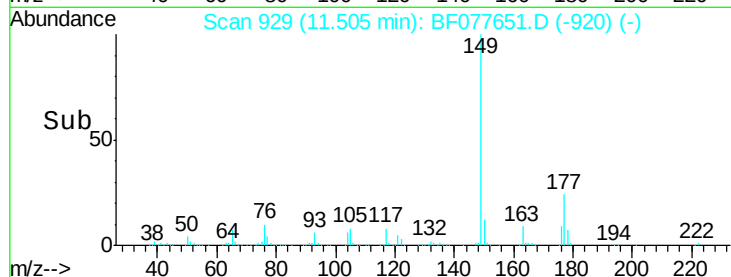
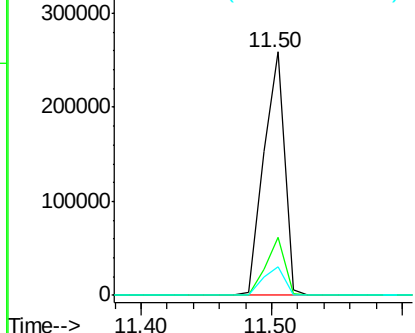
#59
Diethylphthalate
Concen: 33.03 ng
RT: 11.50 min Scan# 929
Delta R.T. -0.00 min
Lab File: BF077651.D
Acq: 9 Mar 2015 21:27

Instrument :
BNA_F
ClientSampleId :
SEP4MS

Tot Ion:149 Resp: 290099
Ion Ratio Lower Upper
149 100
177 24.0 17.2 25.8
150 11.8 10.5 15.7

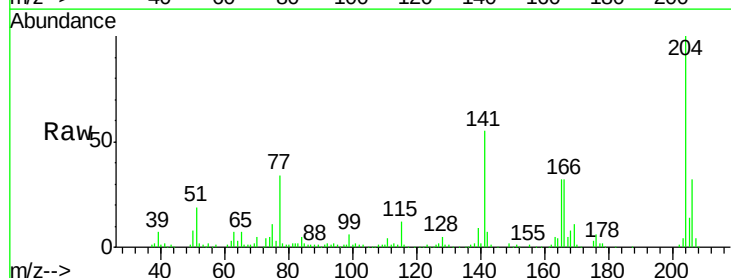


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

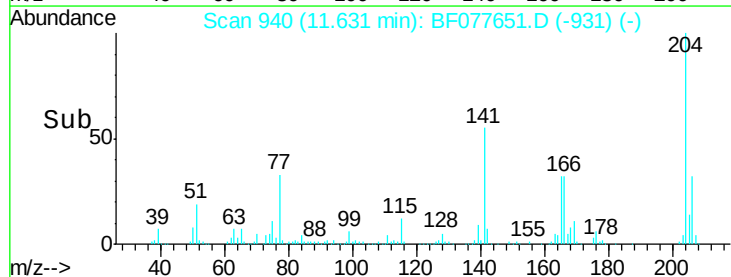
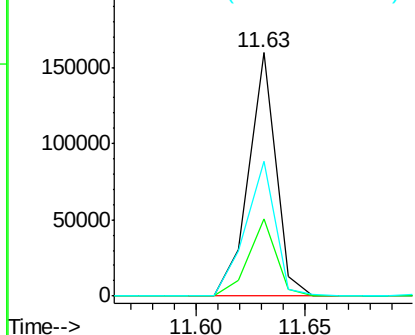


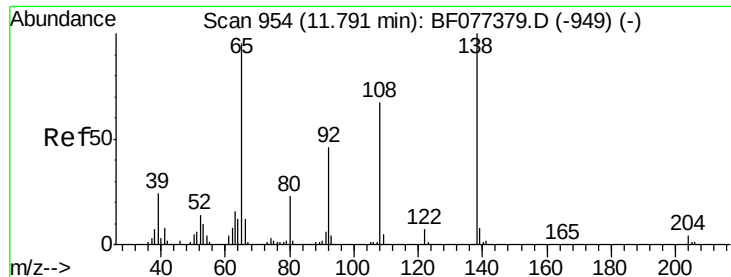
#60
4-Chlorophenyl-phenylether
Concen: 32.94 ng
RT: 11.63 min Scan# 940
Delta R.T. -0.00 min
Lab File: BF077651.D
Acq: 9 Mar 2015 21:27

Tgt Ion:204 Resp: 139359
Ion Ratio Lower Upper
204 100
206 31.9 25.9 38.9
141 55.2 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

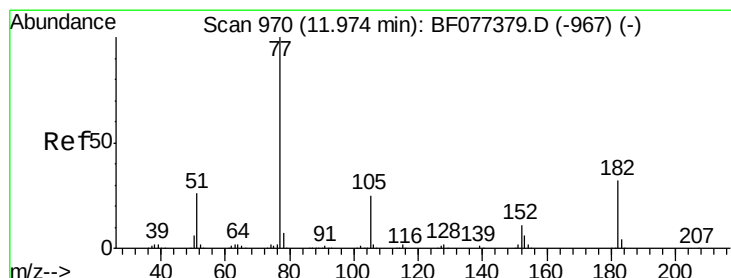
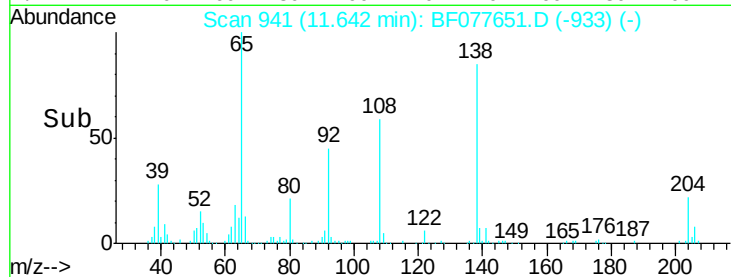
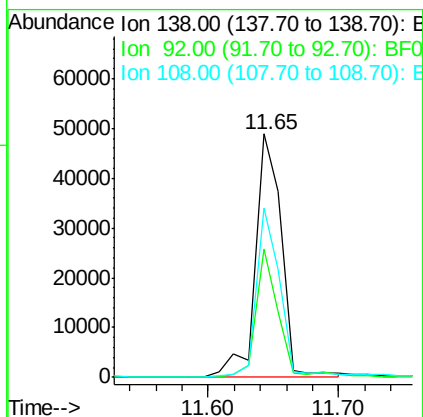
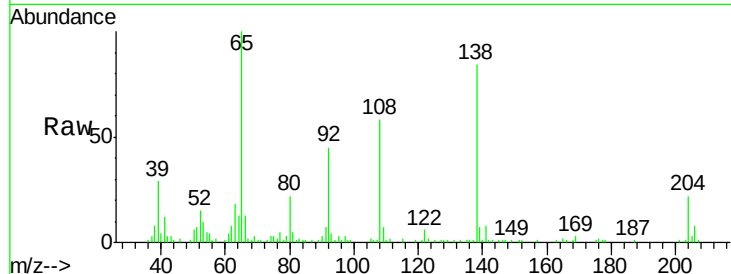




#61
4-Nitroaniline
Concen: 34.62 ng
RT: 11.65 min Scan# 941
Delta R.T. -0.00 min
Lab File: BF077651.D
Acq: 9 Mar 2015 21:27

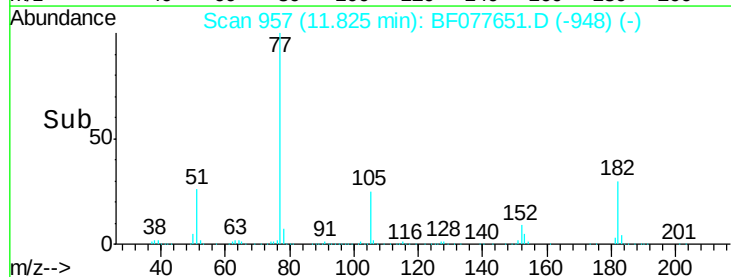
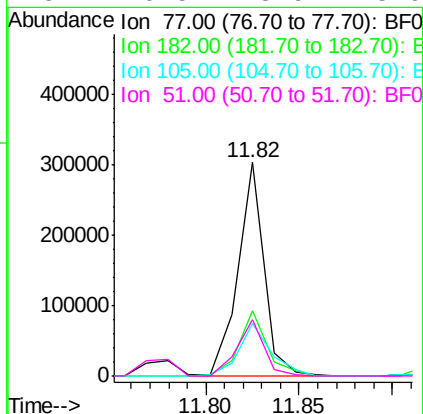
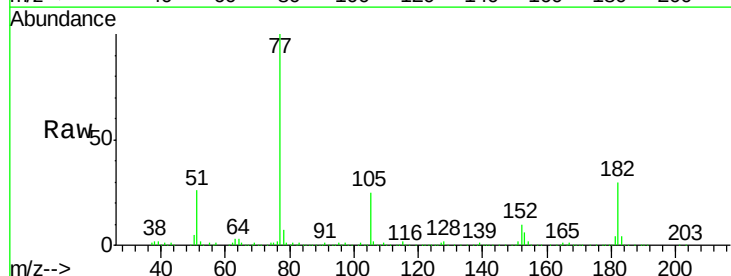
Instrument :
BNA_F
ClientSampleId :
SEP4MS

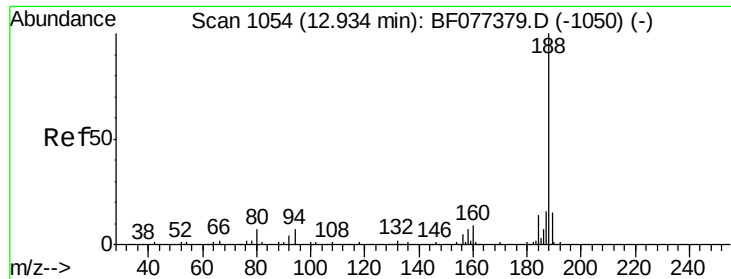
Tot Ion:138 Resp: 68350
Ion Ratio Lower Upper
138 100
92 52.9 32.8 72.8
108 69.4 52.1 92.1



#62
Azobenzene
Concen: 35.18 ng
RT: 11.82 min Scan# 957
Delta R.T. -0.00 min
Lab File: BF077651.D
Acq: 9 Mar 2015 21:27

Tgt Ion: 77 Resp: 293189
Ion Ratio Lower Upper
77 100
182 30.4 4.9 44.9
105 24.8 3.3 43.3
51 26.5 8.9 48.9

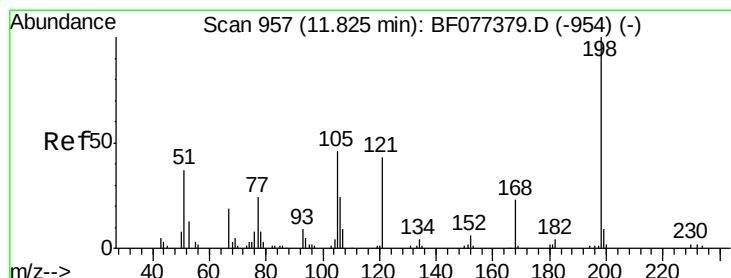
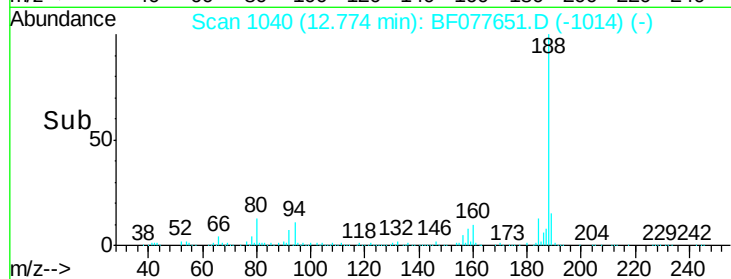
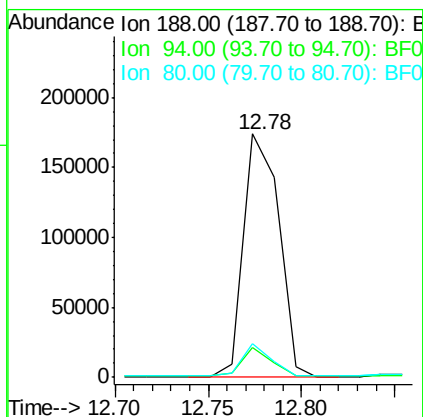
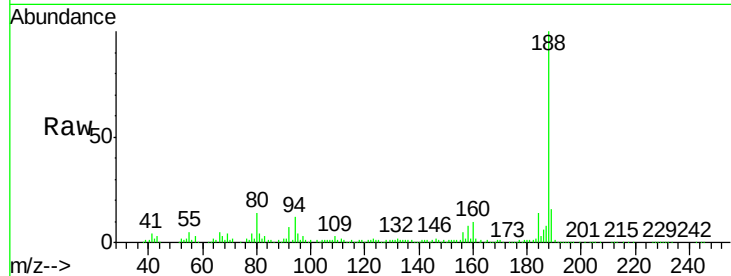




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.78 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF077651.D
Acq: 9 Mar 2015 21:27

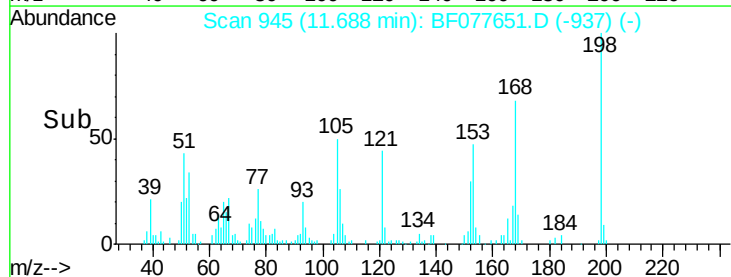
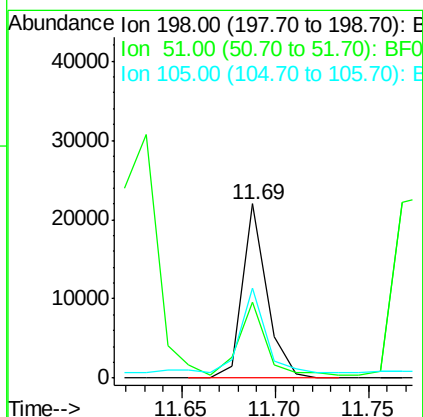
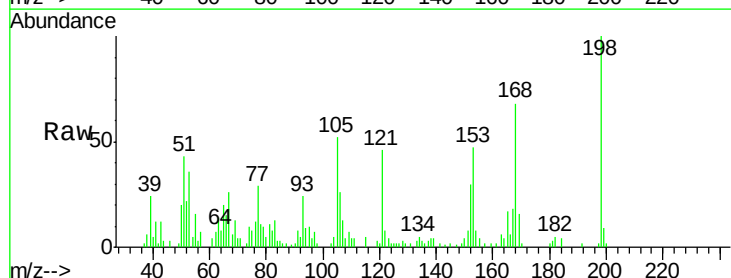
Instrument :
BNA_F
ClientSampleId :
SEP4MS

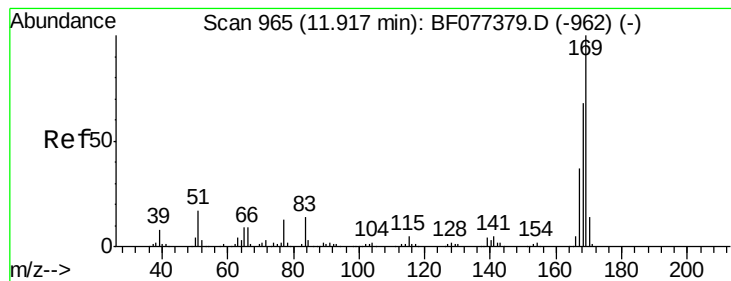
Tot Ion:188 Resp: 230150
Ion Ratio Lower Upper
188 100
94 12.0 7.4 11.2#
80 14.0 8.0 12.0#



#64
4,6-Dinitro-2-methylphenol
Concen: 23.80 ng
RT: 11.69 min Scan# 945
Delta R.T. -0.00 min
Lab File: BF077651.D
Acq: 9 Mar 2015 21:27

Tgt Ion:198 Resp: 19989
Ion Ratio Lower Upper
198 100
51 43.3 2.7 42.7#
105 52.0 10.0 50.0#

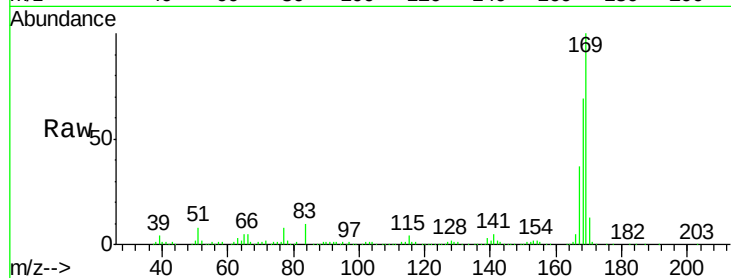




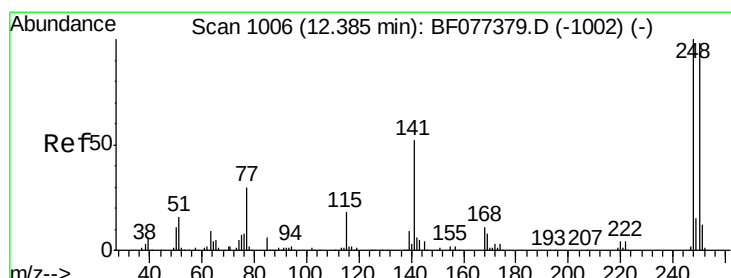
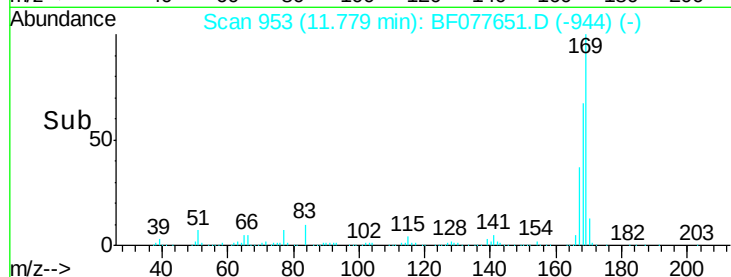
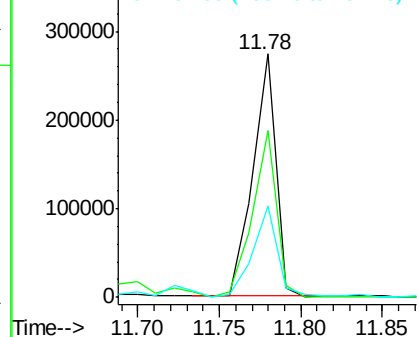
#65
n-Nitrosodiphenylamine
Concen: 35.08 ng
RT: 11.78 min Scan# 953
Delta R.T. -0.00 min
Lab File: BF077651.D
Acq: 9 Mar 2015 21:27

Instrument :
BNA_F
ClientSampleId :
SEP4MS

Tot Ion:169 Resp: 267919
Ion Ratio Lower Upper
169 100
168 68.7 53.0 79.6
167 37.4 29.5 44.3

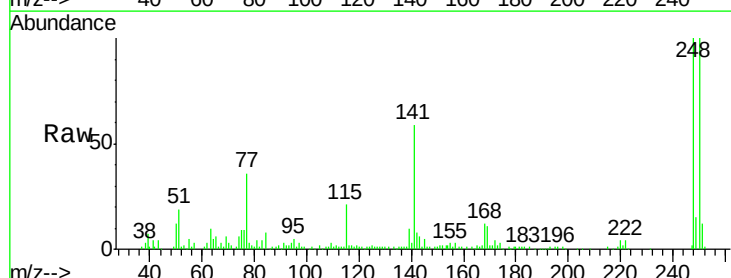


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

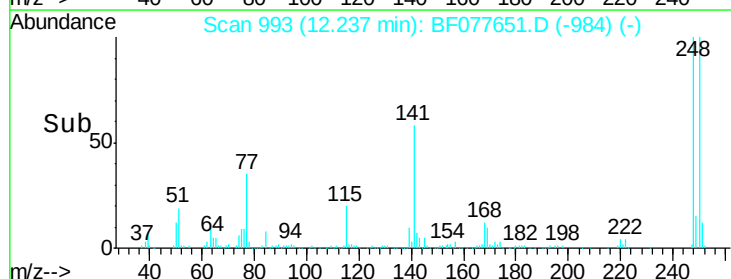
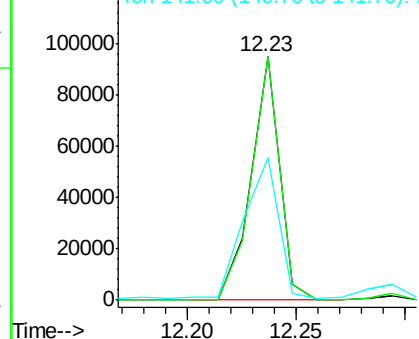


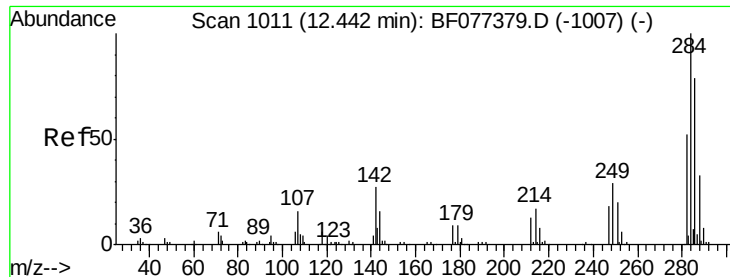
#66
4-Bromophenyl-phenylether
Concen: 31.85 ng
RT: 12.23 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF077651.D
Acq: 9 Mar 2015 21:27

Tgt Ion:248 Resp: 85832
Ion Ratio Lower Upper
248 100
250 99.9 78.0 117.0
141 58.5 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: 32.84 ng

RT: 12.29 min Scan# 998

Delta R.T. -0.00 min

Lab File: BF077651.D

Acq: 9 Mar 2015 21:27

Instrument :

BNA_F

ClientSampled :

SEP4MS

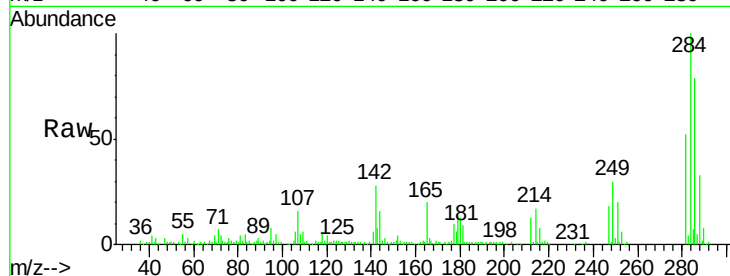
Tot Ion:284 Resp: 94990

Ion Ratio Lower Upper

284 100

142 27.7 31.6 47.4#

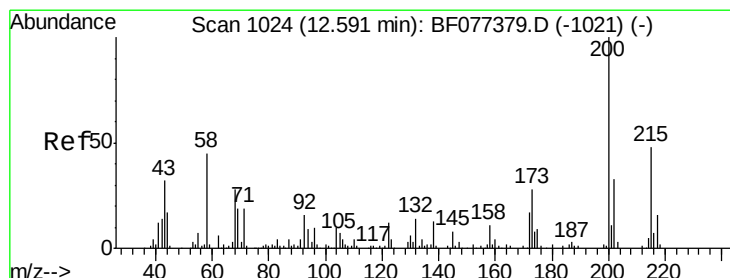
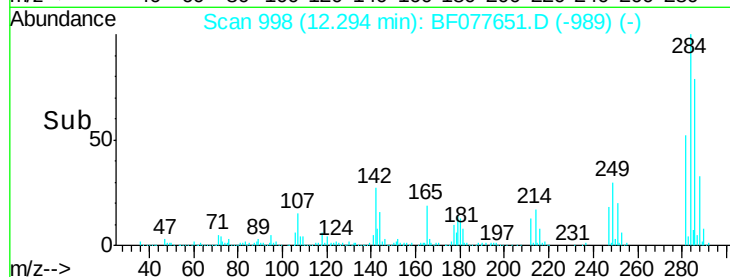
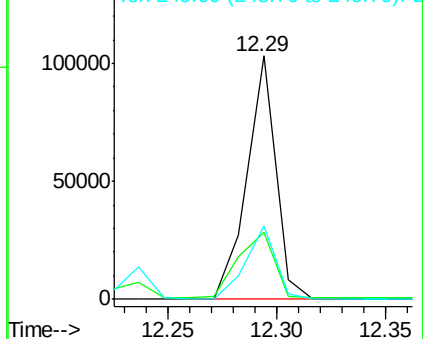
249 30.2 27.0 40.4



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: 35.38 ng

RT: 12.45 min Scan# 1012

Delta R.T. 0.00 min

Lab File: BF077651.D

Acq: 9 Mar 2015 21:27

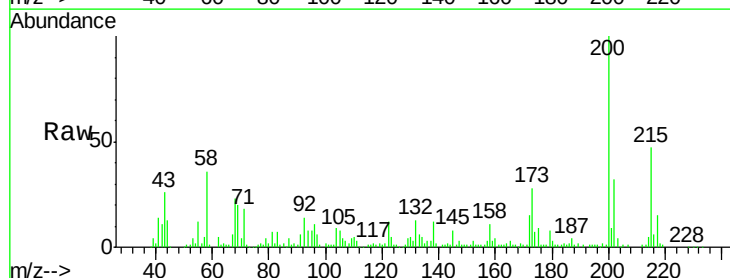
Tgt Ion:200 Resp: 87834

Ion Ratio Lower Upper

200 100

173 27.9 9.6 49.6

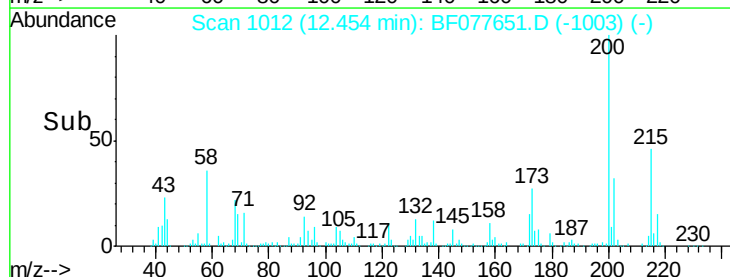
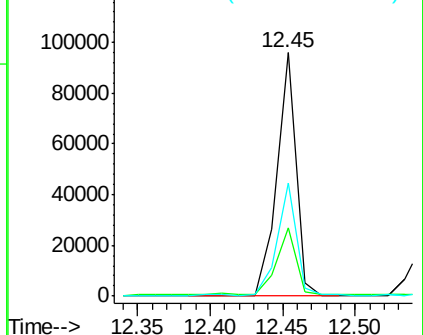
215 46.6 24.4 64.4

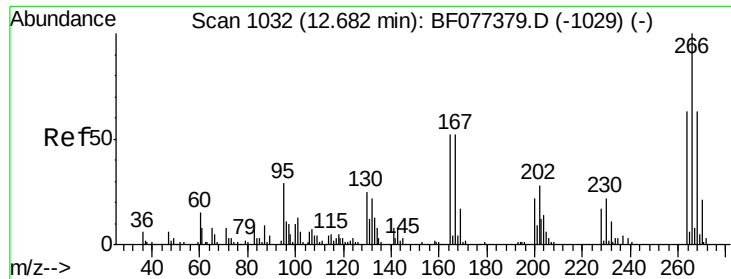


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

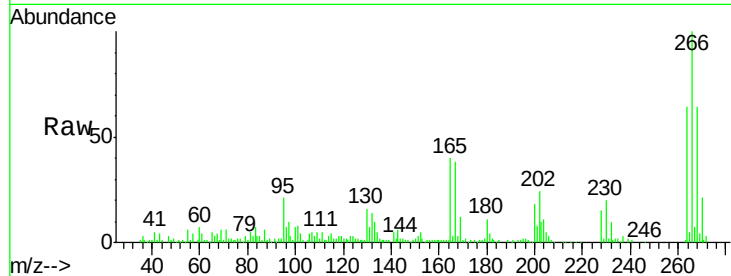




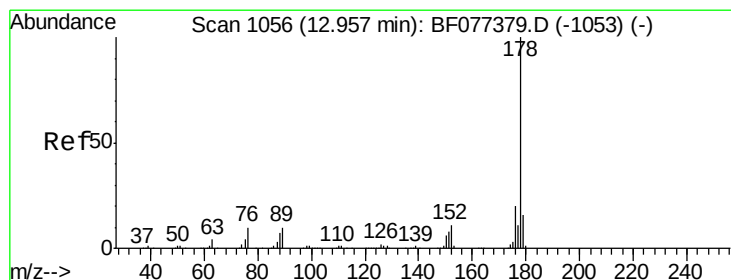
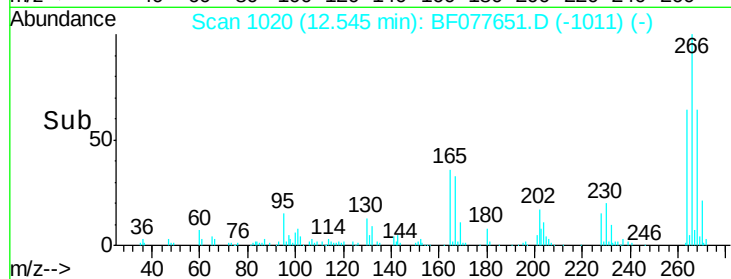
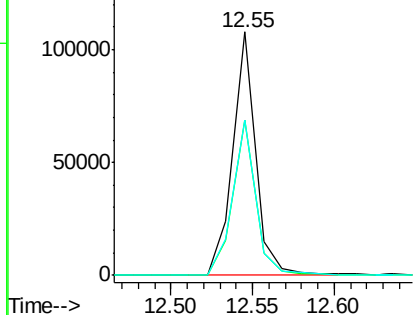
#69
 Pentachlorophenol
 Concen: 69.07 ng
 RT: 12.55 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BF077651.D
 Acq: 9 Mar 2015 21:27

Instrument :
 BNA_F
 ClientSampleId :
 SEP4MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.2	76.8
264	63.7	50.7	76.1

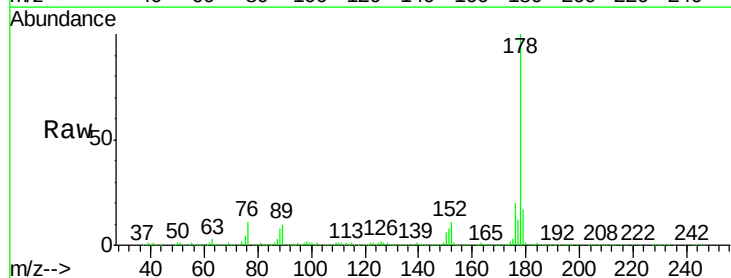


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

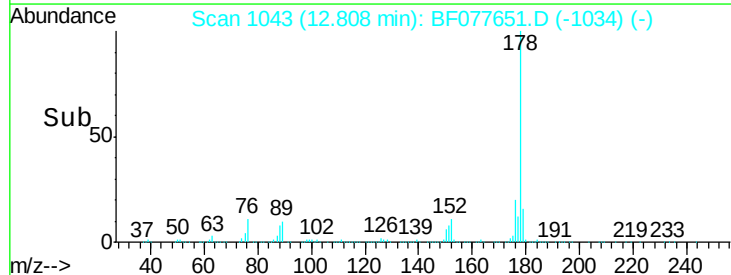
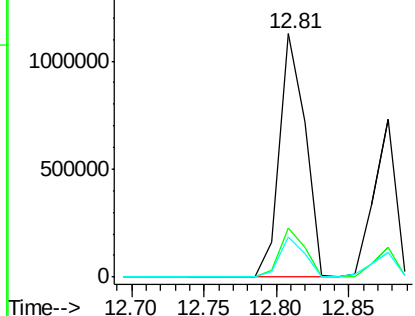


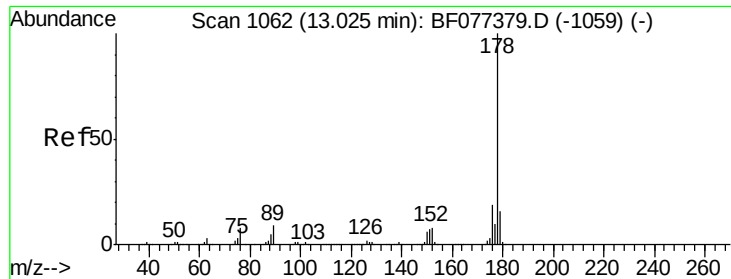
#70
 Phenanthrene
 Concen: 103.43 ng
 RT: 12.81 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF077651.D
 Acq: 9 Mar 2015 21:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.5	23.3
179	16.6	12.2	18.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

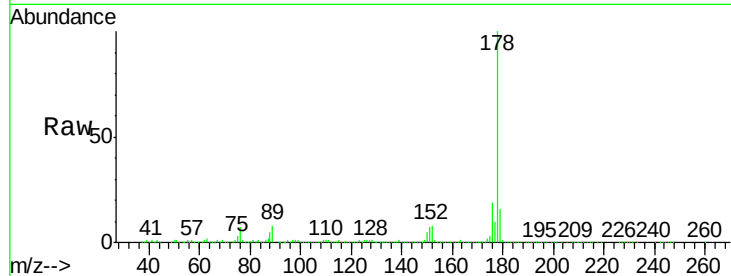




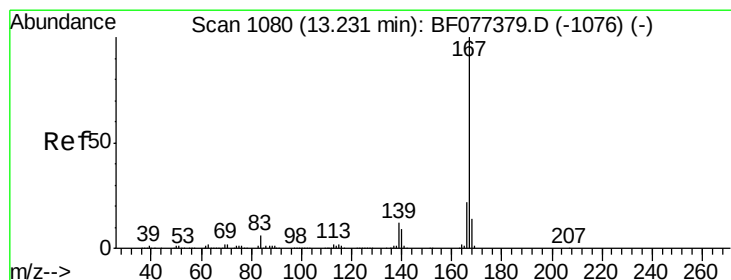
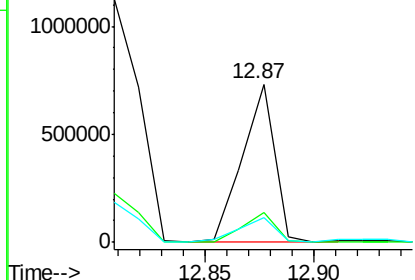
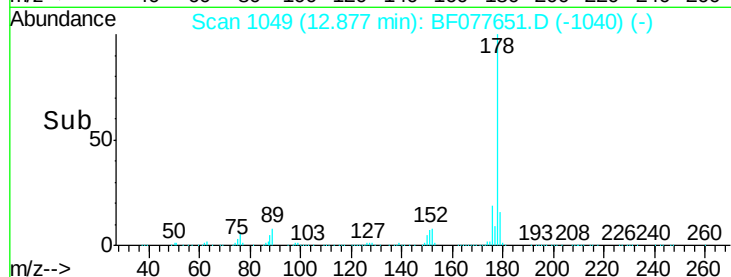
#71
 Anthracene
 Concen: 56.65 ng
 RT: 12.87 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: BF077651.D
 Acq: 9 Mar 2015 21:27

Instrument :
 BNA_F
 ClientSampleId :
 SEP4MS

Tot Ion:178 Resp: 749862
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.4 23.0
 179 16.0 12.9 19.3

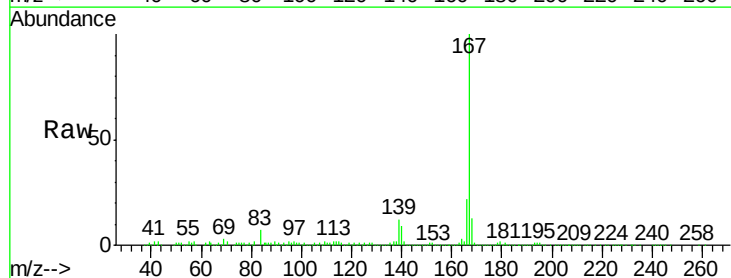


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

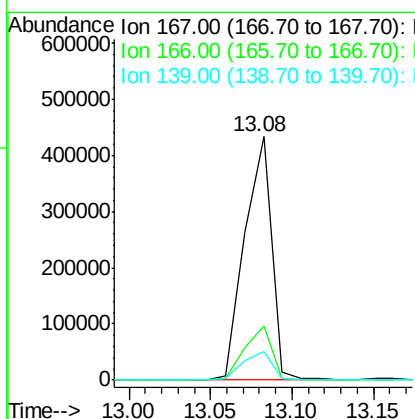
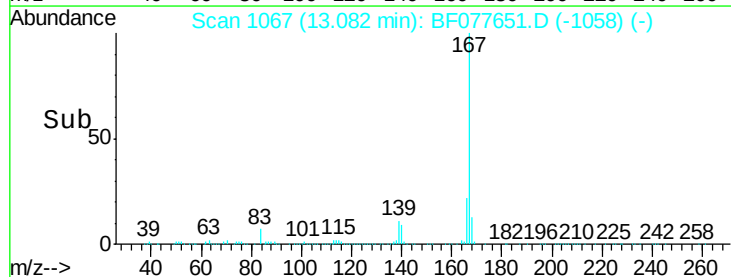


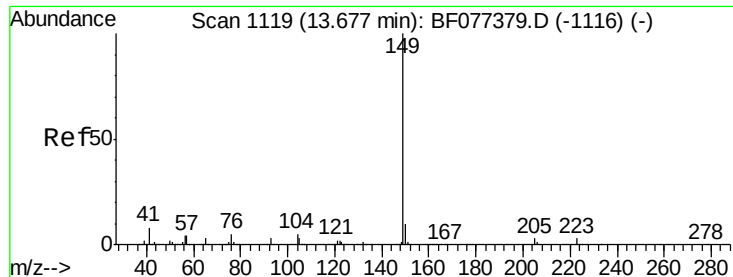
#72
 Carbazole
 Concen: 39.13 ng
 RT: 13.08 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: BF077651.D
 Acq: 9 Mar 2015 21:27

Tgt Ion:167 Resp: 492545
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 11.7 9.9 14.9



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 30.84 ng

RT: 13.53 min Scan# 1106

Delta R.T. 0.00 min

Lab File: BF077651.D

Acq: 9 Mar 2015 21:27

Instrument :

BNA_F

ClientSampleId :

SEP4MS

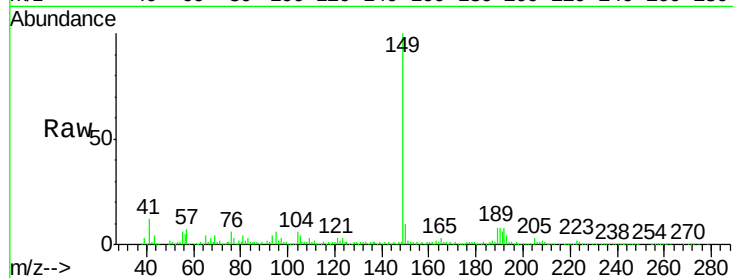
Tot Ion:149 Resp: 455793

Ion Ratio Lower Upper

149 100

150 9.9 7.8 11.8

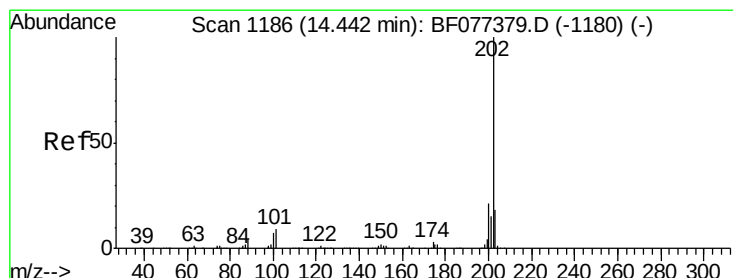
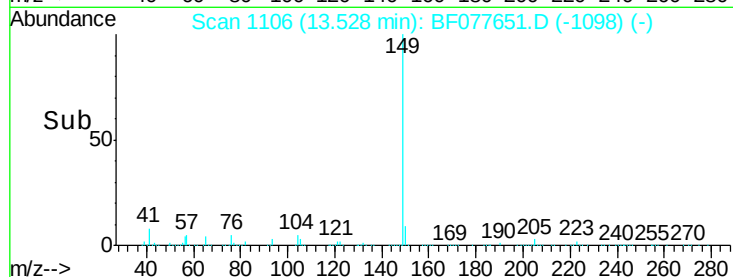
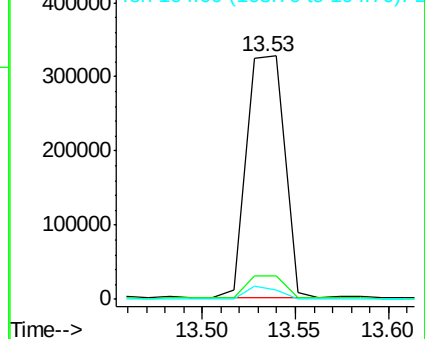
104 5.5 4.1 6.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 91.76 ng

RT: 14.29 min Scan# 1172

Delta R.T. 0.01 min

Lab File: BF077651.D

Acq: 9 Mar 2015 21:27

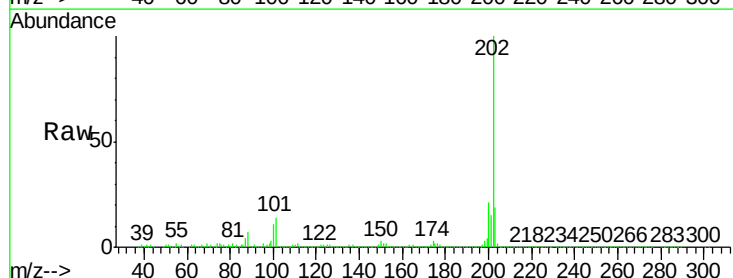
Tgt Ion:202 Resp: 1336989

Ion Ratio Lower Upper

202 100

101 14.0 0.0 30.8

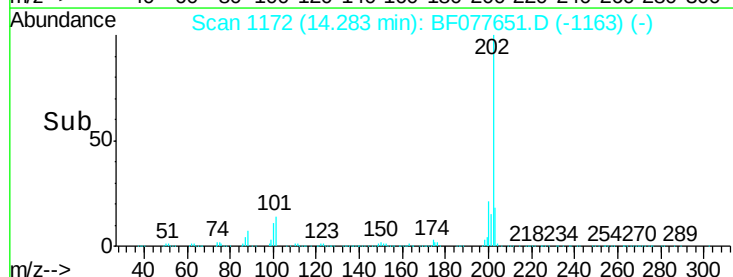
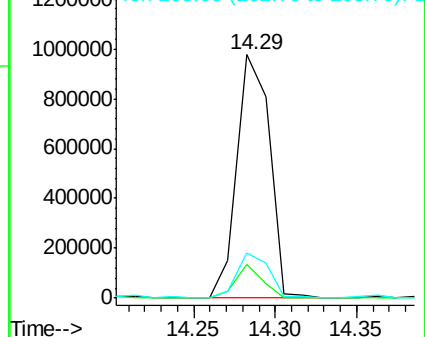
203 18.5 0.0 37.7

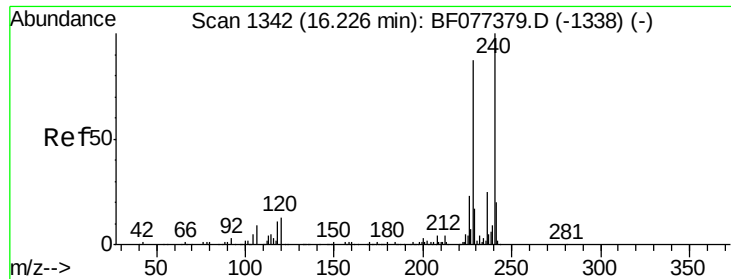


Abundance Ion 202.00 (201.70 to 202.70): E

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: 16.07 min Scan# 1328

Delta R.T. 0.01 min

Lab File: BF077651.D

Acq: 9 Mar 2015 21:27

Instrument :

BNA_F

ClientSampleId :

SEP4MS

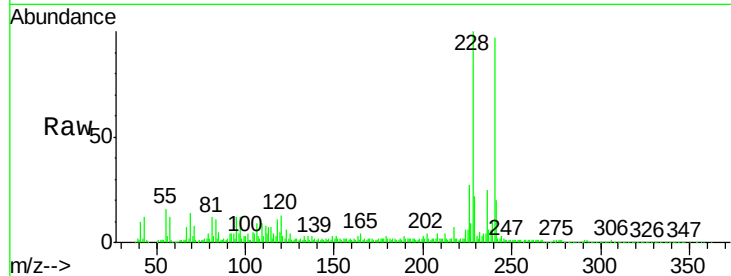
Tot Ion:240 Resp: 234318

Ion Ratio Lower Upper

240 100

120 13.0 8.8 13.2

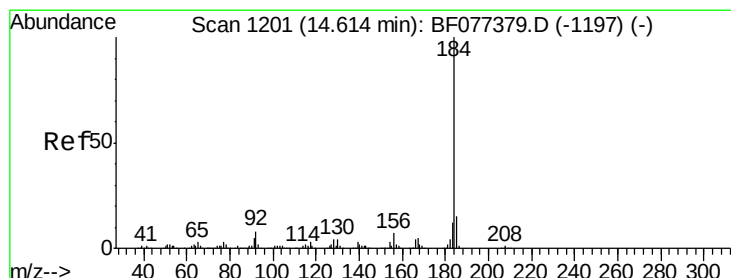
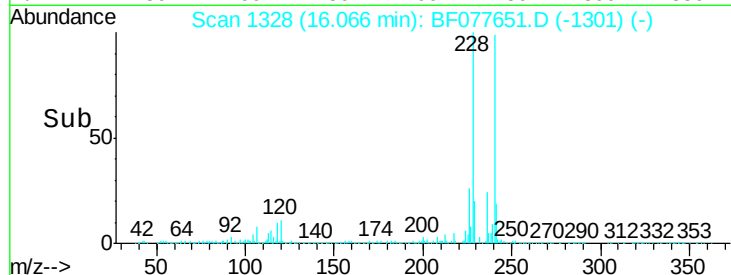
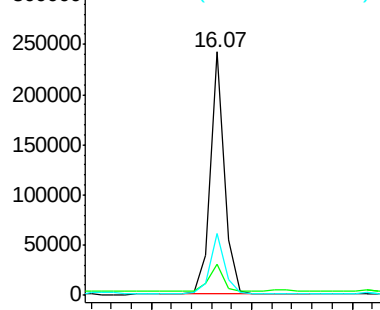
236 25.5 20.7 31.1



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: 18.52 ng

RT: 14.47 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BF077651.D

Acq: 9 Mar 2015 21:27

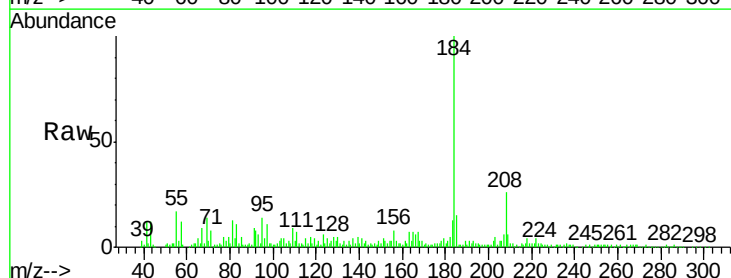
Tgt Ion:184 Resp: 146580

Ion Ratio Lower Upper

184 100

185 14.8 12.6 18.8

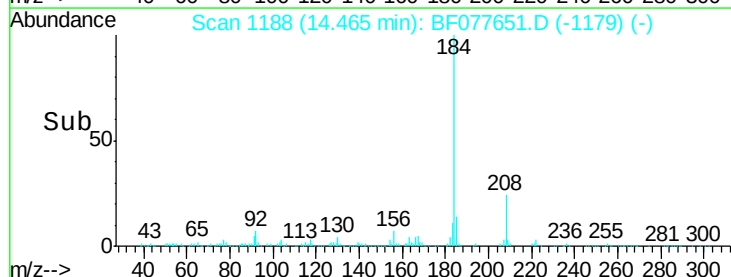
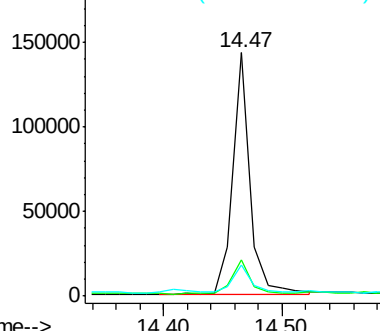
183 13.0 9.3 13.9

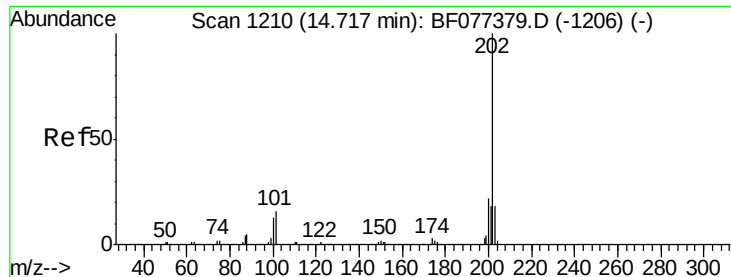


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

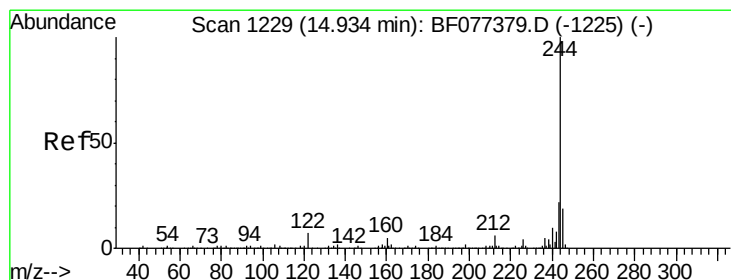
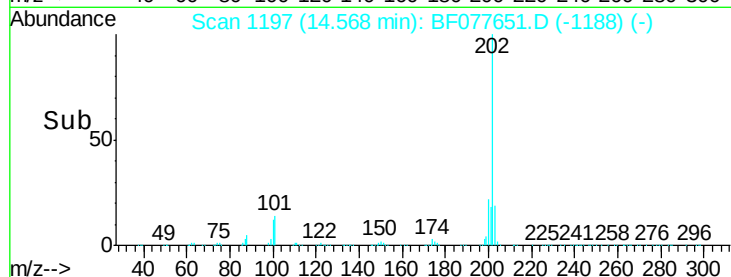
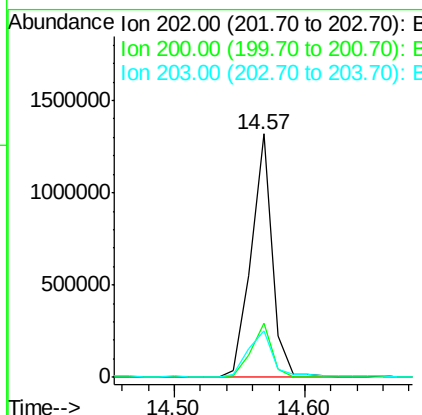
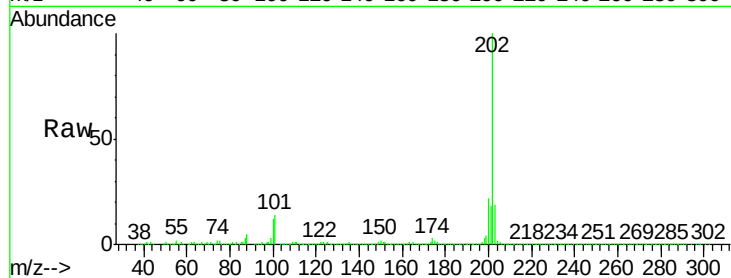




#77
Pvrene
Concen: 103.09 ng
RT: 14.57 min Scan# 1197
Delta R.T. 0.01 min
Lab File: BF077651.D
Acq: 9 Mar 2015 21:27

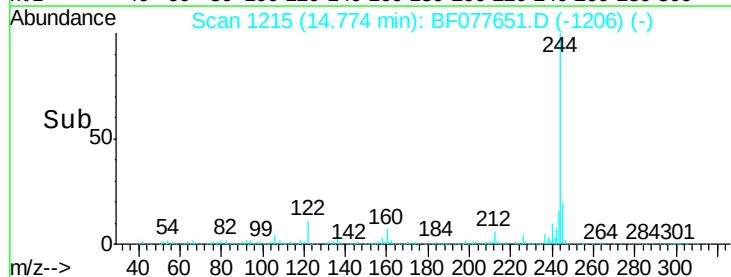
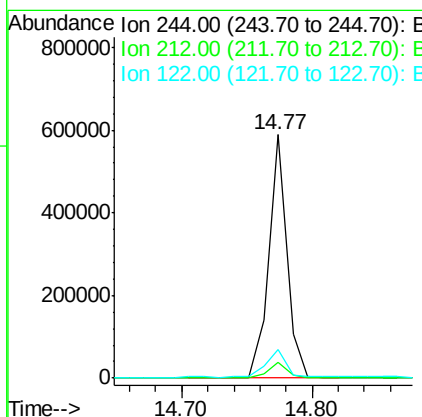
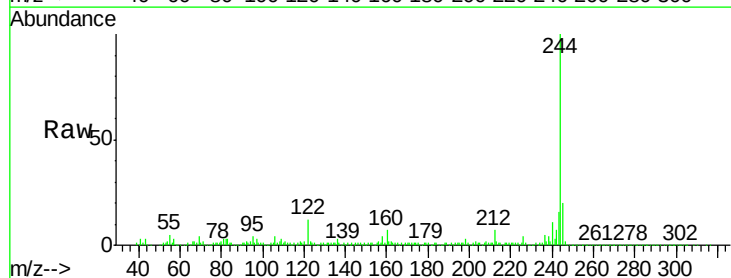
Instrument :
BNA_F
ClientSampleId :
SEP4MS

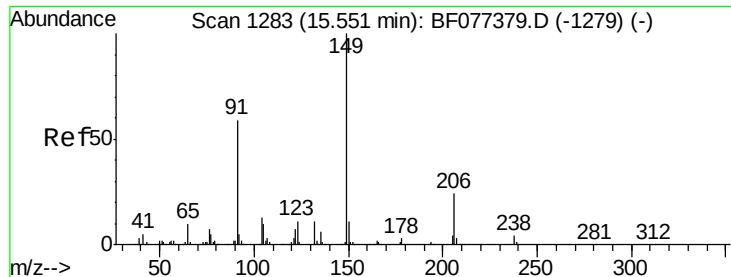
Tot Ion:202 Resp: 1477599
Ion Ratio Lower Upper
202 100
200 22.0 17.1 25.7
203 19.0 14.2 21.2



#78
Terphenyl-d14
Concen: 57.50 ng
RT: 14.77 min Scan# 1215
Delta R.T. 0.00 min
Lab File: BF077651.D
Acq: 9 Mar 2015 21:27

Tgt Ion:244 Resp: 576278
Ion Ratio Lower Upper
244 100
212 6.7 5.2 7.8
122 11.7 7.8 11.8

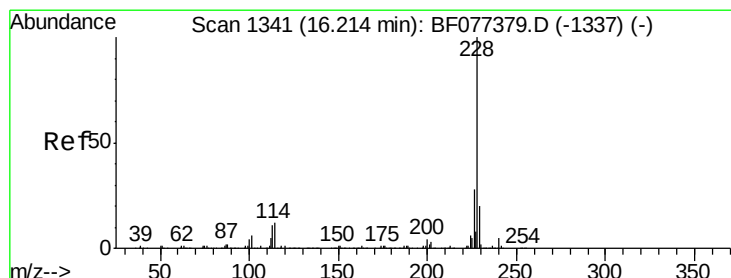
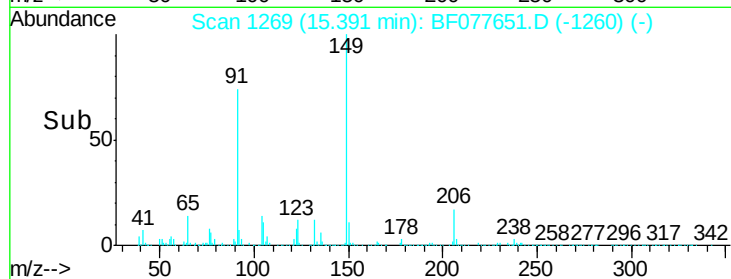
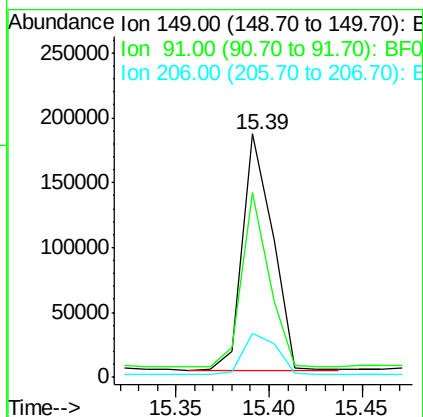
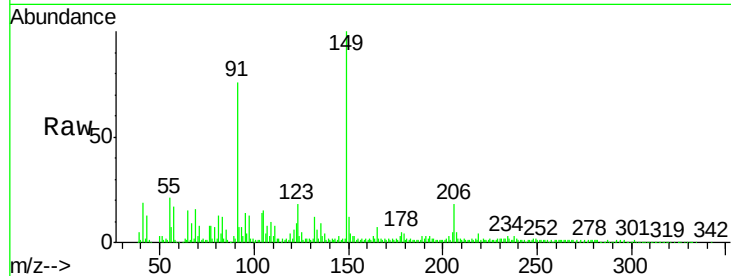




#79
Butylbenzylphthalate
Concen: 34.91 ng
RT: 15.39 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF077651.D
Acq: 9 Mar 2015 21:27

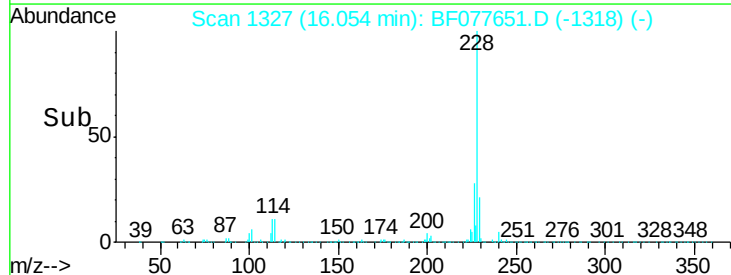
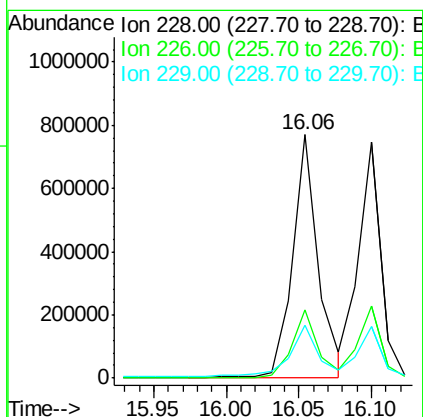
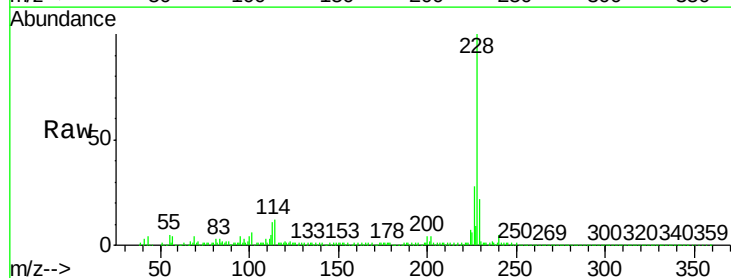
Instrument :
BNA_F
ClientSampleId :
SEP4MS

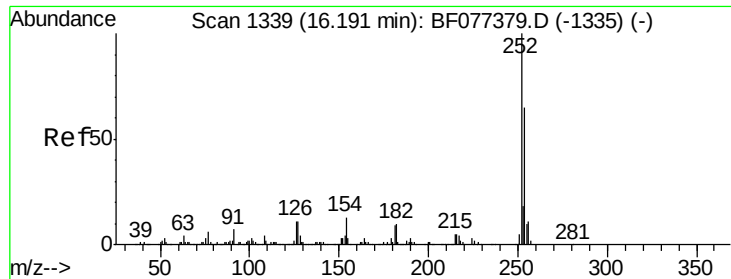
Tot Ion:149 Resp: 205869
Ion Ratio Lower Upper
149 100
91 75.7 51.2 76.8
206 18.1 17.8 26.8



#80
Benzo(a)anthracene
Concen: 67.80 ng
RT: 16.06 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF077651.D
Acq: 9 Mar 2015 21:27

Tgt Ion:228 Resp: 931089
Ion Ratio Lower Upper
228 100
226 28.2 22.0 33.0
229 21.8 15.8 23.8

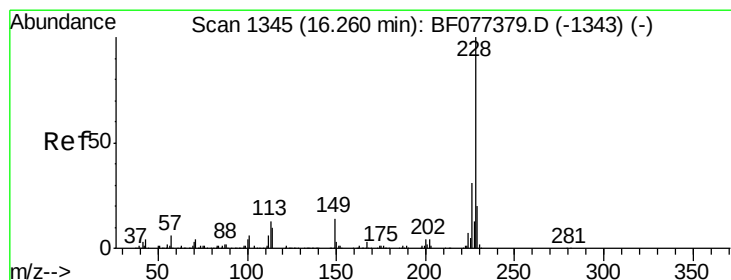
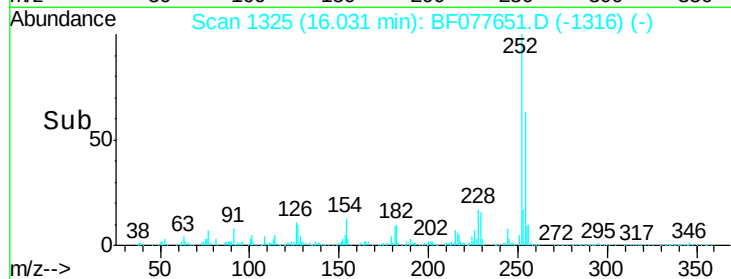
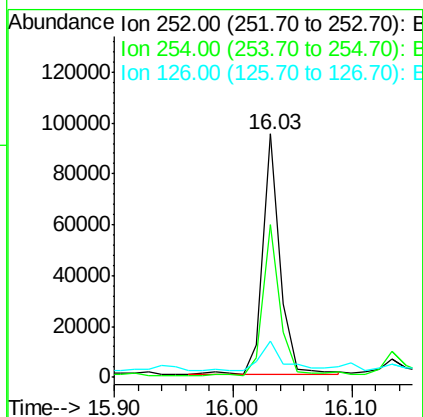
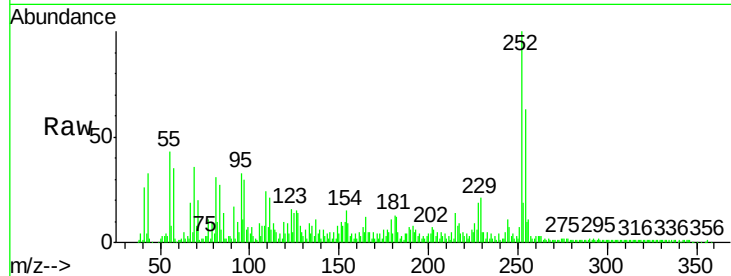




#81
 3,3'-Dichlorobenzidine
 Concen: 19.44 ng
 RT: 16.03 min Scan# 1325
 Delta R.T. 0.01 min
 Lab File: BF077651.D
 Acq: 9 Mar 2015 21:27

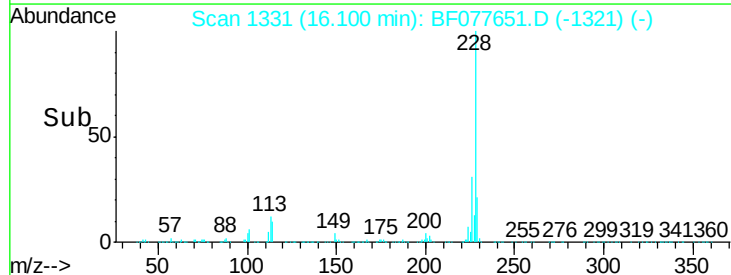
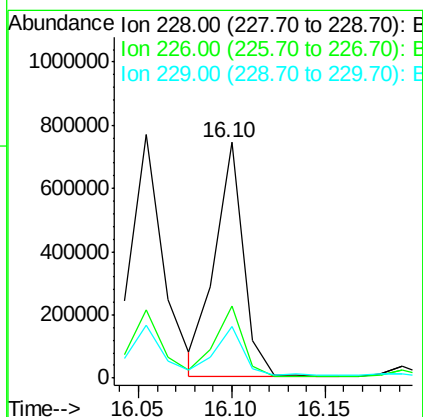
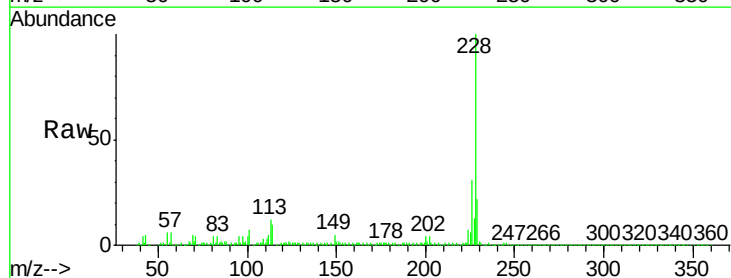
Instrument :
 BNA_F
 ClientSampleId :
 SEP4MS

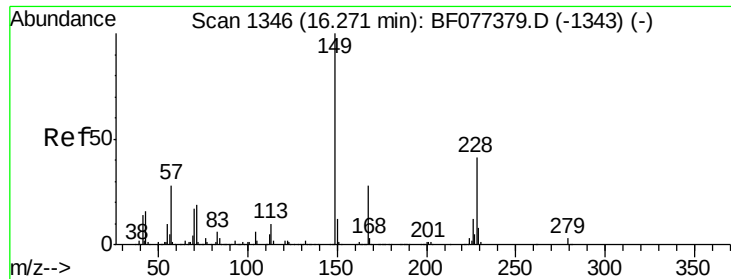
Tot Ion:252 Resp: 97841
 Ion Ratio Lower Upper
 252 100
 254 62.7 52.9 79.3
 126 14.6 7.3 10.9#



#82
 Chrysene
 Concen: 61.24 ng
 RT: 16.10 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: BF077651.D
 Acq: 9 Mar 2015 21:27

Tgt Ion:228 Resp: 789745
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.9 37.3
 229 22.1 16.4 24.6

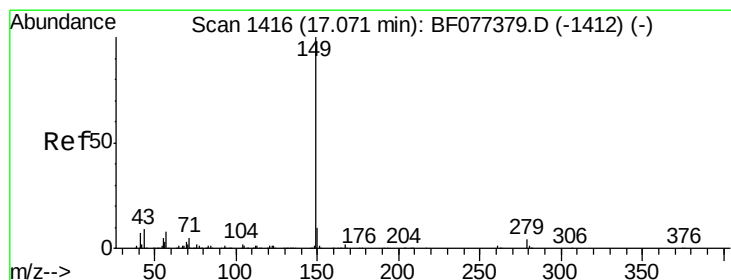
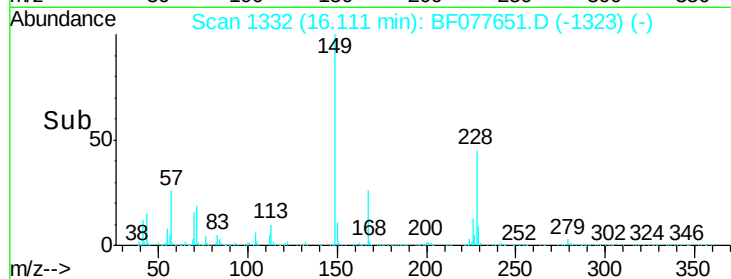
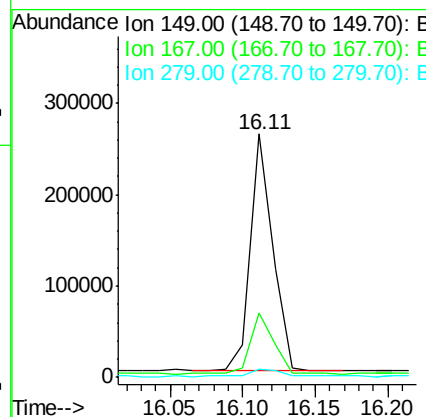
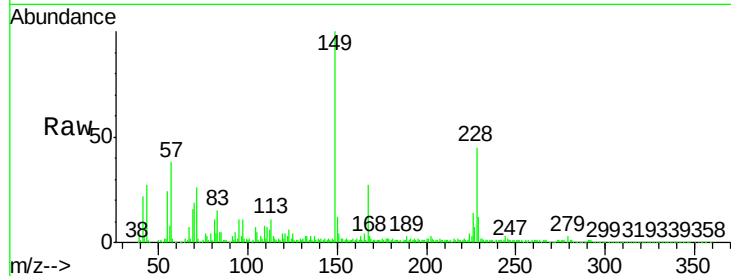




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 29.52 ng
 RT: 16.11 min Scan# 1332
 Delta R.T. 0.01 min
 Lab File: BF077651.D
 Acq: 9 Mar 2015 21:27

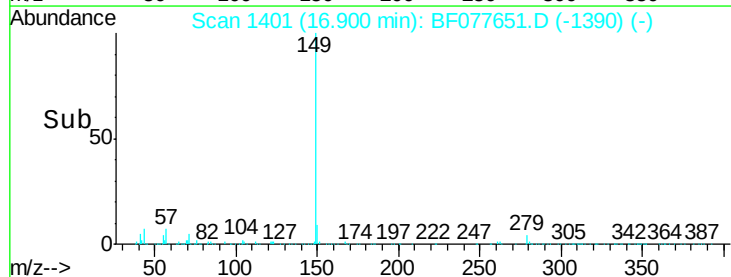
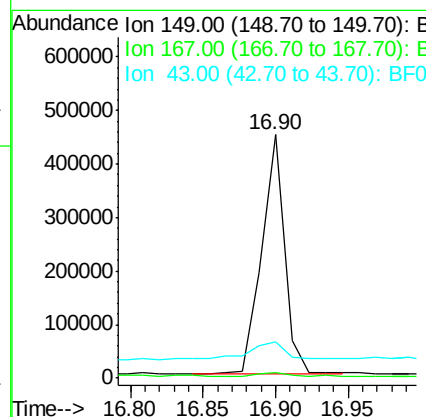
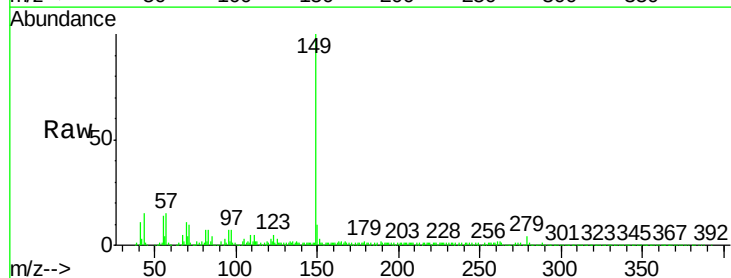
Instrument :
 BNA_F
 ClientSampleId :
 SEP4MS

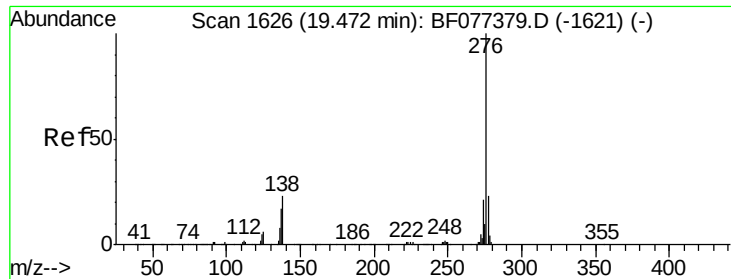
Tot Ion:149 Resp: 279182
 Ion Ratio Lower Upper
 149 100
 167 26.6 22.8 34.2
 279 3.2 3.8 5.6#



#84
 Di-n-octyl phthalate
 Concen: 31.03 ng
 RT: 16.90 min Scan# 1401
 Delta R.T. 0.02 min
 Lab File: BF077651.D
 Acq: 9 Mar 2015 21:27

Tgt Ion:149 Resp: 489931
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 14.2 8.1 12.1#

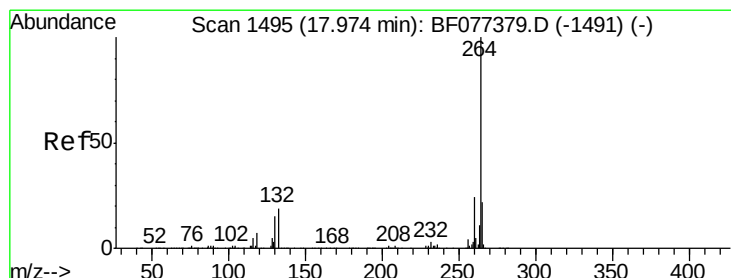
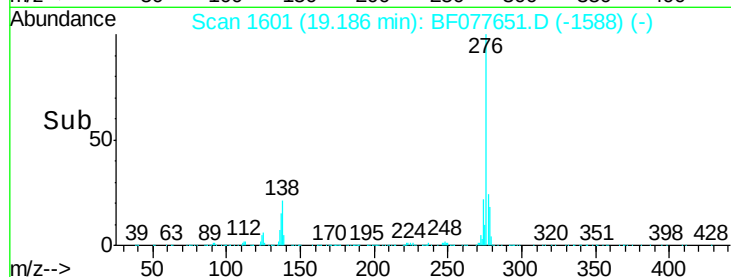
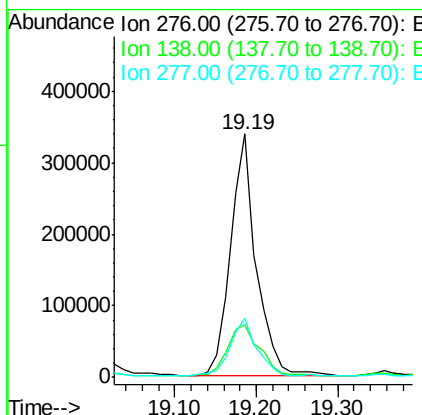
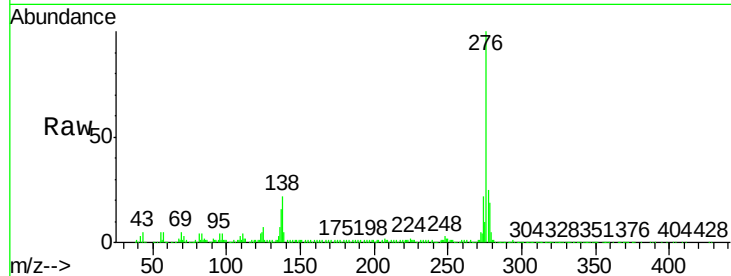




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.74 ng
 RT: 19.19 min Scan# 1601
 Delta R.T. 0.05 min
 Lab File: BF077651.D
 Acq: 9 Mar 2015 21:27

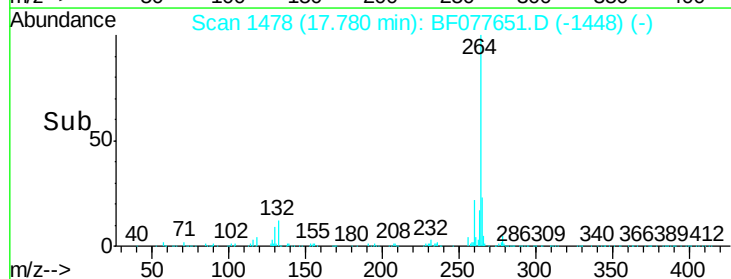
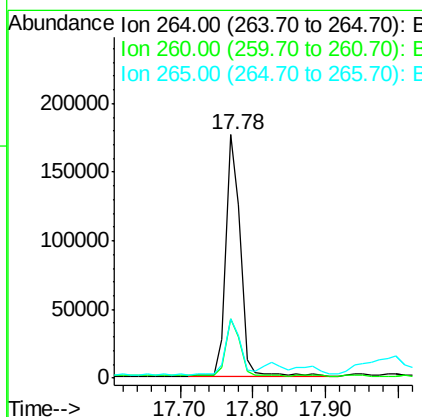
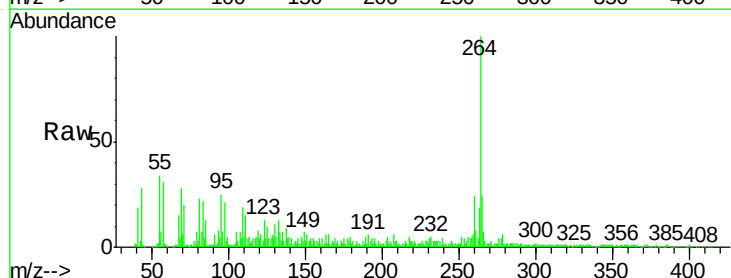
Instrument :
 BNA_F
 ClientSampleId :
 SEP4MS

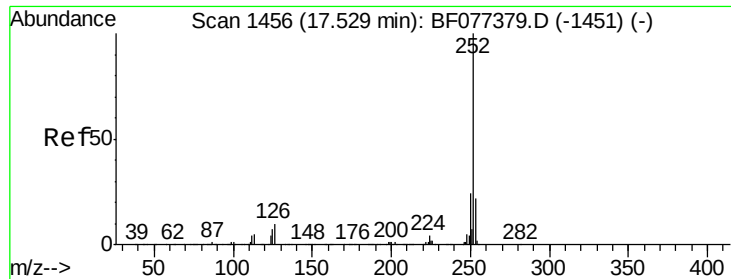
Tot Ion:276 Resp: 731396
 Ion Ratio Lower Upper
 276 100
 138 26.4 21.2 31.8
 277 24.3 20.0 30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.78 min Scan# 1478
 Delta R.T. 0.04 min
 Lab File: BF077651.D
 Acq: 9 Mar 2015 21:27

Tgt Ion:264 Resp: 243830
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.3 28.9
 265 24.4 16.8 25.2

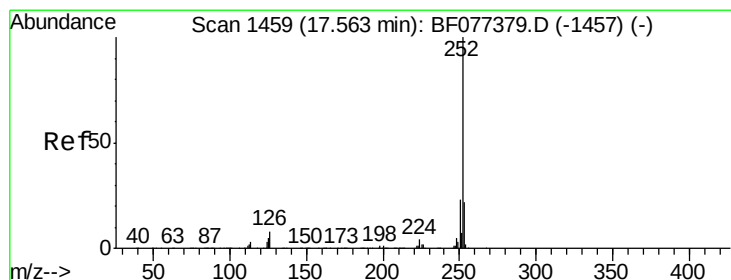
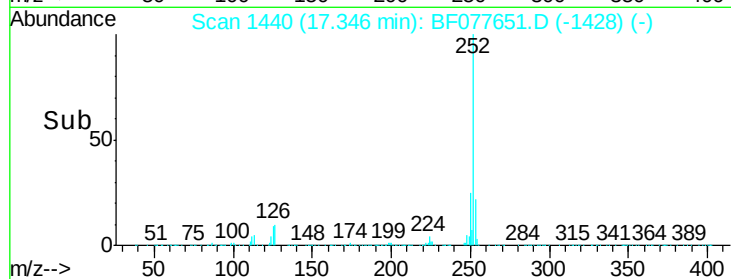
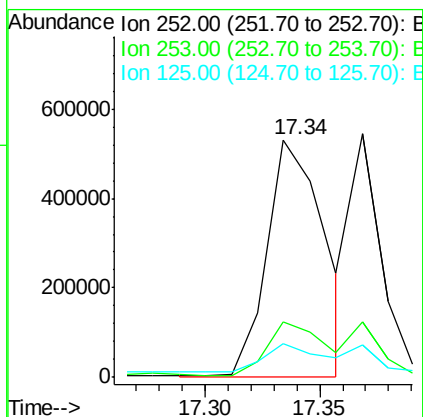
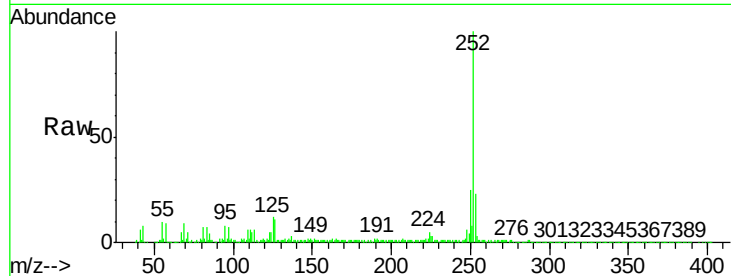




#87
Benzo(b)fluoranthene
Concen: 65.54 ng m
RT: 17.35 min Scan# 1440
Delta R.T. 0.04 min
Lab File: BF077651.D
Acq: 9 Mar 2015 21:27

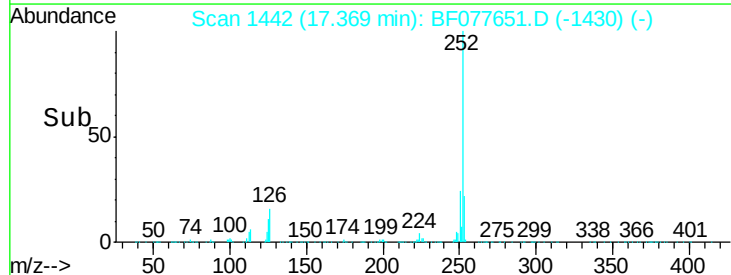
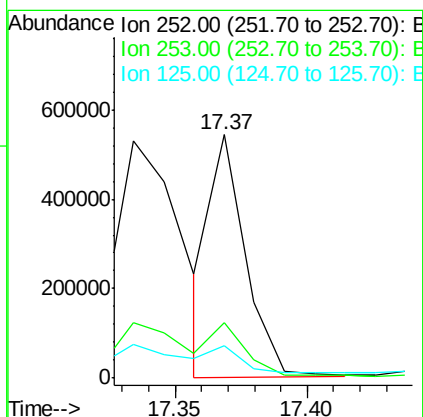
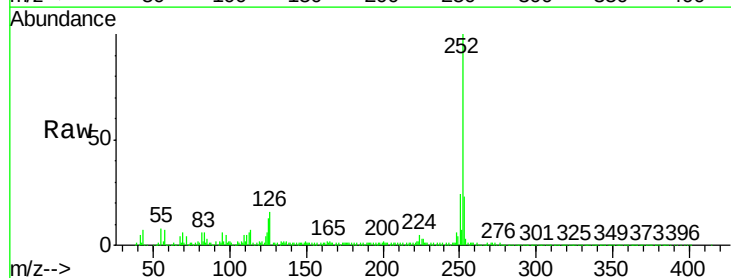
Instrument :
BNA_F
ClientSampleId :
SEP4MS

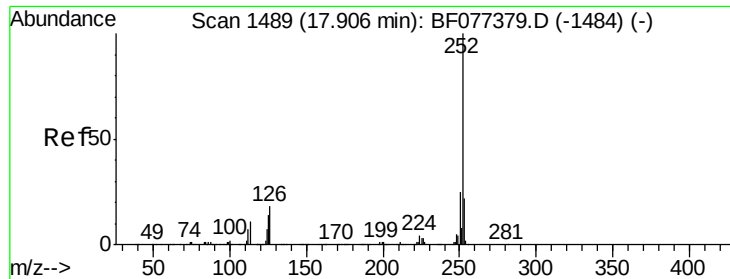
Tot Ion:252 Resp: 929338
Ion Ratio Lower Upper
252 100
253 23.0 17.6 26.4
125 11.8 5.4 8.2#



#88
Benzo(k)fluoranthene
Concen: 36.40 ng m
RT: 17.37 min Scan# 1442
Delta R.T. 0.03 min
Lab File: BF077651.D
Acq: 9 Mar 2015 21:27

Tgt Ion:252 Resp: 505854
Ion Ratio Lower Upper
252 100
253 22.9 18.1 27.1
125 13.1 10.1 15.1

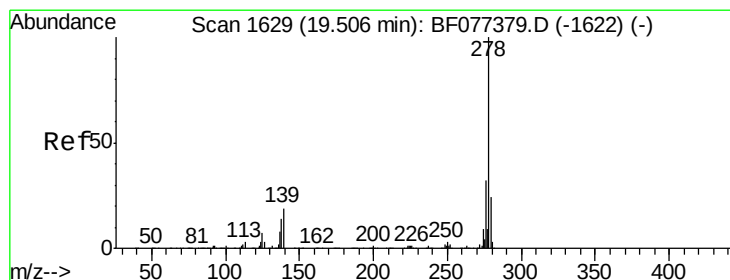
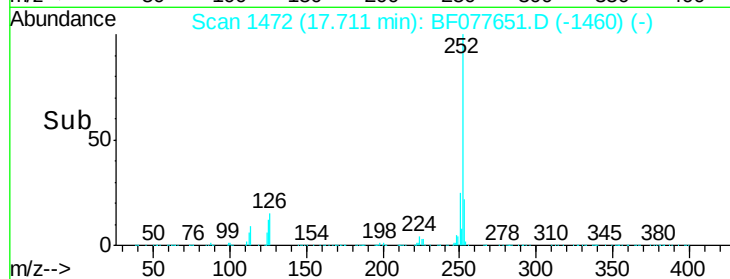
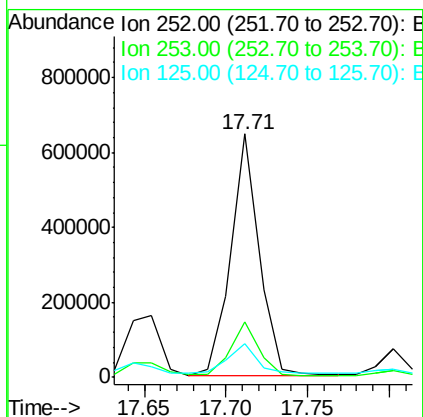
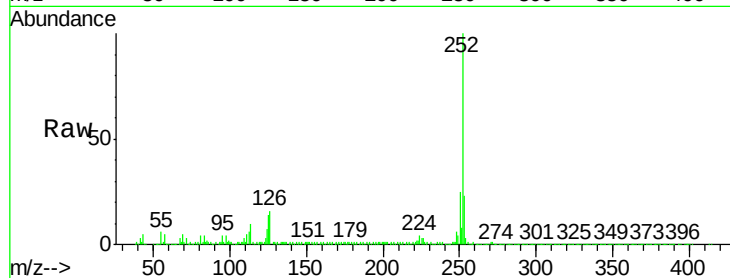




#89
Benzo(a)pyrene
Concen: 56.92 ng
RT: 17.71 min Scan# 1472
Delta R.T. 0.04 min
Lab File: BF077651.D
Acq: 9 Mar 2015 21:27

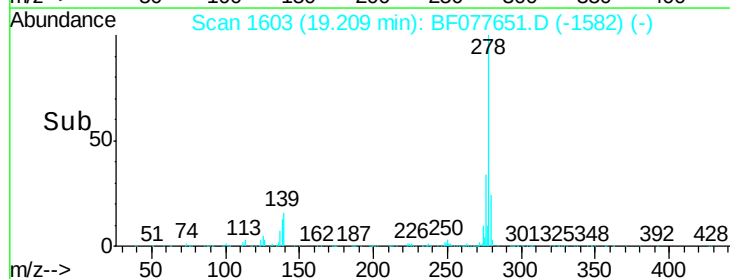
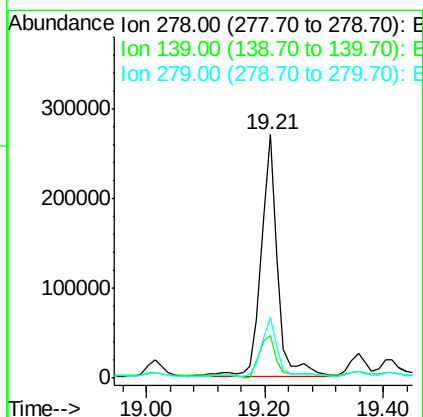
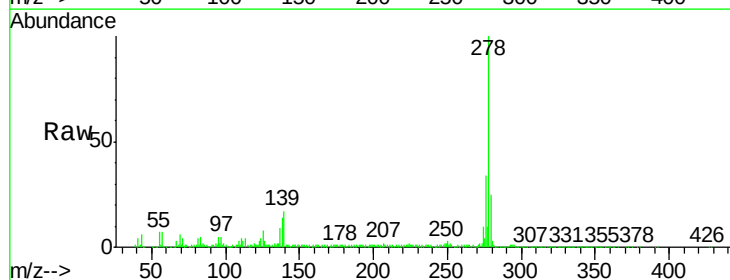
Instrument :
BNA_F
ClientSampleId :
SEP4MS

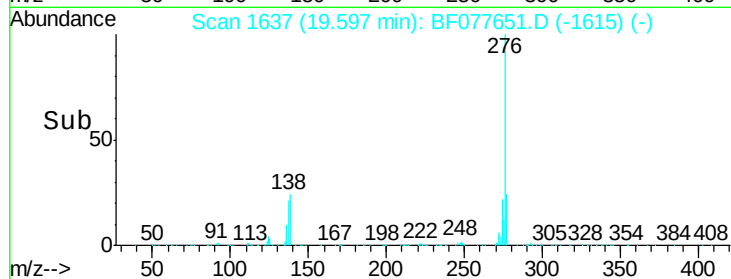
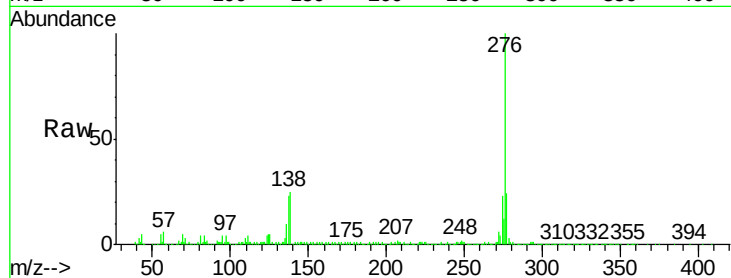
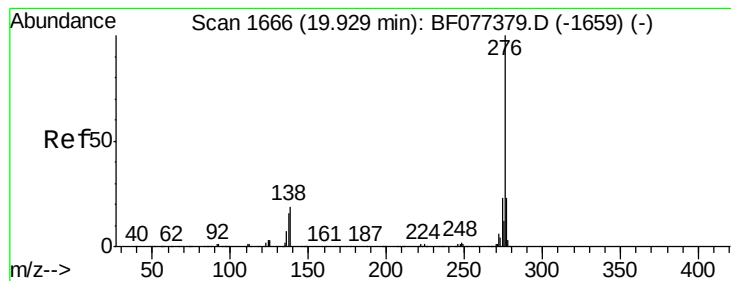
Tot Ion:252 Resp: 768659
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.2
125 13.8 8.3 12.5#



#90
Dibenzo(a,h)anthracene
Concen: 40.60 ng
RT: 19.21 min Scan# 1603
Delta R.T. 0.05 min
Lab File: BF077651.D
Acq: 9 Mar 2015 21:27

Tgt Ion:278 Resp: 522864
Ion Ratio Lower Upper
278 100
139 17.4 14.3 21.5
279 25.0 19.0 28.6





#91

Benzo(a,h,i)perylene

Concen: 49.68 ng

RT: 19.60 min Scan# 1637

Delta R.T. 0.05 min

Lab File: BF077651.D

Acq: 9 Mar 2015 21:27

Instrument :

BNA_F

ClientSampleId :

SEP4MS

Tot Ion:276 Resp: 645771

Ion Ratio Lower Upper

276 100

277 24.5 18.9 28.3

138 25.4 20.5 30.7

