

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030915\
 Data File : BF077652.D
 Acq On : 9 Mar 2015 21:56
 Operator : TP/IZ
 Sample : G1453-03MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SEP4MSD

Quant Time: Mar 10 03:23:05 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	53664	20.00	ng	0.00
21) Naphthalene-d8	8.77	136	220907	20.00	ng	0.00
38) Acenaphthene-d10	10.94	164	114939	20.00	ng	0.00
63) Phenanthrene-d10	12.78	188	225624	20.00	ng	0.00
75) Chrysene-d12	16.07	240	242786	20.00	ng	0.00
86) Perylene-d12	17.81	264	241121	20.00	ng	0.08

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	347095	107.98	ng	0.00
7) Phenol-d6	6.76	99	412446	99.79	ng	0.00
23) Nitrobenzene-d5	7.88	82	217466	61.22	ng	0.00
41) 2,4,6-Tribromophenol	11.92	330	110223	99.59	ng	0.00
44) 2-Fluorobiphenyl	10.12	172	457937	62.12	ng	0.00
78) Terphenyl-d14	14.77	244	535298	51.54	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.11	88	39309	28.82	ng	93
3) Pyridine	2.84	79	115722	29.65	ng	95
4) n-Nitrosodimethylamine	2.74	42	57354	33.80	ng	98
6) Aniline	6.78	93	49441	8.66	ng	# 32
8) 2-Chlorophenol	6.92	128	118162	31.16	ng	96
9) Benzaldehyde	6.64	77	15205	6.06	ng	91
10) Phenol	6.78	94	154667	31.54	ng	88
11) bis(2-Chloroethyl)ether	6.88	93	104771	29.73	ng	97
12) 1,3-Dichlorobenzene	7.12	146	121222	29.36	ng	# 92
13) 1,4-Dichlorobenzene	7.21	146	120314	28.64	ng	97
14) 1,2-Dichlorobenzene	7.40	146	117841	29.49	ng	96
15) Benzyl Alcohol	7.38	79	94884	30.20	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.55	45	134644	26.73	ng	99
17) 2-Methylphenol	7.53	107	95161	32.11	ng	99
18) Hexachloroethane	7.81	117	40242	28.68	ng	# 86
19) n-Nitroso-di-n-propylamine	7.71	70	77688	29.60	ng	96
20) 3+4-Methylphenols	7.72	107	127539	32.67	ng	# 73
22) Acetophenone	7.70	105	157241	30.26	ng	# 86
24) Nitrobenzene	7.91	77	110680	29.61	ng	# 83
25) Isophorone	8.21	82	204453	29.01	ng	96
26) 2-Nitrophenol	8.30	139	55553	36.27	ng	91
27) 2,4-Dimethylphenol	8.37	122	107316	31.31	ng	97
28) bis(2-Chloroethoxy)methane	8.49	93	129639	29.12	ng	98
29) 2,4-Dichlorophenol	8.60	162	102527	31.87	ng	94
30) 1,2,4-Trichlorobenzene	8.70	180	105680	29.88	ng	99
31) Naphthalene	8.80	128	354736	32.11	ng	99
32) Benzoic acid	8.45	122	19591	11.76	ng	95
33) 4-Chloroaniline	8.87	127	49224	10.02	ng	97
34) Hexachlorobutadiene	8.95	225	56571	28.02	ng	98
35) Caprolactam	9.29	113	31418	31.99	ng	91
36) 4-Chloro-3-methylphenol	9.48	107	107994	33.39	ng	100
37) 2-Methylnaphthalene	9.65	142	240650	30.67	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.86	216	101793	30.87	ng	99
40) Hexachlorocyclopentadiene	9.85	237	61502	34.78	ng	97

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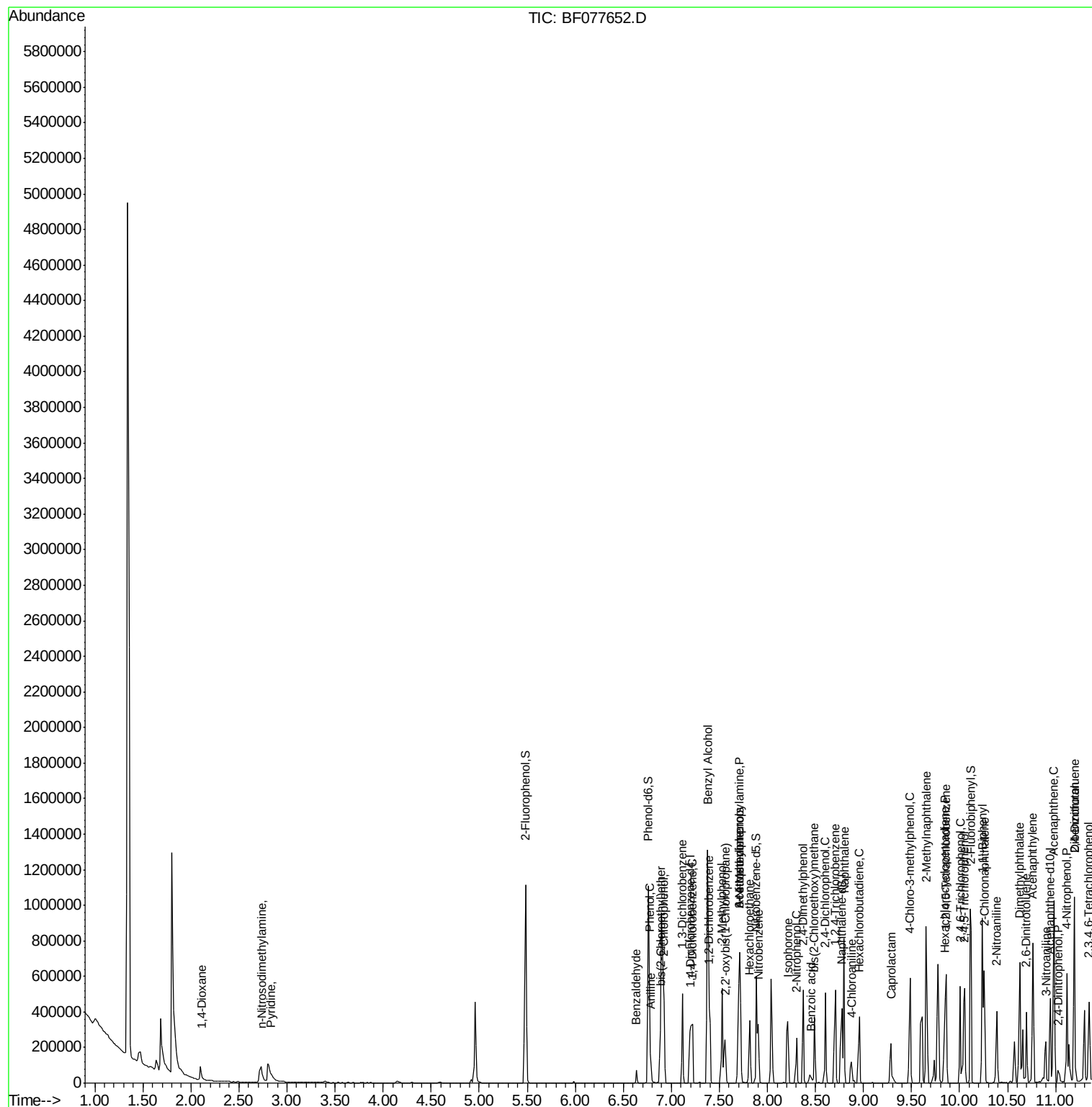
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.01	196	74784	34.24	nq	99
43) 2,4,5-Trichlorophenol	10.05	196	80636	34.53	nq	# 94
45) 1,1'-Biphenyl	10.24	154	282118	32.40	nq	98
46) 2-Chloronaphthalene	10.26	162	223736	32.76	nq	94
47) 2-Nitroaniline	10.39	65	62068	36.92	nq	86
48) Acenaphthylene	10.77	152	360489	33.34	nq	99
49) Dimethylphthalate	10.63	163	276263	34.19	nq	98
50) 2,6-Dinitrotoluene	10.70	165	54526	33.65	nq	# 60
51) Acenaphthene	10.98	154	222151	34.43	nq	99
52) 3-Nitroaniline	10.90	138	51253	27.44	nq	82
53) 2,4-Dinitrophenol	11.03	184	10058	20.40	nq	94
54) Dibenzofuran	11.20	168	330985	33.23	nq	98
55) 4-Nitrophenol	11.12	139	102432	68.17	nq	# 74
56) 2,4-Dinitrotoluene	11.19	165	73772	33.70	nq	# 89
57) Fluorene	11.62	166	278973	35.03	nq	98
58) 2,3,4,6-Tetrachlorophenol	11.35	232	65292	34.78	nq	99
59) Diethylphthalate	11.50	149	250831	31.49	nq	97
60) 4-Chlorophenyl-phenylether	11.63	204	118154	30.79	nq	95
61) 4-Nitroaniline	11.65	138	58075	32.44	nq	98
62) Azobenzene	11.83	77	247209	32.71	nq	98
64) 4,6-Dinitro-2-methylphenol	11.69	198	15128	19.22	nq	# 51
65) n-Nitrosodiphenylamine	11.78	169	238902	31.91	nq	99
66) 4-Bromophenyl-phenylether	12.24	248	75361	28.52	nq	97
67) Hexachlorobenzene	12.29	284	80237	28.29	nq	# 92
68) Atrazine	12.45	200	74283	30.52	nq	95
69) Pentachlorophenol	12.55	266	89177	59.83	nq	99
70) Phenanthrene	12.81	178	497993	38.08	nq	99
71) Anthracene	12.87	178	441897	34.05	nq	99
72) Carbazole	13.08	167	406127	32.91	nq	99
73) Di-n-butylphthalate	13.53	149	401572	27.72	nq	99
74) Fluoranthene	14.28	202	536483	37.56	nq	98
76) Benzidine	14.47	184	199841	24.36	nq	98
77) Pyrene	14.56	202	595019	40.07	nq	99
79) Butylbenzylphthalate	15.39	149	182364	29.85	nq	# 85
80) Benzo(a)anthracene	16.06	228	463984	32.61	nq	98
81) 3,3'-Dichlorobenzidine	16.04	252	99522	19.09	nq	# 97
82) Chrysene	16.10	228	450097	33.69	nq	98
83) Bis(2-ethylhexyl)phthalate	16.12	149	252468	25.77	nq	98
84) Di-n-octyl phthalate	16.92	149	436973	26.71	nq	100
85) Indeno(1,2,3-cd)pyrene	19.23	276	485405	31.86	nq	98
87) Benzo(b)fluoranthene	17.36	252	482865	34.44	nq	# 98
88) Benzo(k)fluoranthene	17.39	252	388627m	28.28	nq	
89) Benzo(a)pyrene	17.75	252	439959	32.95	nq	# 97
90) Dibenzo(a,h)anthracene	19.25	278	392316	30.80	nq	97
91) Benzo(g,h,i)perylene	19.64	276	421099	32.76	nq	98

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

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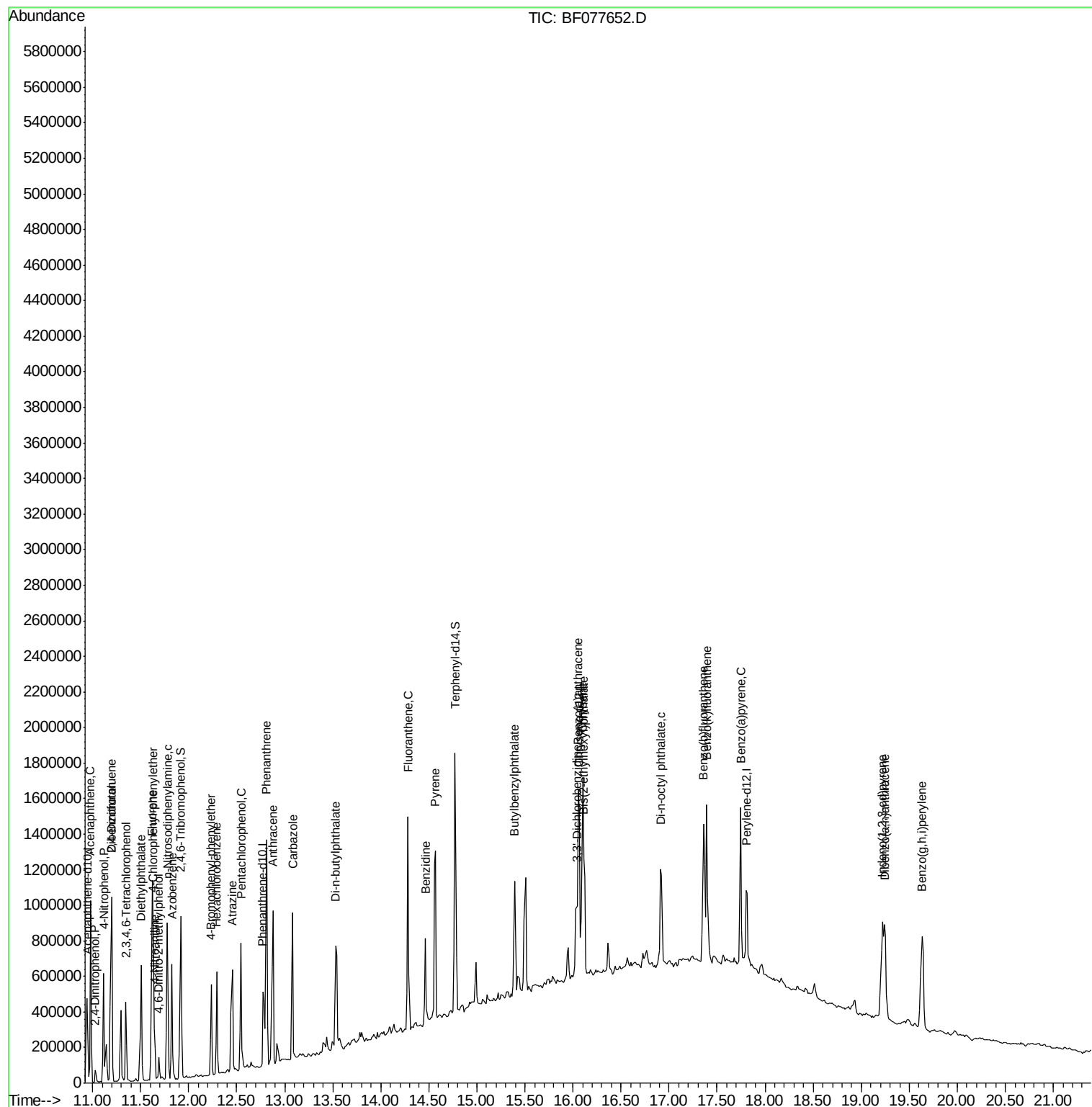
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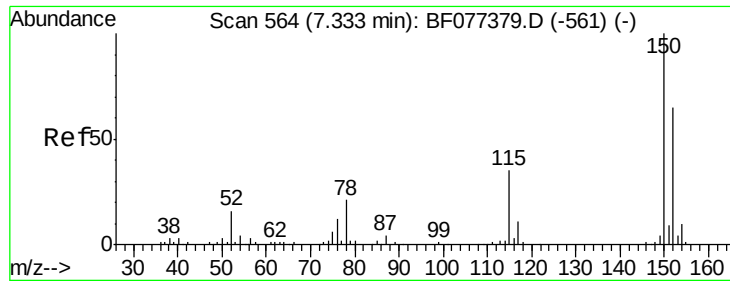


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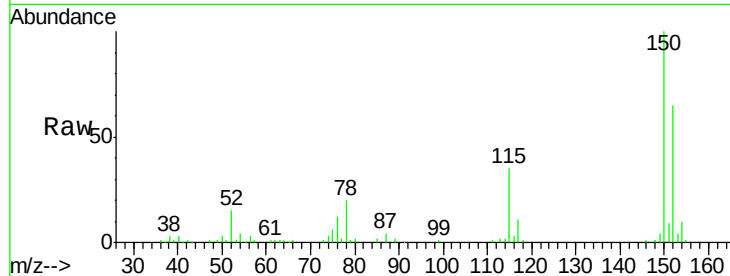


#1

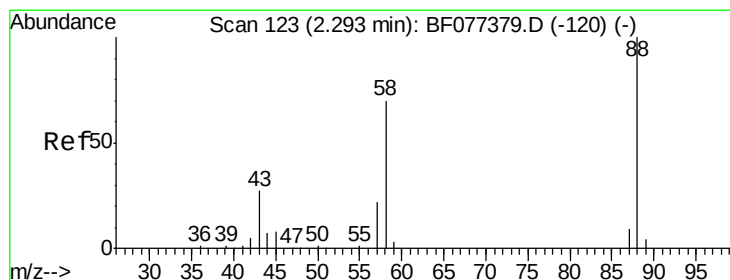
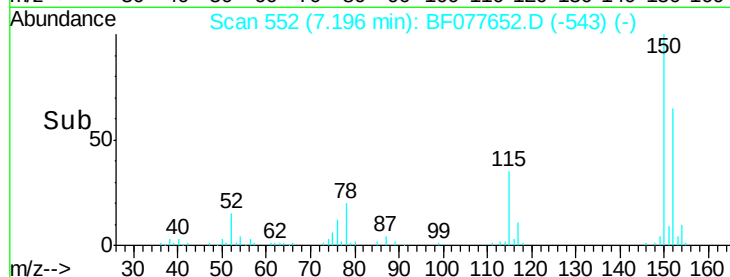
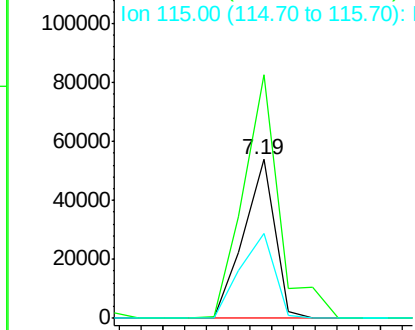
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.19 min Scan# 552
Delta R.T. -0.00 min
Lab File: BF077652.D
Acq: 9 Mar 2015 21:56

Instrument :
BNA_F
ClientSampleId :
SEP4MSD

Tot Ion:152 Resp: 53664
Ion Ratio Lower Upper
152 100
150 153.6 124.0 186.0
115 53.8 49.4 74.2



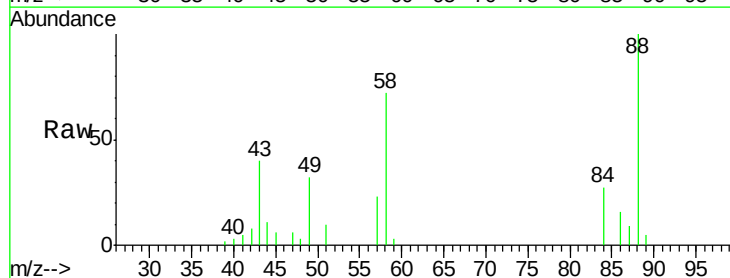
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



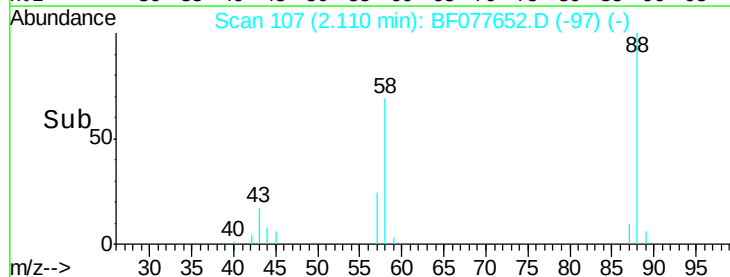
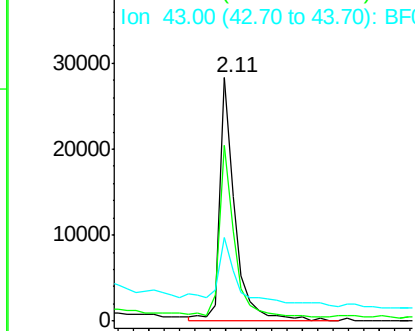
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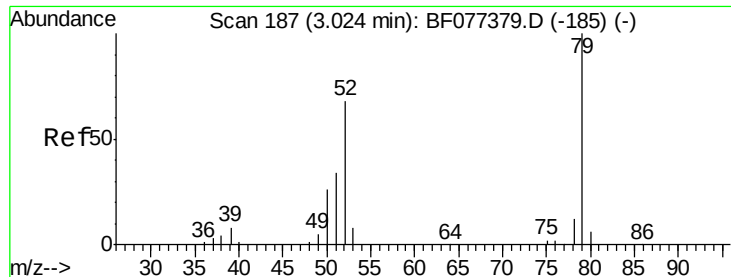
1,4-Dioxane
Concen: 28.82 ng
RT: 2.11 min Scan# 107
Delta R.T. 0.02 min
Lab File: BF077652.D
Acq: 9 Mar 2015 21:56

Tgt Ion: 88 Resp: 39309
Ion Ratio Lower Upper
88 100
58 70.1 62.1 93.1
43 28.8 24.0 36.0



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





#3

Pvridine

Concen: 29.65 ng

RT: 2.84 min Scan# 171

Delta R.T. 0.04 min

Lab File: BF077652.D

Acq: 9 Mar 2015 21:56

Instrument :

BNA_F

ClientSampleId :

SEP4MSD

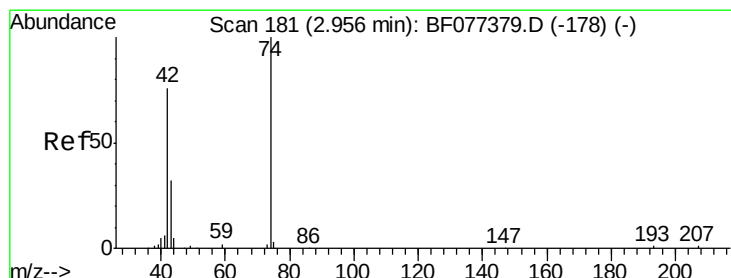
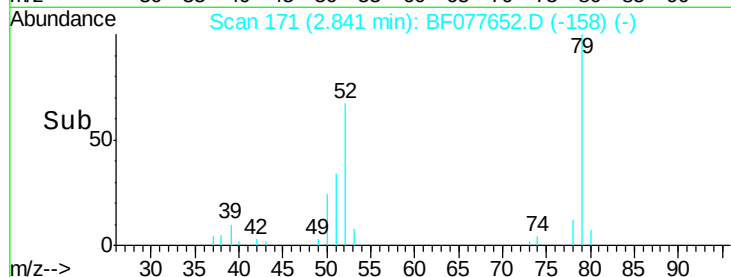
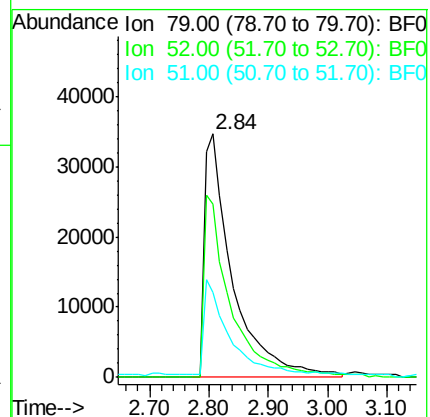
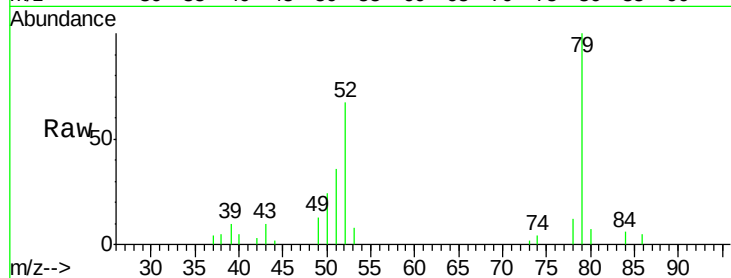
Tot Ion: 79 Resp: 115722

Ion Ratio Lower Upper

79 100

52 66.7 57.7 86.5

51 36.1 28.5 42.7



#4

n-Nitrosodimethylamine

Concen: 33.80 ng

RT: 2.74 min Scan# 162

Delta R.T. 0.02 min

Lab File: BF077652.D

Acq: 9 Mar 2015 21:56

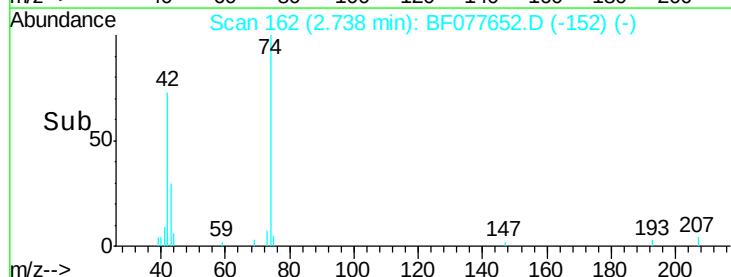
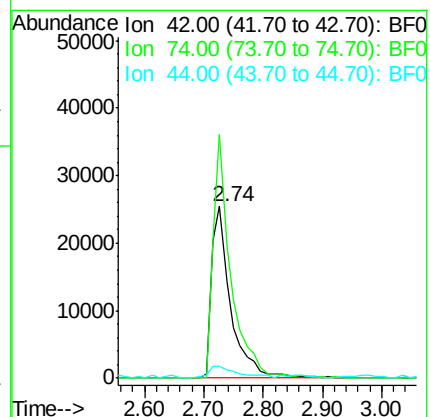
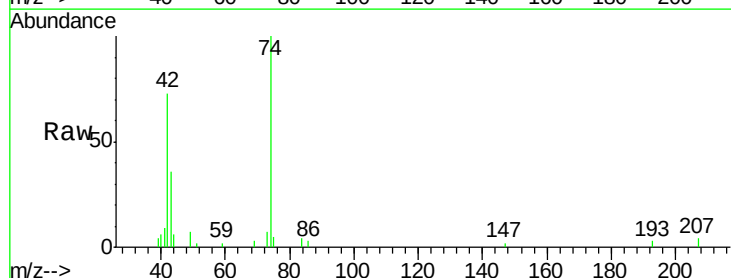
Tgt Ion: 42 Resp: 57354

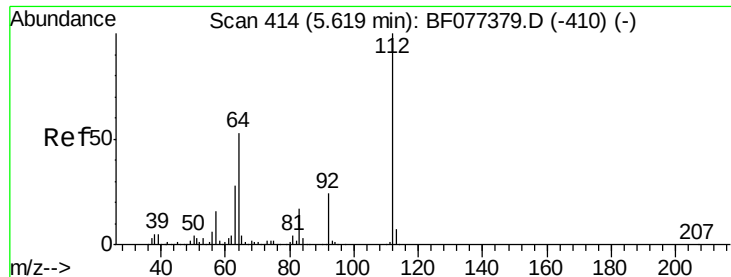
Ion Ratio Lower Upper

42 100

74 136.3 107.1 160.7

44 7.8 6.7 10.1





#5

2-Fluorophenol

Concen: 107.98 ng

RT: 5.48 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF077652.D

Acq: 9 Mar 2015 21:56

Instrument :

BNA_F

ClientSampleId :

SEP4MSD

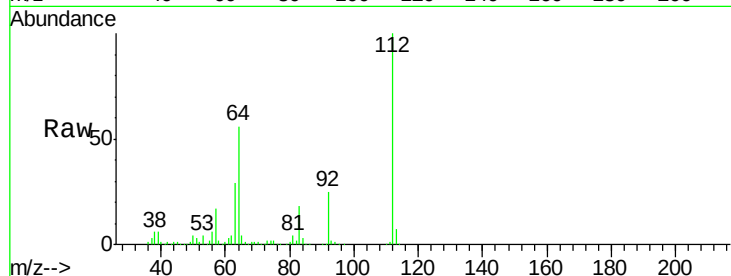
Tot Ion:112 Resp: 347095

Ion Ratio Lower Upper

112 100

64 56.2 48.5 72.7

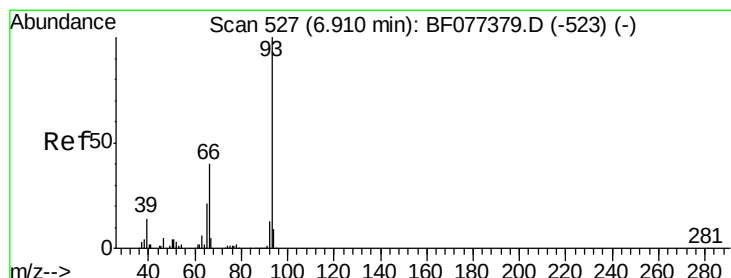
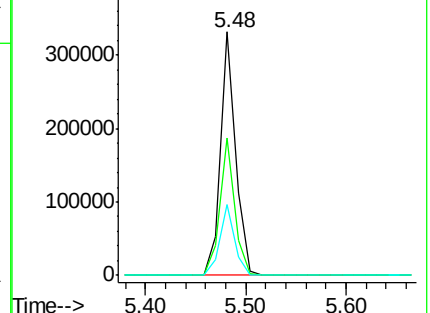
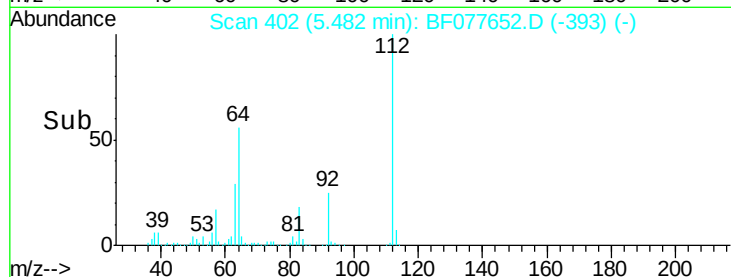
63 29.1 25.0 37.4



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: 8.66 ng

RT: 6.78 min Scan# 516

Delta R.T. 0.00 min

Lab File: BF077652.D

Acq: 9 Mar 2015 21:56

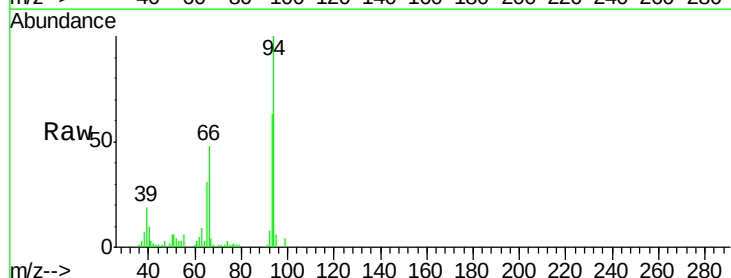
Tgt Ion: 93 Resp: 49441

Ion Ratio Lower Upper

93 100

66 76.0 29.1 43.7#

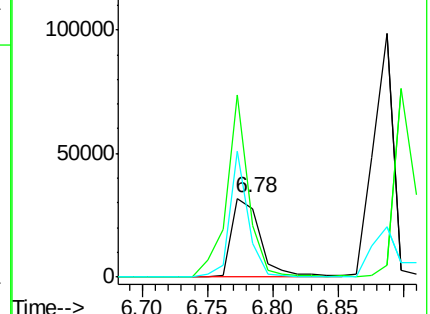
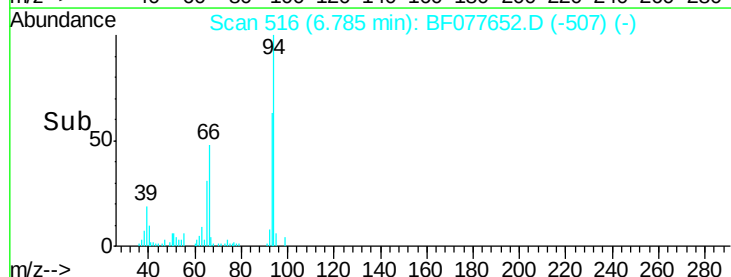
65 48.9 14.6 22.0#

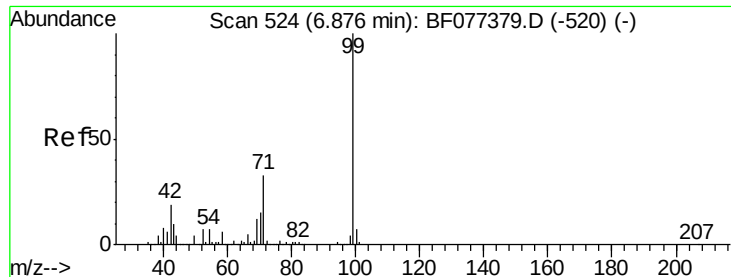


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 99.79 ng

RT: 6.76 min Scan# 514

Delta R.T. 0.00 min

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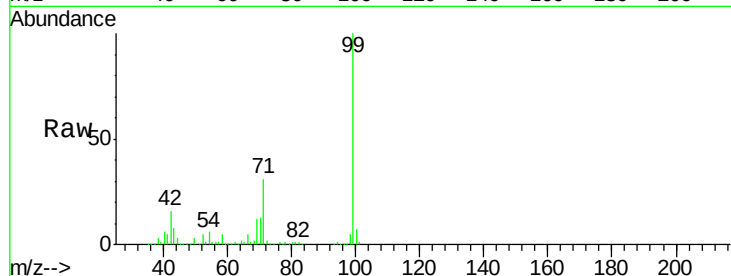
Tot Ion: 99 Resp: 412446

Ion Ratio Lower Upper

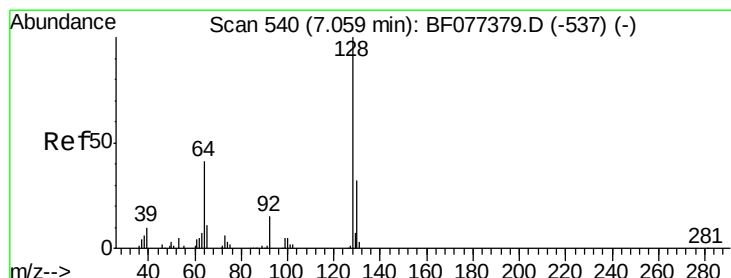
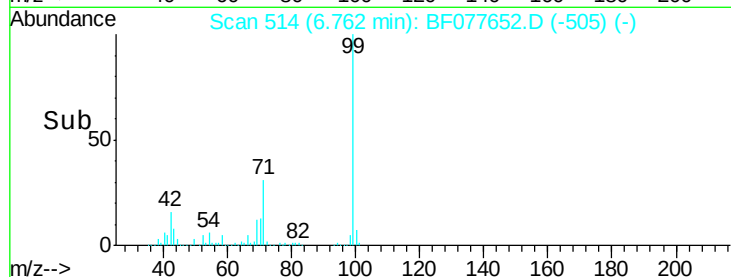
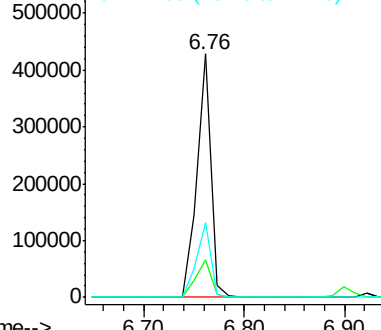
99 100

42 15.5 16.2 24.4#

71 30.8 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: 31.16 ng

RT: 6.92 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF077652.D

Acq: 9 Mar 2015 21:56

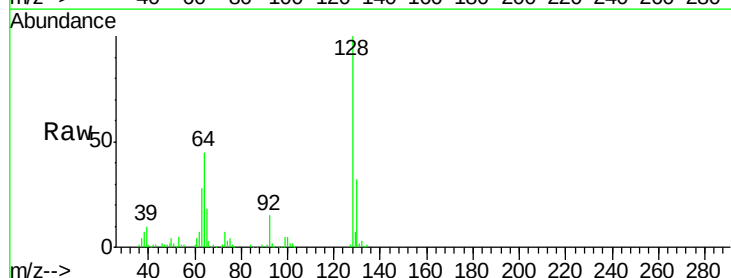
Tgt Ion: 128 Resp: 118162

Ion Ratio Lower Upper

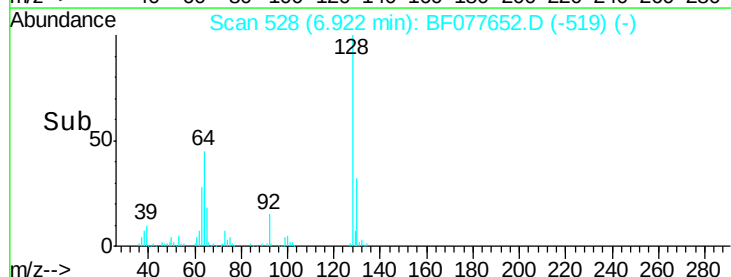
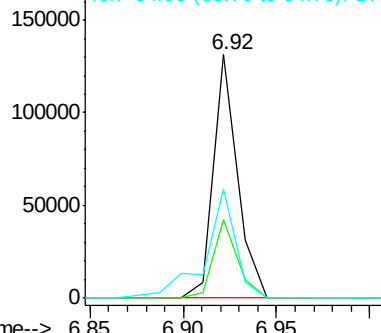
128 100

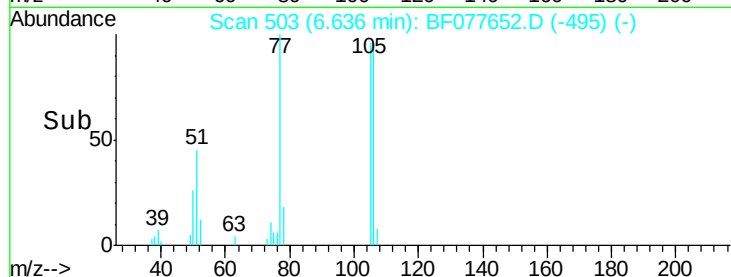
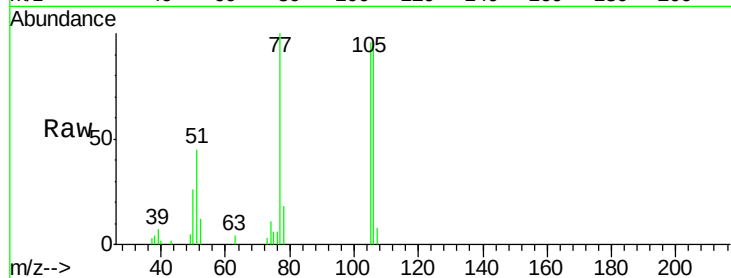
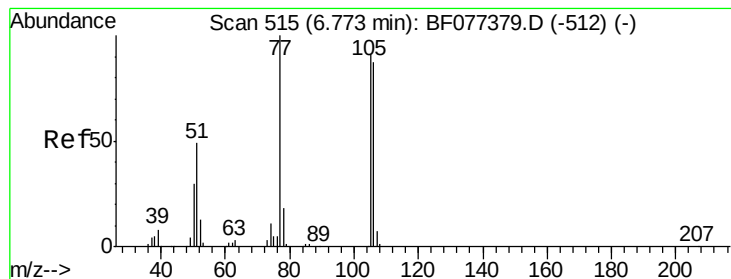
130 32.3 12.0 52.0

64 45.1 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: 6.06 ng

RT: 6.64 min Scan# 503

Delta R.T. -0.00 min

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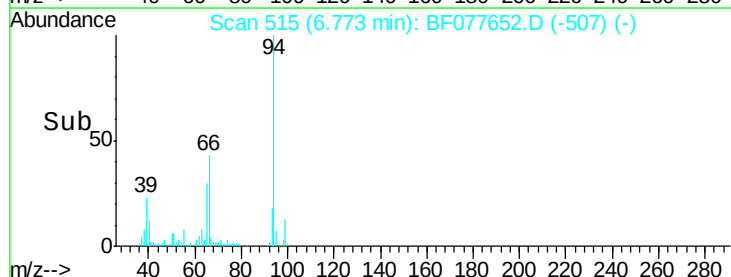
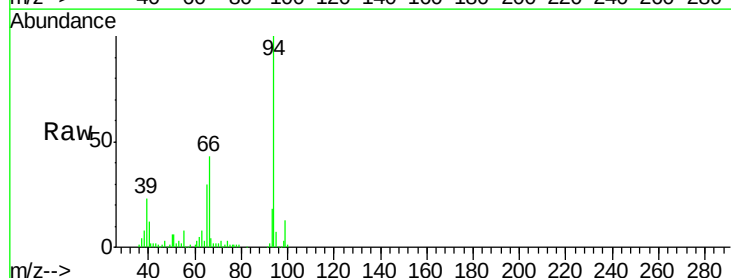
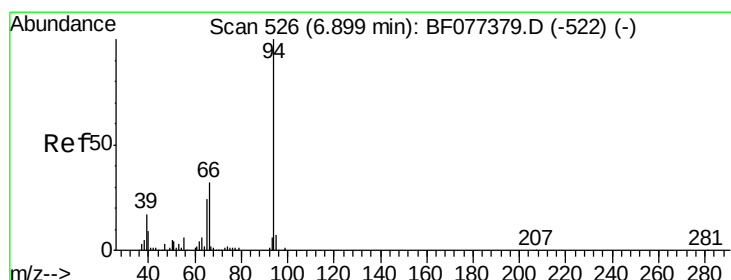
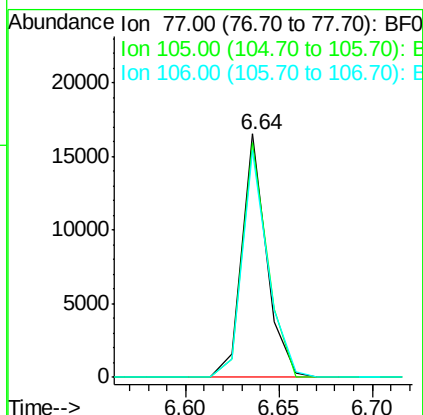
Tot Ion: 77 Resp: 15205

Ion Ratio Lower Upper

77 100

105 96.1 85.9 125.9

106 93.5 82.9 122.9



#10

Phenol

Concen: 31.54 ng

RT: 6.78 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF077652.D

Acq: 9 Mar 2015 21:56

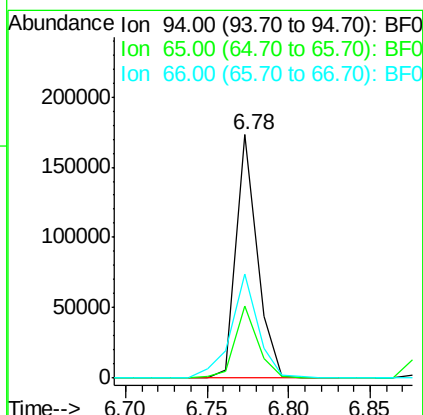
Tgt Ion: 94 Resp: 154667

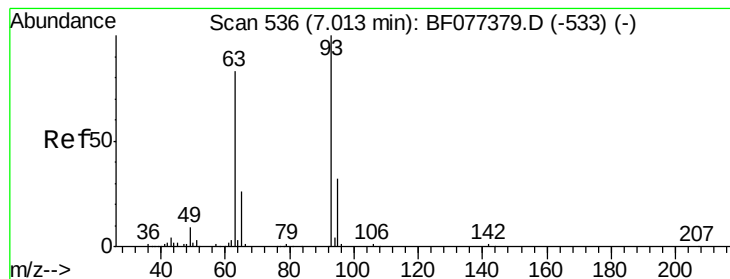
Ion Ratio Lower Upper

94 100

65 29.5 5.7 45.7

66 42.7 13.6 53.6





#11

bis(2-Chloroethyl)ether

Concen: 29.73 ng

RT: 6.88 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF077652.D

Acq: 9 Mar 2015 21:56

Instrument :

BNA_F

ClientSampleId :

SEP4MSD

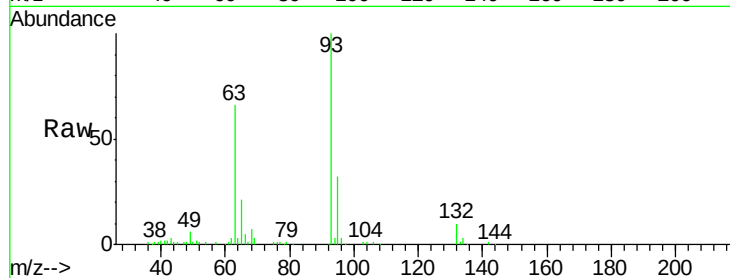
Tot Ion: 93 Resp: 104771

Ion Ratio Lower Upper

93 100

63 66.2 48.7 88.7

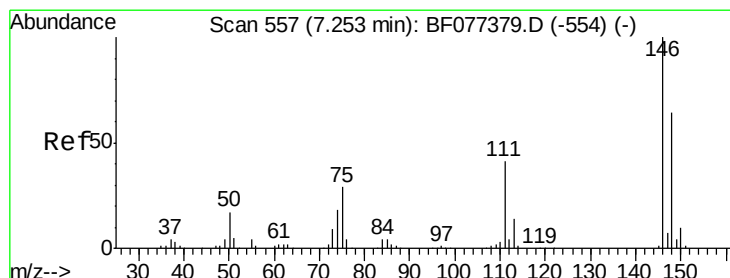
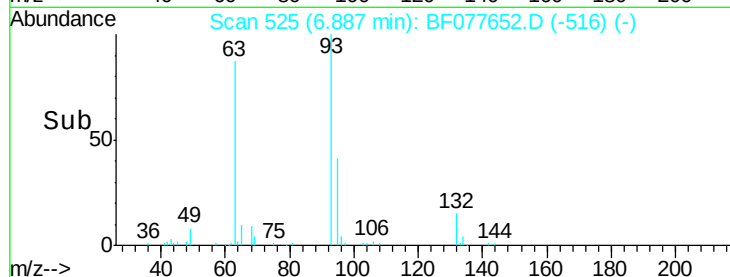
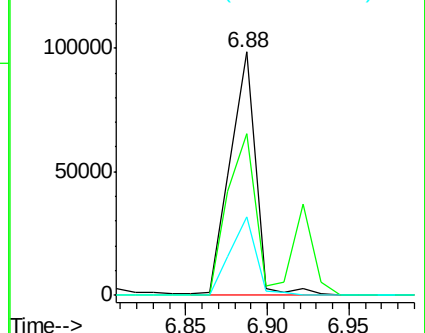
95 32.4 13.6 53.6



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 29.36 ng

RT: 7.12 min Scan# 545

Delta R.T. -0.00 min

Lab File: BF077652.D

Acq: 9 Mar 2015 21:56

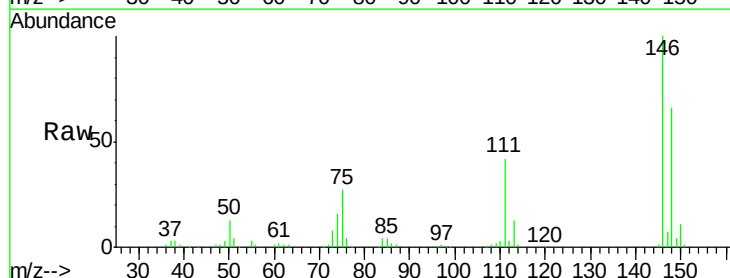
Tgt Ion: 146 Resp: 121222

Ion Ratio Lower Upper

146 100

148 65.8 49.8 74.8

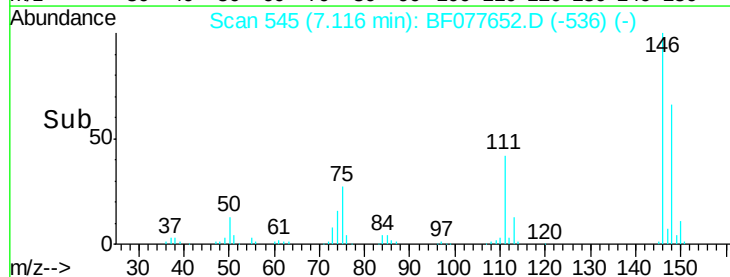
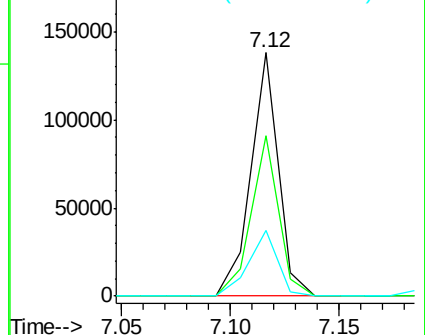
75 26.8 28.2 42.4#

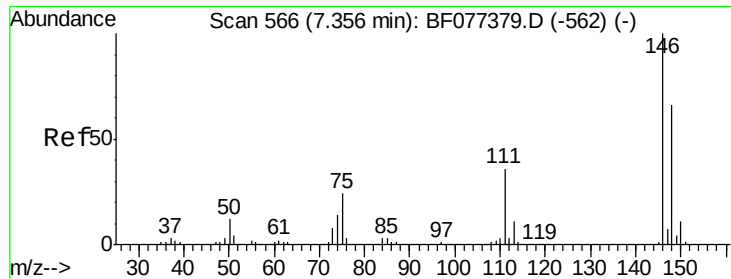


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

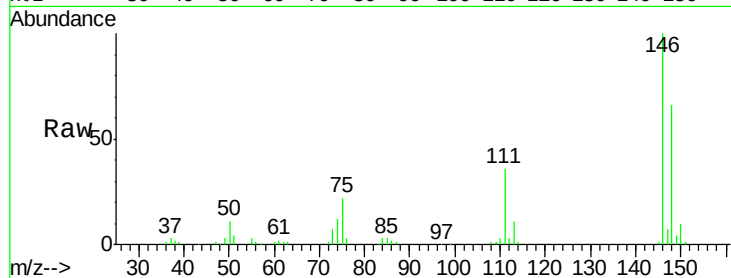




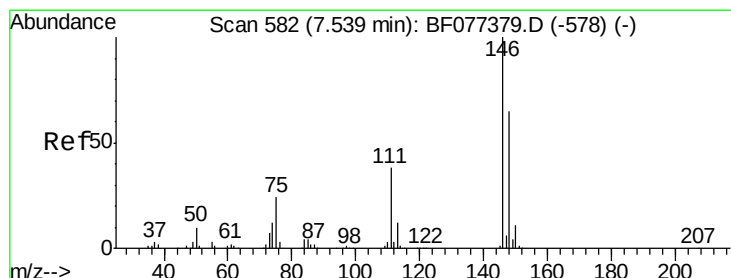
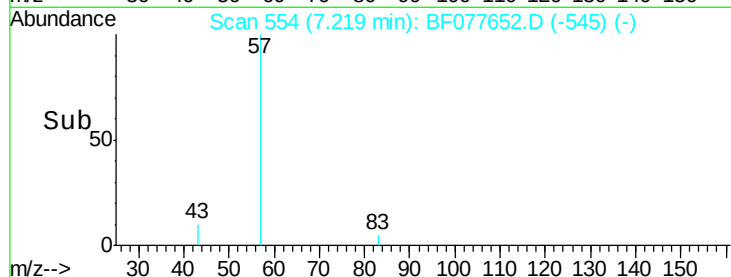
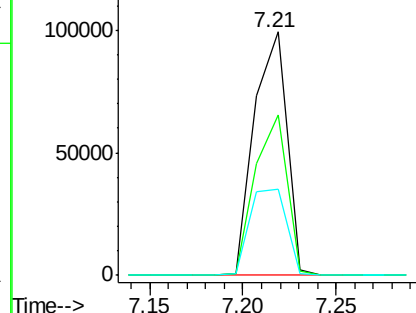
#13
 1,4-Dichlorobenzene
 Concen: 28.64 ng
 RT: 7.21 min Scan# 554
 Delta R.T. -0.00 min
 Lab File: BF077652.D
 Acq: 9 Mar 2015 21:56

Instrument :
 BNA_F
 ClientSampleId :
 SEP4MSD

Tot Ion:146 Resp: 120314
 Ion Ratio Lower Upper
 146 100
 148 65.9 52.0 78.0
 111 35.6 31.9 47.9

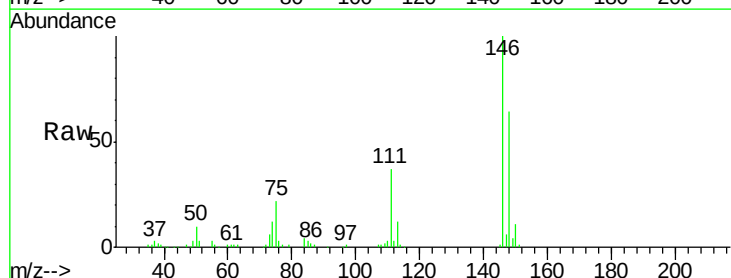


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

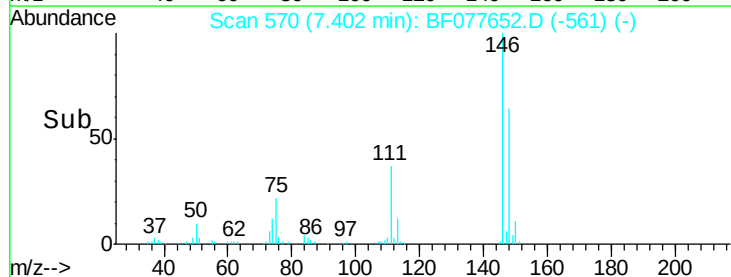
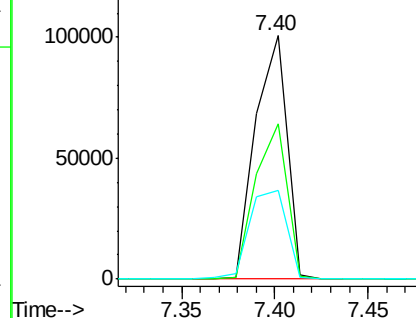


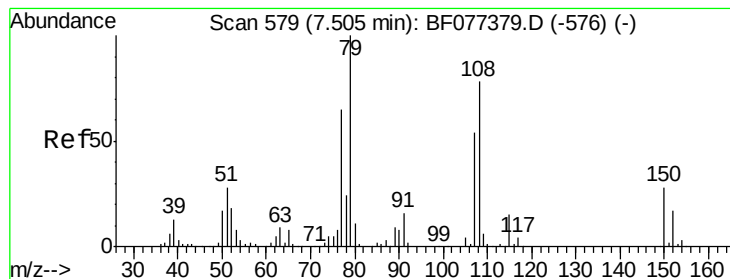
#14
 1,2-Dichlorobenzene
 Concen: 29.49 ng
 RT: 7.40 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: BF077652.D
 Acq: 9 Mar 2015 21:56

Tgt Ion:146 Resp: 117841
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.6 77.4
 111 36.7 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: 30.20 ng

RT: 7.38 min Scan# 568

Delta R.T. -0.00 min

Lab File: BF077652.D

Acq: 9 Mar 2015 21:56

Instrument :

BNA_F

ClientSampleId :

SEP4MSD

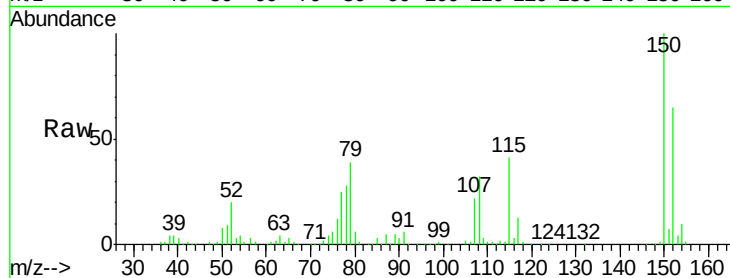
Tot Ion: 79 Resp: 94884

Ion Ratio Lower Upper

79 100

108 81.9 58.3 87.5

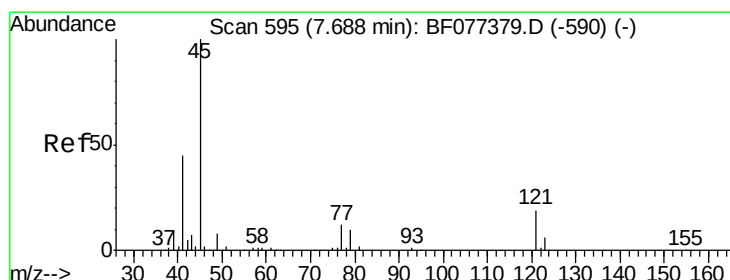
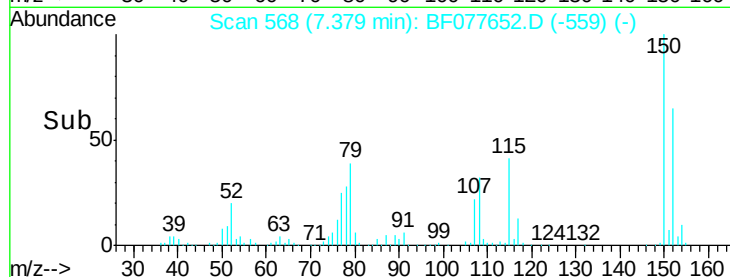
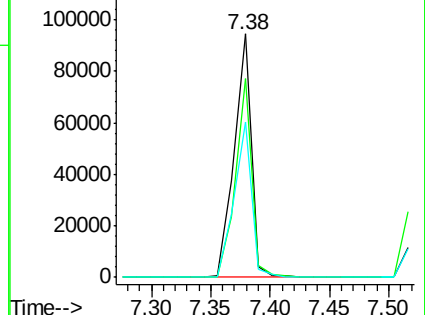
77 63.7 51.3 76.9



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: 26.73 ng

RT: 7.55 min Scan# 583

Delta R.T. -0.00 min

Lab File: BF077652.D

Acq: 9 Mar 2015 21:56

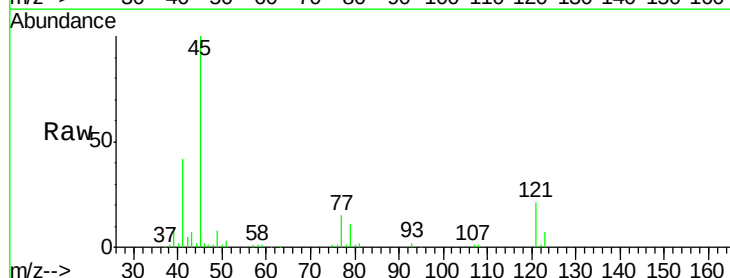
Tgt Ion: 45 Resp: 134644

Ion Ratio Lower Upper

45 100

77 14.5 0.0 34.6

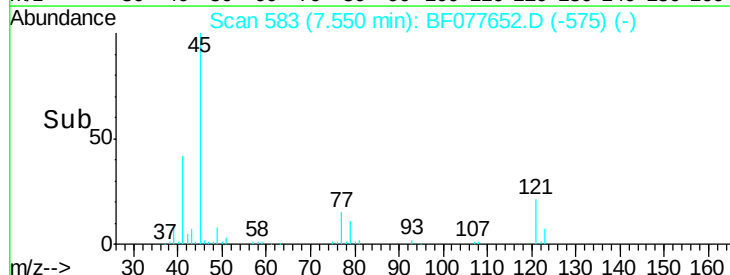
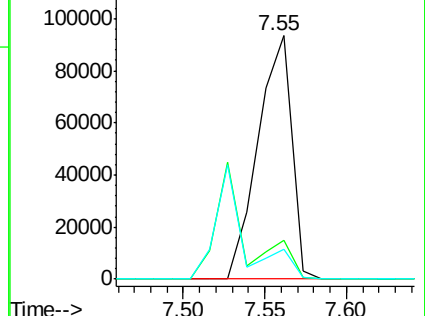
79 10.8 0.0 31.5

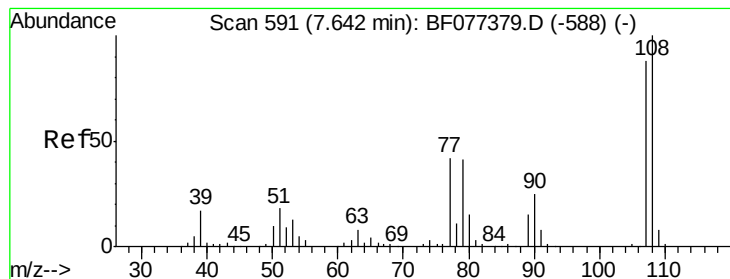


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

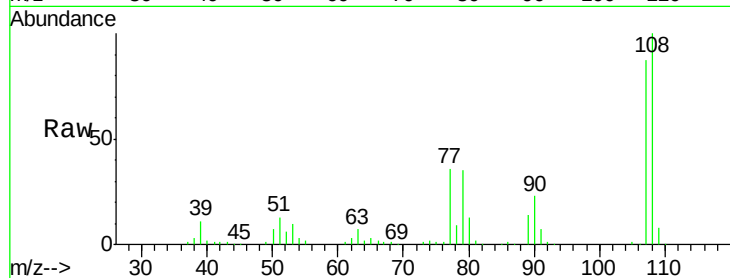




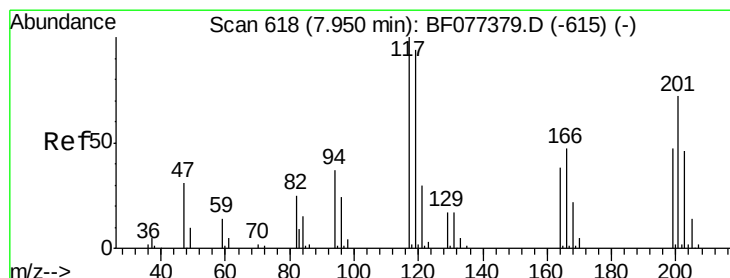
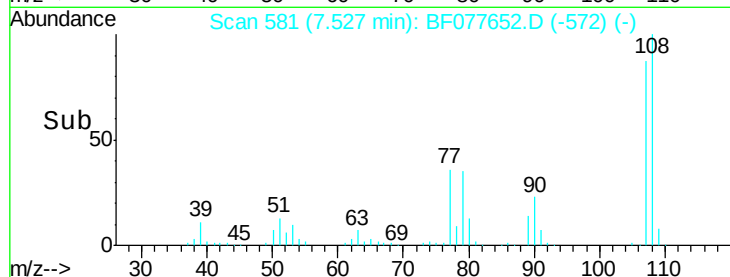
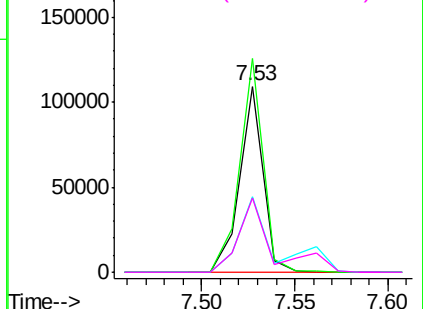
#17
2-Methylphenol
Concen: 32.11 ng
RT: 7.53 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF077652.D
Acq: 9 Mar 2015 21:56

Instrument :
BNA_F
ClientSampleId :
SEP4MSD

Tot Ion:107 Resp: 95161
Ion Ratio Lower Upper
107 100
108 114.9 91.2 136.8
77 40.9 33.6 50.4
79 40.2 32.1 48.1

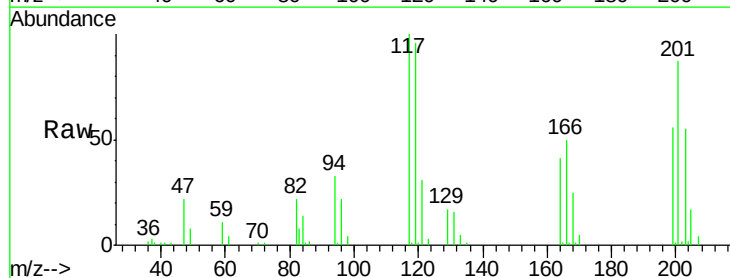


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

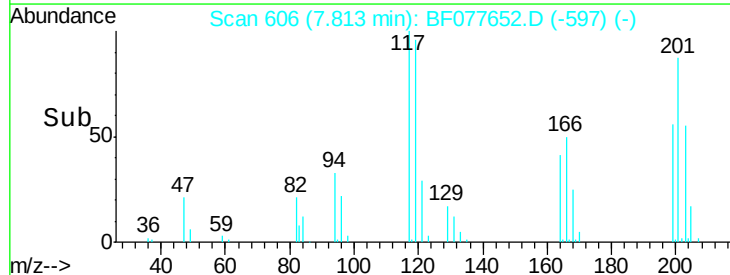
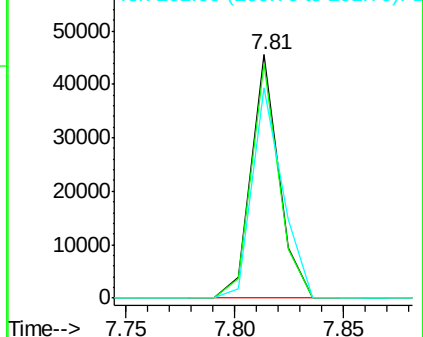


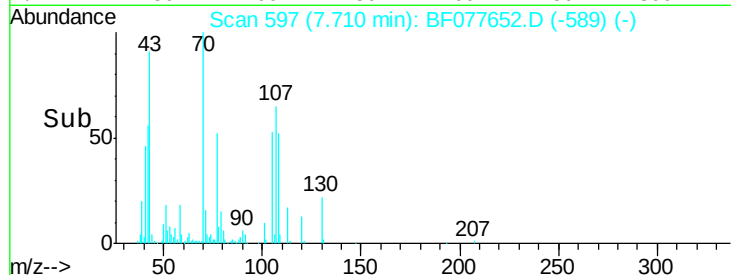
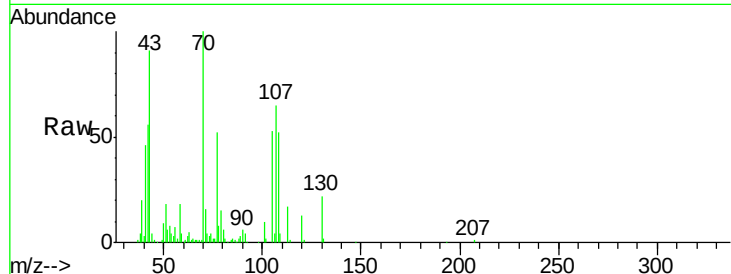
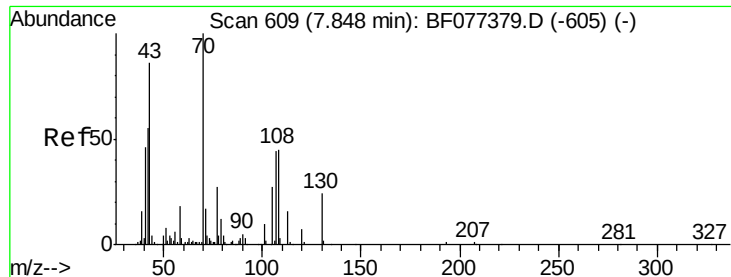
#18
Hexachloroethane
Concen: 28.68 ng
RT: 7.81 min Scan# 606
Delta R.T. -0.00 min
Lab File: BF077652.D
Acq: 9 Mar 2015 21:56

Tgt Ion:117 Resp: 40242
Ion Ratio Lower Upper
117 100
119 96.3 77.8 116.8
201 86.7 90.6 136.0#



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

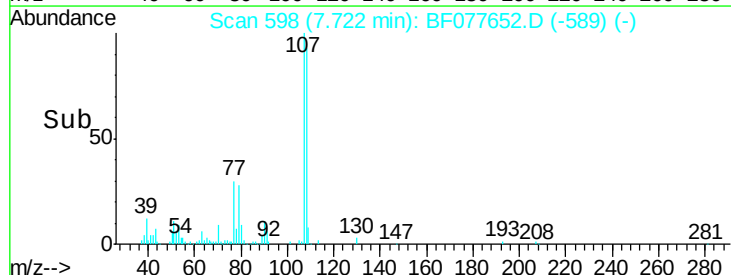
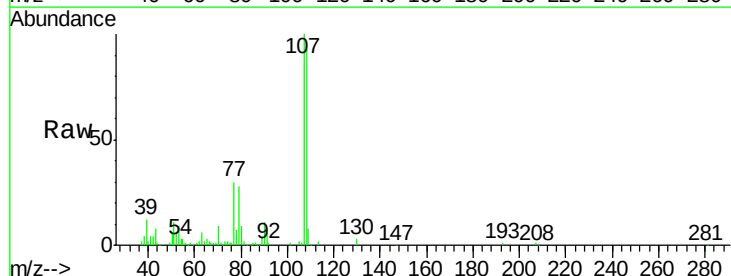
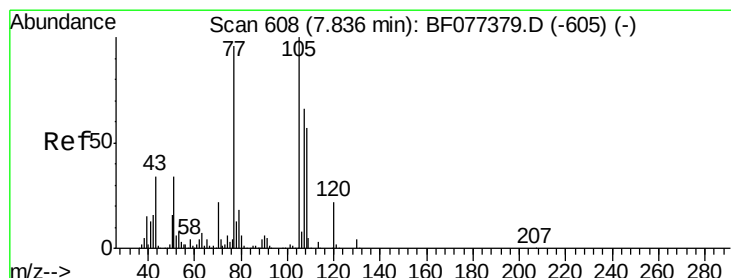
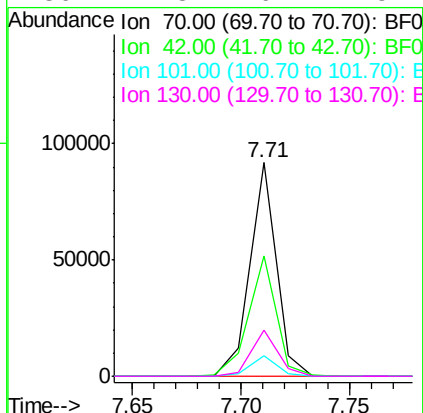




#19
n-Nitroso-di-n-propylamine
Concen: 29.60 ng
RT: 7.71 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF077652.D
Acq: 9 Mar 2015 21:56

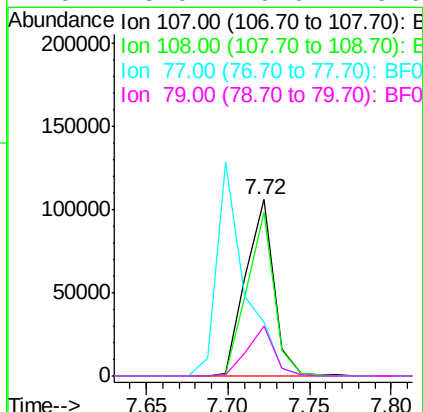
Instrument :
BNA_F
ClientSampleId :
SEP4MSD

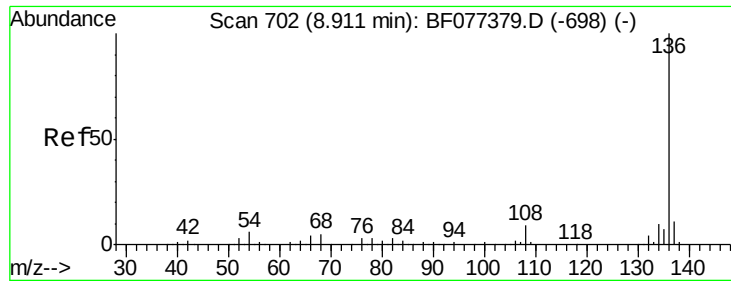
Tot Ion:	70	Resp:	77688
Ion	Ratio	Lower	Upper
70	100		
42	56.1	48.3	72.5
101	9.7	7.5	11.3
130	21.8	16.7	25.1



#20
3+4-Methylphenols
Concen: 32.67 ng
RT: 7.72 min Scan# 598
Delta R.T. 0.00 min
Lab File: BF077652.D
Acq: 9 Mar 2015 21:56

Tgt Ion:	107	Resp:	127539
Ion	Ratio	Lower	Upper
107	100		
108	92.6	76.8	116.8
77	30.4	65.8	105.8#
79	28.0	9.6	49.6

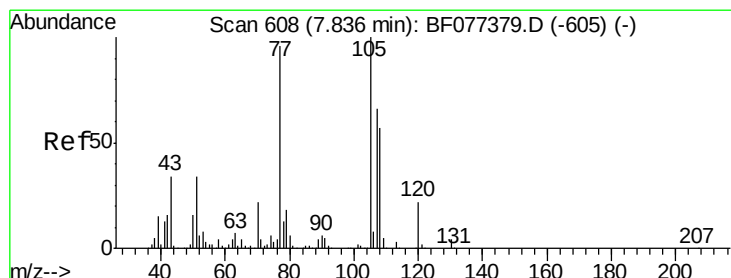
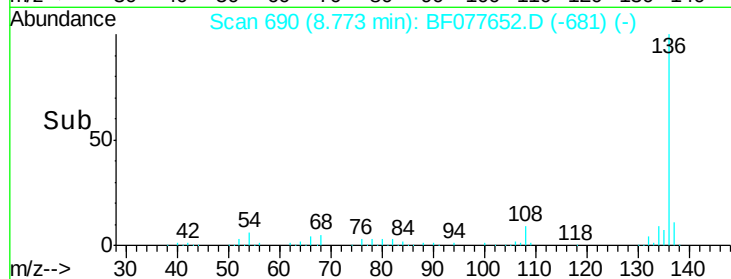
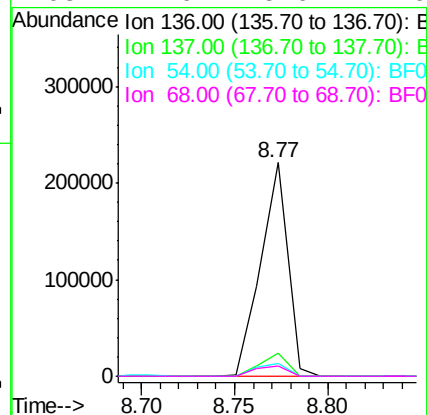
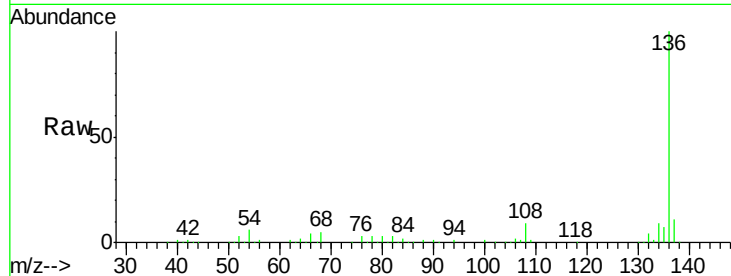




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.77 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF077652.D
Acq: 9 Mar 2015 21:56

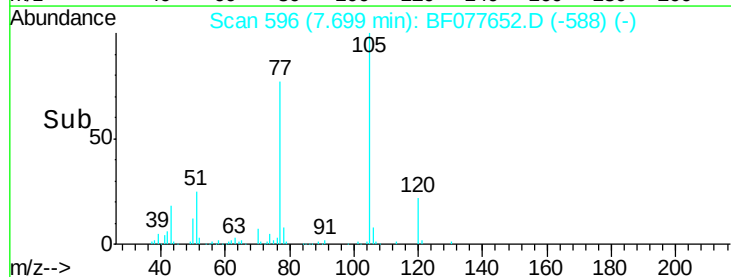
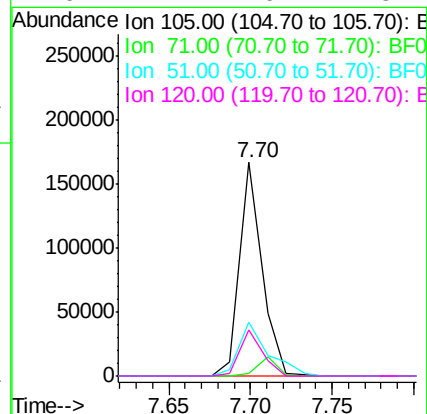
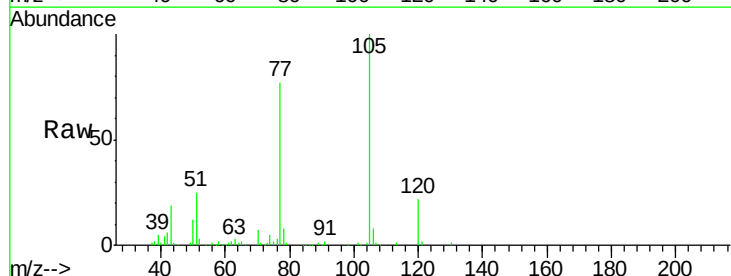
Instrument :
BNA_F
ClientSampleId :
SEP4MSD

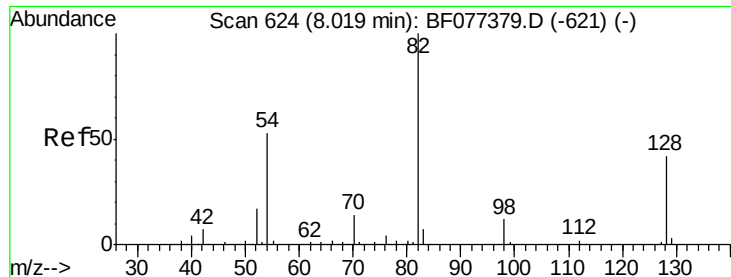
Tot Ion:136	Resp:	220907
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.6 13.0
54	5.7	6.2 9.4#
68	4.6	5.0 7.6#



#22
Acetophenone
Concen: 30.26 ng
RT: 7.70 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF077652.D
Acq: 9 Mar 2015 21:56

Tgt Ion:105	Resp:	157241
Ion Ratio	Lower	Upper
105	100	
71	1.4	1.7 2.5#
51	25.0	30.7 46.1#
120	21.7	16.7 25.1

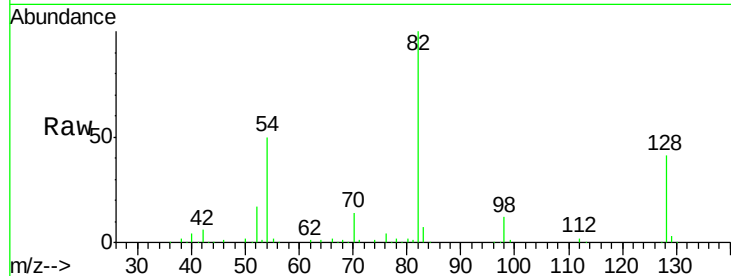




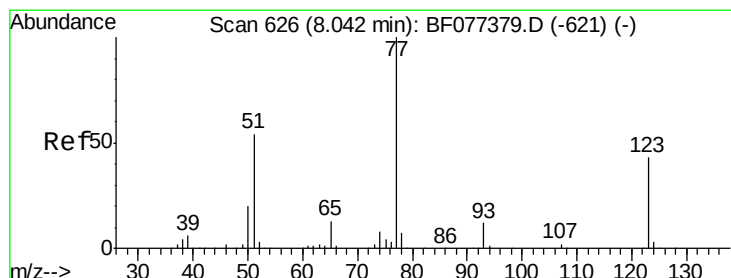
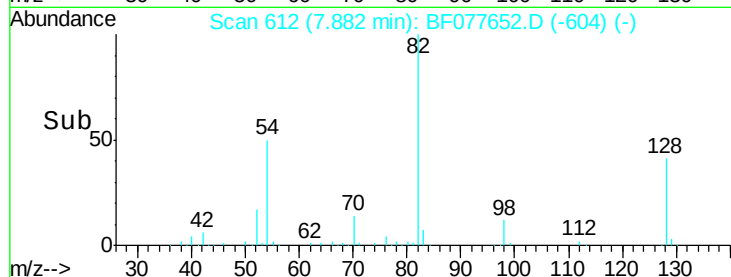
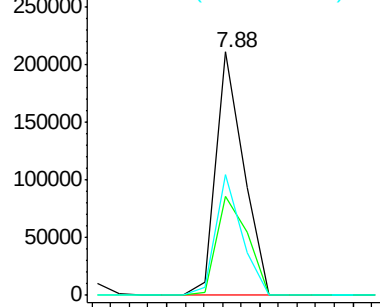
#23
 Nitrobenzene-d5
 Concen: 61.22 ng
 RT: 7.88 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF077652.D
 Acq: 9 Mar 2015 21:56

Instrument :
 BNA_F
 ClientSampleId :
 SEP4MSD

Tot Ion: 82 Resp: 217466
 Ion Ratio Lower Upper
 82 100
 128 40.7 43.8 65.8#
 54 49.8 36.7 55.1

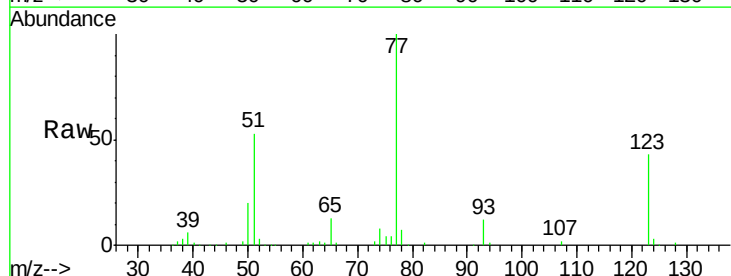


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

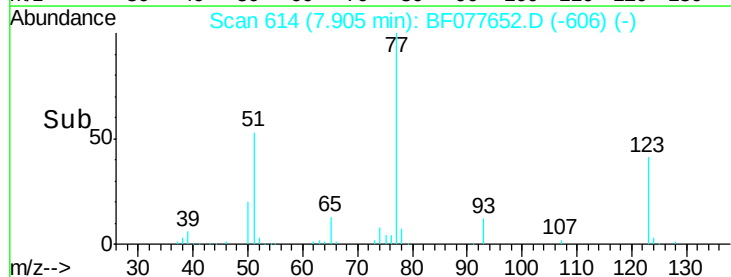
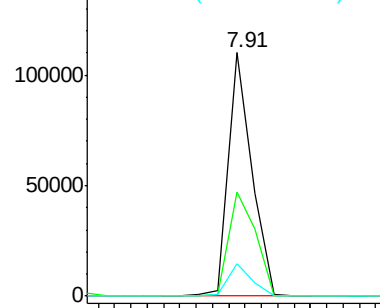


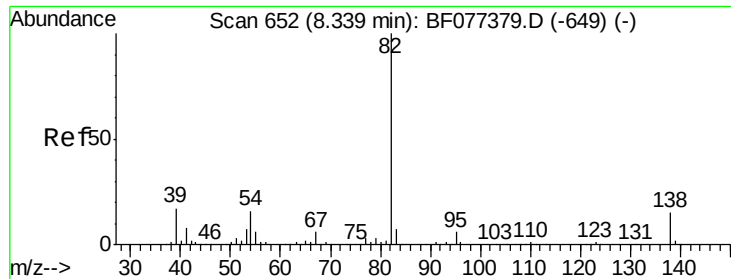
#24
 Nitrobenzene
 Concen: 29.61 ng
 RT: 7.91 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF077652.D
 Acq: 9 Mar 2015 21:56

Tgt Ion: 77 Resp: 110680
 Ion Ratio Lower Upper
 77 100
 123 42.6 45.9 68.9#
 65 13.4 9.5 14.3



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





#25

Isophorone

Concen: 29.01 ng

RT: 8.21 min Scan# 641

Delta R.T. -0.00 min

Lab File: BF077652.D

Acq: 9 Mar 2015 21:56

Instrument :

BNA_F

ClientSampleId :

SEP4MSD

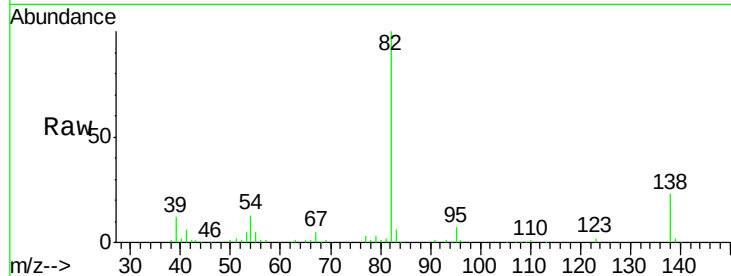
Tot Ion: 82 Resp: 204453

Ion Ratio Lower Upper

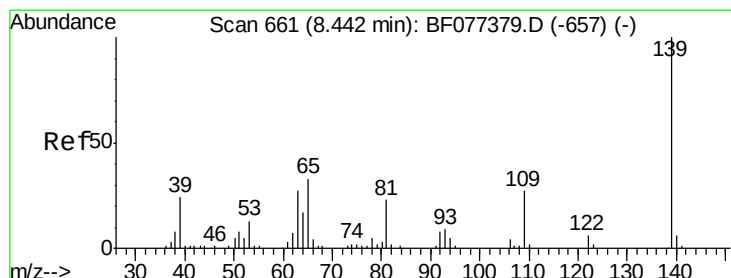
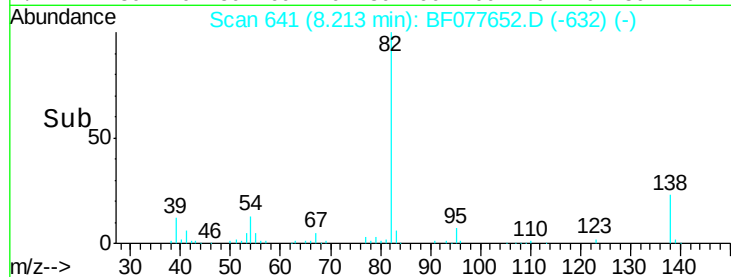
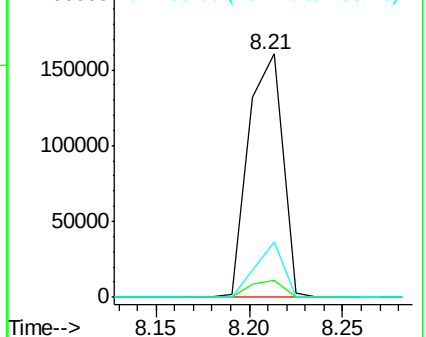
82 100

95 7.2 5.4 8.2

138 22.9 16.3 24.5



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



#26

2-Nitrophenol

Concen: 36.27 ng

RT: 8.30 min Scan# 649

Delta R.T. -0.00 min

Lab File: BF077652.D

Acq: 9 Mar 2015 21:56

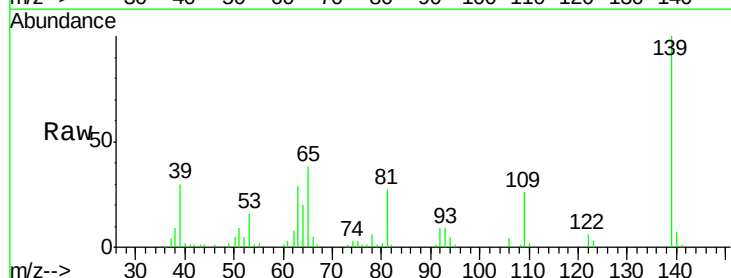
Tgt Ion: 139 Resp: 55553

Ion Ratio Lower Upper

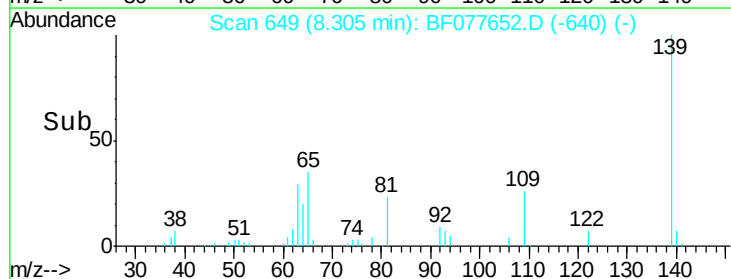
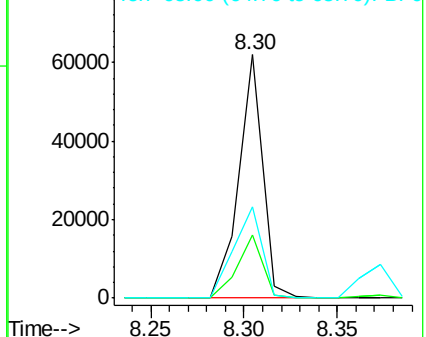
139 100

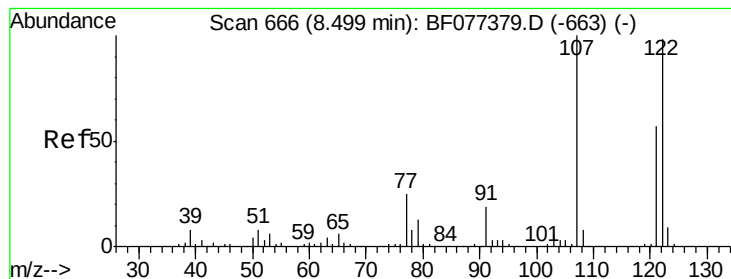
109 25.7 22.6 34.0

65 37.6 36.4 54.6



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





#27

2,4-Dimethylphenol

Concen: 31.31 ng

RT: 8.37 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF077652.D

Acq: 9 Mar 2015 21:56

Instrument :

BNA_F

ClientSampleId :

SEP4MSD

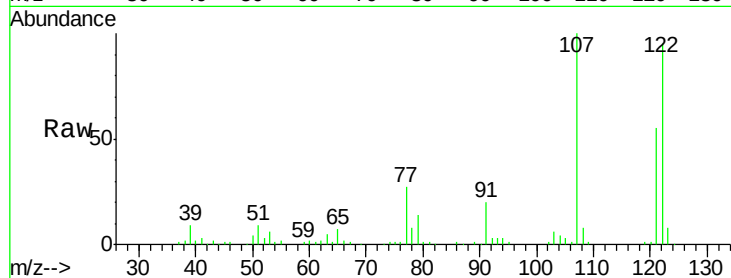
Tot Ion:122 Resp: 107316

Ion Ratio Lower Upper

122 100

107 105.0 86.6 130.0

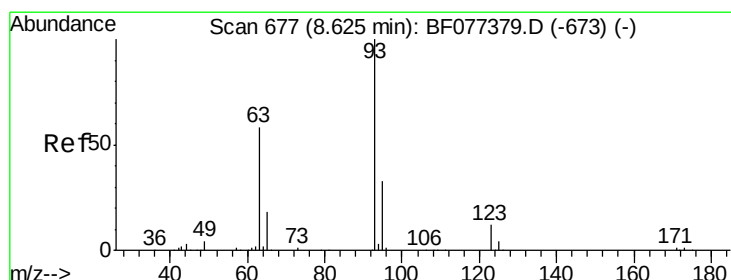
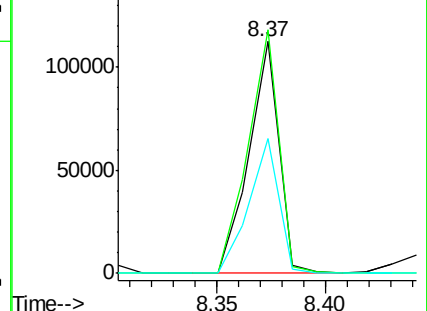
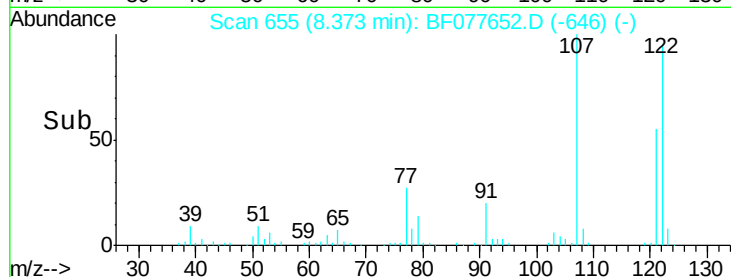
121 58.2 47.4 71.0



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: 29.12 ng

RT: 8.49 min Scan# 665

Delta R.T. -0.00 min

Lab File: BF077652.D

Acq: 9 Mar 2015 21:56

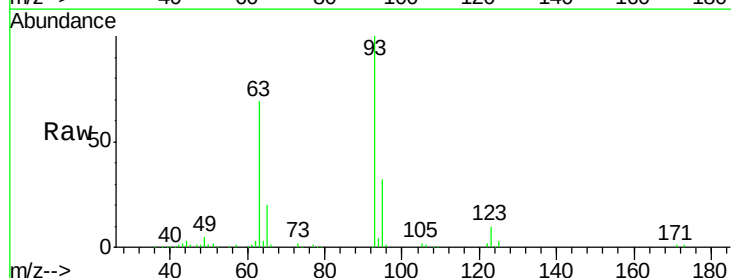
Tgt Ion: 93 Resp: 129639

Ion Ratio Lower Upper

93 100

95 31.9 26.4 39.6

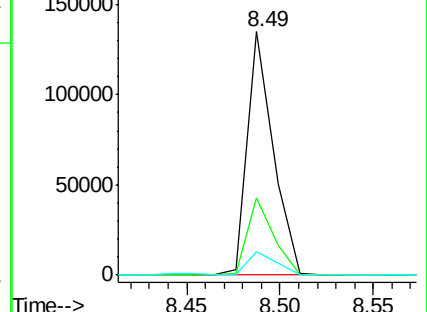
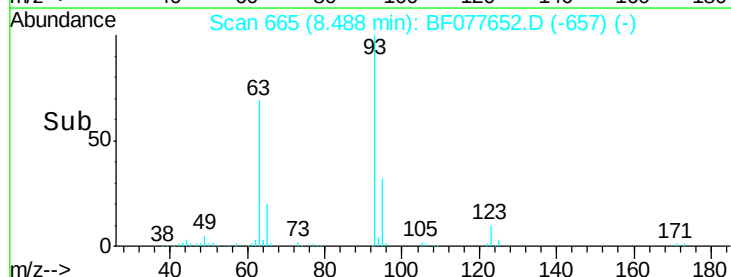
123 9.7 8.7 13.1

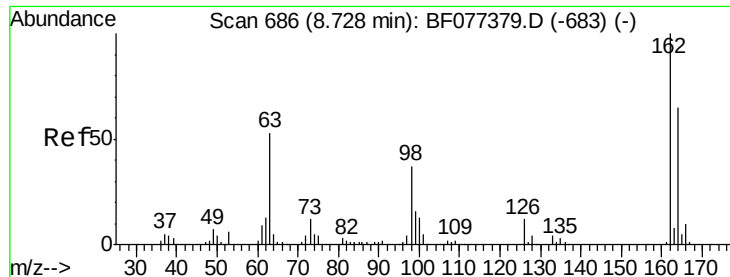


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

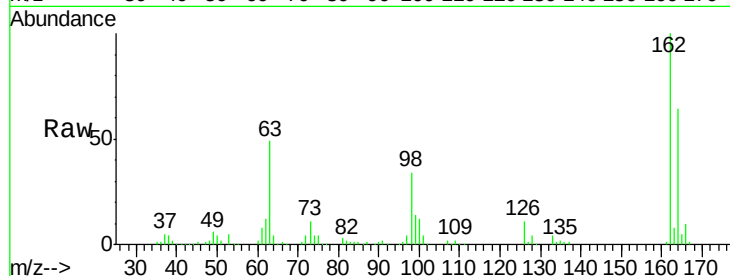




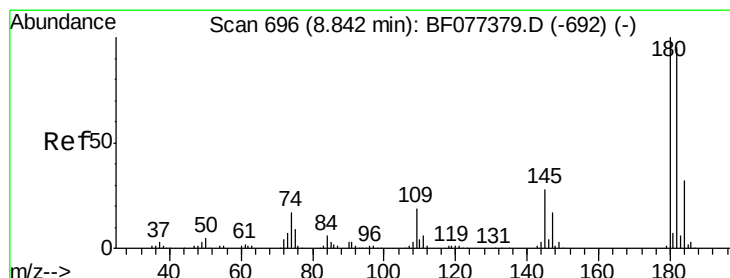
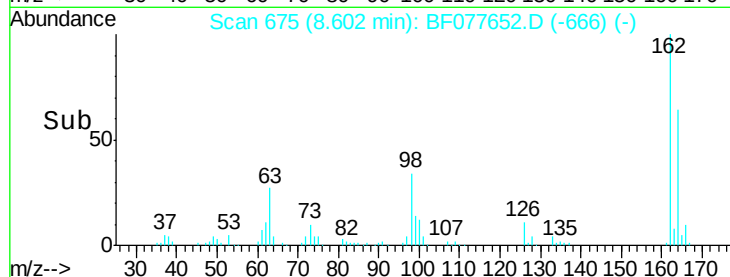
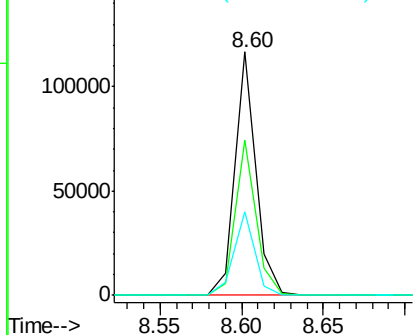
#29
2,4-Dichlorophenol
Concen: 31.87 ng
RT: 8.60 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF077652.D
Acq: 9 Mar 2015 21:56

Instrument :
BNA_F
ClientSampleId :
SEP4MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	46.4	86.4
98	34.1	6.9	46.9

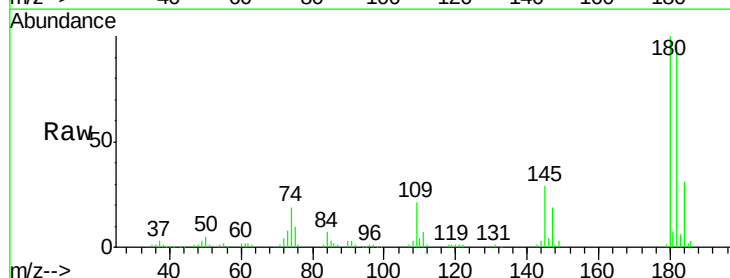


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

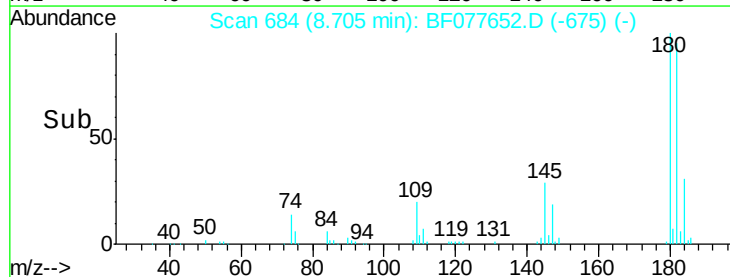
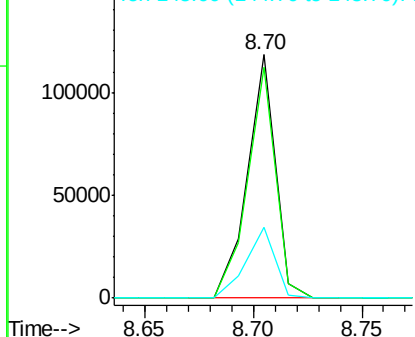


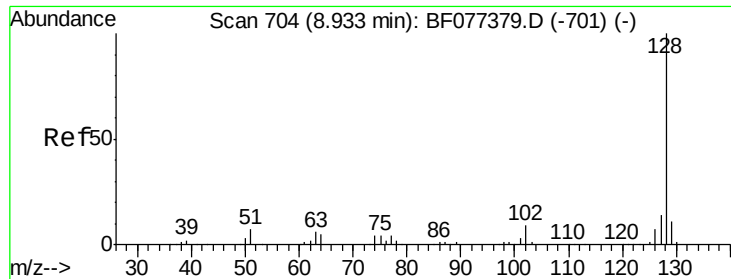
#30
1,2,4-Trichlorobenzene
Concen: 29.88 ng
RT: 8.70 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF077652.D
Acq: 9 Mar 2015 21:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.2	114.4
145	29.2	24.5	36.7



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

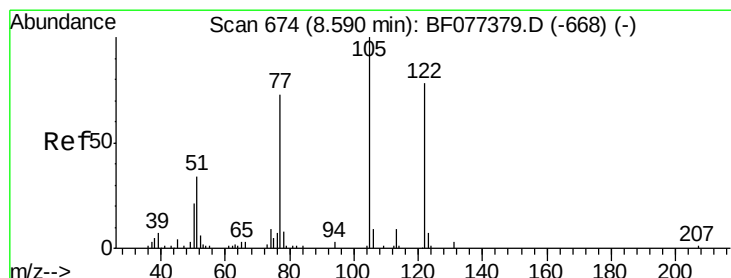
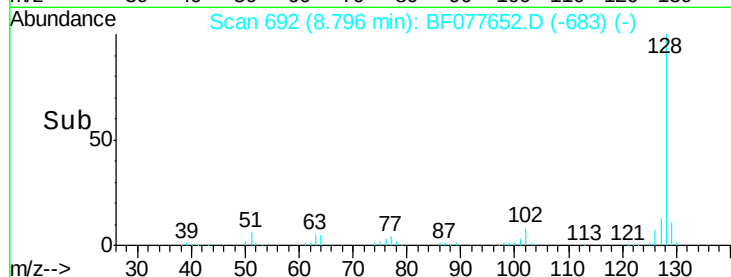
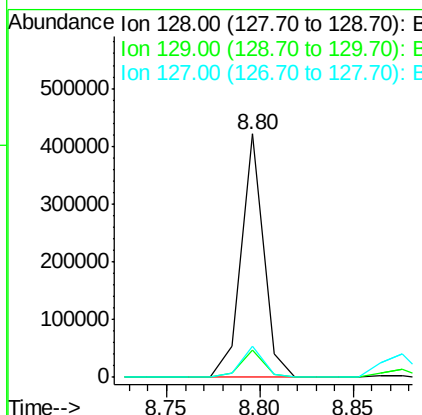
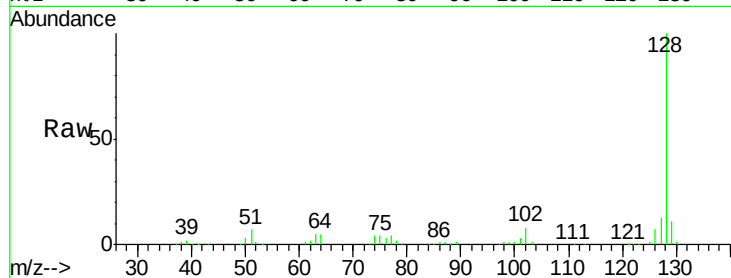




#31
Naphthalene
Concen: 32.11 ng
RT: 8.80 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF077652.D
Acq: 9 Mar 2015 21:56

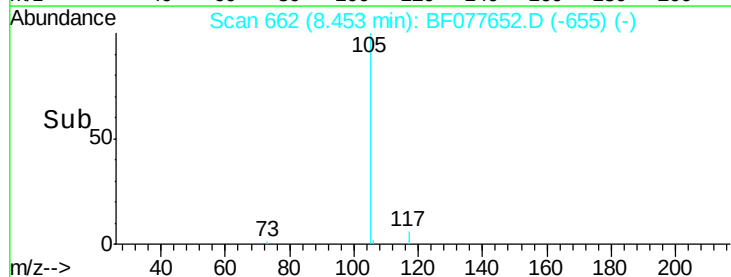
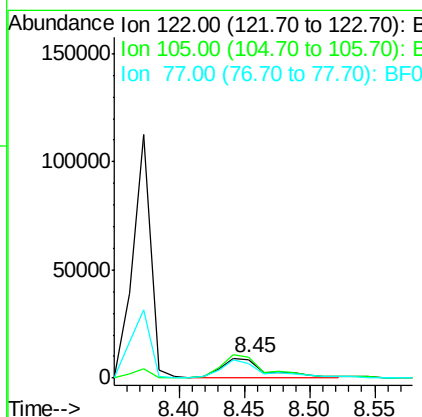
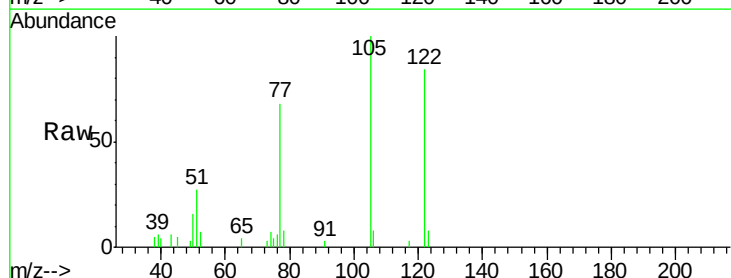
Instrument :
BNA_F
ClientSampled :
SEP4MSD

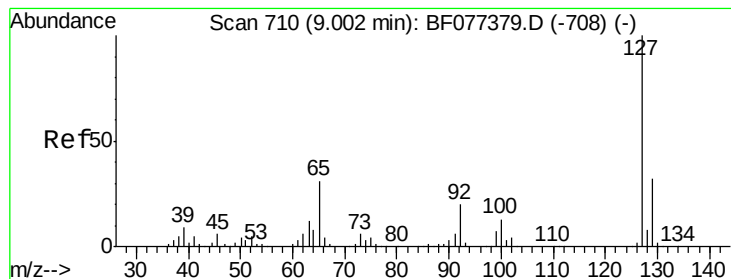
Tot Ion:128 Resp: 354736
Ion Ratio Lower Upper
128 100
129 11.0 9.4 14.0
127 12.8 10.6 15.8



#32
Benzoic acid
Concen: 11.76 ng
RT: 8.45 min Scan# 662
Delta R.T. -0.02 min
Lab File: BF077652.D
Acq: 9 Mar 2015 21:56

Tgt Ion:122 Resp: 19591
Ion Ratio Lower Upper
122 100
105 118.4 100.3 140.3
77 80.0 68.7 108.7





#33

4-Chloroaniline

Concen: 10.02 ng

RT: 8.87 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF077652.D

Acq: 9 Mar 2015 21:56

Instrument :

BNA_F

ClientSampleId :

SEP4MSD

Tot Ion:127 Resp: 49224

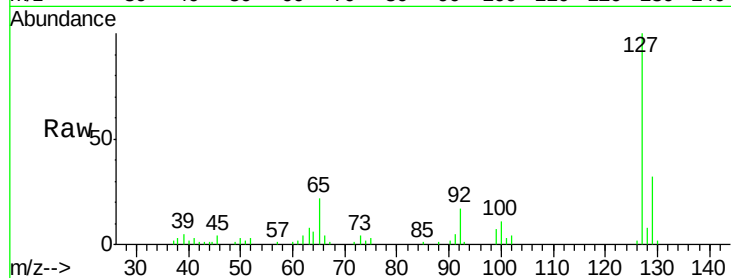
Ion Ratio Lower Upper

127 100

129 31.8 26.9 40.3

65 22.1 16.7 25.1

92 17.4 12.5 18.7

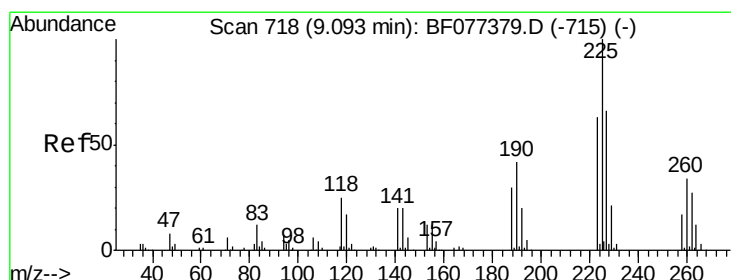
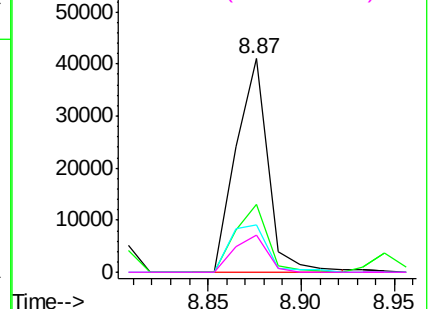
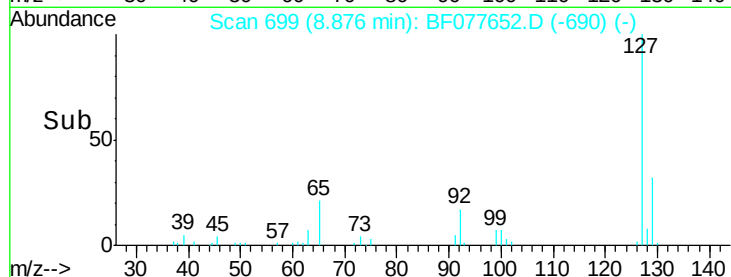


Abundance Ion 127.00 (126.70 to 127.70): E

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: 28.02 ng

RT: 8.95 min Scan# 706

Delta R.T. -0.00 min

Lab File: BF077652.D

Acq: 9 Mar 2015 21:56

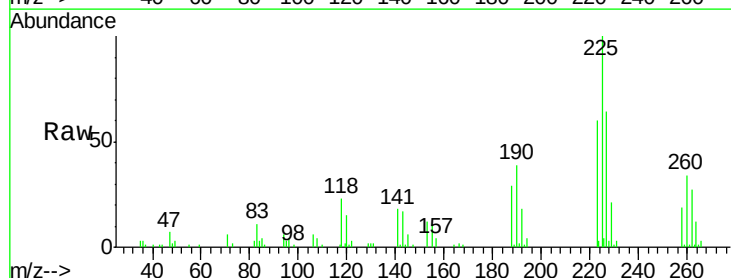
Tgt Ion:225 Resp: 56571

Ion Ratio Lower Upper

225 100

223 60.1 49.5 74.3

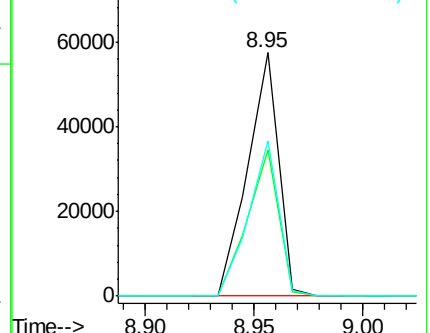
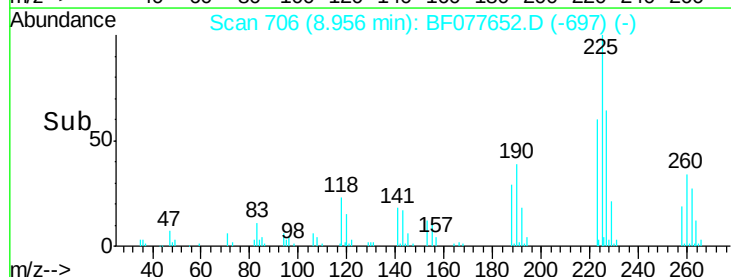
227 63.7 50.5 75.7

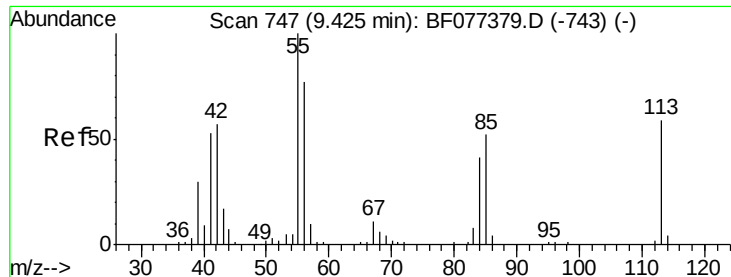


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

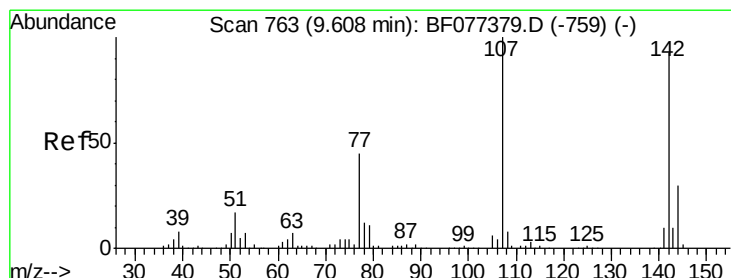
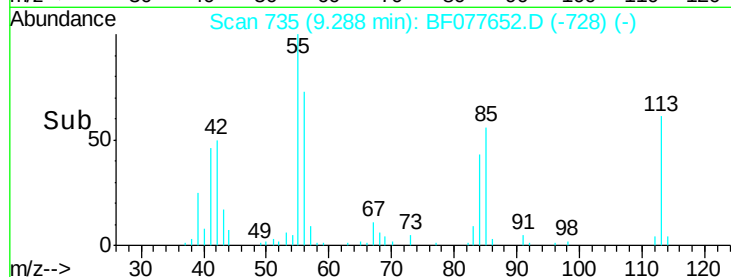
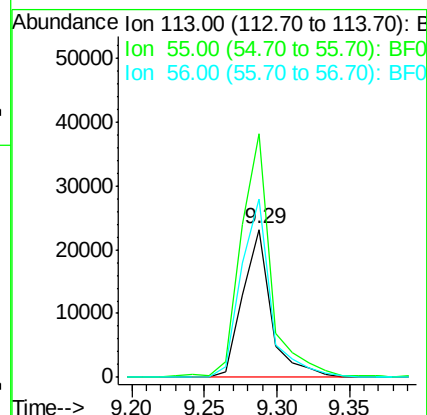
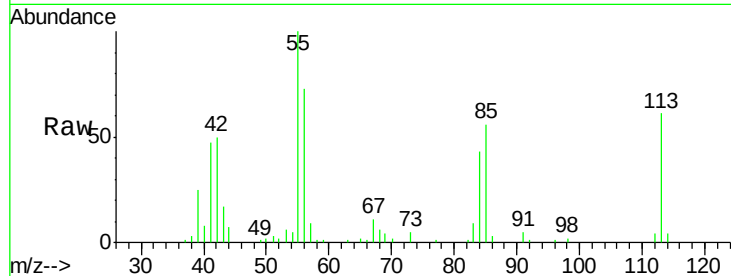




#35
Caprolactam
Concen: 31.99 ng
RT: 9.29 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF077652.D
Acq: 9 Mar 2015 21:56

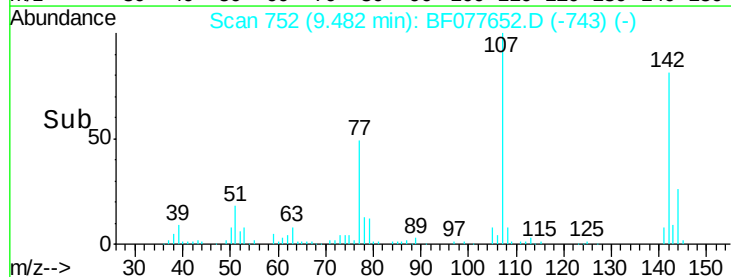
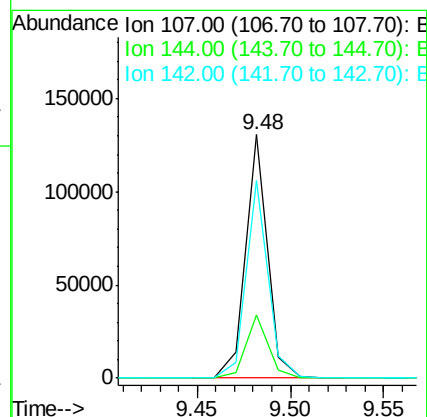
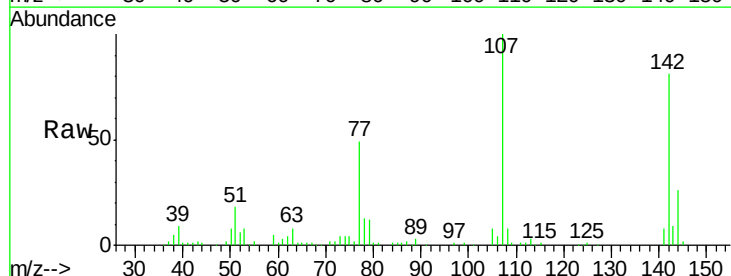
Instrument :
BNA_F
ClientSampled :
SEP4MSD

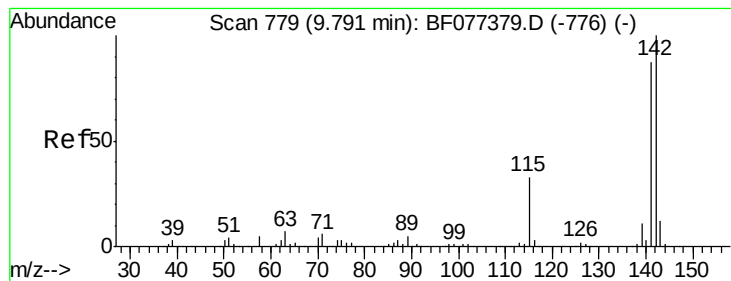
Tot Ion:113 Resp: 31418
Ion Ratio Lower Upper
113 100
55 164.4 154.6 194.6
56 120.8 114.0 154.0



#36
4-Chloro-3-methylphenol
Concen: 33.39 ng
RT: 9.48 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF077652.D
Acq: 9 Mar 2015 21:56

Tgt Ion:107 Resp: 107994
Ion Ratio Lower Upper
107 100
144 26.1 21.1 31.7
142 81.4 65.3 97.9





#37

2-Methylnaphthalene

Concen: 30.67 ng

RT: 9.65 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF077652.D

Acq: 9 Mar 2015 21:56

Instrument :

BNA_F

ClientSampleId :

SEP4MSD

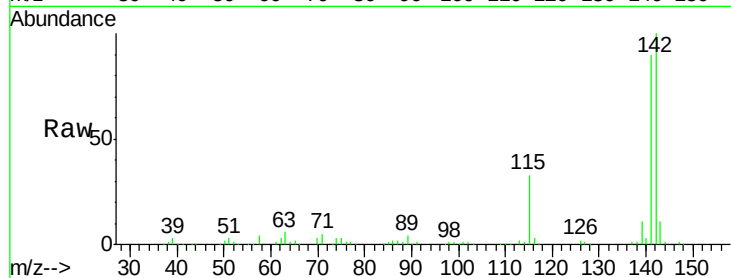
Tot Ion:142 Resp: 240650

Ion Ratio Lower Upper

142 100

141 90.4 70.7 106.1

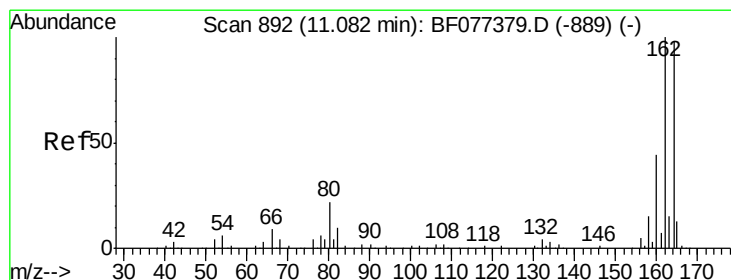
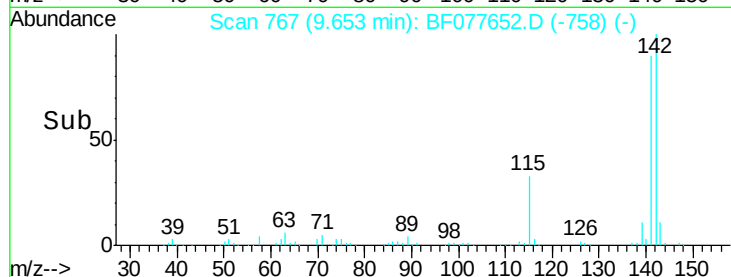
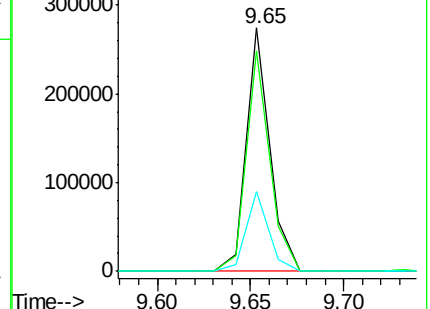
115 32.7 24.2 36.4



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: BF077652.D

Acq: 9 Mar 2015 21:56

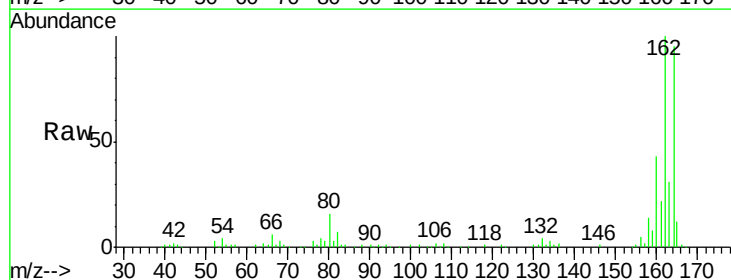
Tgt Ion:164 Resp: 114939

Ion Ratio Lower Upper

164 100

162 104.9 83.2 124.8

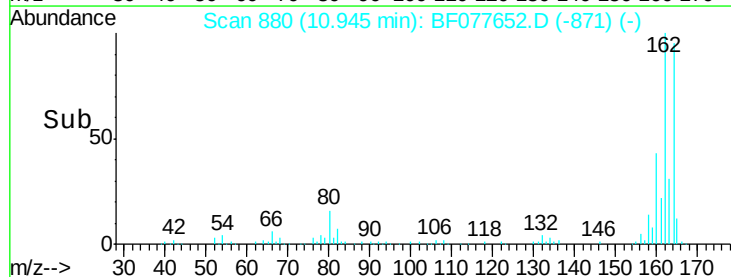
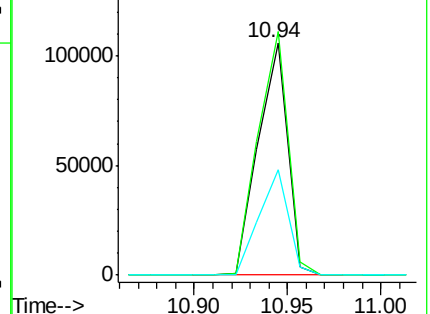
160 45.4 34.6 52.0

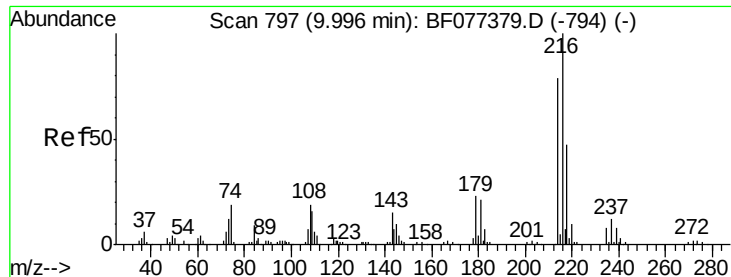


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.87 ng

RT: 9.86 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF077652.D

Acq: 9 Mar 2015 21:56

Instrument :

BNA_F

ClientSampleId :

SEP4MSD

Tot Ion:216 Resp: 101793

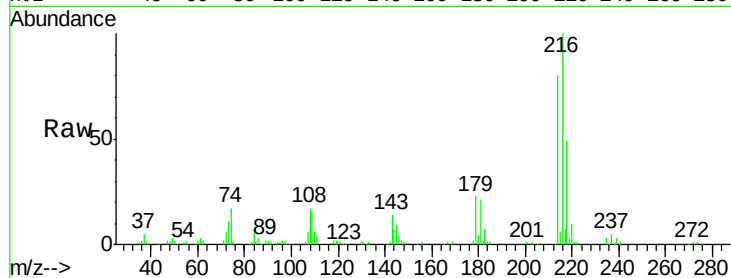
Ion Ratio Lower Upper

216 100

214 79.6 63.4 95.0

179 22.1 16.6 25.0

108 19.3 14.2 21.4

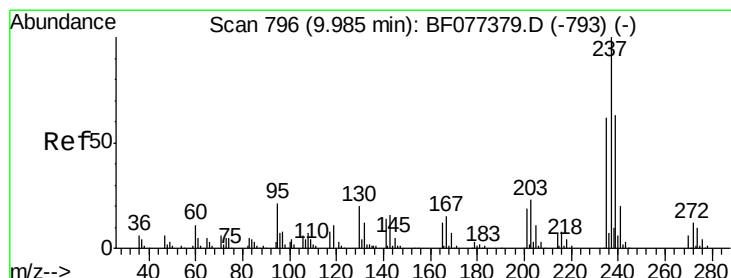
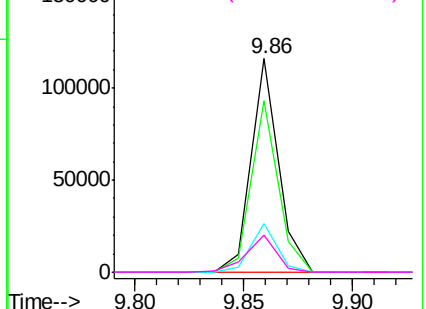
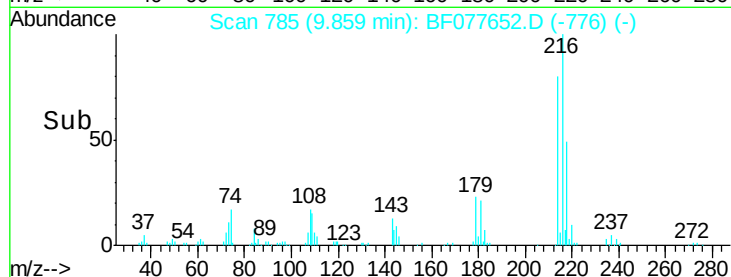


Abundance Ion 216.00 (215.70 to 216.70): E

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: 34.78 ng

RT: 9.85 min Scan# 784

Delta R.T. -0.00 min

Lab File: BF077652.D

Acq: 9 Mar 2015 21:56

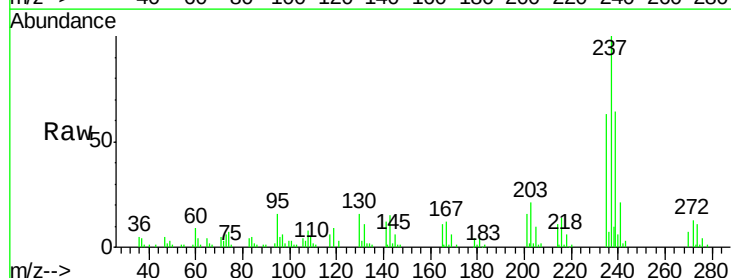
Tgt Ion:237 Resp: 61502

Ion Ratio Lower Upper

237 100

235 62.8 41.0 81.0

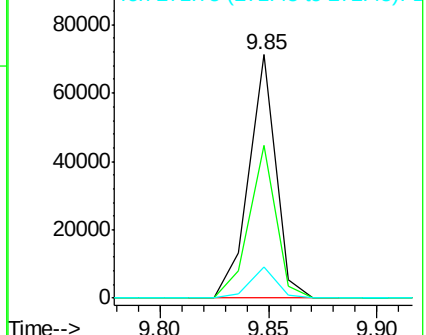
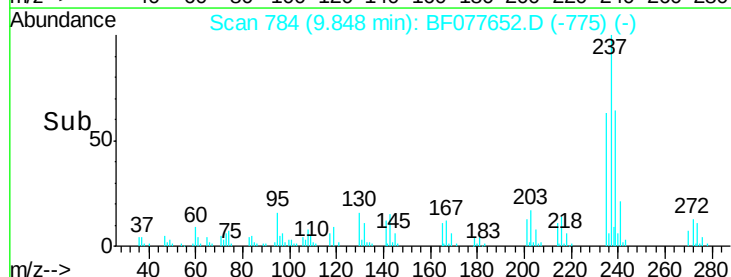
272 12.7 0.0 34.3

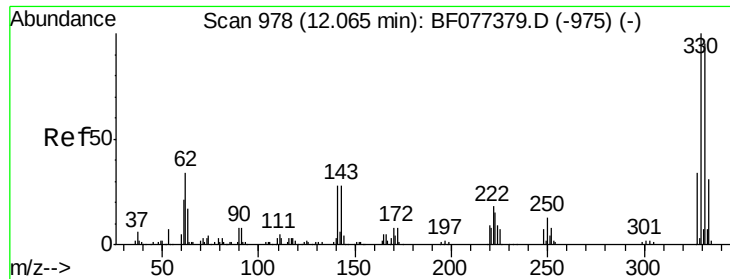


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

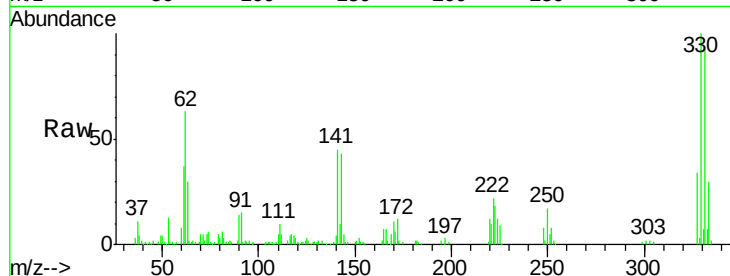




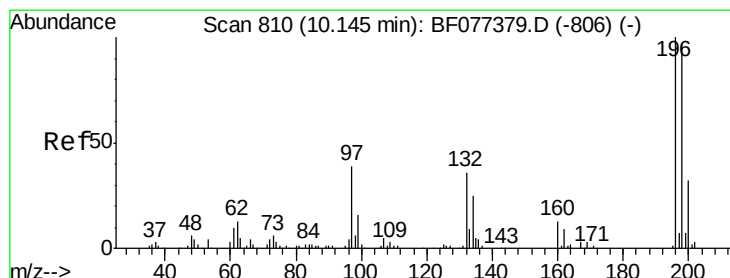
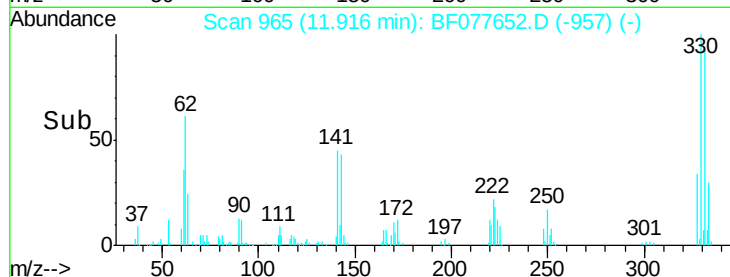
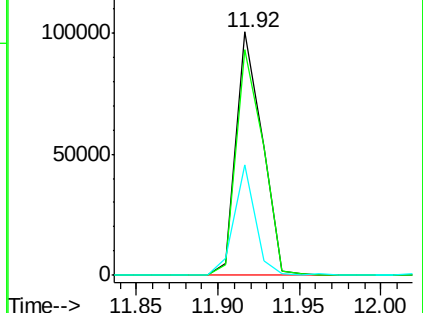
#41
 2,4,6-Tribromophenol
 Concen: 99.59 ng
 RT: 11.92 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: BF077652.D
 Acq: 9 Mar 2015 21:56

Instrument :
 BNA_F
 ClientSampleId :
 SEP4MSD

Tot Ion:330 Resp: 110223
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.4 116.2
 141 36.9 28.8 43.2

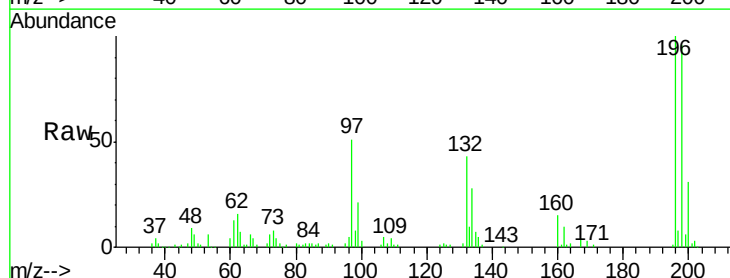


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

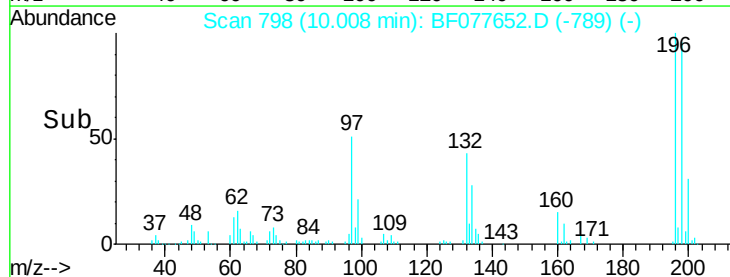
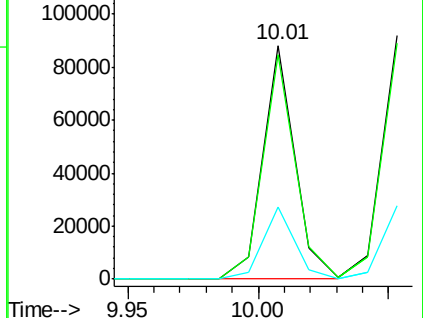


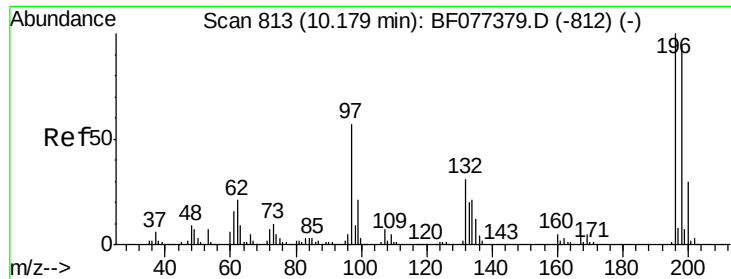
#42
 2,4,6-Trichlorophenol
 Concen: 34.24 ng
 RT: 10.01 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF077652.D
 Acq: 9 Mar 2015 21:56

Tgt Ion:196 Resp: 74784
 Ion Ratio Lower Upper
 196 100
 198 96.2 75.8 113.8
 200 31.1 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

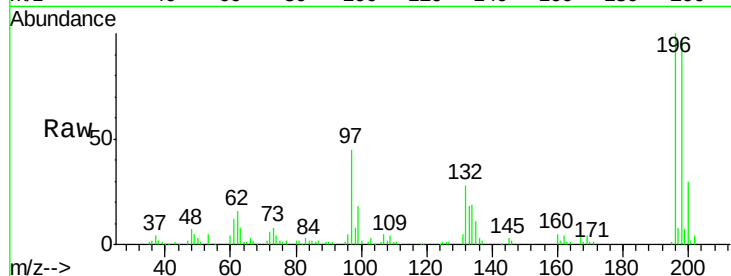




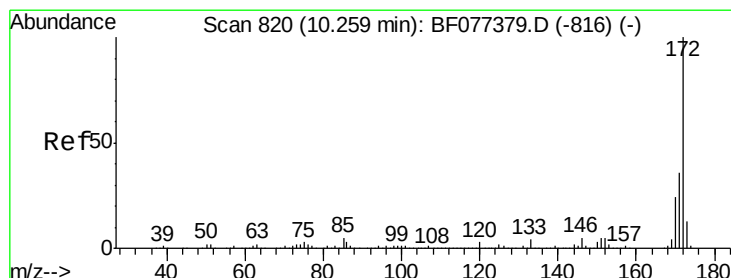
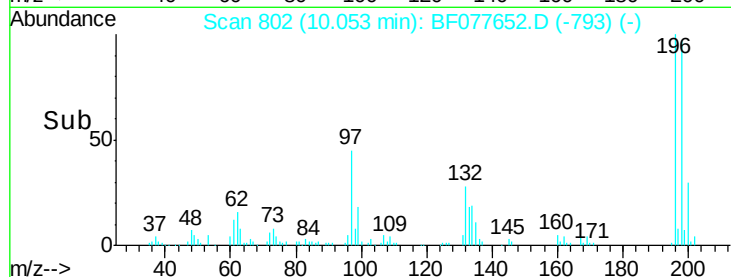
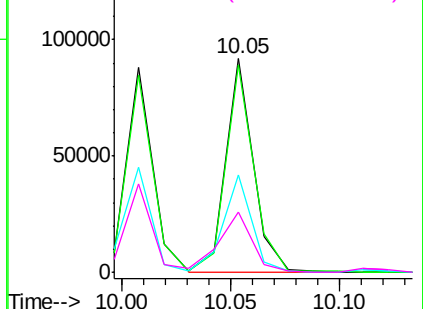
#43
 2,4,5-Trichlorophenol
 Concen: 34.53 ng
 RT: 10.05 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF077652.D
 Acq: 9 Mar 2015 21:56

Instrument :
 BNA_F
 ClientSampleId :
 SEP4MSD

Tot Ion:196 Resp: 80636
 Ion Ratio Lower Upper
 196 100
 198 97.1 77.2 115.8
 97 45.4 27.7 41.5#
 132 28.0 18.0 27.0#

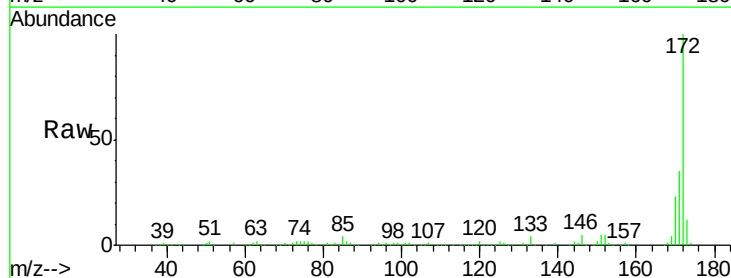


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

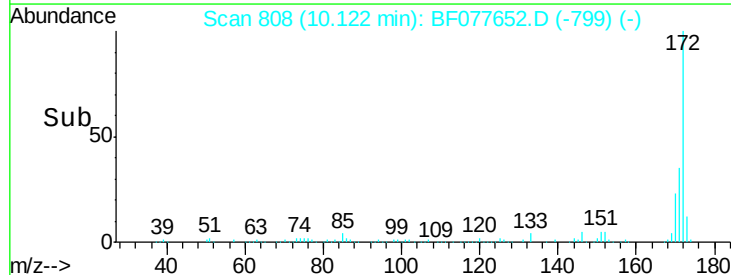
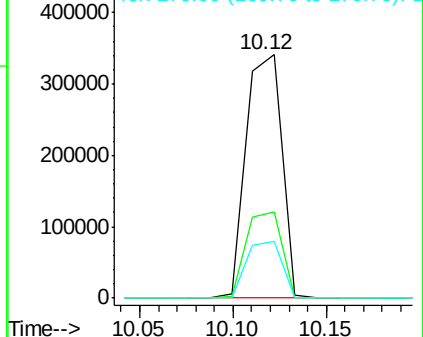


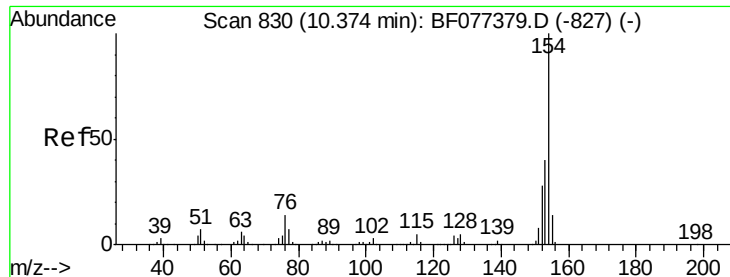
#44
 2-Fluorobiphenyl
 Concen: 62.12 ng
 RT: 10.12 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF077652.D
 Acq: 9 Mar 2015 21:56

Tgt Ion:172 Resp: 457937
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.9 43.3
 170 23.2 19.4 29.2



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

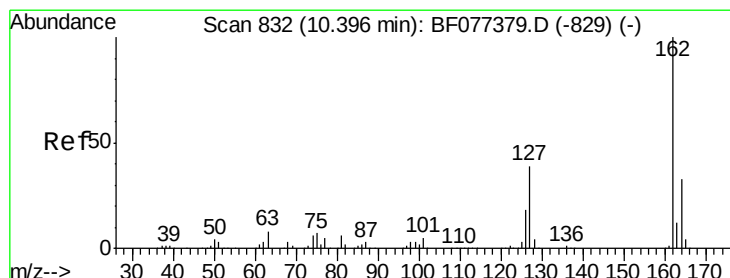
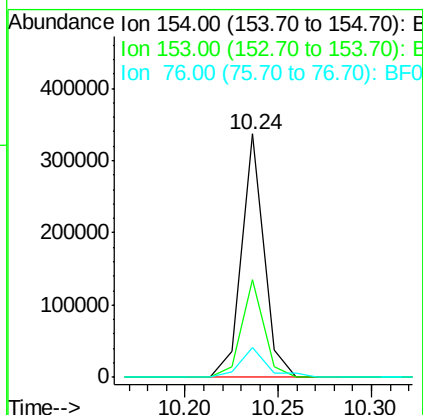
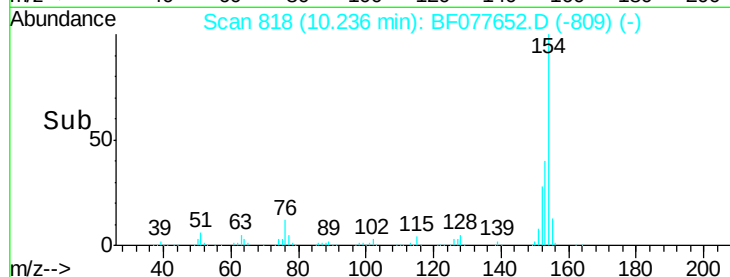
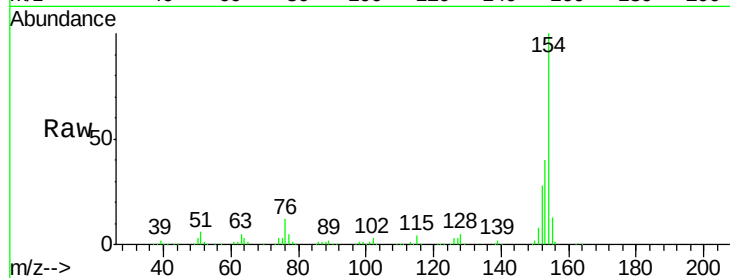




#45
1,1'-Biphenyl
Concen: 32.40 ng
RT: 10.24 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF077652.D
Acq: 9 Mar 2015 21:56

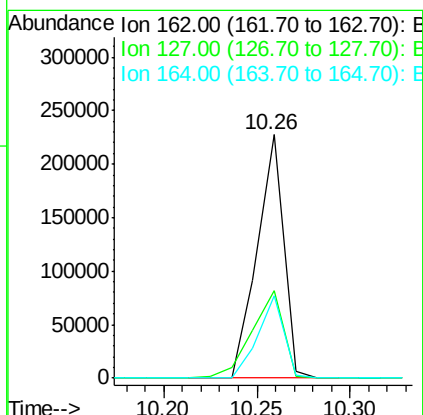
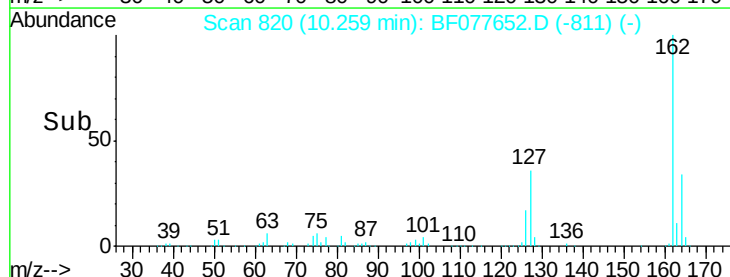
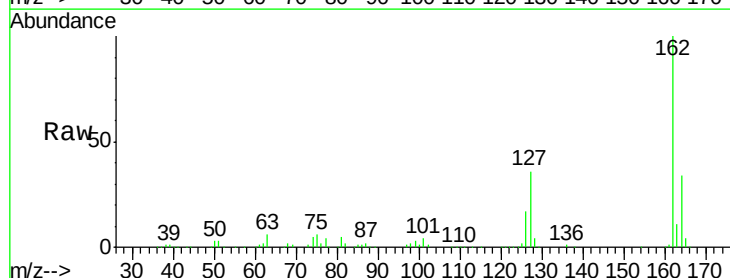
Instrument :
BNA_F
ClientSampleId :
SEP4MSD

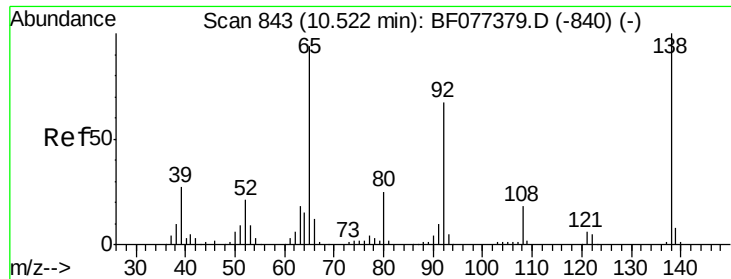
Tot Ion:154 Resp: 282118
Ion Ratio Lower Upper
154 100
153 40.4 20.2 60.2
76 12.2 0.0 29.4



#46
2-Chloronaphthalene
Concen: 32.76 ng
RT: 10.26 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF077652.D
Acq: 9 Mar 2015 21:56

Tgt Ion:162 Resp: 223736
Ion Ratio Lower Upper
162 100
127 35.9 33.3 49.9
164 33.7 26.2 39.4

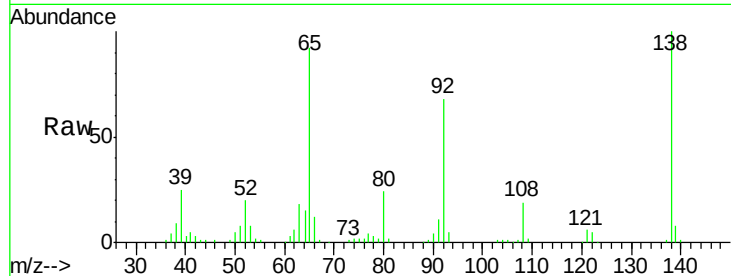




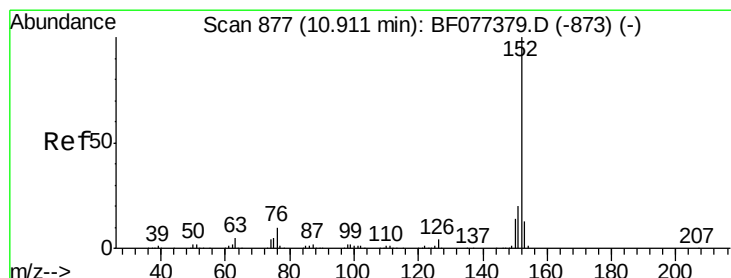
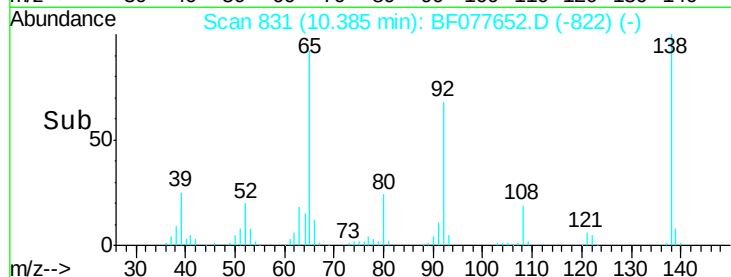
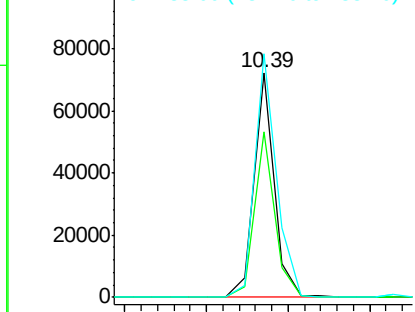
#47
2-Nitroaniline
Concen: 36.92 ng
RT: 10.39 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF077652.D
Acq: 9 Mar 2015 21:56

Instrument :
BNA_F
ClientSampleId :
SEP4MSD

Tot Ion: 65 Resp: 62068
Ion Ratio Lower Upper
65 100
92 73.5 52.4 78.6
138 108.3 73.4 110.0

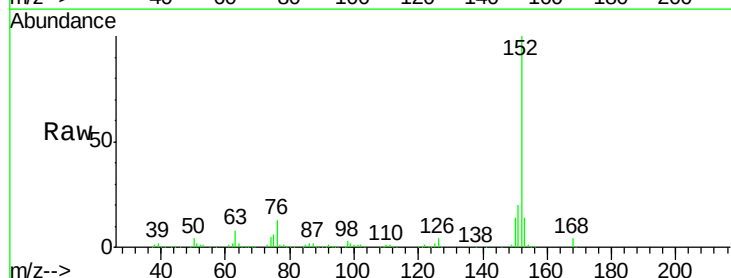


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

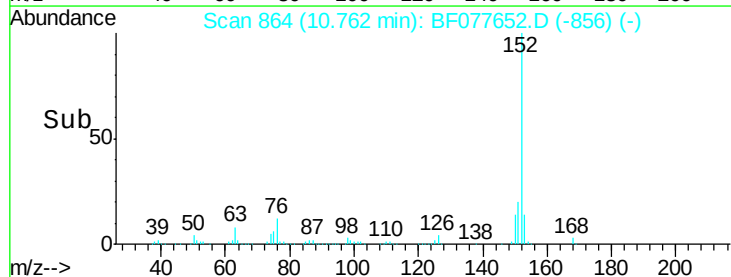
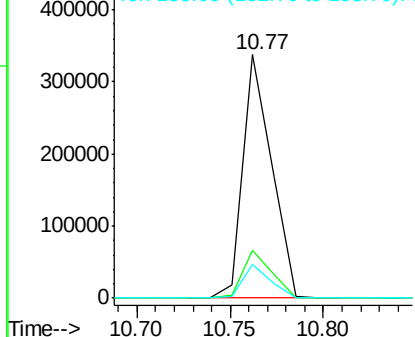


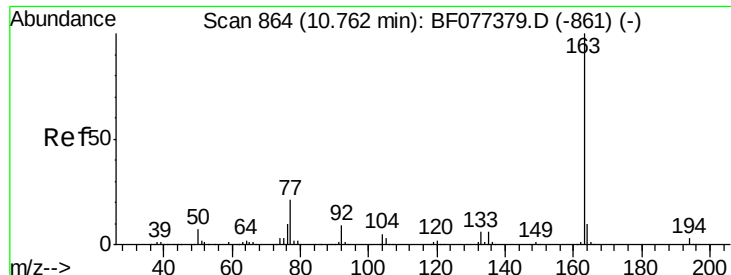
#48
Acenaphthylene
Concen: 33.34 ng
RT: 10.77 min Scan# 864
Delta R.T. -0.00 min
Lab File: BF077652.D
Acq: 9 Mar 2015 21:56

Tgt Ion: 152 Resp: 360489
Ion Ratio Lower Upper
152 100
151 19.6 16.1 24.1
153 13.7 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

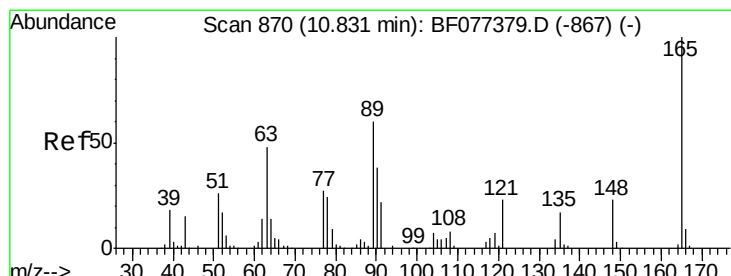
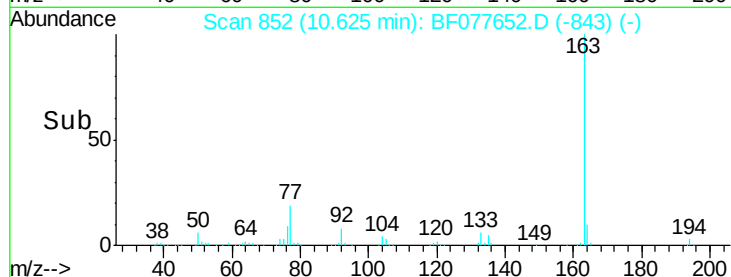
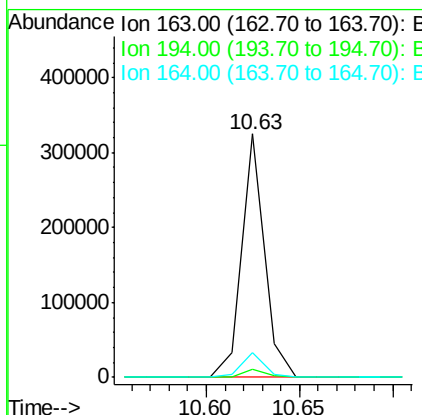
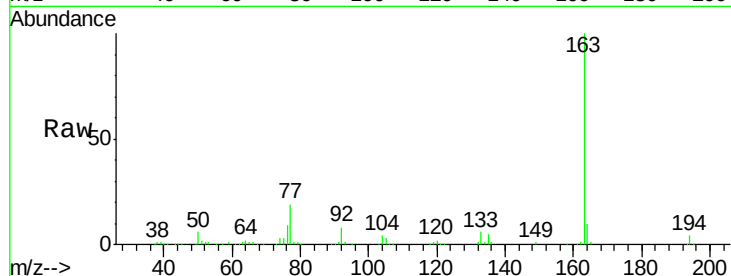




#49
Dimethylphthalate
Concen: 34.19 ng
RT: 10.63 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF077652.D
Acq: 9 Mar 2015 21:56

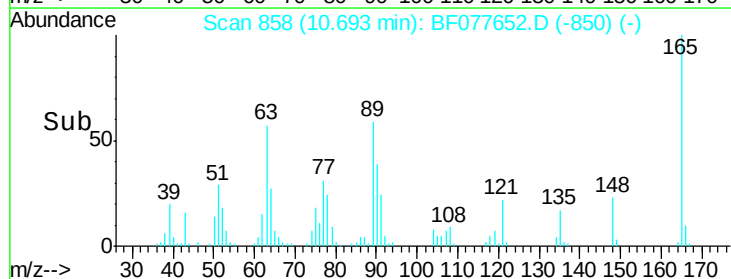
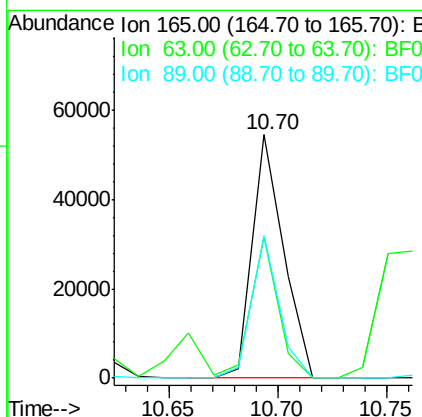
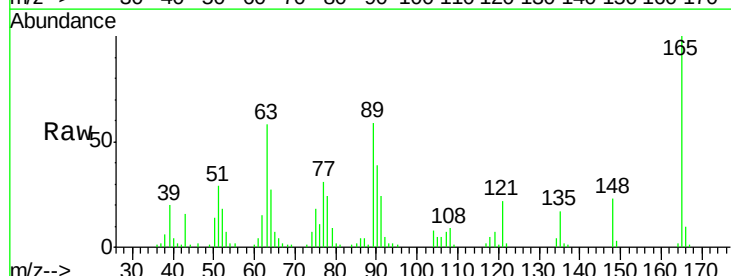
Instrument :
BNA_F
ClientSampleId :
SEP4MSD

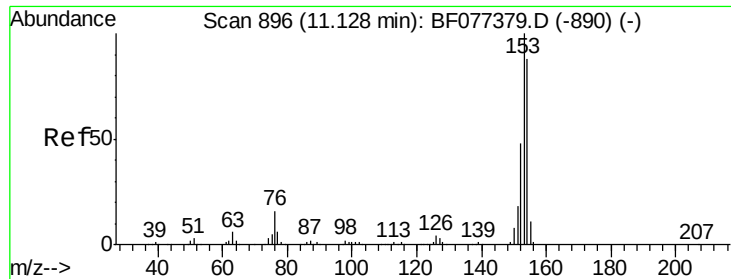
Tot Ion:163 Resp: 276263
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.1 8.6 13.0



#50
2,6-Dinitrotoluene
Concen: 33.65 ng
RT: 10.70 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF077652.D
Acq: 9 Mar 2015 21:56

Tgt Ion:165 Resp: 54526
Ion Ratio Lower Upper
165 100
63 58.1 25.2 37.8#
89 58.5 30.5 45.7#

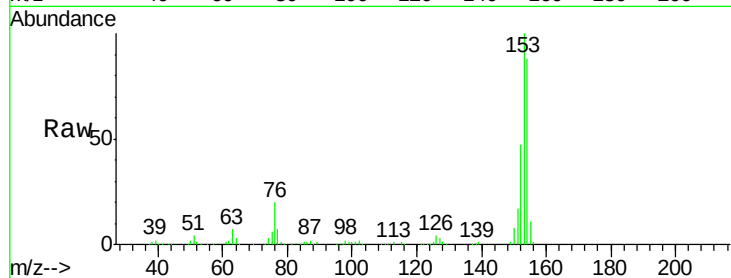




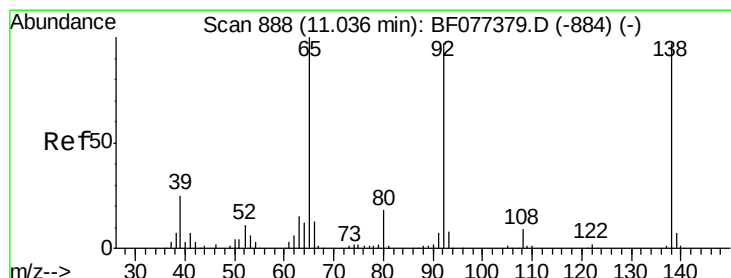
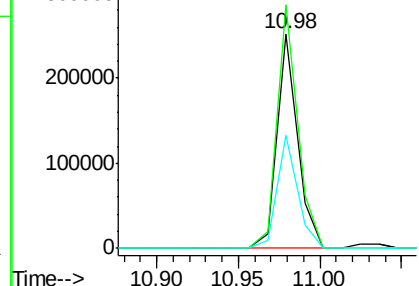
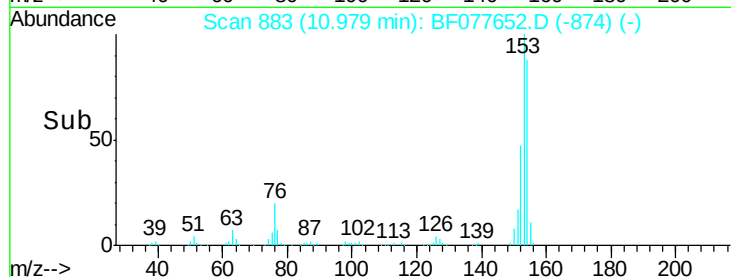
#51
Acenaphthene
Concen: 34.43 ng
RT: 10.98 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF077652.D
Acq: 9 Mar 2015 21:56

Instrument :
BNA_F
ClientSampleId :
SEP4MSD

Tot Ion:154 Resp: 222151
Ion Ratio Lower Upper
154 100
153 113.5 90.5 135.7
152 52.8 43.5 65.3

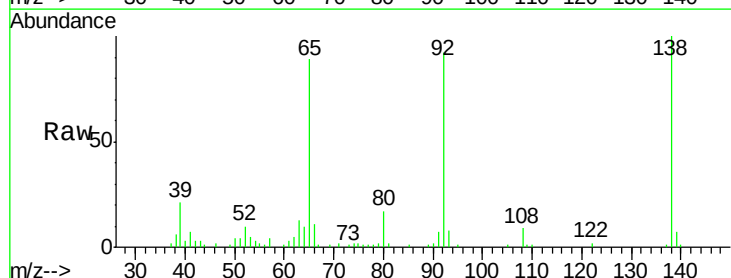


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

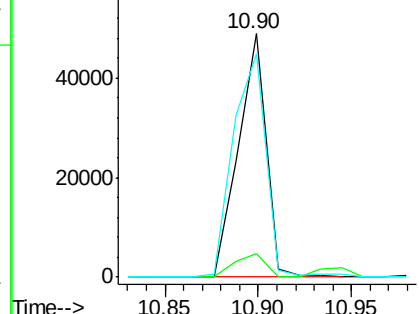
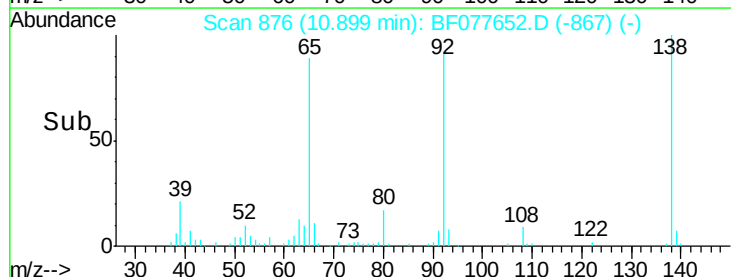


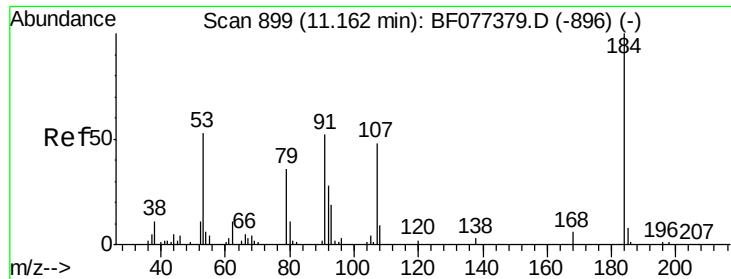
#52
3-Nitroaniline
Concen: 27.44 ng
RT: 10.90 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF077652.D
Acq: 9 Mar 2015 21:56

Tgt Ion:138 Resp: 51253
Ion Ratio Lower Upper
138 100
108 9.5 7.8 11.8
92 91.7 90.6 135.8



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

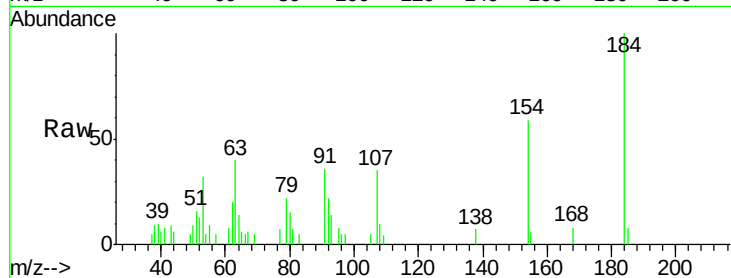




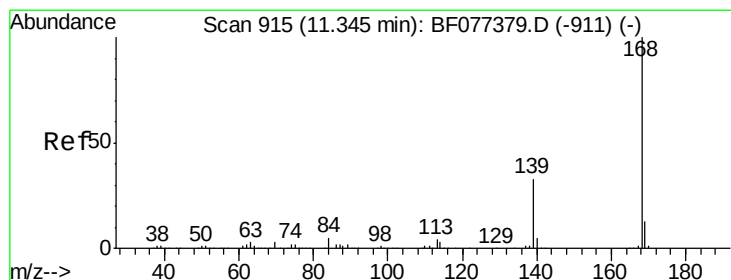
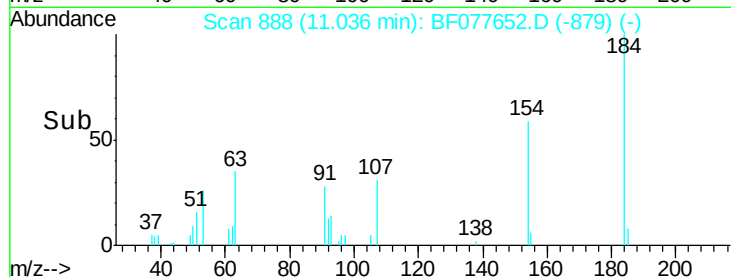
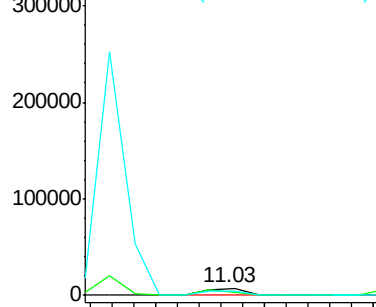
#53
2,4-Dinitrophenol
Concen: 20.40 ng
RT: 11.03 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF077652.D
Acq: 9 Mar 2015 21:56

Instrument :
BNA_F
ClientSampled :
SEP4MSD

Tot Ion:184 Resp: 10058
Ion Ratio Lower Upper
184 100
63 39.8 29.5 44.3
154 59.5 43.2 64.8

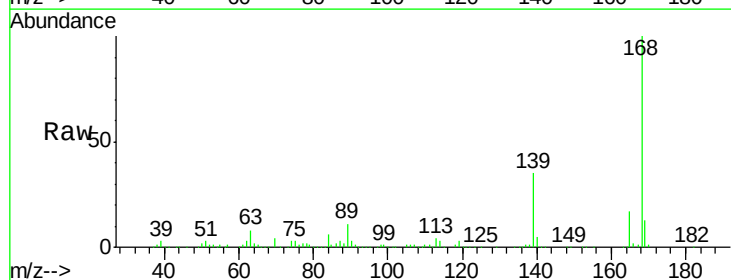


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

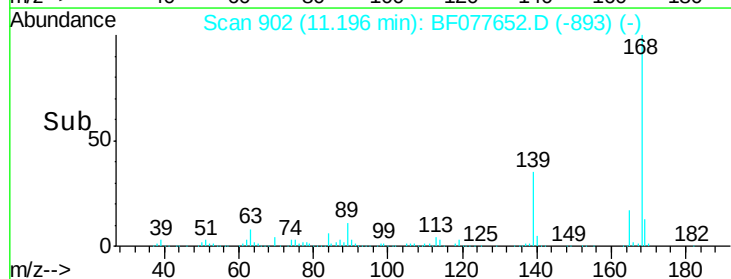
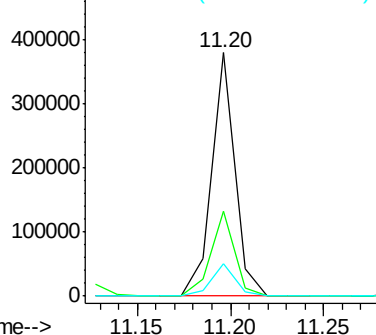


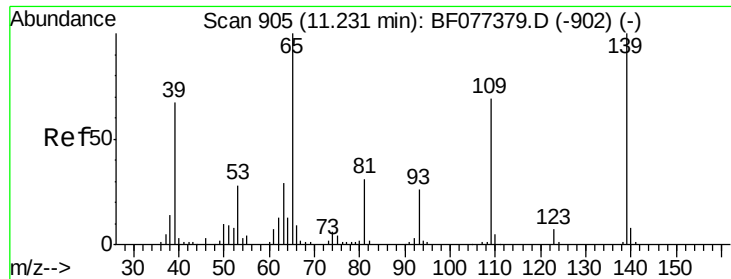
#54
Dibenzofuran
Concen: 33.23 ng
RT: 11.20 min Scan# 902
Delta R.T. -0.00 min
Lab File: BF077652.D
Acq: 9 Mar 2015 21:56

Tgt Ion:168 Resp: 330985
Ion Ratio Lower Upper
168 100
139 35.0 29.3 43.9
169 13.4 10.9 16.3



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

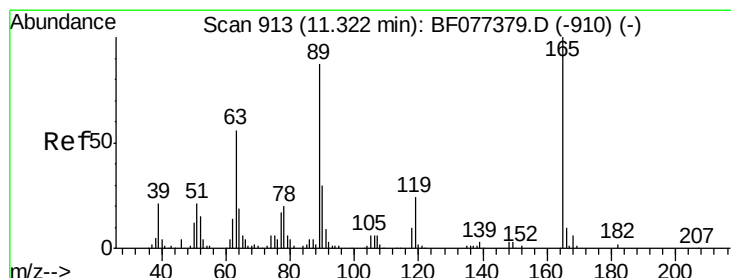
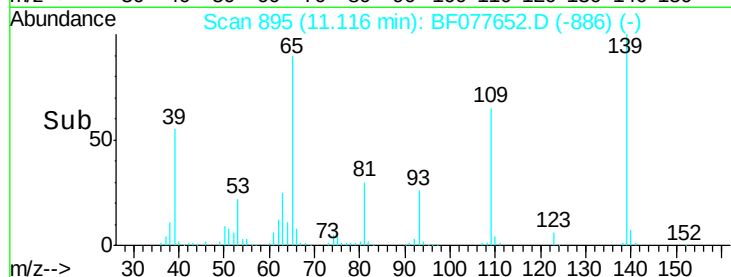
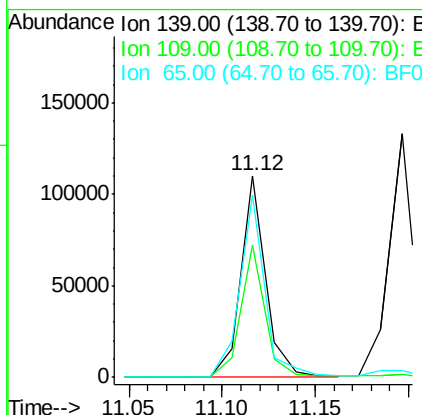
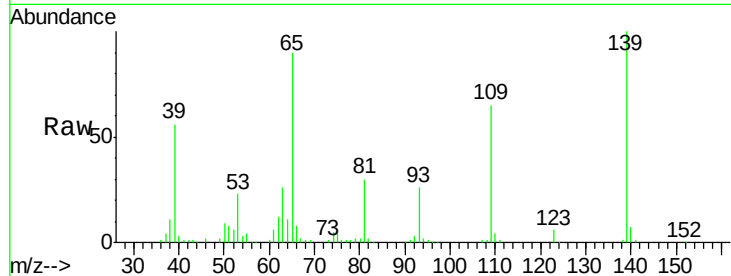




#55
4-Nitrophenol
Concen: 68.17 ng
RT: 11.12 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF077652.D
Acq: 9 Mar 2015 21:56

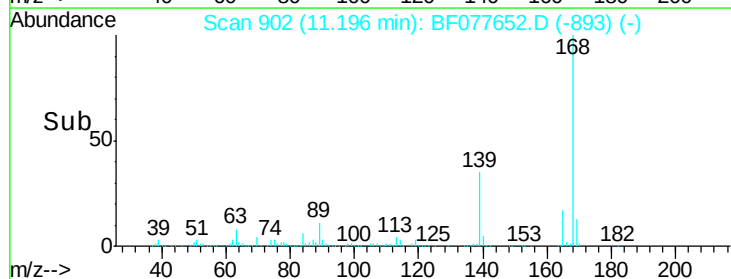
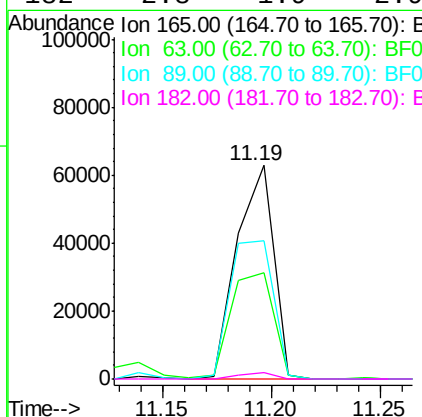
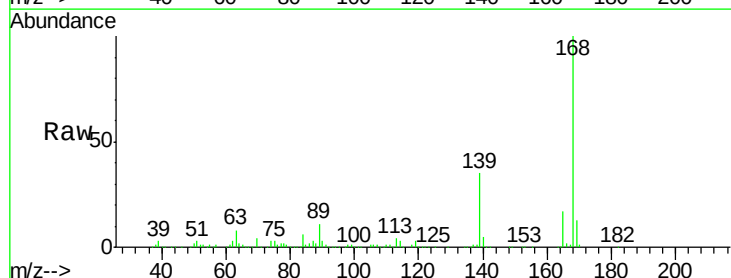
Instrument :
BNA_F
ClientSampleId :
SEP4MSD

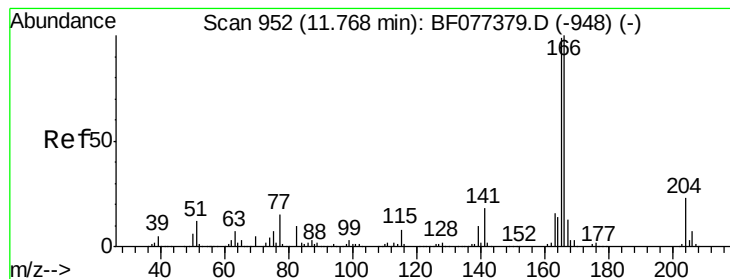
Tot Ion:139 Resp: 102432
Ion Ratio Lower Upper
139 100
109 65.4 36.2 76.2
65 90.1 40.3 80.3#



#56
2,4-Dinitrotoluene
Concen: 33.70 ng
RT: 11.19 min Scan# 902
Delta R.T. -0.00 min
Lab File: BF077652.D
Acq: 9 Mar 2015 21:56

Tgt Ion:165 Resp: 73772
Ion Ratio Lower Upper
165 100
63 49.5 29.8 44.8#
89 64.8 48.5 72.7
182 2.8 1.9 2.9





#57

Fluorene

Concen: 35.03 ng

RT: 11.62 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF077652.D

Acq: 9 Mar 2015 21:56

Instrument :

BNA_F

ClientSampleId :

SEP4MSD

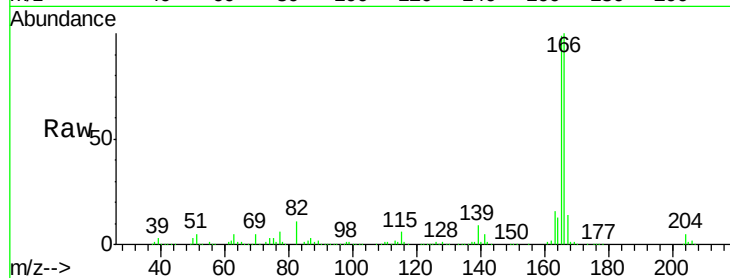
Tot Ion:166 Resp: 278973

Ion Ratio Lower Upper

166 100

165 98.7 77.6 116.4

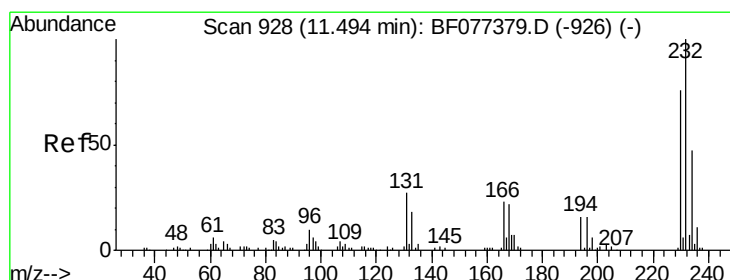
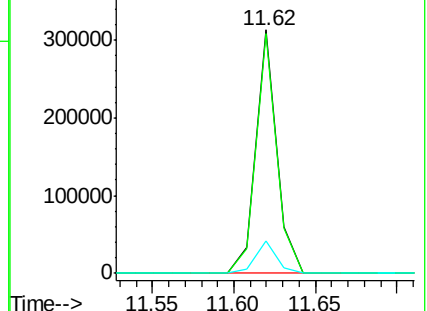
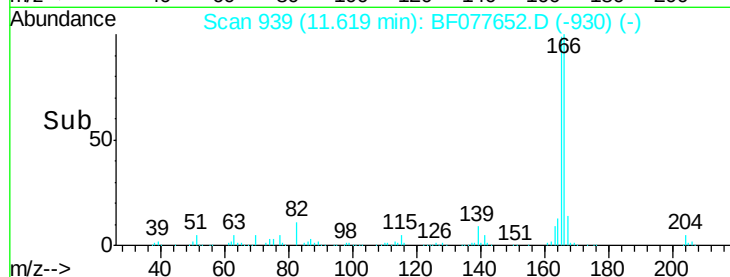
167 13.5 10.6 16.0



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: 34.78 ng

RT: 11.35 min Scan# 915

Delta R.T. 0.00 min

Lab File: BF077652.D

Acq: 9 Mar 2015 21:56

Tgt Ion:232 Resp: 65292

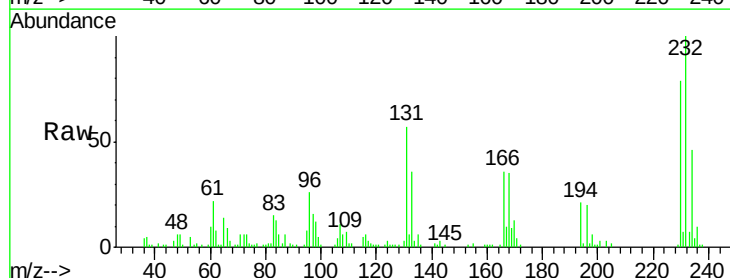
Ion Ratio Lower Upper

232 100

131 43.9 34.2 51.2

130 2.3 1.8 2.6

166 30.6 24.3 36.5

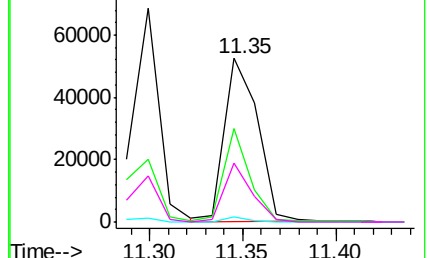
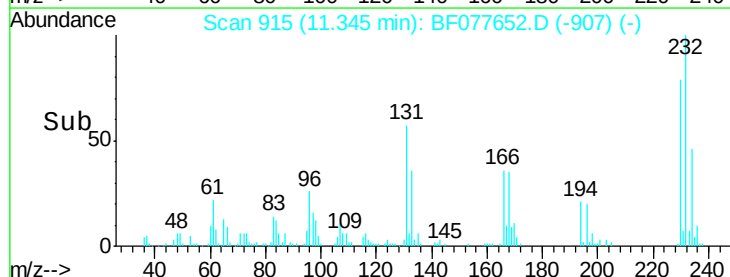


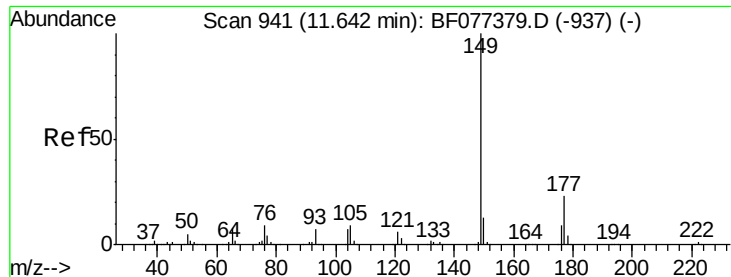
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

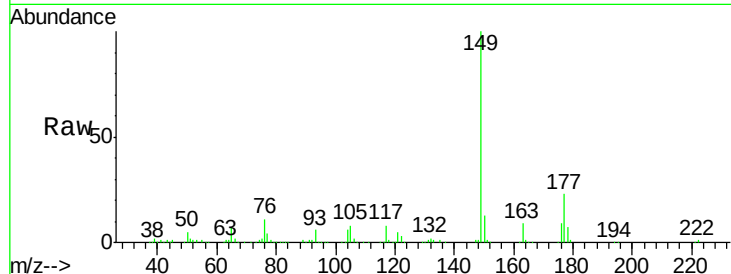




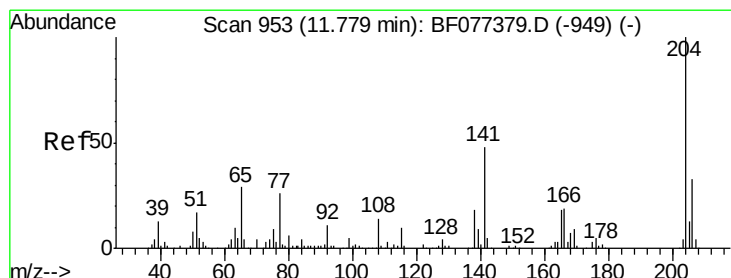
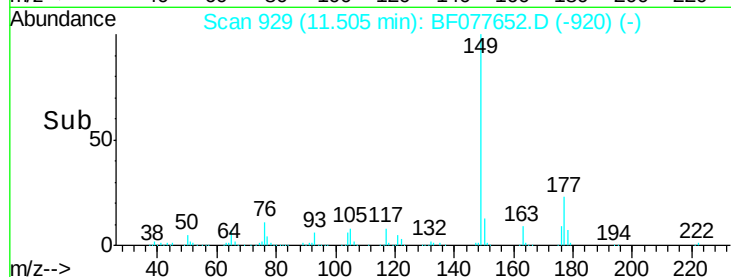
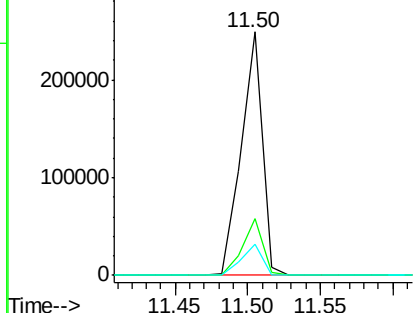
#59
Diethylphthalate
Concen: 31.49 ng
RT: 11.50 min Scan# 929
Delta R.T. -0.00 min
Lab File: BF077652.D
Acq: 9 Mar 2015 21:56

Instrument :
BNA_F
ClientSampleId :
SEP4MSD

Tot Ion:149 Resp: 250831
Ion Ratio Lower Upper
149 100
177 23.4 17.2 25.8
150 12.5 10.5 15.7

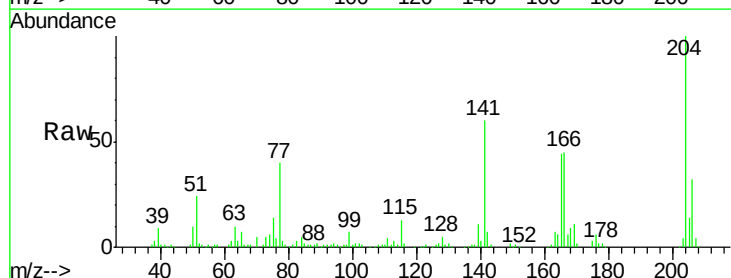


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

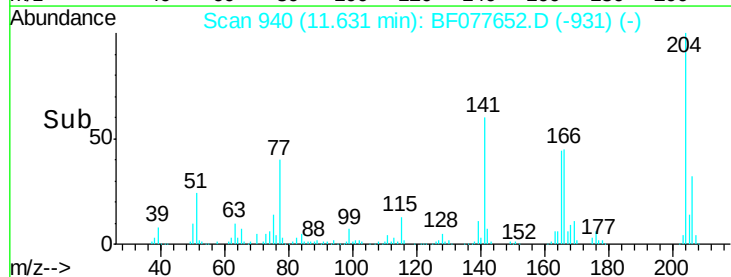
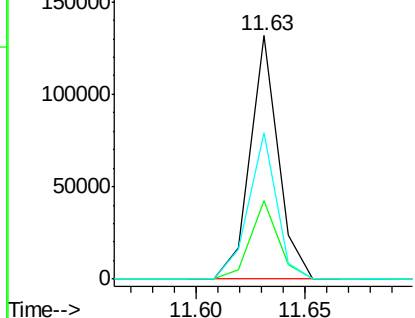


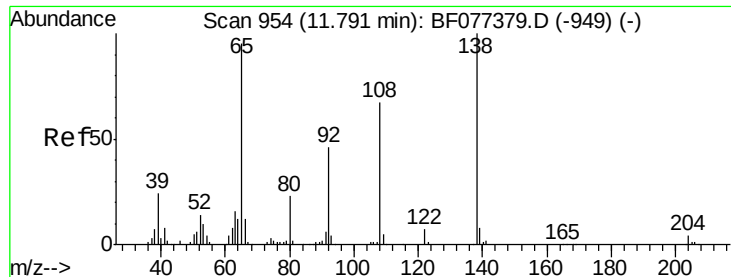
#60
4-Chlorophenyl-phenylether
Concen: 30.79 ng
RT: 11.63 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF077652.D
Acq: 9 Mar 2015 21:56

Tgt Ion:204 Resp: 118154
Ion Ratio Lower Upper
204 100
206 32.0 25.9 38.9
141 60.3 43.6 65.4



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 32.44 ng

RT: 11.65 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF077652.D

Acq: 9 Mar 2015 21:56

Instrument :

BNA_F

ClientSampleId :

SEP4MSD

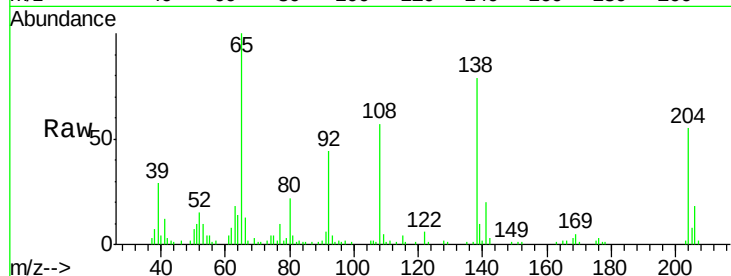
Tot Ion:138 Resp: 58075

Ion Ratio Lower Upper

138 100

92 56.3 32.8 72.8

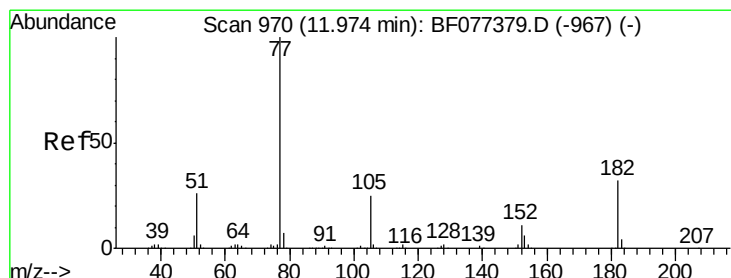
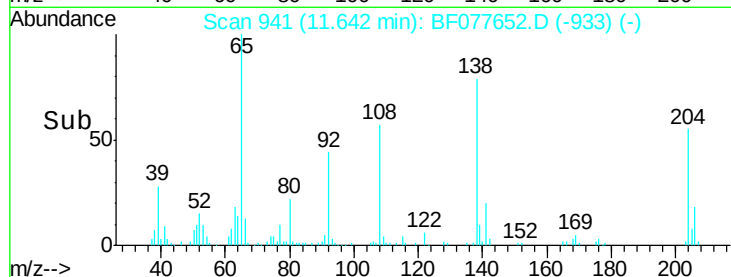
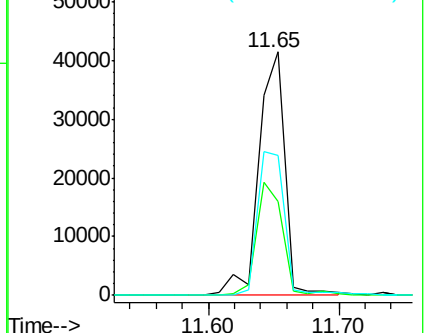
108 72.1 52.1 92.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 32.71 ng

RT: 11.83 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF077652.D

Acq: 9 Mar 2015 21:56

Tgt Ion: 77 Resp: 247209

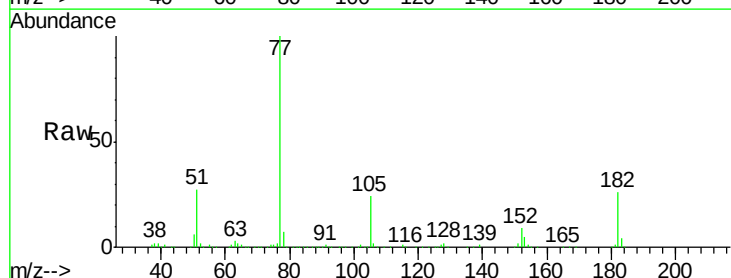
Ion Ratio Lower Upper

77 100

182 25.8 4.9 44.9

105 23.8 3.3 43.3

51 26.8 8.9 48.9

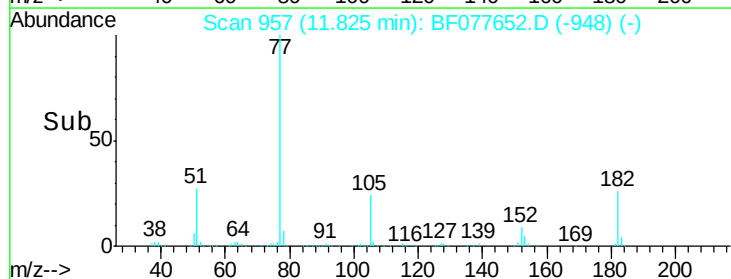
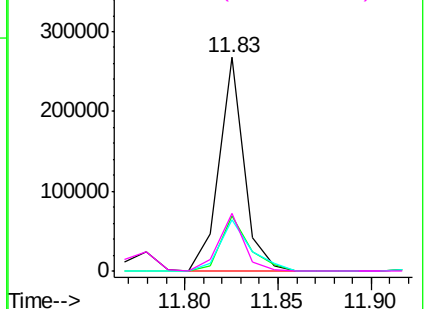


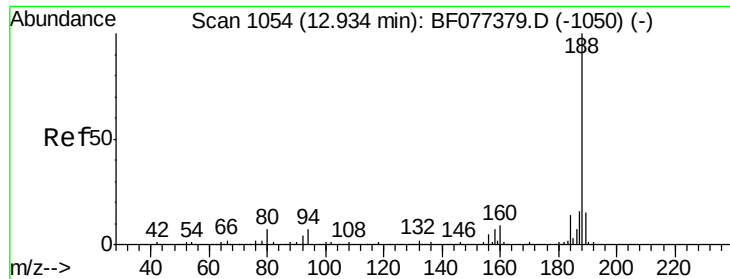
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

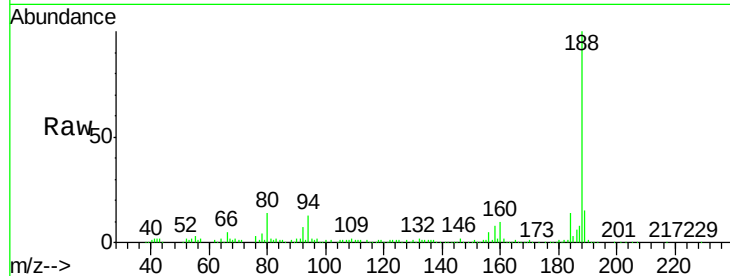




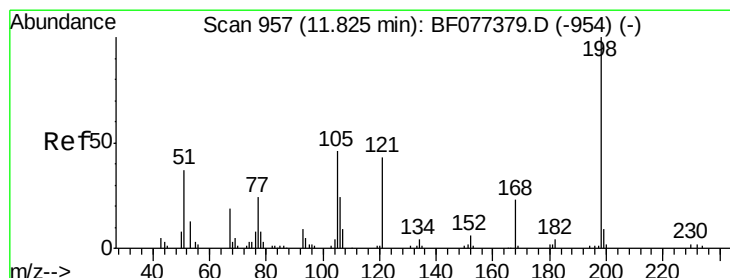
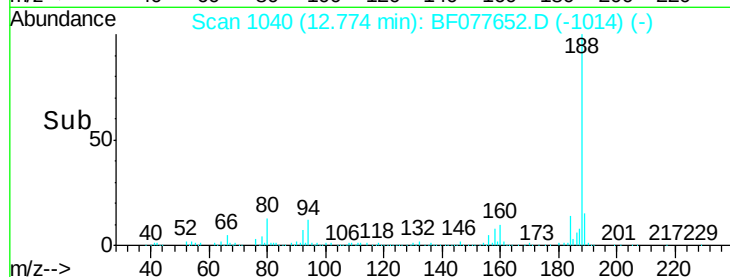
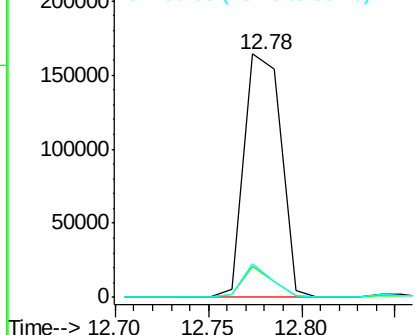
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.78 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF077652.D
Acq: 9 Mar 2015 21:56

Instrument :
BNA_F
ClientSampleId :
SEP4MSD

Tot Ion:188 Resp: 225624
Ion Ratio Lower Upper
188 100
94 12.6 7.4 11.2#
80 13.7 8.0 12.0#

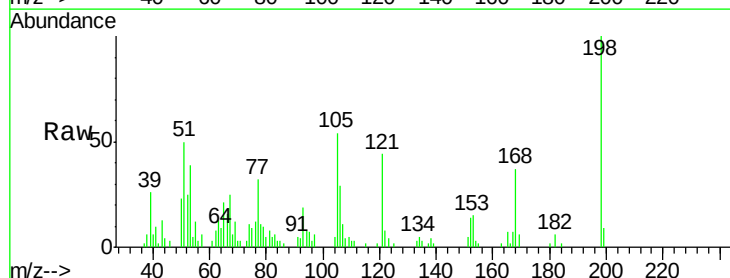


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

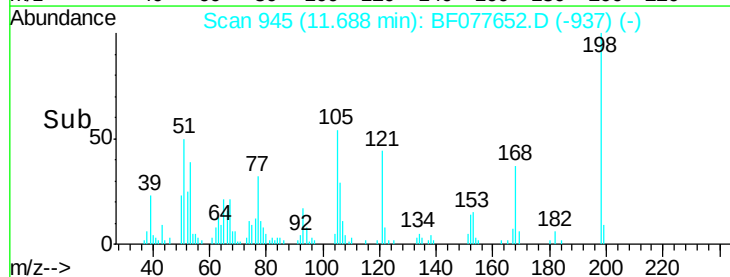
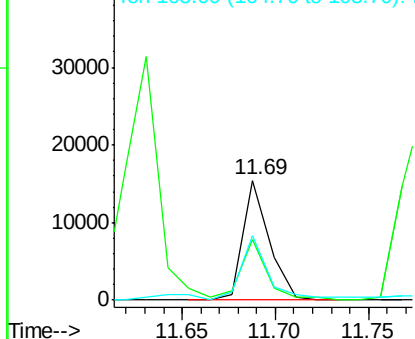


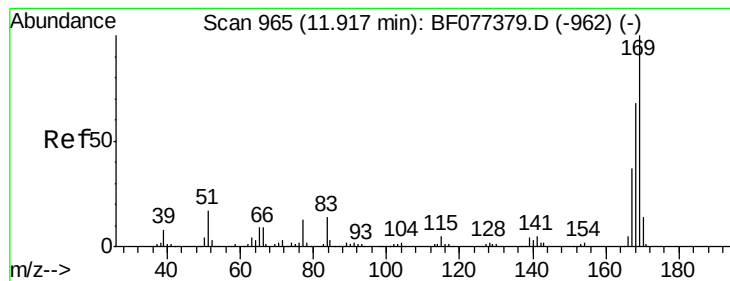
#64
4,6-Dinitro-2-methylphenol
Concen: 19.22 ng
RT: 11.69 min Scan# 945
Delta R.T. -0.00 min
Lab File: BF077652.D
Acq: 9 Mar 2015 21:56

Tgt Ion:198 Resp: 15128
Ion Ratio Lower Upper
198 100
51 50.0 2.7 42.7#
105 53.8 10.0 50.0#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

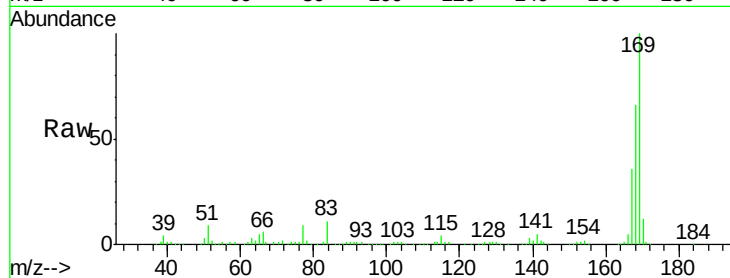




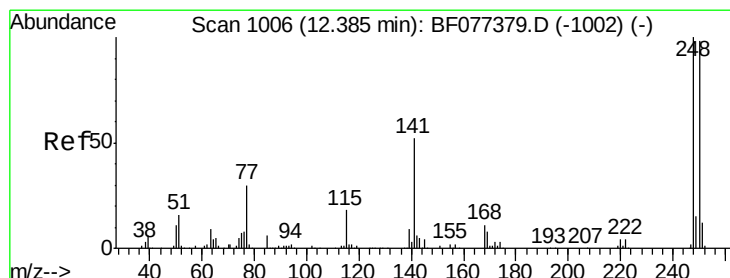
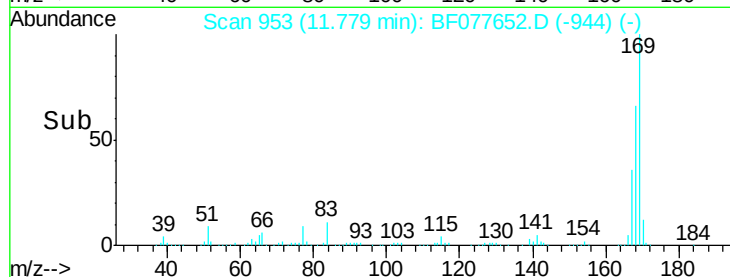
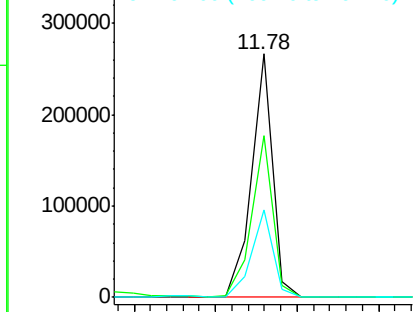
#65
n-Nitrosodiphenylamine
Concen: 31.91 ng
RT: 11.78 min Scan# 953
Delta R.T. -0.00 min
Lab File: BF077652.D
Acq: 9 Mar 2015 21:56

Instrument :
BNA_F
ClientSampleId :
SEP4MSD

Tot Ion:169 Resp: 238902
Ion Ratio Lower Upper
169 100
168 66.5 53.0 79.6
167 36.1 29.5 44.3

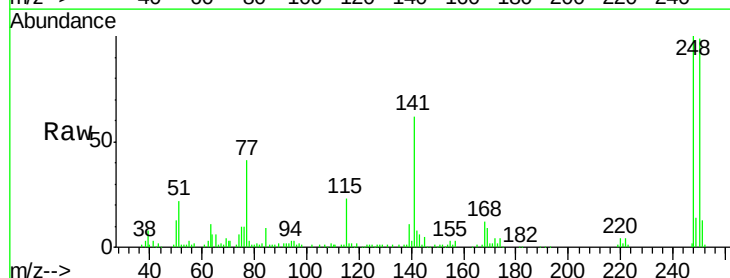


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

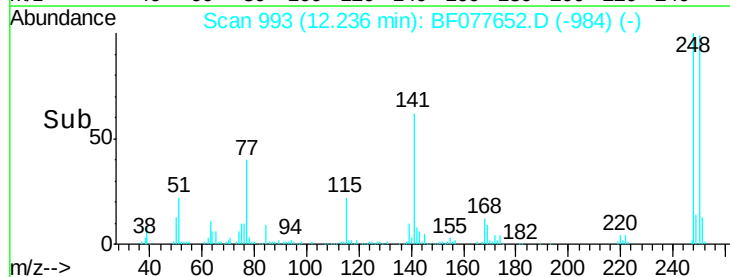
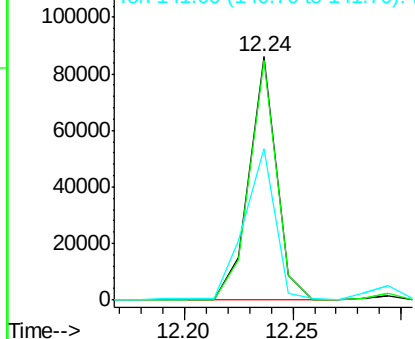


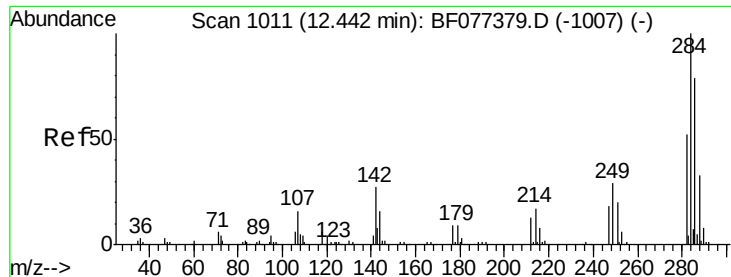
#66
4-Bromophenyl-phenylether
Concen: 28.52 ng
RT: 12.24 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF077652.D
Acq: 9 Mar 2015 21:56

Tgt Ion:248 Resp: 75361
Ion Ratio Lower Upper
248 100
250 98.5 78.0 117.0
141 62.4 54.1 81.1



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

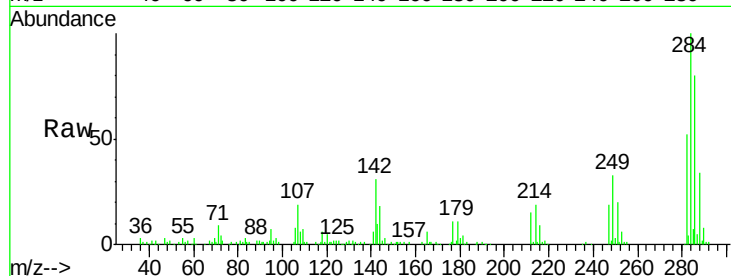




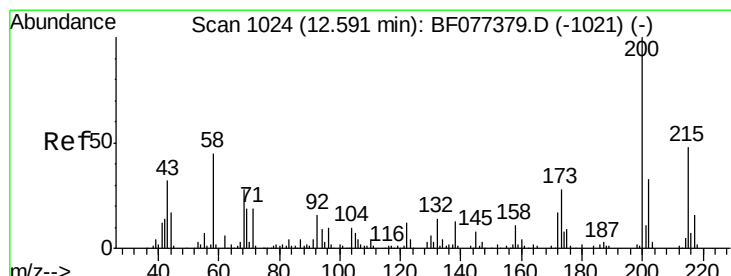
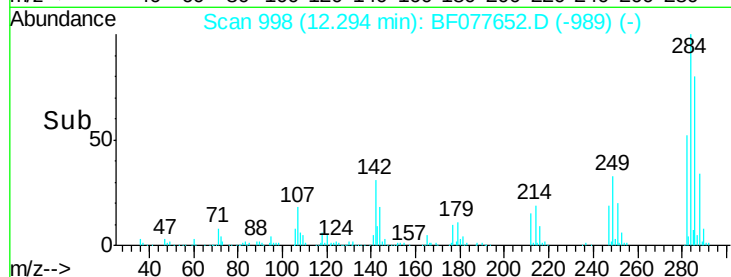
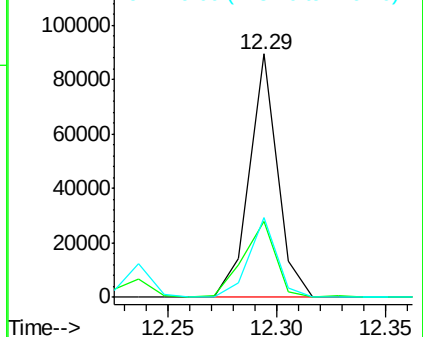
#67
Hexachlorobenzene
Concen: 28.29 ng
RT: 12.29 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF077652.D
Acq: 9 Mar 2015 21:56

Instrument :
BNA_F
ClientSampleId :
SEP4MSD

Tot Ion:284 Resp: 80237
Ion Ratio Lower Upper
284 100
142 31.2 31.6 47.4#
249 32.8 27.0 40.4

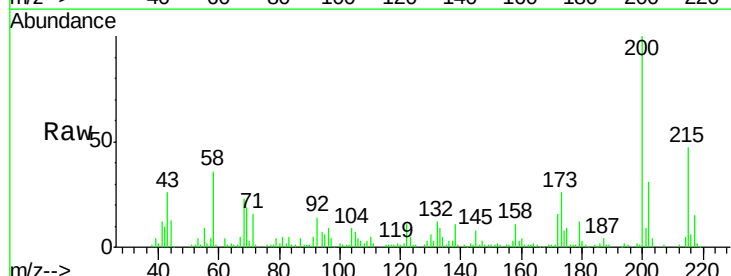


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

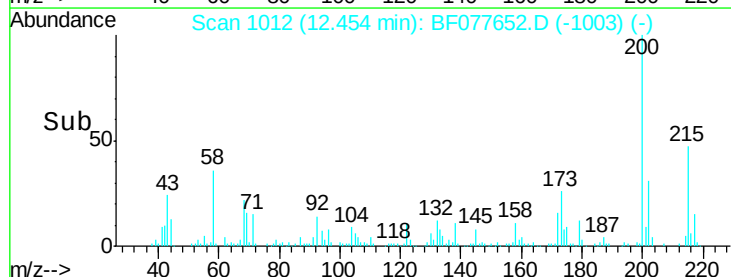
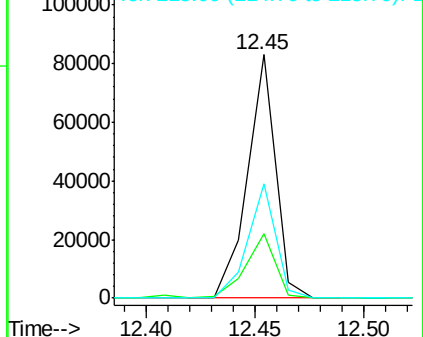


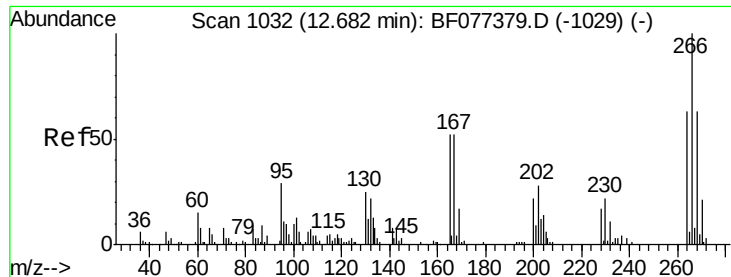
#68
Atrazine
Concen: 30.52 ng
RT: 12.45 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF077652.D
Acq: 9 Mar 2015 21:56

Tgt Ion:200 Resp: 74283
Ion Ratio Lower Upper
200 100
173 26.3 9.6 49.6
215 46.8 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

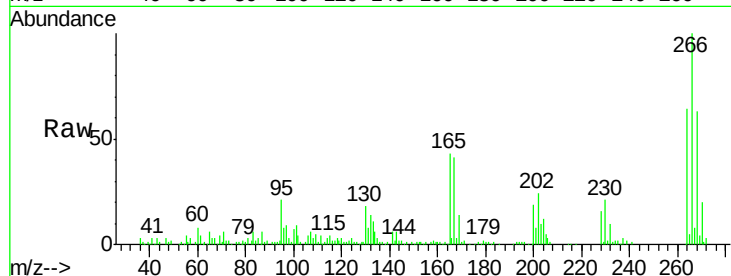




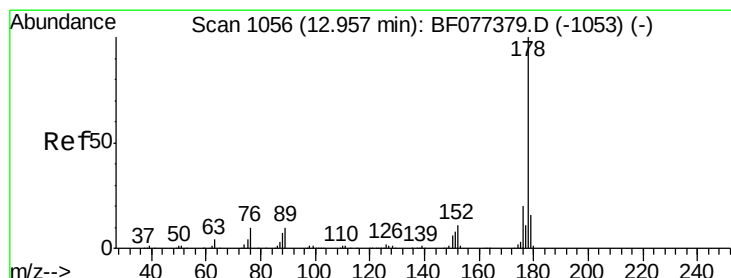
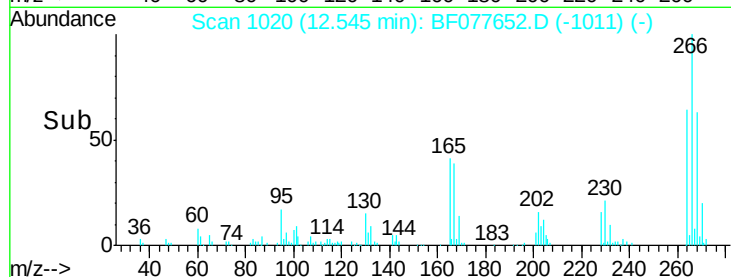
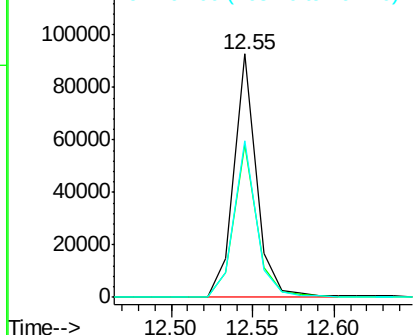
#69
 Pentachlorophenol
 Concen: 59.83 ng
 RT: 12.55 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BF077652.D
 Acq: 9 Mar 2015 21:56

Instrument :
 BNA_F
 ClientSampleId :
 SEP4MSD

Tot Ion:266 Resp: 89177
 Ion Ratio Lower Upper
 266 100
 268 62.8 51.2 76.8
 264 64.2 50.7 76.1

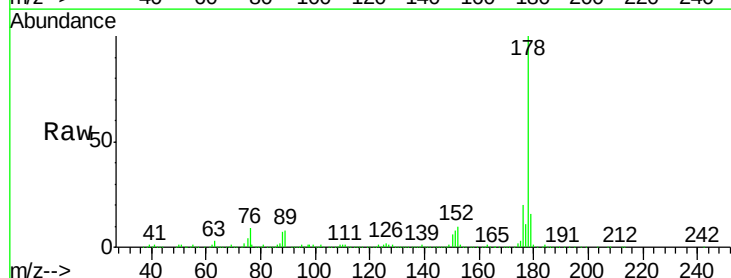


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

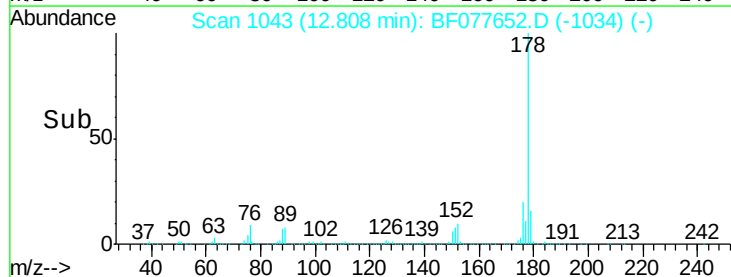
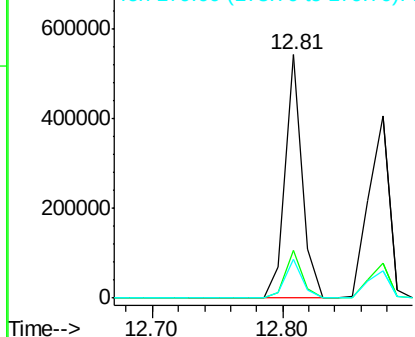


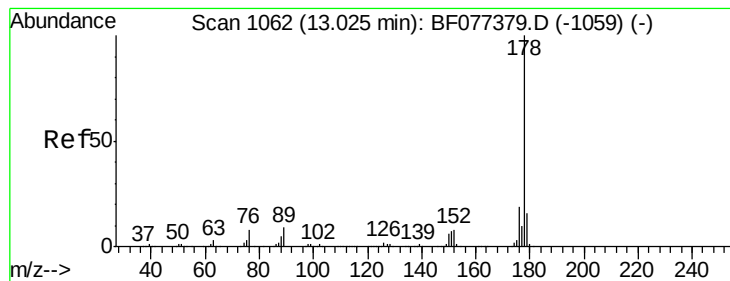
#70
 Phenanthrene
 Concen: 38.08 ng
 RT: 12.81 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF077652.D
 Acq: 9 Mar 2015 21:56

Tgt Ion:178 Resp: 497993
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.5 23.3
 179 15.8 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: 34.05 ng

RT: 12.87 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BF077652.D

Acq: 9 Mar 2015 21:56

Instrument :

BNA_F

ClientSampleId :

SEP4MSD

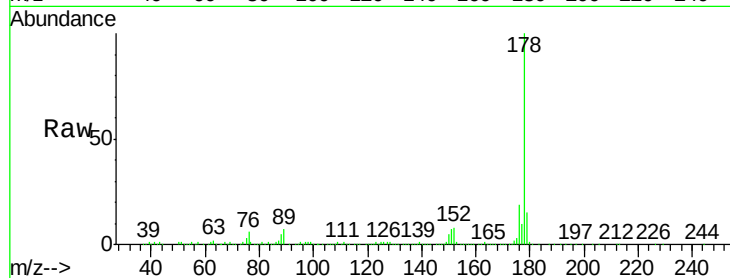
Tot Ion:178 Resp: 441897

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.0

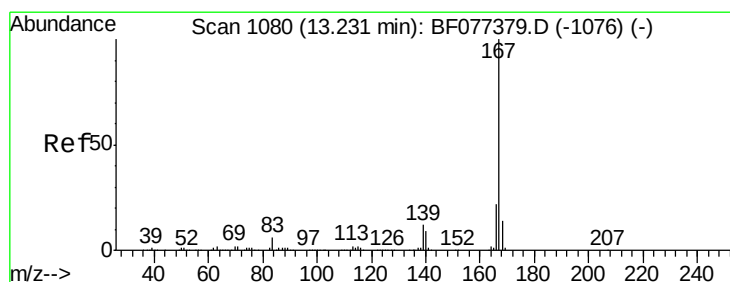
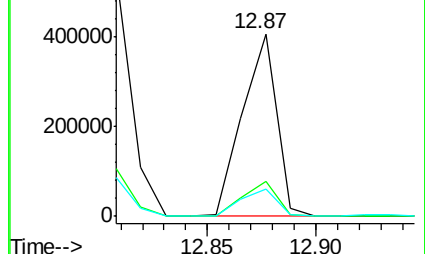
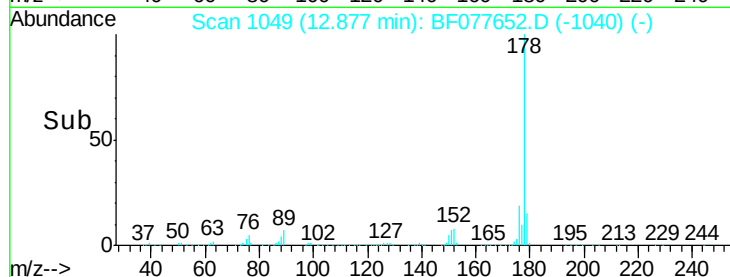
179 15.1 12.9 19.3



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: 32.91 ng

RT: 13.08 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BF077652.D

Acq: 9 Mar 2015 21:56

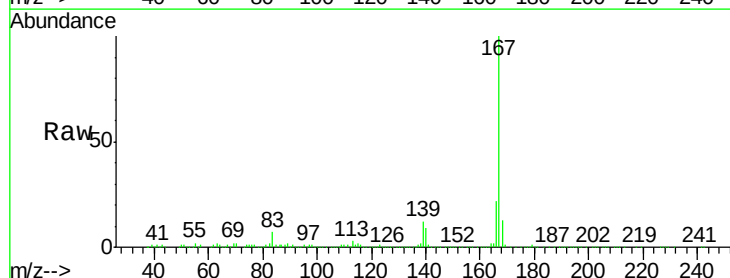
Tgt Ion:167 Resp: 406127

Ion Ratio Lower Upper

167 100

166 21.8 17.6 26.4

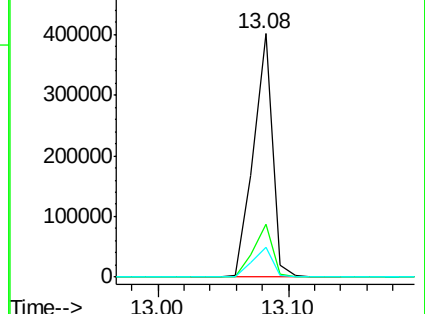
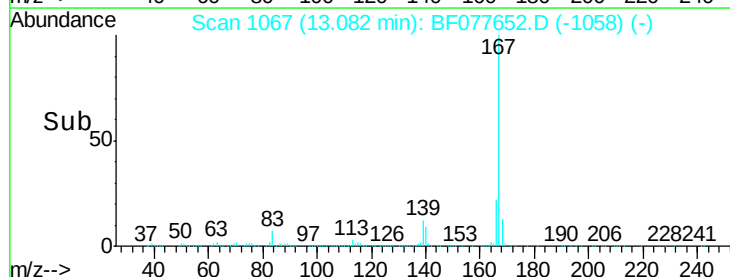
139 12.1 9.9 14.9

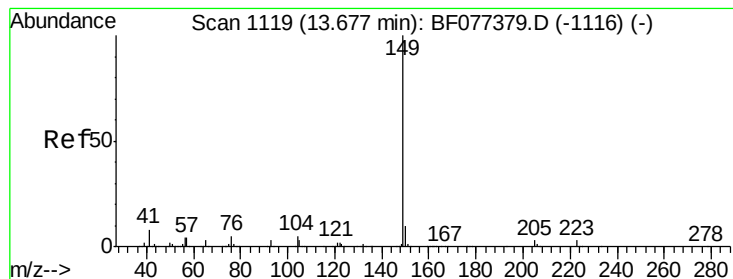


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 27.72 ng

RT: 13.53 min Scan# 1106

Delta R.T. 0.00 min

Lab File: BF077652.D

Acq: 9 Mar 2015 21:56

Instrument :

BNA_F

ClientSampleId :

SEP4MSD

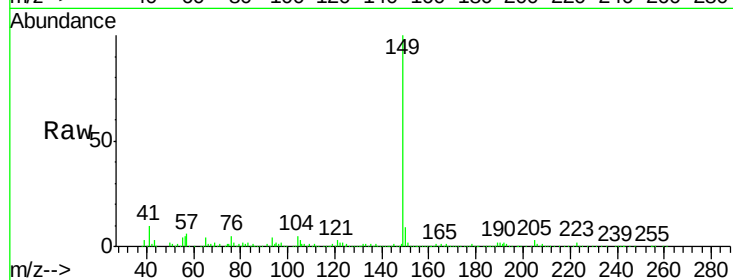
Tot Ion:149 Resp: 401572

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.8

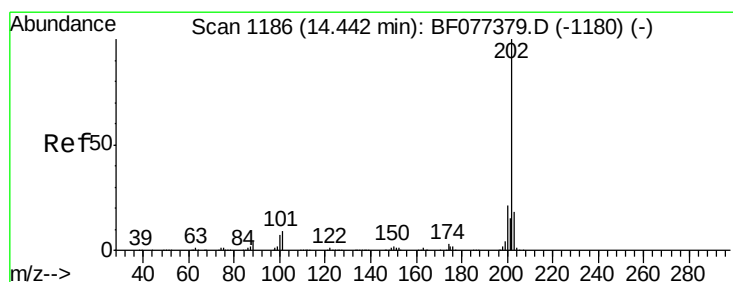
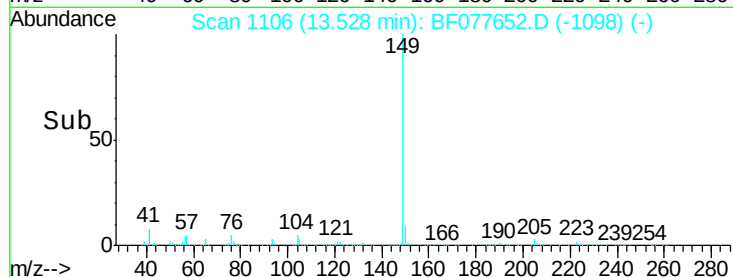
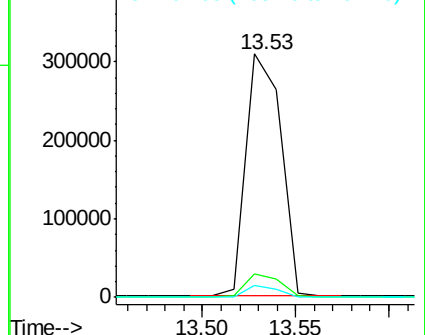
104 5.1 4.1 6.1



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: 37.56 ng

RT: 14.28 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF077652.D

Acq: 9 Mar 2015 21:56

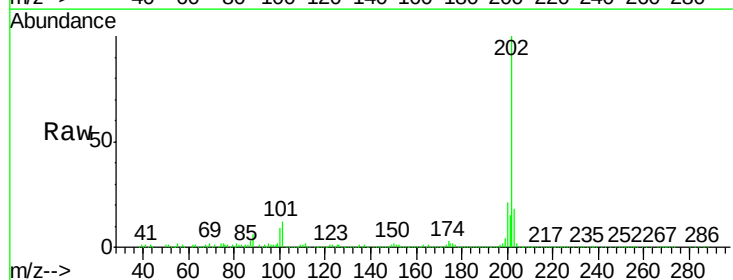
Tgt Ion:202 Resp: 536483

Ion Ratio Lower Upper

202 100

101 12.5 0.0 30.8

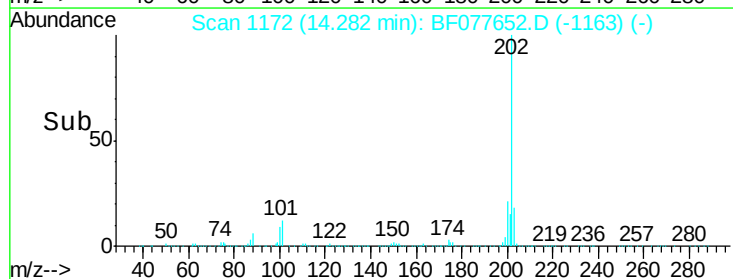
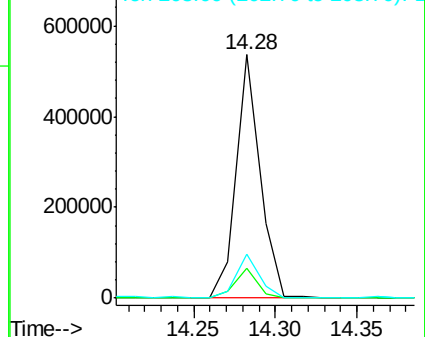
203 18.2 0.0 37.7

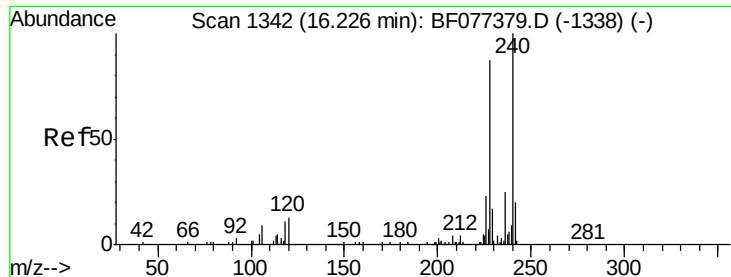


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF077652.D

Acq: 9 Mar 2015 21:56

Instrument :

BNA_F

ClientSampleId :

SEP4MSD

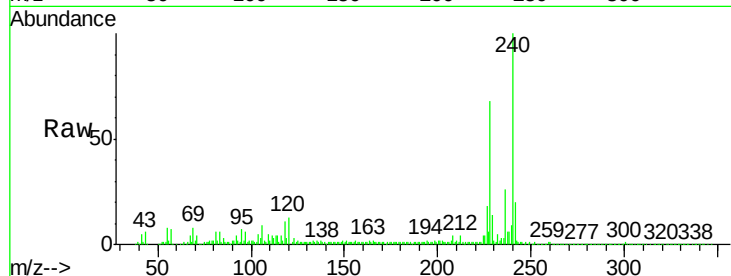
Tot Ion:240 Resp: 242786

Ion Ratio Lower Upper

240 100

120 13.0 8.8 13.2

236 26.3 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

300000

250000

200000

150000

100000

50000

0

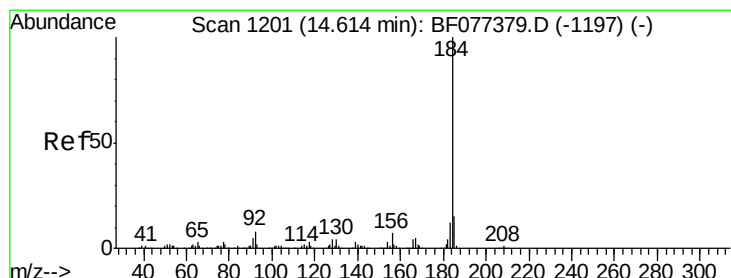
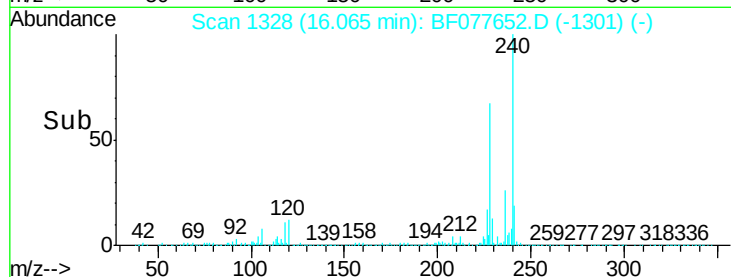
16.07

16.00

16.10

16.20

Time-->



#76

Benzidine

Concen: 24.36 ng

RT: 14.47 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BF077652.D

Acq: 9 Mar 2015 21:56

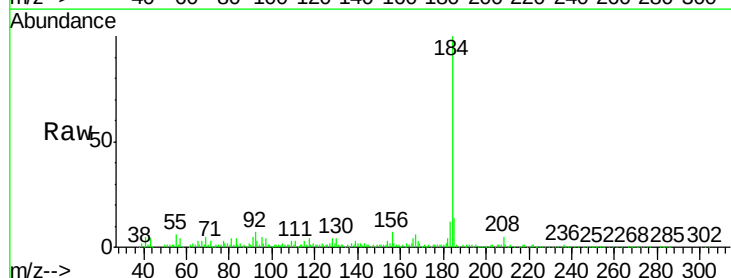
Tgt Ion:184 Resp: 199841

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

183 11.6 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

250000

200000

150000

100000

50000

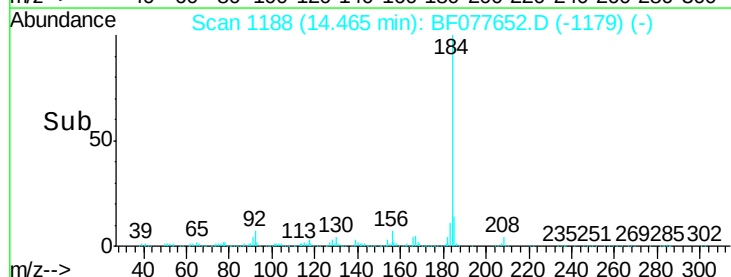
0

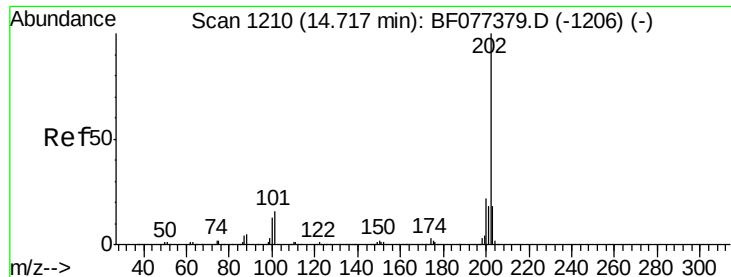
14.47

14.40

14.50

Time-->

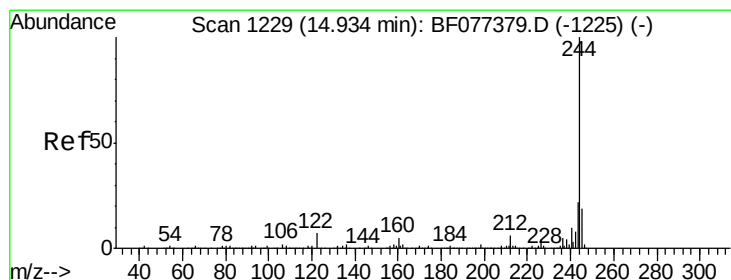
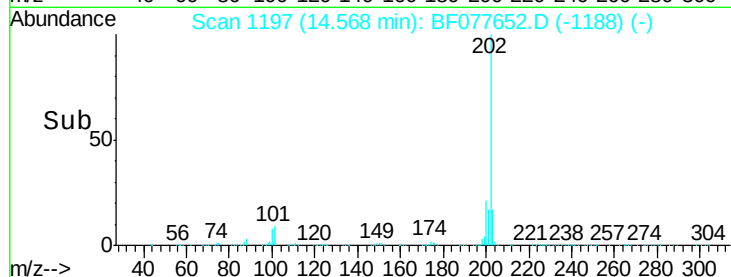
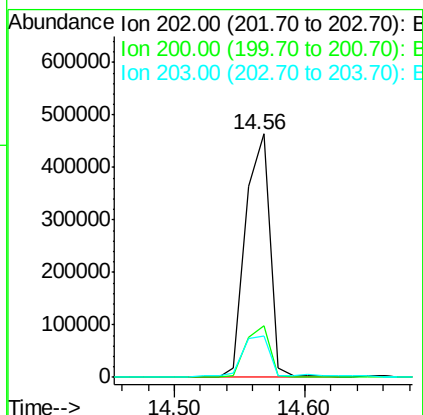
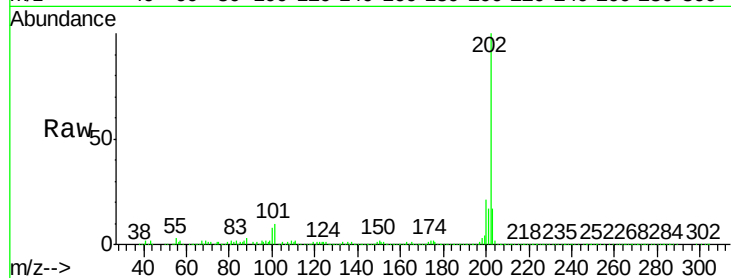




#77
Pvrene
Concen: 40.07 ng
RT: 14.56 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BF077652.D
Acq: 9 Mar 2015 21:56

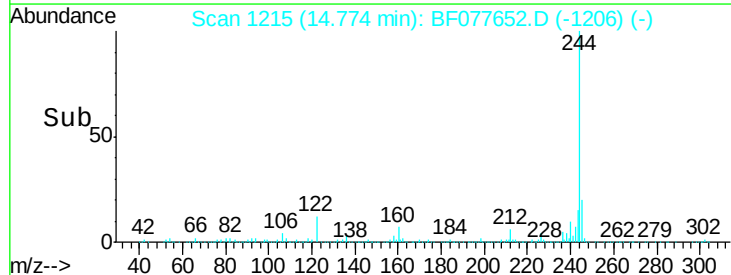
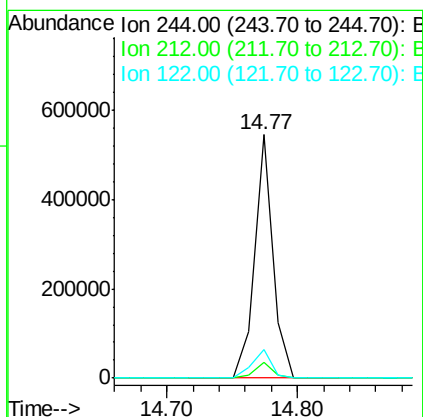
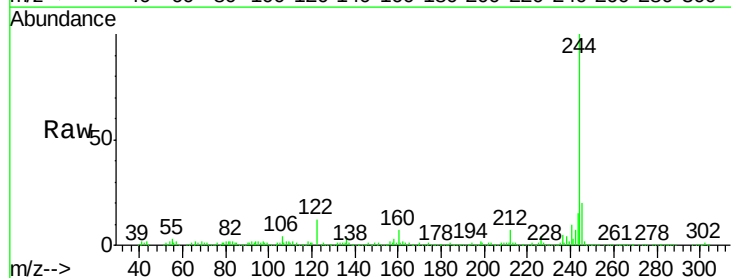
Instrument :
BNA_F
ClientSampleId :
SEP4MSD

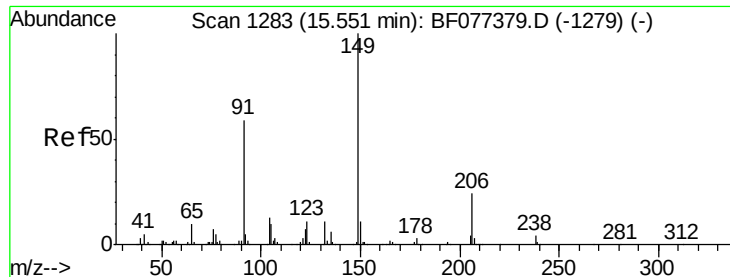
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.1	25.7
203	17.2	14.2	21.2



#78
Terphenyl-d14
Concen: 51.54 ng
RT: 14.77 min Scan# 1215
Delta R.T. 0.00 min
Lab File: BF077652.D
Acq: 9 Mar 2015 21:56

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.2	7.8
122	11.8	7.8	11.8#

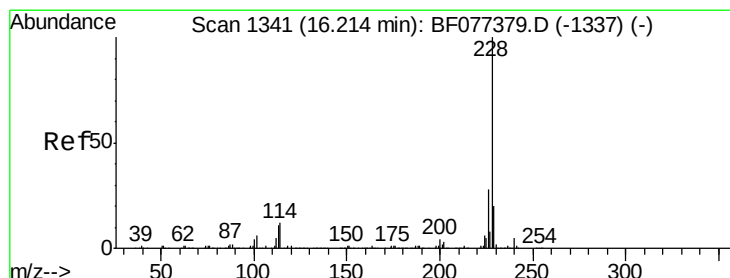
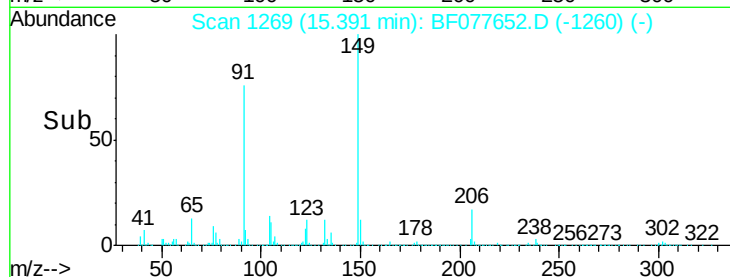
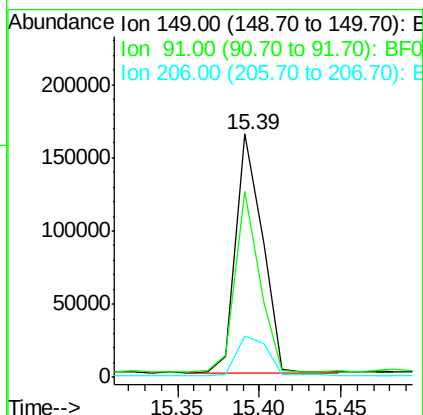
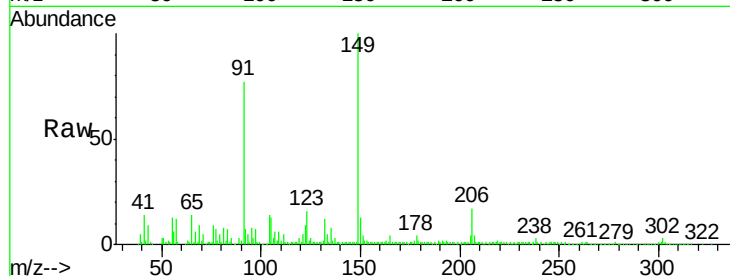




#79
Butylbenzylphthalate
Concen: 29.85 ng
RT: 15.39 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF077652.D
Acq: 9 Mar 2015 21:56

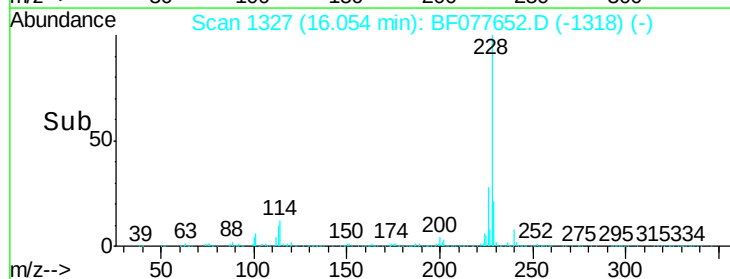
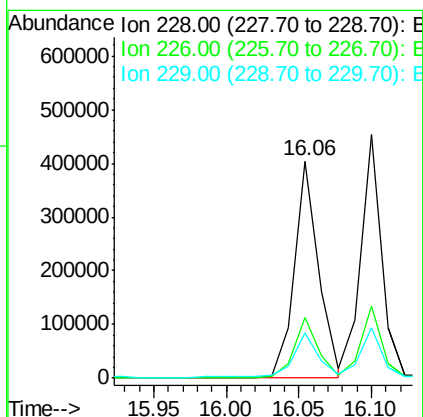
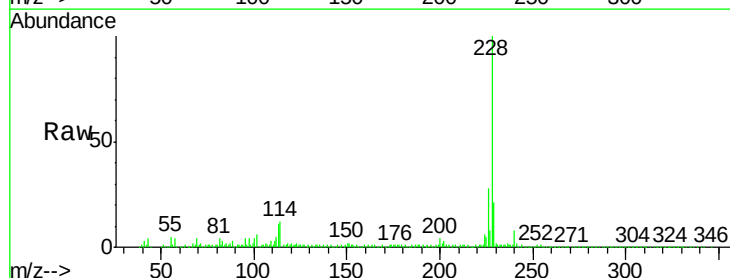
Instrument :
BNA_F
ClientSampleId :
SEP4MSD

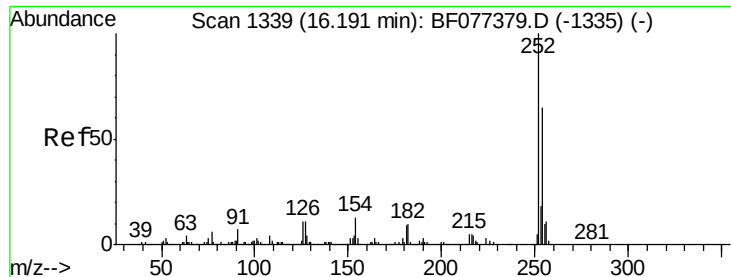
Tot Ion	Ratio	Lower	Upper
149	100		
91	76.6	51.2	76.8
206	17.2	17.8	26.8



#80
Benzo(a)anthracene
Concen: 32.61 ng
RT: 16.06 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF077652.D
Acq: 9 Mar 2015 21:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.0	33.0
229	21.0	15.8	23.8

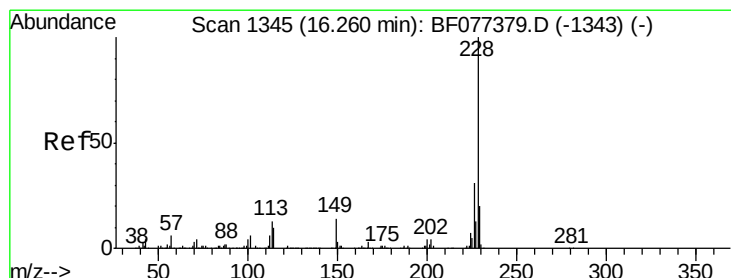
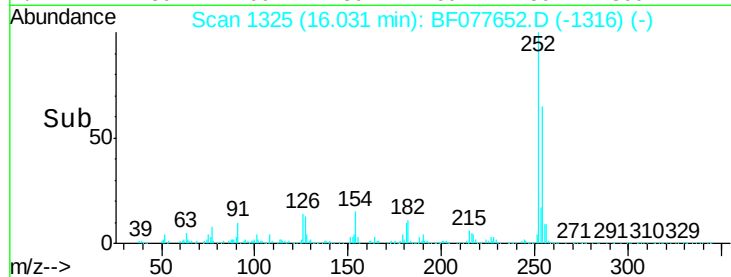
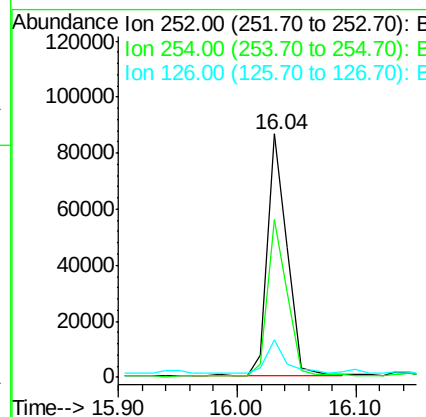
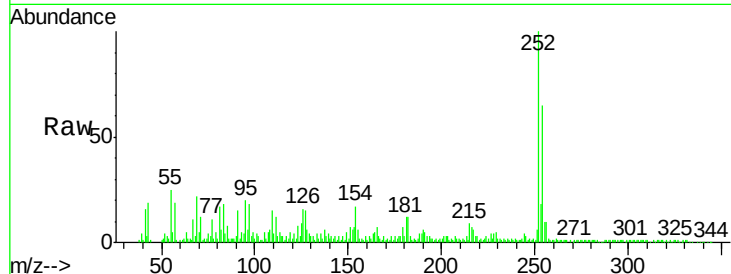




#81
 3,3'-Dichlorobenzidine
 Concen: 19.09 ng
 RT: 16.04 min Scan# 1325
 Delta R.T. 0.01 min
 Lab File: BF077652.D
 Acq: 9 Mar 2015 21:56

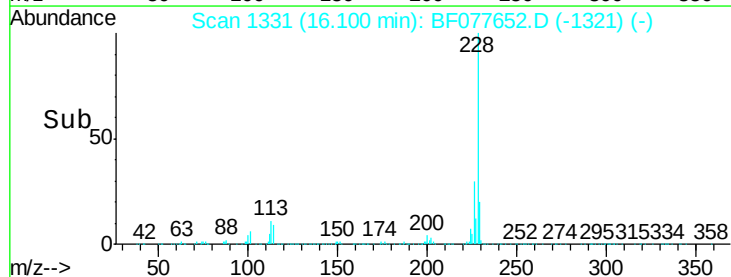
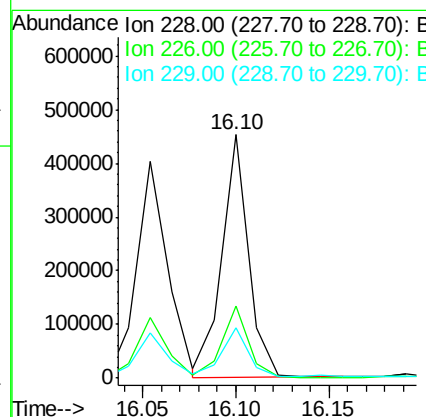
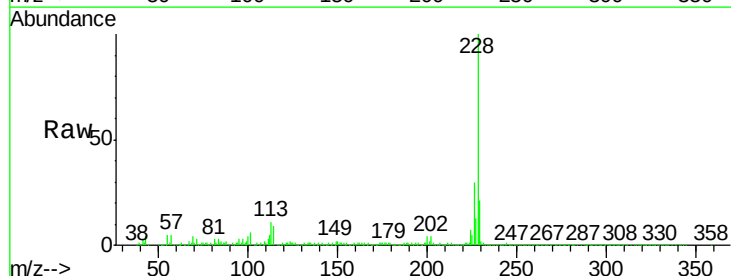
Instrument :
 BNA_F
 ClientSampleId :
 SEP4MSD

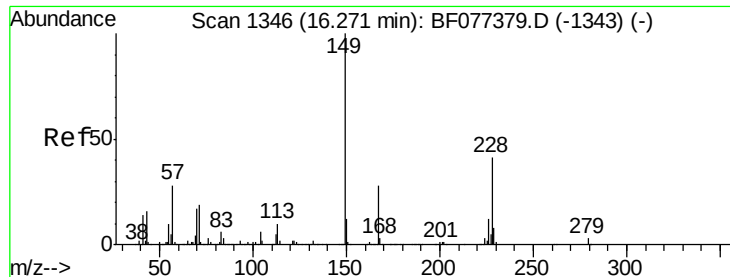
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.9	79.3
126	15.5	7.3	10.9



#82
 Chrysene
 Concen: 33.69 ng
 RT: 16.10 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: BF077652.D
 Acq: 9 Mar 2015 21:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.9	37.3
229	20.9	16.4	24.6

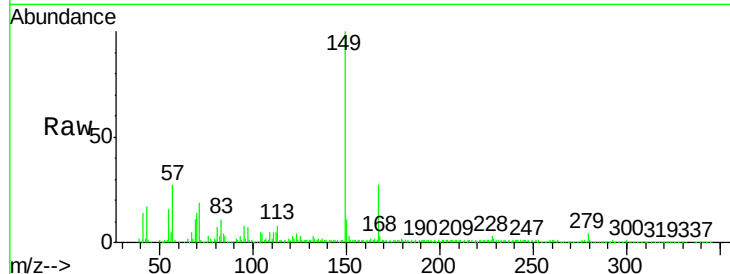




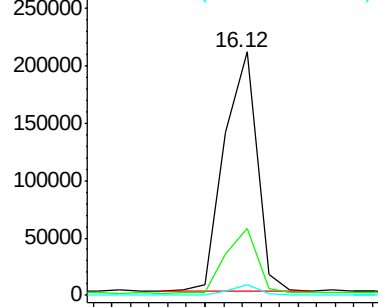
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 25.77 ng
 RT: 16.12 min Scan# 1333
 Delta R.T. 0.01 min
 Lab File: BF077652.D
 Acq: 9 Mar 2015 21:56

Instrument :
 BNA_F
 ClientSampleId :
 SEP4MSD

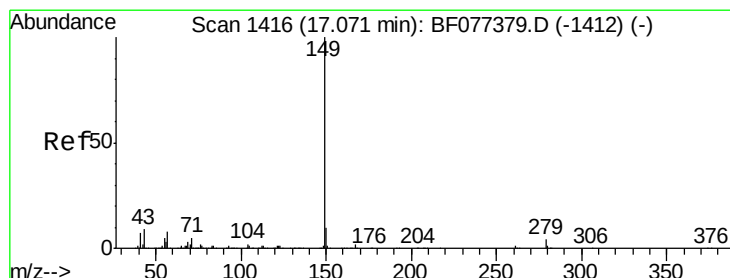
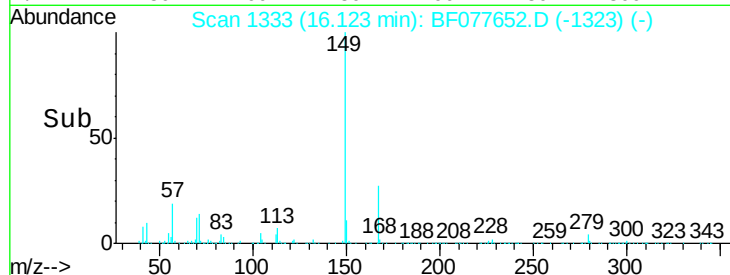
Tot Ion:149 Resp: 252468
 Ion Ratio Lower Upper
 149 100
 167 27.5 22.8 34.2
 279 4.2 3.8 5.6



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

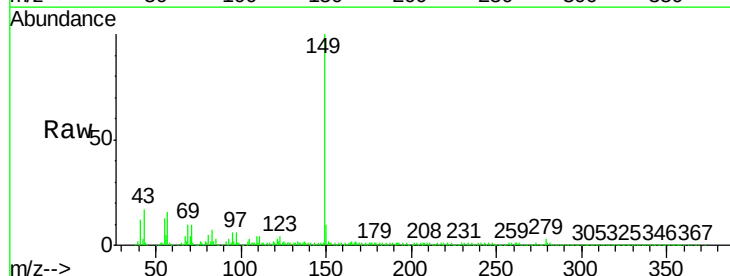


Time-->

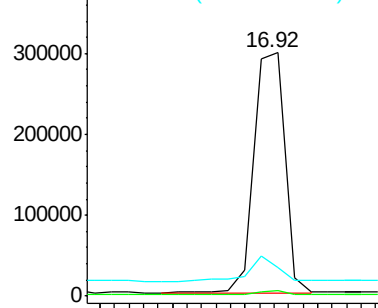


#84
 Di-n-octyl phthalate
 Concen: 26.71 ng
 RT: 16.92 min Scan# 1402
 Delta R.T. 0.04 min
 Lab File: BF077652.D
 Acq: 9 Mar 2015 21:56

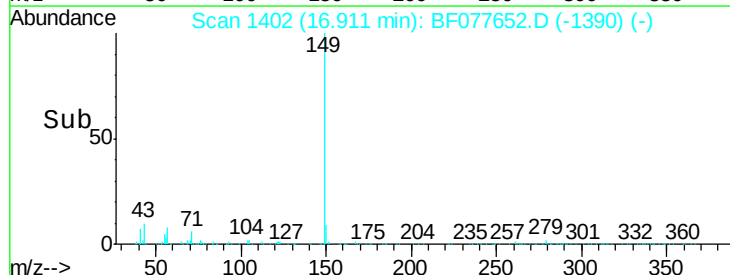
Tgt Ion:149 Resp: 436973
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 10.1 8.1 12.1

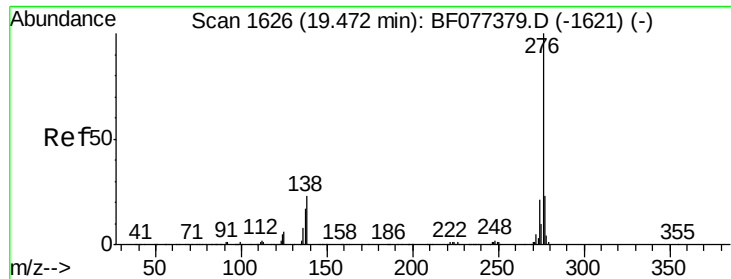


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0



Time-->

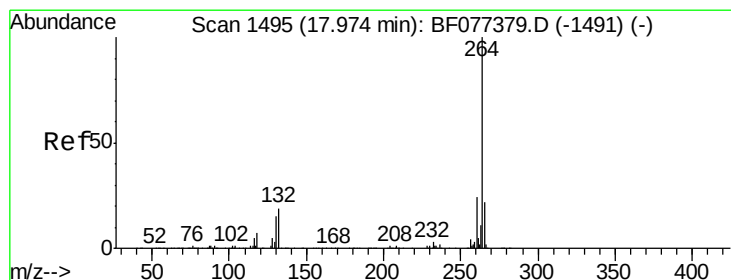
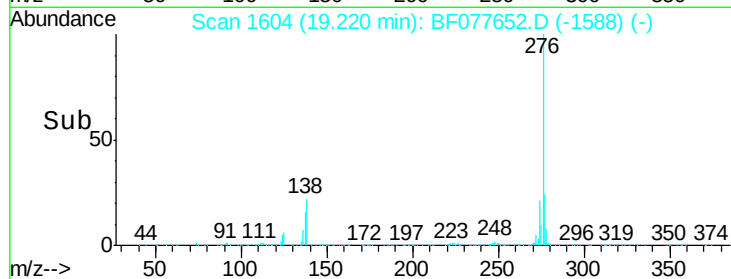
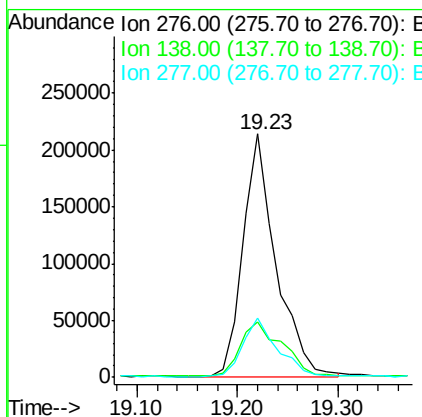
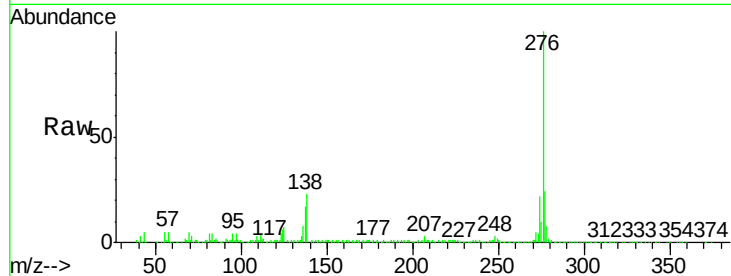




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 31.86 ng
 RT: 19.23 min Scan# 1604
 Delta R.T. 0.09 min
 Lab File: BF077652.D
 Acq: 9 Mar 2015 21:56

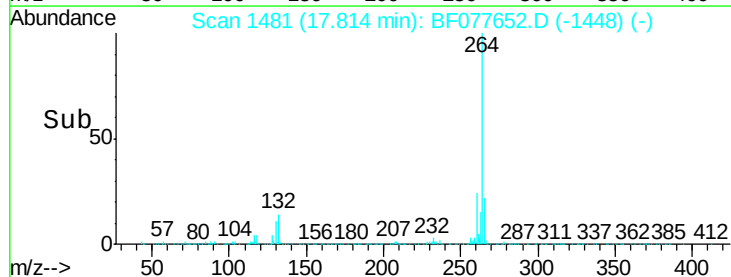
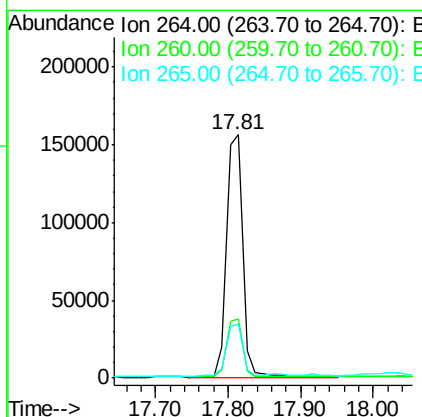
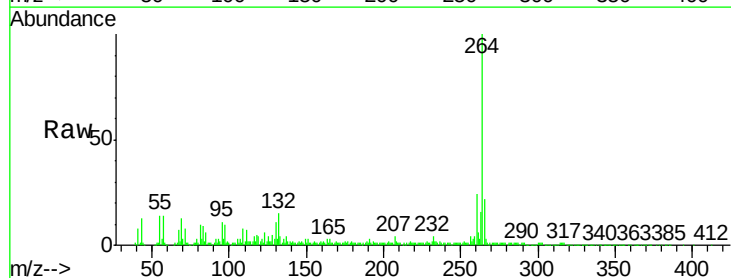
Instrument :
 BNA_F
 ClientSampleId :
 SEP4MSD

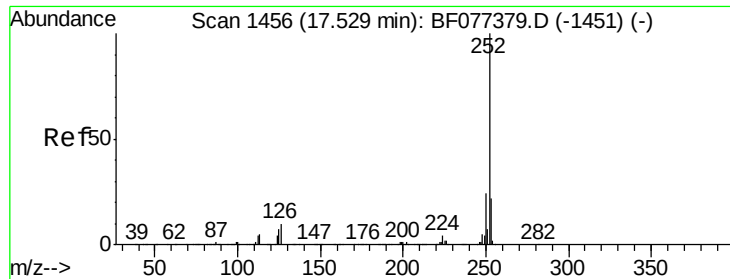
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.0	21.2	31.8
277	25.3	20.0	30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.81 min Scan# 1481
 Delta R.T. 0.08 min
 Lab File: BF077652.D
 Acq: 9 Mar 2015 21:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.3	28.9
265	22.3	16.8	25.2

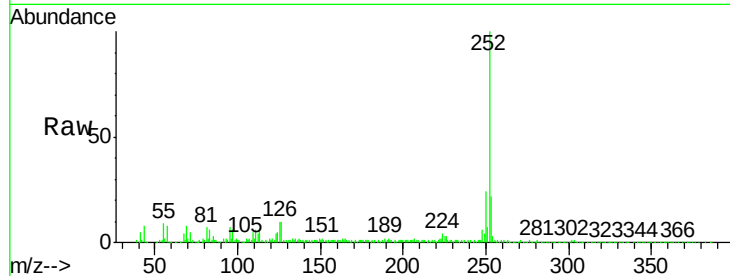




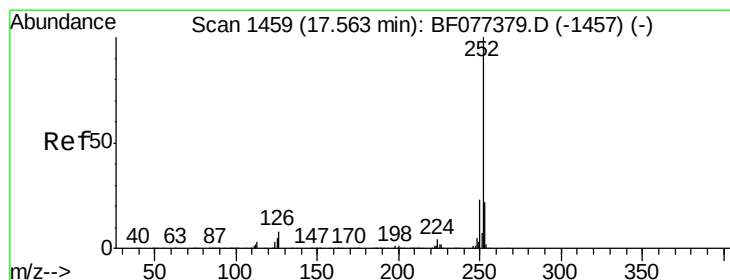
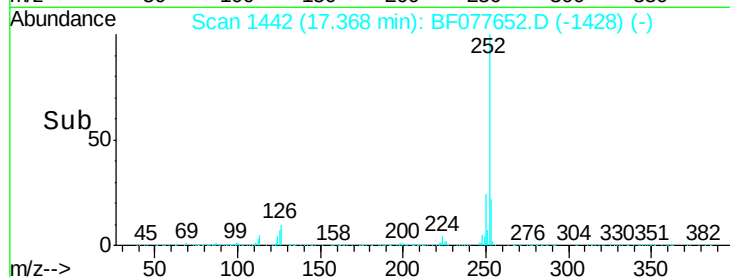
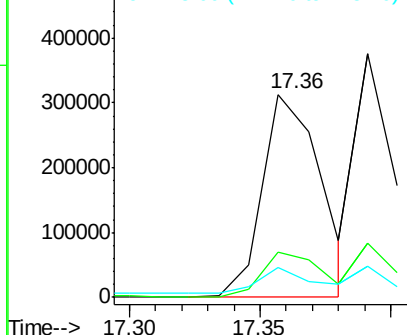
#87
Benzo(b)fluoranthene
Concen: 34.44 ng
RT: 17.36 min Scan# 1442
Delta R.T. 0.06 min
Lab File: BF077652.D
Acq: 9 Mar 2015 21:56

Instrument :
BNA_F
ClientSampleId :
SEP4MSD

Tot Ion:252 Resp: 482865
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 9.6 5.4 8.2#

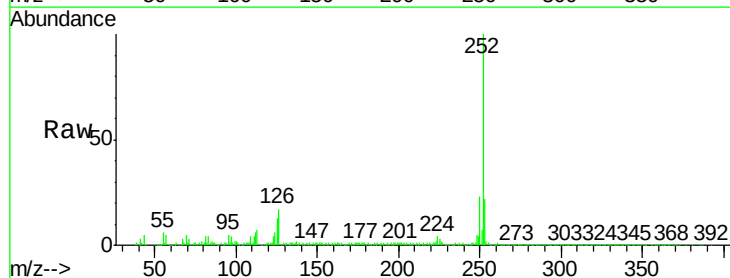


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

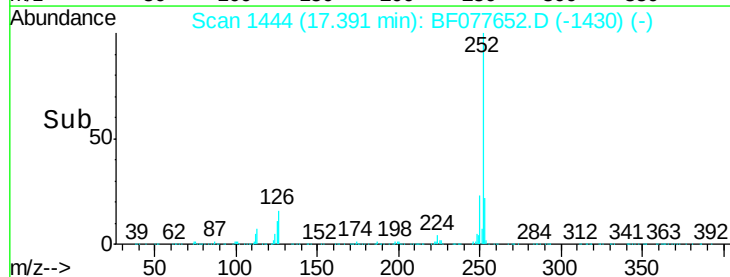
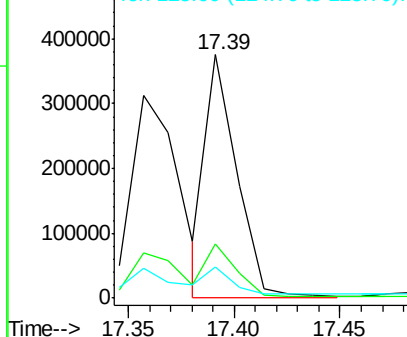


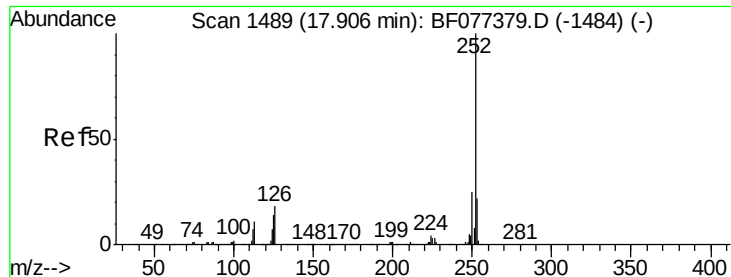
#88
Benzo(k)fluoranthene
Concen: 28.28 ng m
RT: 17.39 min Scan# 1444
Delta R.T. 0.06 min
Lab File: BF077652.D
Acq: 9 Mar 2015 21:56

Tgt Ion:252 Resp: 388627
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 12.8 10.1 15.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 32.95 ng

RT: 17.75 min Scan# 1475

Delta R.T. 0.08 min

Lab File: BF077652.D

Acq: 9 Mar 2015 21:56

Instrument :

BNA_F

ClientSampleId :

SEP4MSD

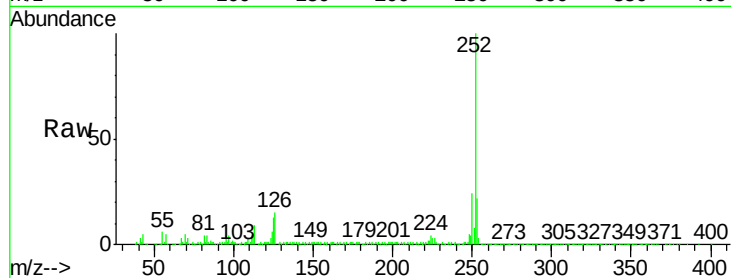
Tot Ion:252 Resp: 439959

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.2

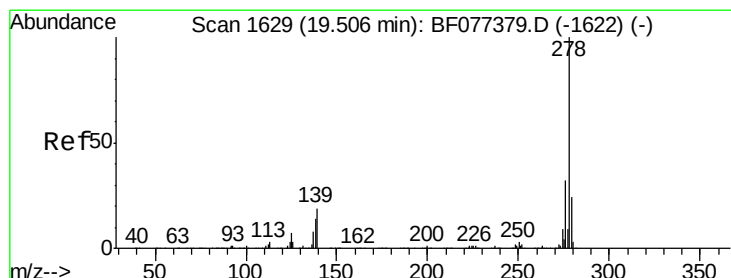
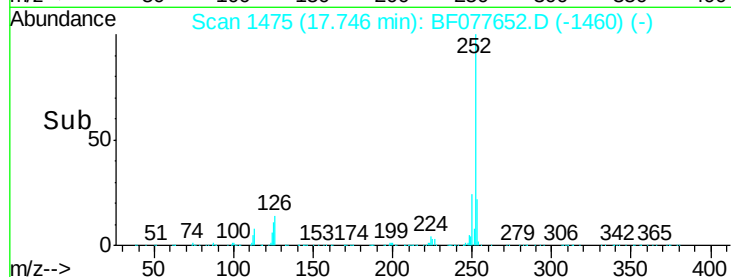
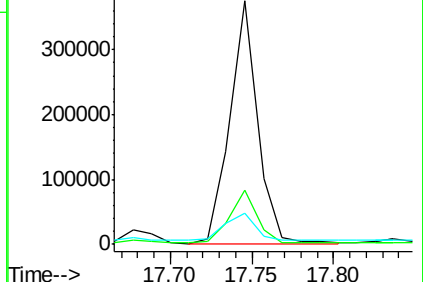
125 13.0 8.3 12.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 30.80 ng

RT: 19.25 min Scan# 1607

Delta R.T. 0.09 min

Lab File: BF077652.D

Acq: 9 Mar 2015 21:56

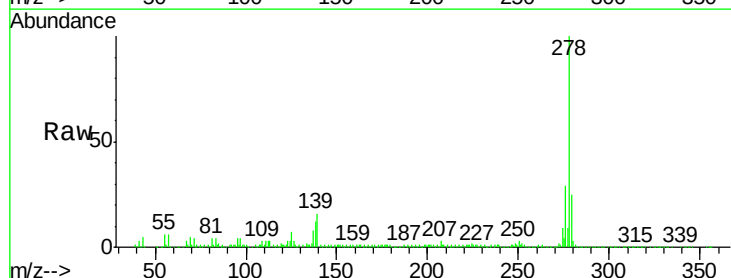
Tgt Ion:278 Resp: 392316

Ion Ratio Lower Upper

278 100

139 16.4 14.3 21.5

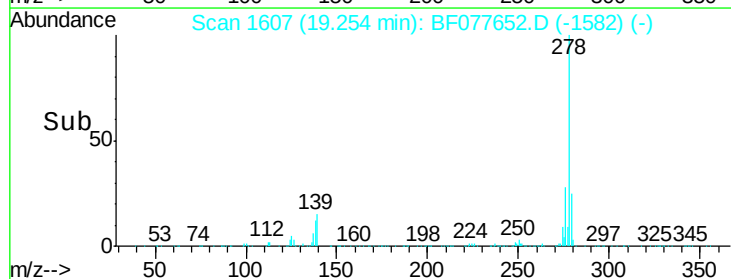
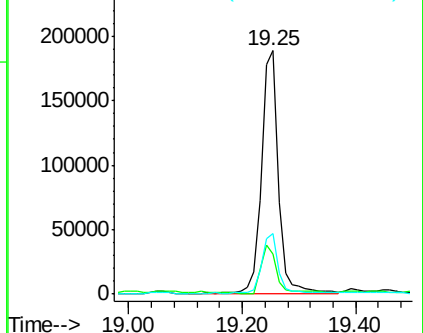
279 24.9 19.0 28.6

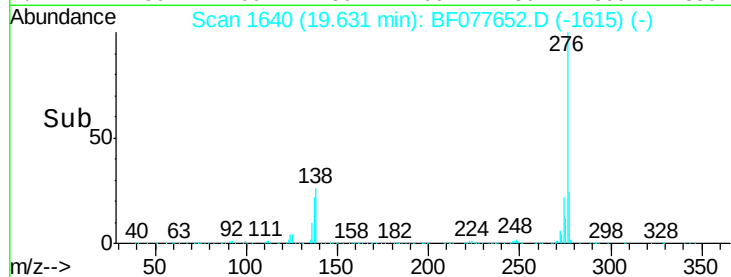
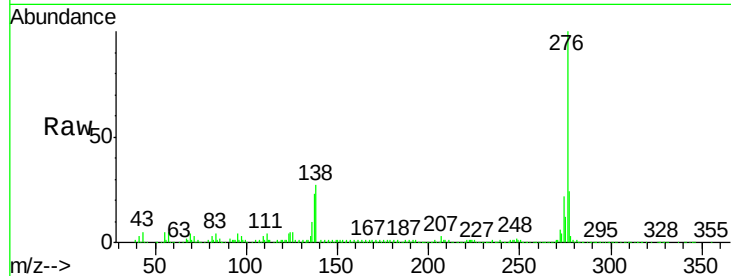
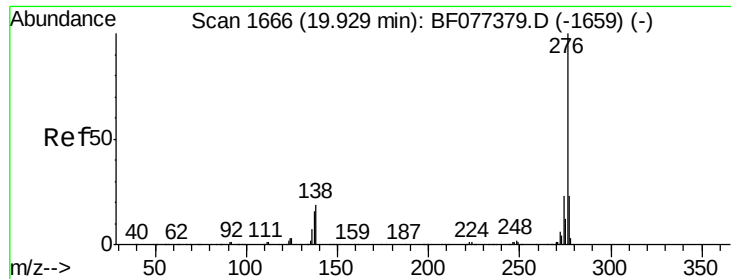


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 32.76 ng

RT: 19.64 min Scan# 1640

Delta R.T. 0.09 min

Lab File: BF077652.D

Acq: 9 Mar 2015 21:56

Instrument :

BNA_F

ClientSampleId :

SEP4MSD

Tot Ion: 276 Resp: 421099

Ion Ratio Lower Upper

276 100

277 23.9 18.9 28.3

138 26.7 20.5 30.7

