

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030915\
 Data File : BF077645.D
 Acq On : 9 Mar 2015 18:35
 Operator : TP/IZ
 Sample : PB82012BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82012BS

Quant Time: Mar 10 00:03:22 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	58794	20.00	ng	0.00
21) Naphthalene-d8	8.77	136	242919	20.00	ng	0.00
38) Acenaphthene-d10	10.94	164	120961	20.00	ng	0.00
63) Phenanthrene-d10	12.78	188	242419	20.00	ng	0.00
75) Chrysene-d12	16.07	240	263911	20.00	ng	0.01
86) Perylene-d12	17.87	264	257675	20.00	ng	0.13

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	411379	116.81	ng	0.00
7) Phenol-d6	6.76	99	524432	115.82	ng	0.00
23) Nitrobenzene-d5	7.88	82	286591	73.36	ng	0.00
41) 2,4,6-Tribromophenol	11.92	330	134780	115.72	ng	0.00
44) 2-Fluorobiphenyl	10.12	172	618416	79.72	ng	0.00
78) Terphenyl-d14	14.77	244	766844	67.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.11	88	47796	31.98	ng	94
3) Pyridine	2.85	79	124064	29.02	ng	92
4) n-Nitrosodimethylamine	2.75	42	66431	35.74	ng	88
6) Aniline	6.78	93	115436	18.45	ng	96
8) 2-Chlorophenol	6.92	128	155436	37.41	ng	94
9) Benzaldehyde	6.64	77	18405	6.69	ng	93
10) Phenol	6.77	94	195843	36.45	ng	82
11) bis(2-Chloroethyl)ether	6.88	93	136738	35.42	ng	97
12) 1,3-Dichlorobenzene	7.11	146	159544	35.27	ng	# 93
13) 1,4-Dichlorobenzene	7.21	146	156666	34.04	ng	96
14) 1,2-Dichlorobenzene	7.40	146	149778	34.21	ng	95
15) Benzyl Alcohol	7.38	79	121256	35.23	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.55	45	185550	33.62	ng	97
17) 2-Methylphenol	7.52	107	118124	36.38	ng	98
18) Hexachloroethane	7.81	117	56417	36.70	ng	# 86
19) n-Nitroso-di-n-propylamine	7.71	70	102220	35.55	ng	97
20) 3+4-Methylphenols	7.72	107	161229	37.70	ng	# 79
22) Acetophenone	7.70	105	202824	35.50	ng	# 88
24) Nitrobenzene	7.91	77	142847	34.76	ng	# 84
25) Isophorone	8.21	82	265370	34.24	ng	# 90
26) 2-Nitrophenol	8.30	139	70329	41.75	ng	90
27) 2,4-Dimethylphenol	8.37	122	130533	34.63	ng	96
28) bis(2-Chloroethoxy)methane	8.49	93	167080	34.13	ng	99
29) 2,4-Dichlorophenol	8.60	162	128585	36.35	ng	96
30) 1,2,4-Trichlorobenzene	8.70	180	134045	34.46	ng	97
31) Naphthalene	8.80	128	441495	36.34	ng	99
32) Benzoic acid	8.47	122	70233	38.35	ng	98
33) 4-Chloroaniline	8.87	127	100791	18.66	ng	99
34) Hexachlorobutadiene	8.95	225	72400	32.61	ng	99
35) Caprolactam	9.29	113	40573	37.57	ng	98
36) 4-Chloro-3-methylphenol	9.48	107	132447	37.24	ng	92
37) 2-Methylnaphthalene	9.65	142	302180	35.03	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.86	216	130577	37.62	ng	98
40) Hexachlorocyclopentadiene	9.85	237	130127	69.92	ng	97

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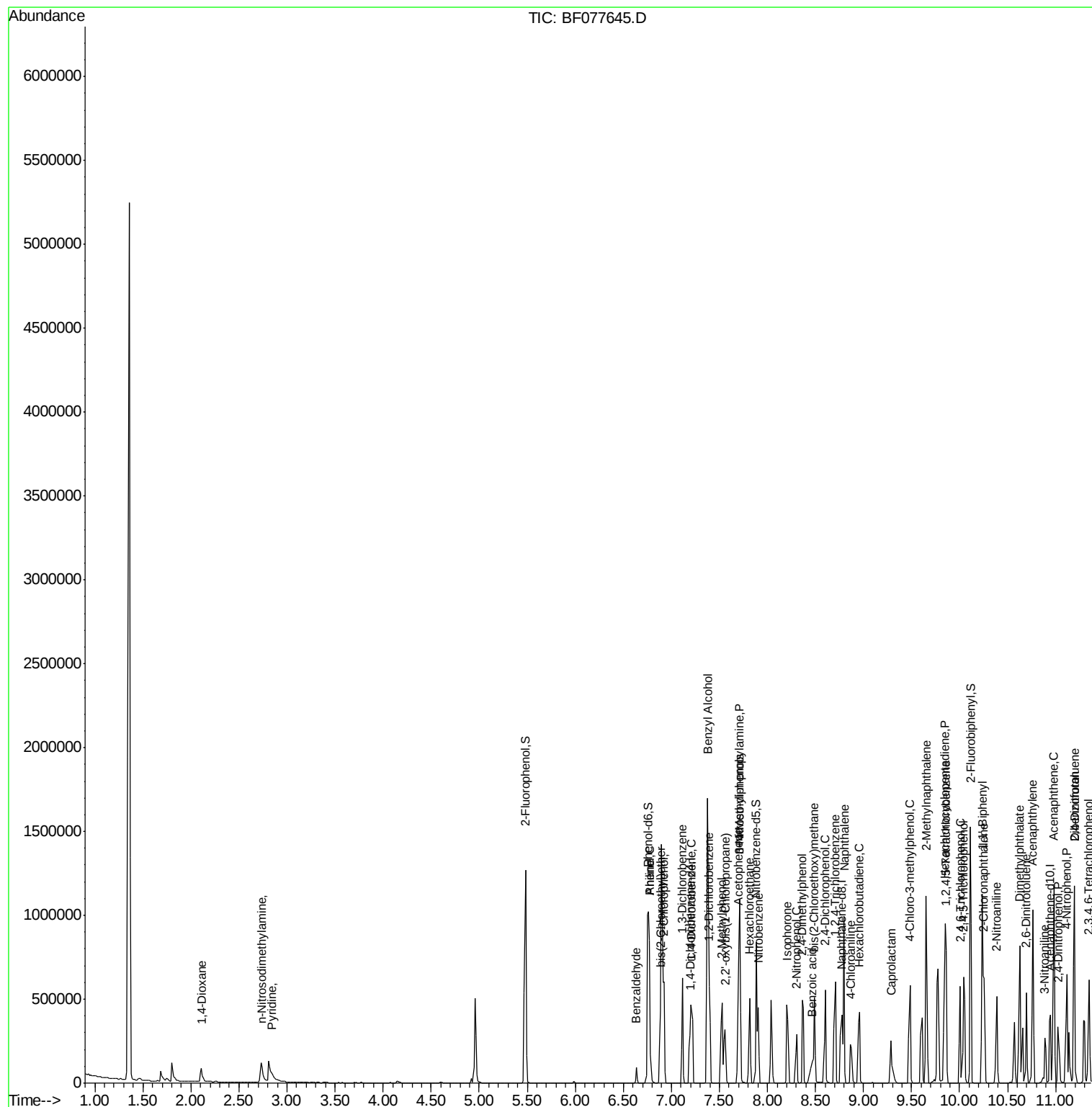
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.01	196	93701	40.77	ng	99
43) 2,4,5-Trichlorophenol	10.05	196	96755	39.37	ng	97
45) 1,1'-Biphenyl	10.24	154	351166	38.32	ng	98
46) 2-Chloronaphthalene	10.25	162	275390	38.32	ng	93
47) 2-Nitroaniline	10.38	65	79647	45.02	ng	# 83
48) Acenaphthylene	10.76	152	449864	39.54	ng	100
49) Dimethylphthalate	10.62	163	336988	39.63	ng	98
50) 2,6-Dinitrotoluene	10.70	165	71508	41.94	ng	# 62
51) Acenaphthene	10.98	154	255030	37.56	ng	99
52) 3-Nitroaniline	10.89	138	59632	30.33	ng	# 80
53) 2,4-Dinitrophenol	11.03	184	47455	91.46	ng	96
54) Dibenzofuran	11.20	168	409333	39.05	ng	100
55) 4-Nitrophenol	11.11	139	141241	89.32	ng	90
56) 2,4-Dinitrotoluene	11.19	165	93378	40.53	ng	# 55
57) Fluorene	11.62	166	334609	39.92	ng	98
58) 2,3,4,6-Tetrachlorophenol	11.35	232	79854	40.41	ng	95
59) Diethylphthalate	11.50	149	321079	38.30	ng	97
60) 4-Chlorophenyl-phenylether	11.63	204	151394	37.49	ng	99
61) 4-Nitroaniline	11.65	138	80784	42.87	ng	99
62) Azobenzene	11.82	77	315565	39.68	ng	99
64) 4,6-Dinitro-2-methylphenol	11.69	198	36219	38.26	ng	# 60
65) n-Nitrosodiphenylamine	11.78	169	295388	36.72	ng	99
66) 4-Bromophenyl-phenylether	12.23	248	93735	33.02	ng	96
67) Hexachlorobenzene	12.29	284	101259	33.23	ng	# 88
68) Atrazine	12.45	200	94210	36.03	ng	96
69) Pentachlorophenol	12.54	266	111170	69.42	ng	98
70) Phenanthrene	12.81	178	510832	36.36	ng	99
71) Anthracene	12.87	178	510765	36.63	ng	99
72) Carbazole	13.08	167	497235	37.51	ng	98
73) Di-n-butylphthalate	13.53	149	511615	32.86	ng	99
74) Fluoranthene	14.28	202	557906	36.35	ng	99
76) Benzidine	14.46	184	209268	23.47	ng	98
77) Pyrene	14.56	202	579321	35.89	ng	99
79) Butylbenzylphthalate	15.39	149	225748	33.99	ng	90
80) Benzo(a)anthracene	16.06	228	562430	36.36	ng	99
81) 3,3'-Dichlorobenzidine	16.04	252	127296	22.46	ng	99
82) Chrysene	16.11	228	506037	34.84	ng	97
83) Bis(2-ethylhexyl)phthalate	16.13	149	310918	29.19	ng	# 95
85) Indeno(1,2,3-cd)pyrene	19.29	276	519976	31.40	ng	95
87) Benzo(b)fluoranthene	17.40	252	527663	35.21	ng	# 98
88) Benzo(k)fluoranthene	17.40	252	234162	15.95	ng	# 96
89) Benzo(a)pyrene	17.80	252	519531	36.41	ng	99
90) Dibenzo(a,h)anthracene	19.32	278	498592	36.63	ng	98
91) Benzo(g,h,i)perylene	19.70	276	501070	36.48	ng	97

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

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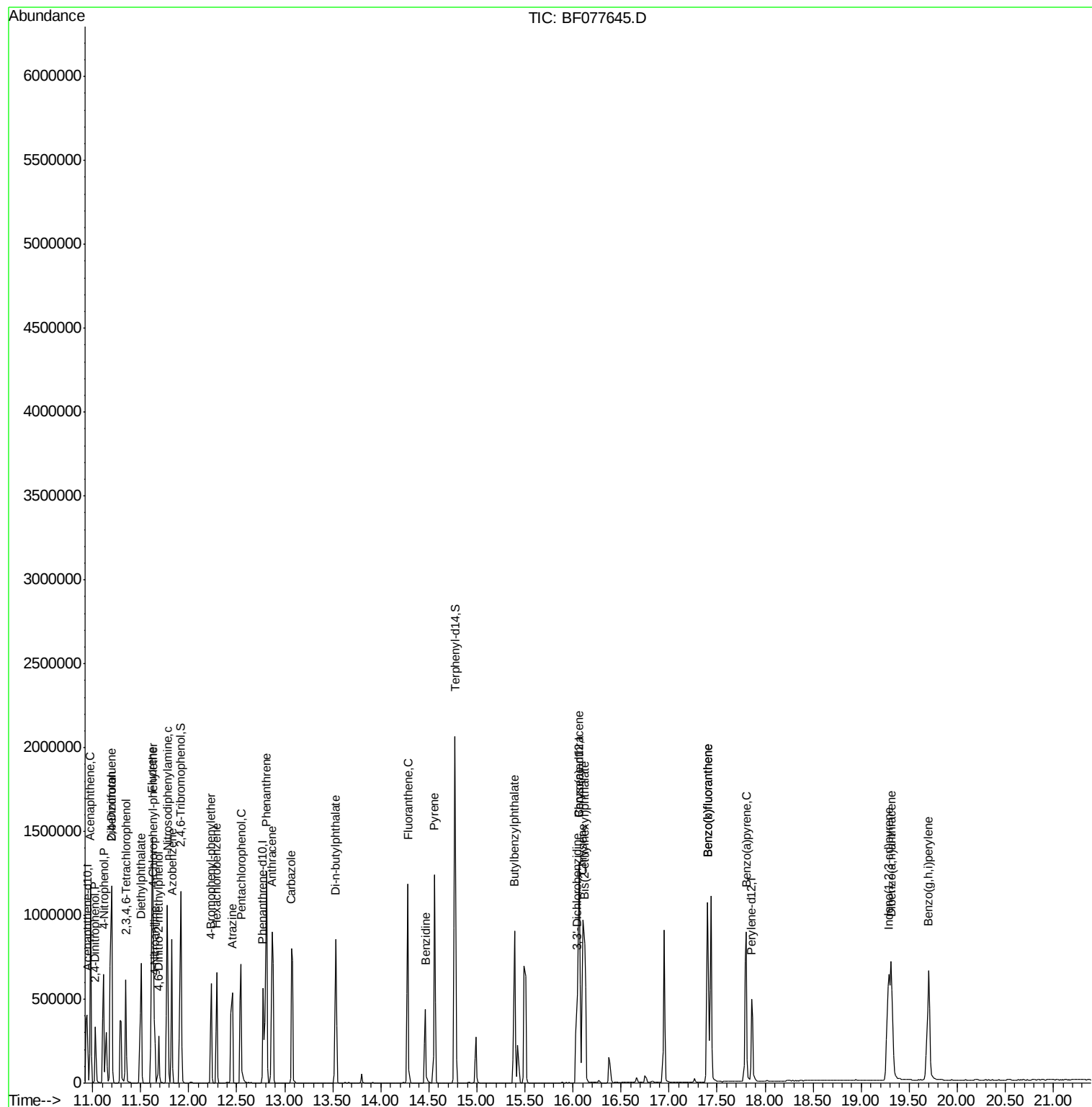
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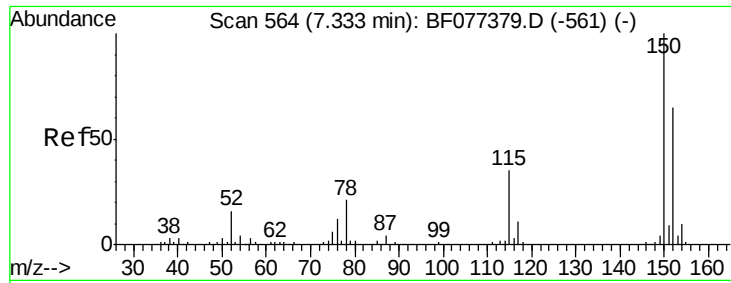


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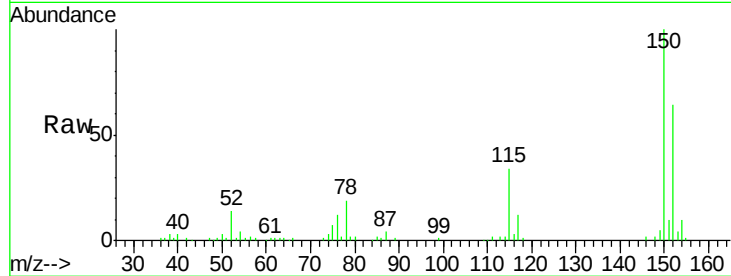


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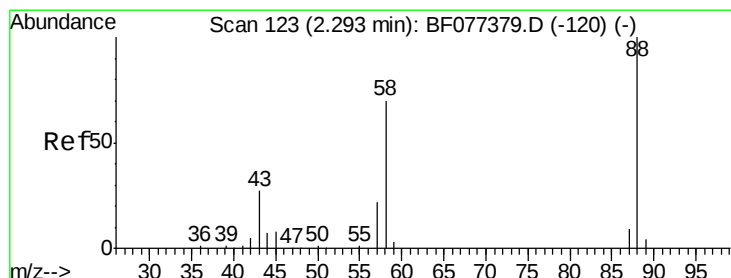
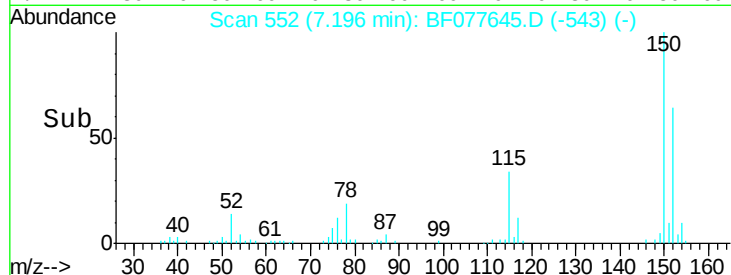
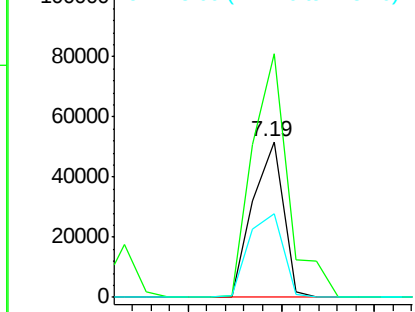
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.19 min Scan# 552
Delta R.T. -0.00 min
Lab File: BF077645.D
Acq: 9 Mar 2015 18:35

Instrument :
BNA_F
ClientSampleId :
PB82012BS

Tgt Ion:152 Resp: 58794
Ion Ratio Lower Upper
152 100
150 156.7 124.0 186.0
115 53.6 49.4 74.2



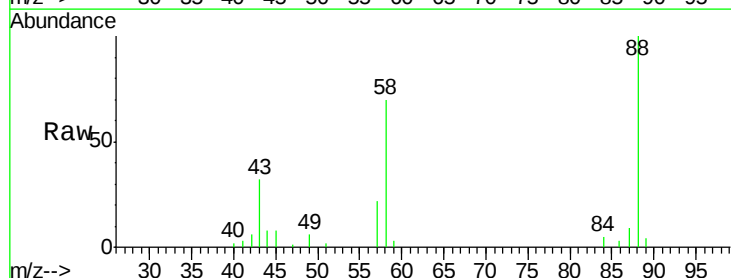
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



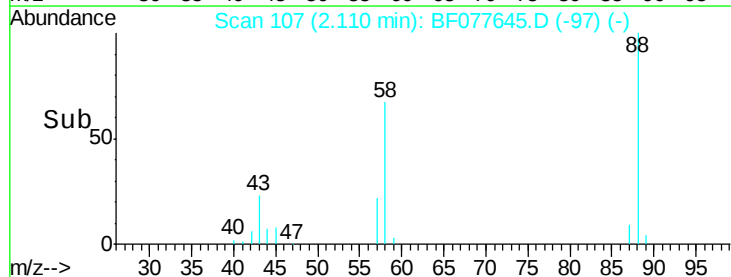
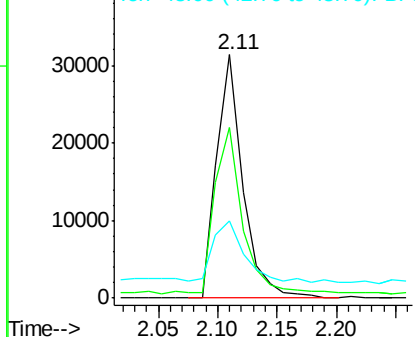
#2

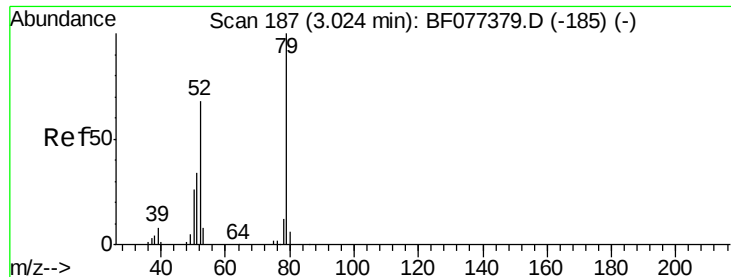
1,4-Dioxane
Concen: 31.98 ng
RT: 2.11 min Scan# 107
Delta R.T. 0.02 min
Lab File: BF077645.D
Acq: 9 Mar 2015 18:35

Tgt Ion: 88 Resp: 47796
Ion Ratio Lower Upper
88 100
58 70.2 62.1 93.1
43 29.4 24.0 36.0



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





#3

Pyridine

Concen: 29.02 ng

RT: 2.85 min Scan# 172

Delta R.T. 0.05 min

Lab File: BF077645.D

Acq: 9 Mar 2015 18:35

Instrument :

BNA_F

ClientSampleId :

PB82012BS

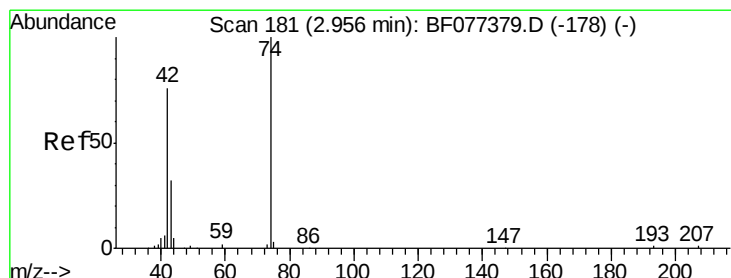
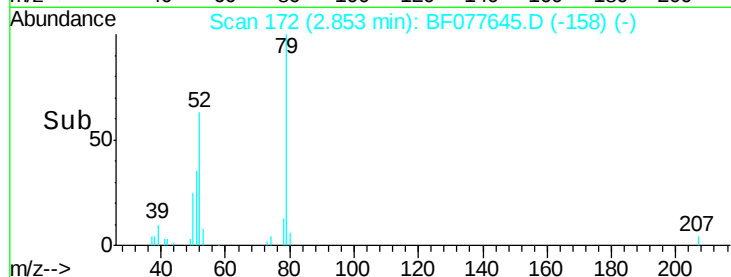
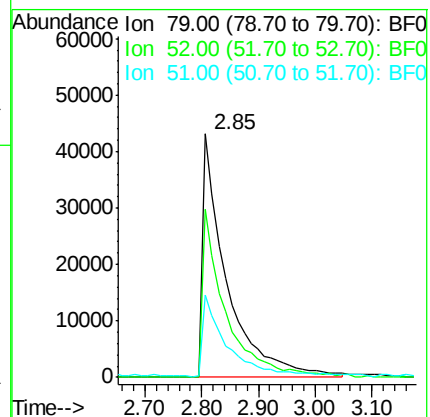
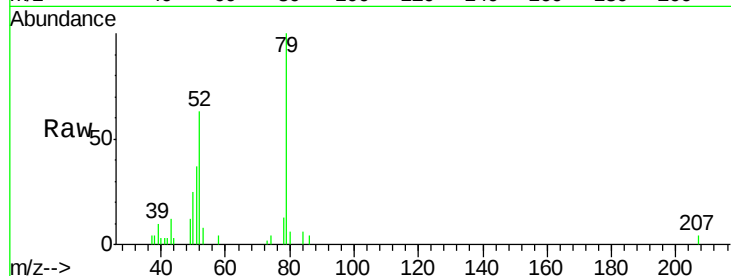
Tgt Ion: 79 Resp: 124064

Ion Ratio Lower Upper

79 100

52 63.4 57.7 86.5

51 37.4 28.5 42.7



#4

n-Nitrosodimethylamine

Concen: 35.74 ng

RT: 2.75 min Scan# 163

Delta R.T. 0.02 min

Lab File: BF077645.D

Acq: 9 Mar 2015 18:35

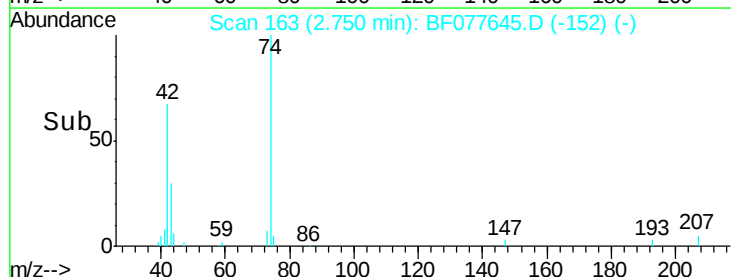
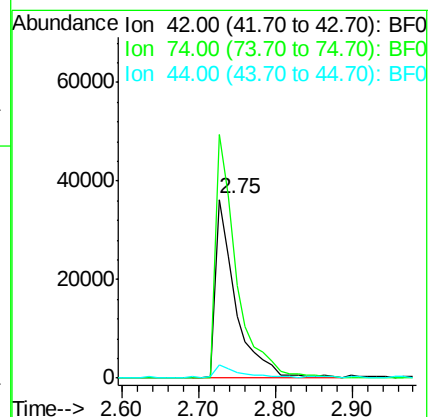
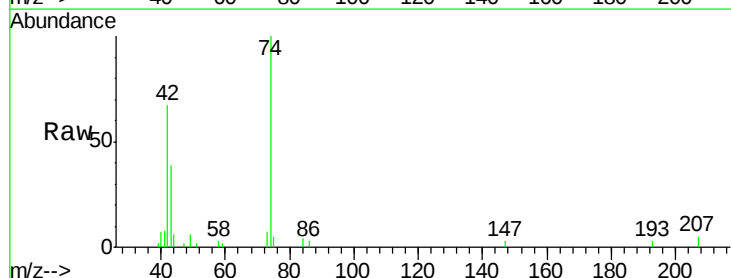
Tgt Ion: 42 Resp: 66431

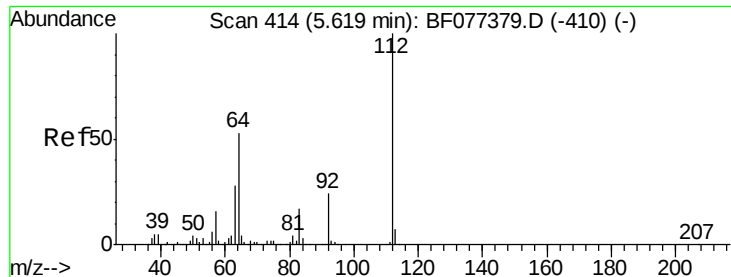
Ion Ratio Lower Upper

42 100

74 148.6 107.1 160.7

44 9.3 6.7 10.1





#5

2-Fluorophenol

Concen: 116.81 ng

RT: 5.48 min Scan# 402

Delta R.T. -0.00 min

Lab File: BF077645.D

Acq: 9 Mar 2015 18:35

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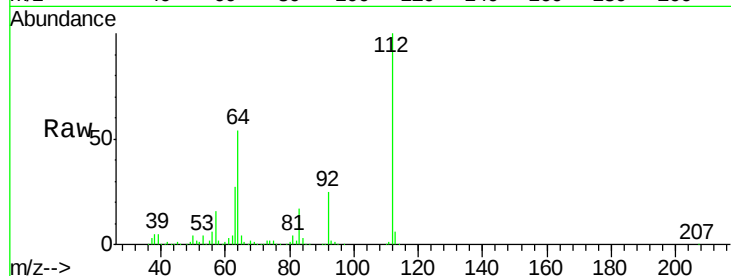
Tgt Ion: 112 Resp: 411379

Ion Ratio Lower Upper

112 100

64 53.6 48.5 72.7

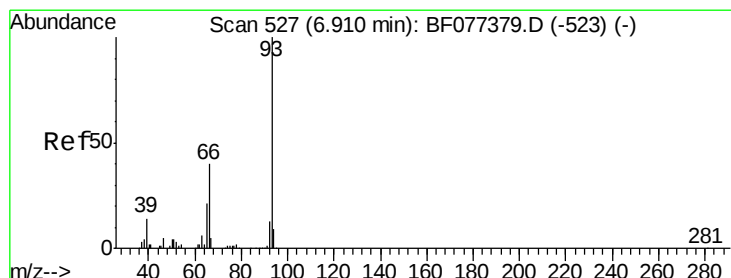
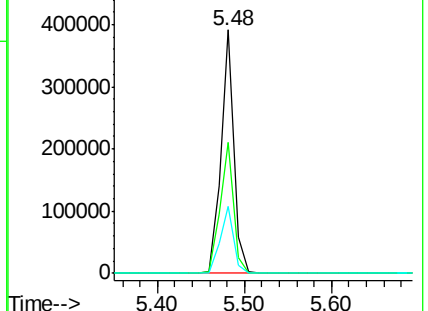
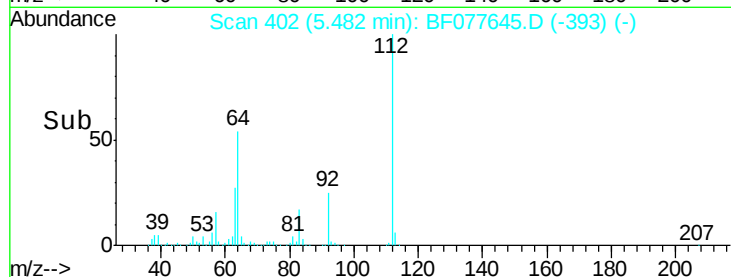
63 27.4 25.0 37.4



Abundance Ion 112.00 (111.70 to 112.70): BF077379.D (-410) (-)

Ion 64.00 (63.70 to 64.70): BF077379.D (-410) (-)

Ion 63.00 (62.70 to 63.70): BF077379.D (-410) (-)



#6

Aniline

Concen: 18.45 ng

RT: 6.78 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF077645.D

Acq: 9 Mar 2015 18:35

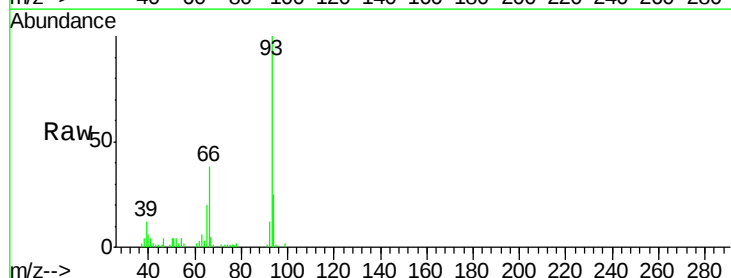
Tgt Ion: 93 Resp: 115436

Ion Ratio Lower Upper

93 100

66 38.1 29.1 43.7

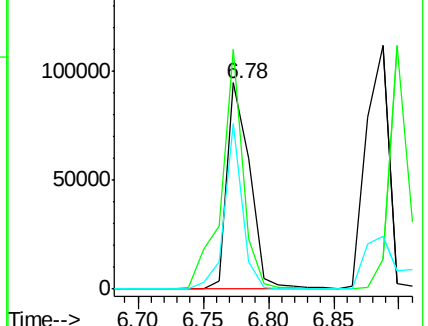
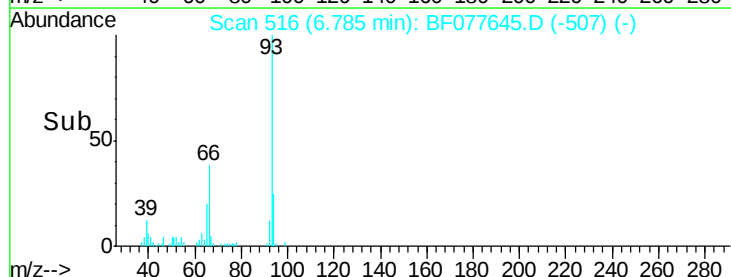
65 20.4 14.6 22.0

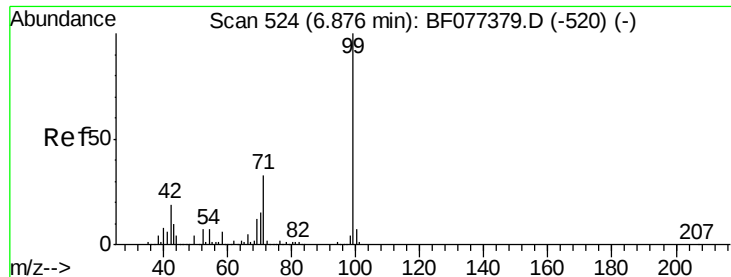


Abundance Ion 93.00 (92.70 to 93.70): BF077379.D (-523) (-)

Ion 66.00 (65.70 to 66.70): BF077379.D (-523) (-)

Ion 65.00 (64.70 to 65.70): BF077379.D (-523) (-)





#7

Phenol-d6

Concen: 115.82 ng

RT: 6.76 min Scan# 514

Delta R.T. -0.00 min

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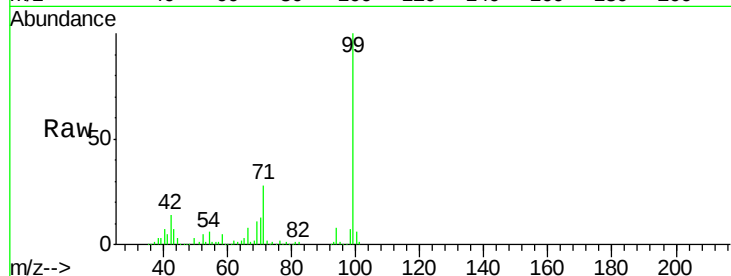
Tgt Ion: 99 Resp: 524432

Ion Ratio Lower Upper

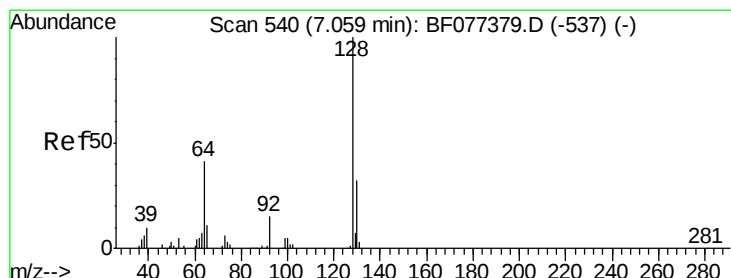
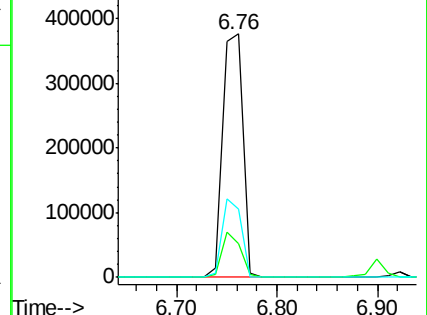
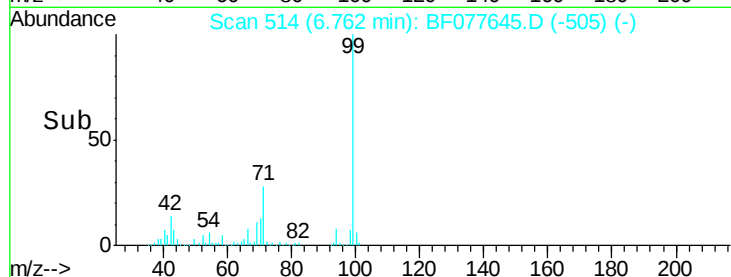
99 100

42 13.6 16.2 24.4#

71 28.2 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: 37.41 ng

RT: 6.92 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF077645.D

Acq: 9 Mar 2015 18:35

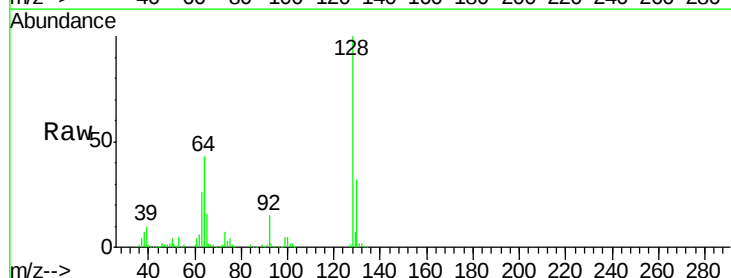
Tgt Ion: 128 Resp: 155436

Ion Ratio Lower Upper

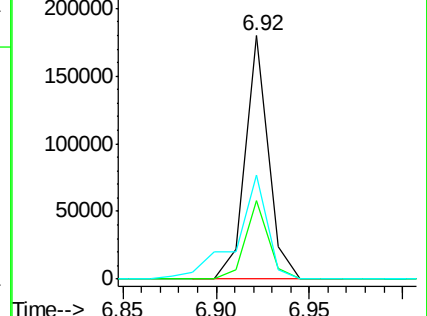
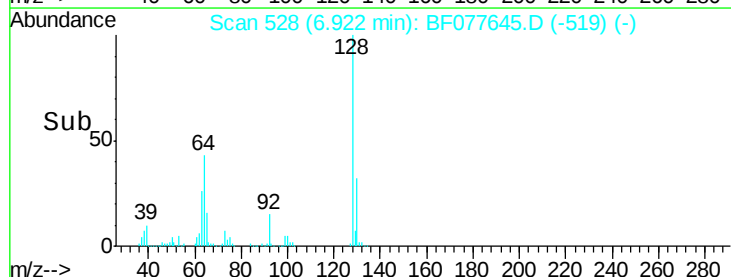
128 100

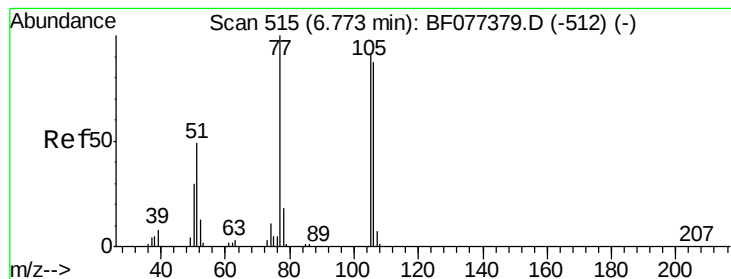
130 32.2 12.0 52.0

64 42.5 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: 6.69 ng

RT: 6.64 min Scan# 503

Delta R.T. -0.00 min

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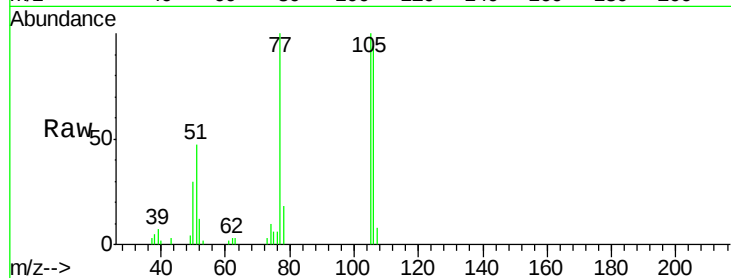
Tgt Ion: 77 Resp: 18405

Ion Ratio Lower Upper

77 100

105 100.1 85.9 125.9

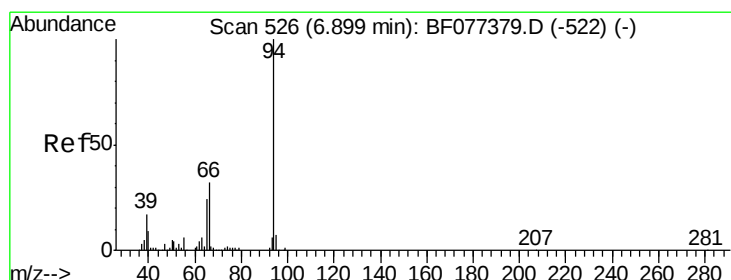
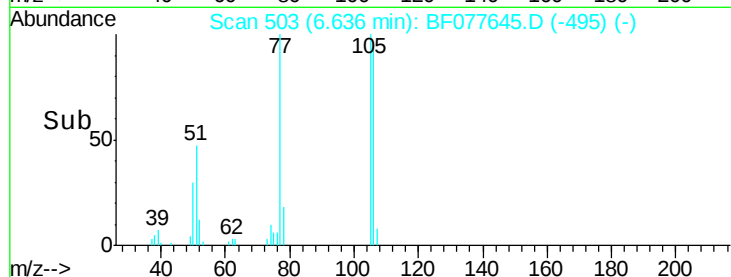
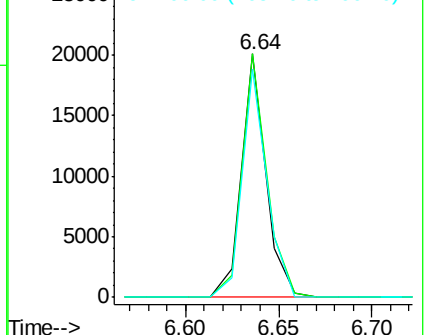
106 94.0 82.9 122.9



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 36.45 ng

RT: 6.77 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF077645.D

Acq: 9 Mar 2015 18:35

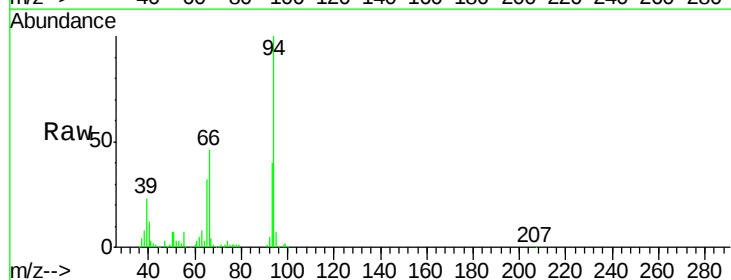
Tgt Ion: 94 Resp: 195843

Ion Ratio Lower Upper

94 100

65 31.9 5.7 45.7

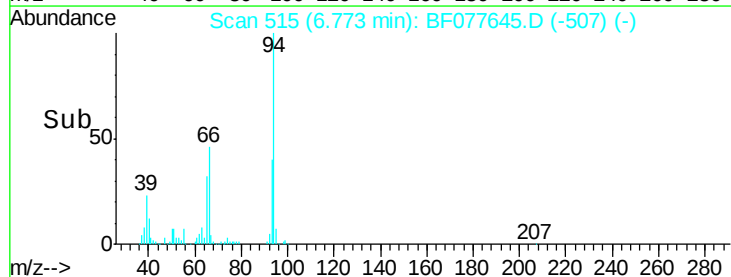
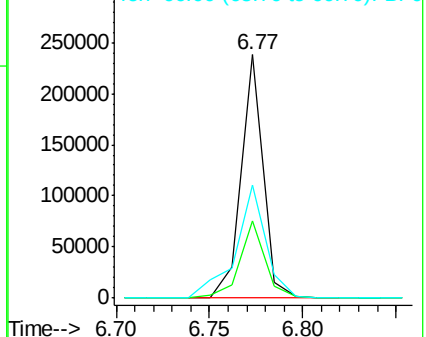
66 46.2 13.6 53.6

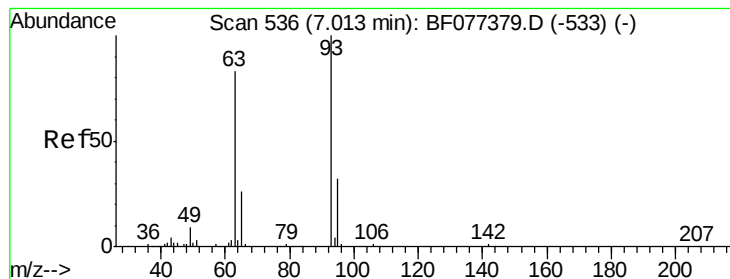


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 35.42 ng

RT: 6.88 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF077645.D

Acq: 9 Mar 2015 18:35

Instrument :

BNA_F

ClientSampled :

PB82012BS

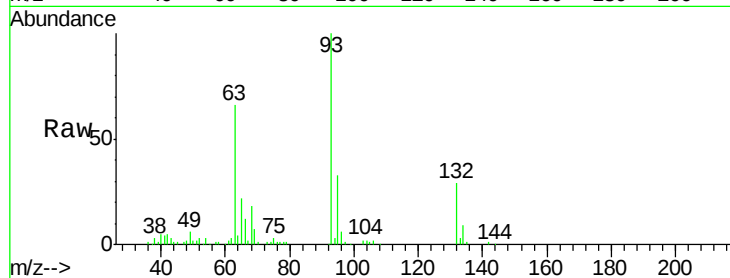
Tgt Ion: 93 Resp: 136738

Ion Ratio Lower Upper

93 100

63 66.0 48.7 88.7

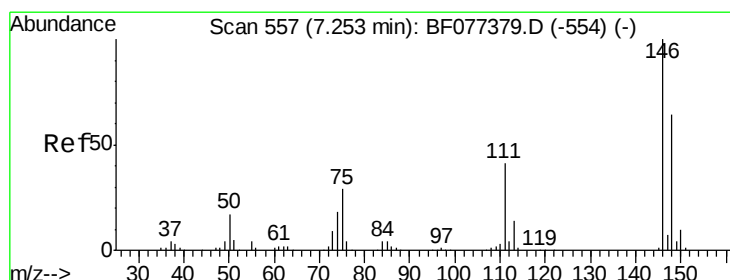
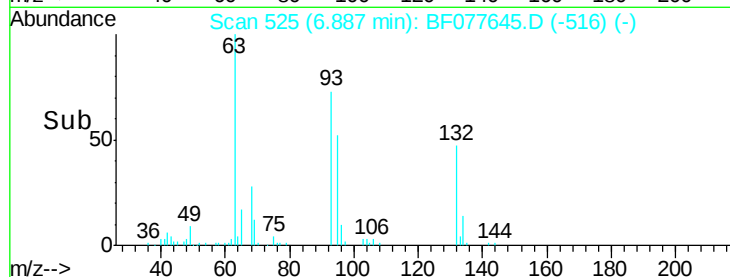
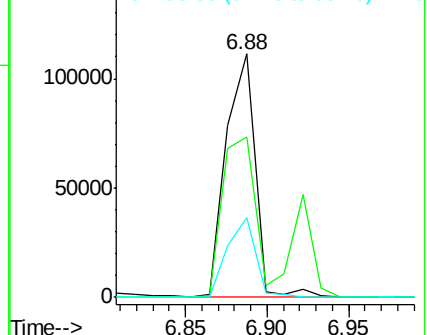
95 33.0 13.6 53.6



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: 35.27 ng

RT: 7.11 min Scan# 545

Delta R.T. -0.00 min

Lab File: BF077645.D

Acq: 9 Mar 2015 18:35

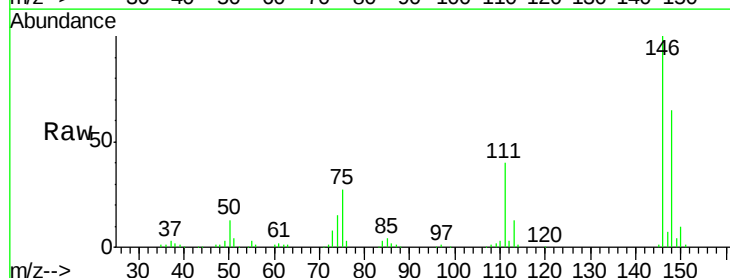
Tgt Ion: 146 Resp: 159544

Ion Ratio Lower Upper

146 100

148 64.8 49.8 74.8

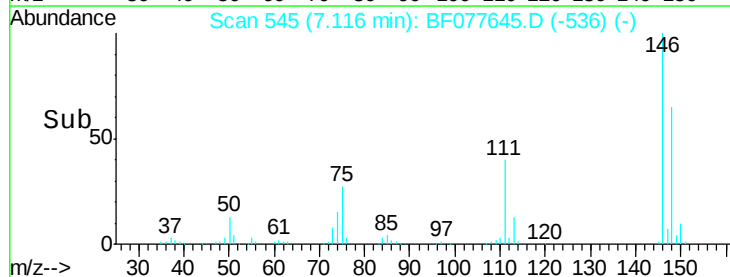
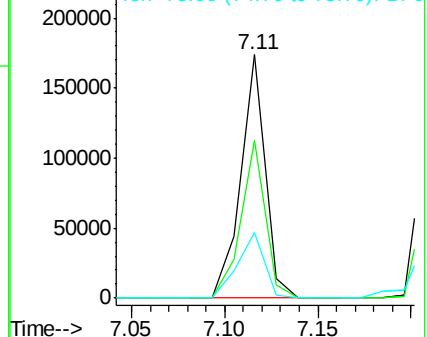
75 26.8 28.2 42.4#

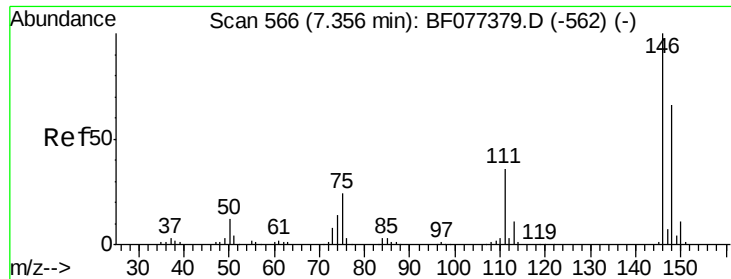


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

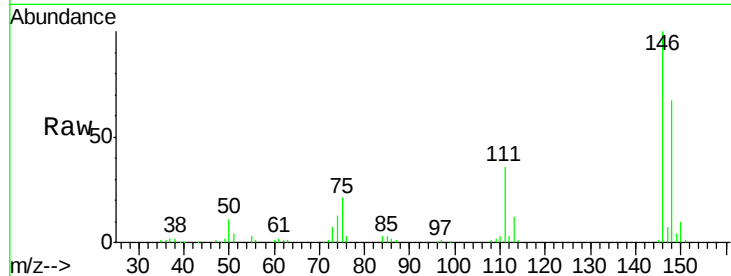




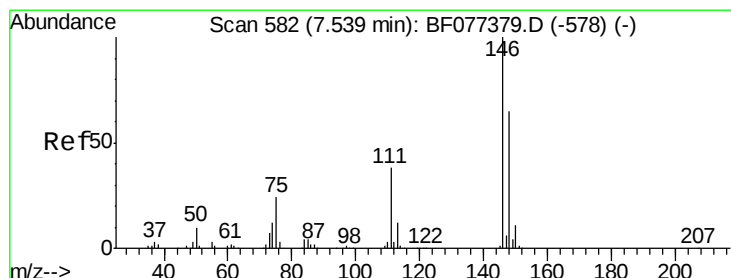
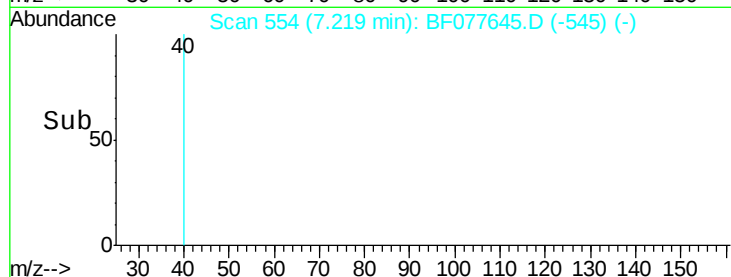
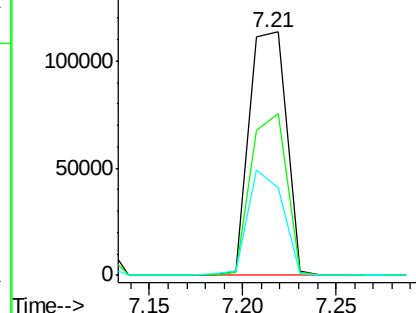
#13
 1,4-Dichlorobenzene
 Concen: 34.04 ng
 RT: 7.21 min Scan# 554
 Delta R.T. -0.00 min
 Lab File: BF077645.D
 Acq: 9 Mar 2015 18:35

Instrument :
 BNA_F
 ClientSampleId :
 PB82012BS

Tgt Ion:146 Resp: 156666
 Ion Ratio Lower Upper
 146 100
 148 66.6 52.0 78.0
 111 35.7 31.9 47.9

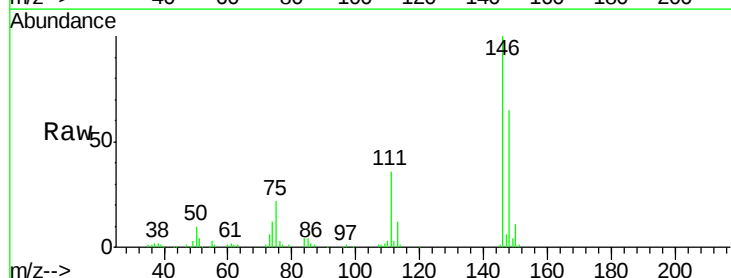


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

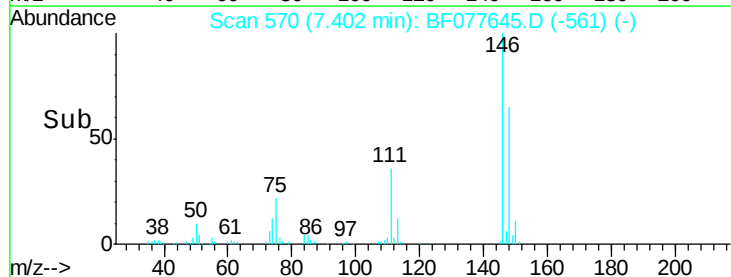
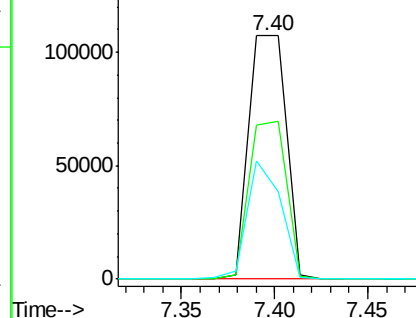


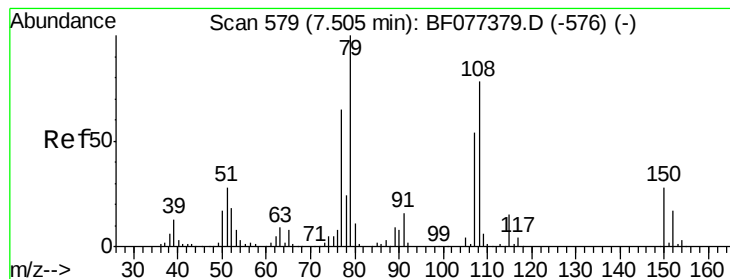
#14
 1,2-Dichlorobenzene
 Concen: 34.21 ng
 RT: 7.40 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: BF077645.D
 Acq: 9 Mar 2015 18:35

Tgt Ion:146 Resp: 149778
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.6 77.4
 111 36.1 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: 35.23 ng

RT: 7.38 min Scan# 568

Delta R.T. -0.00 min

Lab File: BF077645.D

Acq: 9 Mar 2015 18:35

Instrument :

BNA_F

ClientSampleId :

PB82012BS

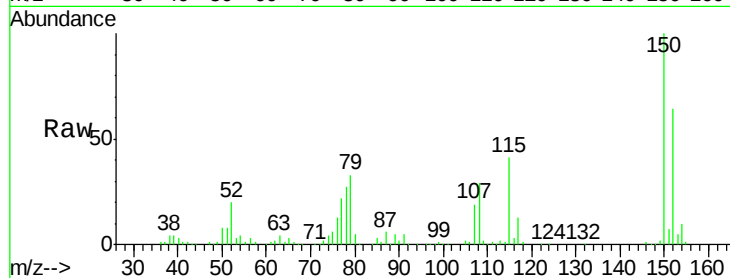
Tgt Ion: 79 Resp: 121256

Ion Ratio Lower Upper

79 100

108 86.5 58.3 87.5

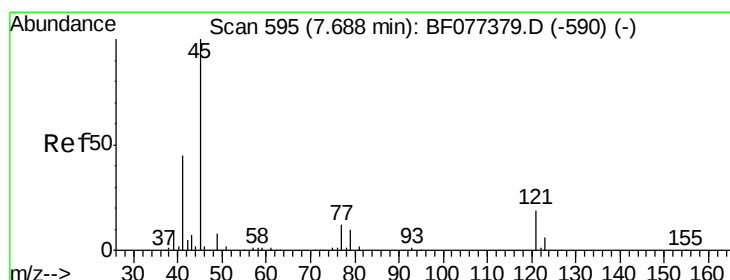
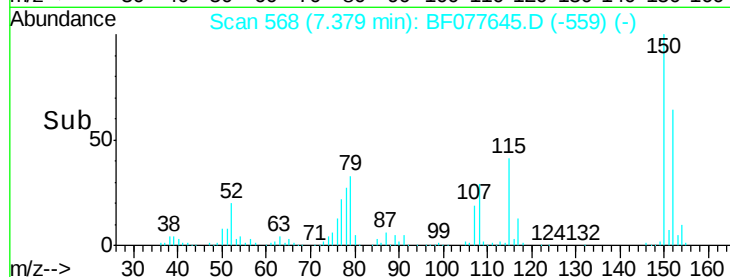
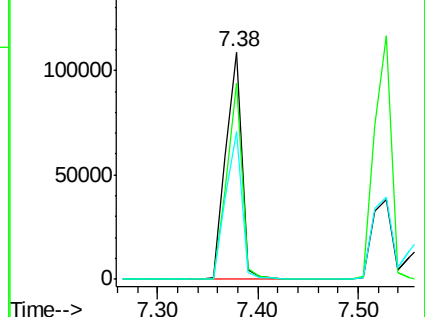
77 64.7 51.3 76.9



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: 33.62 ng

RT: 7.55 min Scan# 583

Delta R.T. -0.00 min

Lab File: BF077645.D

Acq: 9 Mar 2015 18:35

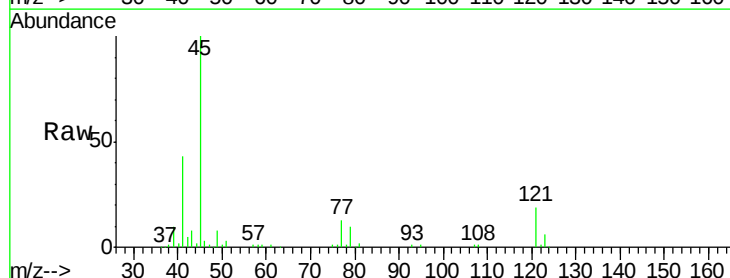
Tgt Ion: 45 Resp: 185550

Ion Ratio Lower Upper

45 100

77 13.3 0.0 34.6

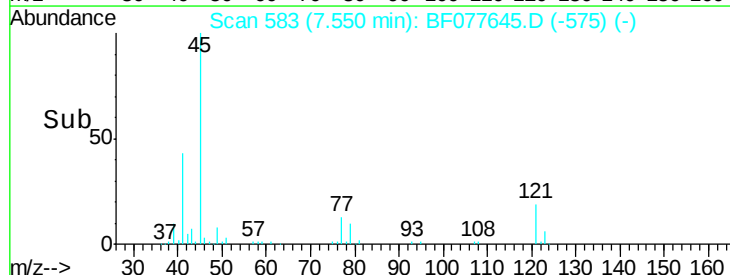
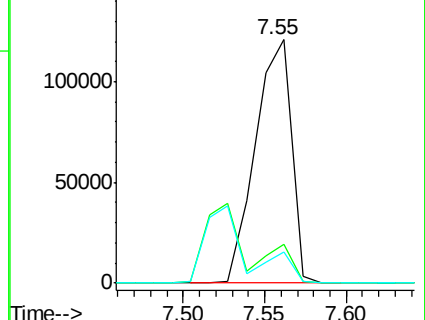
79 10.0 0.0 31.5

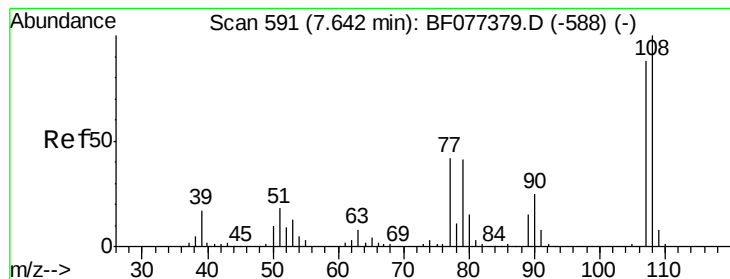


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 36.38 ng

RT: 7.52 min Scan# 581

Delta R.T. -0.00 min

Lab File: BF077645.D

Acq: 9 Mar 2015 18:35

Instrument :

BNA_F

ClientSampleId :

PB82012BS

Tgt Ion:107 Resp: 118124

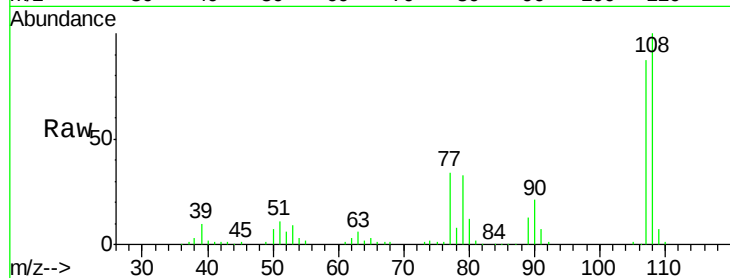
Ion Ratio Lower Upper

107 100

108 115.4 91.2 136.8

77 38.9 33.6 50.4

79 37.9 32.1 48.1

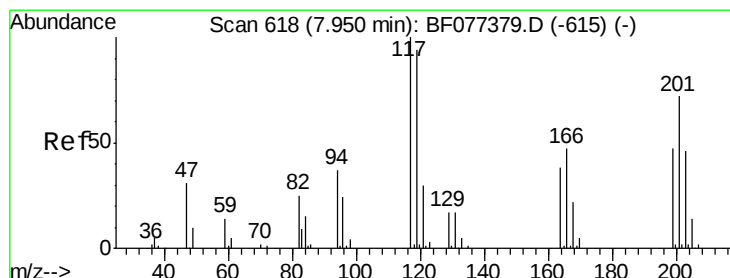
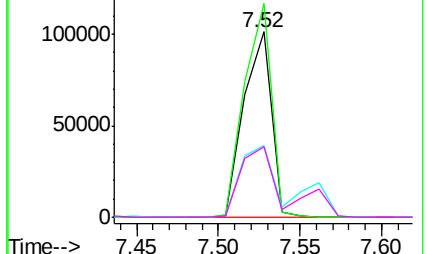
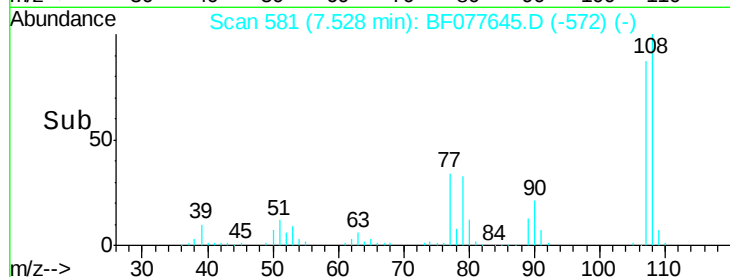


Abundance Ion 107.00 (106.70 to 107.70): E

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: 36.70 ng

RT: 7.81 min Scan# 606

Delta R.T. -0.00 min

Lab File: BF077645.D

Acq: 9 Mar 2015 18:35

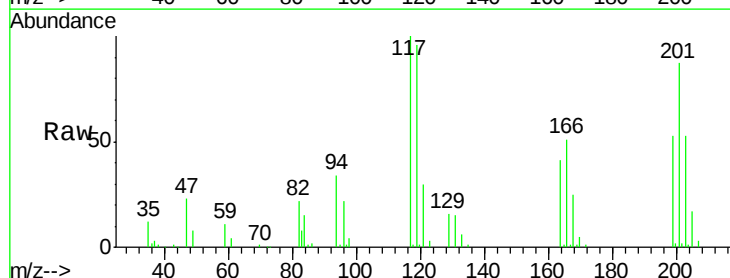
Tgt Ion:117 Resp: 56417

Ion Ratio Lower Upper

117 100

119 95.7 77.8 116.8

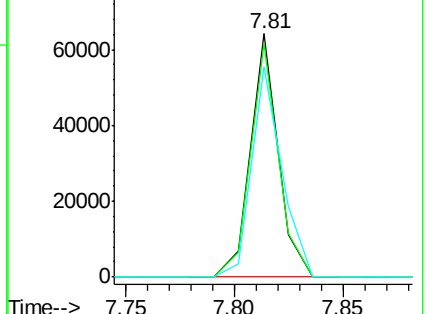
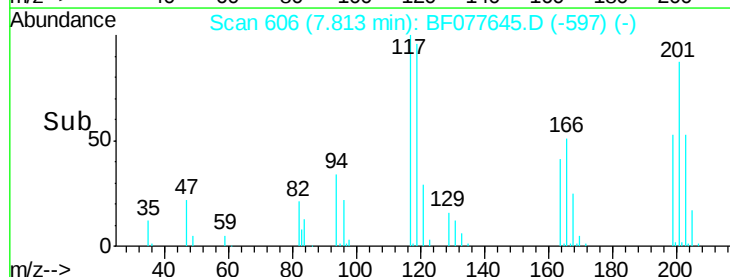
201 86.6 90.6 136.0#

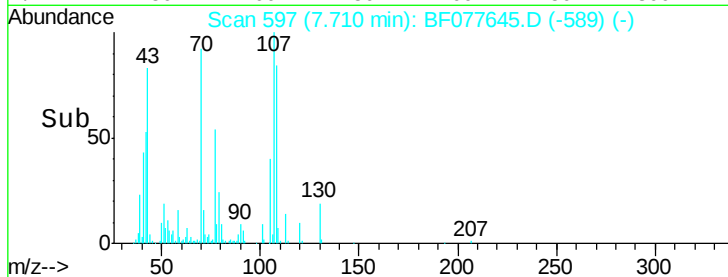
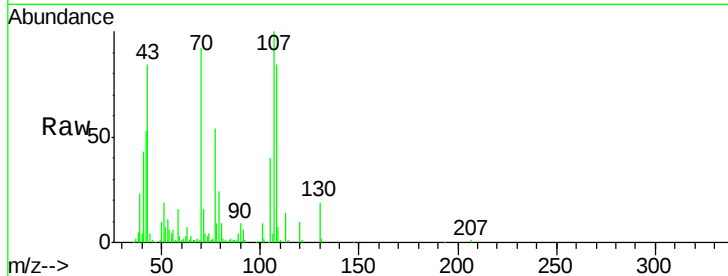
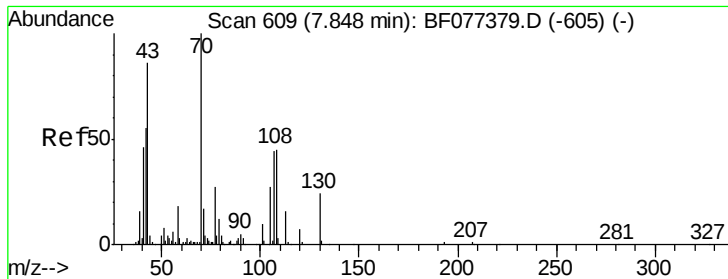


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

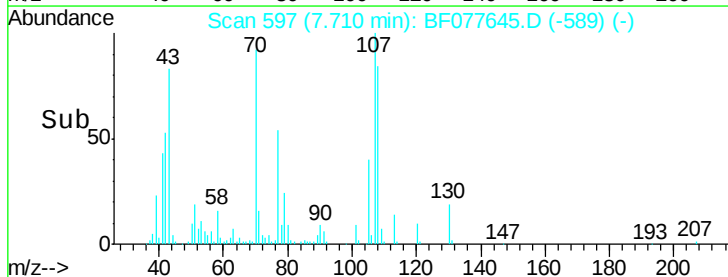
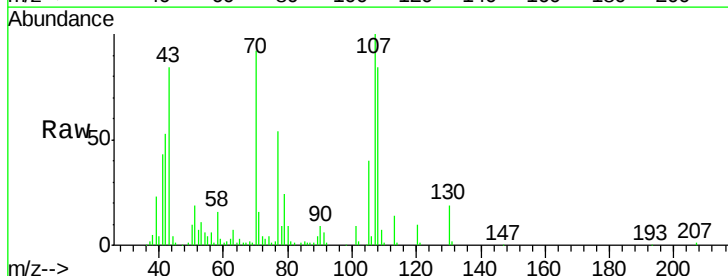
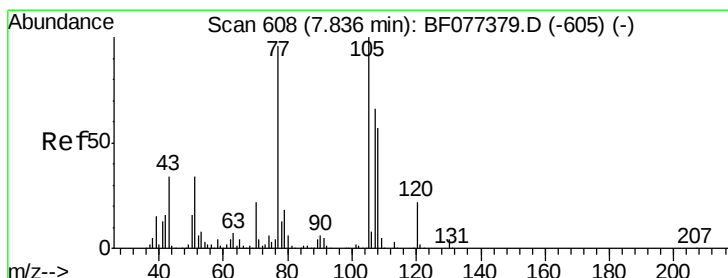
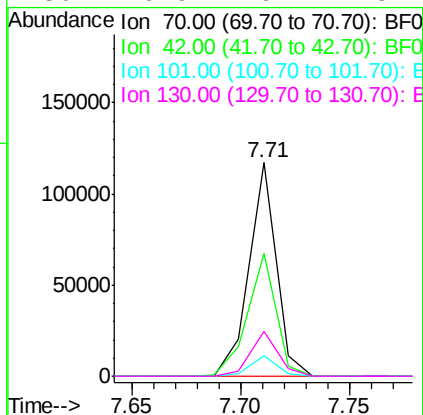




#19
n-Nitroso-di-n-propylamine
Concen: 35.55 ng
RT: 7.71 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF077645.D
Acq: 9 Mar 2015 18:35

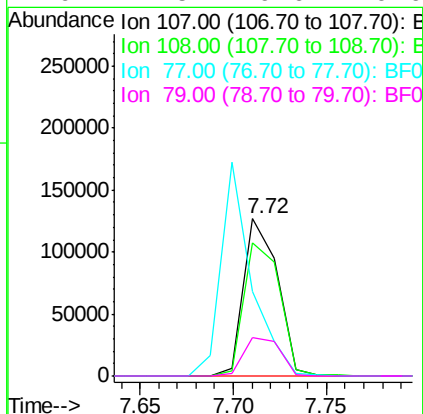
Instrument :
BNA_F
ClientSampleId :
PB82012BS

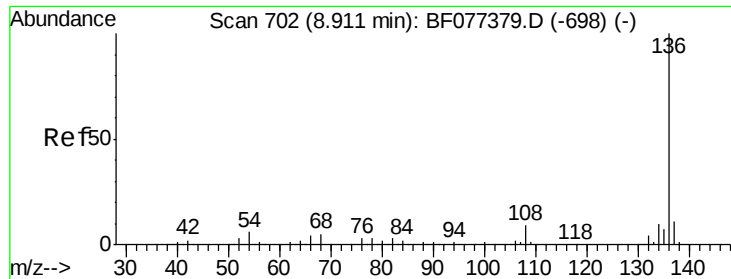
Tgt Ion:	70	Resp:	102220
Ion	Ratio	Lower	Upper
70	100		
42	57.3	48.3	72.5
101	9.4	7.5	11.3
130	20.9	16.7	25.1



#20
3+4-Methylphenols
Concen: 37.70 ng
RT: 7.72 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF077645.D
Acq: 9 Mar 2015 18:35

Tgt Ion:	107	Resp:	161229
Ion	Ratio	Lower	Upper
107	100		
108	84.5	76.8	116.8
77	53.7	65.8	105.8
79	24.5	9.6	49.6

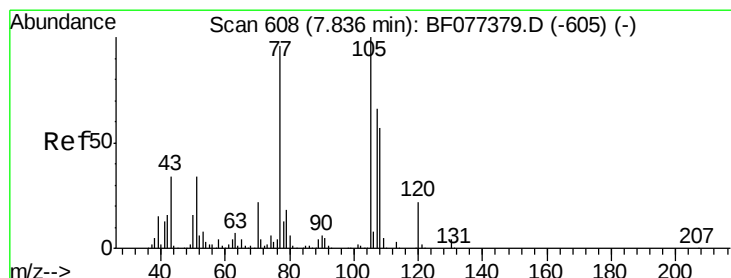
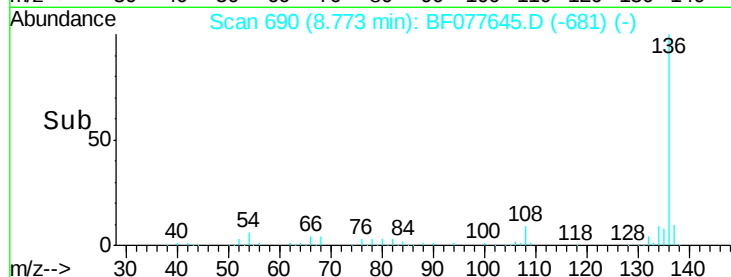
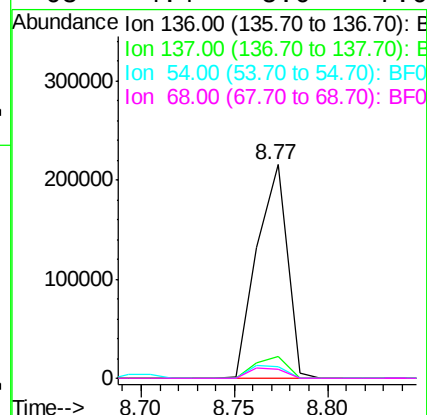
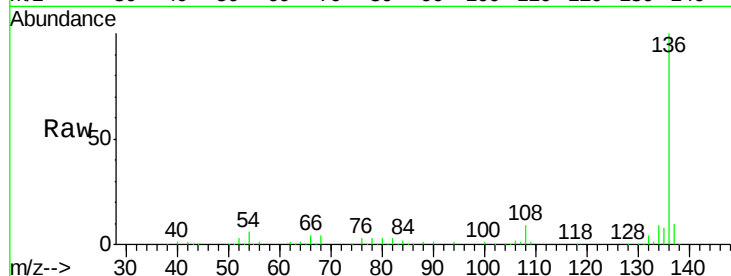




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.77 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF077645.D
Acq: 9 Mar 2015 18:35

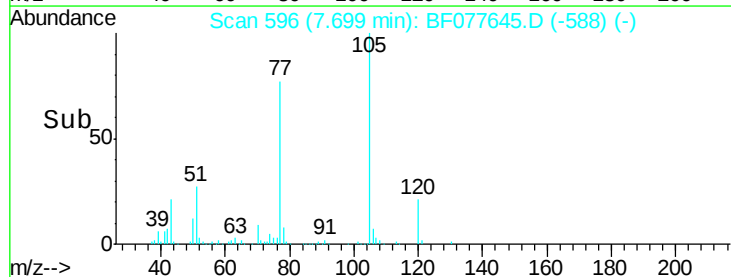
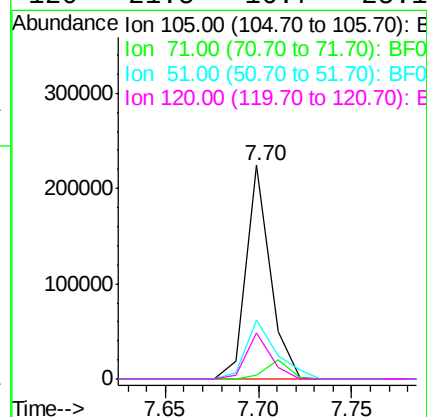
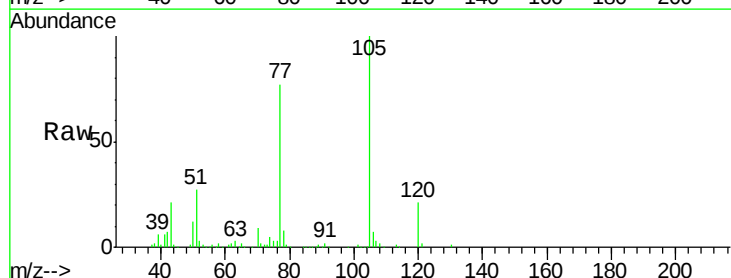
Instrument :
BNA_F
ClientSampleId :
PB82012BS

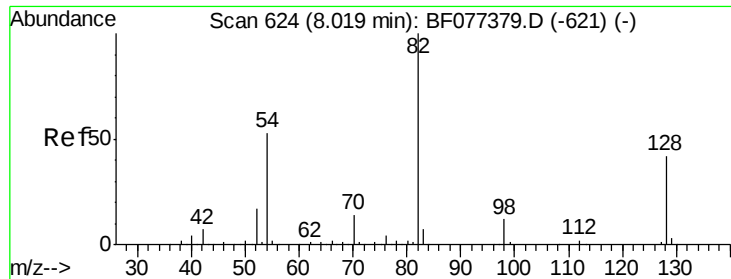
Tgt Ion:	136	Resp:	242919
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.6	13.0
54	5.7	6.2	9.4#
68	4.4	5.0	7.6#



#22
Acetophenone
Concen: 35.50 ng
RT: 7.70 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF077645.D
Acq: 9 Mar 2015 18:35

Tgt Ion:	105	Resp:	202824
Ion	Ratio	Lower	Upper
105	100		
71	1.5	1.7	2.5#
51	27.3	30.7	46.1#
120	21.5	16.7	25.1

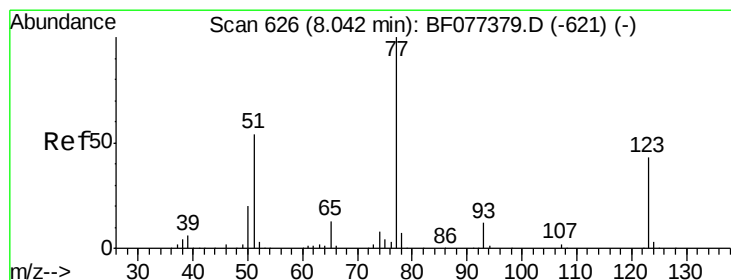
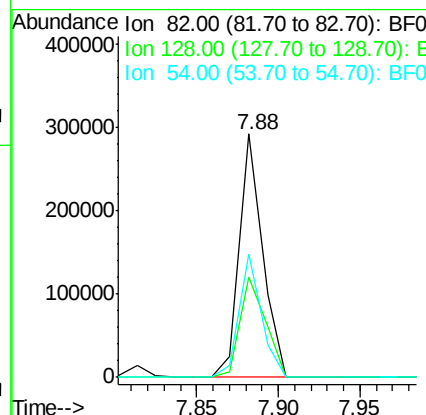
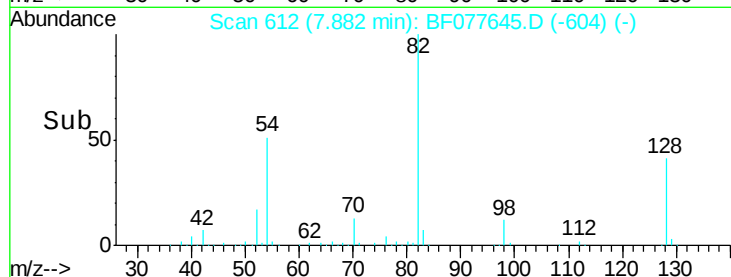
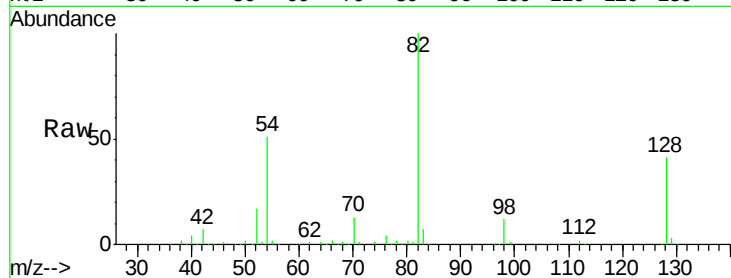




#23
 Nitrobenzene-d5
 Concen: 73.36 ng
 RT: 7.88 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF077645.D
 Acq: 9 Mar 2015 18:35

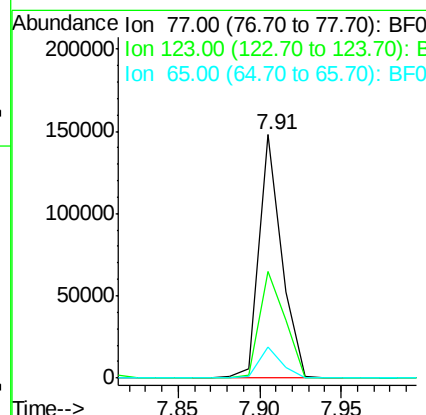
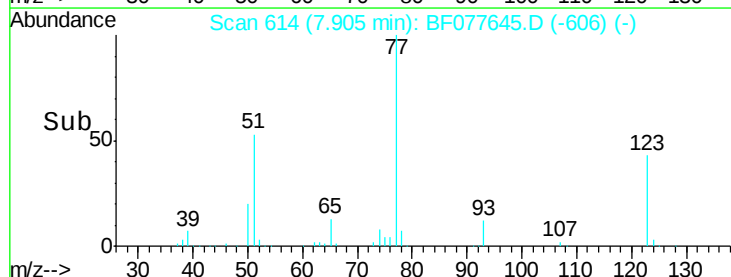
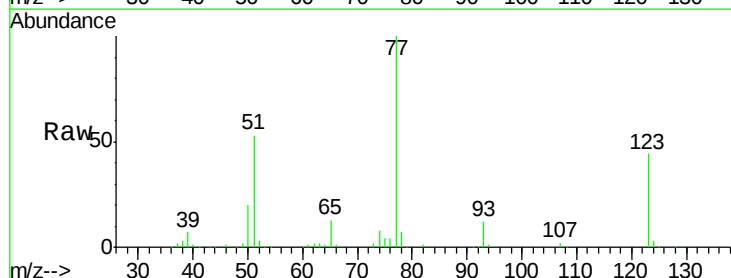
Instrument :
 BNA_F
 ClientSampleId :
 PB82012BS

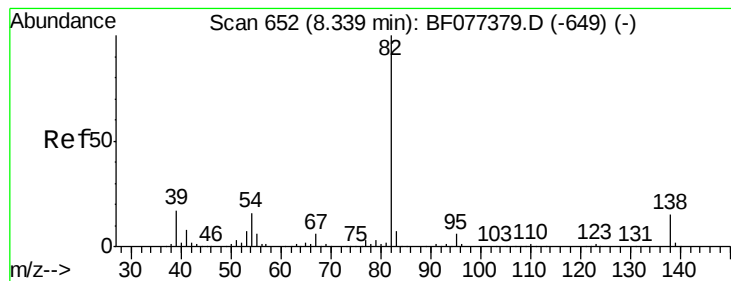
Tgt Ion: 82 Resp: 286591
 Ion Ratio Lower Upper
 82 100
 128 41.3 43.8 65.8#
 54 50.7 36.7 55.1



#24
 Nitrobenzene
 Concen: 34.76 ng
 RT: 7.91 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF077645.D
 Acq: 9 Mar 2015 18:35

Tgt Ion: 77 Resp: 142847
 Ion Ratio Lower Upper
 77 100
 123 44.0 45.9 68.9#
 65 13.0 9.5 14.3





#25

Isophorone

Concen: 34.24 ng

RT: 8.21 min Scan# 640

Delta R.T. -0.00 min

Lab File: BF077645.D

Acq: 9 Mar 2015 18:35

Instrument :

BNA_F

ClientSampled :

PB82012BS

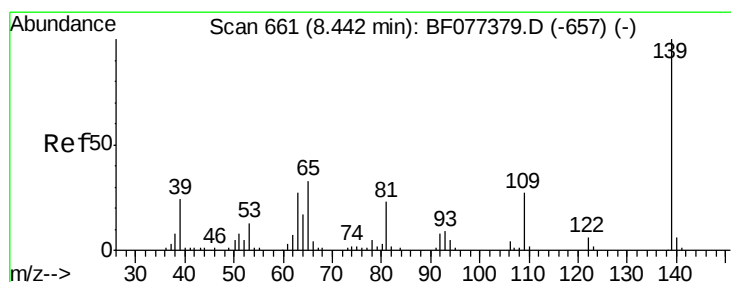
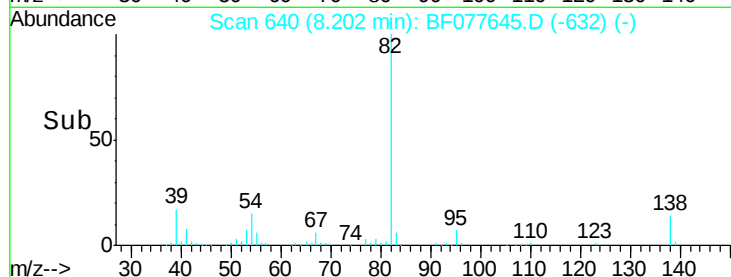
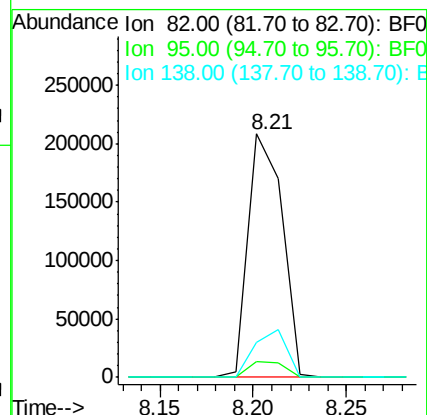
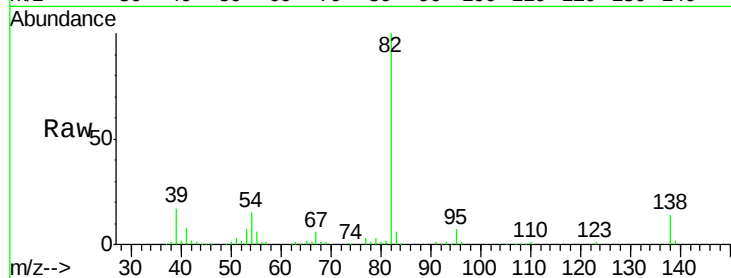
Tgt Ion: 82 Resp: 265370

Ion Ratio Lower Upper

82 100

95 6.6 5.4 8.2

138 14.5 16.3 24.5#



#26

2-Nitrophenol

Concen: 41.75 ng

RT: 8.30 min Scan# 649

Delta R.T. -0.00 min

Lab File: BF077645.D

Acq: 9 Mar 2015 18:35

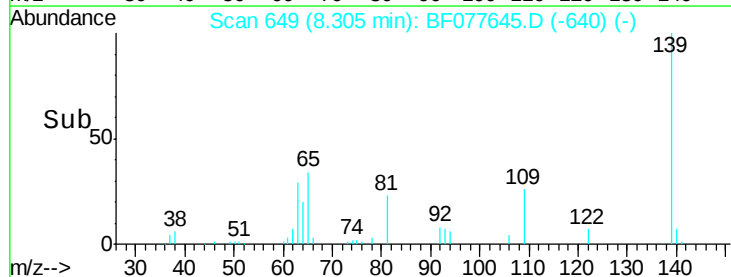
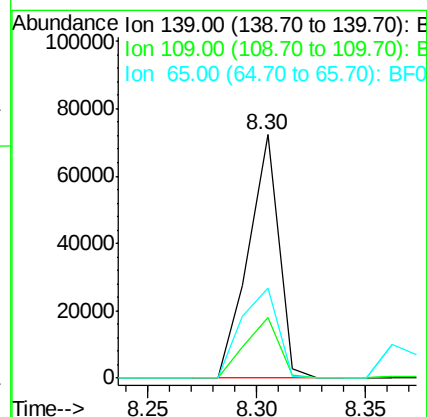
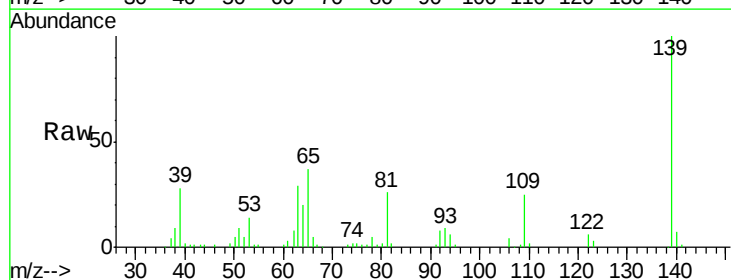
Tgt Ion: 139 Resp: 70329

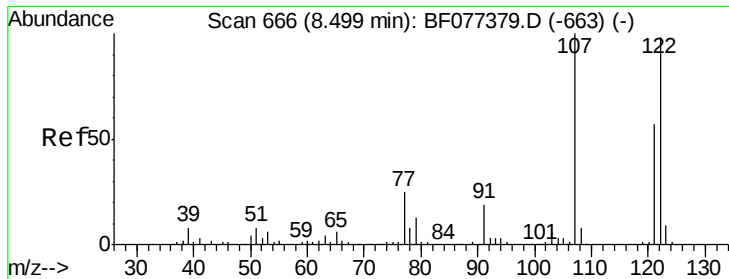
Ion Ratio Lower Upper

139 100

109 25.1 22.6 34.0

65 37.0 36.4 54.6

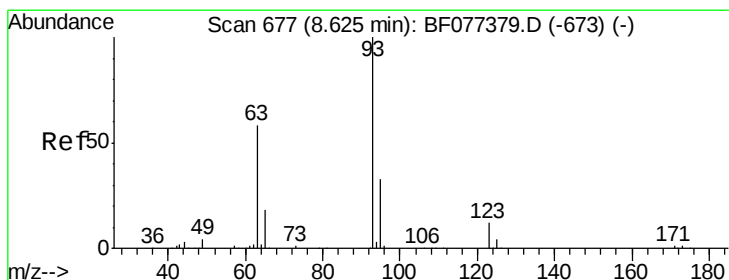
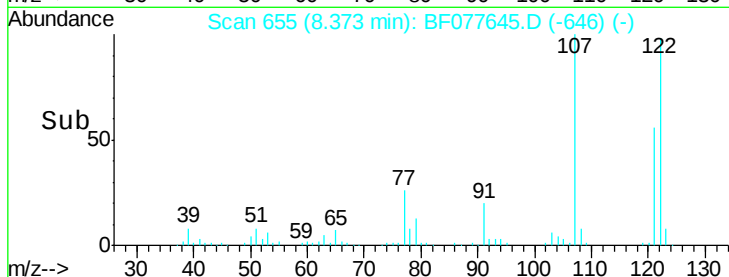
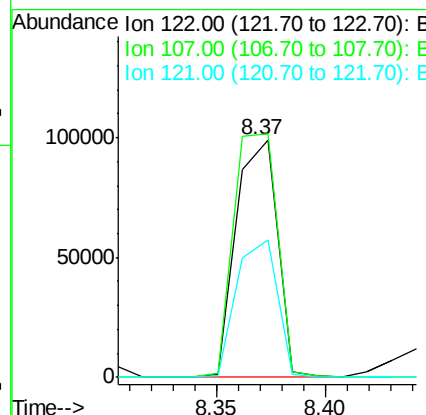
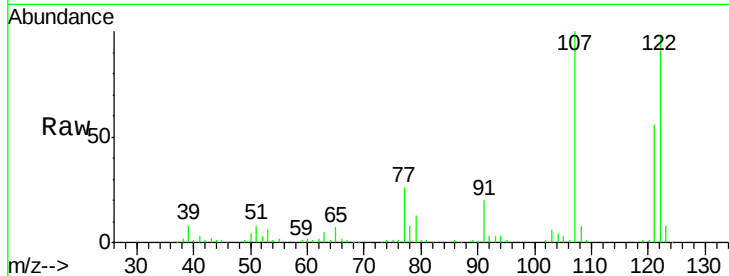




#27
 2,4-Dimethylphenol
 Concen: 34.63 ng
 RT: 8.37 min Scan# 655
 Delta R.T. -0.00 min
 Lab File: BF077645.D
 Acq: 9 Mar 2015 18:35

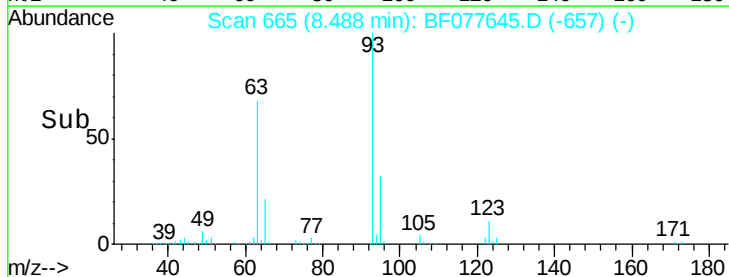
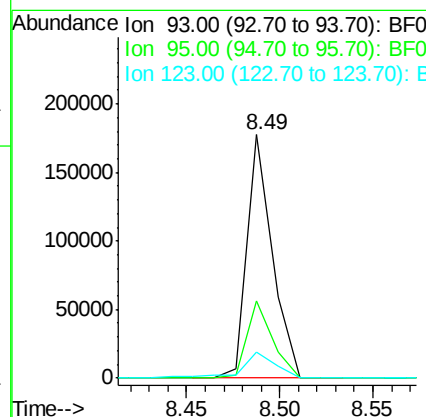
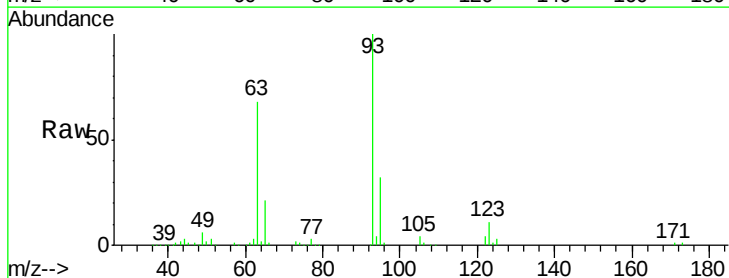
Instrument :
 BNA_F
 ClientSampleId :
 PB82012BS

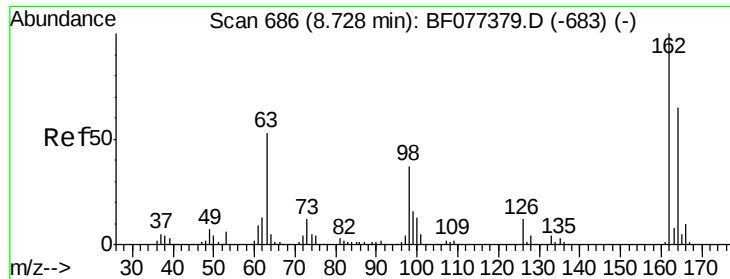
Tgt Ion: 122 Resp: 130533
 Ion Ratio Lower Upper
 122 100
 107 102.4 86.6 130.0
 121 57.8 47.4 71.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.13 ng
 RT: 8.49 min Scan# 665
 Delta R.T. -0.00 min
 Lab File: BF077645.D
 Acq: 9 Mar 2015 18:35

Tgt Ion: 93 Resp: 167080
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.4 39.6
 123 10.9 8.7 13.1

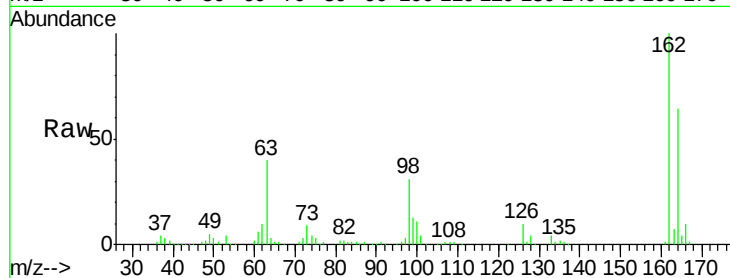




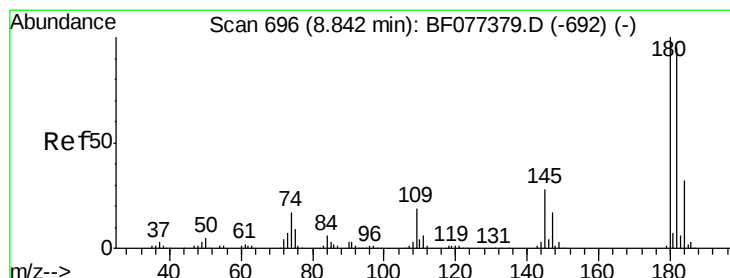
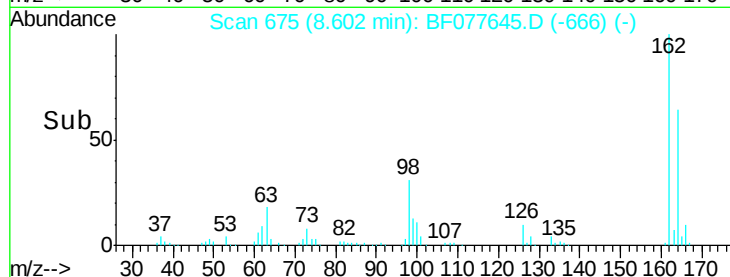
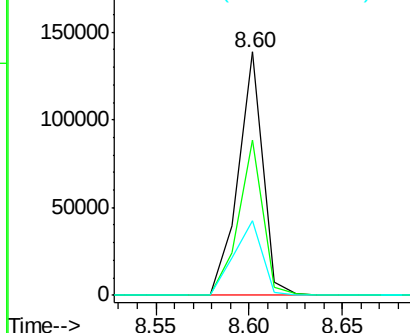
#29
 2,4-Dichlorophenol
 Concen: 36.35 ng
 RT: 8.60 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: BF077645.D
 Acq: 9 Mar 2015 18:35

Instrument :
 BNA_F
 ClientSampleId :
 PB82012BS

Tgt Ion:162 Resp: 128585
 Ion Ratio Lower Upper
 162 100
 164 63.9 46.4 86.4
 98 30.6 6.9 46.9

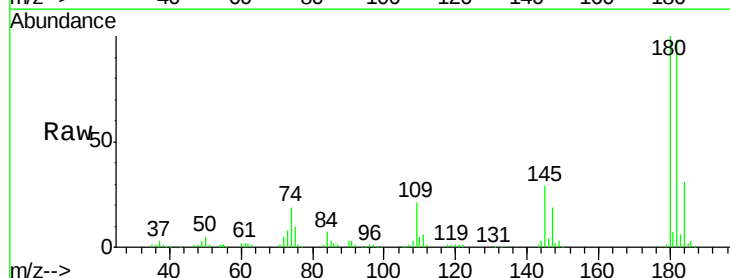


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

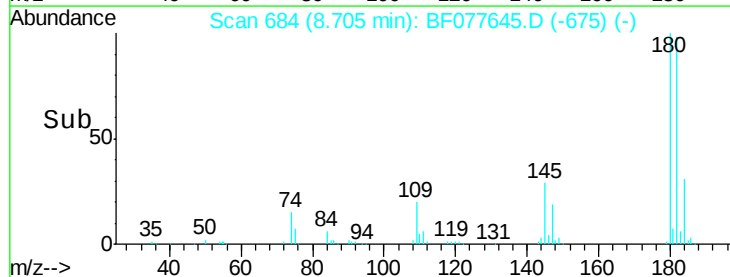
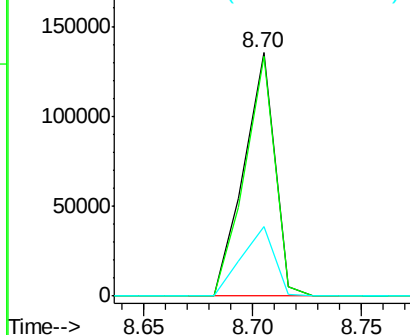


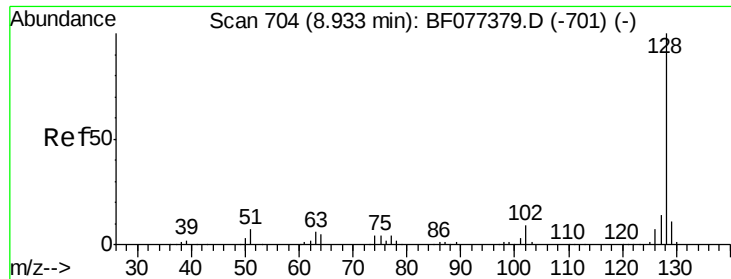
#30
 1,2,4-Trichlorobenzene
 Concen: 34.46 ng
 RT: 8.70 min Scan# 684
 Delta R.T. -0.00 min
 Lab File: BF077645.D
 Acq: 9 Mar 2015 18:35

Tgt Ion:180 Resp: 134045
 Ion Ratio Lower Upper
 180 100
 182 98.3 76.2 114.4
 145 28.5 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

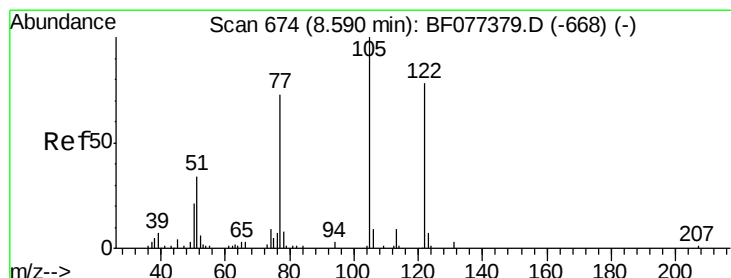
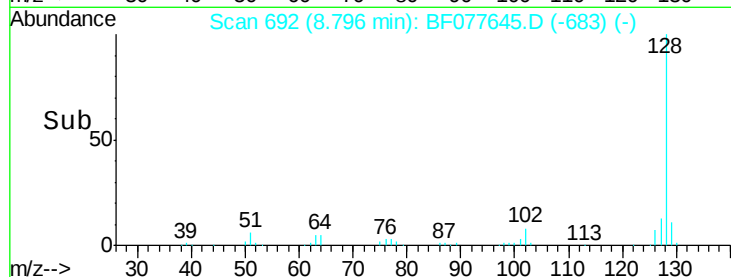
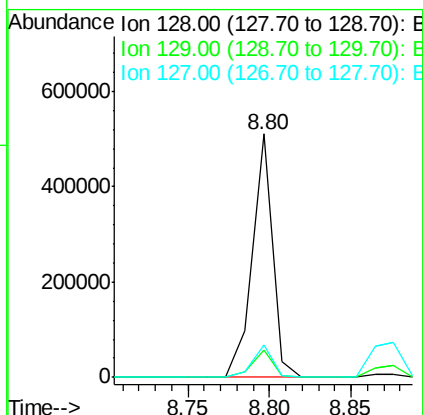
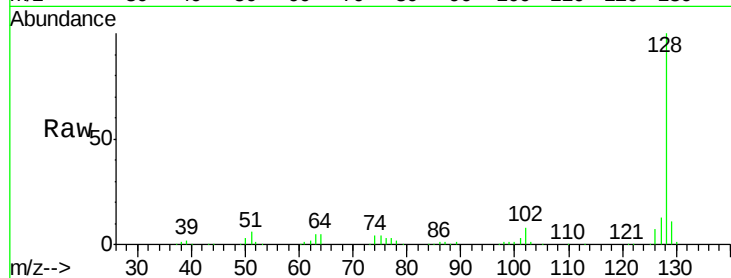




#31
Naphthalene
Concen: 36.34 ng
RT: 8.80 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF077645.D
Acq: 9 Mar 2015 18:35

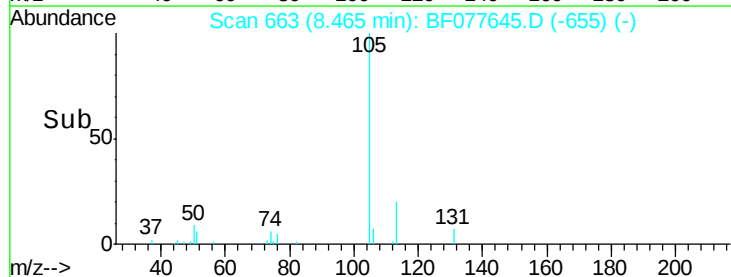
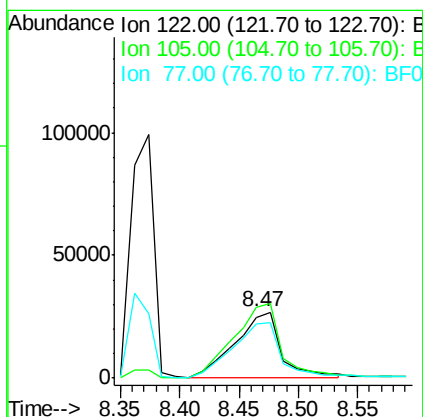
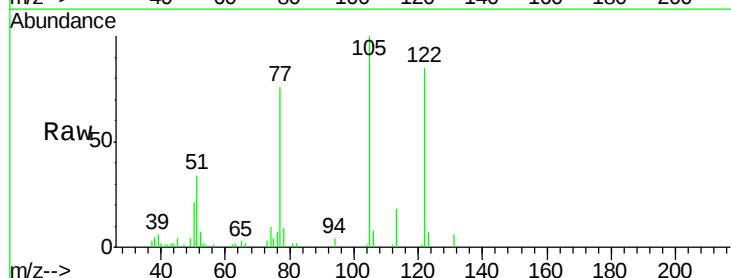
Instrument :
BNA_F
ClientSampleId :
PB82012BS

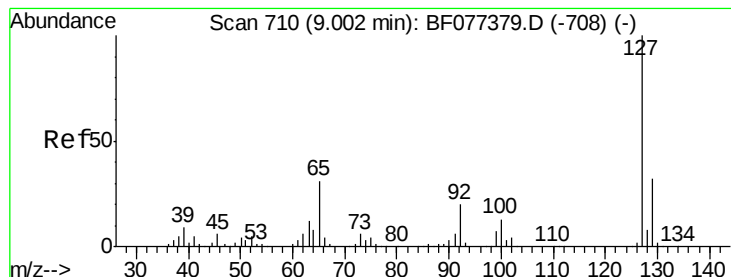
Tgt Ion:128 Resp: 441495
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.0
127 13.4 10.6 15.8



#32
Benzoic acid
Concen: 38.35 ng
RT: 8.47 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF077645.D
Acq: 9 Mar 2015 18:35

Tgt Ion:122 Resp: 70233
Ion Ratio Lower Upper
122 100
105 117.3 100.3 140.3
77 88.6 68.7 108.7





#33

4-Chloroaniline

Concen: 18.66 ng

RT: 8.87 min Scan# 699

Delta R.T. -0.00 min

Lab File: BF077645.D

Acq: 9 Mar 2015 18:35

Instrument :

BNA_F

ClientSampleId :

PB82012BS

Tgt Ion:127 Resp: 100791

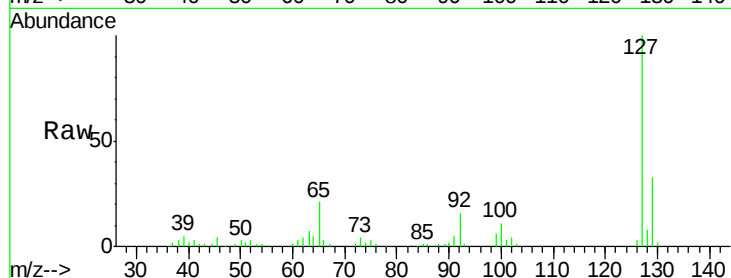
Ion Ratio Lower Upper

127 100

129 33.2 26.9 40.3

65 21.4 16.7 25.1

92 16.3 12.5 18.7

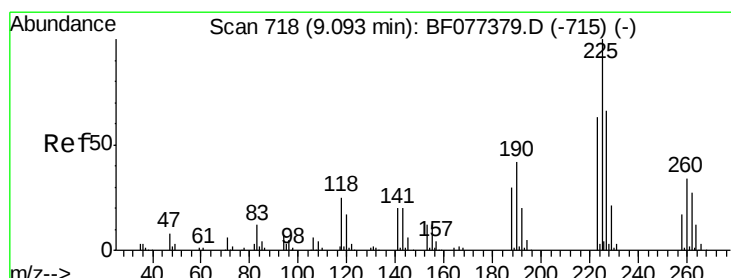
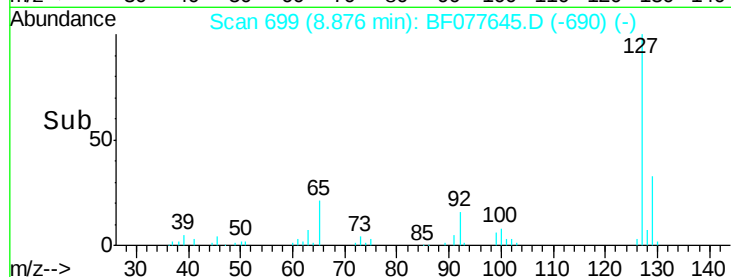
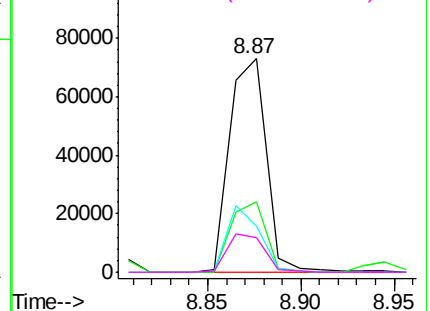


Abundance Ion 127.00 (126.70 to 127.70): E

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: 32.61 ng

RT: 8.95 min Scan# 706

Delta R.T. -0.00 min

Lab File: BF077645.D

Acq: 9 Mar 2015 18:35

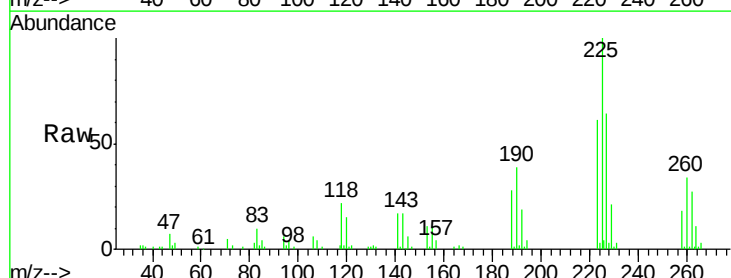
Tgt Ion:225 Resp: 72400

Ion Ratio Lower Upper

225 100

223 60.7 49.5 74.3

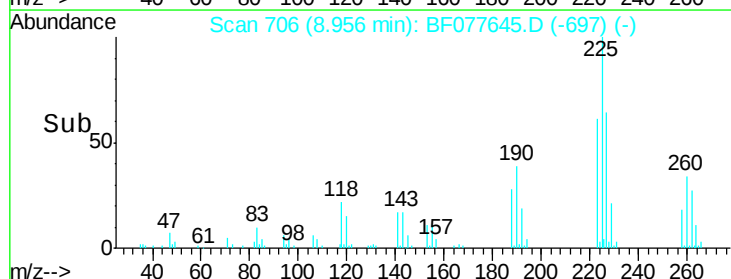
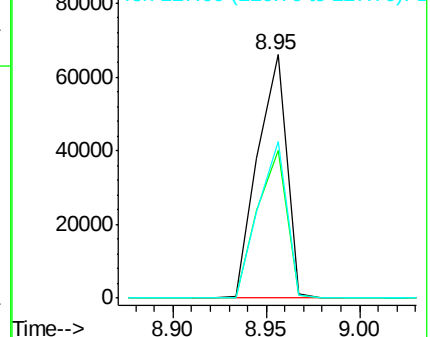
227 64.1 50.5 75.7

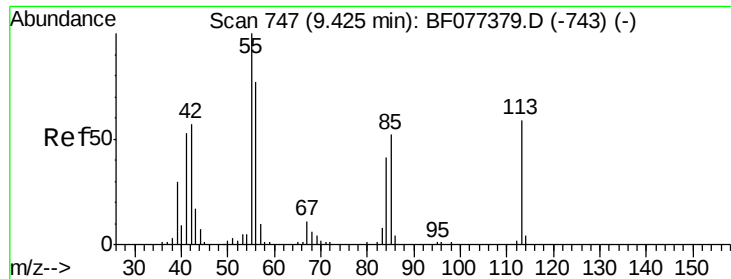


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

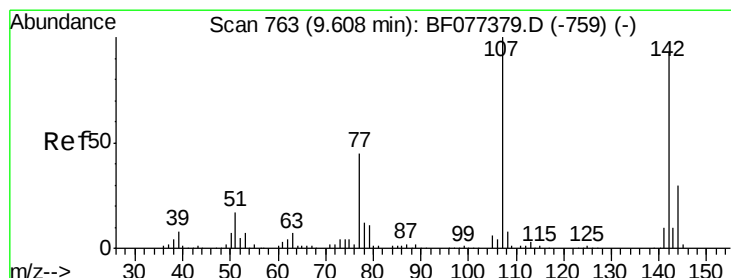
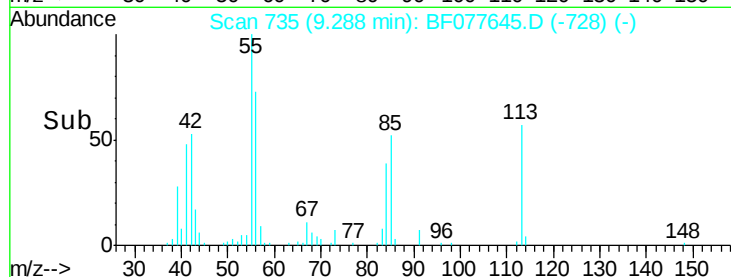
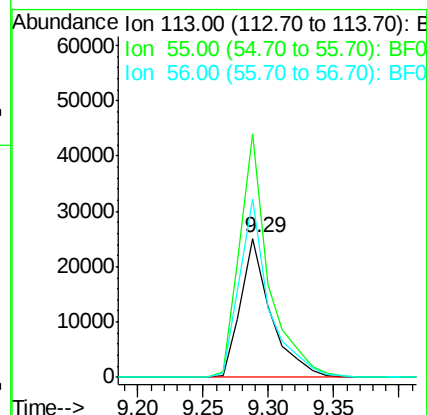
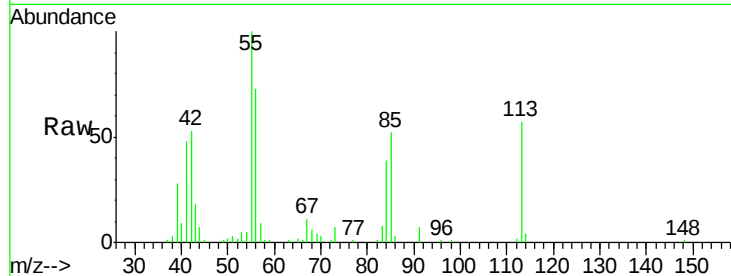




#35
 Caprolactam
 Concen: 37.57 ng
 RT: 9.29 min Scan# 735
 Delta R.T. -0.01 min
 Lab File: BF077645.D
 Acq: 9 Mar 2015 18:35

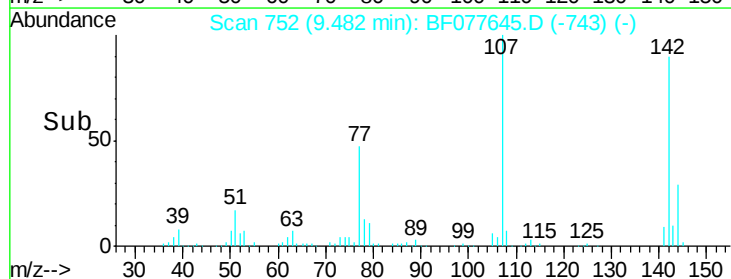
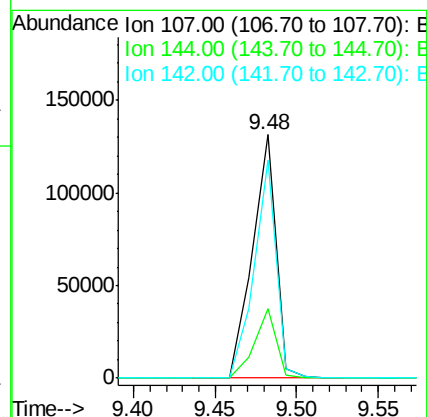
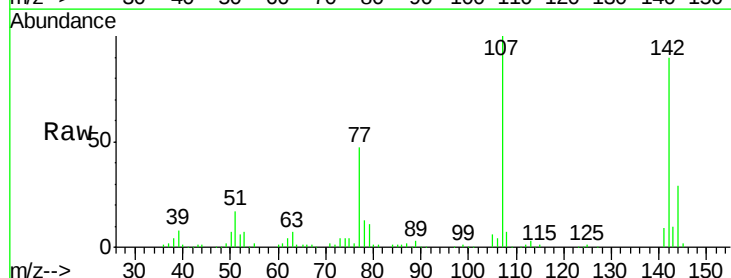
Instrument :
 BNA_F
 ClientSampleId :
 PB82012BS

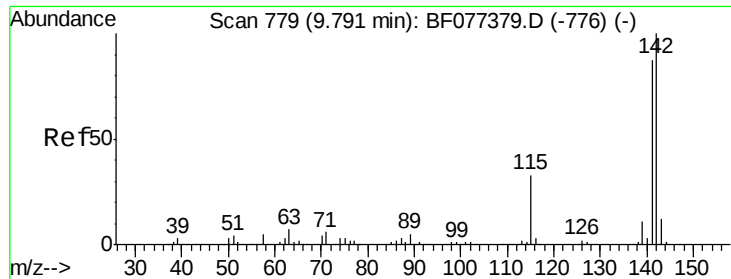
Tgt Ion:113 Resp: 40573
 Ion Ratio Lower Upper
 113 100
 55 175.0 154.6 194.6
 56 128.1 114.0 154.0



#36
 4-Chloro-3-methylphenol
 Concen: 37.24 ng
 RT: 9.48 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF077645.D
 Acq: 9 Mar 2015 18:35

Tgt Ion:107 Resp: 132447
 Ion Ratio Lower Upper
 107 100
 144 28.7 21.1 31.7
 142 89.7 65.3 97.9

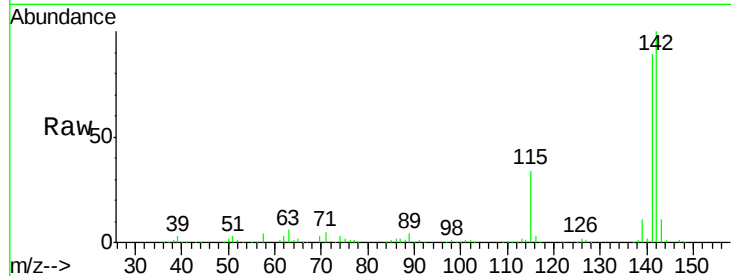




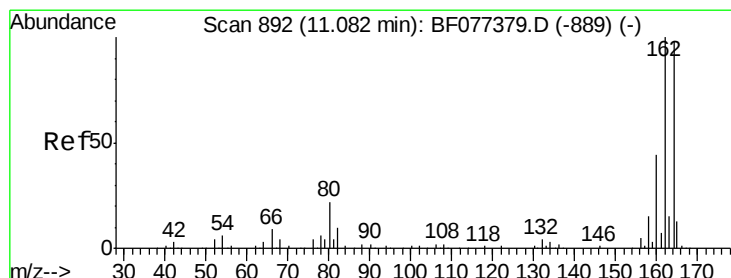
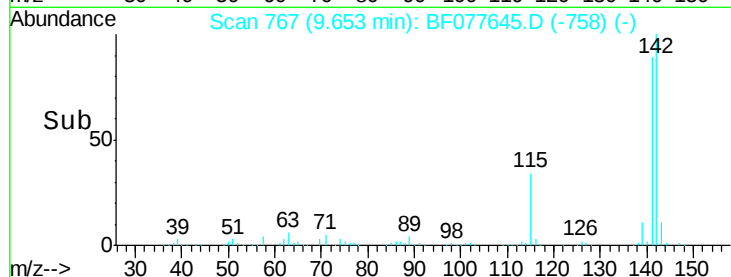
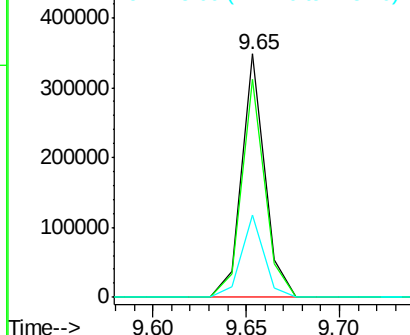
#37
 2-Methylnaphthalene
 Concen: 35.03 ng
 RT: 9.65 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BF077645.D
 Acq: 9 Mar 2015 18:35

Instrument :
 BNA_F
 ClientSampleId :
 PB82012BS

Tgt Ion:142 Resp: 302180
 Ion Ratio Lower Upper
 142 100
 141 89.3 70.7 106.1
 115 33.7 24.2 36.4

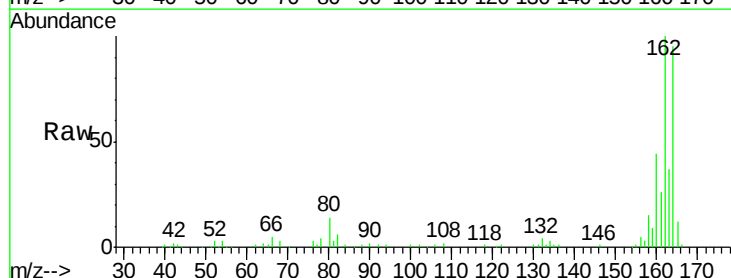


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

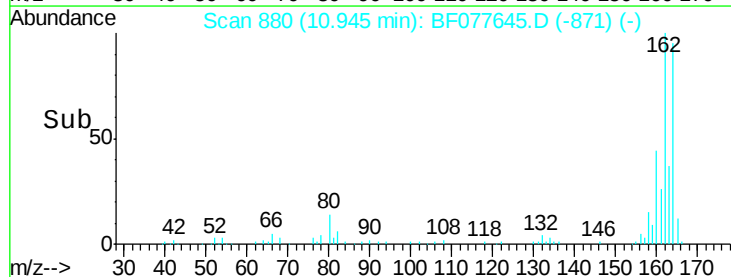
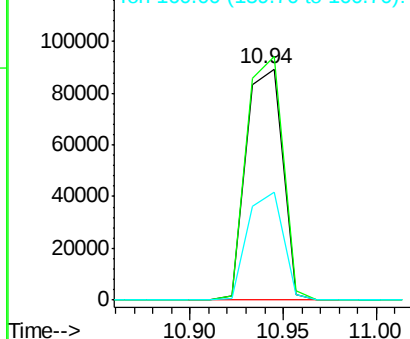


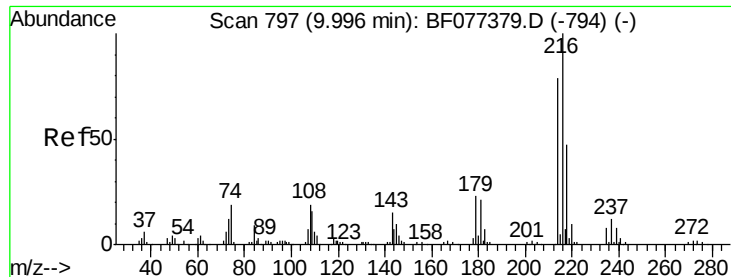
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.94 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BF077645.D
 Acq: 9 Mar 2015 18:35

Tgt Ion:164 Resp: 120961
 Ion Ratio Lower Upper
 164 100
 162 105.3 83.2 124.8
 160 46.7 34.6 52.0



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.62 ng

RT: 9.86 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF077645.D

Acq: 9 Mar 2015 18:35

Instrument :

BNA_F

ClientSampleId :

PB82012BS

Tgt Ion:216 Resp: 130577

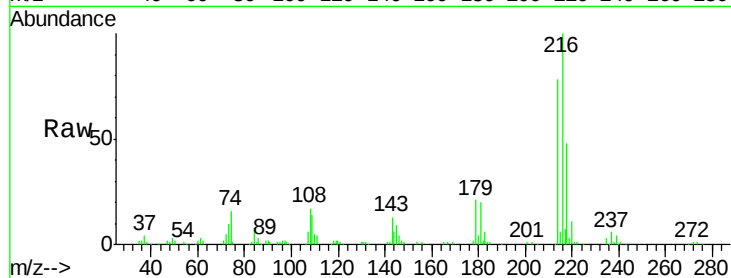
Ion Ratio Lower Upper

216 100

214 78.5 63.4 95.0

179 21.5 16.6 25.0

108 21.1 14.2 21.4

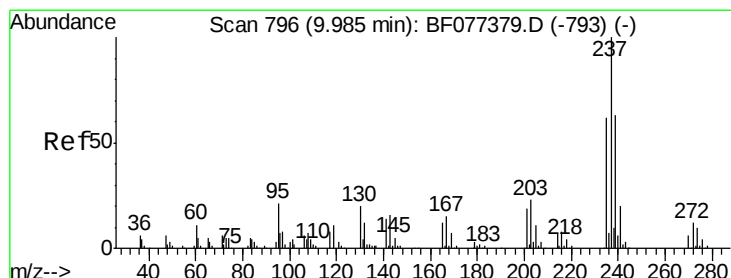
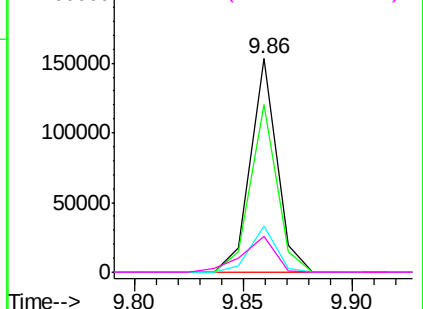
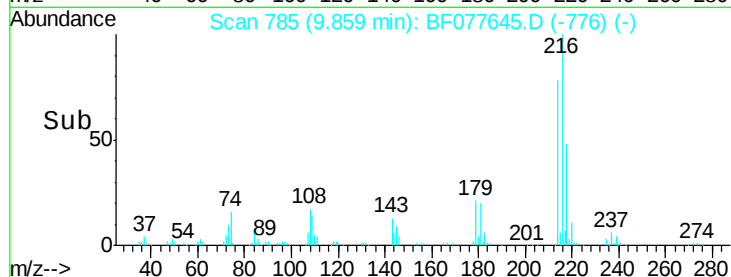


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 69.92 ng

RT: 9.85 min Scan# 784

Delta R.T. -0.00 min

Lab File: BF077645.D

Acq: 9 Mar 2015 18:35

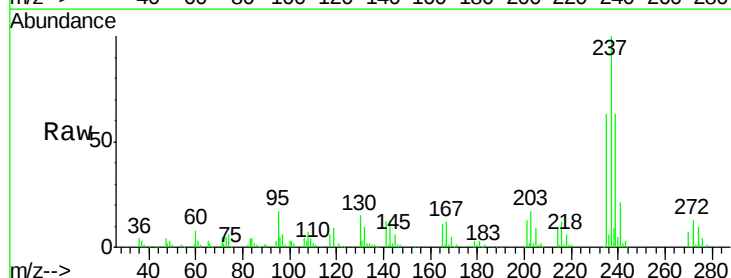
Tgt Ion:237 Resp: 130127

Ion Ratio Lower Upper

237 100

235 62.9 41.0 81.0

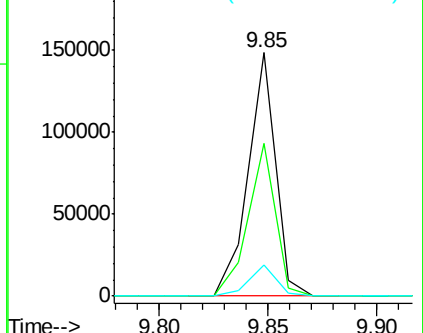
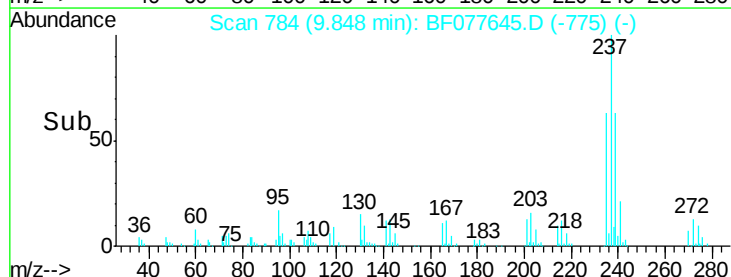
272 12.6 0.0 34.3

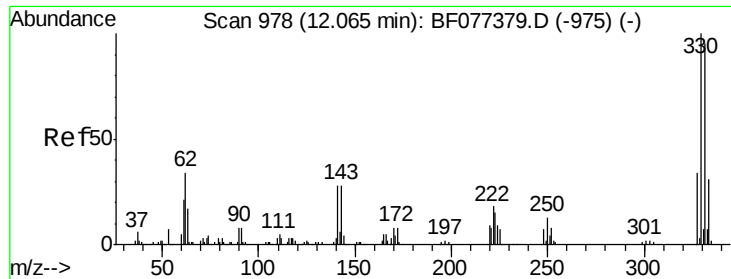


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

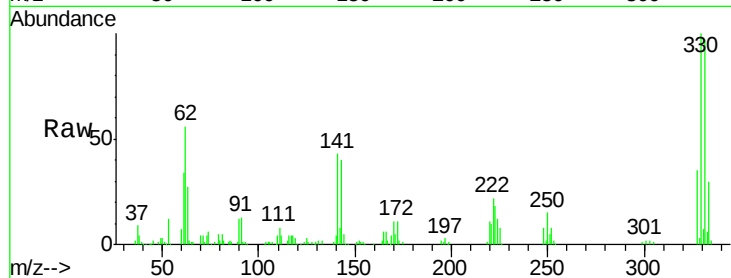




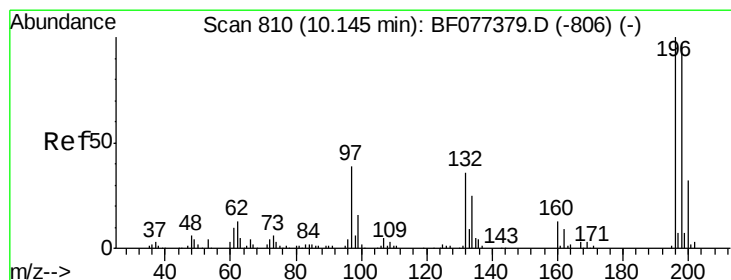
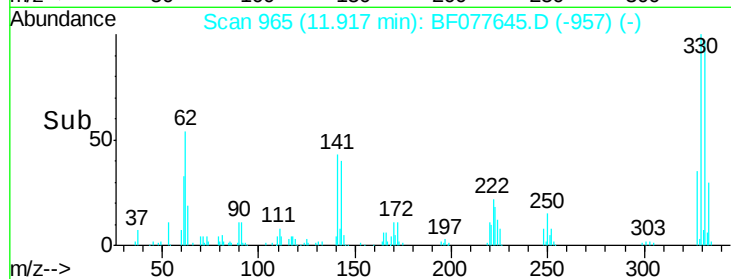
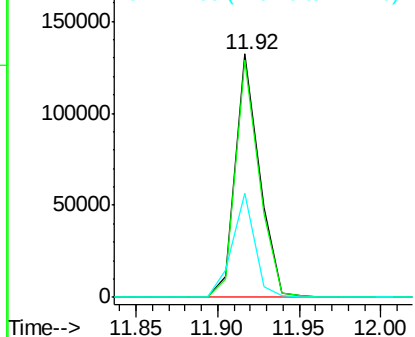
#41
 2,4,6-Tribromophenol
 Concen: 115.72 ng
 RT: 11.92 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: BF077645.D
 Acq: 9 Mar 2015 18:35

Instrument :
 BNA_F
 ClientSampleId :
 PB82012BS

Tgt Ion:330 Resp: 134780
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.4 116.2
 141 40.0 28.8 43.2

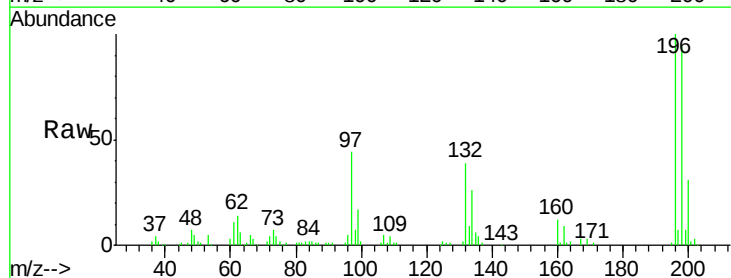


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

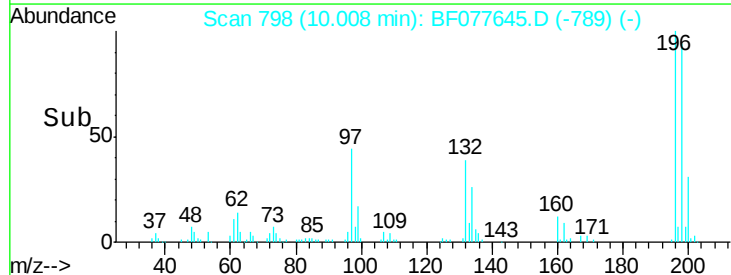
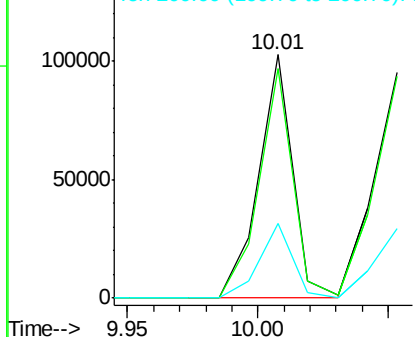


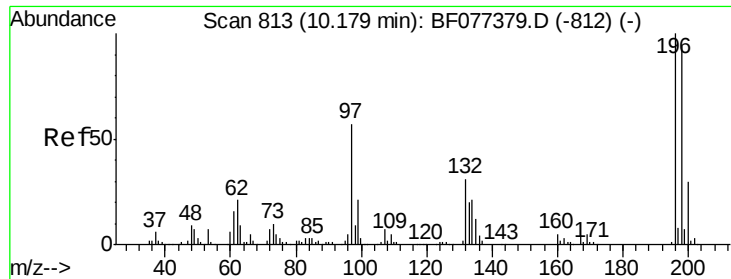
#42
 2,4,6-Trichlorophenol
 Concen: 40.77 ng
 RT: 10.01 min Scan# 798
 Delta R.T. -0.00 min
 Lab File: BF077645.D
 Acq: 9 Mar 2015 18:35

Tgt Ion:196 Resp: 93701
 Ion Ratio Lower Upper
 196 100
 198 94.2 75.8 113.8
 200 30.6 24.2 36.4



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

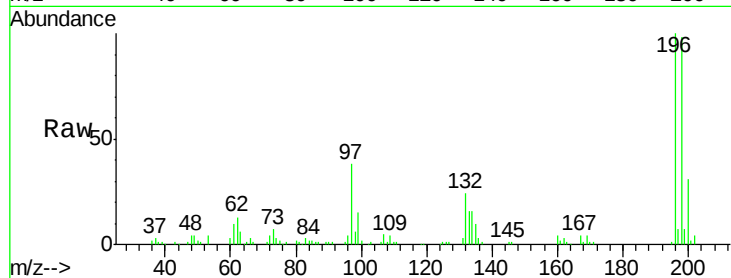




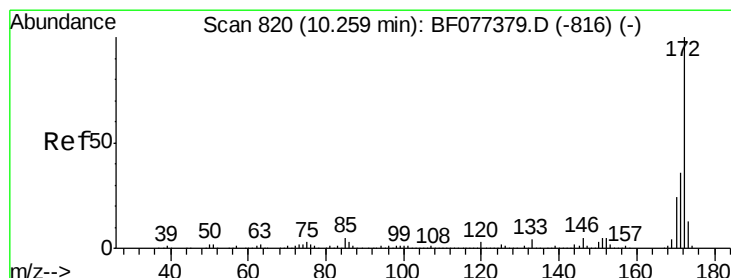
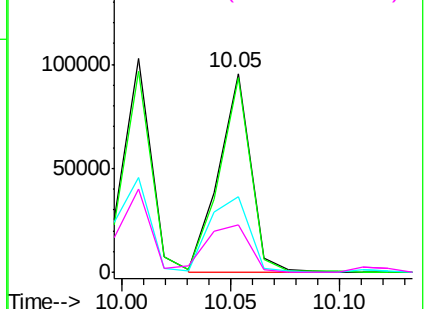
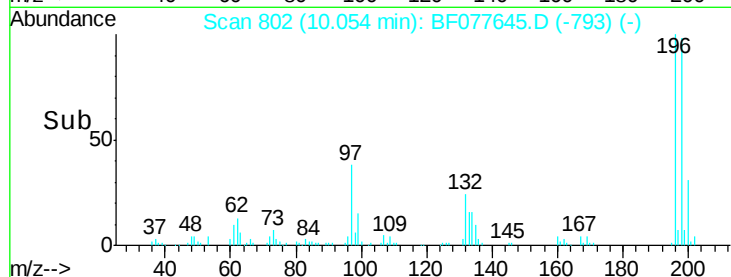
#43
2,4,5-Trichlorophenol
Concen: 39.37 ng
RT: 10.05 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF077645.D
Acq: 9 Mar 2015 18:35

Instrument :
BNA_F
ClientSampleId :
PB82012BS

Tgt Ion:196 Resp: 96755
Ion Ratio Lower Upper
196 100
198 98.0 77.2 115.8
97 38.2 27.7 41.5
132 24.1 18.0 27.0

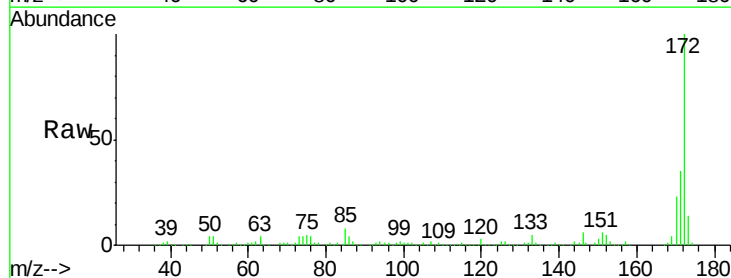


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

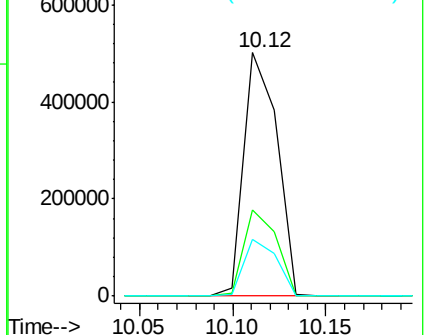
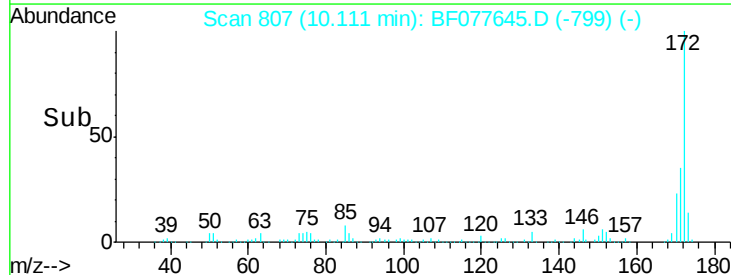


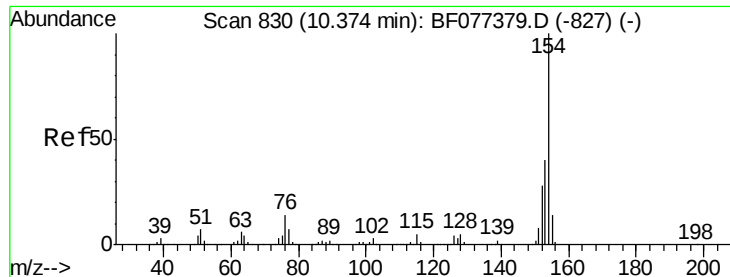
#44
2-Fluorobiphenyl
Concen: 79.72 ng
RT: 10.12 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF077645.D
Acq: 9 Mar 2015 18:35

Tgt Ion:172 Resp: 618416
Ion Ratio Lower Upper
172 100
171 35.1 28.9 43.3
170 23.3 19.4 29.2



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

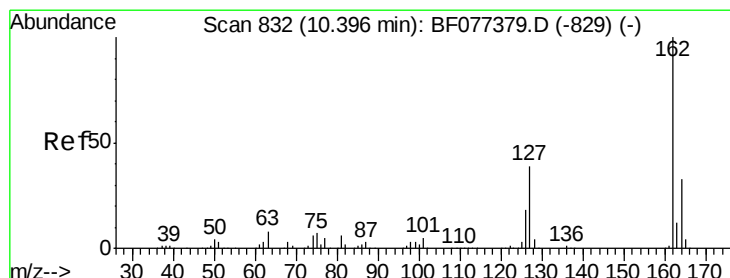
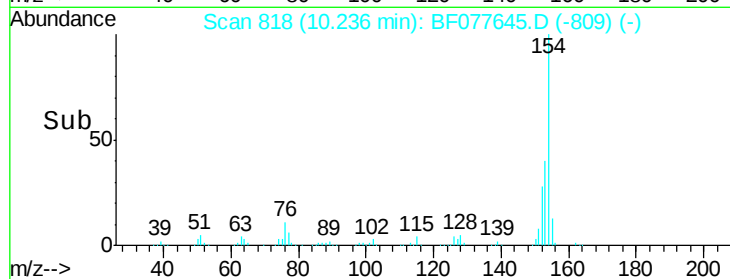
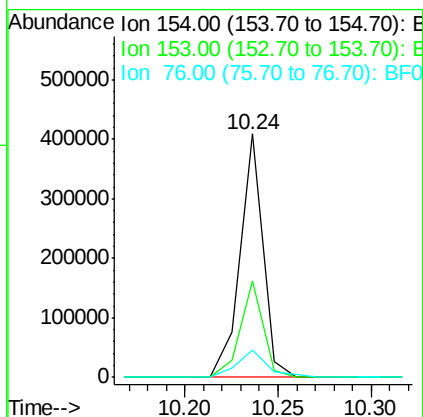
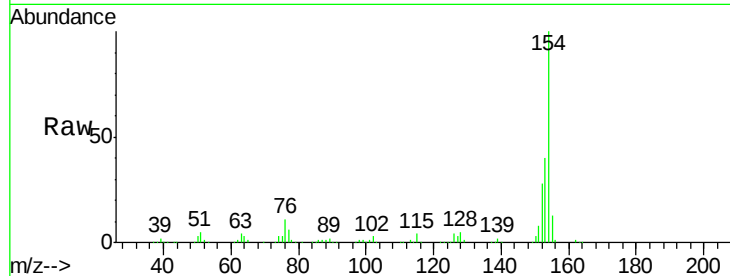




#45
 1,1'-Biphenyl
 Concen: 38.32 ng
 RT: 10.24 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF077645.D
 Acq: 9 Mar 2015 18:35

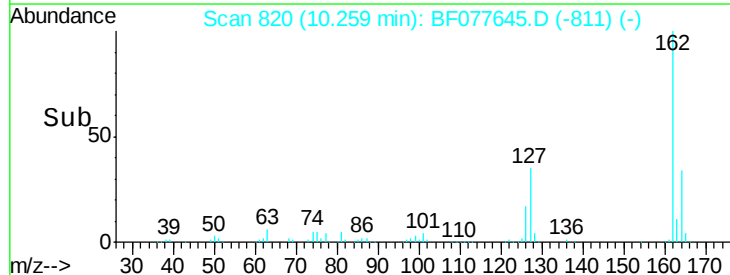
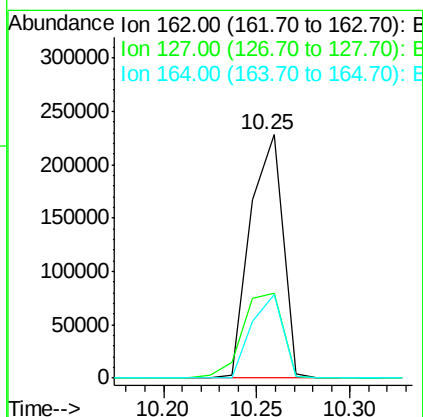
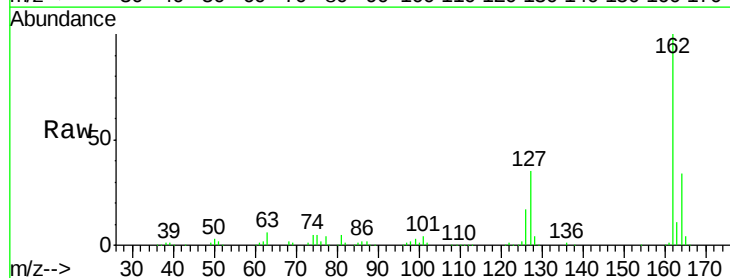
Instrument :
 BNA_F
 ClientSampled :
 PB82012BS

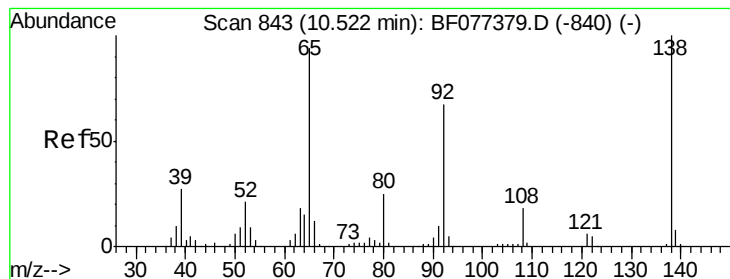
Tgt Ion:154 Resp: 351166
 Ion Ratio Lower Upper
 154 100
 153 39.6 20.2 60.2
 76 11.3 0.0 29.4



#46
 2-Chloronaphthalene
 Concen: 38.32 ng
 RT: 10.25 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF077645.D
 Acq: 9 Mar 2015 18:35

Tgt Ion:162 Resp: 275390
 Ion Ratio Lower Upper
 162 100
 127 35.1 33.3 49.9
 164 34.2 26.2 39.4





#47

2-Nitroaniline

Concen: 45.02 ng

RT: 10.38 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF077645.D

Acq: 9 Mar 2015 18:35

Instrument :

BNA_F

ClientSampleId :

PB82012BS

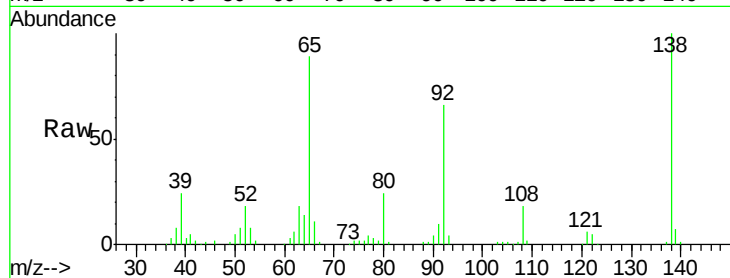
Tgt Ion: 65 Resp: 79647

Ion Ratio Lower Upper

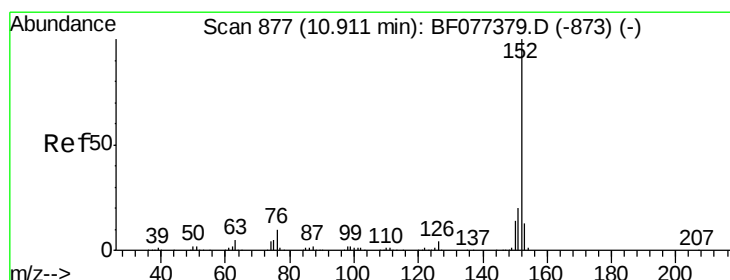
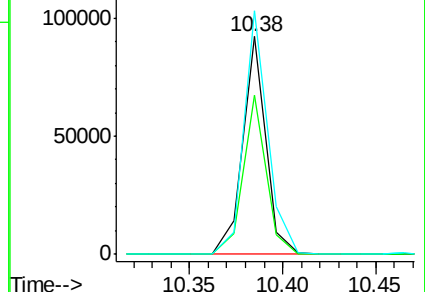
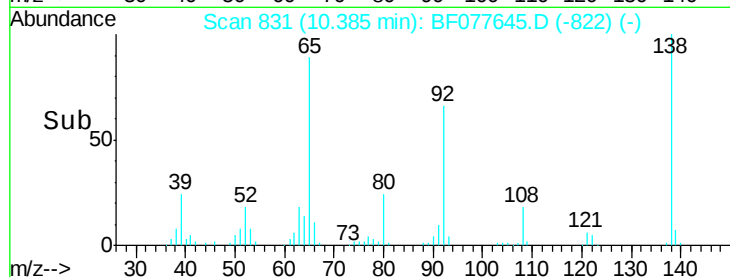
65 100

92 73.4 52.4 78.6

138 112.0 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): E



#48

Acenaphthylene

Concen: 39.54 ng

RT: 10.76 min Scan# 864

Delta R.T. -0.00 min

Lab File: BF077645.D

Acq: 9 Mar 2015 18:35

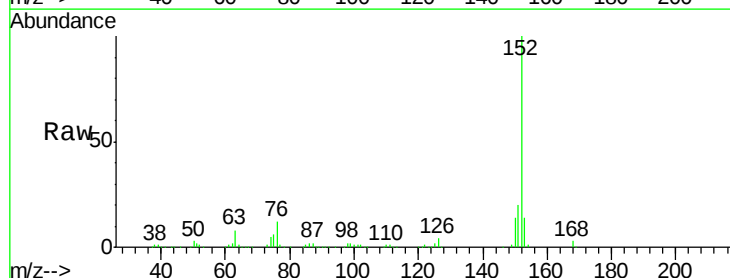
Tgt Ion: 152 Resp: 449864

Ion Ratio Lower Upper

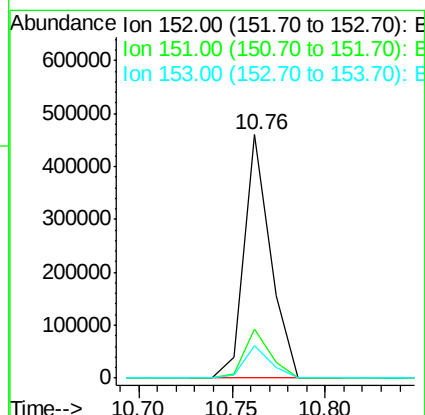
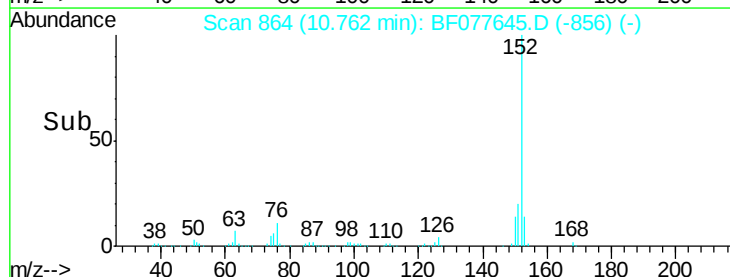
152 100

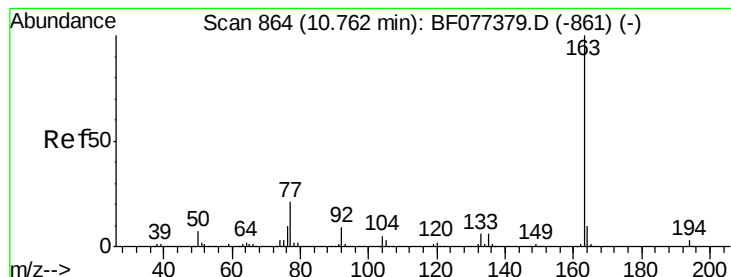
151 20.4 16.1 24.1

153 13.5 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 39.63 ng

RT: 10.62 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF077645.D

Acq: 9 Mar 2015 18:35

Instrument :

BNA_F

ClientSampleId :

PB82012BS

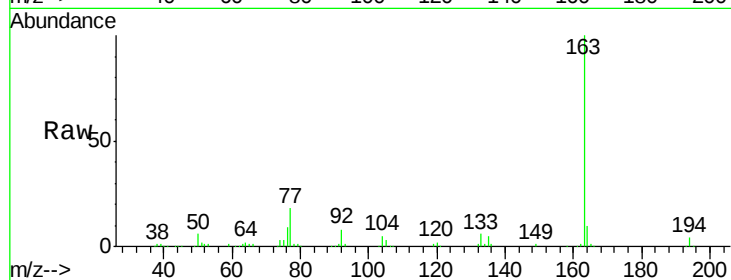
Tgt Ion:163 Resp: 336988

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

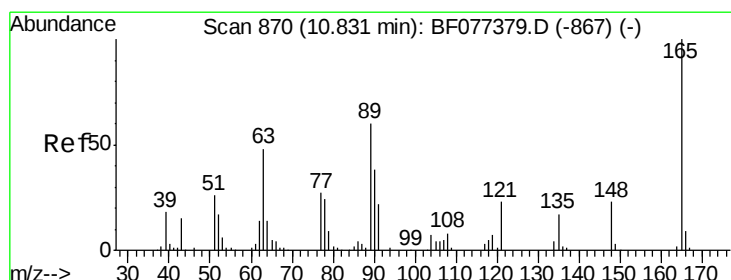
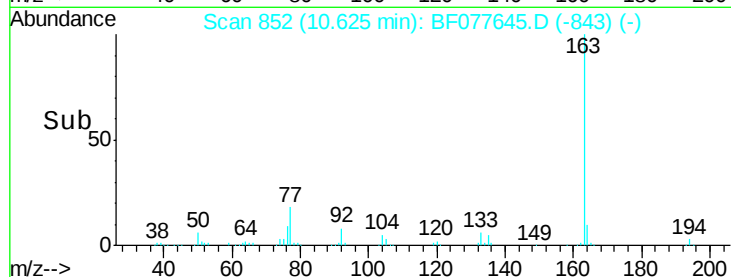
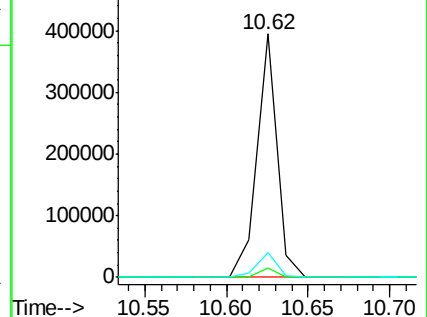
164 9.9 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.94 ng

RT: 10.70 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF077645.D

Acq: 9 Mar 2015 18:35

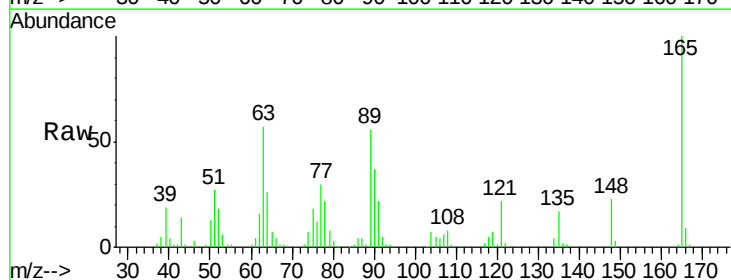
Tgt Ion:165 Resp: 71508

Ion Ratio Lower Upper

165 100

63 57.3 25.2 37.8#

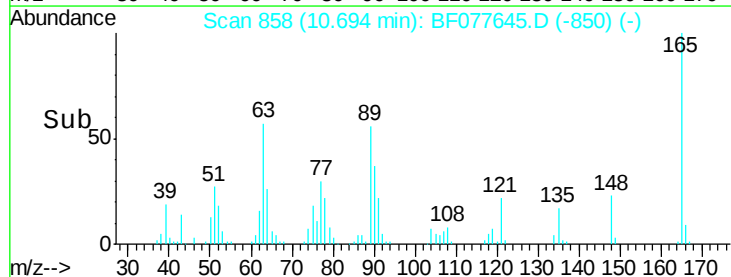
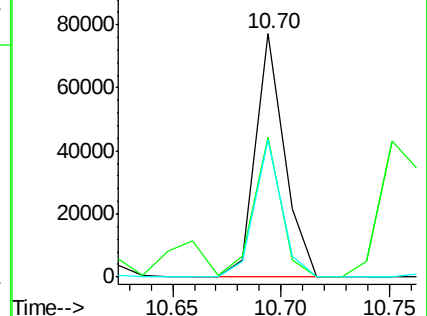
89 56.5 30.5 45.7#

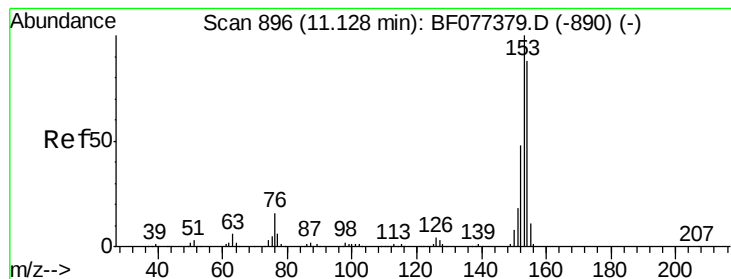


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.56 ng

RT: 10.98 min Scan# 883

Delta R.T. -0.00 min

Lab File: BF077645.D

Acq: 9 Mar 2015 18:35

Instrument :

BNA_F

ClientSampleId :

PB82012BS

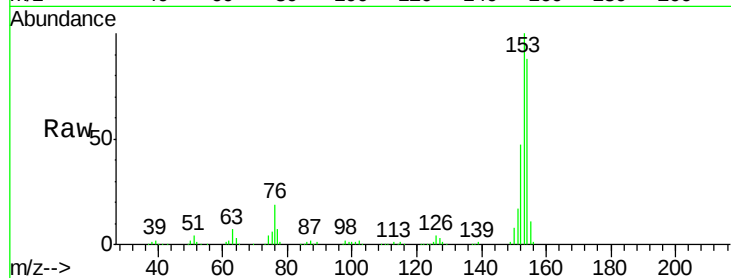
Tgt Ion:154 Resp: 255030

Ion Ratio Lower Upper

154 100

153 113.8 90.5 135.7

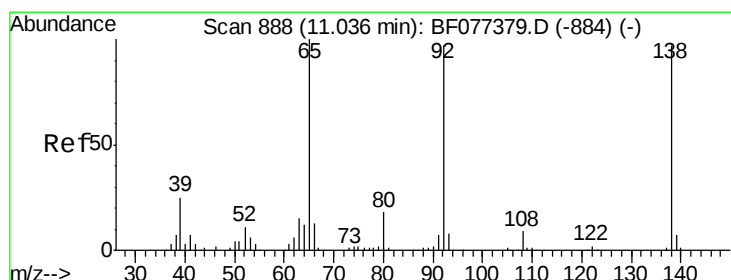
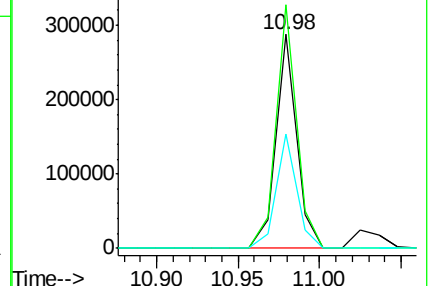
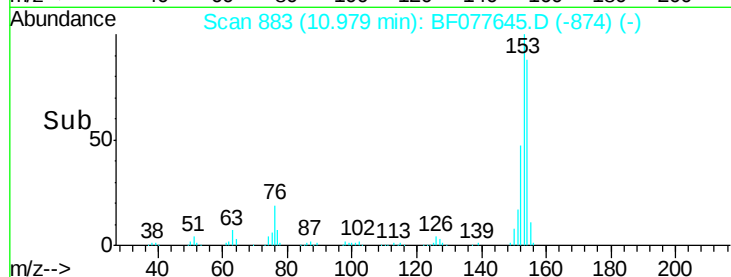
152 53.6 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 30.33 ng

RT: 10.89 min Scan# 876

Delta R.T. -0.00 min

Lab File: BF077645.D

Acq: 9 Mar 2015 18:35

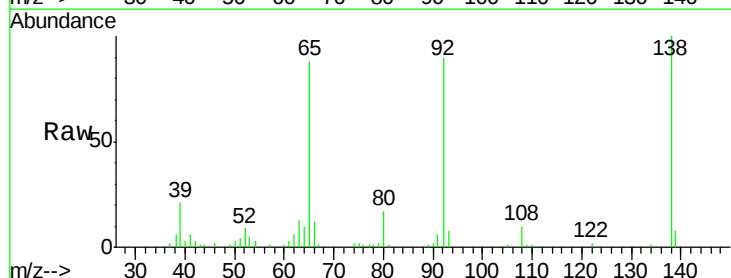
Tgt Ion:138 Resp: 59632

Ion Ratio Lower Upper

138 100

108 9.7 7.8 11.8

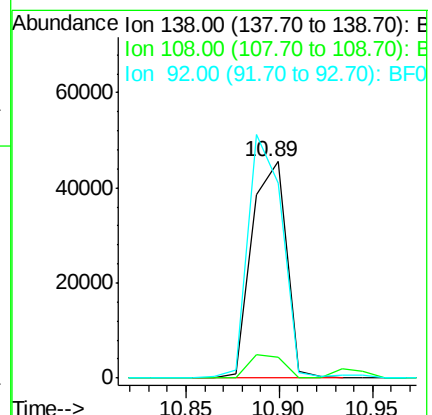
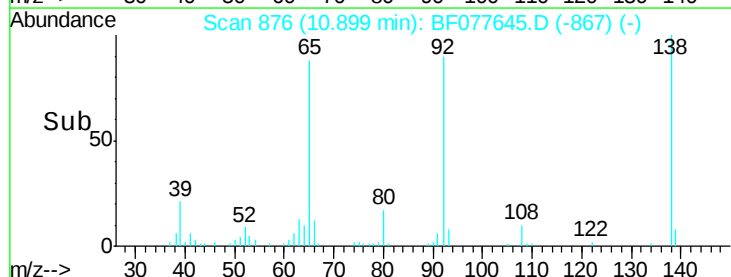
92 89.8 90.6 135.8#

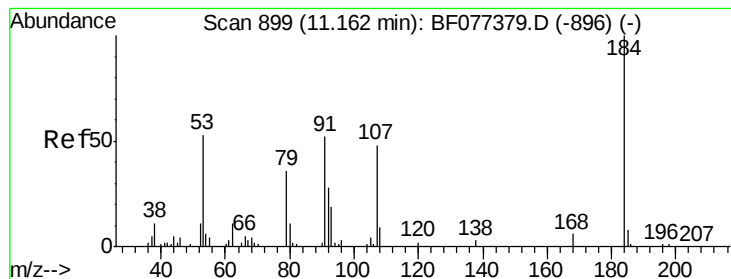


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 91.46 ng

RT: 11.03 min Scan# 888

Delta R.T. -0.00 min

Lab File: BF077645.D

Acq: 9 Mar 2015 18:35

Instrument :

BNA_F

ClientSampleId :

PB82012BS

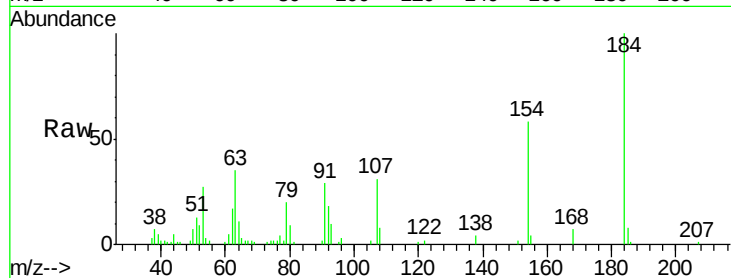
Tgt Ion:184 Resp: 47455

Ion Ratio Lower Upper

184 100

63 35.3 29.5 44.3

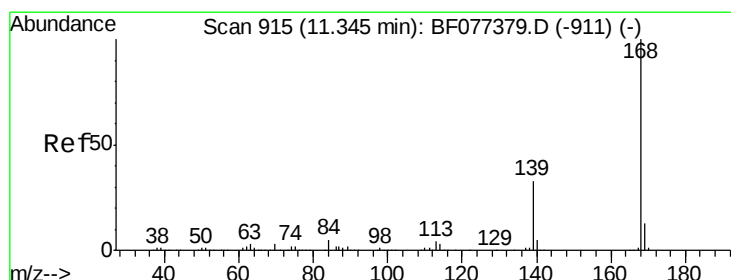
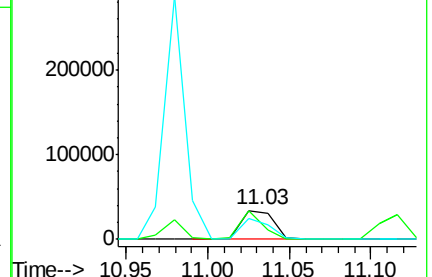
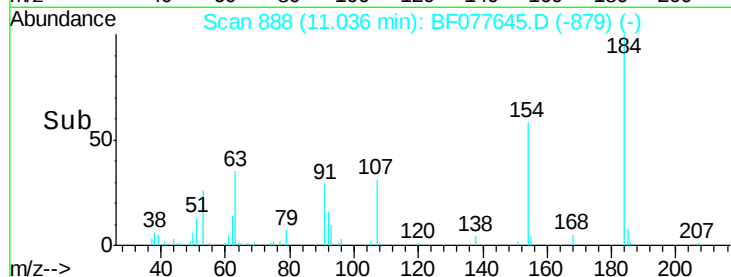
154 58.1 43.2 64.8



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: 39.05 ng

RT: 11.20 min Scan# 902

Delta R.T. -0.00 min

Lab File: BF077645.D

Acq: 9 Mar 2015 18:35

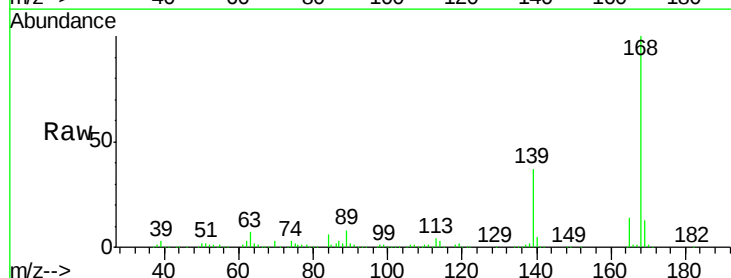
Tgt Ion:168 Resp: 409333

Ion Ratio Lower Upper

168 100

139 36.6 29.3 43.9

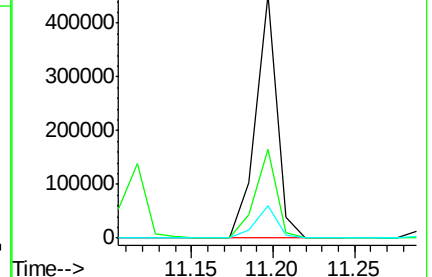
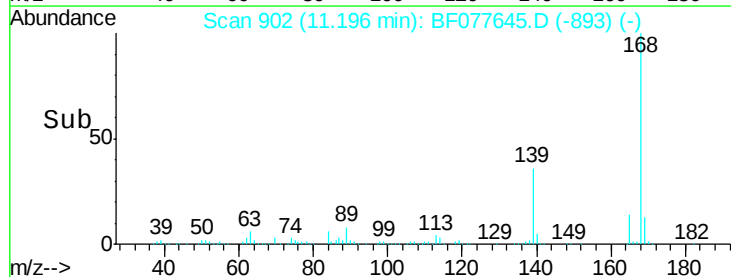
169 13.3 10.9 16.3

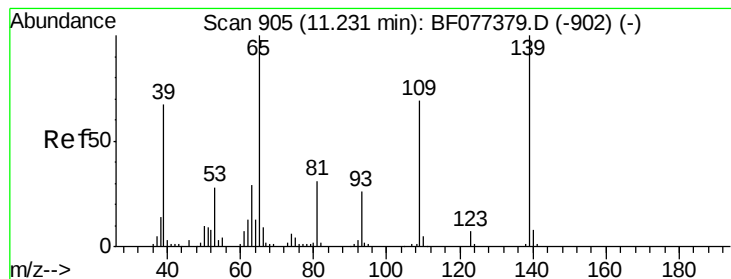


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 89.32 ng

RT: 11.11 min Scan# 895

Delta R.T. 0.00 min

Lab File: BF077645.D

Acq: 9 Mar 2015 18:35

Instrument :

BNA_F

ClientSampleId :

PB82012BS

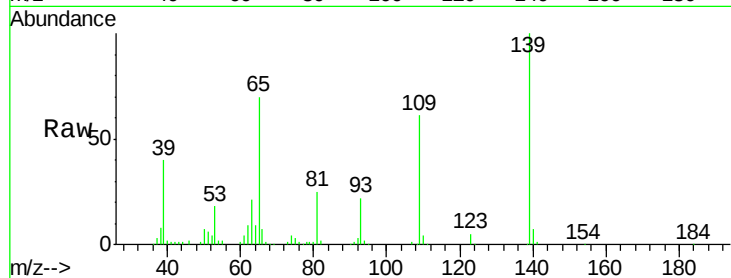
Tgt Ion:139 Resp: 141241

Ion Ratio Lower Upper

139 100

109 61.0 36.2 76.2

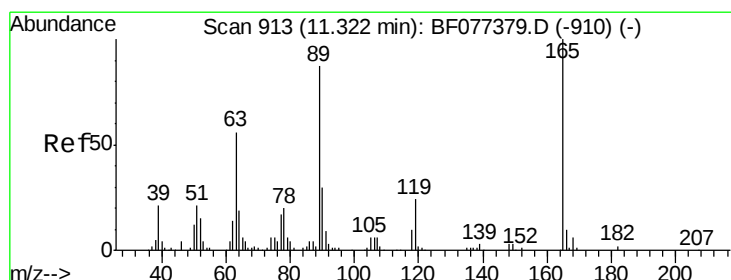
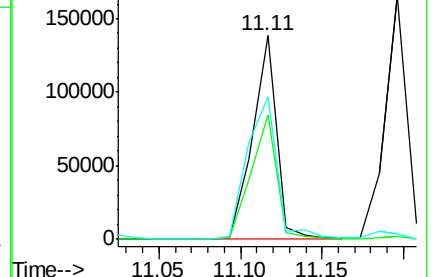
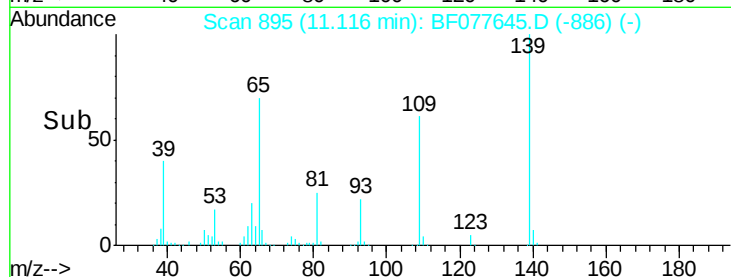
65 70.0 40.3 80.3



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



#56

2,4-Dinitrotoluene

Concen: 40.53 ng

RT: 11.19 min Scan# 901

Delta R.T. -0.00 min

Lab File: BF077645.D

Acq: 9 Mar 2015 18:35

Tgt Ion:165 Resp: 93378

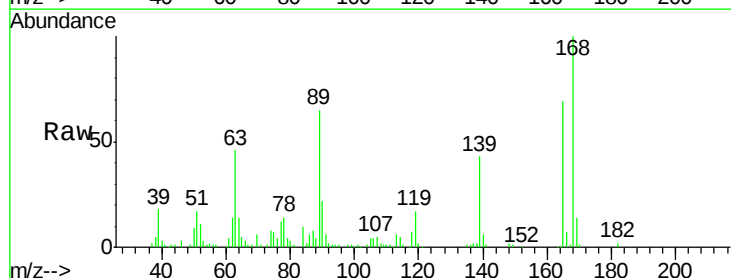
Ion Ratio Lower Upper

165 100

63 67.2 29.8 44.8#

89 94.1 48.5 72.7#

182 2.2 1.9 2.9

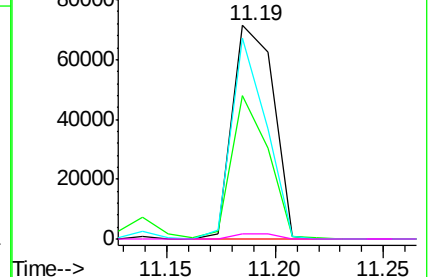
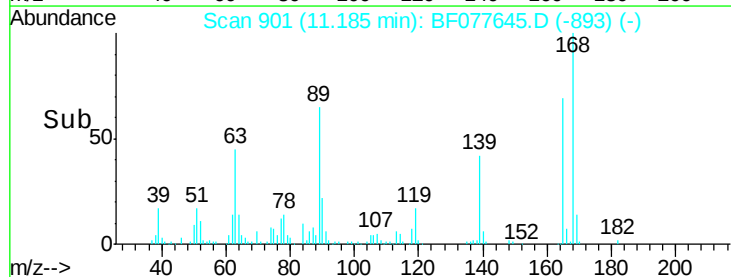


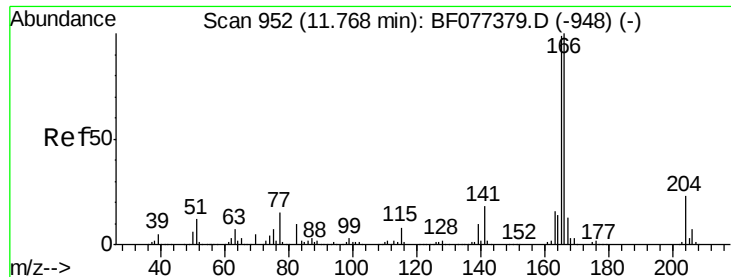
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

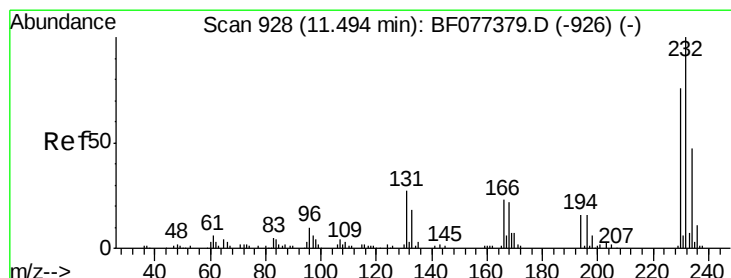
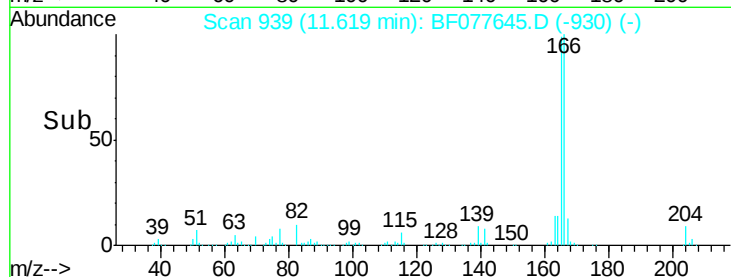
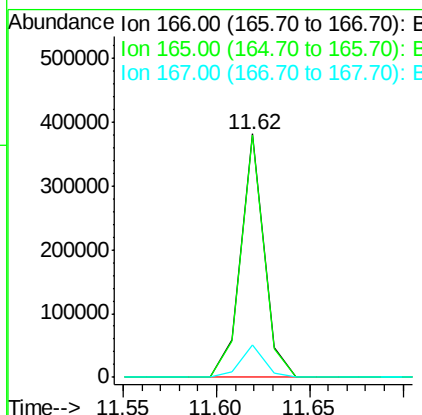
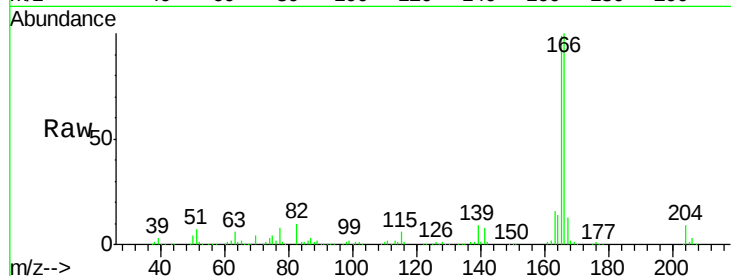




#57
 Fluorene
 Concen: 39.92 ng
 RT: 11.62 min Scan# 939
 Delta R.T. -0.00 min
 Lab File: BF077645.D
 Acq: 9 Mar 2015 18:35

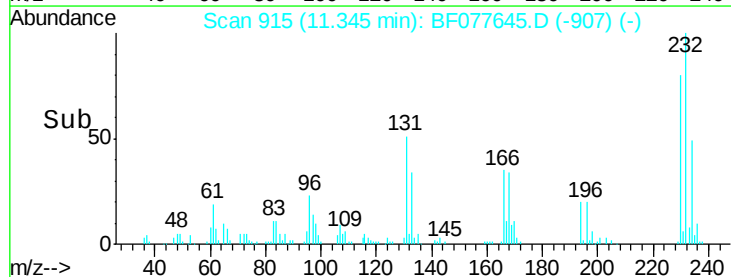
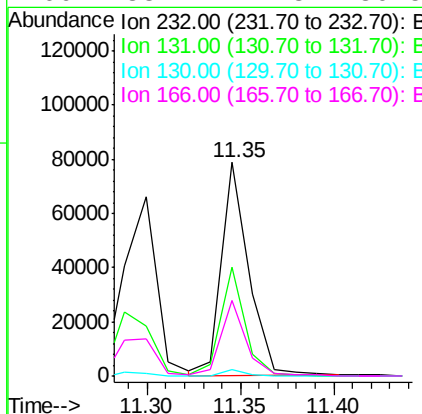
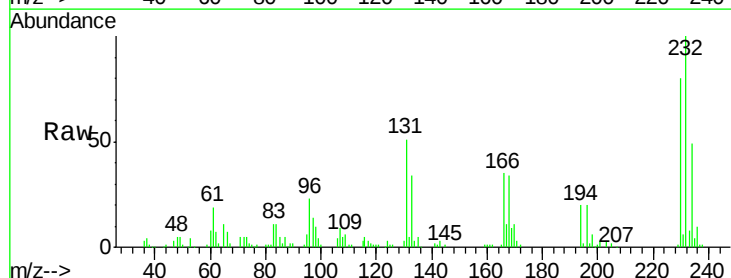
Instrument :
 BNA_F
 ClientSampleId :
 PB82012BS

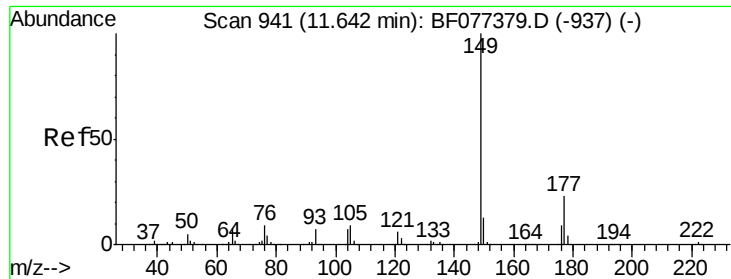
Tgt Ion:166 Resp: 334609
 Ion Ratio Lower Upper
 166 100
 165 99.5 77.6 116.4
 167 13.1 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.41 ng
 RT: 11.35 min Scan# 915
 Delta R.T. -0.00 min
 Lab File: BF077645.D
 Acq: 9 Mar 2015 18:35

Tgt Ion:232 Resp: 79854
 Ion Ratio Lower Upper
 232 100
 131 46.4 34.2 51.2
 130 2.3 1.8 2.6
 166 33.2 24.3 36.5

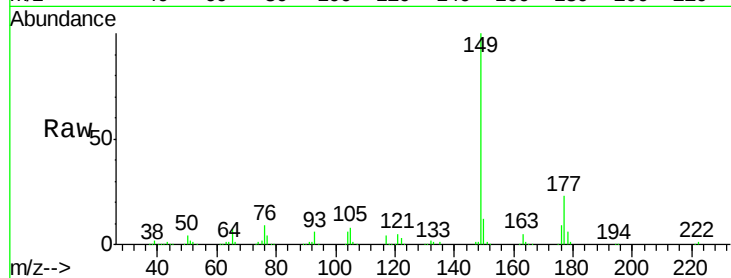




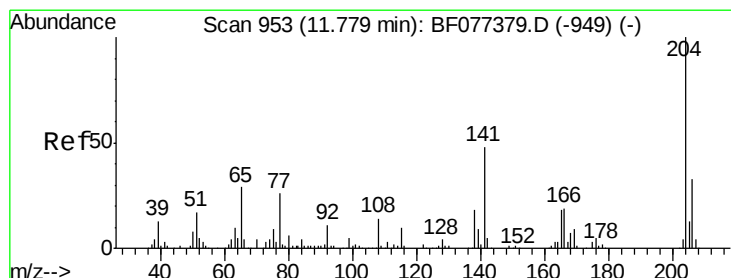
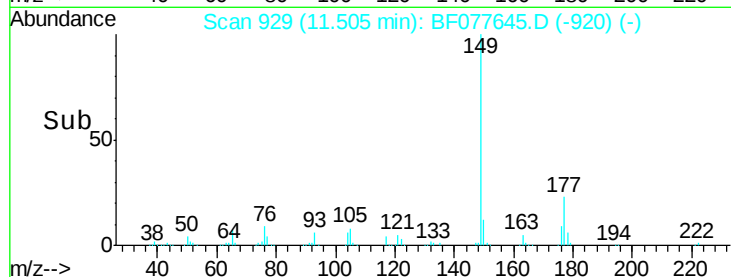
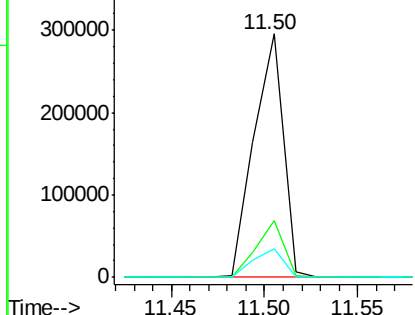
#59
Diethylphthalate
Concen: 38.30 ng
RT: 11.50 min Scan# 929
Delta R.T. -0.00 min
Lab File: BF077645.D
Acq: 9 Mar 2015 18:35

Instrument :
BNA_F
ClientSampleId :
PB82012BS

Tgt Ion:149 Resp: 321079
Ion Ratio Lower Upper
149 100
177 23.3 17.2 25.8
150 12.0 10.5 15.7

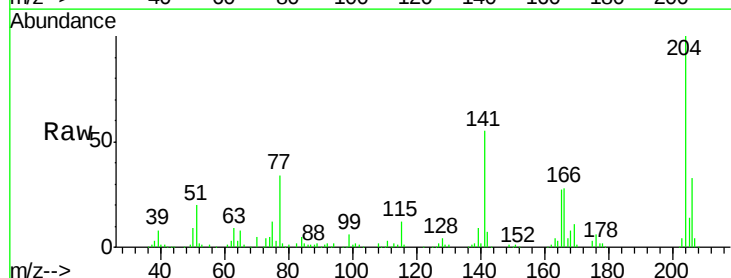


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

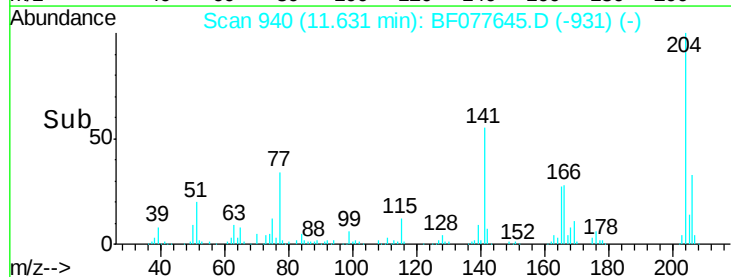
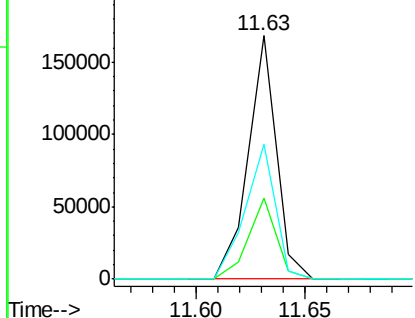


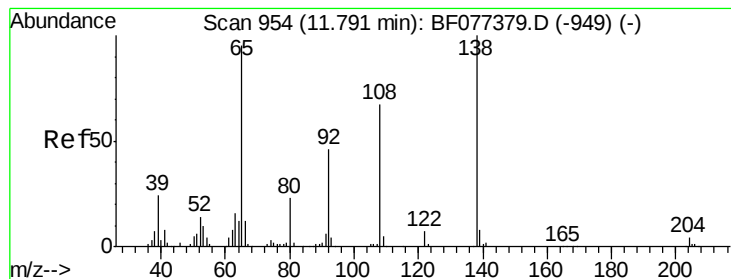
#60
4-Chlorophenyl-phenylether
Concen: 37.49 ng
RT: 11.63 min Scan# 940
Delta R.T. -0.00 min
Lab File: BF077645.D
Acq: 9 Mar 2015 18:35

Tgt Ion:204 Resp: 151394
Ion Ratio Lower Upper
204 100
206 33.3 25.9 38.9
141 55.2 43.6 65.4



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





#61

4-Nitroaniline

Concen: 42.87 ng

RT: 11.65 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF077645.D

Acq: 9 Mar 2015 18:35

Instrument :

BNA_F

ClientSampleId :

PB82012BS

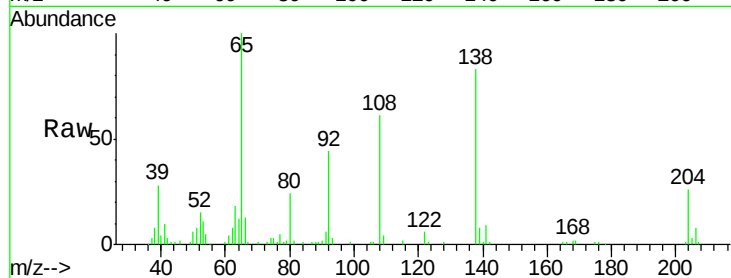
Tgt Ion:138 Resp: 80784

Ion Ratio Lower Upper

138 100

92 53.2 32.8 72.8

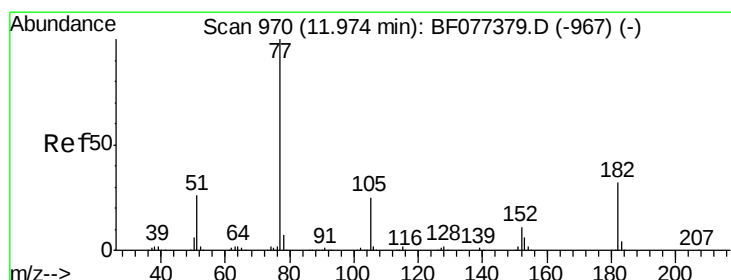
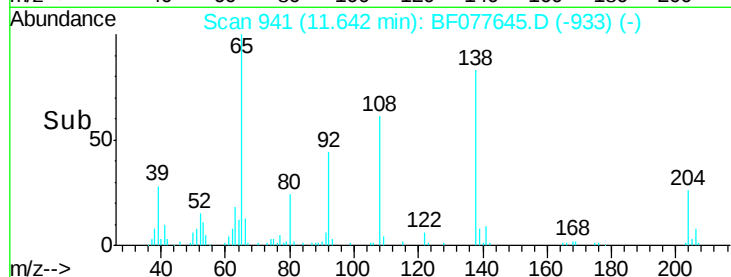
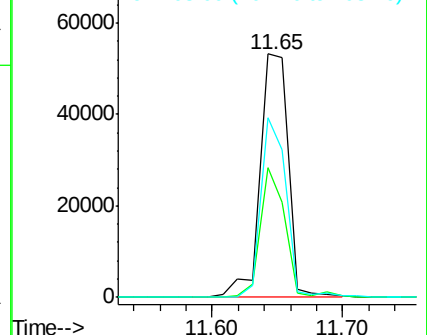
108 73.9 52.1 92.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.68 ng

RT: 11.82 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF077645.D

Acq: 9 Mar 2015 18:35

Tgt Ion: 77 Resp: 315565

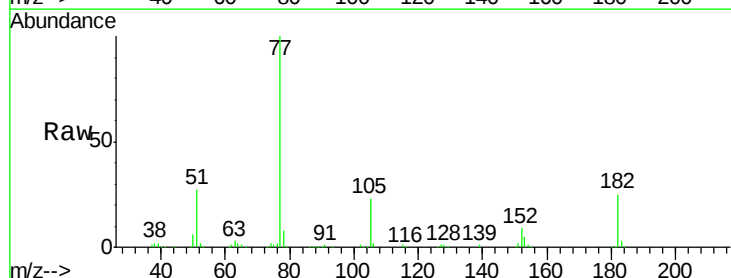
Ion Ratio Lower Upper

77 100

182 24.6 4.9 44.9

105 23.3 3.3 43.3

51 27.4 8.9 48.9

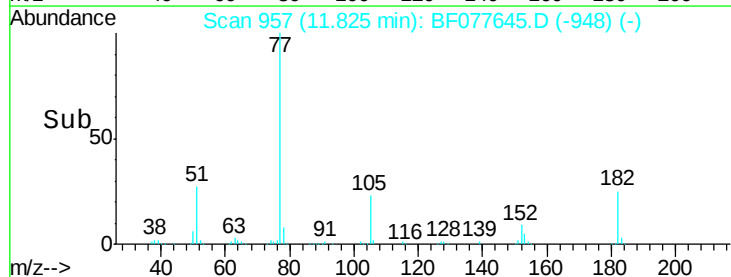
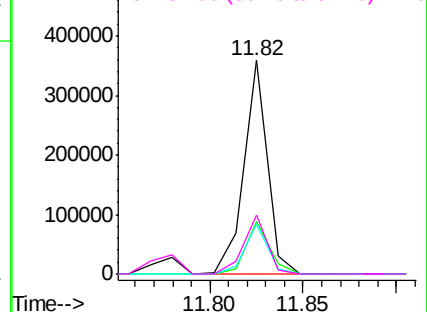


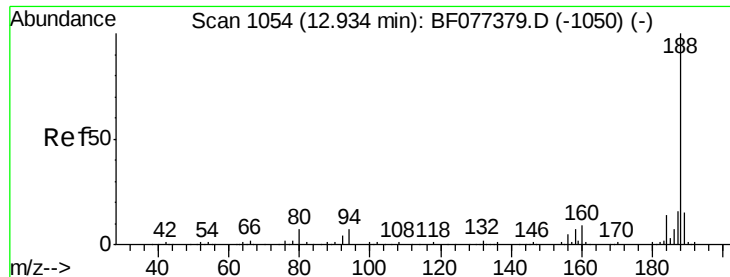
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

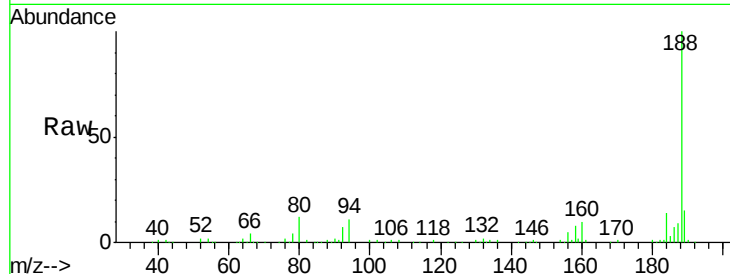




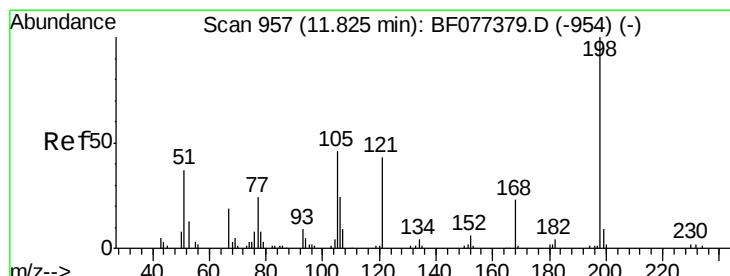
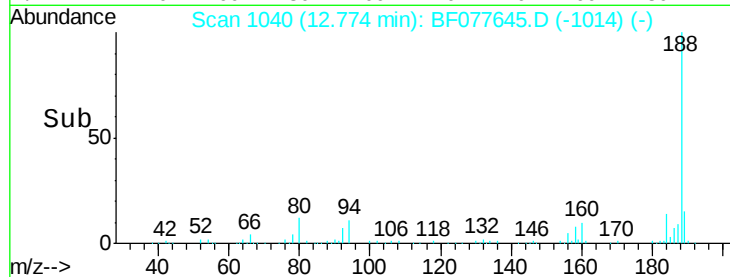
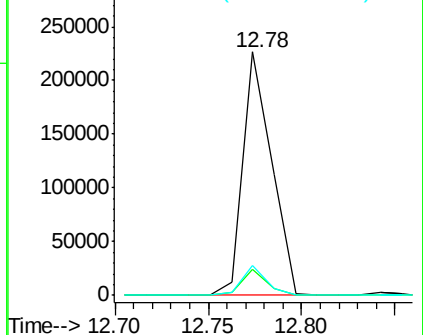
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.78 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF077645.D
Acq: 9 Mar 2015 18:35

Instrument :
BNA_F
ClientSampleId :
PB82012BS

Tgt Ion:188 Resp: 242419
Ion Ratio Lower Upper
188 100
94 10.9 7.4 11.2
80 12.0 8.0 12.0#

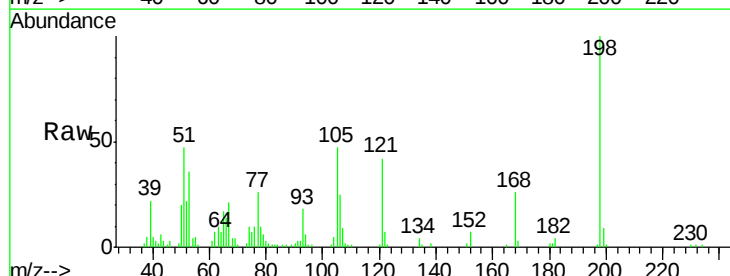


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

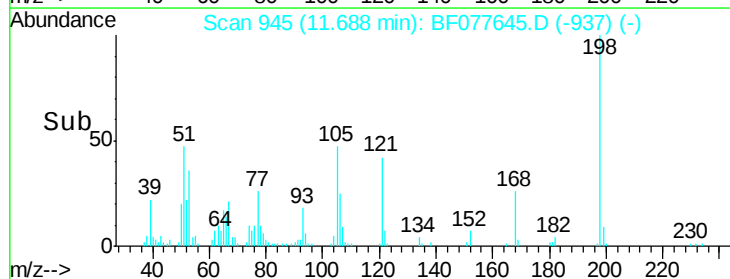
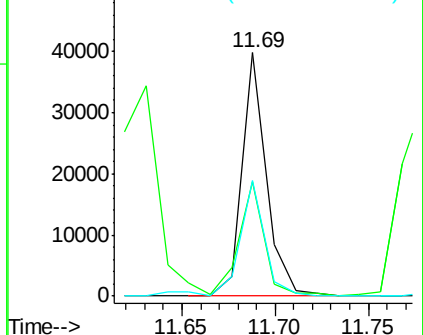


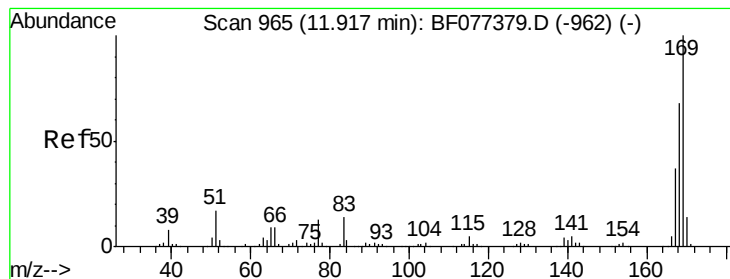
#64
4,6-Dinitro-2-methylphenol
Concen: 38.26 ng
RT: 11.69 min Scan# 945
Delta R.T. -0.00 min
Lab File: BF077645.D
Acq: 9 Mar 2015 18:35

Tgt Ion:198 Resp: 36219
Ion Ratio Lower Upper
198 100
51 47.2 2.7 42.7#
105 47.4 10.0 50.0



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

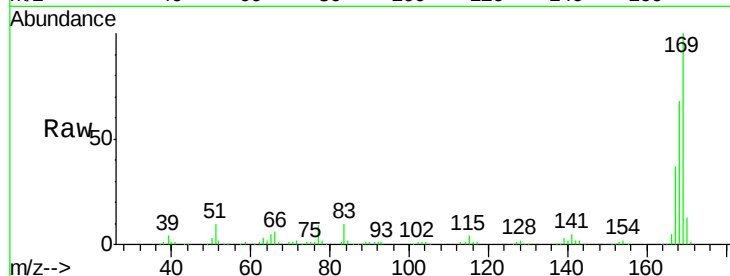




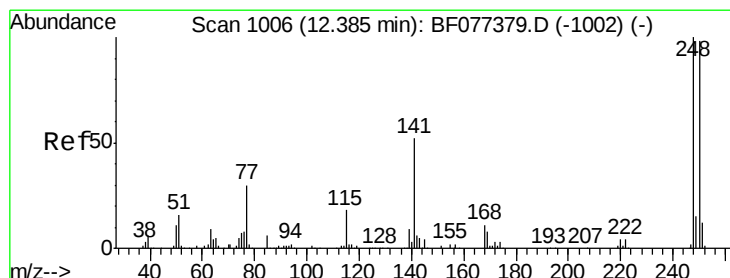
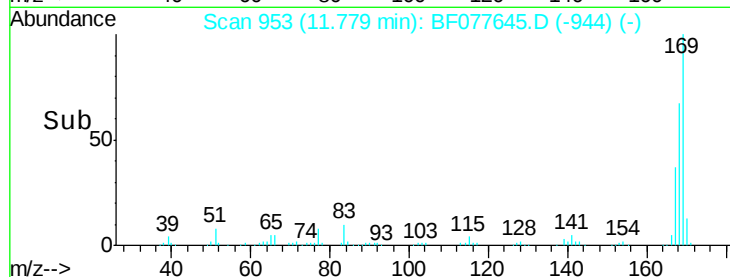
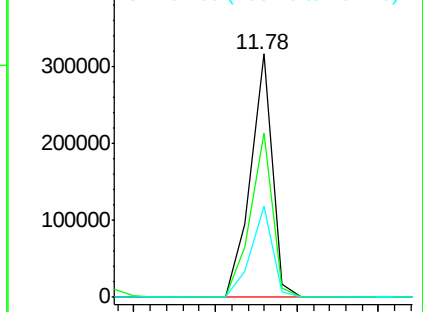
#65
 n-Nitrosodiphenylamine
 Concen: 36.72 ng
 RT: 11.78 min Scan# 953
 Delta R.T. -0.00 min
 Lab File: BF077645.D
 Acq: 9 Mar 2015 18:35

Instrument :
 BNA_F
 ClientSampleId :
 PB82012BS

Tgt Ion:169 Resp: 295388
 Ion Ratio Lower Upper
 169 100
 168 67.7 53.0 79.6
 167 37.3 29.5 44.3

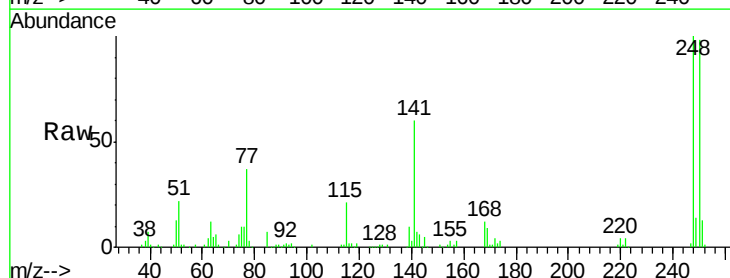


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

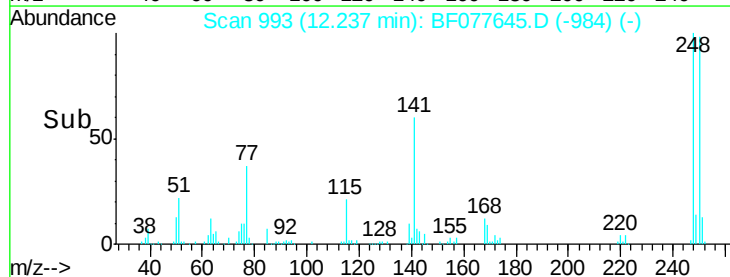
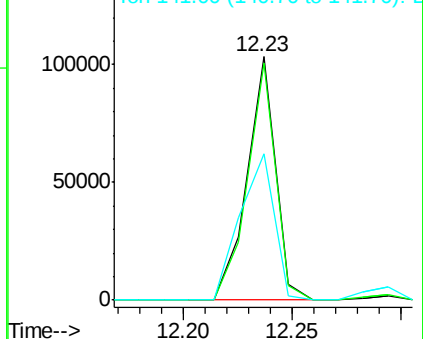


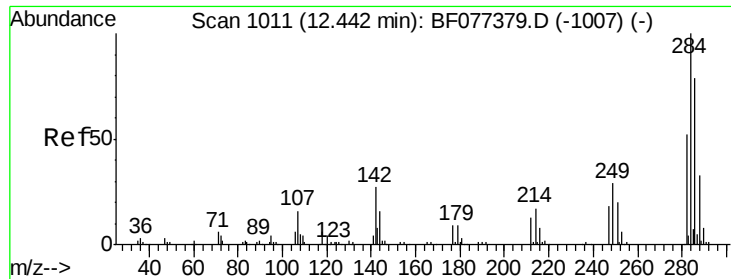
#66
 4-Bromophenyl-phenylether
 Concen: 33.02 ng
 RT: 12.23 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: BF077645.D
 Acq: 9 Mar 2015 18:35

Tgt Ion:248 Resp: 93735
 Ion Ratio Lower Upper
 248 100
 250 97.5 78.0 117.0
 141 60.2 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

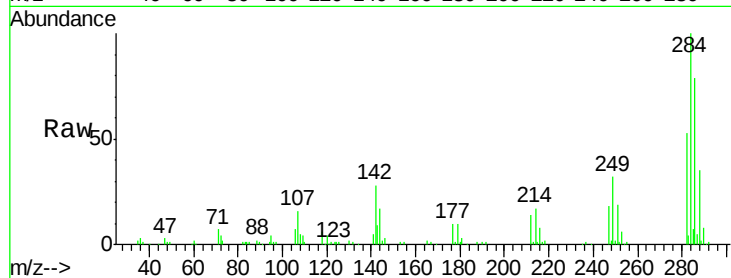




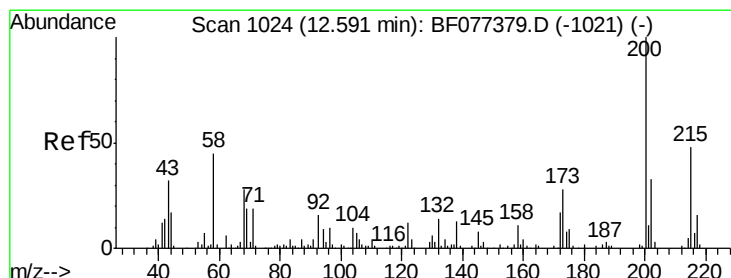
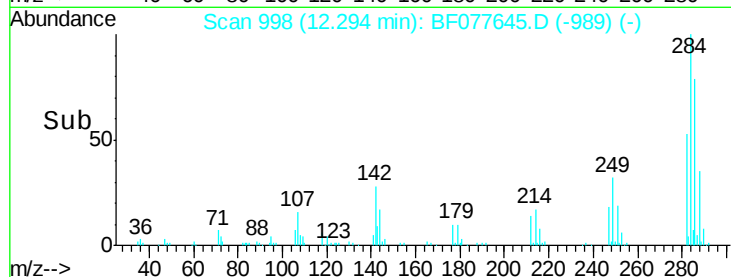
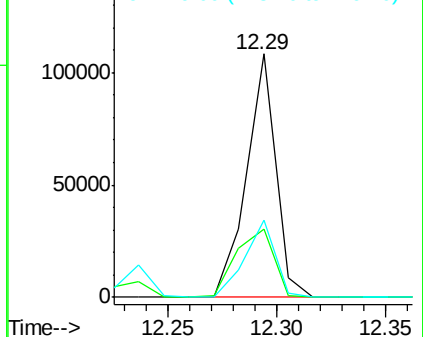
#67
Hexachlorobenzene
Concen: 33.23 ng
RT: 12.29 min Scan# 998
Delta R.T. -0.00 min
Lab File: BF077645.D
Acq: 9 Mar 2015 18:35

Instrument :
BNA_F
ClientSampled :
PB82012BS

Tgt Ion: 284 Resp: 101259
Ion Ratio Lower Upper
284 100
142 28.1 31.6 47.4#
249 31.6 27.0 40.4

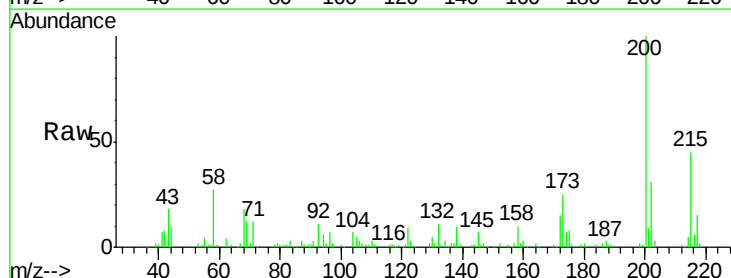


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

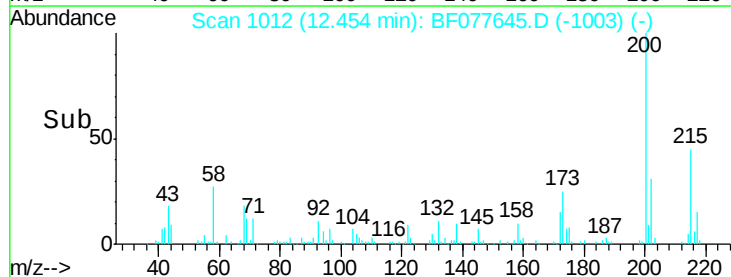
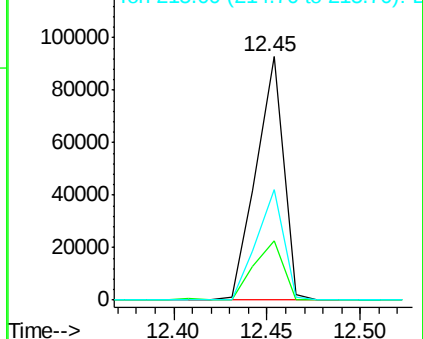


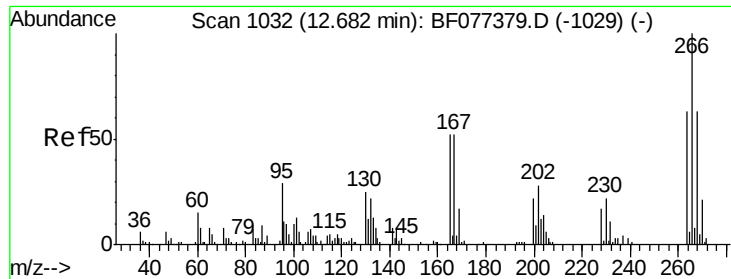
#68
Atrazine
Concen: 36.03 ng
RT: 12.45 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF077645.D
Acq: 9 Mar 2015 18:35

Tgt Ion: 200 Resp: 94210
Ion Ratio Lower Upper
200 100
173 24.5 9.6 49.6
215 45.2 24.4 64.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

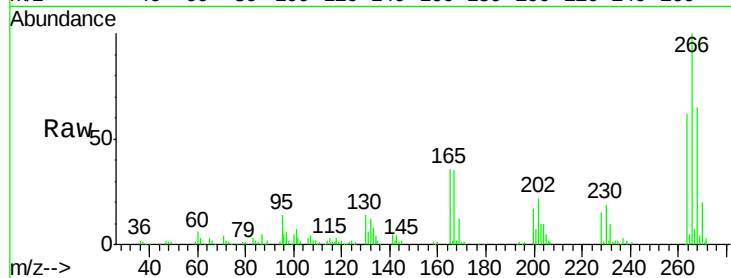




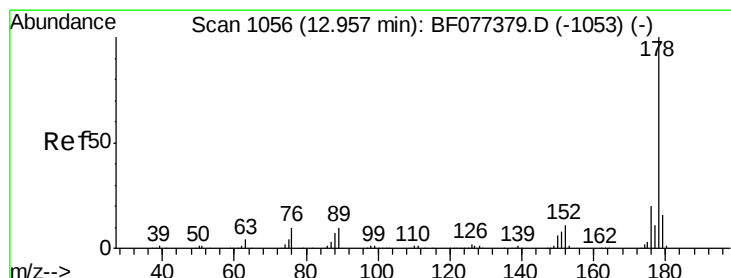
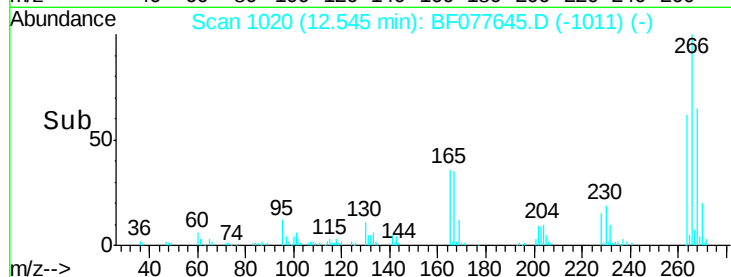
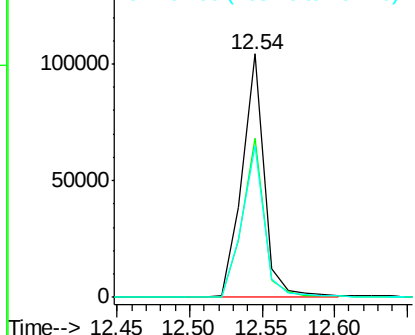
#69
 Pentachlorophenol
 Concen: 69.42 ng
 RT: 12.54 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BF077645.D
 Acq: 9 Mar 2015 18:35

Instrument :
 BNA_F
 ClientSampleId :
 PB82012BS

Tgt Ion:266 Resp: 111170
 Ion Ratio Lower Upper
 266 100
 268 65.3 51.2 76.8
 264 62.1 50.7 76.1

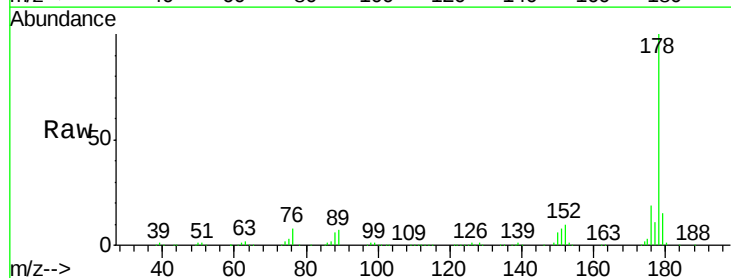


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

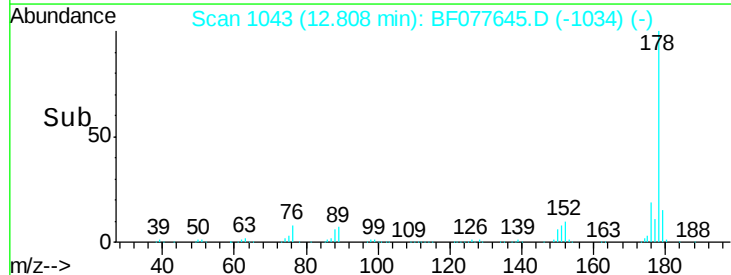
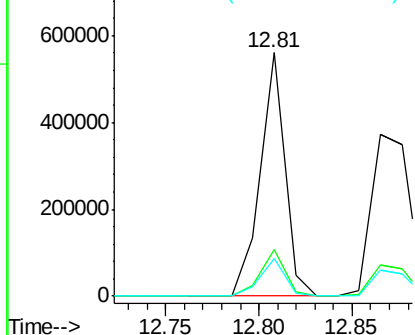


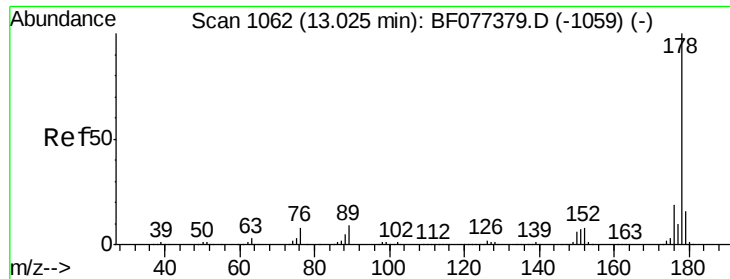
#70
 Phenanthrene
 Concen: 36.36 ng
 RT: 12.81 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BF077645.D
 Acq: 9 Mar 2015 18:35

Tgt Ion:178 Resp: 510832
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.5 23.3
 179 15.3 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

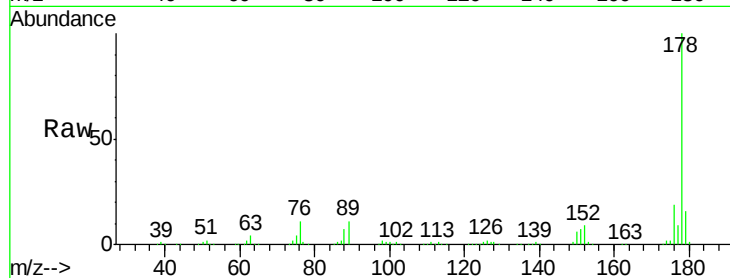




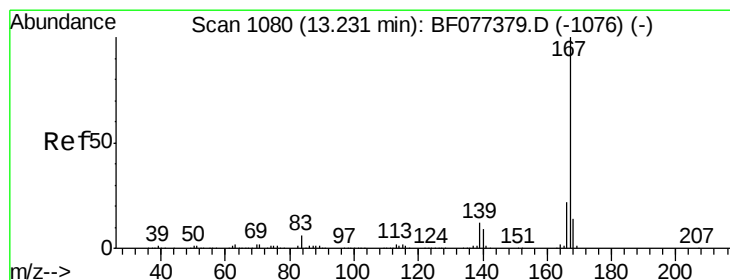
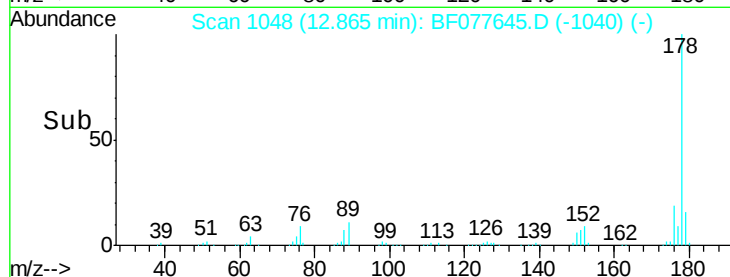
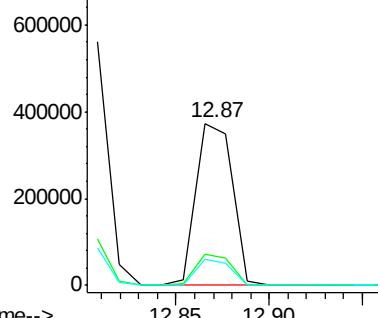
#71
 Anthracene
 Concen: 36.63 ng
 RT: 12.87 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BF077645.D
 Acq: 9 Mar 2015 18:35

Instrument :
 BNA_F
 ClientSampleId :
 PB82012BS

Tgt Ion:178 Resp: 510765
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.0
 179 15.7 12.9 19.3

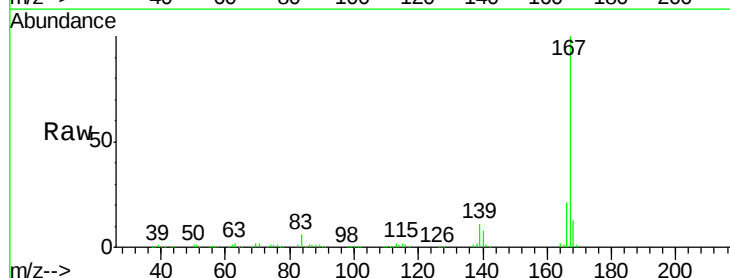


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

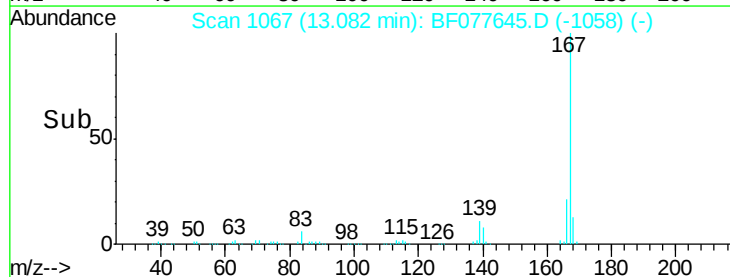
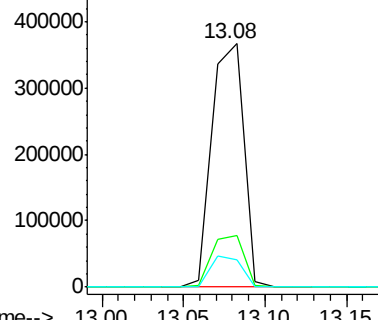


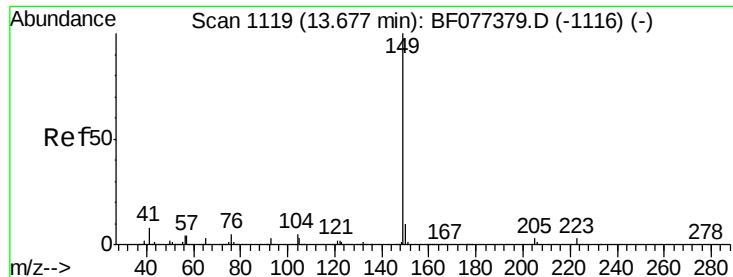
#72
 Carbazole
 Concen: 37.51 ng
 RT: 13.08 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: BF077645.D
 Acq: 9 Mar 2015 18:35

Tgt Ion:167 Resp: 497235
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.6 26.4
 139 11.3 9.9 14.9



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





#73

Di-n-butylphthalate

Concen: 32.86 ng

RT: 13.53 min Scan# 1106

Delta R.T. -0.00 min

Lab File: BF077645.D

Acq: 9 Mar 2015 18:35

Instrument :

BNA_F

ClientSampleId :

PB82012BS

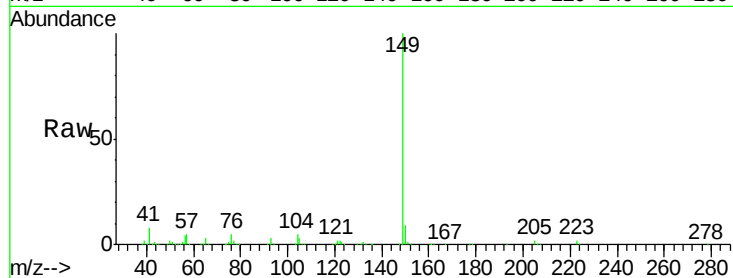
Tgt Ion:149 Resp: 511615

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.8

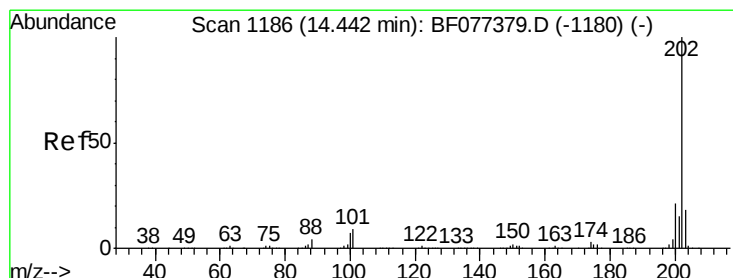
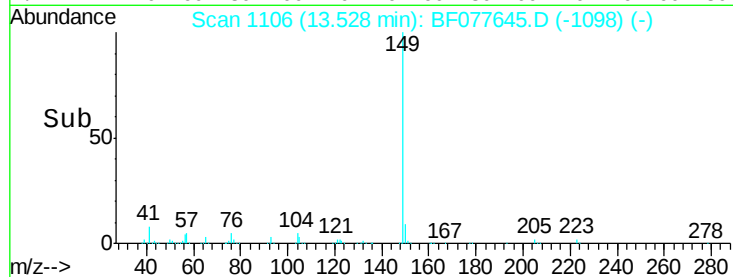
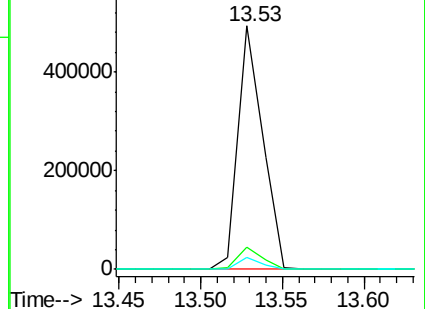
104 4.9 4.1 6.1



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: 36.35 ng

RT: 14.28 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BF077645.D

Acq: 9 Mar 2015 18:35

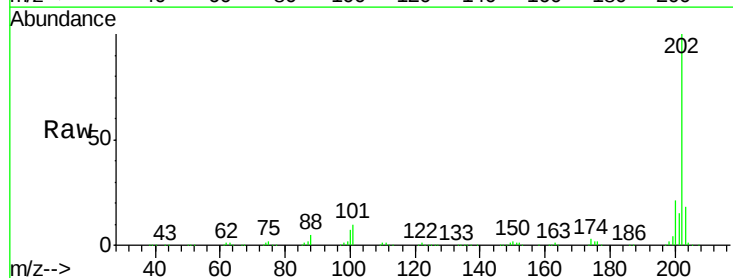
Tgt Ion:202 Resp: 557906

Ion Ratio Lower Upper

202 100

101 9.8 0.0 30.8

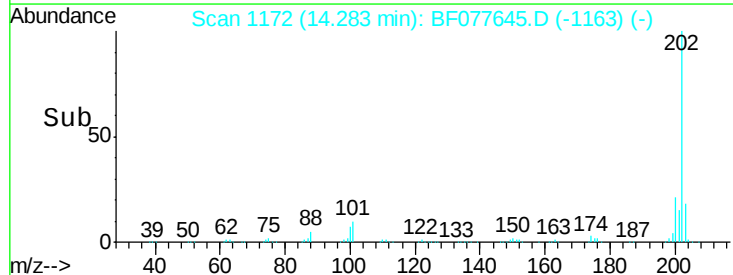
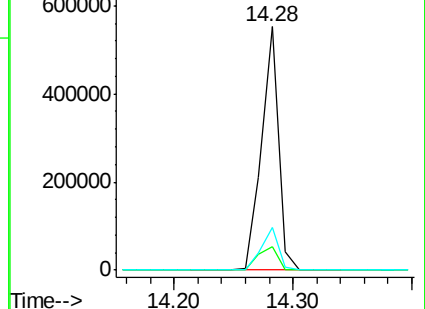
203 17.6 0.0 37.7

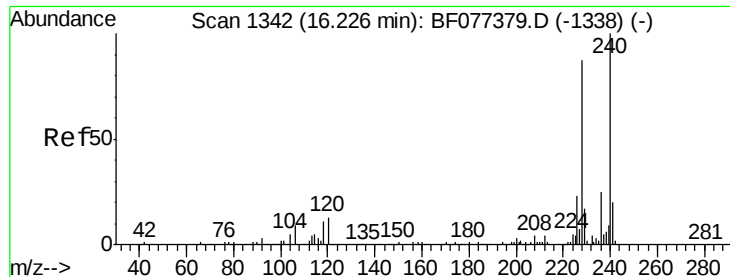


Abundance Ion 202.00 (201.70 to 202.70): E

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# 1329

Delta R.T. 0.01 min

Lab File: BF077645.D

Acq: 9 Mar 2015 18:35

Instrument :

BNA_F

ClientSampleId :

PB82012BS

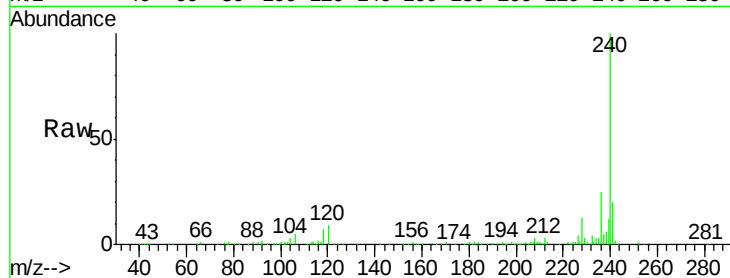
Tgt Ion:240 Resp: 263911

Ion Ratio Lower Upper

240 100

120 8.6 8.8 13.2#

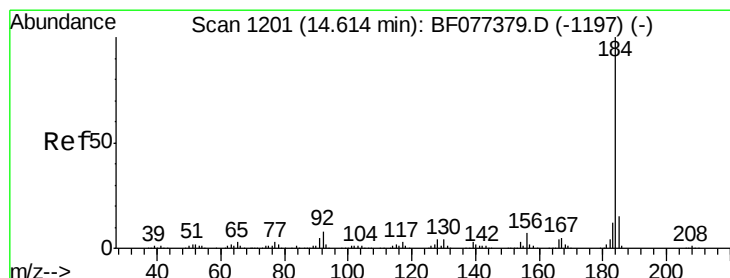
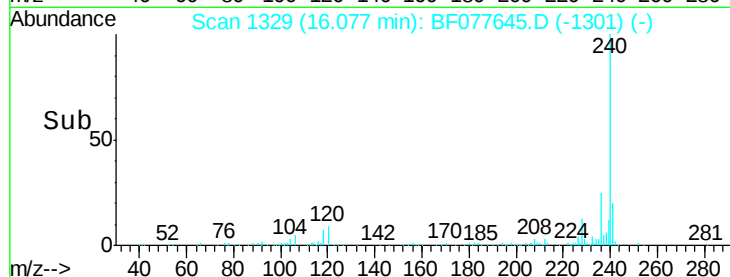
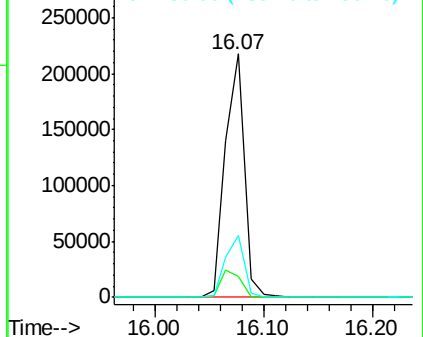
236 25.2 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 23.47 ng

RT: 14.46 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BF077645.D

Acq: 9 Mar 2015 18:35

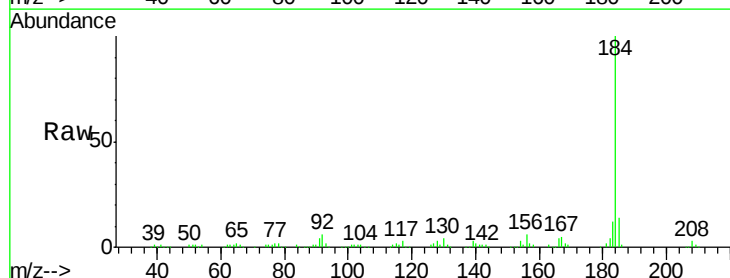
Tgt Ion:184 Resp: 209268

Ion Ratio Lower Upper

184 100

185 14.3 12.6 18.8

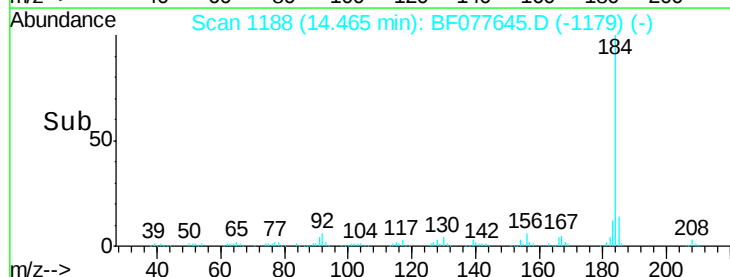
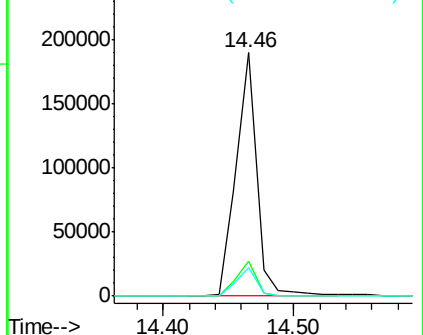
183 11.6 9.3 13.9

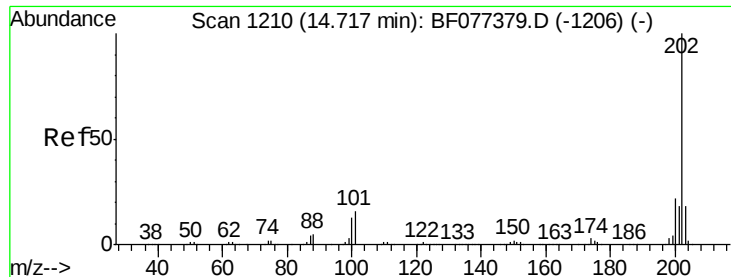


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

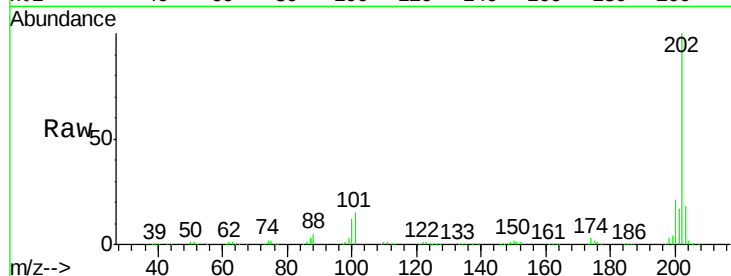




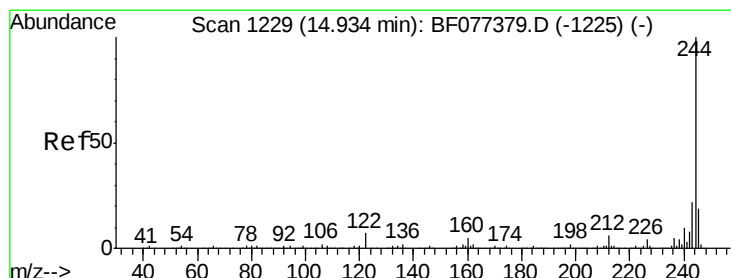
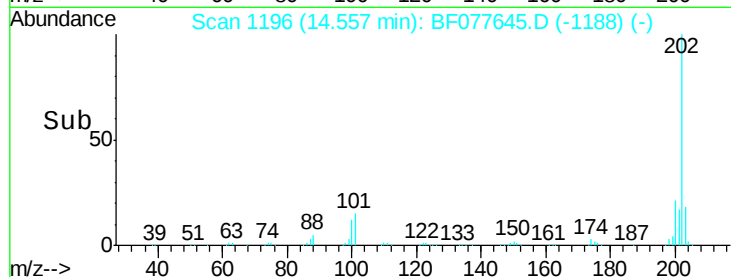
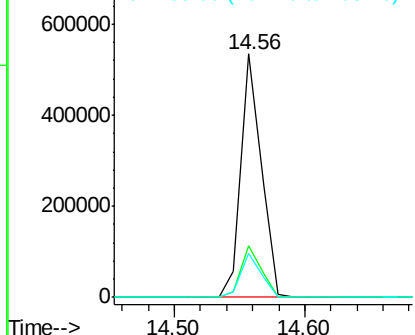
#77
 Pyrene
 Concen: 35.89 ng
 RT: 14.56 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF077645.D
 Acq: 9 Mar 2015 18:35

Instrument :
 BNA_F
 ClientSampleId :
 PB82012BS

Tgt Ion: 202 Resp: 579321
 Ion Ratio Lower Upper
 202 100
 200 21.4 17.1 25.7
 203 18.2 14.2 21.2

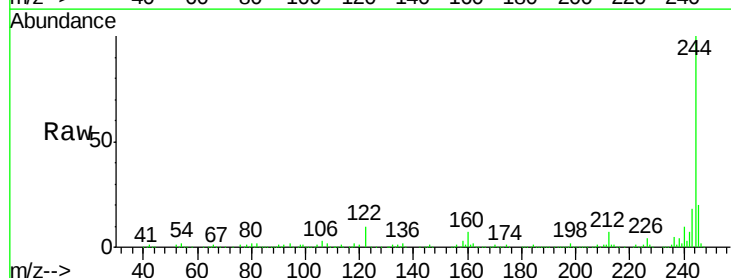


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

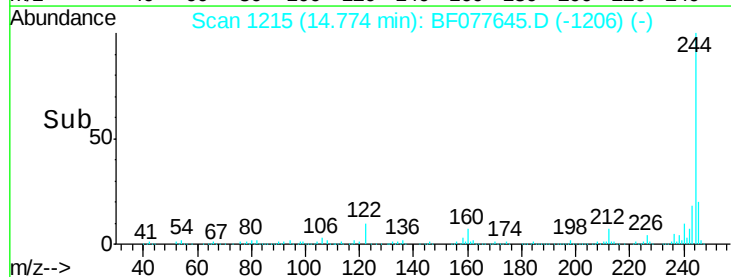
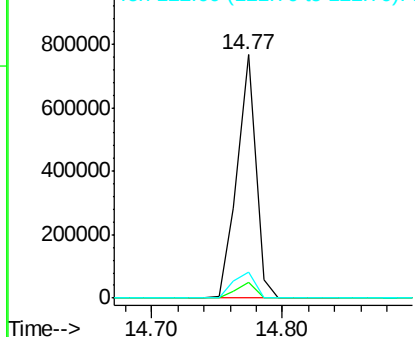


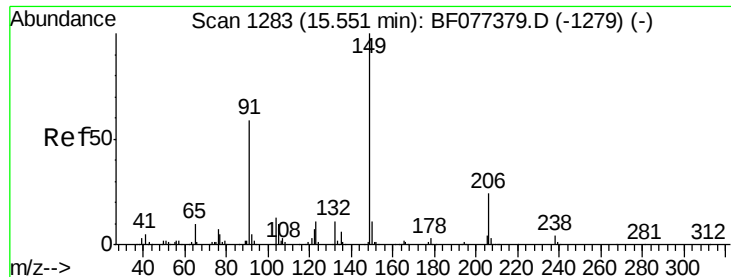
#78
 Terphenyl-d14
 Concen: 67.93 ng
 RT: 14.77 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BF077645.D
 Acq: 9 Mar 2015 18:35

Tgt Ion: 244 Resp: 766844
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.2 7.8
 122 10.4 7.8 11.8



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

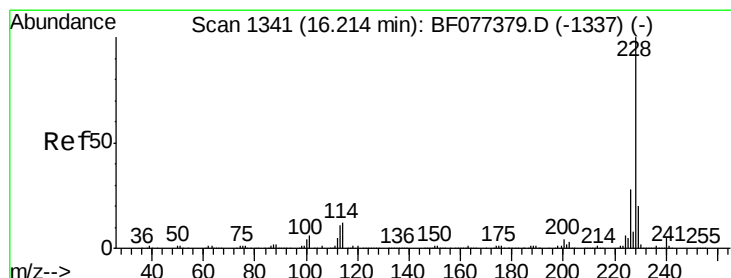
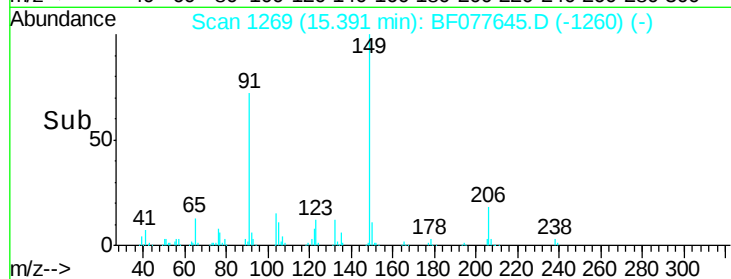
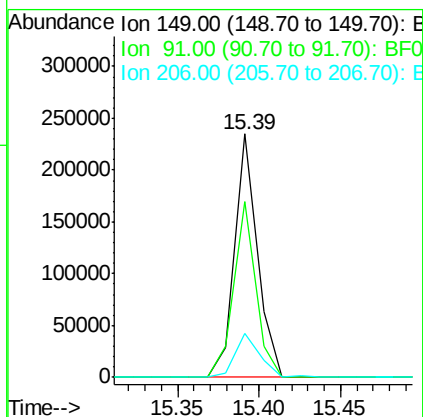
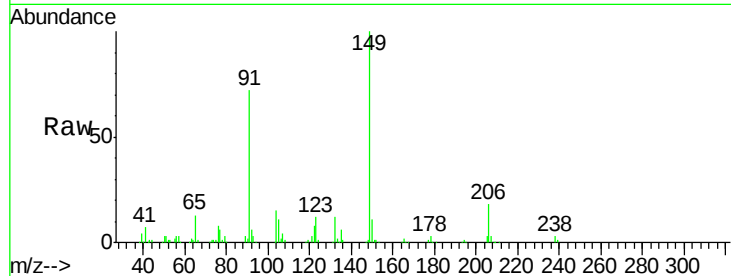




#79
Butylbenzylphthalate
Concen: 33.99 ng
RT: 15.39 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF077645.D
Acq: 9 Mar 2015 18:35

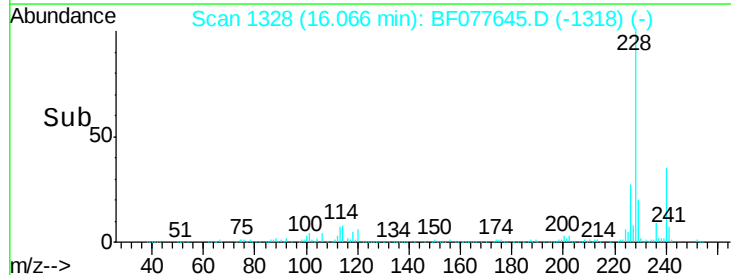
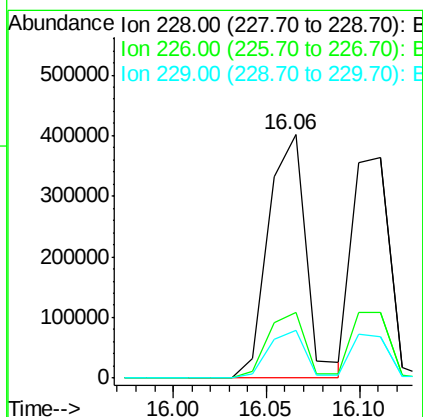
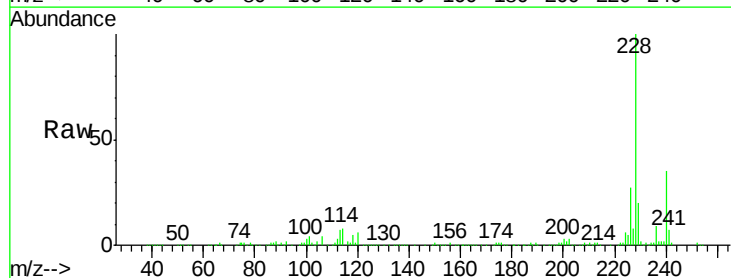
Instrument :
BNA_F
ClientSampleId :
PB82012BS

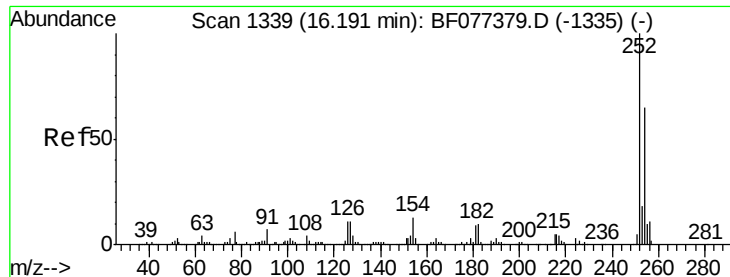
Tgt Ion:149 Resp: 225748
Ion Ratio Lower Upper
149 100
91 72.1 51.2 76.8
206 17.9 17.8 26.8



#80
Benzo(a)anthracene
Concen: 36.36 ng
RT: 16.06 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF077645.D
Acq: 9 Mar 2015 18:35

Tgt Ion:228 Resp: 562430
Ion Ratio Lower Upper
228 100
226 27.0 22.0 33.0
229 19.8 15.8 23.8

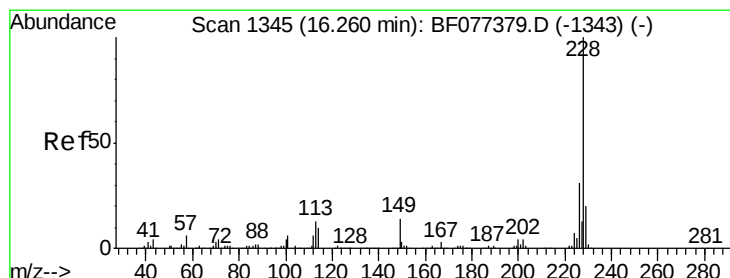
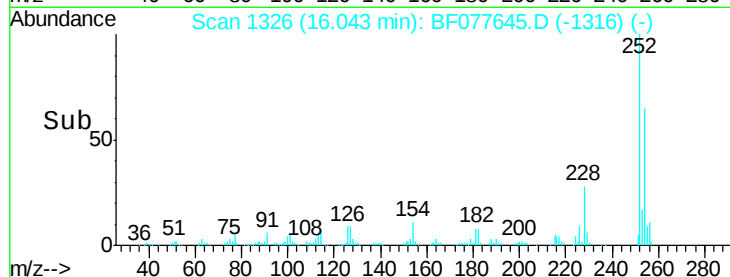
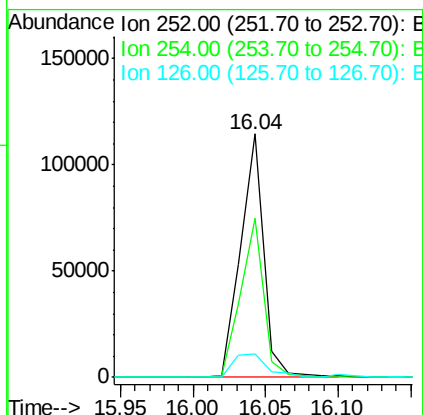
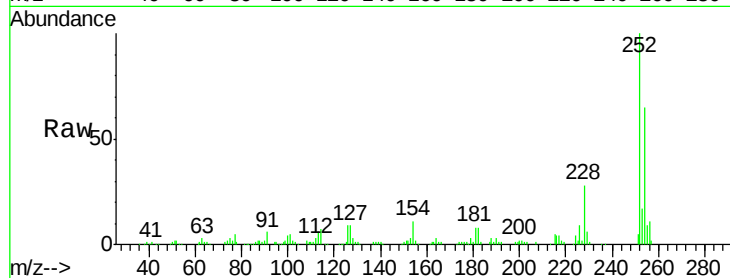




#81
 3,3'-Dichlorobenzidine
 Concen: 22.46 ng
 RT: 16.04 min Scan# 1326
 Delta R.T. 0.01 min
 Lab File: BF077645.D
 Acq: 9 Mar 2015 18:35

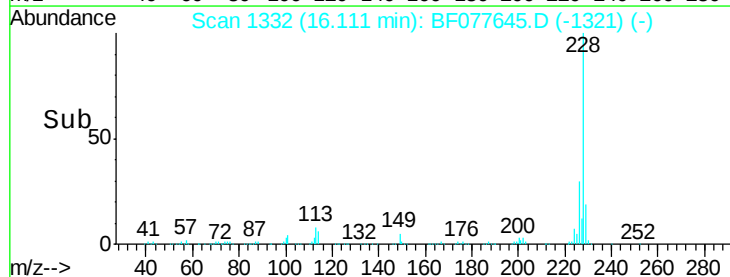
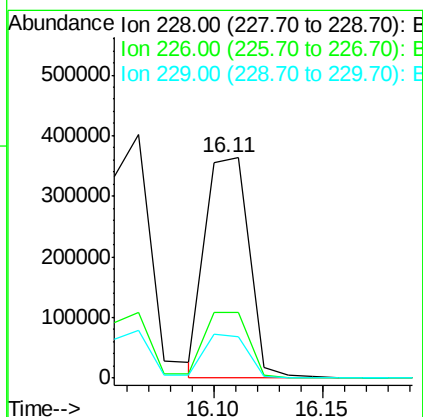
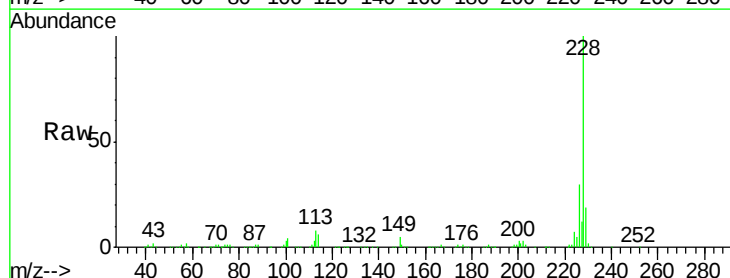
Instrument :
 BNA_F
 ClientSampleId :
 PB82012BS

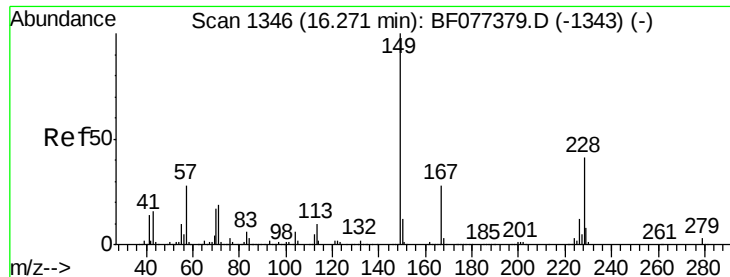
Tgt Ion:252 Resp: 127296
 Ion Ratio Lower Upper
 252 100
 254 65.5 52.9 79.3
 126 9.5 7.3 10.9



#82
 Chrysene
 Concen: 34.84 ng
 RT: 16.11 min Scan# 1332
 Delta R.T. 0.02 min
 Lab File: BF077645.D
 Acq: 9 Mar 2015 18:35

Tgt Ion:228 Resp: 506037
 Ion Ratio Lower Upper
 228 100
 226 29.9 24.9 37.3
 229 19.1 16.4 24.6

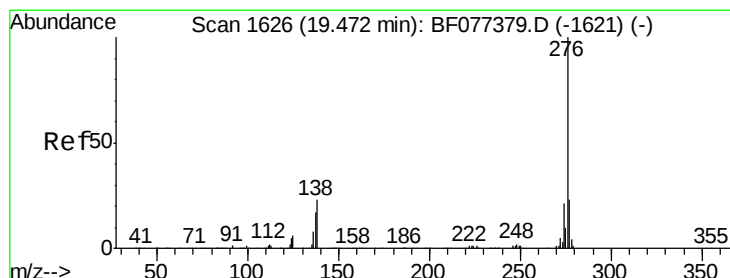
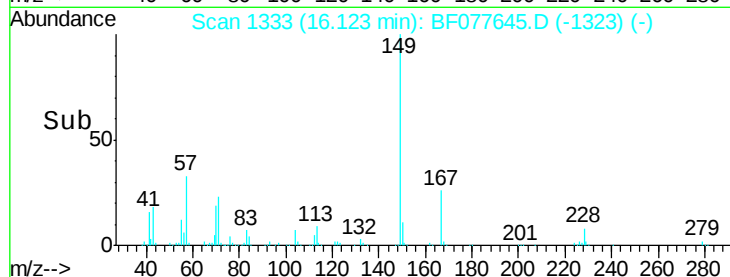
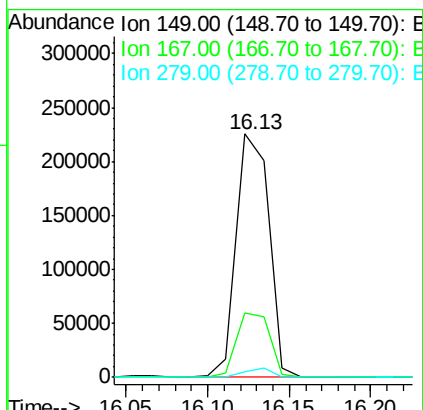
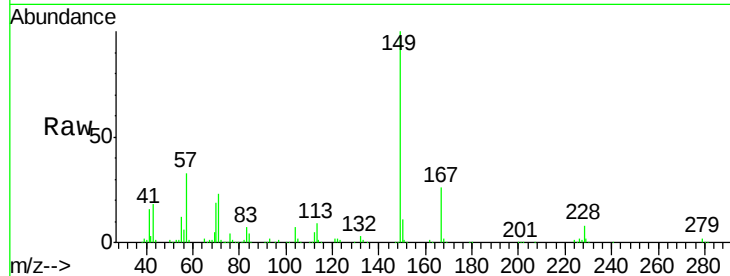




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 29.19 ng
 RT: 16.13 min Scan# 1333
 Delta R.T. 0.02 min
 Lab File: BF077645.D
 Acq: 9 Mar 2015 18:35

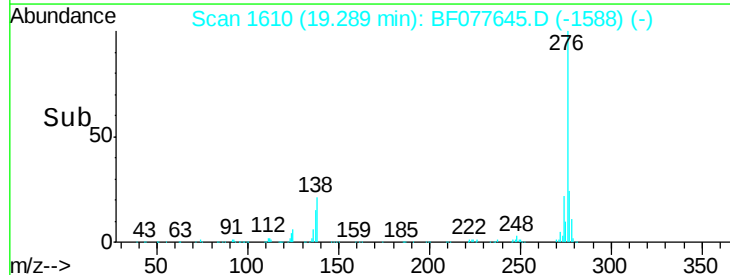
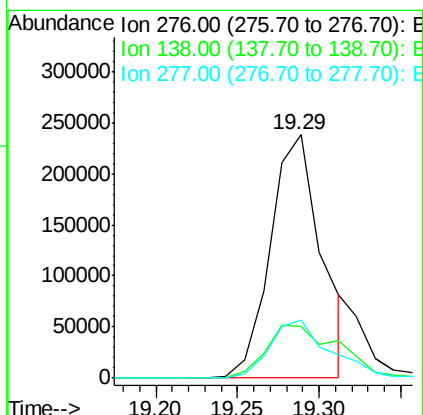
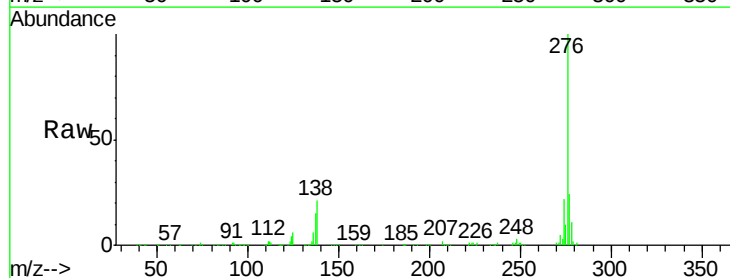
Instrument :
 BNA_F
 ClientSampleId :
 PB82012BS

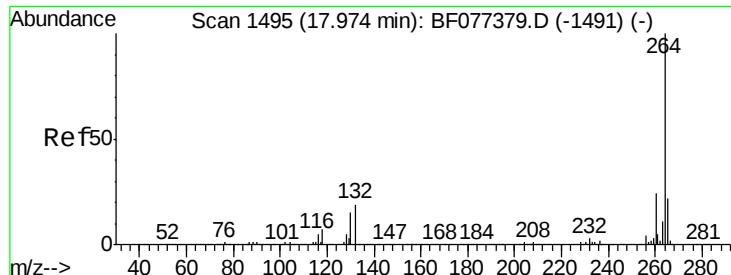
Tgt Ion:149 Resp: 310918
 Ion Ratio Lower Upper
 149 100
 167 26.4 22.8 34.2
 279 2.2 3.8 5.6#



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 31.40 ng
 RT: 19.29 min Scan# 1610
 Delta R.T. 0.15 min
 Lab File: BF077645.D
 Acq: 9 Mar 2015 18:35

Tgt Ion:276 Resp: 519976
 Ion Ratio Lower Upper
 276 100
 138 22.0 21.2 31.8
 277 24.7 20.0 30.0

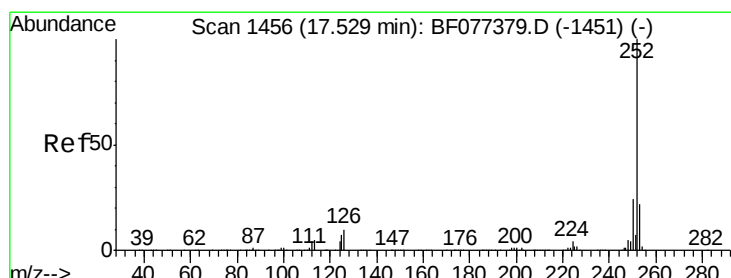
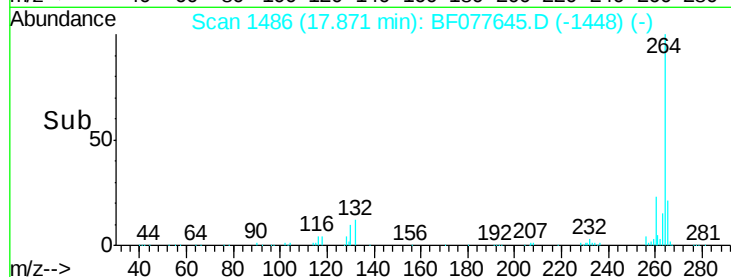
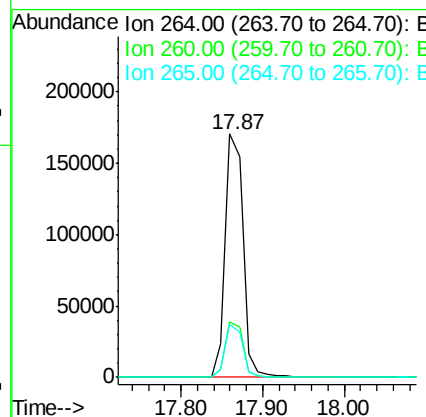
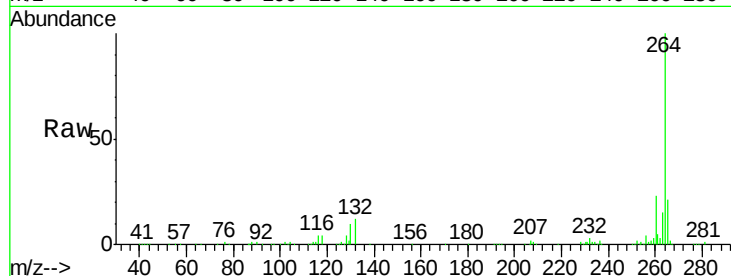




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.87 min Scan# 1486
Delta R.T. 0.13 min
Lab File: BF077645.D
Acq: 9 Mar 2015 18:35

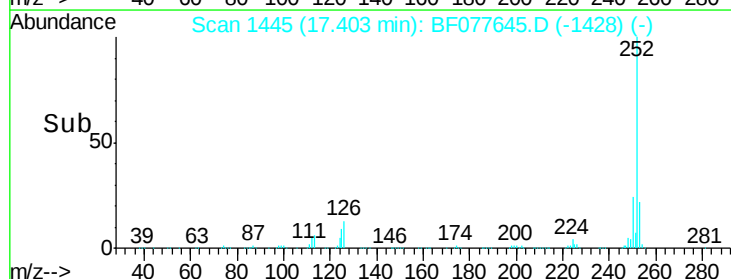
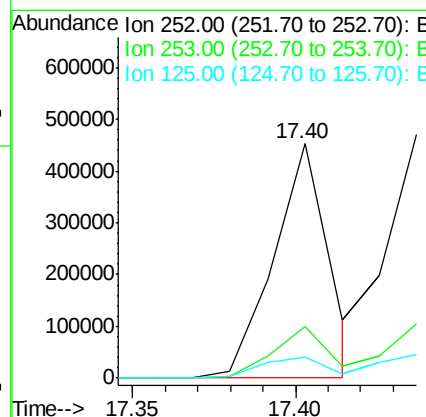
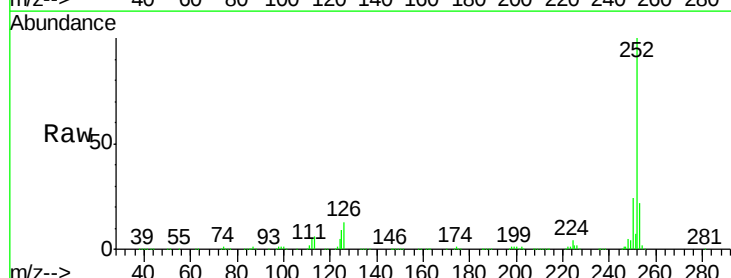
Instrument :
BNA_F
ClientSampleId :
PB82012BS

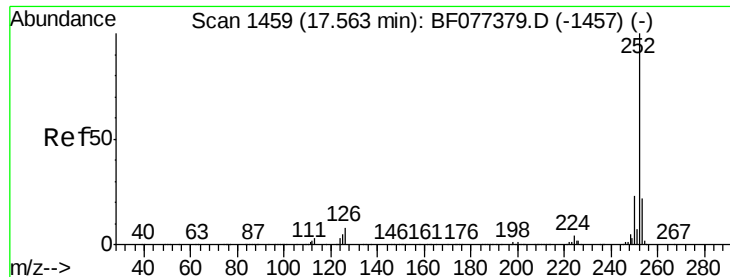
Tgt Ion: 264 Resp: 257675
Ion Ratio Lower Upper
264 100
260 23.0 19.3 28.9
265 20.6 16.8 25.2



#87
Benzo(b)fluoranthene
Concen: 35.21 ng
RT: 17.40 min Scan# 1445
Delta R.T. 0.09 min
Lab File: BF077645.D
Acq: 9 Mar 2015 18:35

Tgt Ion: 252 Resp: 527663
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 9.2 5.4 8.2#

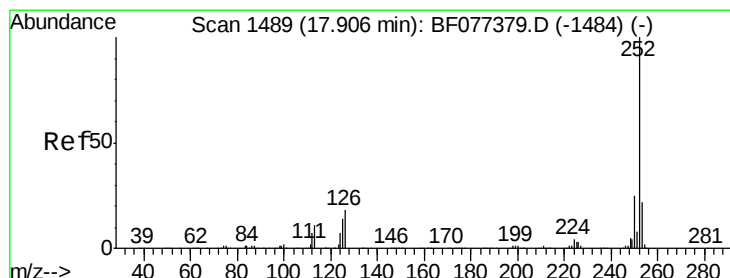
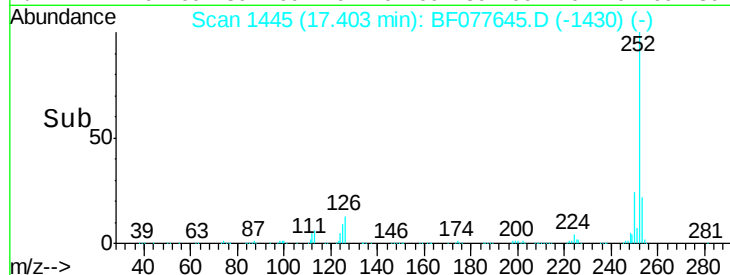
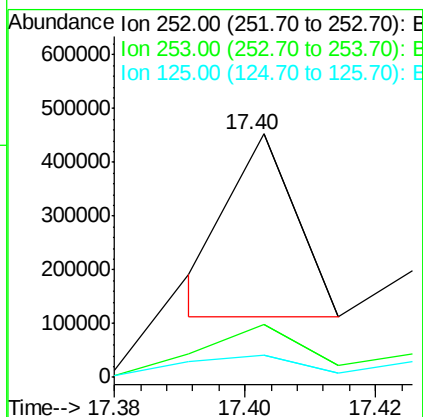
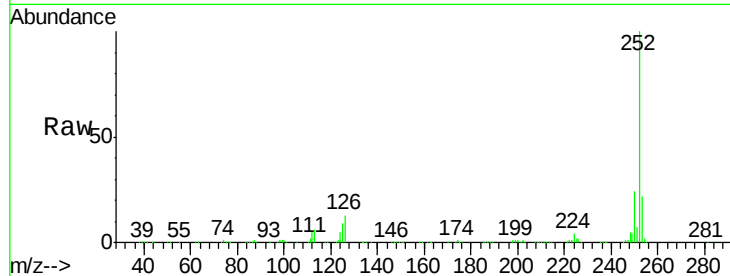




#88
Benzo(k)fluoranthene
Concen: 15.95 ng
RT: 17.40 min Scan# 1445
Delta R.T. 0.07 min
Lab File: BF077645.D
Acq: 9 Mar 2015 18:35

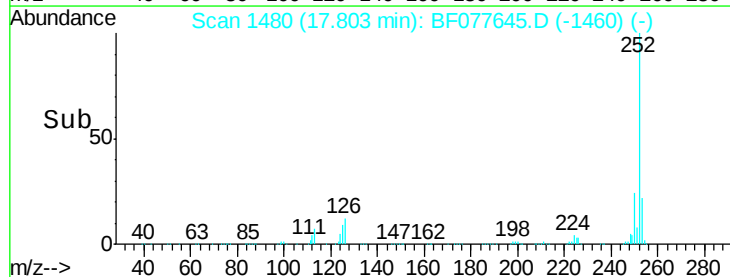
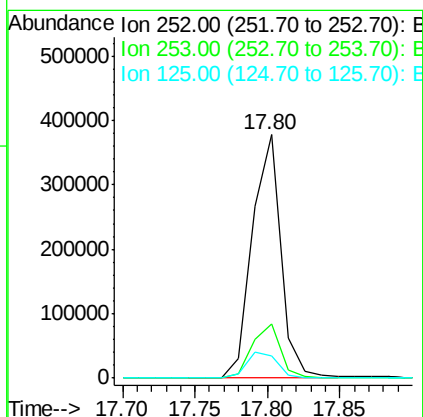
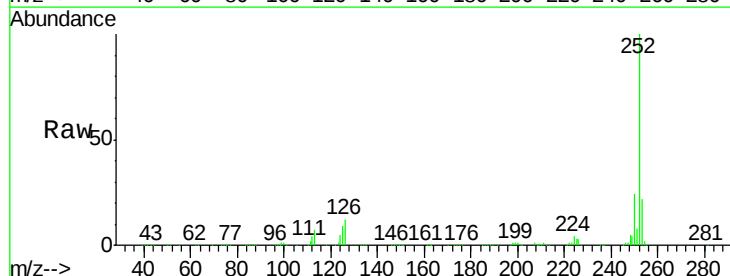
Instrument :
BNA_F
ClientSampleId :
PB82012BS

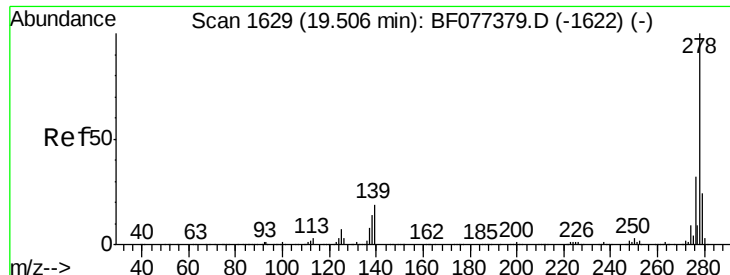
Tgt Ion:252 Resp: 234162
Ion Ratio Lower Upper
252 100
253 21.9 18.1 27.1
125 9.2 10.1 15.1#



#89
Benzo(a)pyrene
Concen: 36.41 ng
RT: 17.80 min Scan# 1480
Delta R.T. 0.13 min
Lab File: BF077645.D
Acq: 9 Mar 2015 18:35

Tgt Ion:252 Resp: 519531
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 9.3 8.3 12.5





#90

Dibenzo(a,h)anthracene

Concen: 36.63 ng

RT: 19.32 min Scan# 1612

Delta R.T. 0.15 min

Lab File: BF077645.D

Acq: 9 Mar 2015 18:35

Instrument :

BNA_F

ClientSampleId :

PB82012BS

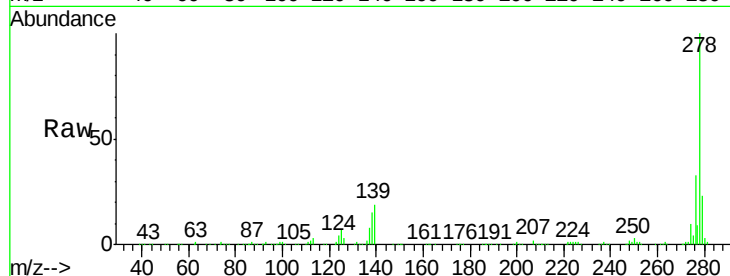
Tgt Ion:278 Resp: 498592

Ion Ratio Lower Upper

278 100

139 18.7 14.3 21.5

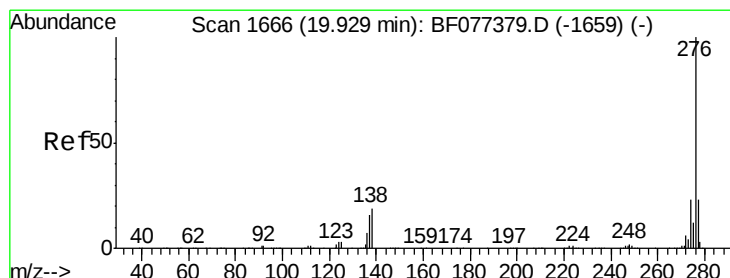
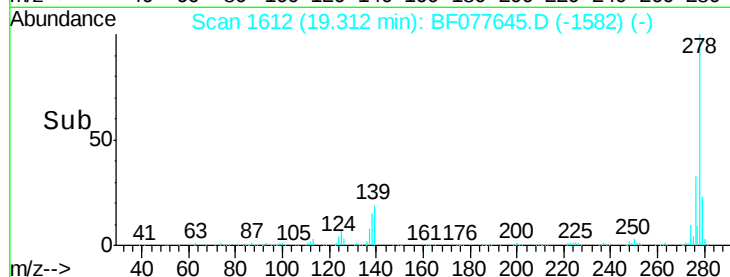
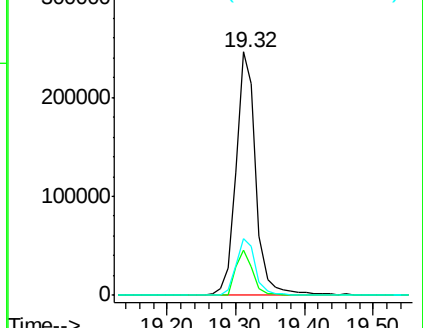
279 23.1 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 36.48 ng

RT: 19.70 min Scan# 1646

Delta R.T. 0.16 min

Lab File: BF077645.D

Acq: 9 Mar 2015 18:35

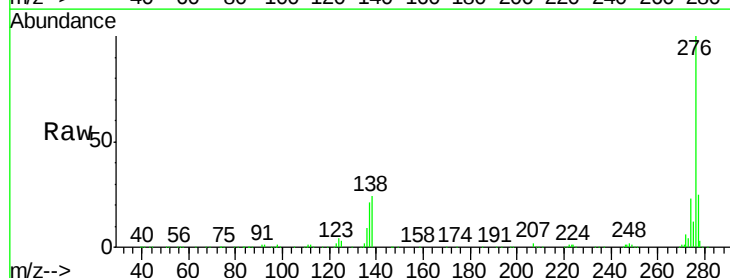
Tgt Ion:276 Resp: 501070

Ion Ratio Lower Upper

276 100

277 24.6 18.9 28.3

138 23.7 20.5 30.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

