

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030615\
 Data File : BF077622.D
 Acq On : 6 Mar 2015 15:20
 Operator : TP/IZ
 Sample : PB81970BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81970BS

Quant Time: Mar 06 22:31:54 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 22:10:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.20	152	63440	20.00	ng	0.00
21) Naphthalene-d8	8.78	136	254812	20.00	ng	0.00
38) Acenaphthene-d10	10.95	164	127334	20.00	ng	0.00
63) Phenanthrene-d10	12.79	188	254031	20.00	ng	0.00
75) Chrysene-d12	16.07	240	268445	20.00	ng	0.00
86) Perylene-d12	17.78	264	252735	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	424652	111.75	ng	0.00
7) Phenol-d6	6.77	99	546158	111.78	ng	0.00
23) Nitrobenzene-d5	7.89	82	305814	74.63	ng	0.00
41) 2,4,6-Tribromophenol	11.93	330	141747	115.61	ng	0.00
44) 2-Fluorobiphenyl	10.13	172	662698	81.15	ng	0.00
78) Terphenyl-d14	14.78	244	825102	71.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.14	88	47368	29.37	ng	98
3) Pyridine	2.87	79	142657	30.92	ng	95
4) n-Nitrosodimethylamine	2.78	42	59257	29.54	ng	96
6) Aniline	6.79	93	123017	18.22	ng	# 1
8) 2-Chlorophenol	6.93	128	154244	34.41	ng	94
9) Benzaldehyde	6.65	77	19976	6.73	ng	92
10) Phenol	6.78	94	194256	33.51	ng	77
11) bis(2-Chloroethyl)ether	6.89	93	137627	33.04	ng	98
12) 1,3-Dichlorobenzene	7.13	146	160975	32.98	ng	# 93
13) 1,4-Dichlorobenzene	7.22	146	160448	32.31	ng	94
14) 1,2-Dichlorobenzene	7.41	146	154487	32.70	ng	95
15) Benzyl Alcohol	7.39	79	121288	32.66	ng	# 89
16) 2,2'-oxybis(1-Chloropropan	7.56	45	192791	32.37	ng	97
17) 2-Methylphenol	7.53	107	117122	33.43	ng	97
18) Hexachloroethane	7.82	117	57454	34.64	ng	# 88
19) n-Nitroso-di-n-propylamine	7.72	70	105658	34.05	ng	97
20) 3+4-Methylphenols	7.73	107	159769	34.62	ng	# 78
22) Acetophenone	7.71	105	207969	34.70	ng	# 87
24) Nitrobenzene	7.92	77	148535	34.45	ng	# 85
25) Isophorone	8.22	82	276121	33.96	ng	# 90
26) 2-Nitrophenol	8.31	139	71596	40.52	ng	# 89
27) 2,4-Dimethylphenol	8.38	122	134151	33.93	ng	94
28) bis(2-Chloroethoxy)methane	8.50	93	179914	35.03	ng	99
29) 2,4-Dichlorophenol	8.61	162	128913	34.74	ng	97
30) 1,2,4-Trichlorobenzene	8.71	180	135340	33.17	ng	98
31) Naphthalene	8.81	128	443881	34.83	ng	99
32) Benzoic acid	8.48	122	76512	39.83	ng	95
33) 4-Chloroaniline	8.88	127	106886	18.87	ng	98
34) Hexachlorobutadiene	8.96	225	75464	32.40	ng	98
35) Caprolactam	9.31	113	38903	34.34	ng	# 66
36) 4-Chloro-3-methylphenol	9.49	107	133851	35.88	ng	92
37) 2-Methylnaphthalene	9.67	142	307667	34.00	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.87	216	132688	36.32	ng	98
40) Hexachlorocyclopentadiene	9.86	237	135912	69.37	ng	100

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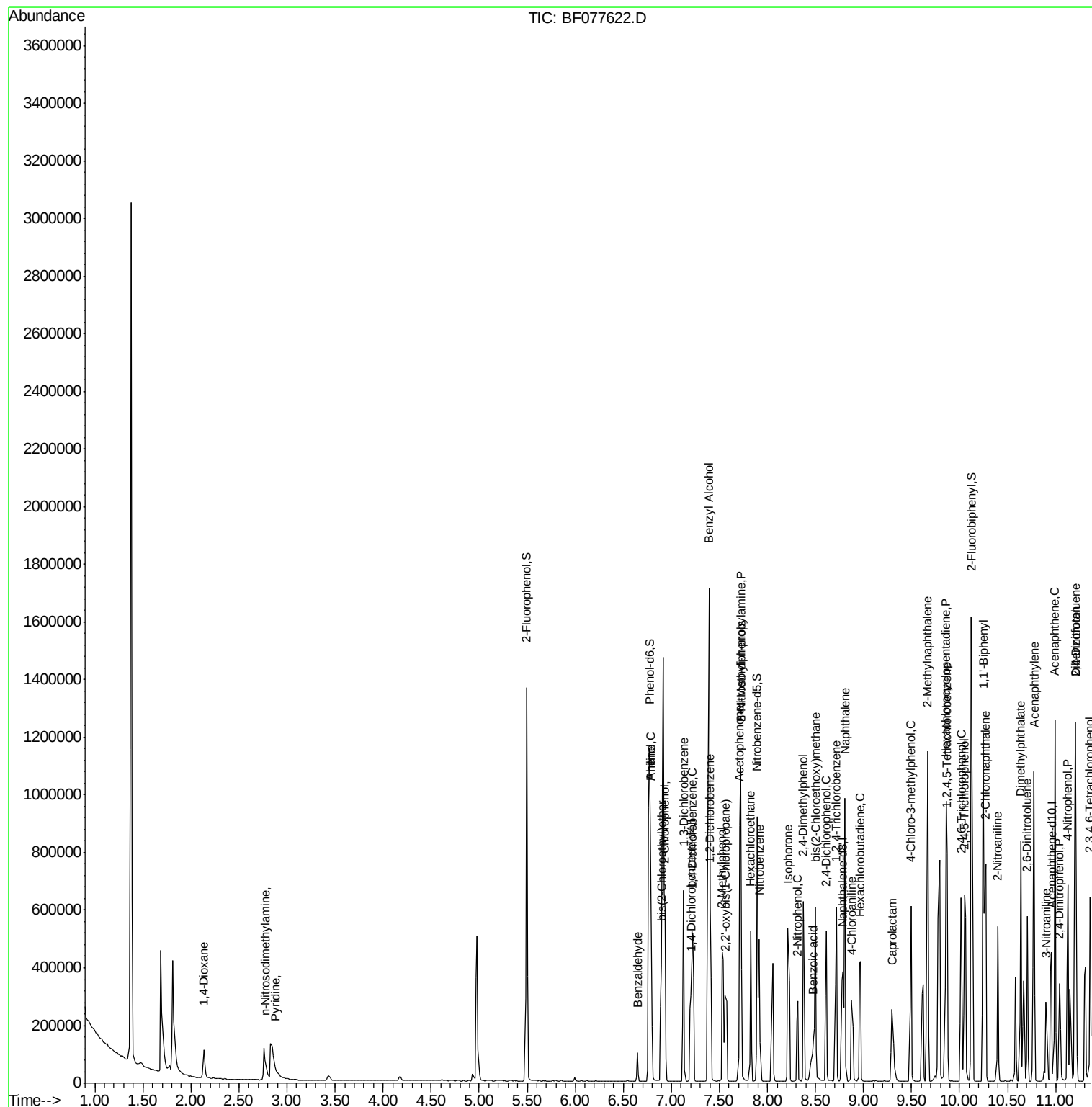
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.02	196	94854	39.20	ng	100
43) 2,4,5-Trichlorophenol	10.06	196	101851	39.37	ng	96
45) 1,1'-Biphenyl	10.25	154	374115	38.78	ng	98
46) 2-Chloronaphthalene	10.27	162	292444	38.65	ng	94
47) 2-Nitroaniline	10.40	65	81020	43.50	ng	# 84
48) Acenaphthylene	10.78	152	459987	38.41	ng	100
49) Dimethylphthalate	10.64	163	345538	38.60	ng	98
50) 2,6-Dinitrotoluene	10.71	165	73276	40.82	ng	# 62
51) Acenaphthene	10.99	154	266909	37.34	ng	98
52) 3-Nitroaniline	10.91	138	57905	27.98	ng	# 78
53) 2,4-Dinitrophenol	11.04	184	49399	90.44	ng	97
54) Dibenzofuran	11.21	168	422984	38.33	ng	99
55) 4-Nitrophenol	11.13	139	138811	83.39	ng	89
56) 2,4-Dinitrotoluene	11.20	165	95372	39.32	ng	# 57
57) Fluorene	11.63	166	339354	38.46	ng	98
58) 2,3,4,6-Tetrachlorophenol	11.36	232	80947	38.92	ng	97
59) Diethylphthalate	11.51	149	338801	38.39	ng	96
60) 4-Chlorophenyl-phenylether	11.64	204	160814	37.83	ng	97
61) 4-Nitroaniline	11.66	138	78087	39.37	ng	95
62) Azobenzene	11.84	77	326425	38.99	ng	99
64) 4,6-Dinitro-2-methylphenol	11.70	198	38440	38.70	ng	# 60
65) n-Nitrosodiphenylamine	11.79	169	299846	35.57	ng	99
66) 4-Bromophenyl-phenylether	12.25	248	98024	32.95	ng	96
67) Hexachlorobenzene	12.30	284	105372	33.00	ng	# 87
68) Atrazine	12.46	200	94688	34.55	ng	92
69) Pentachlorophenol	12.56	266	115370	68.75	ng	98
70) Phenanthrene	12.82	178	508859	34.56	ng	99
71) Anthracene	12.88	178	514162	35.19	ng	98
72) Carbazole	13.09	167	494215	35.57	ng	98
73) Di-n-butylphthalate	13.54	149	556356	34.10	ng	99
74) Fluoranthene	14.29	202	549867	34.19	ng	99
76) Benzidine	14.48	184	201358	22.20	ng	98
77) Pyrene	14.57	202	576991	35.14	ng	99
79) Butylbenzylphthalate	15.40	149	253124	37.47	ng	89
80) Benzo(a)anthracene	16.06	228	543055	34.52	ng	99
81) 3,3'-Dichlorobenzidine	16.04	252	140270	24.33	ng	99
82) Chrysene	16.10	228	506376	34.28	ng	99
83) Bis(2-ethylhexyl)phthalate	16.12	149	371447	34.29	ng	# 96
84) Di-n-octyl phthalate	16.90	149	627967	34.72	ng	99
85) Indeno(1,2,3-cd)pyrene	19.19	276	573226	34.03	ng	99
87) Benzo(b)fluoranthene	17.34	252	558922	38.03	ng	99
88) Benzo(k)fluoranthene	17.34	252	558895	38.80	ng	# 93
89) Benzo(a)pyrene	17.71	252	495449	35.40	ng	99
90) Dibenzo(a,h)anthracene	19.22	278	475694	35.63	ng	97
91) Benzo(g,h,i)perylene	19.60	276	487430	36.18	ng	# 94

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

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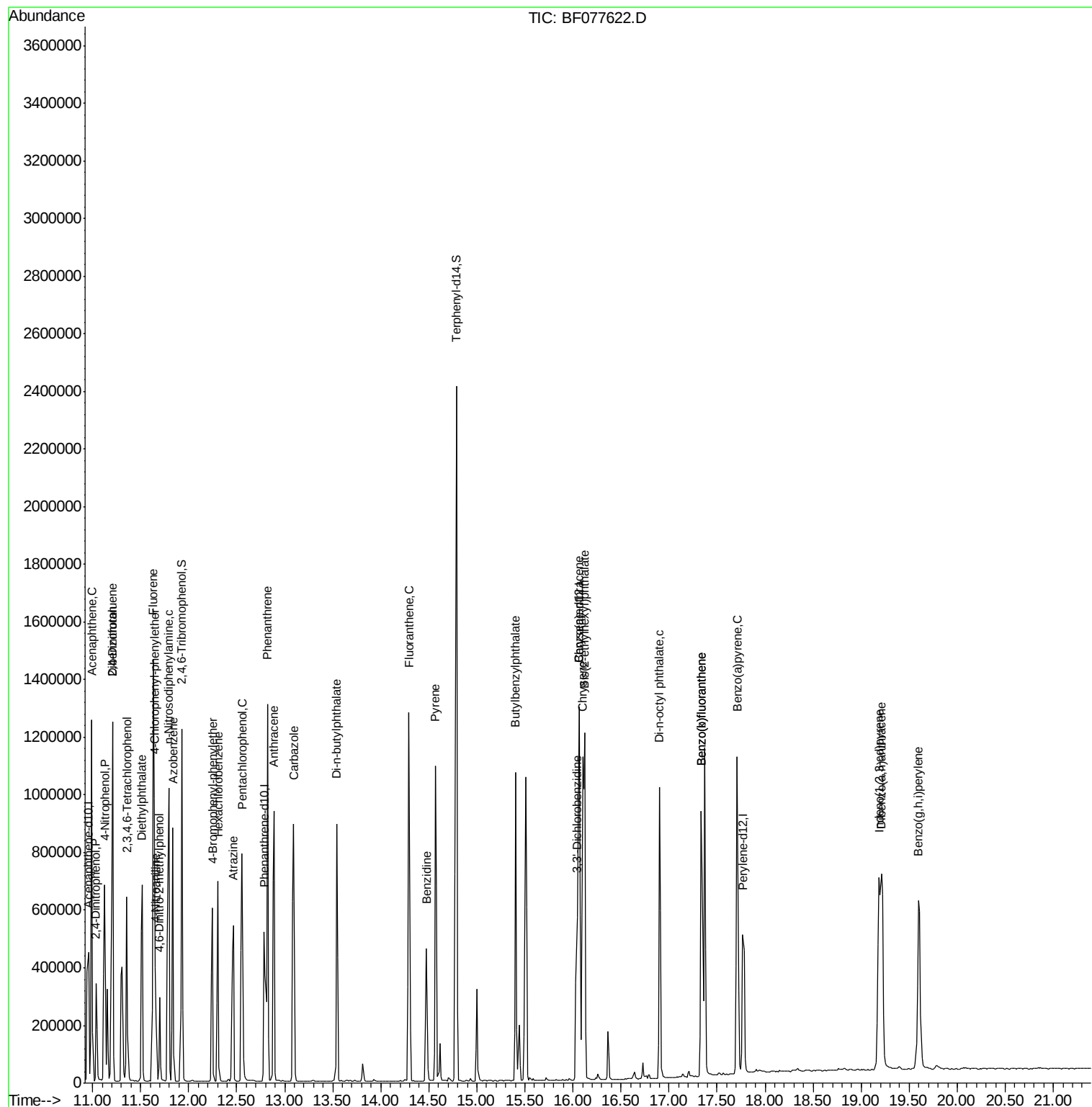
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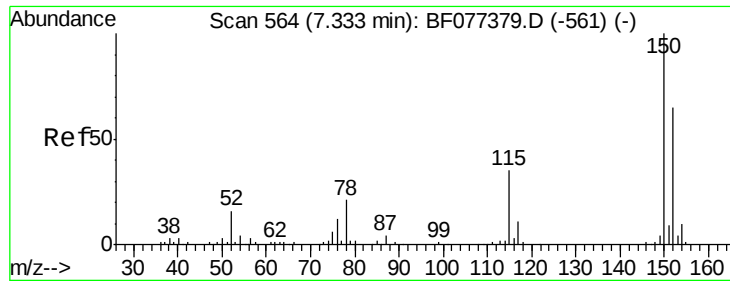


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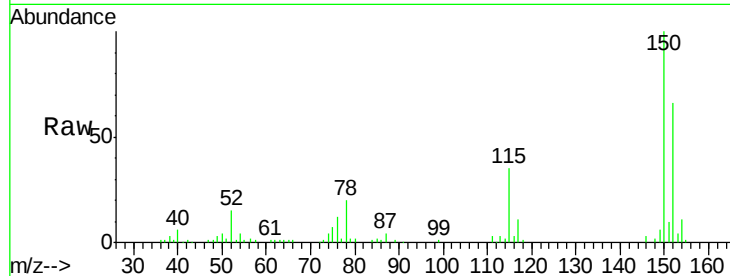


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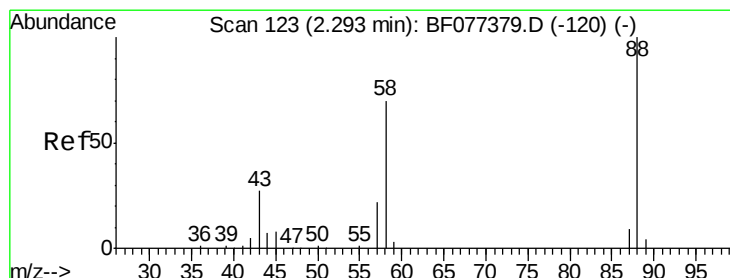
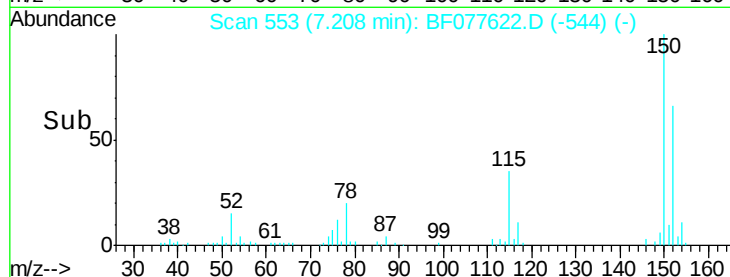
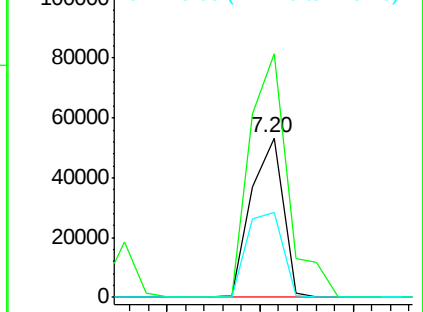
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.20 min Scan# 553
Delta R.T. -0.00 min
Lab File: BF077622.D
Acq: 6 Mar 2015 15:20

Instrument :
BNA_F
ClientSampled :
PB81970BS

Tgt Ion:152 Resp: 63440
Ion Ratio Lower Upper
152 100
150 152.6 124.0 186.0
115 53.0 49.4 74.2



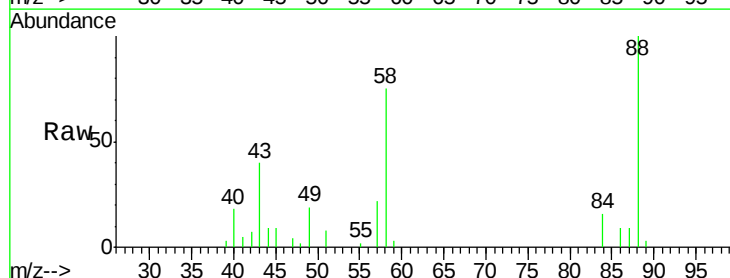
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



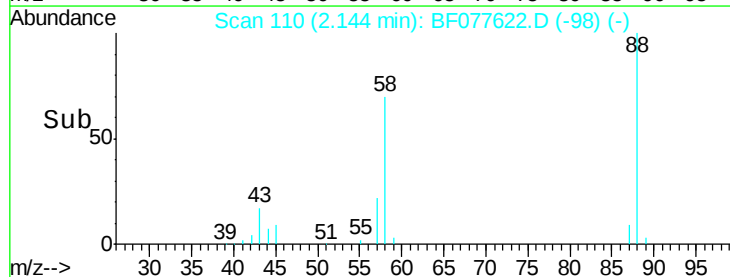
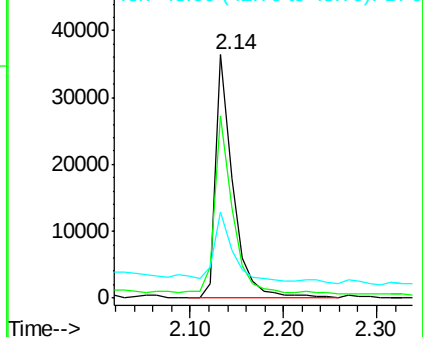
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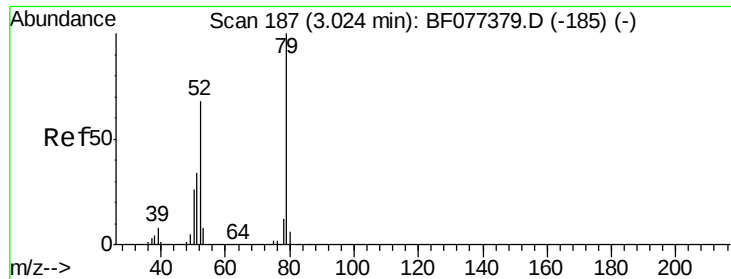
1,4-Dioxane
Concen: 29.37 ng
RT: 2.14 min Scan# 110
Delta R.T. 0.03 min
Lab File: BF077622.D
Acq: 6 Mar 2015 15:20

Tgt Ion: 88 Resp: 47368
Ion Ratio Lower Upper
88 100
58 75.8 62.1 93.1
43 28.4 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: 30.92 ng

RT: 2.87 min Scan# 174

Delta R.T. 0.03 min

Lab File: BF077622.D

Acq: 6 Mar 2015 15:20

Instrument :

BNA_F

ClientSampleId :

PB81970BS

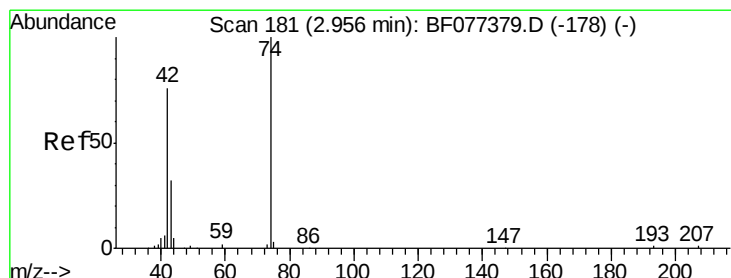
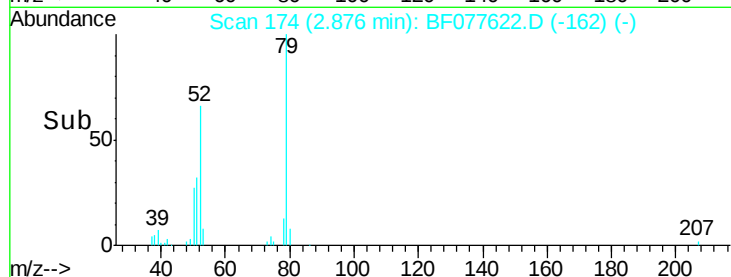
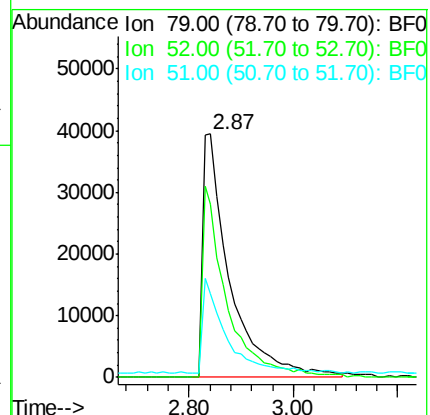
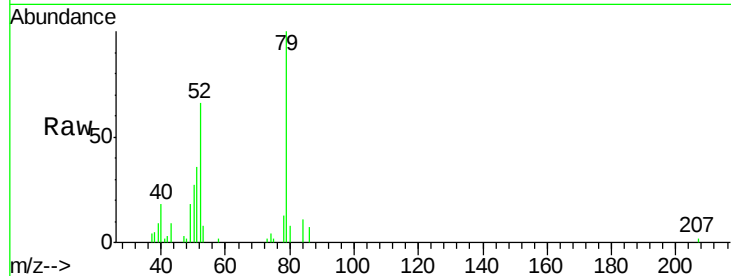
Tgt Ion: 79 Resp: 142657

Ion Ratio Lower Upper

79 100

52 66.1 57.7 86.5

51 36.3 28.5 42.7



#4

n-Nitrosodimethylamine

Concen: 29.54 ng

RT: 2.78 min Scan# 166

Delta R.T. 0.03 min

Lab File: BF077622.D

Acq: 6 Mar 2015 15:20

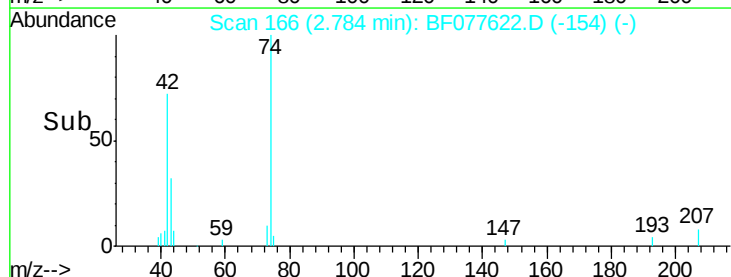
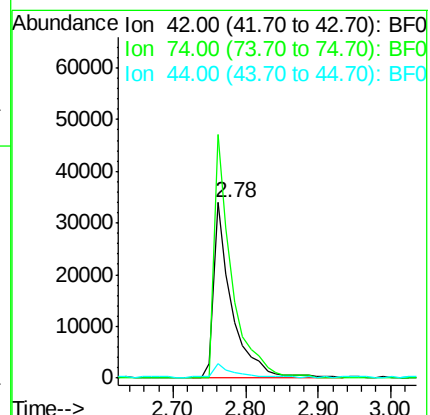
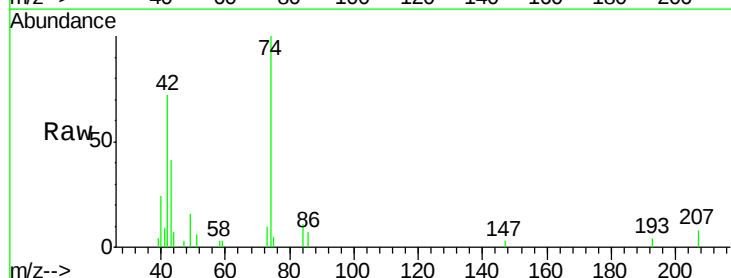
Tgt Ion: 42 Resp: 59257

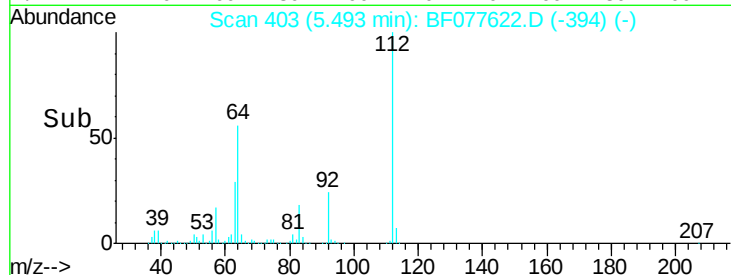
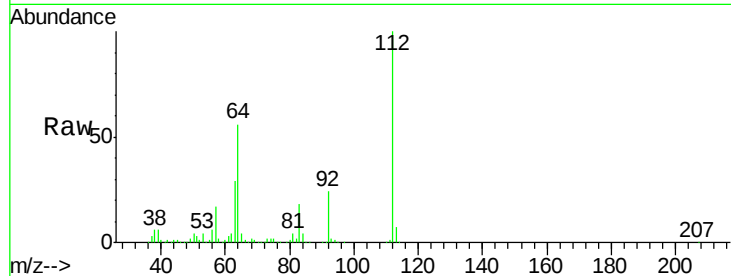
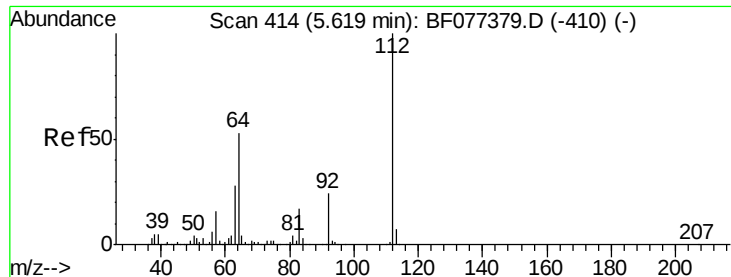
Ion Ratio Lower Upper

42 100

74 138.7 107.1 160.7

44 9.6 6.7 10.1

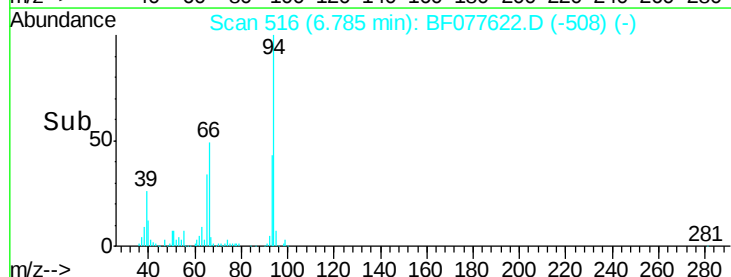
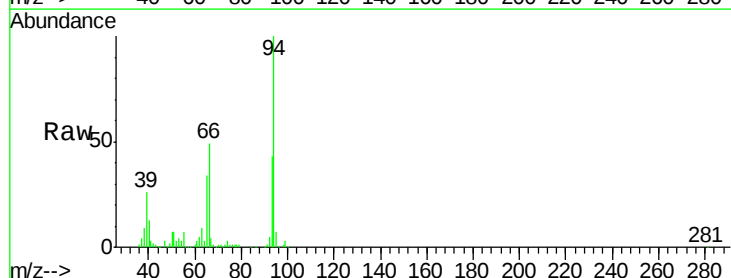
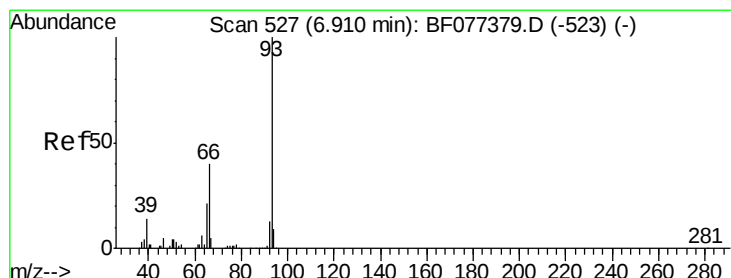
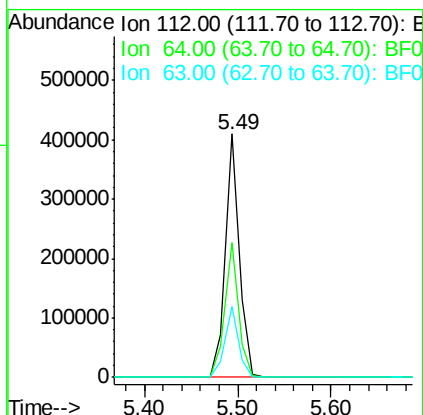




#5
2-Fluorophenol
Concen: 111.75 ng
RT: 5.49 min Scan# 403
Delta R.T. 0.00 min
Lab File: BF077622.D
Acq: 6 Mar 2015 15:20

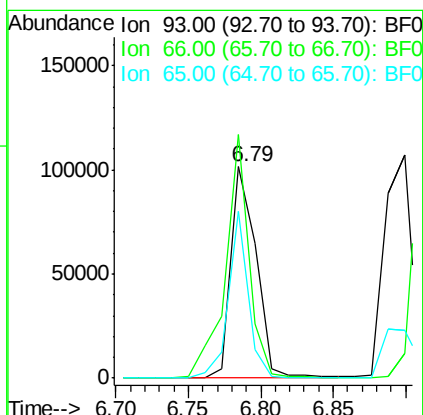
Instrument :
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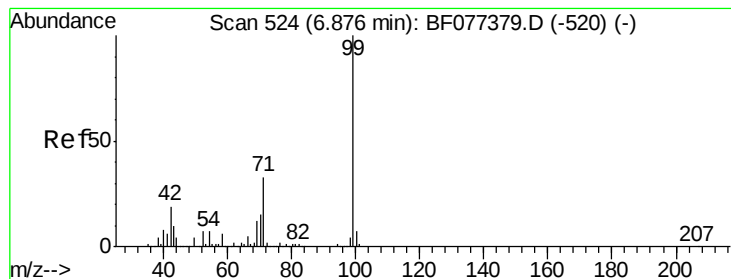
Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	48.5	72.7
63	28.9	25.0	37.4



#6
Aniline
Concen: 18.22 ng
RT: 6.79 min Scan# 516
Delta R.T. -0.00 min
Lab File: BF077622.D
Acq: 6 Mar 2015 15:20

Tgt Ion	Ratio	Lower	Upper
93	100		
66	115.1	29.1	43.7#
65	79.0	14.6	22.0#





#7

Phenol-d6

Concen: 111.78 ng

RT: 6.77 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF077622.D

Acq: 6 Mar 2015 15:20

Instrument :

BNA_F

ClientSampleId :

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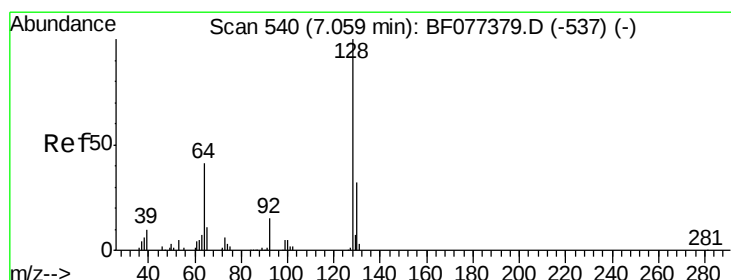
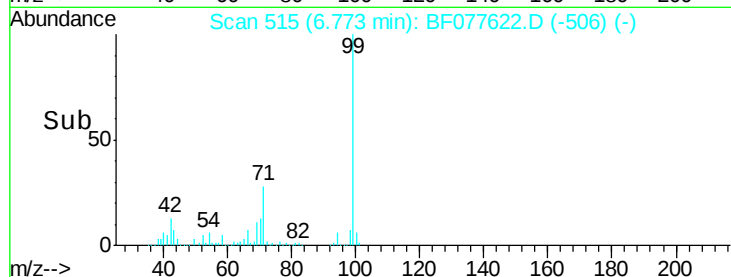
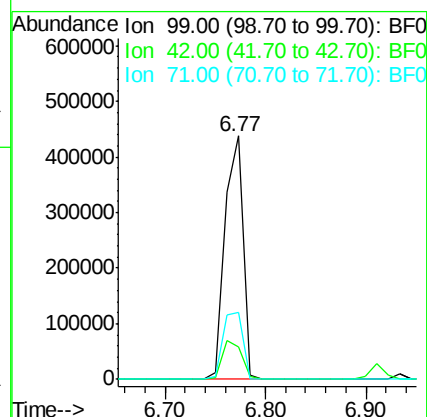
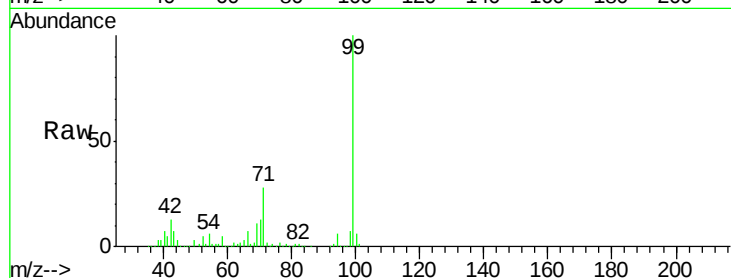
Tgt Ion: 99 Resp: 546158

Ion Ratio Lower Upper

99 100

42 13.3 16.2 24.4#

71 27.6 26.7 40.1



#8

2-Chlorophenol

Concen: 34.41 ng

RT: 6.93 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF077622.D

Acq: 6 Mar 2015 15:20

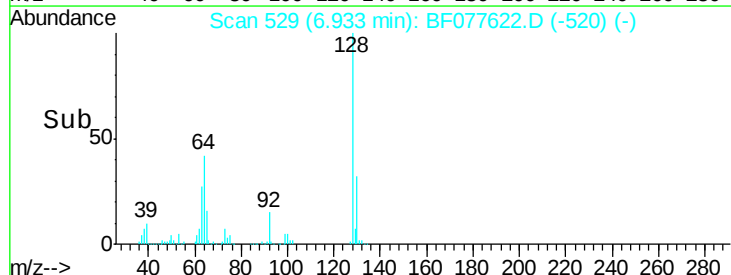
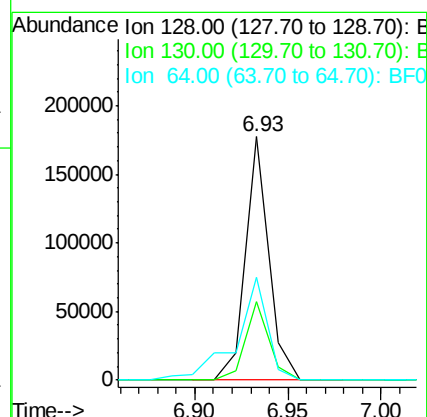
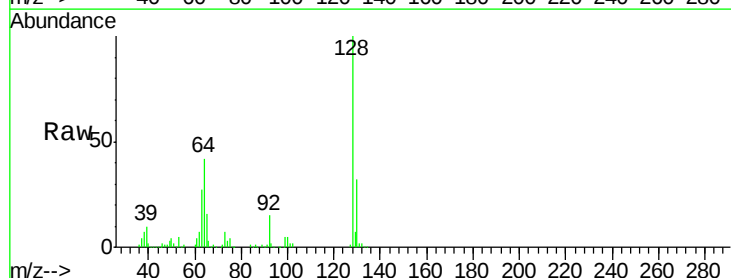
Tgt Ion: 128 Resp: 154244

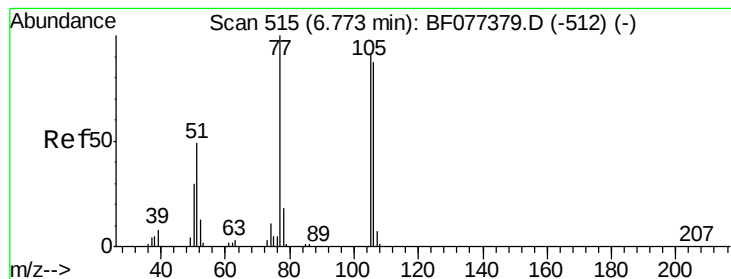
Ion Ratio Lower Upper

128 100

130 32.2 12.0 52.0

64 42.4 29.2 69.2





#9

Benzaldehyde

Concen: 6.73 ng

RT: 6.65 min Scan# 504

Delta R.T. -0.00 min

Lab File: BF077622.D

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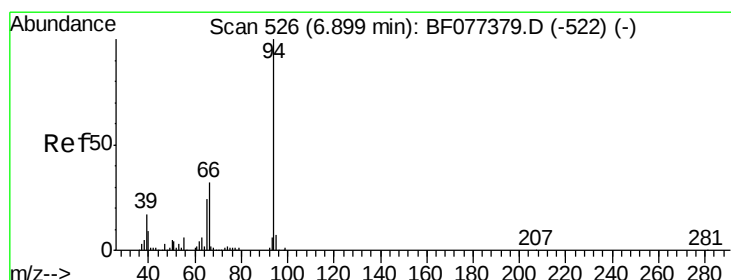
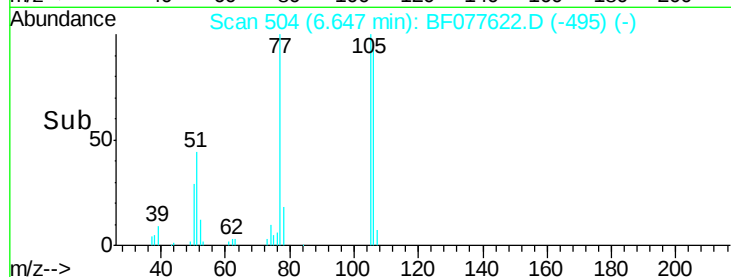
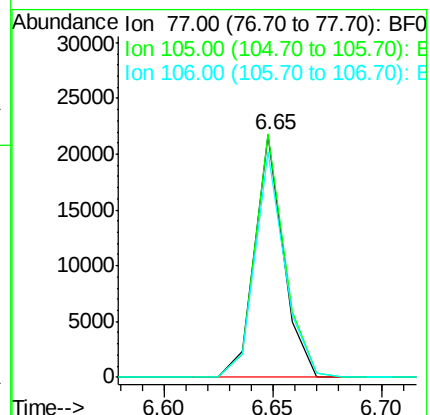
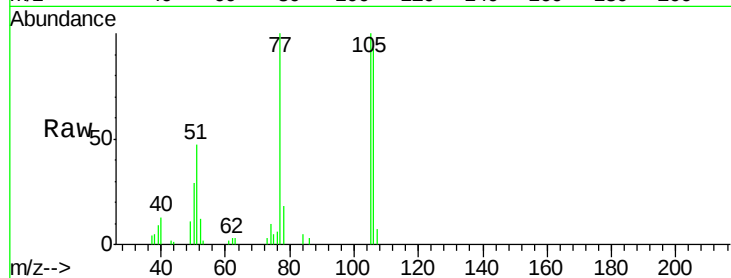
Tgt Ion: 77 Resp: 19976

Ion Ratio Lower Upper

77 100

105 100.3 85.9 125.9

106 92.9 82.9 122.9



#10

Phenol

Concen: 33.51 ng

RT: 6.78 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF077622.D

Acq: 6 Mar 2015 15:20

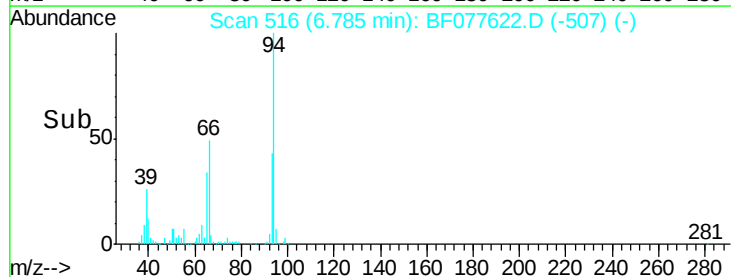
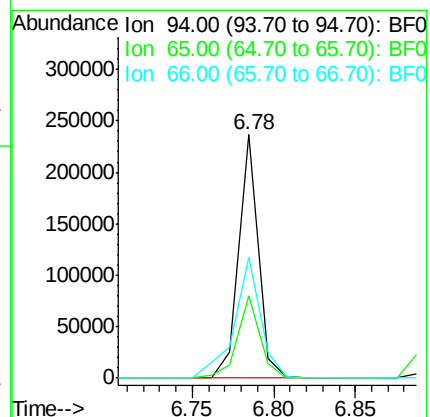
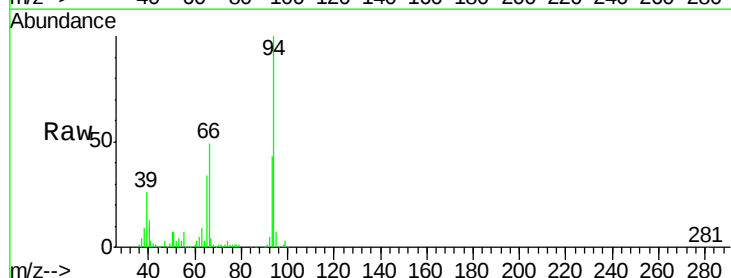
Tgt Ion: 94 Resp: 194256

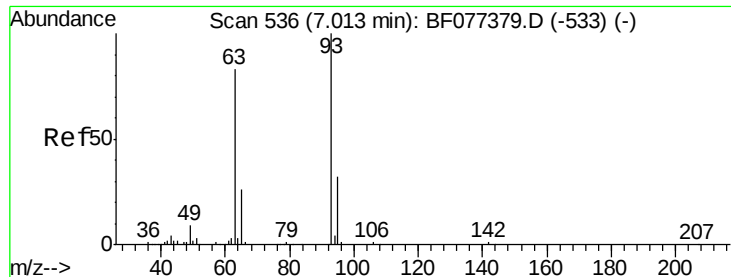
Ion Ratio Lower Upper

94 100

65 33.9 5.7 45.7

66 49.3 13.6 53.6





#11

bis(2-Chloroethyl)ether

Concen: 33.04 ng

RT: 6.89 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF077622.D

Acq: 6 Mar 2015 15:20

Instrument :

BNA_F

ClientSampleId :

PB81970BS

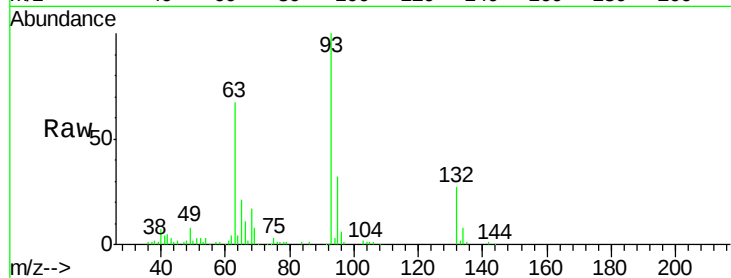
Tgt Ion: 93 Resp: 137627

Ion Ratio Lower Upper

93 100

63 67.3 48.7 88.7

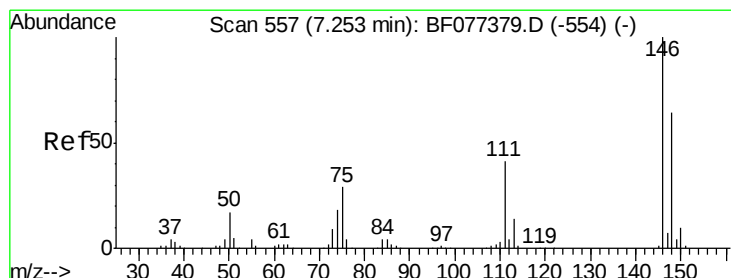
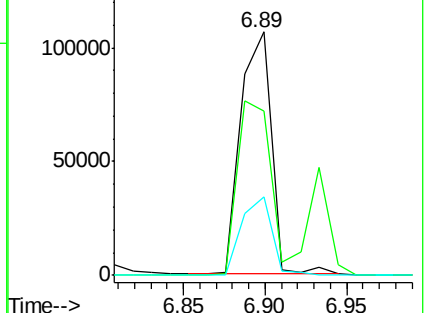
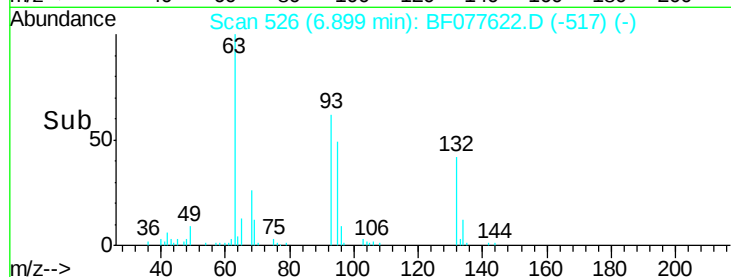
95 32.0 13.6 53.6



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: 32.98 ng

RT: 7.13 min Scan# 546

Delta R.T. -0.00 min

Lab File: BF077622.D

Acq: 6 Mar 2015 15:20

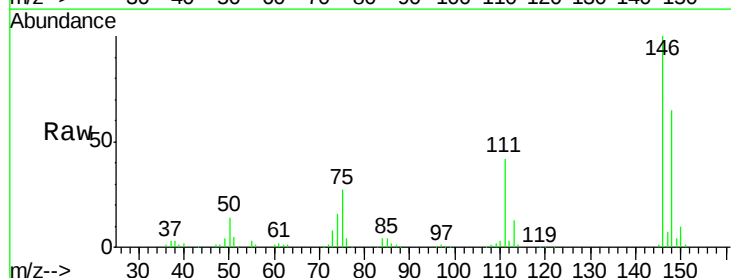
Tgt Ion: 146 Resp: 160975

Ion Ratio Lower Upper

146 100

148 64.6 49.8 74.8

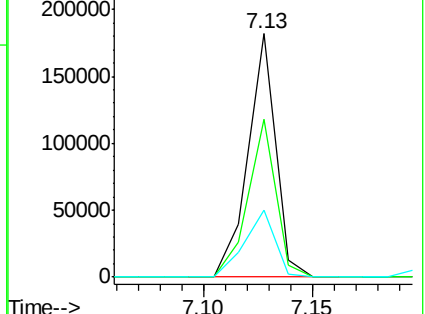
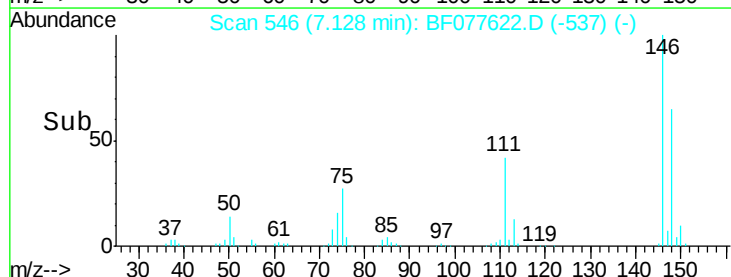
75 27.4 28.2 42.4#

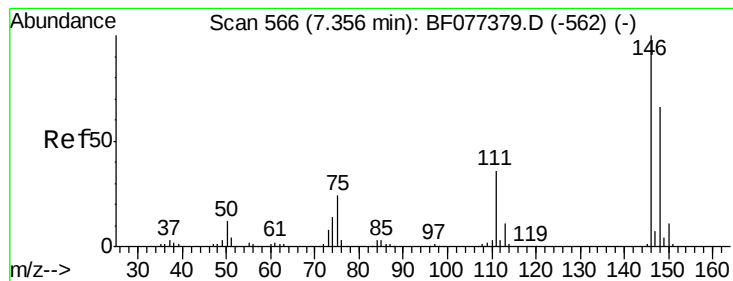


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 32.31 ng

RT: 7.22 min Scan# 554

Delta R.T. -0.00 min

Lab File: BF077622.D

Acq: 6 Mar 2015 15:20

Instrument :

BNA_F

ClientSampleId :

PB81970BS

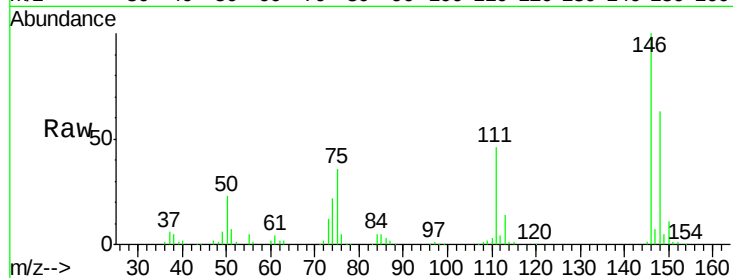
Tgt Ion:146 Resp: 160448

Ion Ratio Lower Upper

146 100

148 62.9 52.0 78.0

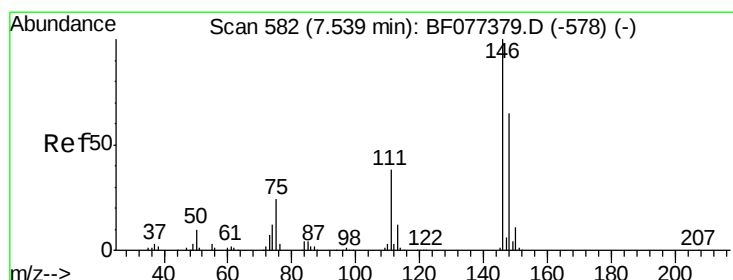
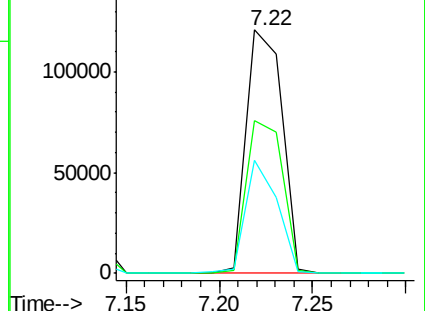
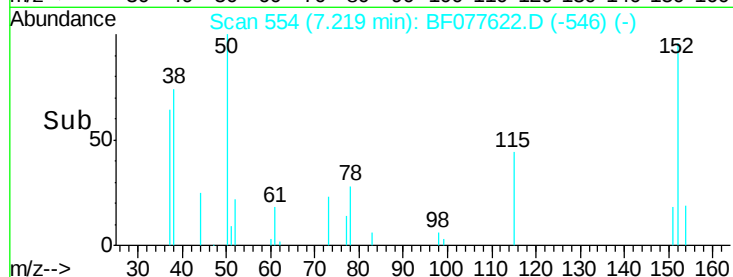
111 46.5 31.9 47.9



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: 32.70 ng

RT: 7.41 min Scan# 570

Delta R.T. -0.00 min

Lab File: BF077622.D

Acq: 6 Mar 2015 15:20

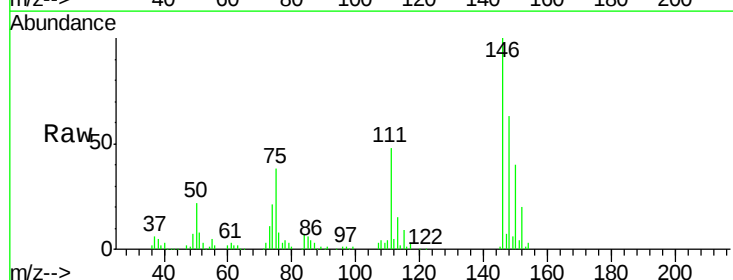
Tgt Ion:146 Resp: 154487

Ion Ratio Lower Upper

146 100

148 63.2 51.6 77.4

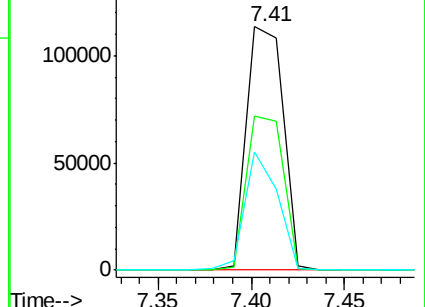
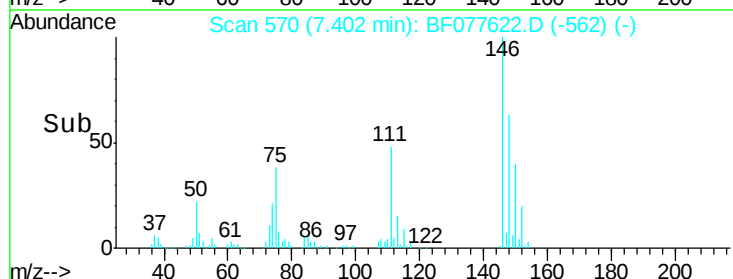
111 48.5 34.2 51.2

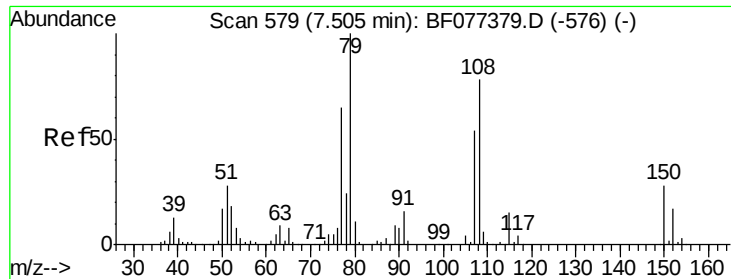


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 32.66 ng

RT: 7.39 min Scan# 569

Delta R.T. -0.00 min

Lab File: BF077622.D

Acq: 6 Mar 2015 15:20

Instrument :

BNA_F

ClientSampleId :

PB81970BS

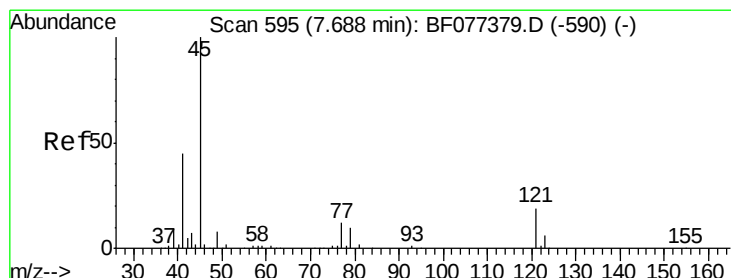
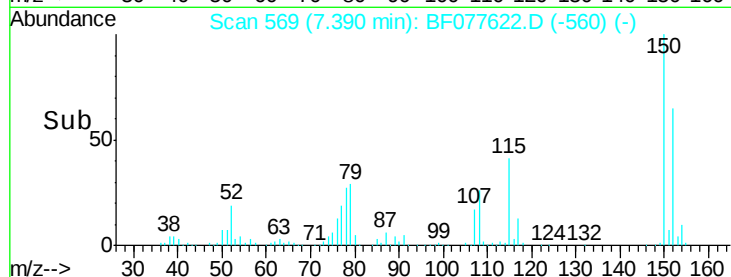
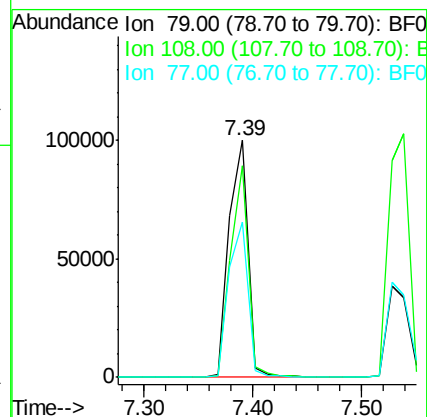
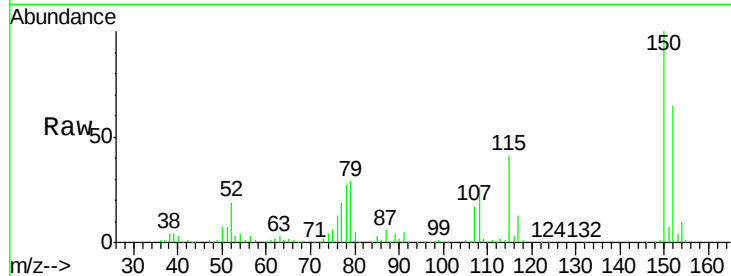
Tgt Ion: 79 Resp: 121288

Ion Ratio Lower Upper

79 100

108 89.3 58.3 87.5#

77 65.5 51.3 76.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.37 ng

RT: 7.56 min Scan# 584

Delta R.T. -0.00 min

Lab File: BF077622.D

Acq: 6 Mar 2015 15:20

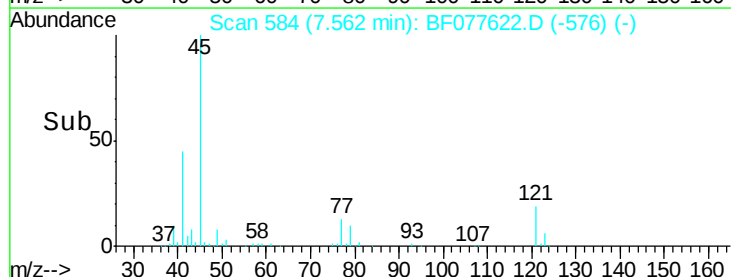
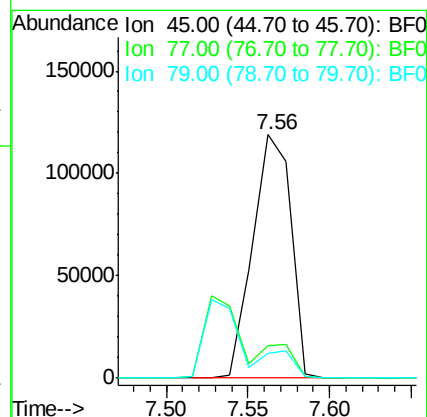
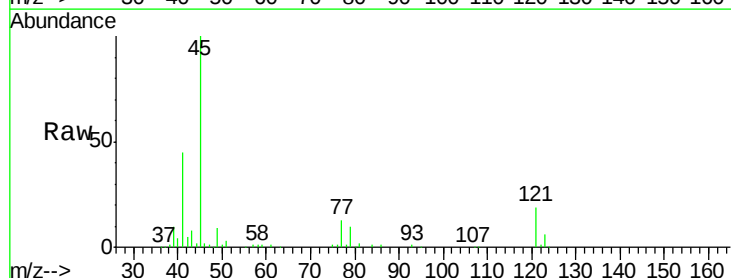
Tgt Ion: 45 Resp: 192791

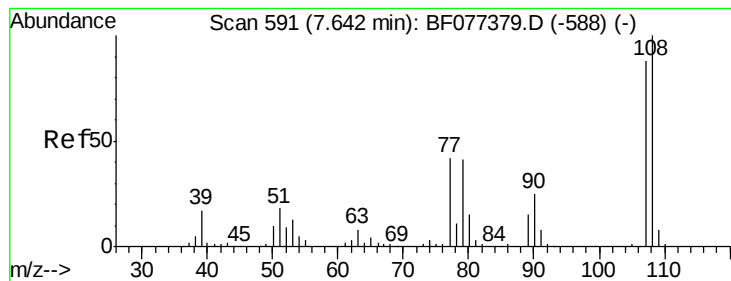
Ion Ratio Lower Upper

45 100

77 13.4 0.0 34.6

79 10.1 0.0 31.5





#17

2-Methylphenol

Concen: 33.43 ng

RT: 7.53 min Scan# 582

Delta R.T. -0.00 min

Lab File: BF077622.D

Acq: 6 Mar 2015 15:20

Instrument :

BNA_F

ClientSampleId :

PB81970BS

Tgt Ion:107 Resp: 117122

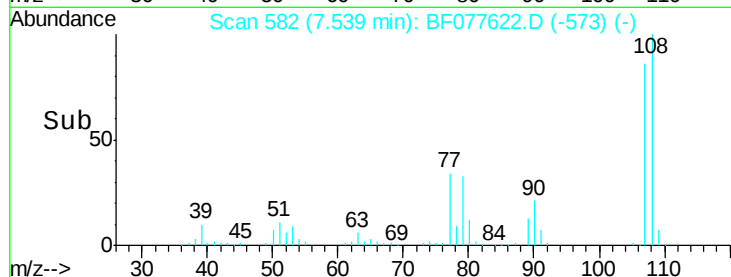
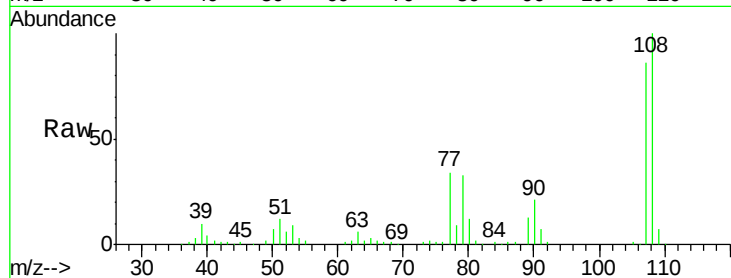
Ion Ratio Lower Upper

107 100

108 116.0 91.2 136.8

77 39.5 33.6 50.4

79 38.2 32.1 48.1

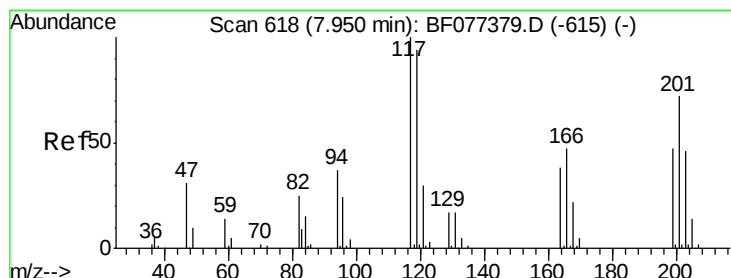
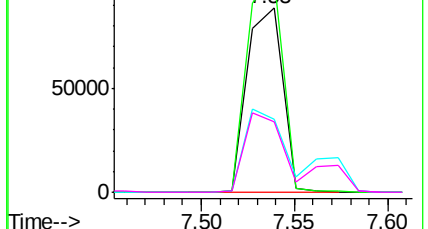


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 34.64 ng

RT: 7.82 min Scan# 607

Delta R.T. -0.00 min

Lab File: BF077622.D

Acq: 6 Mar 2015 15:20

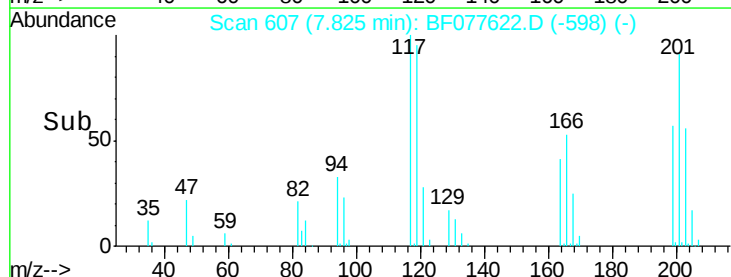
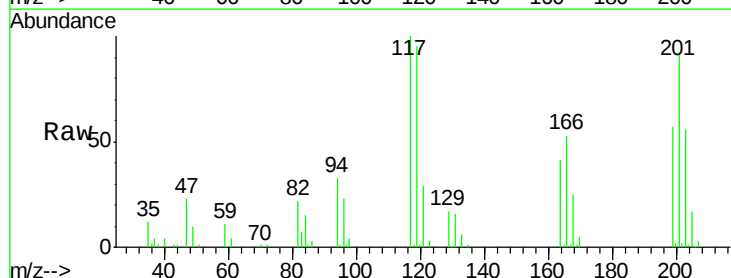
Tgt Ion:117 Resp: 57454

Ion Ratio Lower Upper

117 100

119 95.1 77.8 116.8

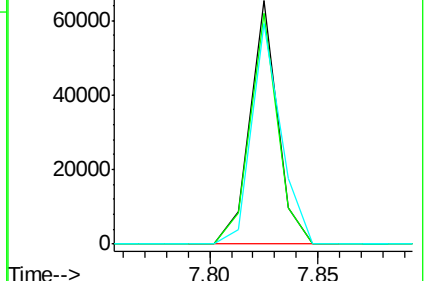
201 90.5 90.6 136.0#

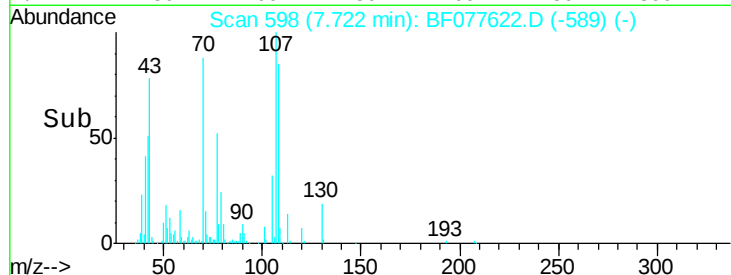
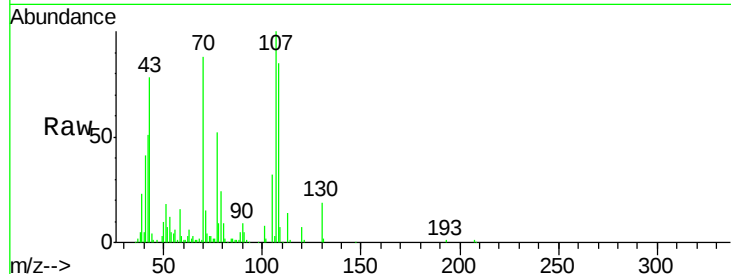


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

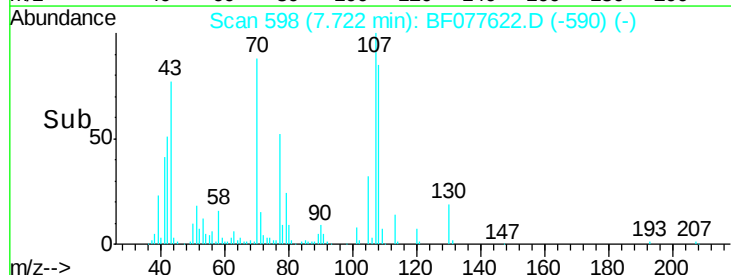
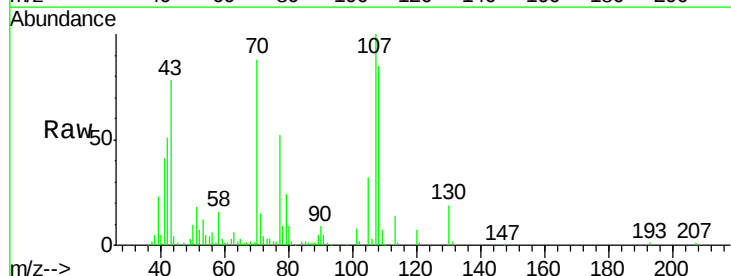
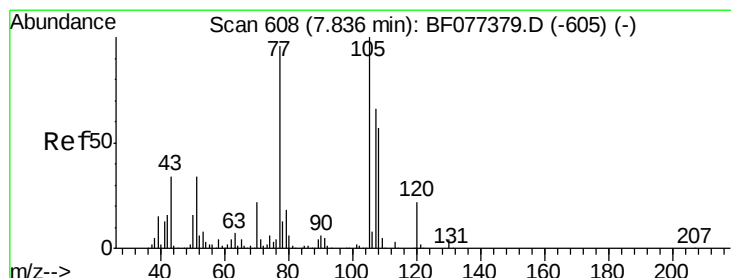
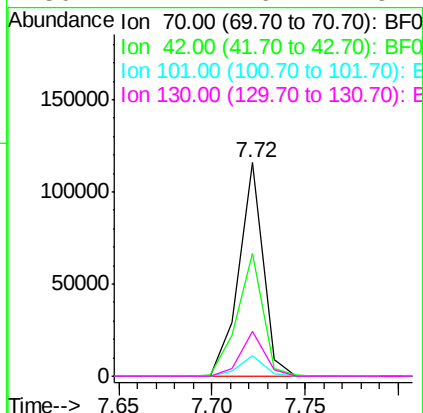




#19
n-Nitroso-di-n-propylamine
Concen: 34.05 ng
RT: 7.72 min Scan# 598
Delta R.T. -0.00 min
Lab File: BF077622.D
Acq: 6 Mar 2015 15:20

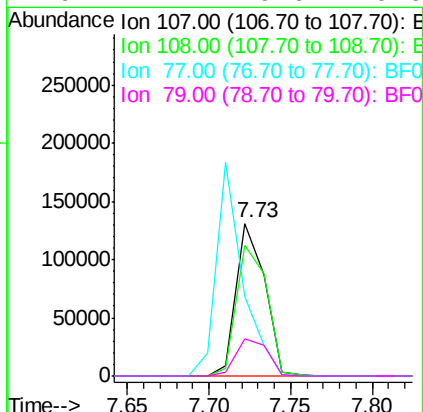
Instrument :
BNA_F
ClientSampleId :
PB81970BS

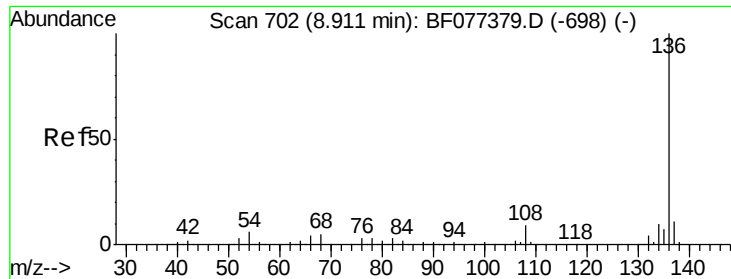
Tgt Ion:	70	Resp:	105658
Ion	Ratio	Lower	Upper
70	100		
42	57.4	48.3	72.5
101	9.3	7.5	11.3
130	21.2	16.7	25.1



#20
3+4-Methylphenols
Concen: 34.62 ng
RT: 7.73 min Scan# 598
Delta R.T. -0.00 min
Lab File: BF077622.D
Acq: 6 Mar 2015 15:20

Tgt Ion:	107	Resp:	159769
Ion	Ratio	Lower	Upper
107	100		
108	85.1	76.8	116.8
77	51.7	65.8	105.8
79	24.4	9.6	49.6

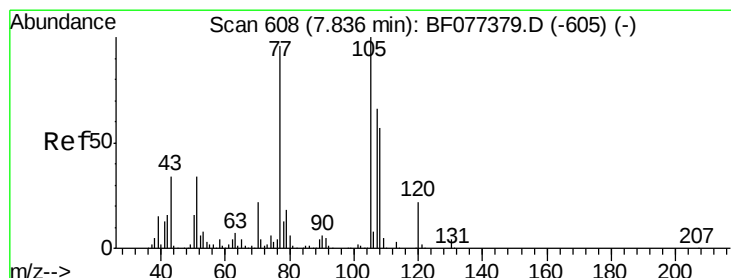
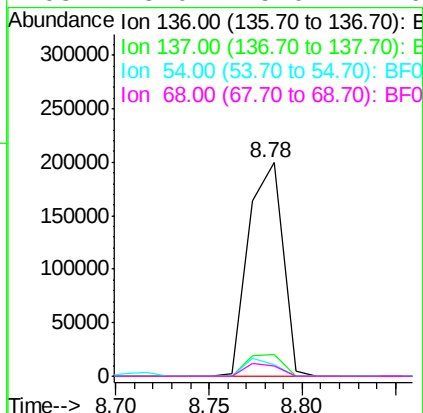
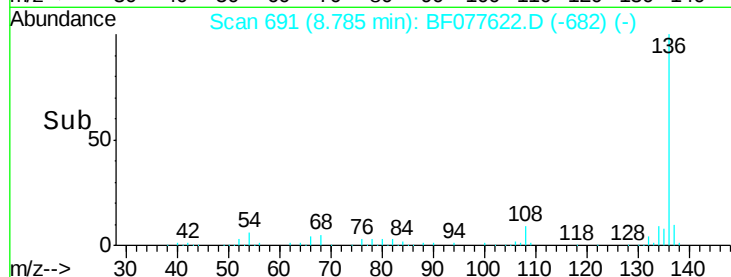
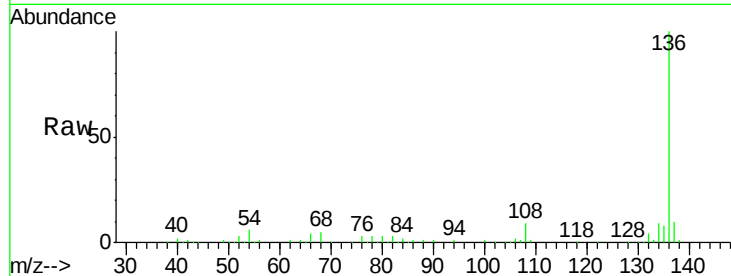




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.78 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF077622.D
Acq: 6 Mar 2015 15:20

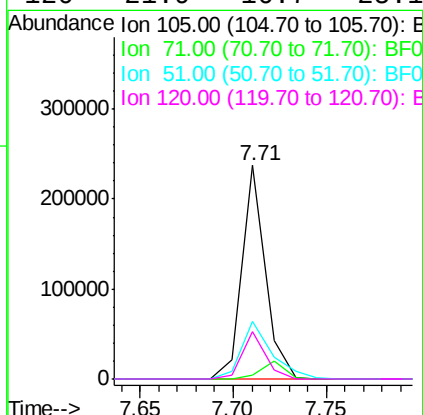
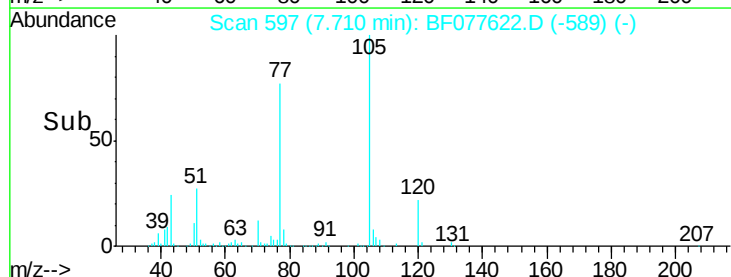
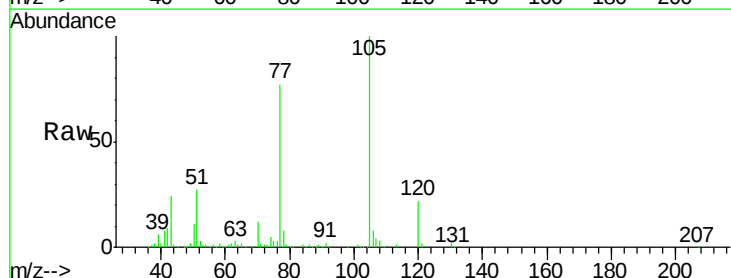
Instrument :
BNA_F
ClientSampleId :
PB81970BS

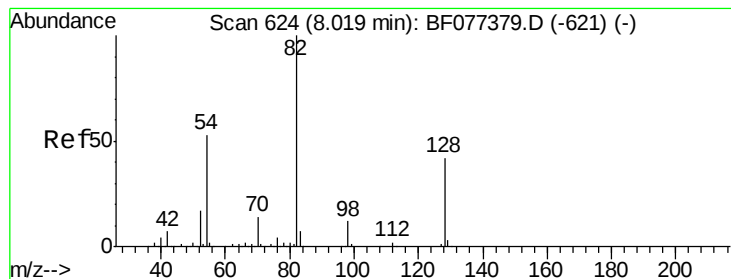
Tgt Ion:	136	Resp:	254812
Ion Ratio	Lower	Upper	
136	100		
137	10.3	8.6	13.0
54	5.6	6.2	9.4#
68	5.0	5.0	7.6#



#22
Acetophenone
Concen: 34.70 ng
RT: 7.71 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF077622.D
Acq: 6 Mar 2015 15:20

Tgt Ion:	105	Resp:	207969
Ion Ratio	Lower	Upper	
105	100		
71	2.0	1.7	2.5
51	27.0	30.7	46.1#
120	21.9	16.7	25.1





#23

Nitrobenzene-d5

Concen: 74.63 ng

RT: 7.89 min Scan# 613

Delta R.T. -0.00 min

Lab File: BF077622.D

Acq: 6 Mar 2015 15:20

Instrument :

BNA_F

ClientSampleId :

PB81970BS

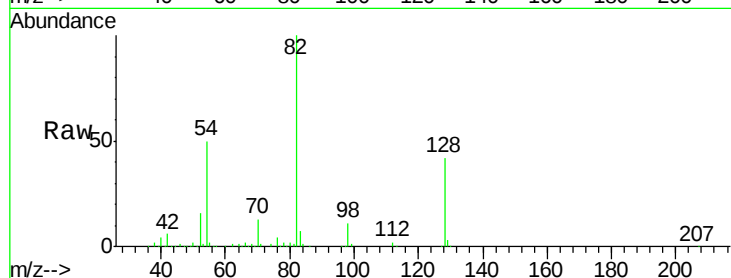
Tgt Ion: 82 Resp: 305814

Ion Ratio Lower Upper

82 100

128 42.3 43.8 65.8#

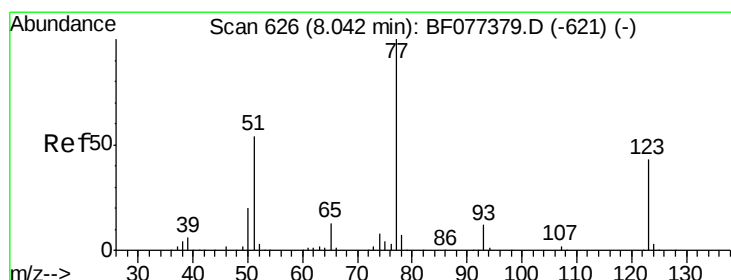
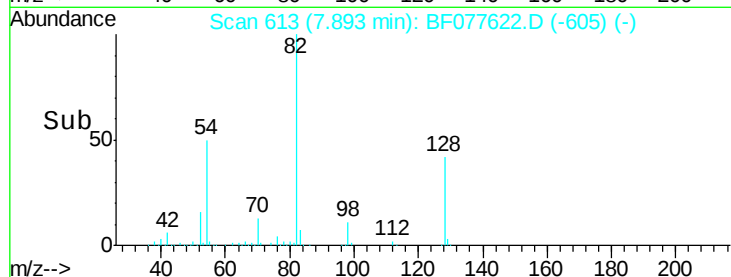
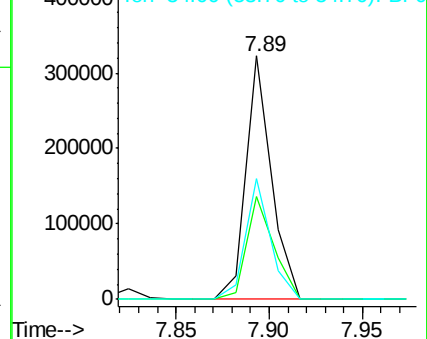
54 49.7 36.7 55.1



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 34.45 ng

RT: 7.92 min Scan# 615

Delta R.T. -0.00 min

Lab File: BF077622.D

Acq: 6 Mar 2015 15:20

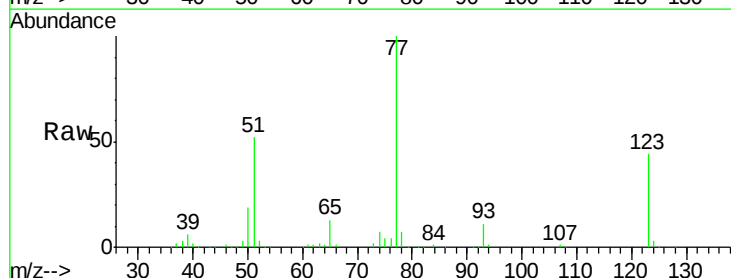
Tgt Ion: 77 Resp: 148535

Ion Ratio Lower Upper

77 100

123 44.1 45.9 68.9#

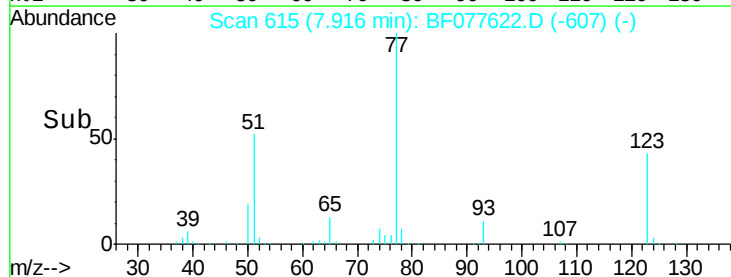
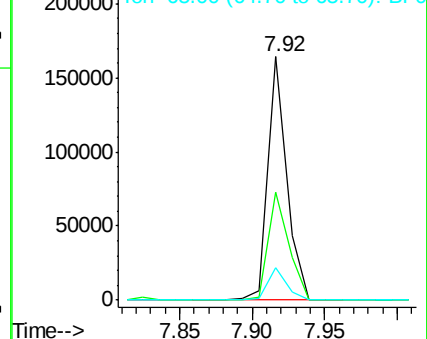
65 13.1 9.5 14.3

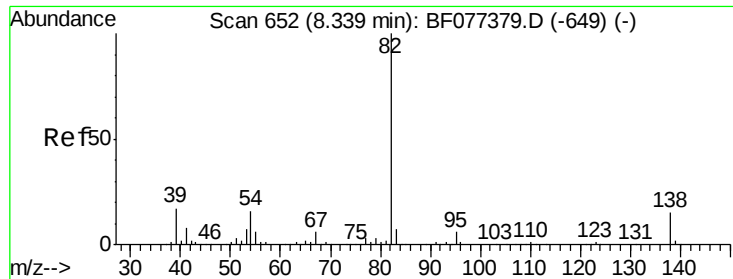


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): B

Ion 65.00 (64.70 to 65.70): BF0

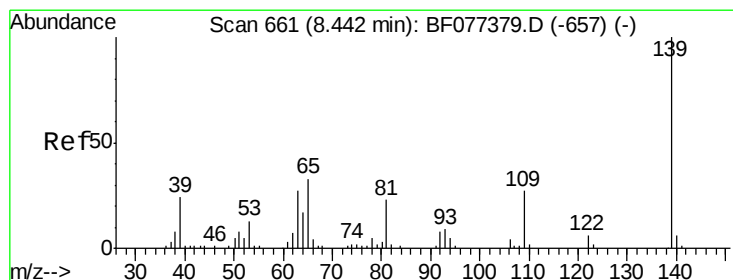
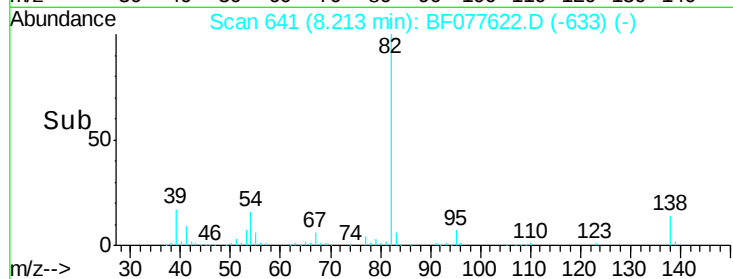
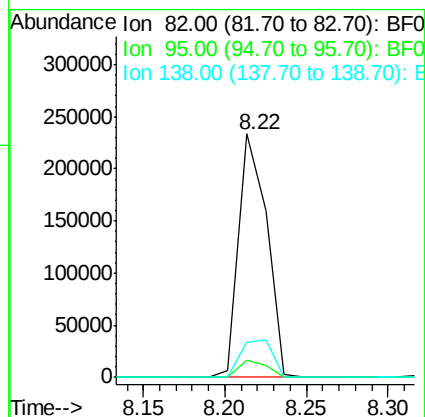
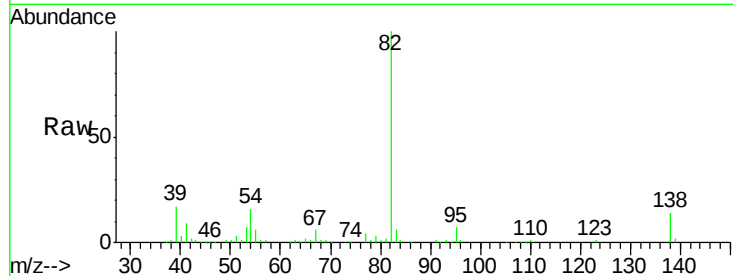




#25
Isophorone
Concen: 33.96 ng
RT: 8.22 min Scan# 641
Delta R.T. -0.00 min
Lab File: BF077622.D
Acq: 6 Mar 2015 15:20

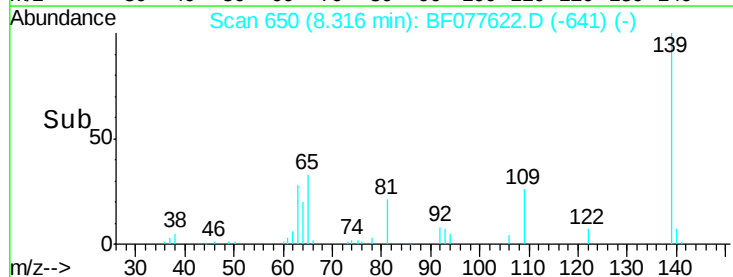
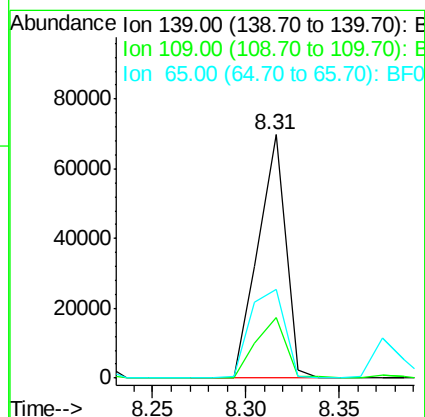
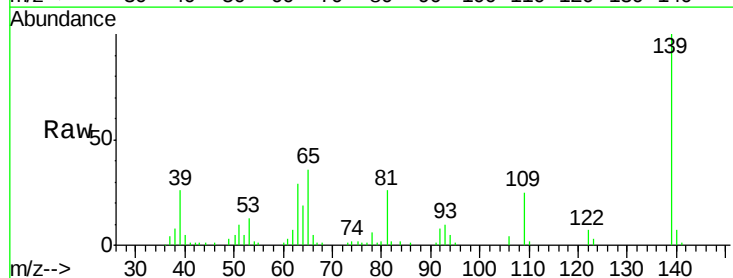
Instrument :
BNA_F
ClientSampleId :
PB81970BS

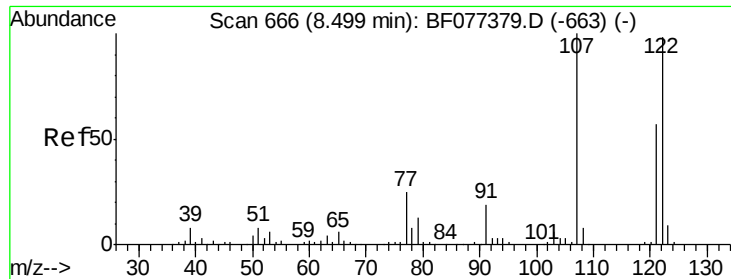
Tgt Ion: 82 Resp: 276121
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 14.5 16.3 24.5#



#26
2-Nitrophenol
Concen: 40.52 ng
RT: 8.31 min Scan# 650
Delta R.T. -0.00 min
Lab File: BF077622.D
Acq: 6 Mar 2015 15:20

Tgt Ion: 139 Resp: 71596
Ion Ratio Lower Upper
139 100
109 24.9 22.6 34.0
65 36.4 36.4 54.6#

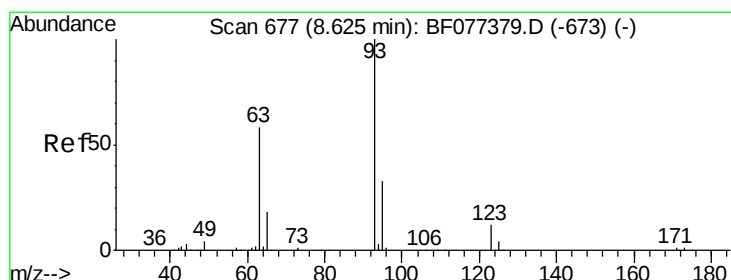
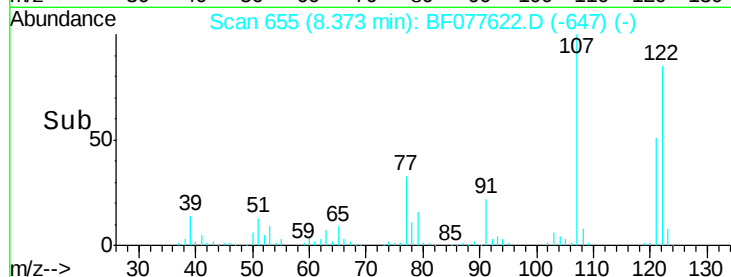
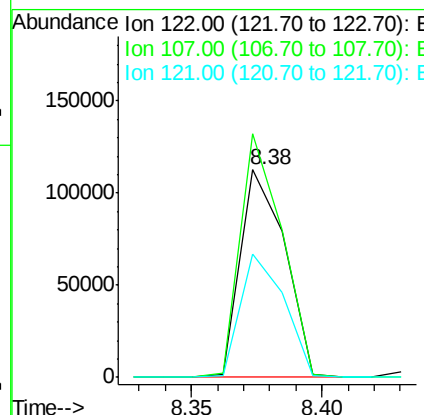
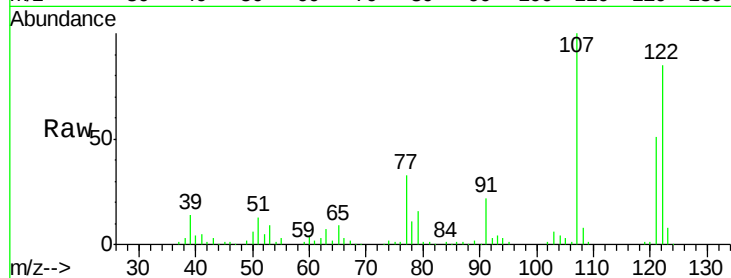




#27
 2,4-Dimethylphenol
 Concen: 33.93 ng
 RT: 8.38 min Scan# 655
 Delta R.T. -0.00 min
 Lab File: BF077622.D
 Acq: 6 Mar 2015 15:20

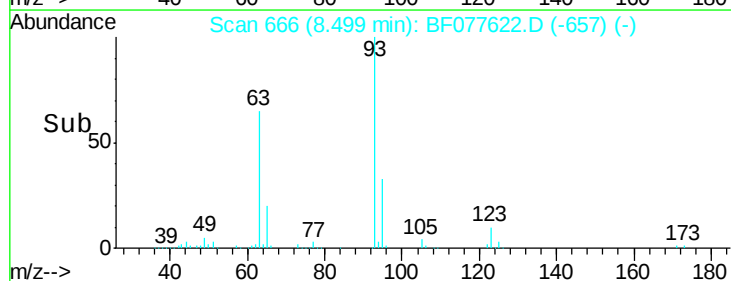
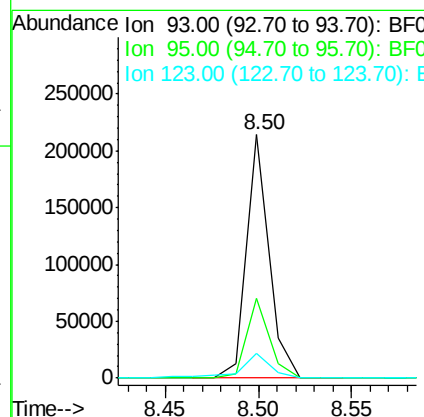
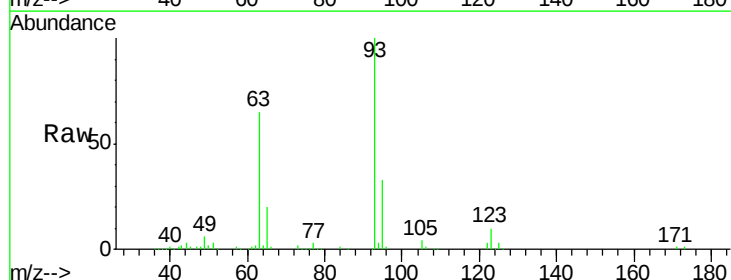
Instrument :
 BNA_F
 ClientSampleId :
 PB81970BS

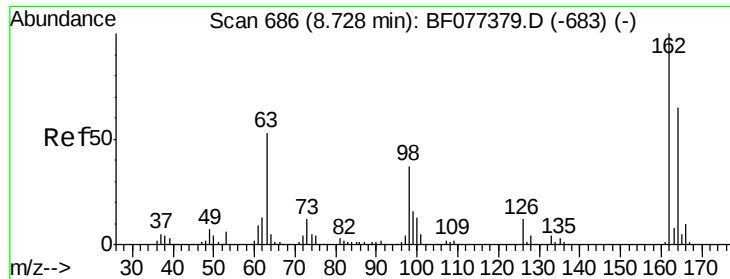
Tgt Ion: 122 Resp: 134151
 Ion Ratio Lower Upper
 122 100
 107 117.3 86.6 130.0
 121 59.3 47.4 71.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.03 ng
 RT: 8.50 min Scan# 666
 Delta R.T. -0.00 min
 Lab File: BF077622.D
 Acq: 6 Mar 2015 15:20

Tgt Ion: 93 Resp: 179914
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.4 39.6
 123 10.2 8.7 13.1

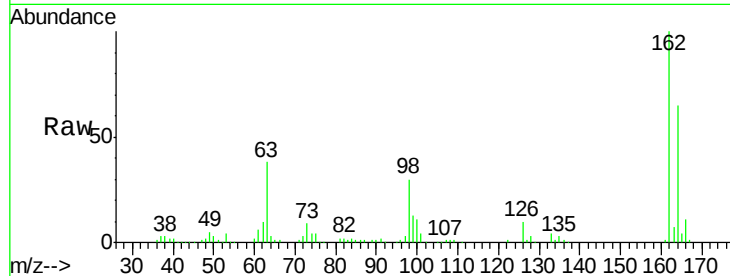




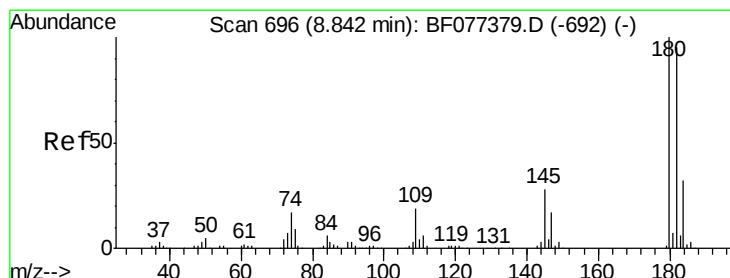
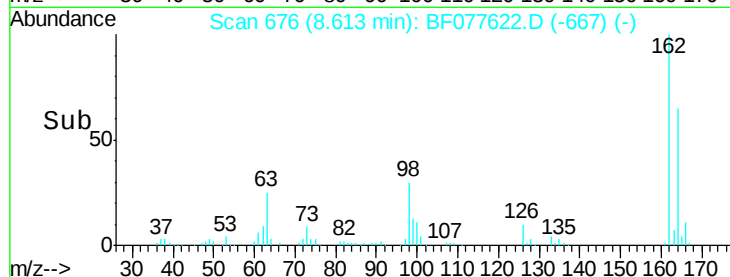
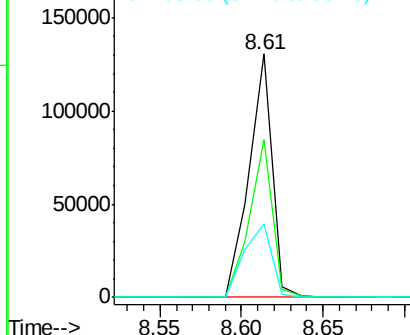
#29
 2,4-Dichlorophenol
 Concen: 34.74 ng
 RT: 8.61 min Scan# 676
 Delta R.T. -0.00 min
 Lab File: BF077622.D
 Acq: 6 Mar 2015 15:20

Instrument :
 BNA_F
 ClientSampleId :
 PB81970BS

Tgt Ion:162 Resp: 128913
 Ion Ratio Lower Upper
 162 100
 164 64.9 46.4 86.4
 98 29.9 6.9 46.9

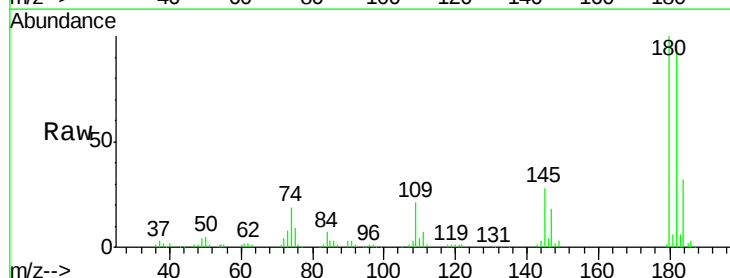


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

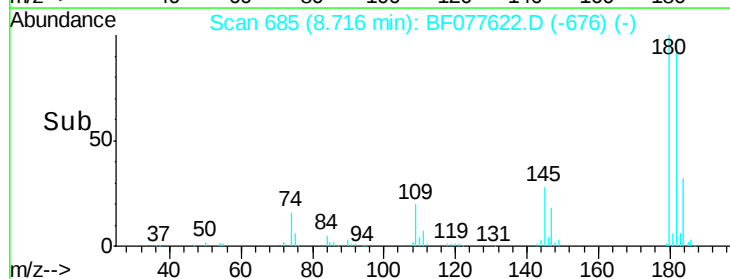
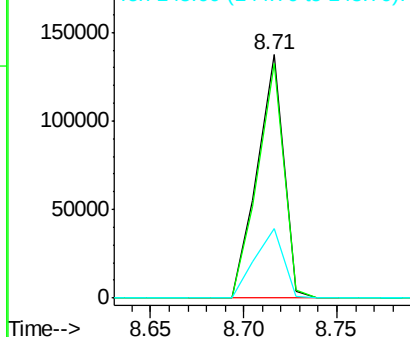


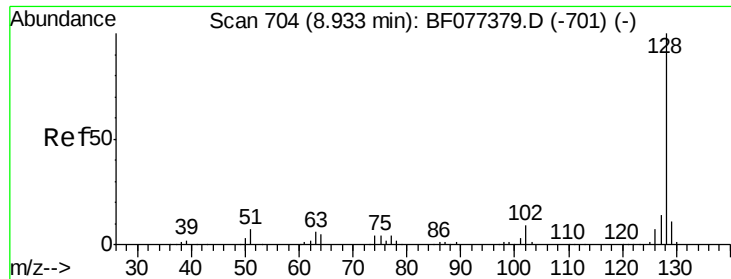
#30
 1,2,4-Trichlorobenzene
 Concen: 33.17 ng
 RT: 8.71 min Scan# 685
 Delta R.T. -0.00 min
 Lab File: BF077622.D
 Acq: 6 Mar 2015 15:20

Tgt Ion:180 Resp: 135340
 Ion Ratio Lower Upper
 180 100
 182 96.4 76.2 114.4
 145 28.4 24.5 36.7



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

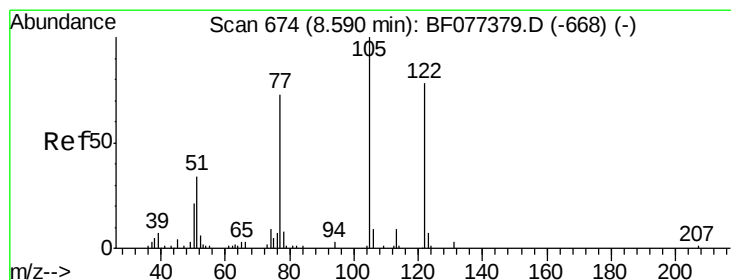
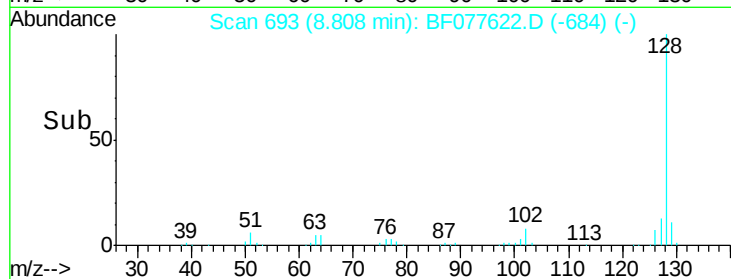
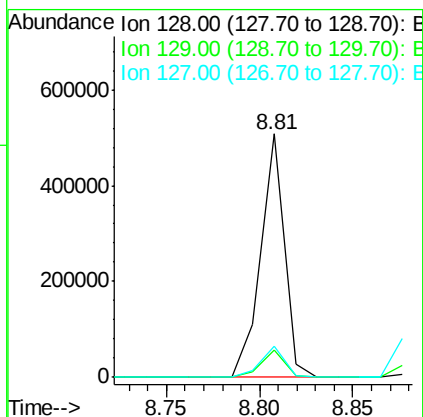
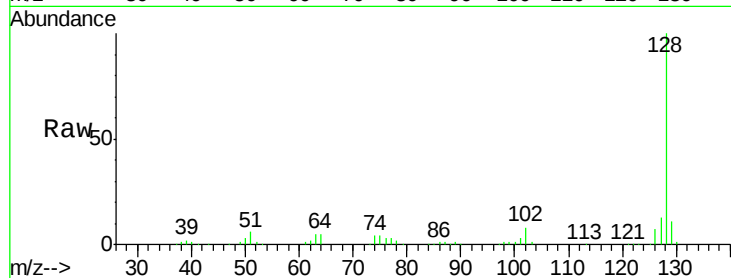




#31
Naphthalene
Concen: 34.83 ng
RT: 8.81 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF077622.D
Acq: 6 Mar 2015 15:20

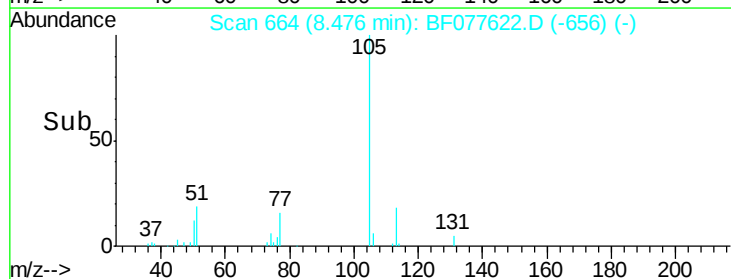
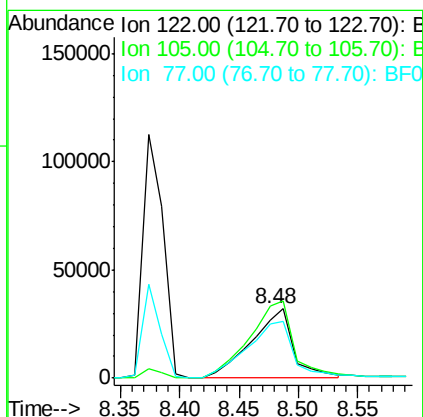
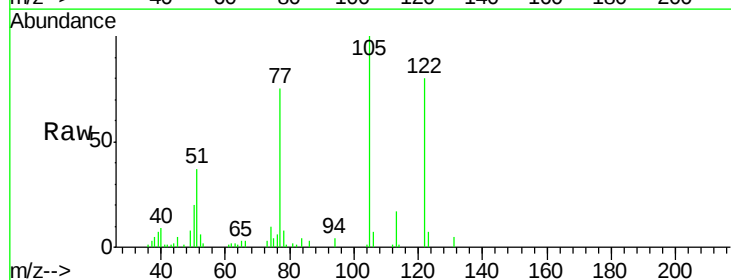
Instrument :
BNA_F
ClientSampleId :
PB81970BS

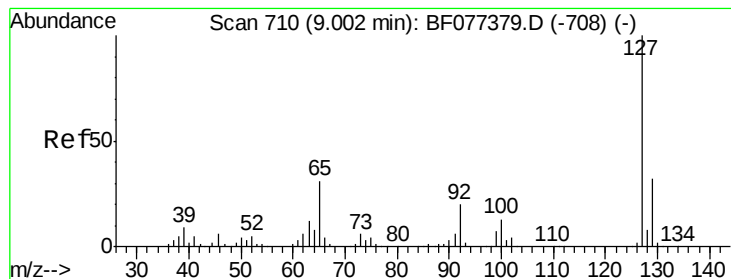
Tgt Ion:128 Resp: 443881
Ion Ratio Lower Upper
128 100
129 11.0 9.4 14.0
127 12.9 10.6 15.8



#32
Benzoic acid
Concen: 39.83 ng
RT: 8.48 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF077622.D
Acq: 6 Mar 2015 15:20

Tgt Ion:122 Resp: 76512
Ion Ratio Lower Upper
122 100
105 125.6 100.3 140.3
77 94.4 68.7 108.7





#33

4-Chloroaniline

Concen: 18.87 ng

RT: 8.88 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF077622.D

Acq: 6 Mar 2015 15:20

Instrument :

BNA_F

ClientSampleId :

PB81970BS

Tgt Ion:127 Resp: 106886

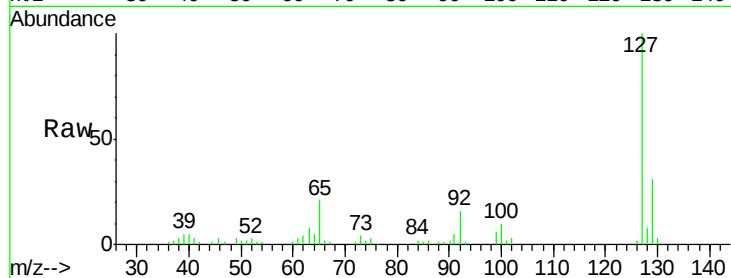
Ion Ratio Lower Upper

127 100

129 31.0 26.9 40.3

65 20.9 16.7 25.1

92 15.9 12.5 18.7

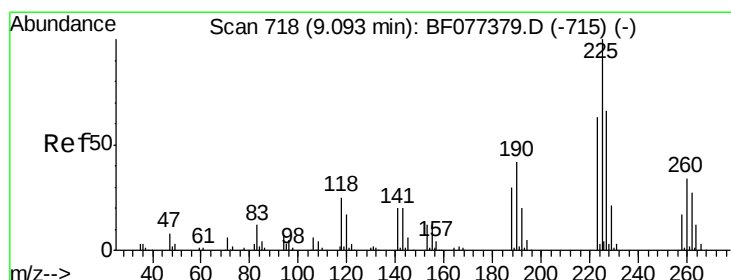
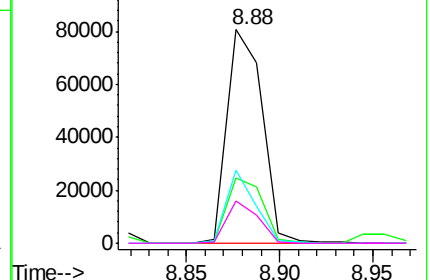
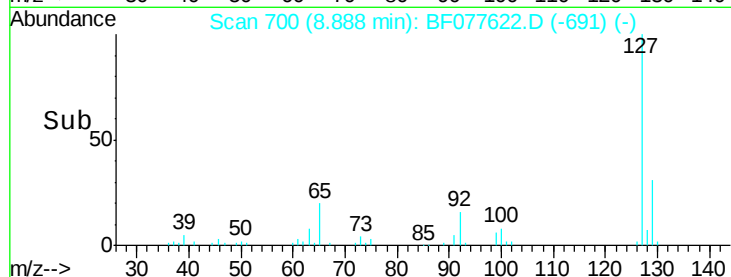


Abundance Ion 127.00 (126.70 to 127.70): E

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: 32.40 ng

RT: 8.96 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF077622.D

Acq: 6 Mar 2015 15:20

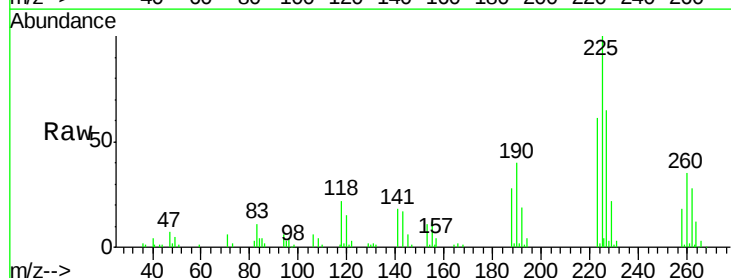
Tgt Ion:225 Resp: 75464

Ion Ratio Lower Upper

225 100

223 60.7 49.5 74.3

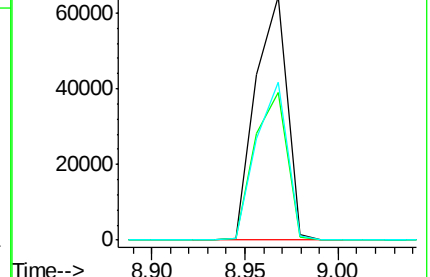
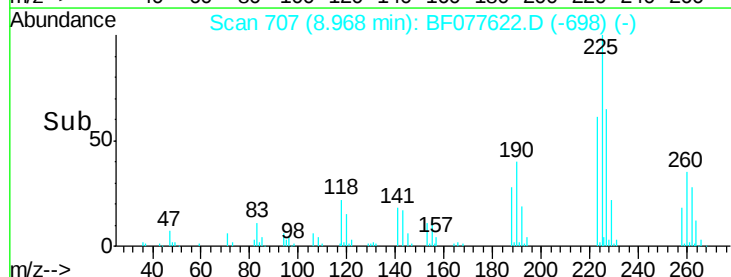
227 64.8 50.5 75.7

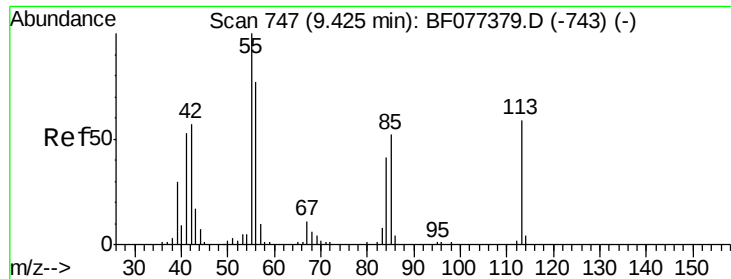


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

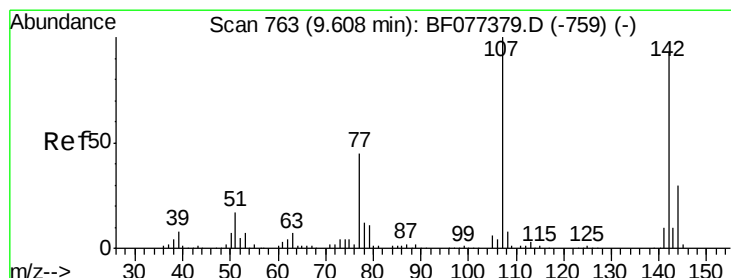
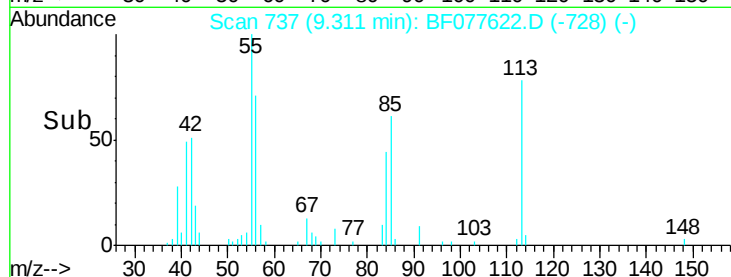
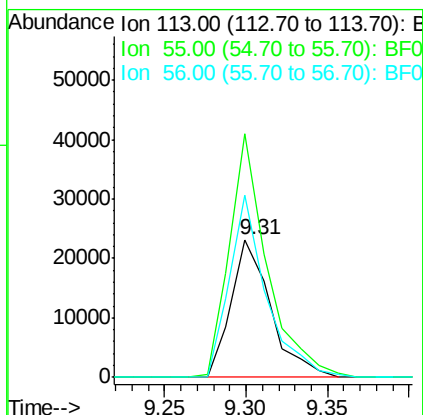
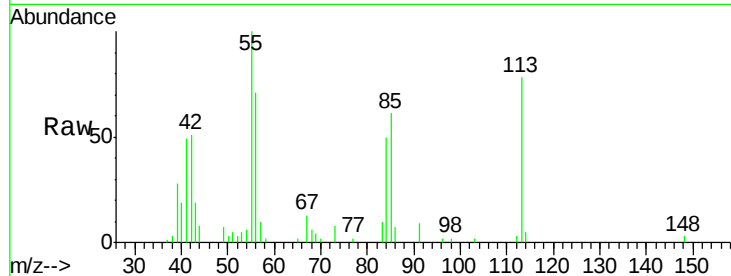




#35
 Caprolactam
 Concen: 34.34 ng
 RT: 9.31 min Scan# 737
 Delta R.T. -0.00 min
 Lab File: BF077622.D
 Acq: 6 Mar 2015 15:20

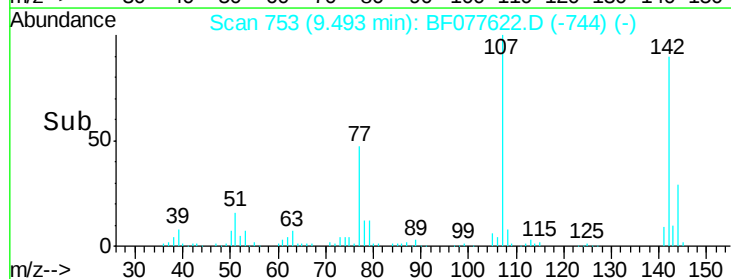
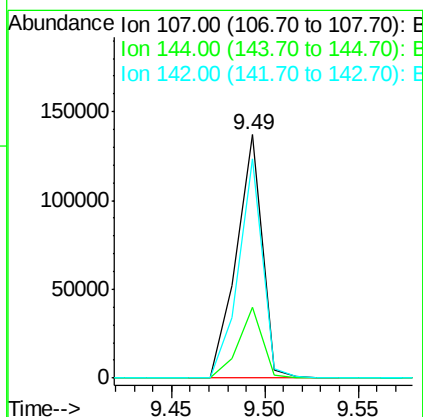
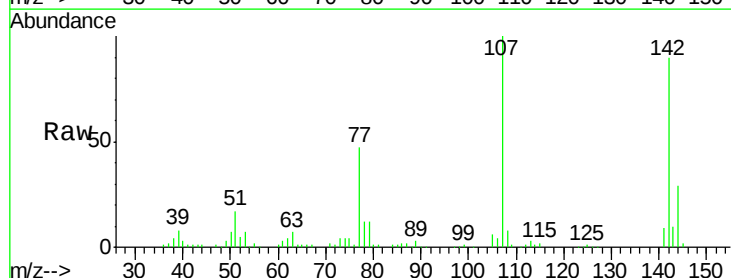
Instrument :
 BNA_F
 ClientSampleId :
 PB81970BS

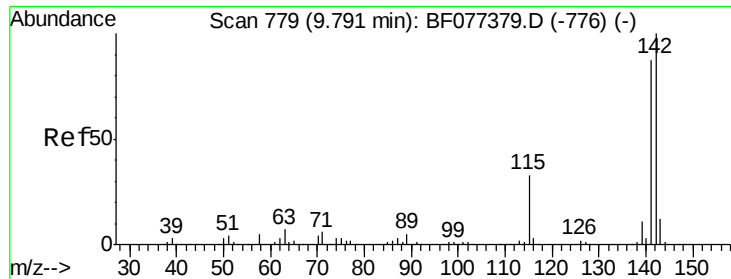
Tgt Ion:113 Resp: 38903
 Ion Ratio Lower Upper
 113 100
 55 128.8 154.6 194.6#
 56 91.0 114.0 154.0#



#36
 4-Chloro-3-methylphenol
 Concen: 35.88 ng
 RT: 9.49 min Scan# 753
 Delta R.T. -0.00 min
 Lab File: BF077622.D
 Acq: 6 Mar 2015 15:20

Tgt Ion:107 Resp: 133851
 Ion Ratio Lower Upper
 107 100
 144 28.9 21.1 31.7
 142 90.0 65.3 97.9

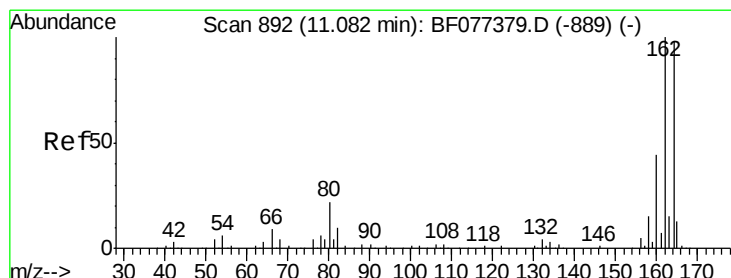
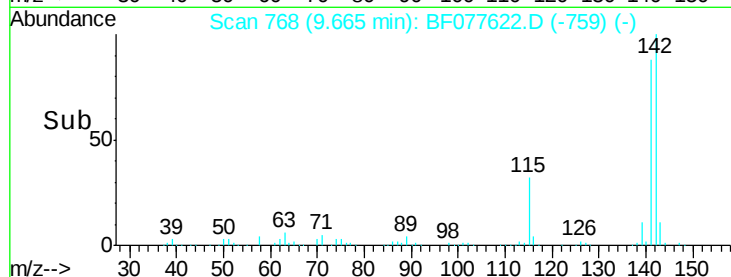
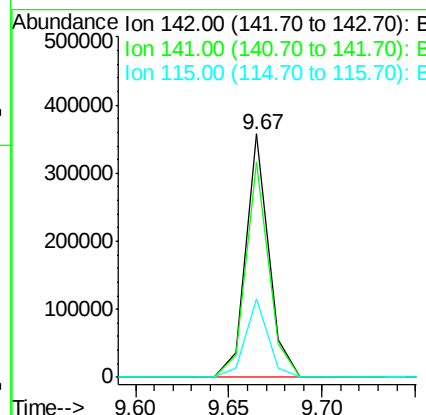
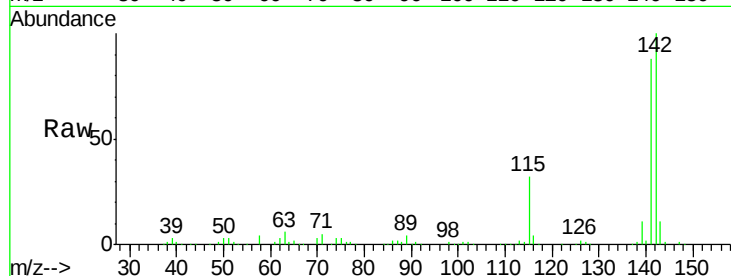




#37
 2-Methylnaphthalene
 Concen: 34.00 ng
 RT: 9.67 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: BF077622.D
 Acq: 6 Mar 2015 15:20

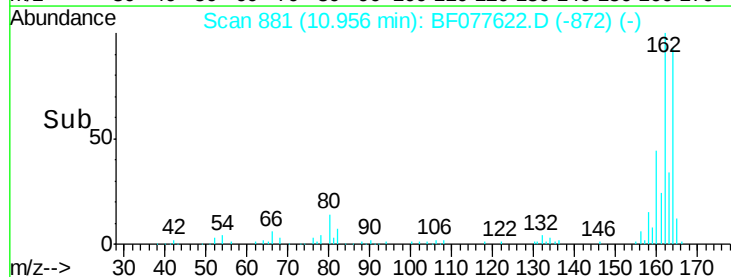
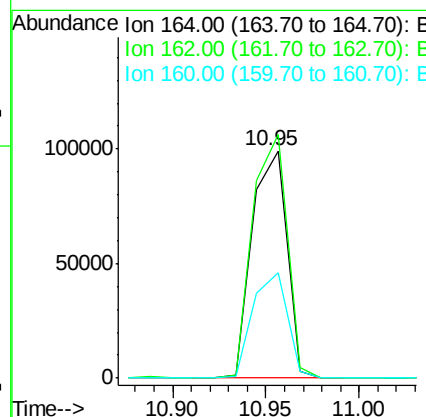
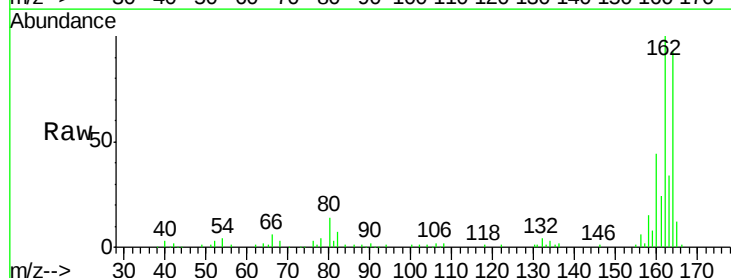
Instrument :
 BNA_F
 ClientSampleId :
 PB81970BS

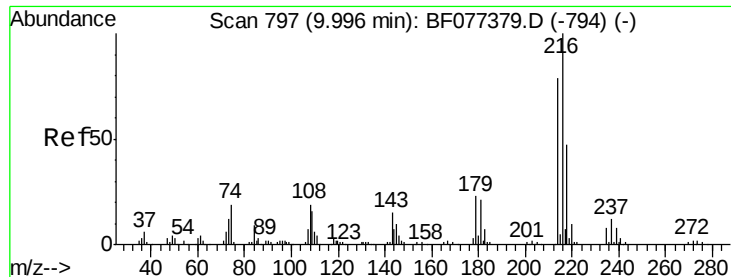
Tgt Ion:142 Resp: 307667
 Ion Ratio Lower Upper
 142 100
 141 88.3 70.7 106.1
 115 32.5 24.2 36.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.95 min Scan# 881
 Delta R.T. -0.00 min
 Lab File: BF077622.D
 Acq: 6 Mar 2015 15:20

Tgt Ion:164 Resp: 127334
 Ion Ratio Lower Upper
 164 100
 162 107.0 83.2 124.8
 160 46.6 34.6 52.0

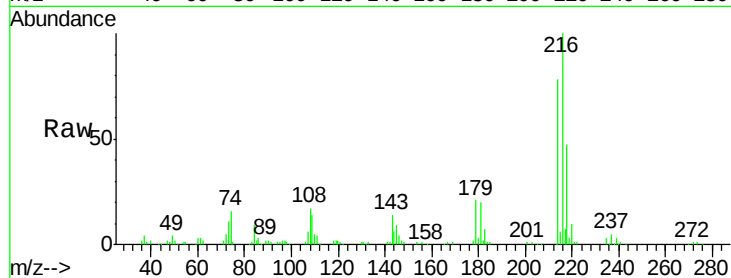




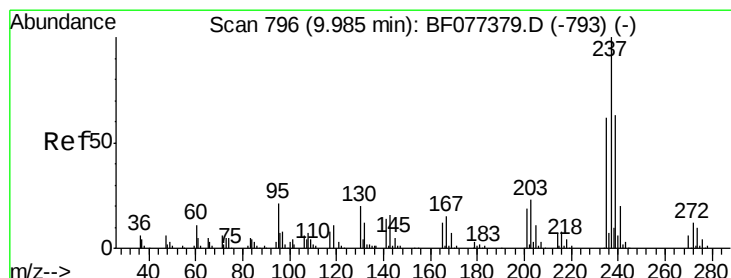
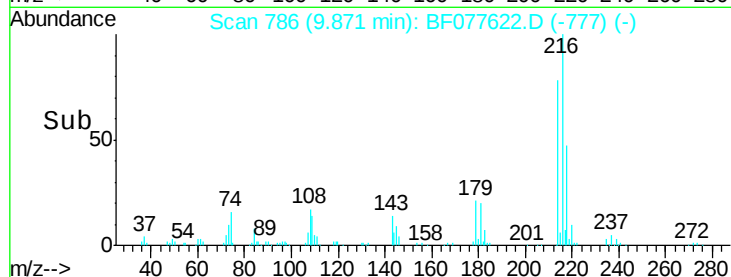
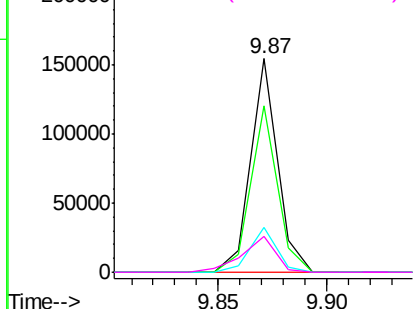
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.32 ng
 RT: 9.87 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF077622.D
 Acq: 6 Mar 2015 15:20

Instrument :
 BNA_F
 ClientSampleId :
 PB81970BS

Tgt Ion:	216	Resp:	132688
Ion	Ratio	Lower	Upper
216	100		
214	77.9	63.4	95.0
179	21.1	16.6	25.0
108	21.1	14.2	21.4

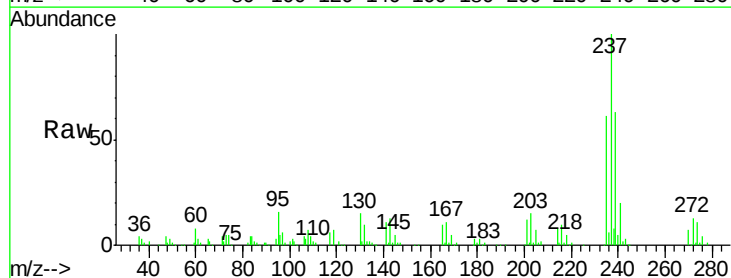


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

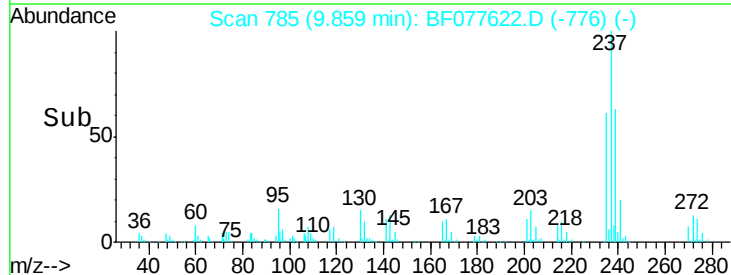
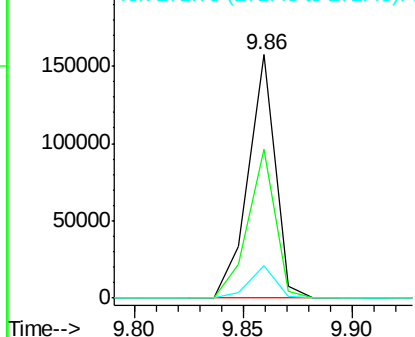


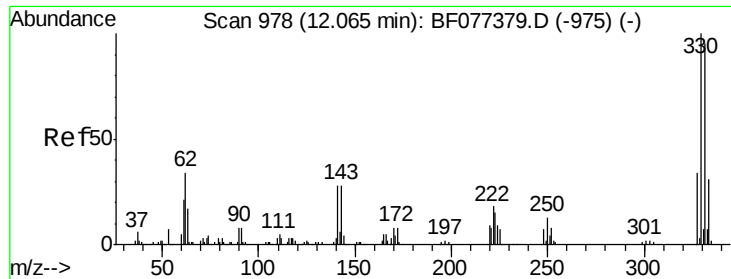
#40
 Hexachlorocyclopentadiene
 Concen: 69.37 ng
 RT: 9.86 min Scan# 785
 Delta R.T. -0.00 min
 Lab File: BF077622.D
 Acq: 6 Mar 2015 15:20

Tgt Ion:	237	Resp:	135912
Ion	Ratio	Lower	Upper
237	100		
235	61.0	41.0	81.0
272	13.3	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

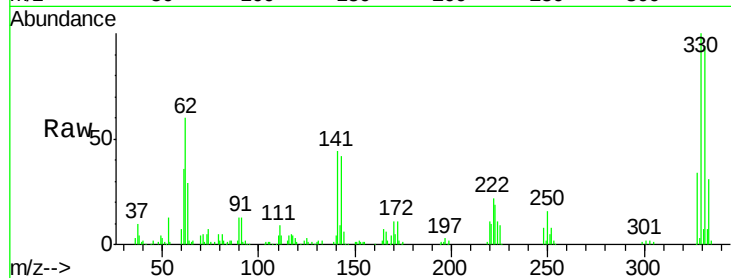




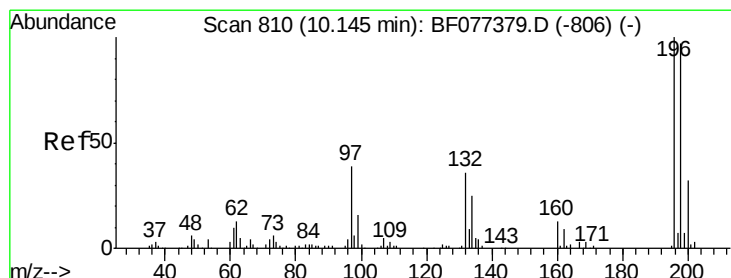
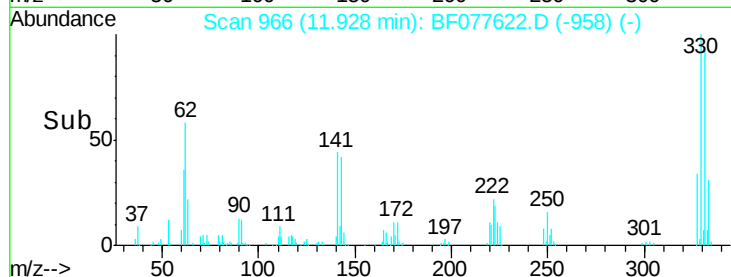
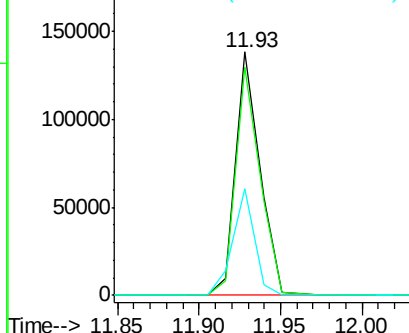
#41
 2,4,6-Tribromophenol
 Concen: 115.61 ng
 RT: 11.93 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: BF077622.D
 Acq: 6 Mar 2015 15:20

Instrument :
 BNA_F
 ClientSampleId :
 PB81970BS

Tgt Ion:330 Resp: 141747
 Ion Ratio Lower Upper
 330 100
 332 94.3 77.4 116.2
 141 39.3 28.8 43.2

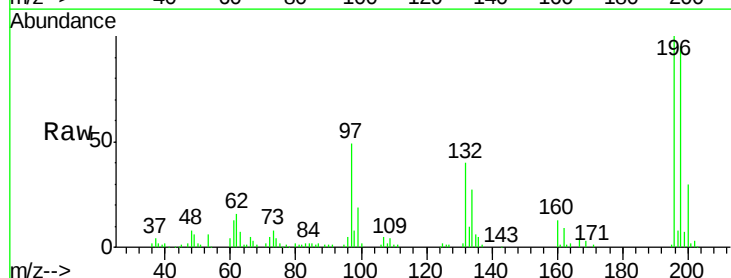


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

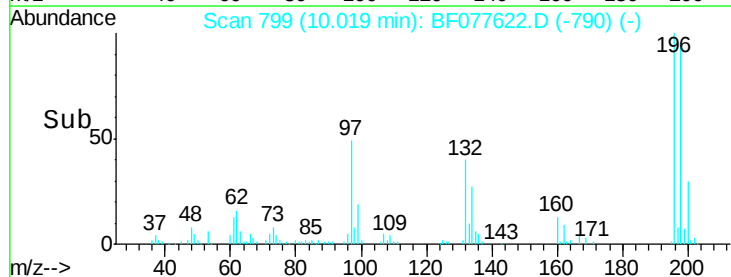
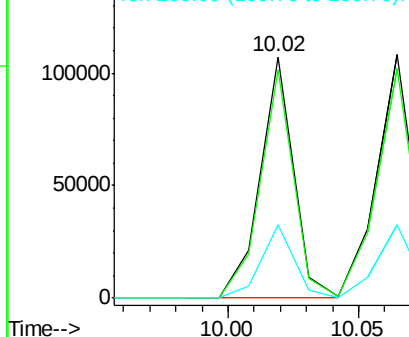


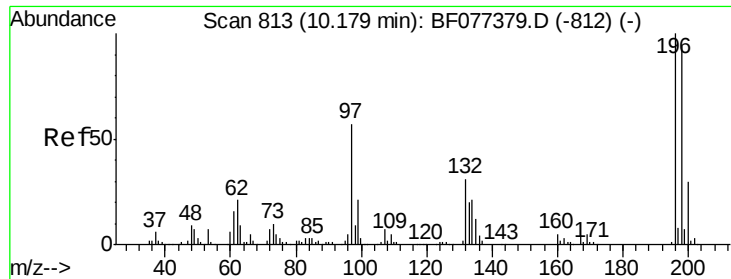
#42
 2,4,6-Trichlorophenol
 Concen: 39.20 ng
 RT: 10.02 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF077622.D
 Acq: 6 Mar 2015 15:20

Tgt Ion:196 Resp: 94854
 Ion Ratio Lower Upper
 196 100
 198 94.6 75.8 113.8
 200 30.4 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

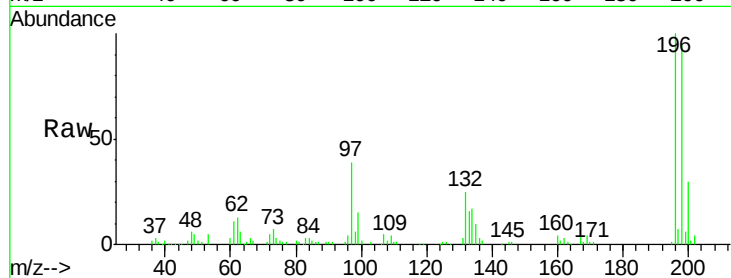




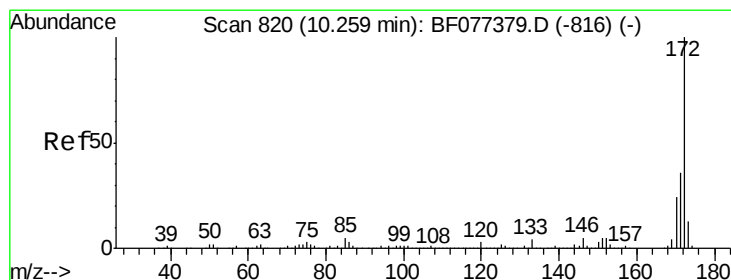
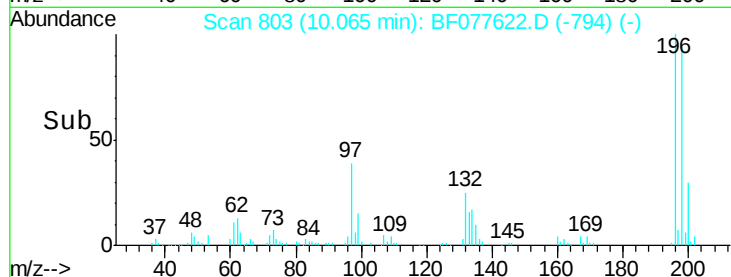
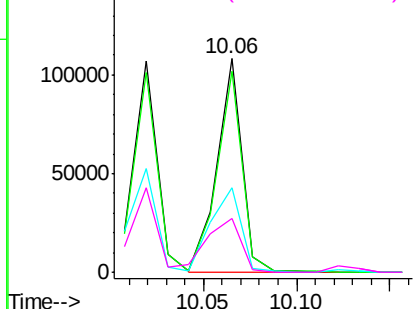
#43
 2,4,5-Trichlorophenol
 Concen: 39.37 ng
 RT: 10.06 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF077622.D
 Acq: 6 Mar 2015 15:20

Instrument :
 BNA_F
 ClientSampleId :
 PB81970BS

Tgt Ion:196 Resp: 101851
 Ion Ratio Lower Upper
 196 100
 198 94.1 77.2 115.8
 97 39.4 27.7 41.5
 132 25.1 18.0 27.0

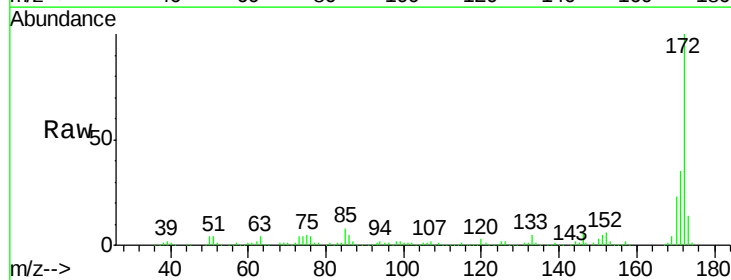


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

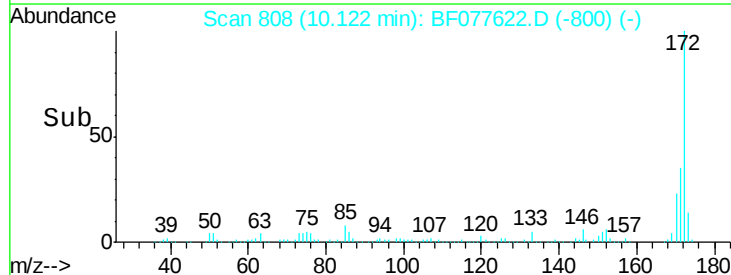
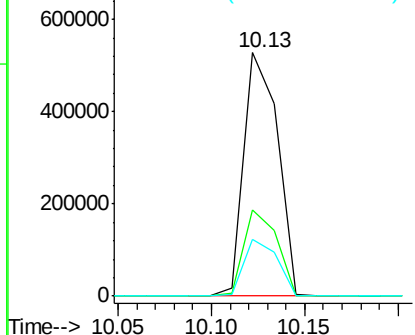


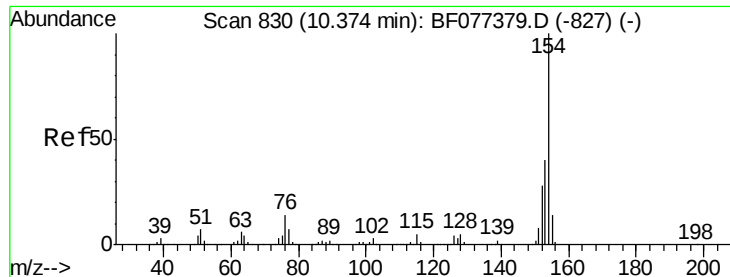
#44
 2-Fluorobiphenyl
 Concen: 81.15 ng
 RT: 10.13 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF077622.D
 Acq: 6 Mar 2015 15:20

Tgt Ion:172 Resp: 662698
 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

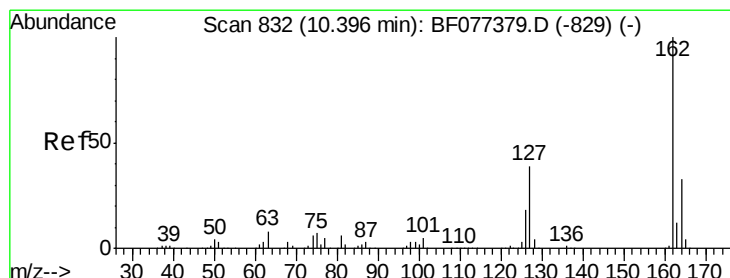
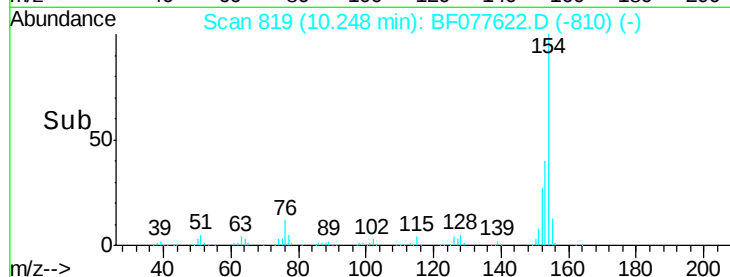
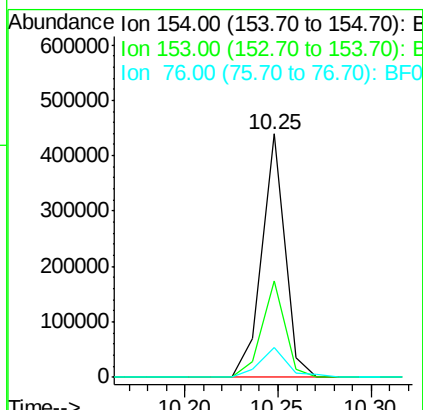
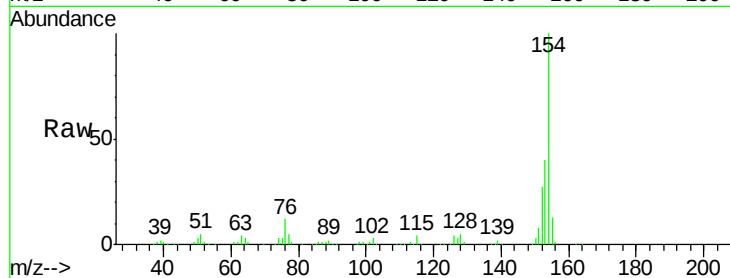




#45
 1,1'-Biphenyl
 Concen: 38.78 ng
 RT: 10.25 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF077622.D
 Acq: 6 Mar 2015 15:20

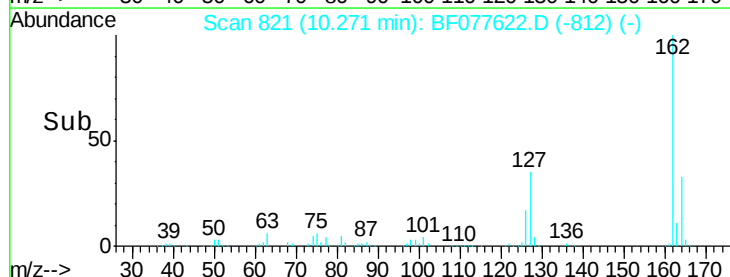
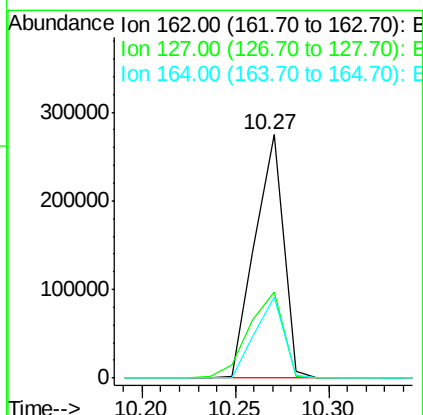
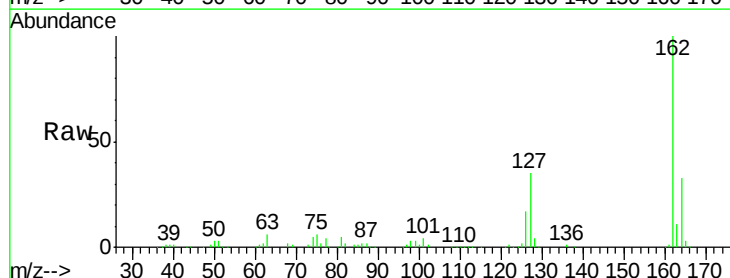
Instrument :
 BNA_F
 ClientSampleId :
 PB81970BS

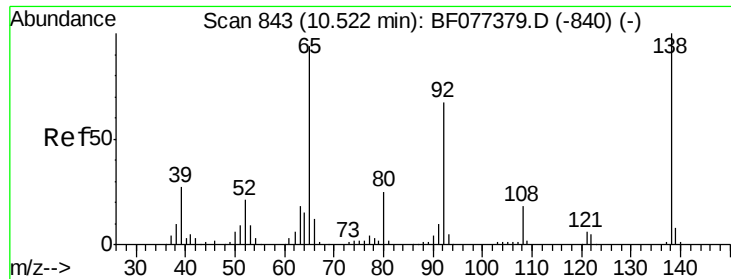
Tgt Ion:	154	Resp:	374115
Ion	Ratio	Lower	Upper
154	100		
153	39.6	20.2	60.2
76	12.2	0.0	29.4



#46
 2-Chloronaphthalene
 Concen: 38.65 ng
 RT: 10.27 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF077622.D
 Acq: 6 Mar 2015 15:20

Tgt Ion:	162	Resp:	292444
Ion	Ratio	Lower	Upper
162	100		
127	35.3	33.3	49.9
164	33.2	26.2	39.4

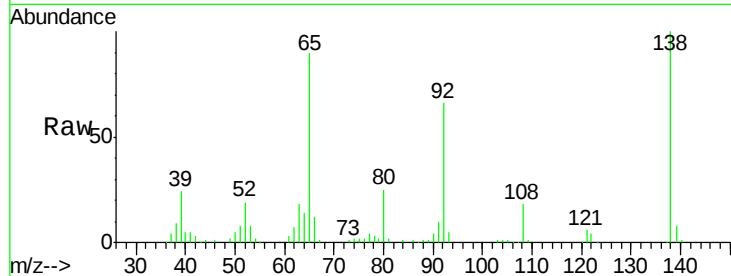




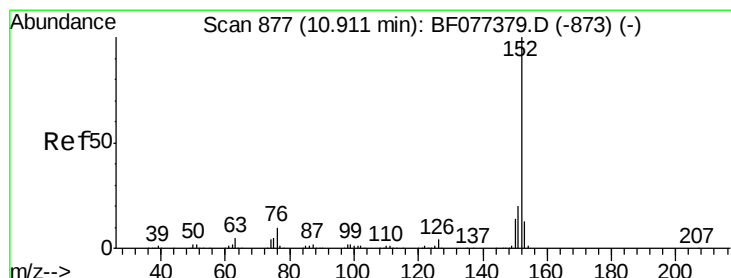
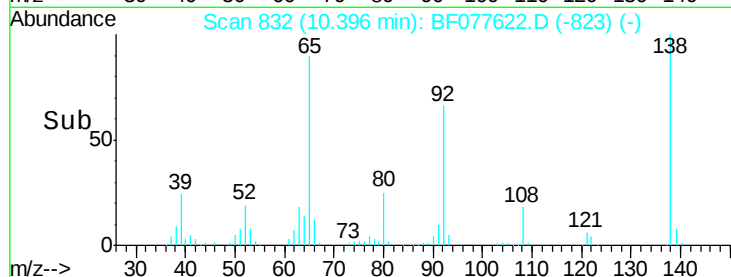
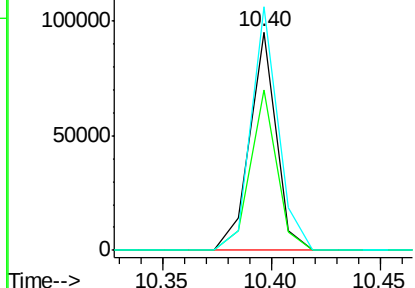
#47
2-Nitroaniline
Concen: 43.50 ng
RT: 10.40 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF077622.D
Acq: 6 Mar 2015 15:20

Instrument :
BNA_F
ClientSampleId :
PB81970BS

Tgt Ion: 65 Resp: 81020
Ion Ratio Lower Upper
65 100
92 73.4 52.4 78.6
138 111.5 73.4 110.0#

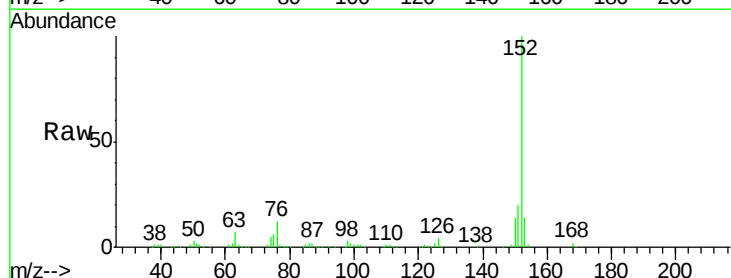


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

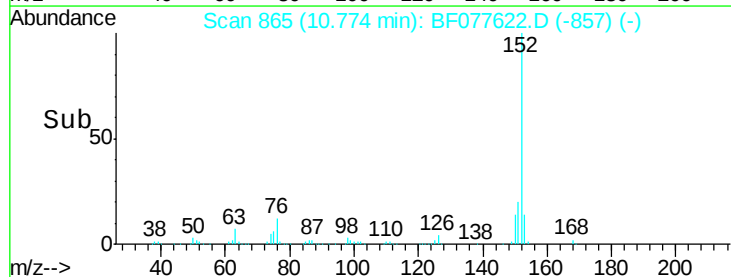
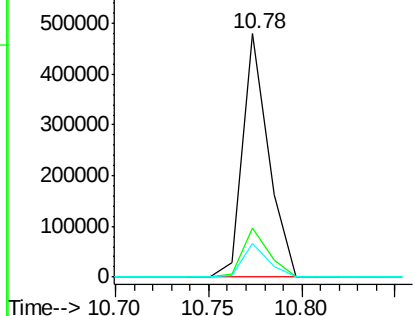


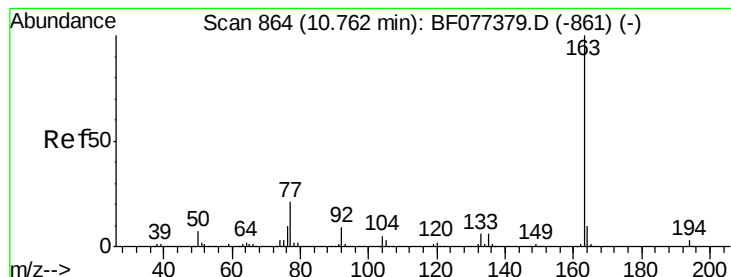
#48
Acenaphthylene
Concen: 38.41 ng
RT: 10.78 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF077622.D
Acq: 6 Mar 2015 15:20

Tgt Ion: 152 Resp: 459987
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 13.7 10.9 16.3



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





#49

Dimethylphthalate

Concen: 38.60 ng

RT: 10.64 min Scan# 853

Delta R.T. -0.00 min

Lab File: BF077622.D

Acq: 6 Mar 2015 15:20

Instrument :

BNA_F

ClientSampleId :

PB81970BS

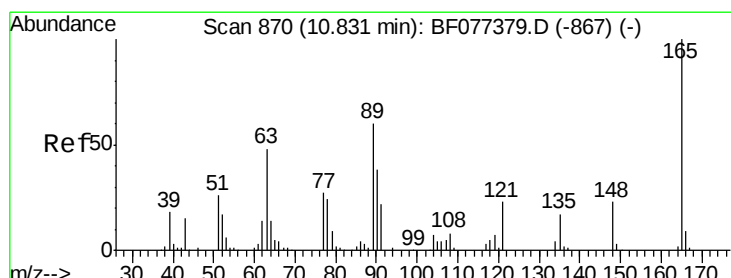
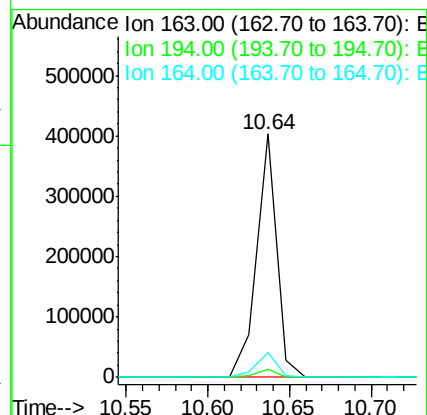
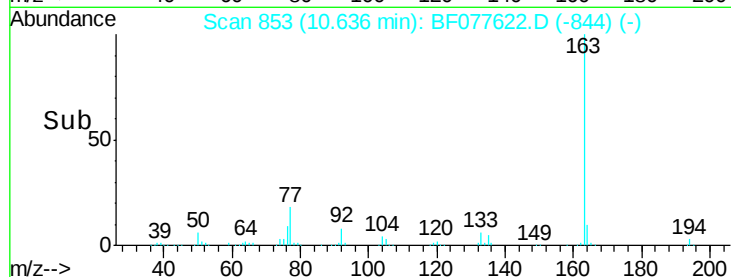
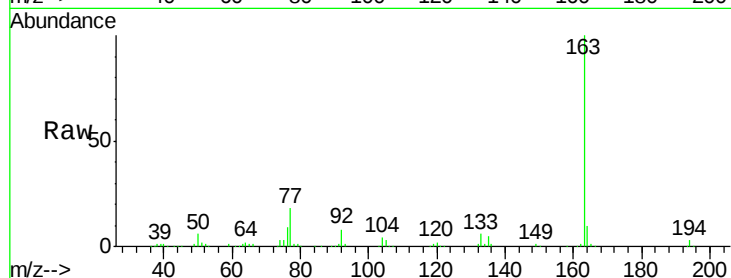
Tgt Ion:163 Resp: 345538

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

164 10.0 8.6 13.0



#50

2,6-Dinitrotoluene

Concen: 40.82 ng

RT: 10.71 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF077622.D

Acq: 6 Mar 2015 15:20

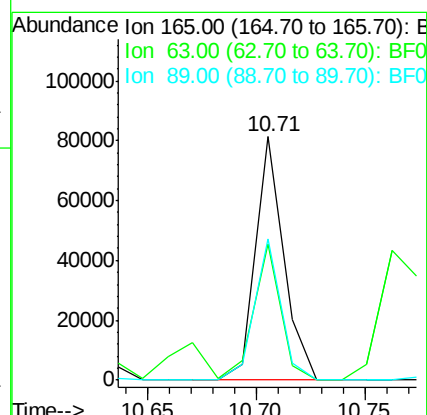
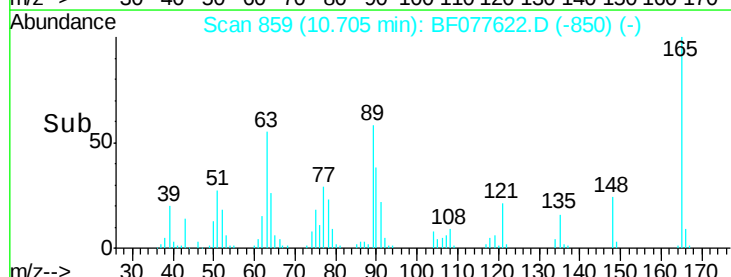
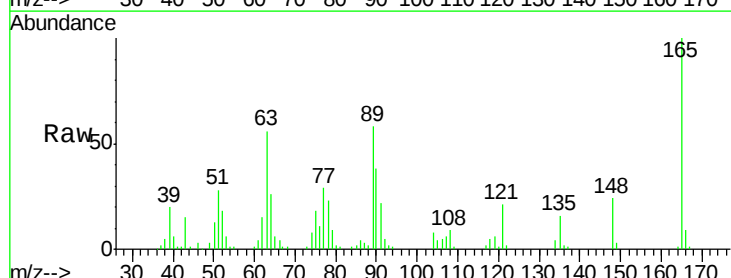
Tgt Ion:165 Resp: 73276

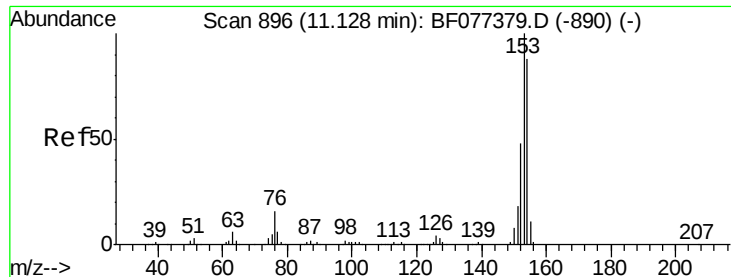
Ion Ratio Lower Upper

165 100

63 55.7 25.2 37.8#

89 58.2 30.5 45.7#





#51

Acenaphthene

Concen: 37.34 ng

RT: 10.99 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF077622.D

Acq: 6 Mar 2015 15:20

Instrument :

BNA_F

ClientSampleId :

PB81970BS

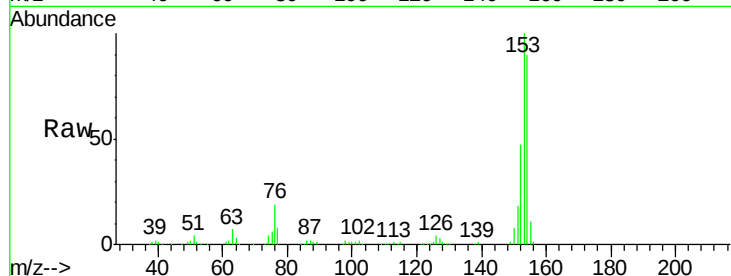
Tgt Ion:154 Resp: 266909

Ion Ratio Lower Upper

154 100

153 111.3 90.5 135.7

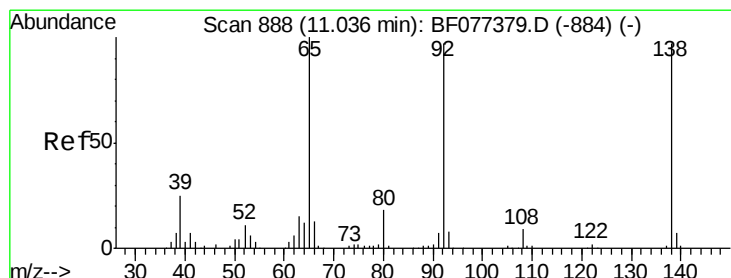
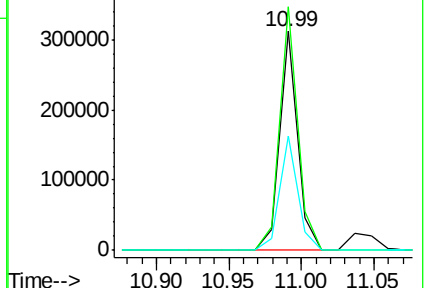
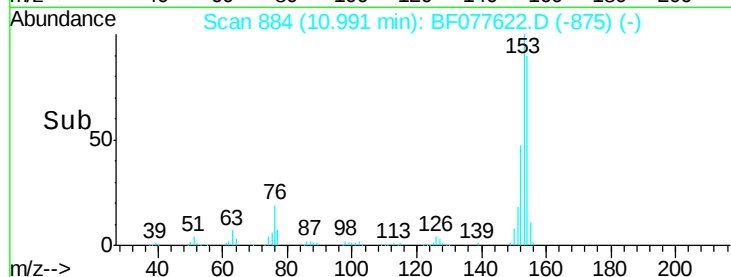
152 52.3 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 27.98 ng

RT: 10.91 min Scan# 877

Delta R.T. -0.00 min

Lab File: BF077622.D

Acq: 6 Mar 2015 15:20

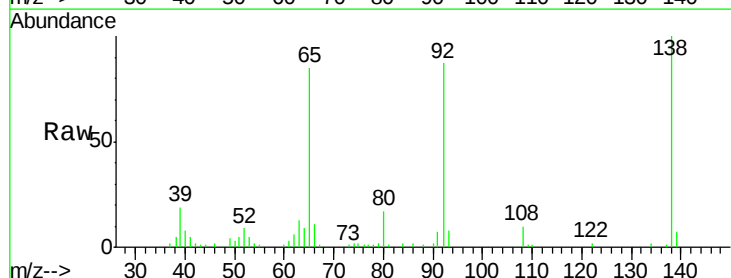
Tgt Ion:138 Resp: 57905

Ion Ratio Lower Upper

138 100

108 9.6 7.8 11.8

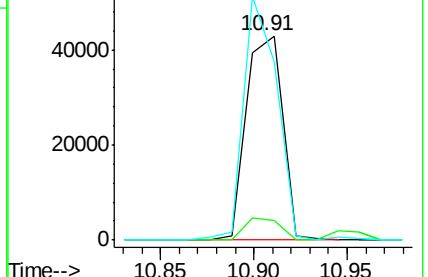
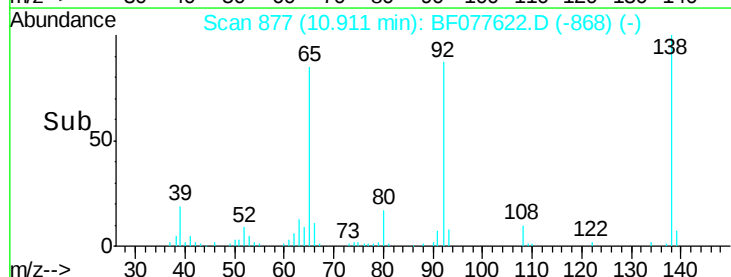
92 87.4 90.6 135.8#

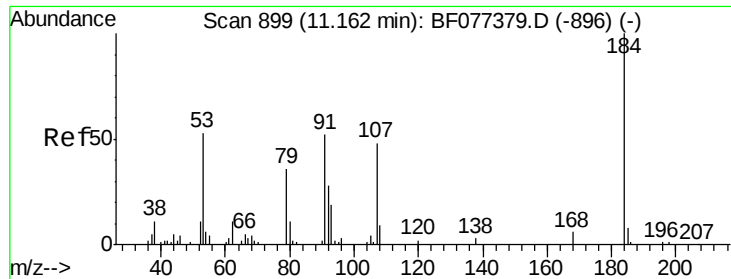


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

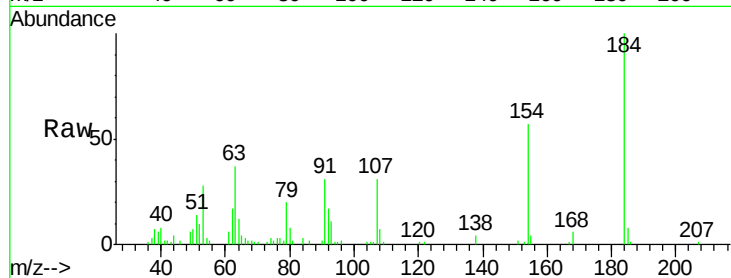




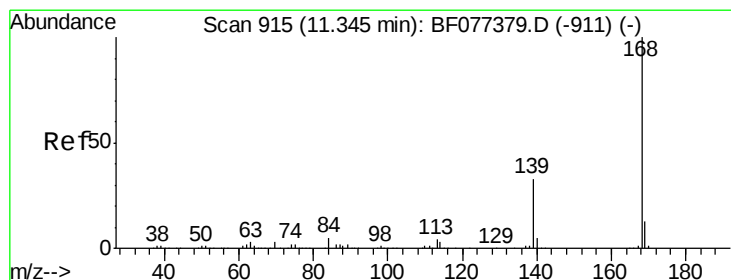
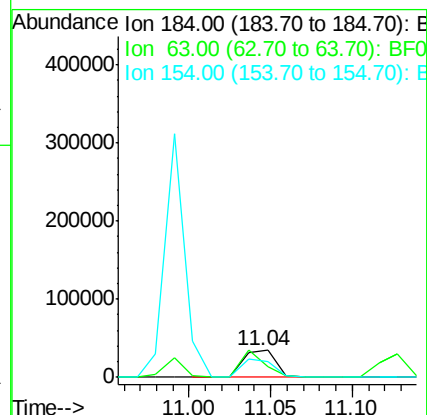
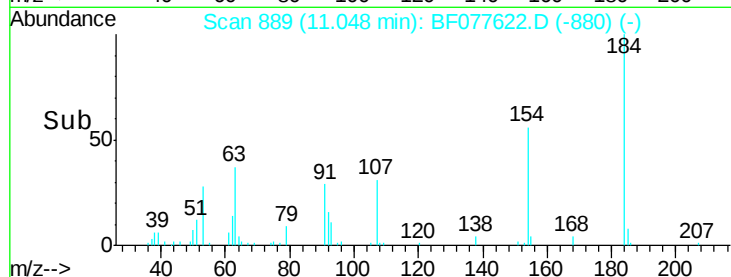
#53
2,4-Dinitrophenol
Concen: 90.44 ng
RT: 11.04 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF077622.D
Acq: 6 Mar 2015 15:20

Instrument :
BNA_F
ClientSampleId :
PB81970BS

Tgt Ion:184 Resp: 49399
Ion Ratio Lower Upper
184 100
63 36.9 29.5 44.3
154 57.4 43.2 64.8

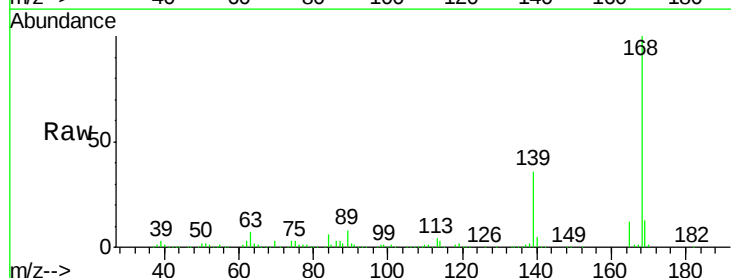


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

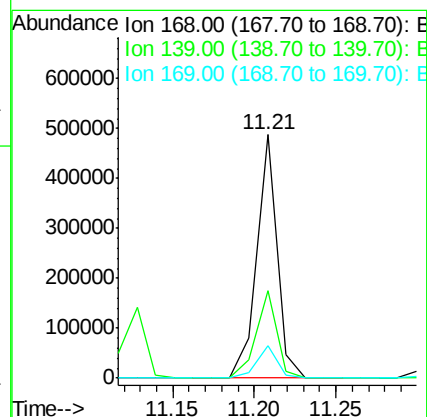
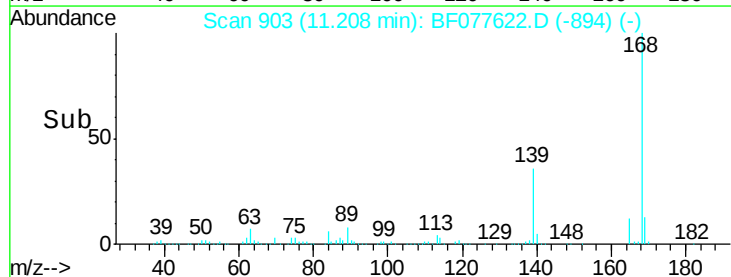


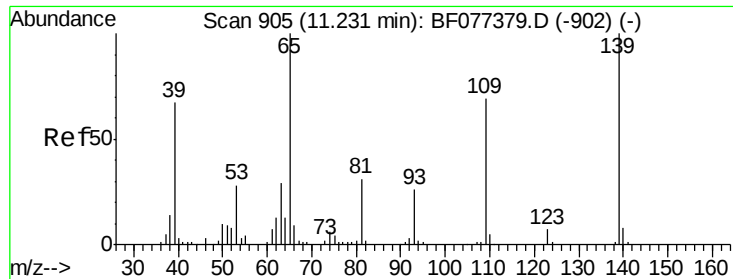
#54
Dibenzofuran
Concen: 38.33 ng
RT: 11.21 min Scan# 903
Delta R.T. -0.00 min
Lab File: BF077622.D
Acq: 6 Mar 2015 15:20

Tgt Ion:168 Resp: 422984
Ion Ratio Lower Upper
168 100
139 36.0 29.3 43.9
169 13.4 10.9 16.3



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

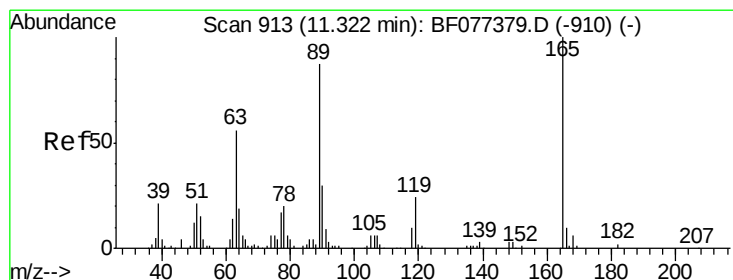
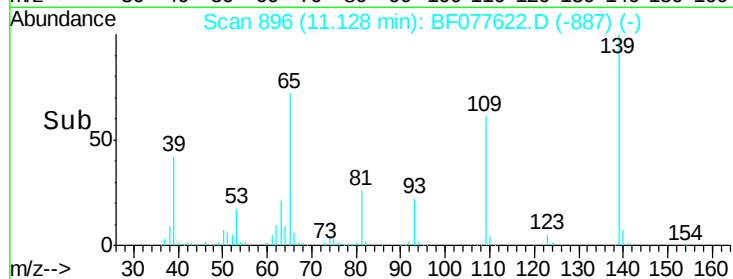
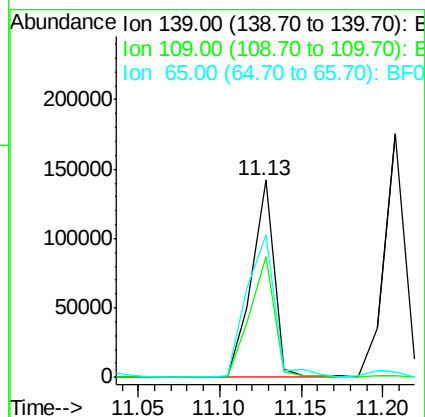
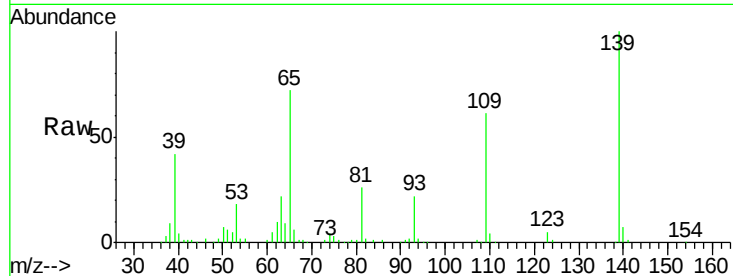




#55
4-Nitrophenol
Concen: 83.39 ng
RT: 11.13 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF077622.D
Acq: 6 Mar 2015 15:20

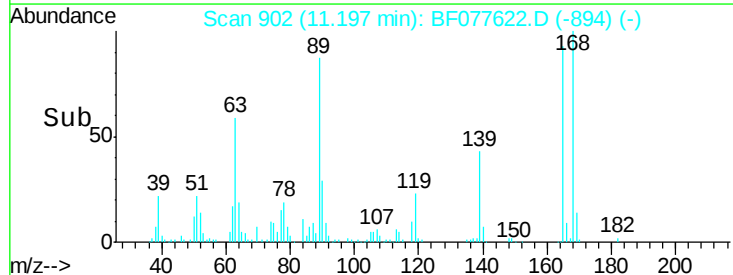
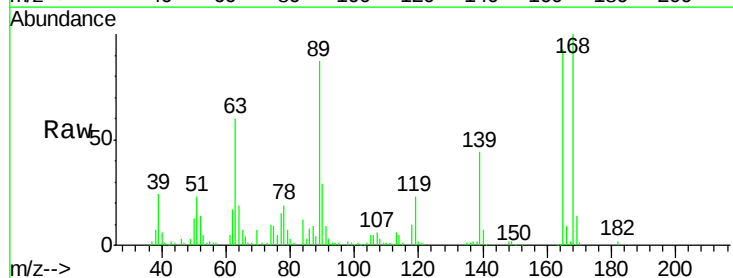
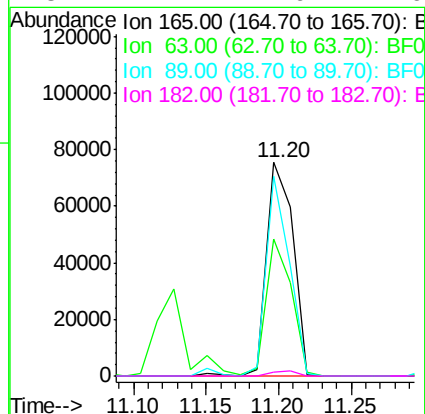
Instrument :
BNA_F
ClientSampleId :
PB81970BS

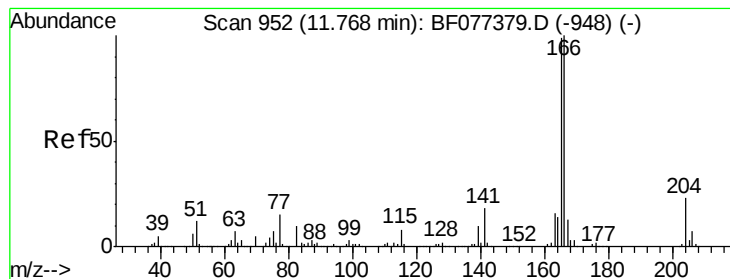
Tgt Ion:139 Resp: 138811
Ion Ratio Lower Upper
139 100
109 61.1 36.2 76.2
65 72.3 40.3 80.3



#56
2,4-Dinitrotoluene
Concen: 39.32 ng
RT: 11.20 min Scan# 902
Delta R.T. -0.00 min
Lab File: BF077622.D
Acq: 6 Mar 2015 15:20

Tgt Ion:165 Resp: 95372
Ion Ratio Lower Upper
165 100
63 63.9 29.8 44.8#
89 93.3 48.5 72.7#
182 2.1 1.9 2.9





#57

Fluorene

Concen: 38.46 ng

RT: 11.63 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF077622.D

Acq: 6 Mar 2015 15:20

Instrument :

BNA_F

ClientSampleId :

PB81970BS

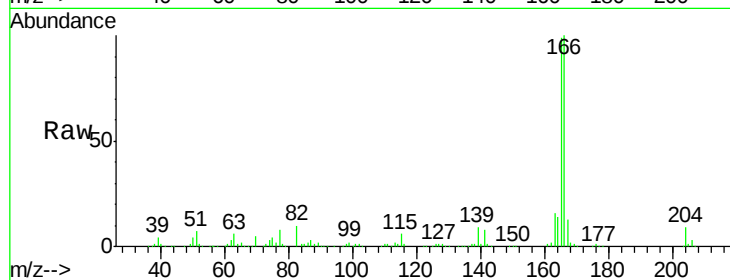
Tgt Ion:166 Resp: 339354

Ion Ratio Lower Upper

166 100

165 98.8 77.6 116.4

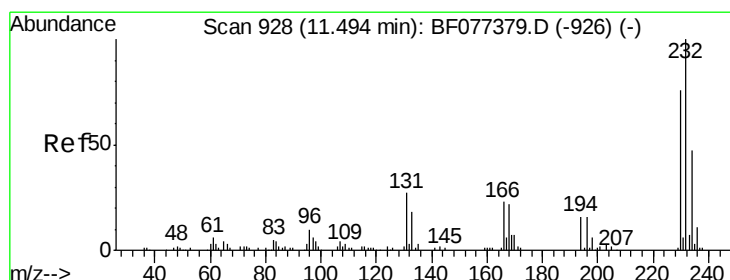
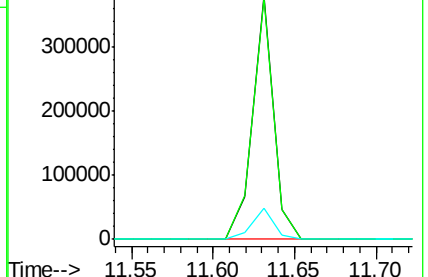
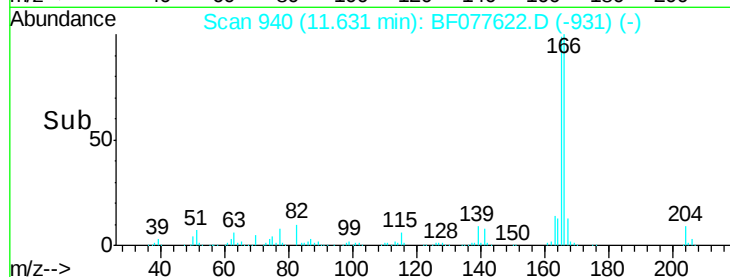
167 12.9 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.92 ng

RT: 11.36 min Scan# 916

Delta R.T. -0.00 min

Lab File: BF077622.D

Acq: 6 Mar 2015 15:20

Tgt Ion:232 Resp: 80947

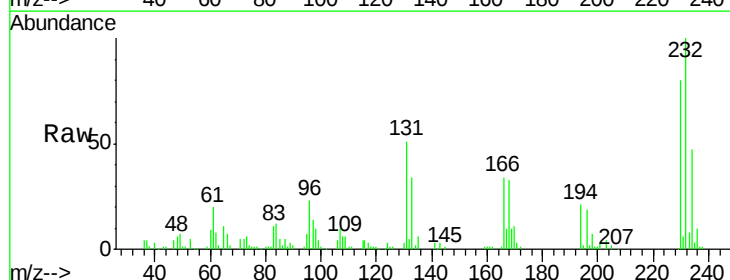
Ion Ratio Lower Upper

232 100

131 45.2 34.2 51.2

130 2.5 1.8 2.6

166 31.3 24.3 36.5

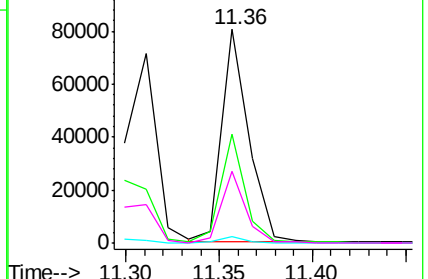
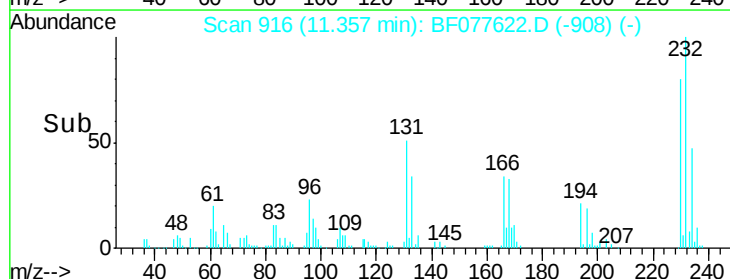


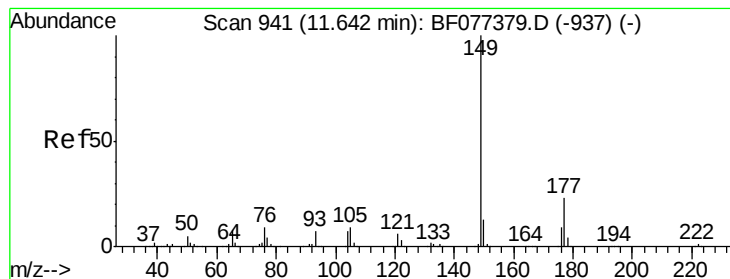
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 38.39 ng

RT: 11.51 min Scan# 930

Delta R.T. -0.00 min

Lab File: BF077622.D

Acq: 6 Mar 2015 15:20

Instrument :

BNA_F

ClientSampleId :

PB81970BS

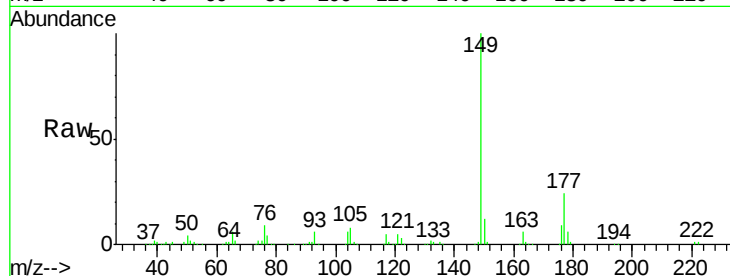
Tgt Ion:149 Resp: 338801

Ion Ratio Lower Upper

149 100

177 23.6 17.2 25.8

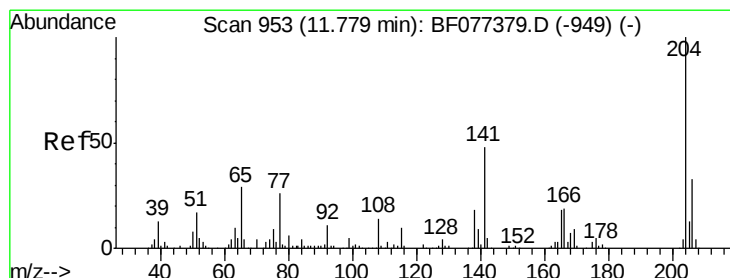
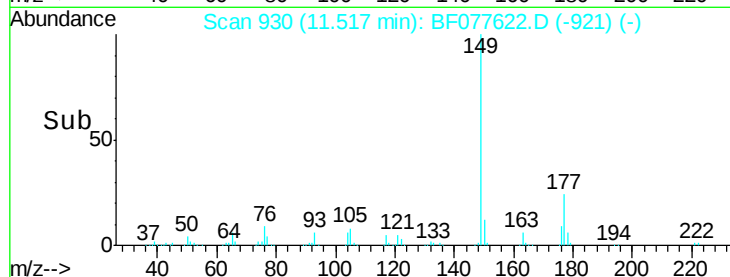
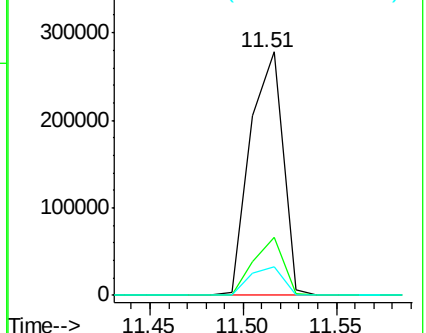
150 11.6 10.5 15.7



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: 37.83 ng

RT: 11.64 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF077622.D

Acq: 6 Mar 2015 15:20

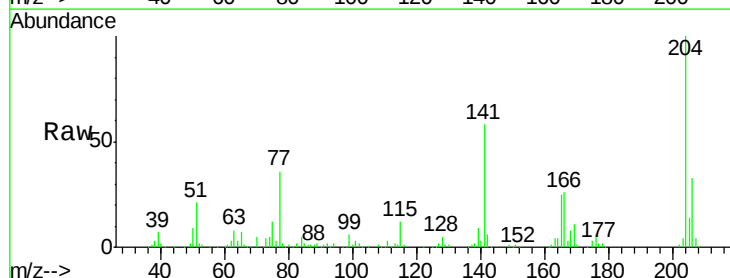
Tgt Ion:204 Resp: 160814

Ion Ratio Lower Upper

204 100

206 33.4 25.9 38.9

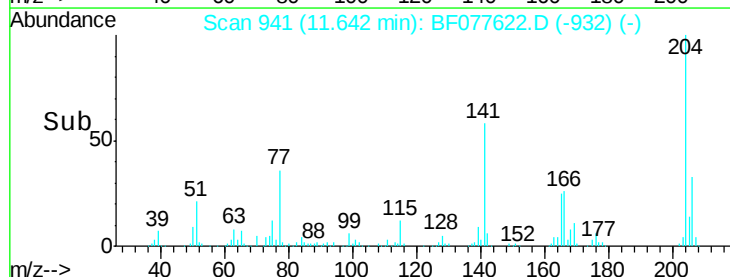
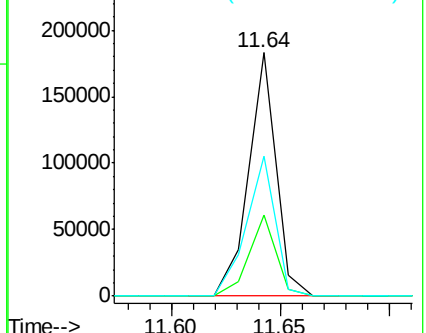
141 57.6 43.6 65.4

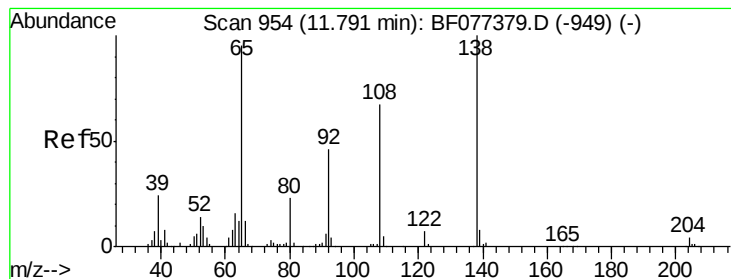


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

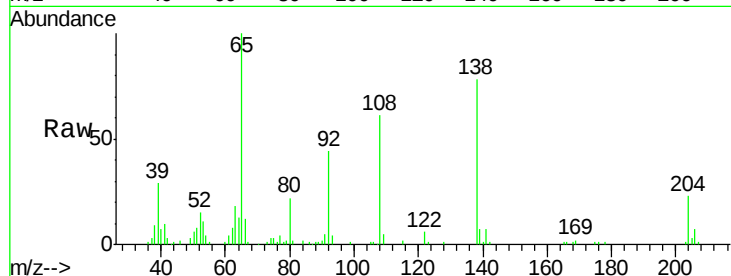




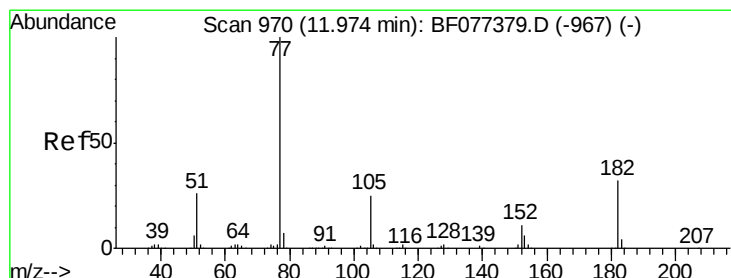
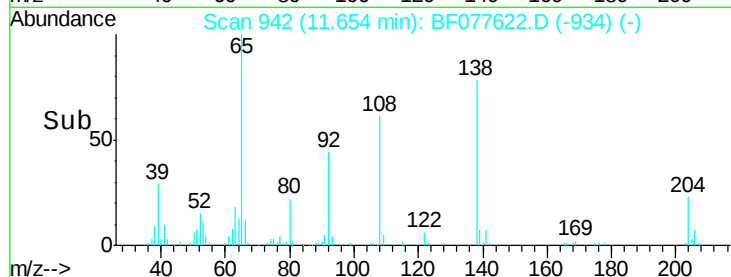
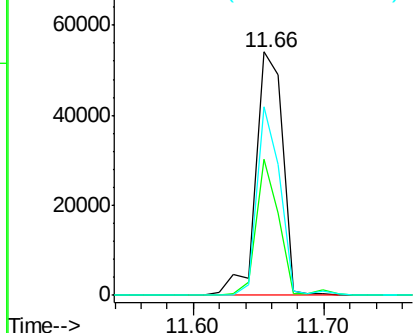
#61
4-Nitroaniline
Concen: 39.37 ng
RT: 11.66 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF077622.D
Acq: 6 Mar 2015 15:20

Instrument :
BNA_F
ClientSampleId :
PB81970BS

Tgt Ion:138 Resp: 78087
Ion Ratio Lower Upper
138 100
92 55.7 32.8 72.8
108 77.3 52.1 92.1

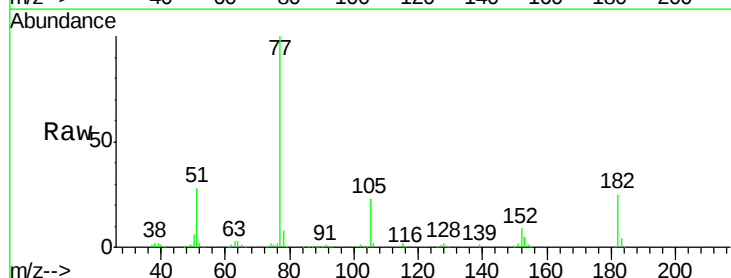


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

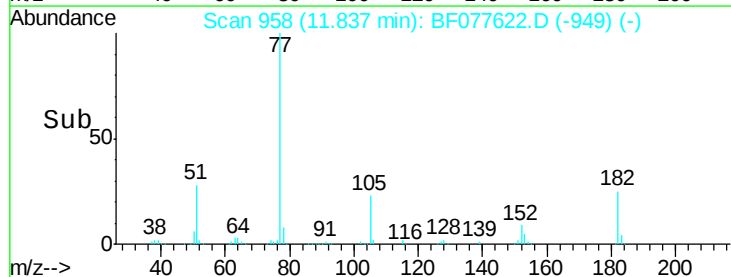
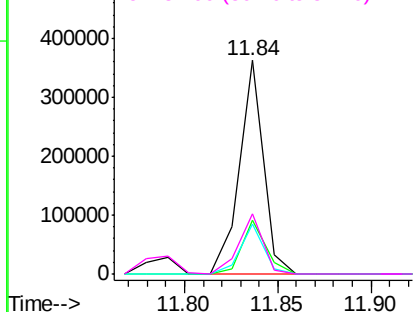


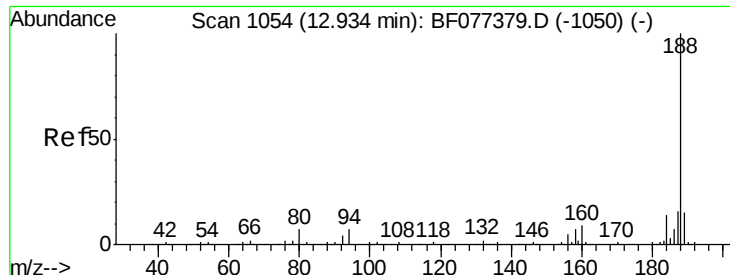
#62
Azobenzene
Concen: 38.99 ng
RT: 11.84 min Scan# 958
Delta R.T. -0.00 min
Lab File: BF077622.D
Acq: 6 Mar 2015 15:20

Tgt Ion: 77 Resp: 326425
Ion Ratio Lower Upper
77 100
182 25.4 4.9 44.9
105 23.4 3.3 43.3
51 28.1 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

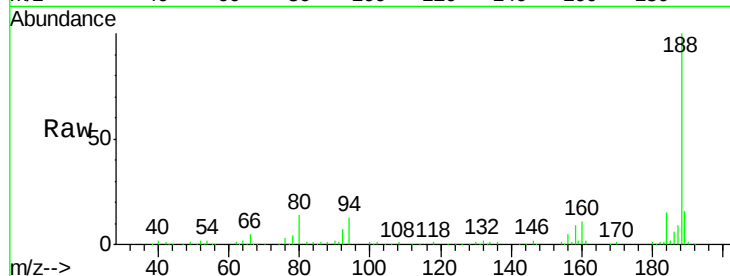




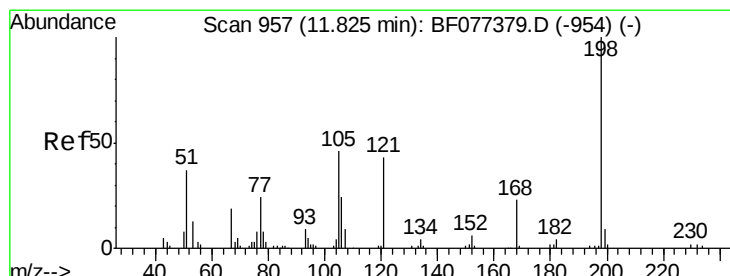
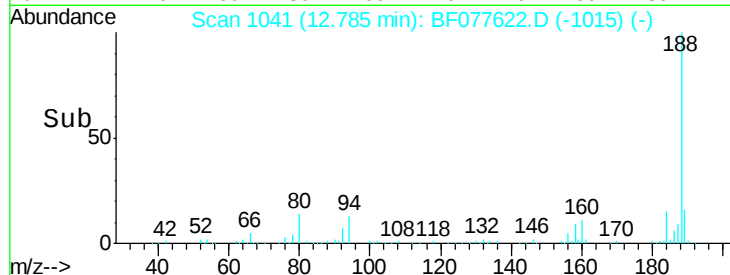
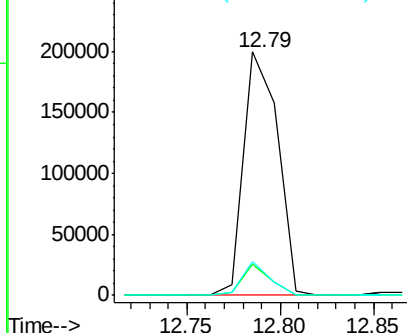
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.79 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF077622.D
Acq: 6 Mar 2015 15:20

Instrument :
BNA_F
ClientSampleId :
PB81970BS

Tgt Ion:188 Resp: 254031
Ion Ratio Lower Upper
188 100
94 12.7 7.4 11.2#
80 13.7 8.0 12.0#

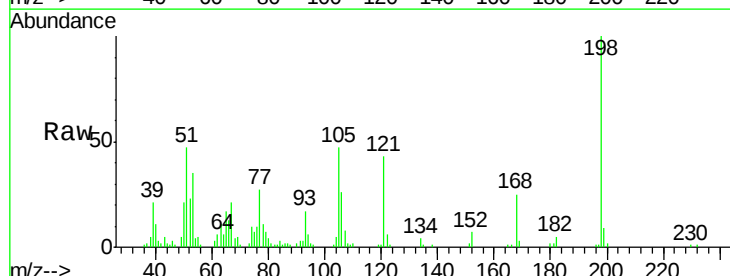


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

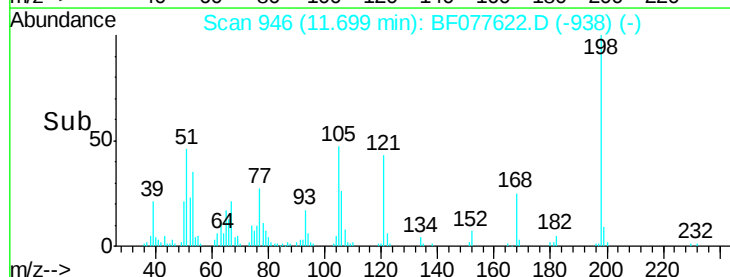
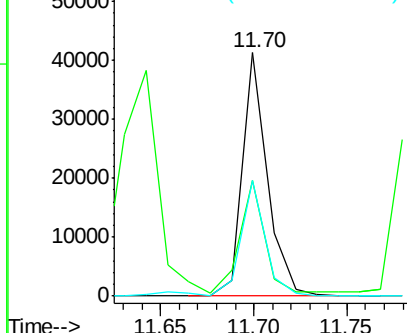


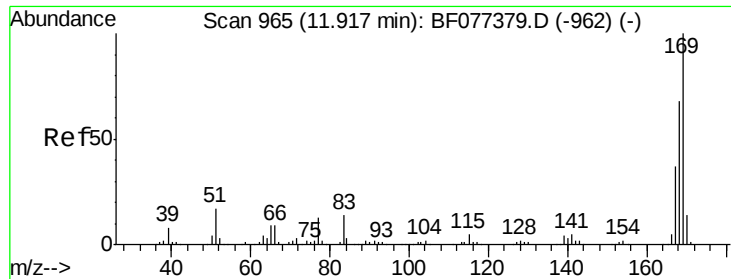
#64
4,6-Dinitro-2-methylphenol
Concen: 38.70 ng
RT: 11.70 min Scan# 946
Delta R.T. -0.00 min
Lab File: BF077622.D
Acq: 6 Mar 2015 15:20

Tgt Ion:198 Resp: 38440
Ion Ratio Lower Upper
198 100
51 47.3 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

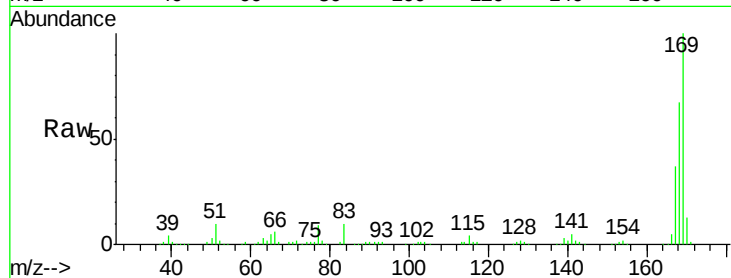




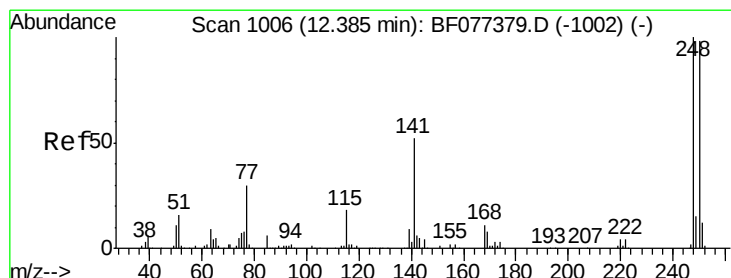
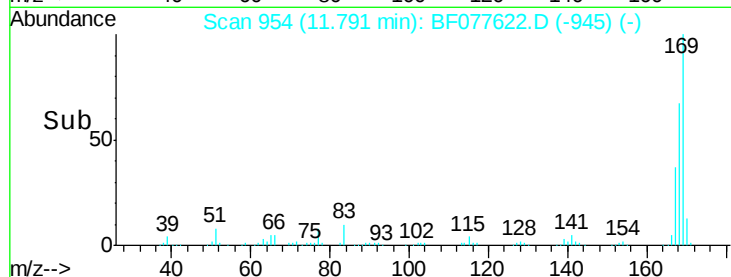
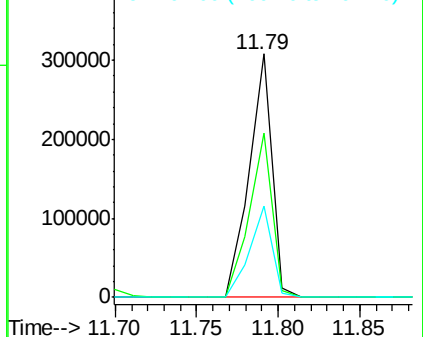
#65
 n-Nitrosodiphenylamine
 Concen: 35.57 ng
 RT: 11.79 min Scan# 954
 Delta R.T. -0.00 min
 Lab File: BF077622.D
 Acq: 6 Mar 2015 15:20

Instrument :
 BNA_F
 ClientSampleId :
 PB81970BS

Tgt Ion:169 Resp: 299846
 Ion Ratio Lower Upper
 169 100
 168 67.3 53.0 79.6
 167 37.2 29.5 44.3

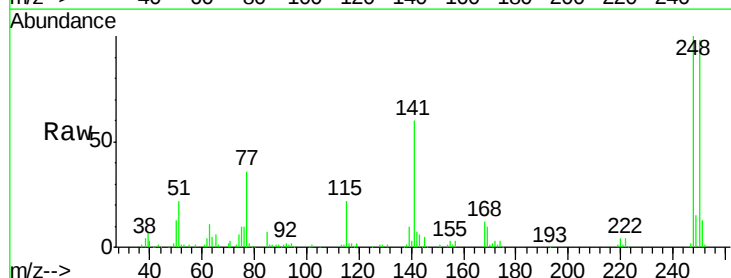


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

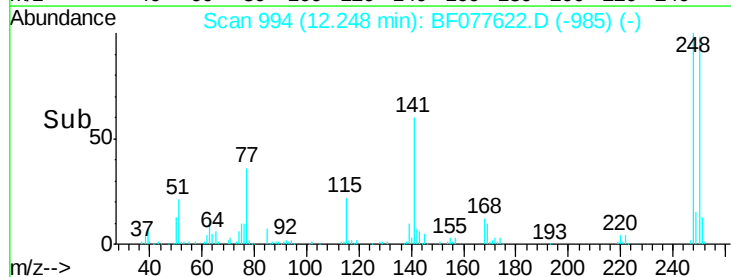
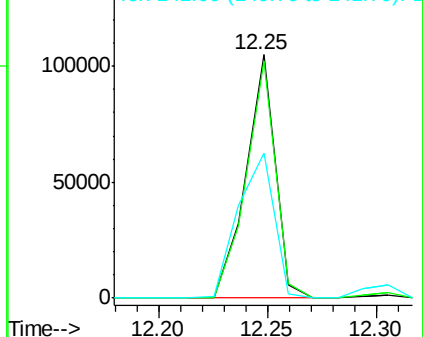


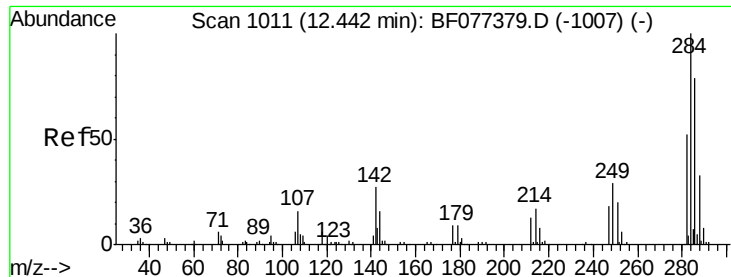
#66
 4-Bromophenyl-phenylether
 Concen: 32.95 ng
 RT: 12.25 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: BF077622.D
 Acq: 6 Mar 2015 15:20

Tgt Ion:248 Resp: 98024
 Ion Ratio Lower Upper
 248 100
 250 97.5 78.0 117.0
 141 59.8 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

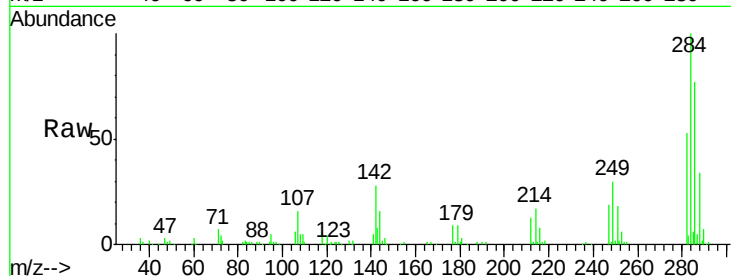




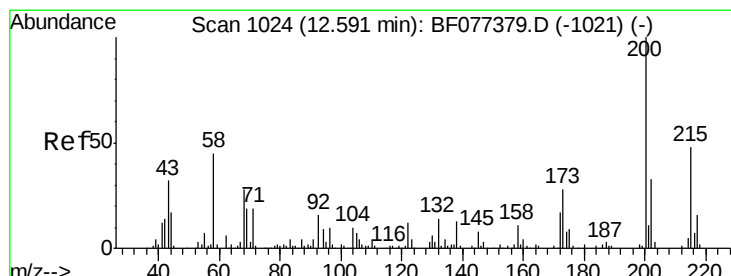
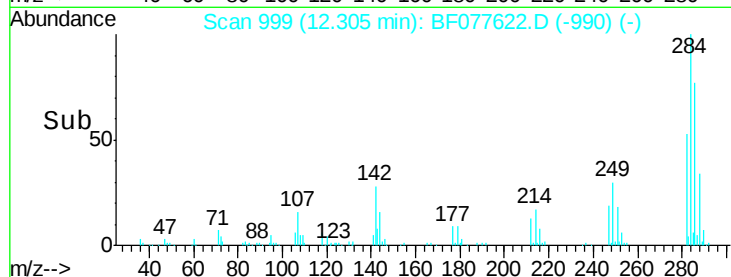
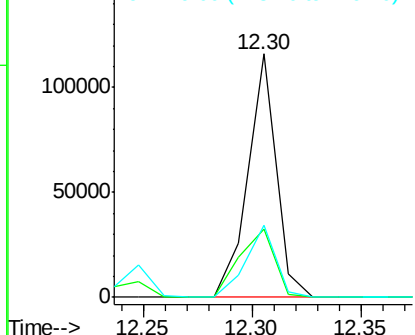
#67
Hexachlorobenzene
Concen: 33.00 ng
RT: 12.30 min Scan# 999
Delta R.T. -0.00 min
Lab File: BF077622.D
Acq: 6 Mar 2015 15:20

Instrument :
BNA_F
ClientSampleId :
PB81970BS

Tgt Ion:284 Resp: 105372
Ion Ratio Lower Upper
284 100
142 28.2 31.6 47.4#
249 29.6 27.0 40.4

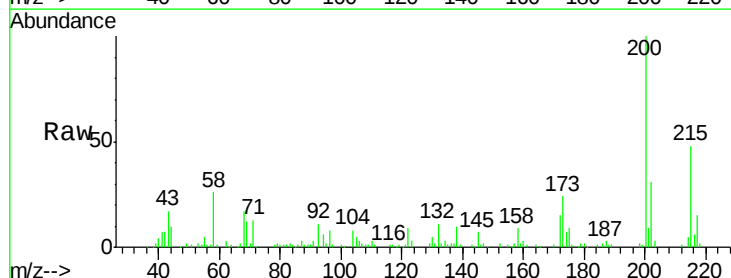


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

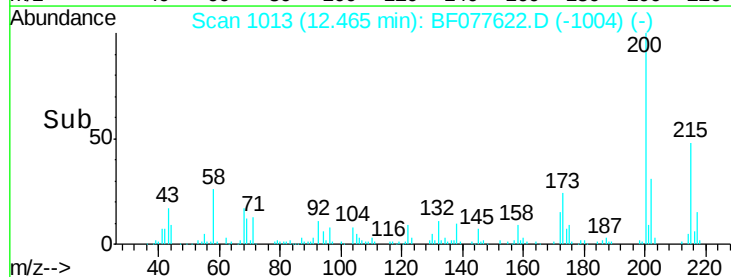
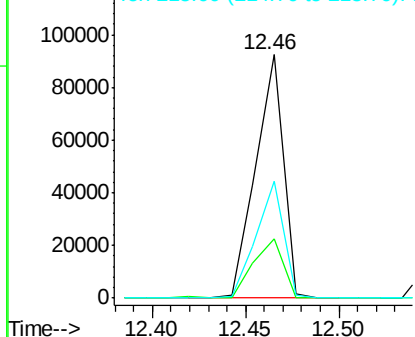


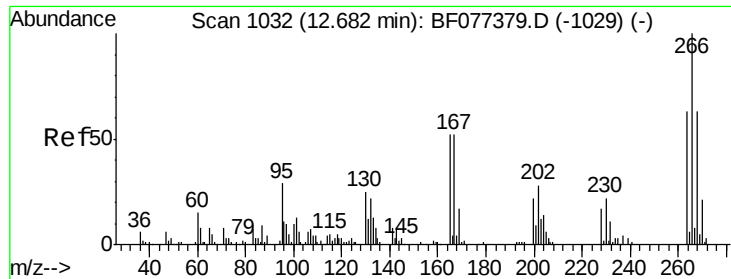
#68
Atrazine
Concen: 34.55 ng
RT: 12.46 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BF077622.D
Acq: 6 Mar 2015 15:20

Tgt Ion:200 Resp: 94688
Ion Ratio Lower Upper
200 100
173 24.2 9.6 49.6
215 48.2 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

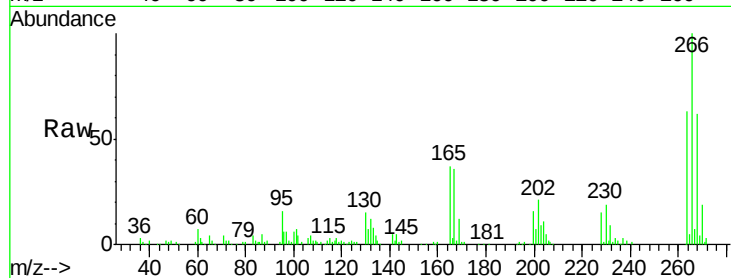




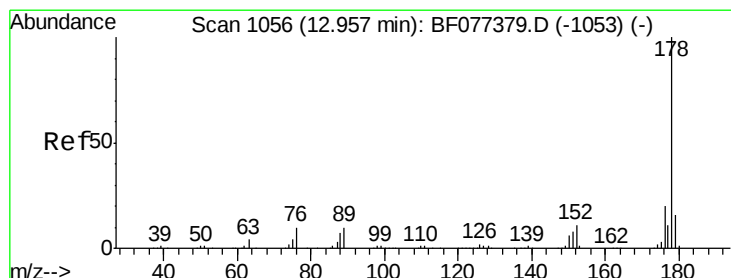
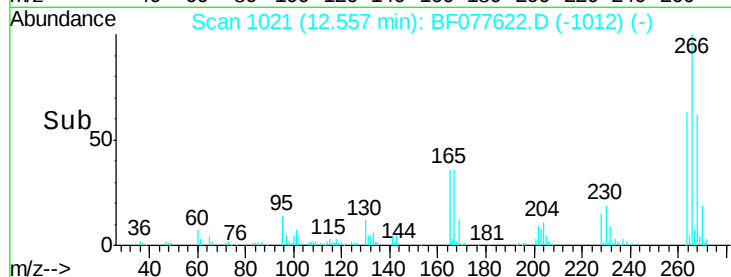
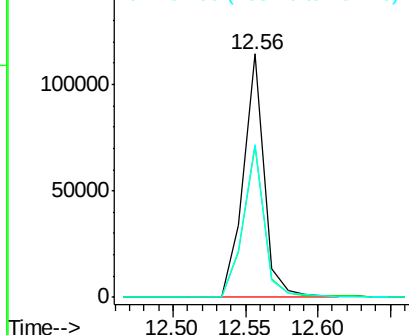
#69
 Pentachlorophenol
 Concen: 68.75 ng
 RT: 12.56 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BF077622.D
 Acq: 6 Mar 2015 15:20

Instrument :
 BNA_F
 ClientSampleId :
 PB81970BS

Tgt Ion: 266 Resp: 115370
 Ion Ratio Lower Upper
 266 100
 268 62.0 51.2 76.8
 264 62.6 50.7 76.1

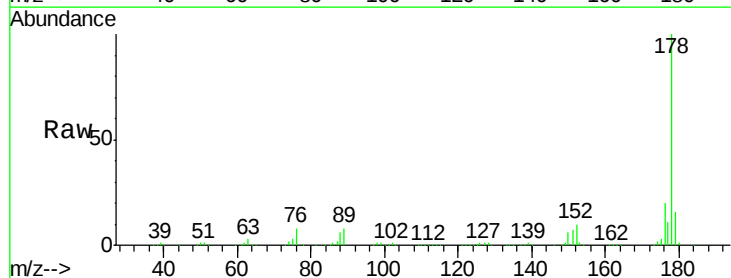


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

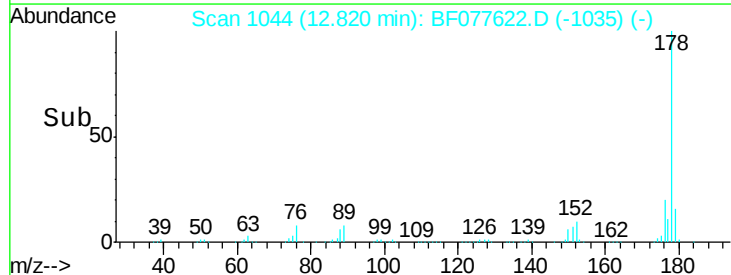
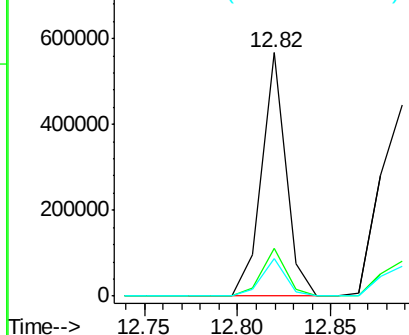


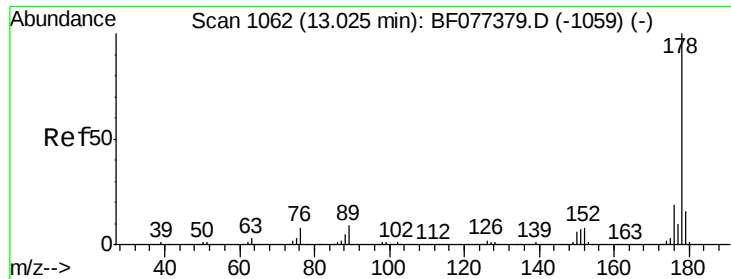
#70
 Phenanthrene
 Concen: 34.56 ng
 RT: 12.82 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BF077622.D
 Acq: 6 Mar 2015 15:20

Tgt Ion: 178 Resp: 508859
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.5 23.3
 179 15.7 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

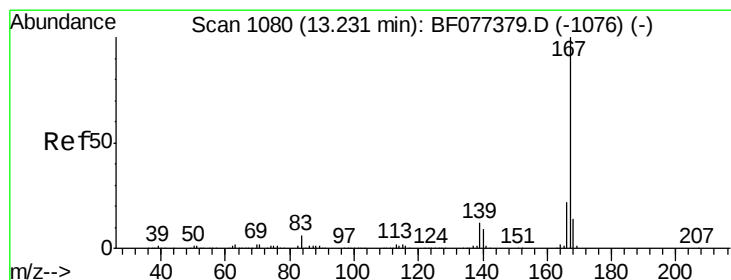
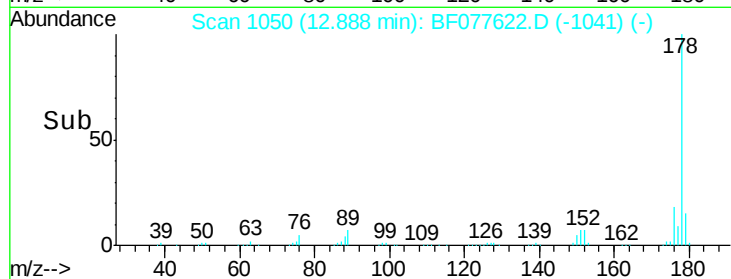
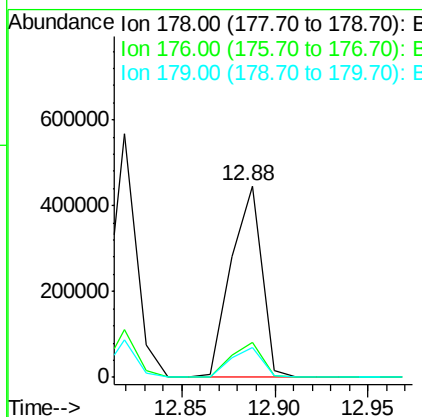
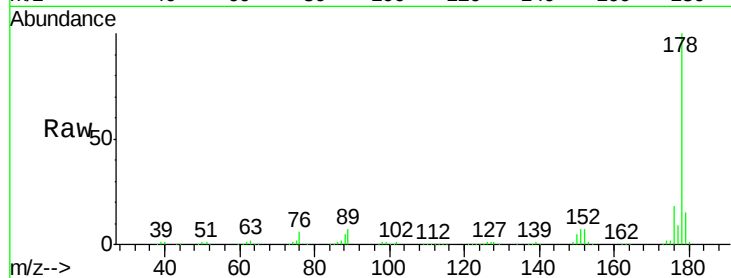




#71
 Anthracene
 Concen: 35.19 ng
 RT: 12.88 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BF077622.D
 Acq: 6 Mar 2015 15:20

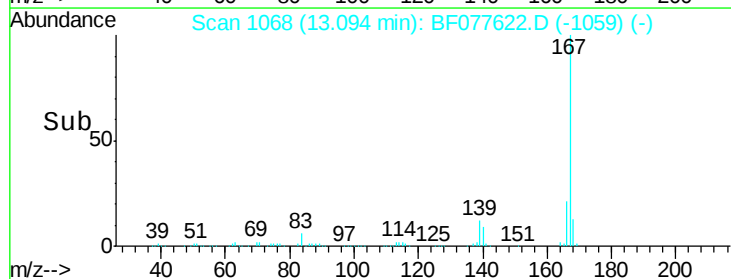
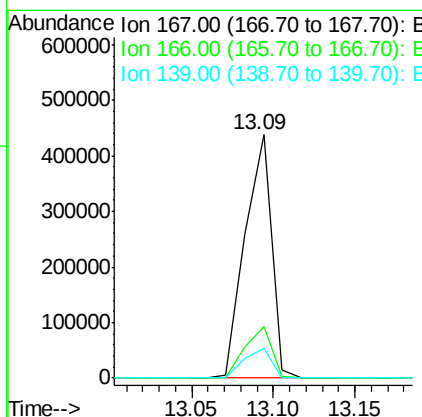
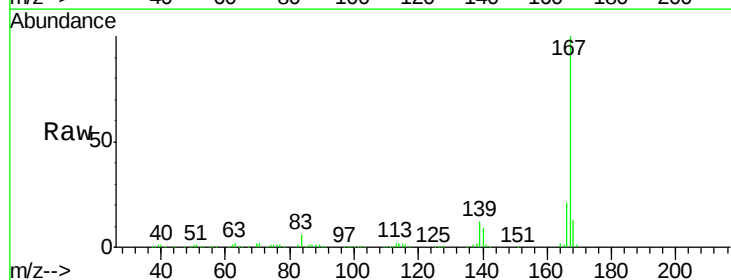
Instrument :
 BNA_F
 ClientSampleId :
 PB81970BS

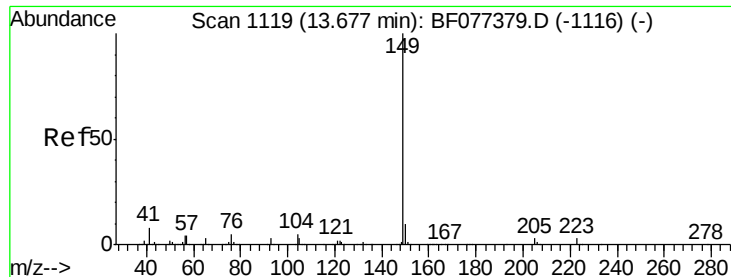
Tgt Ion:178 Resp: 514162
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.4 23.0
 179 15.4 12.9 19.3



#72
 Carbazole
 Concen: 35.57 ng
 RT: 13.09 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: BF077622.D
 Acq: 6 Mar 2015 15:20

Tgt Ion:167 Resp: 494215
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.6 26.4
 139 12.1 9.9 14.9





#73

Di-n-butylphthalate

Concen: 34.10 ng

RT: 13.54 min Scan# 1107

Delta R.T. -0.00 min

Lab File: BF077622.D

Acq: 6 Mar 2015 15:20

Instrument :

BNA_F

ClientSampleId :

PB81970BS

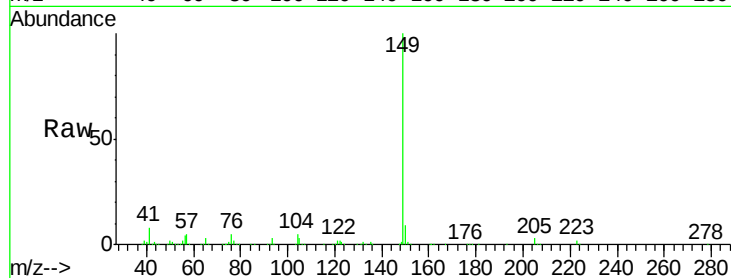
Tgt Ion:149 Resp: 556356

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.8

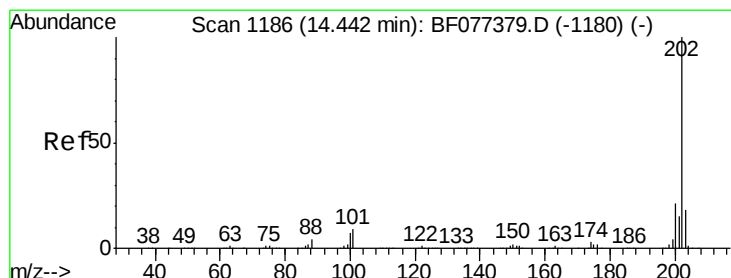
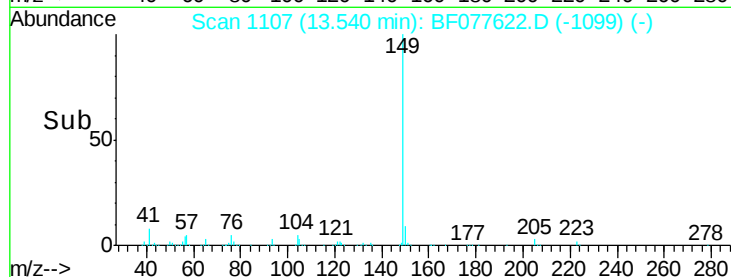
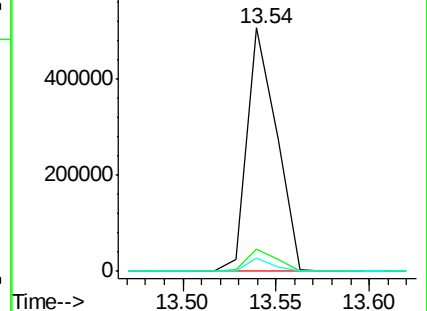
104 5.2 4.1 6.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 34.19 ng

RT: 14.29 min Scan# 1173

Delta R.T. -0.00 min

Lab File: BF077622.D

Acq: 6 Mar 2015 15:20

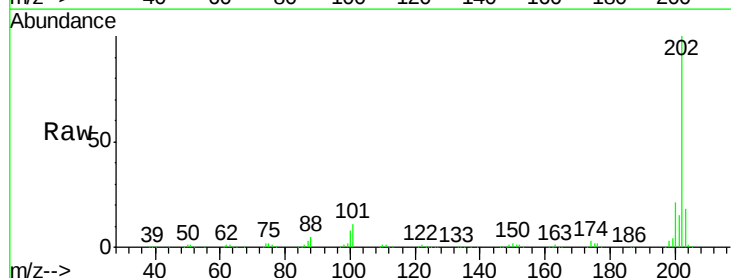
Tgt Ion:202 Resp: 549867

Ion Ratio Lower Upper

202 100

101 11.2 0.0 30.8

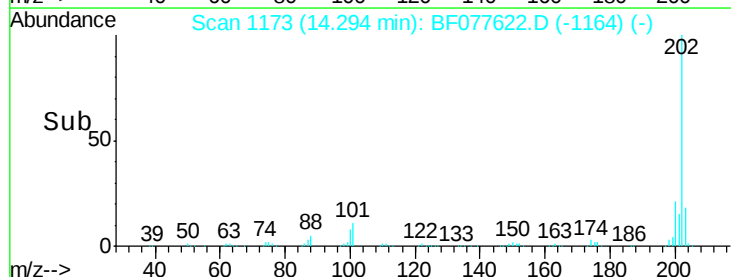
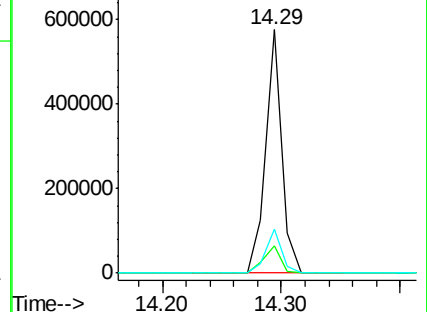
203 17.8 0.0 37.7

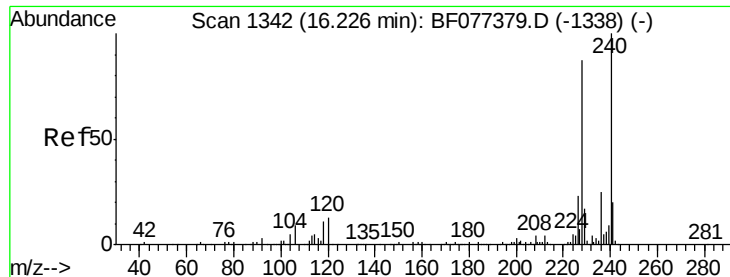


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

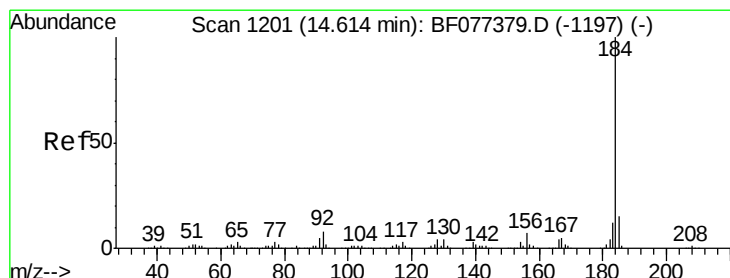
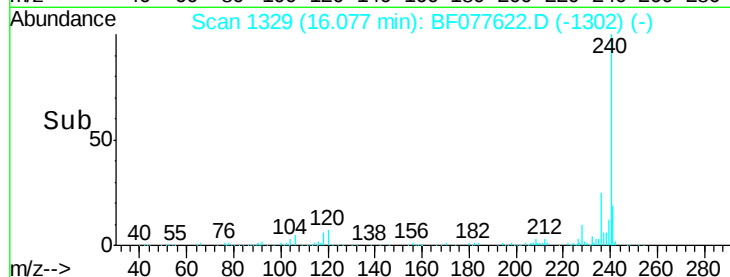
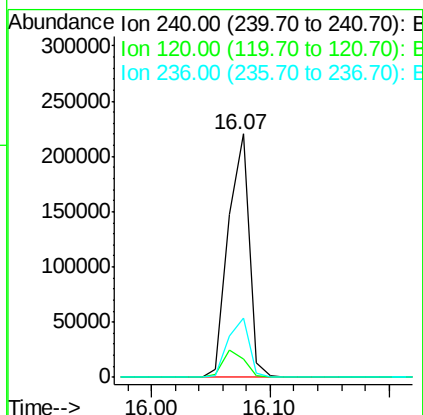
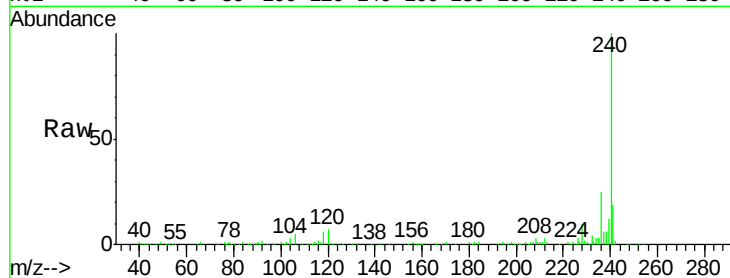




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.07 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF077622.D
Acq: 6 Mar 2015 15:20

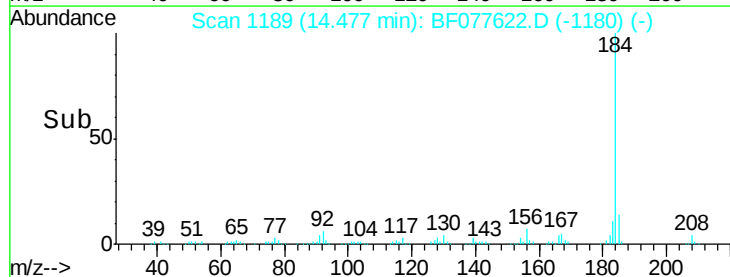
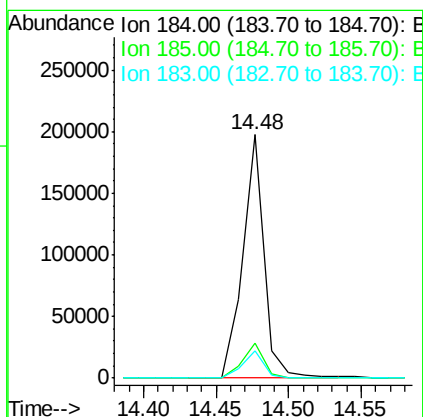
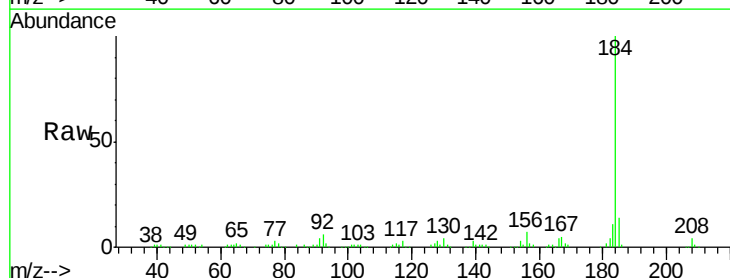
Instrument :
BNA_F
ClientSampleId :
PB81970BS

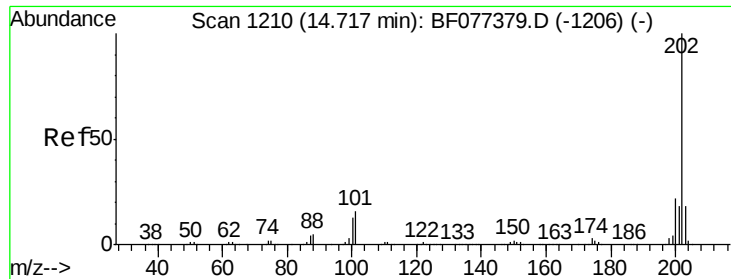
Tgt Ion:240 Resp: 268445
Ion Ratio Lower Upper
240 100
120 7.4 8.8 13.2#
236 24.6 20.7 31.1



#76
Benzidine
Concen: 22.20 ng
RT: 14.48 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BF077622.D
Acq: 6 Mar 2015 15:20

Tgt Ion:184 Resp: 201358
Ion Ratio Lower Upper
184 100
185 14.5 12.6 18.8
183 11.4 9.3 13.9

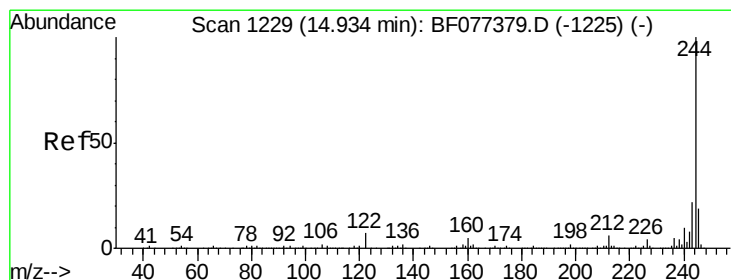
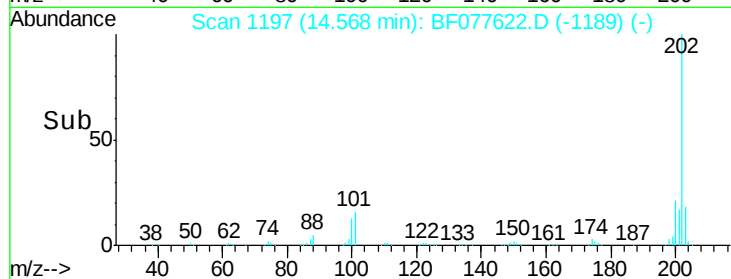
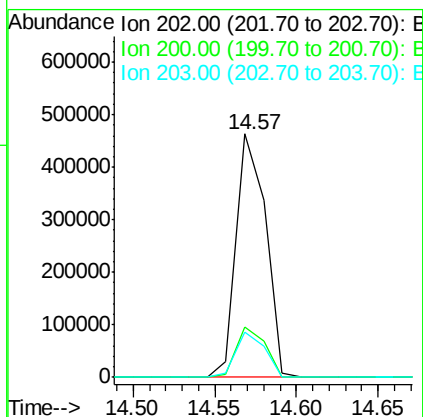
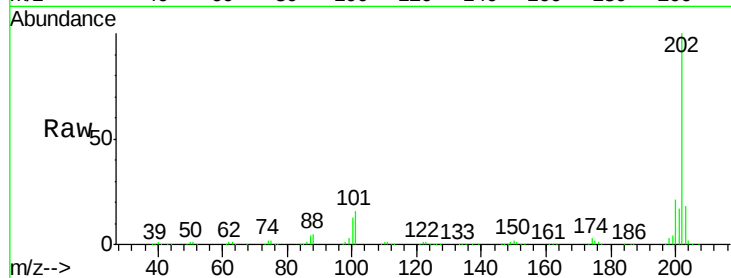




#77
 Pyrene
 Concen: 35.14 ng
 RT: 14.57 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF077622.D
 Acq: 6 Mar 2015 15:20

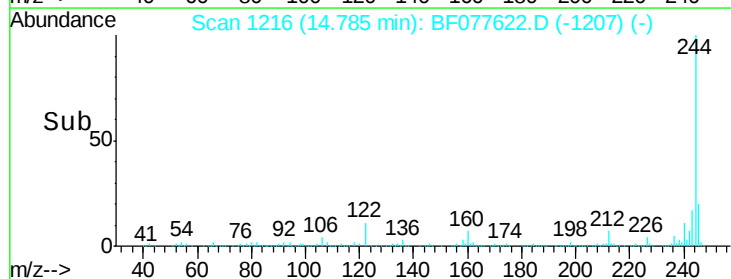
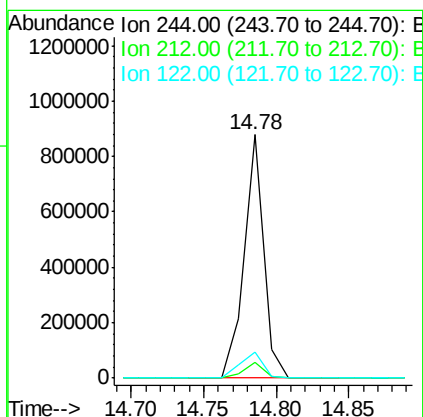
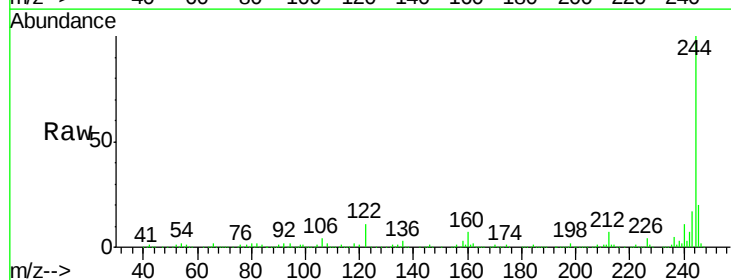
Instrument :
 BNA_F
 ClientSampleId :
 PB81970BS

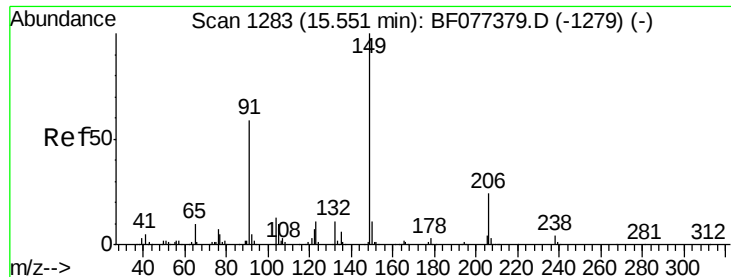
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.1	25.7
203	18.3	14.2	21.2



#78
 Terphenyl-d14
 Concen: 71.85 ng
 RT: 14.78 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF077622.D
 Acq: 6 Mar 2015 15:20

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.2	7.8
122	10.7	7.8	11.8

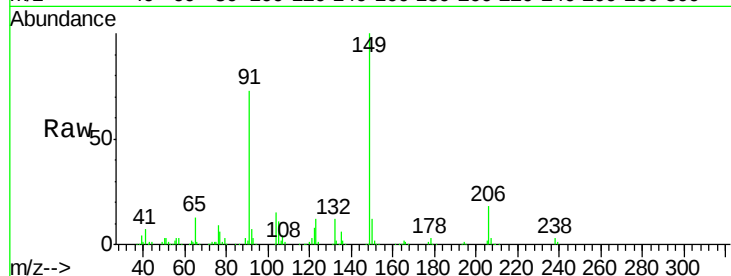




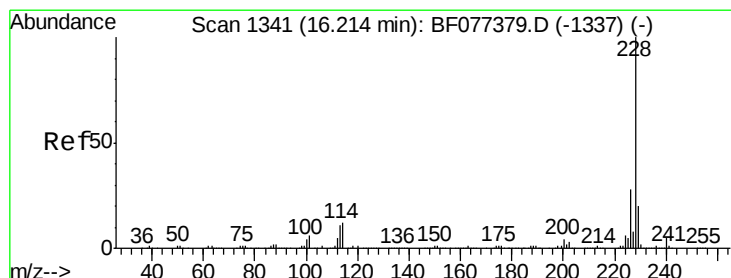
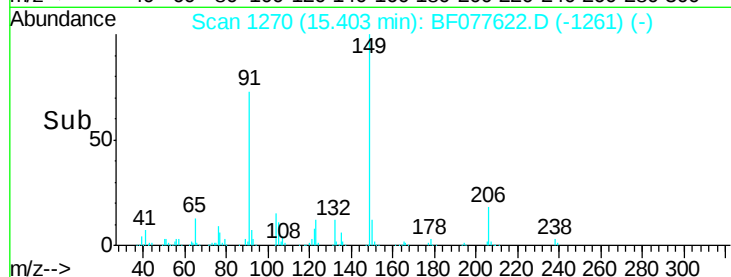
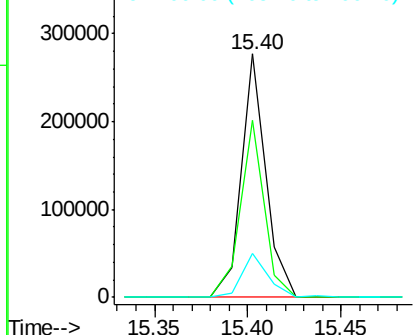
#79
Butylbenzylphthalate
Concen: 37.47 ng
RT: 15.40 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BF077622.D
Acq: 6 Mar 2015 15:20

Instrument :
BNA_F
ClientSampleId :
PB81970BS

Tgt Ion:149 Resp: 253124
Ion Ratio Lower Upper
149 100
91 72.8 51.2 76.8
206 18.3 17.8 26.8

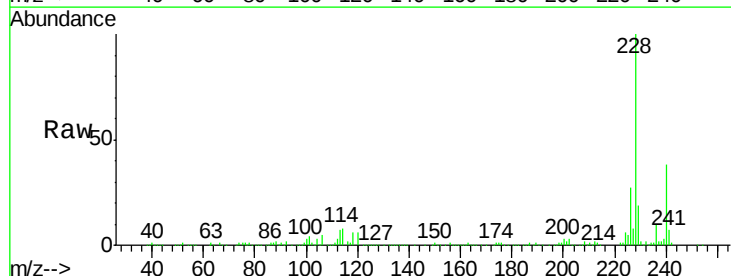


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

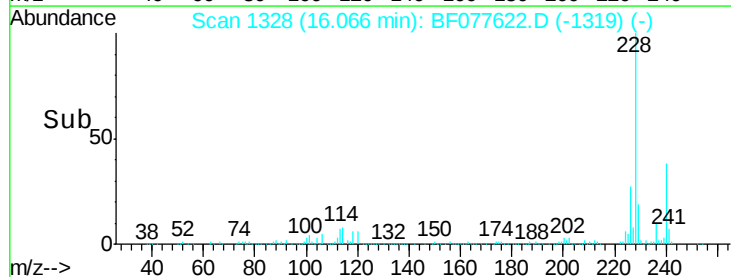
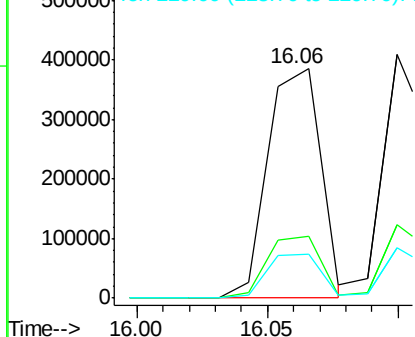


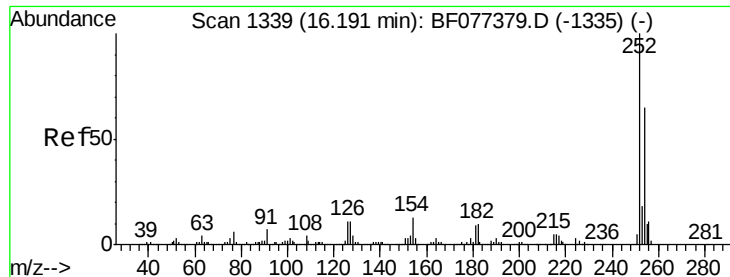
#80
Benzo(a)anthracene
Concen: 34.52 ng
RT: 16.06 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BF077622.D
Acq: 6 Mar 2015 15:20

Tgt Ion:228 Resp: 543055
Ion Ratio Lower Upper
228 100
226 27.0 22.0 33.0
229 19.3 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

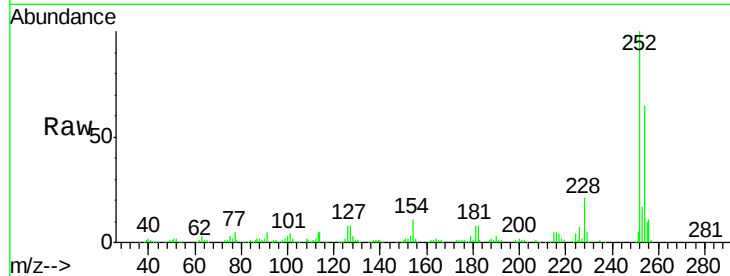




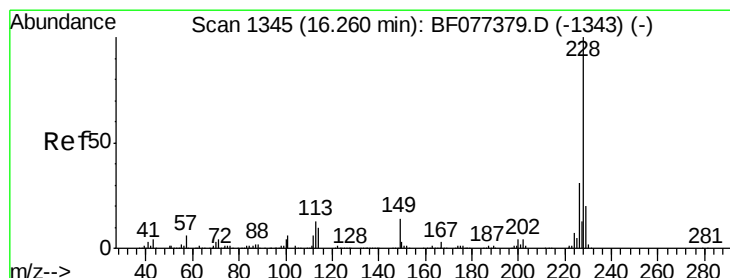
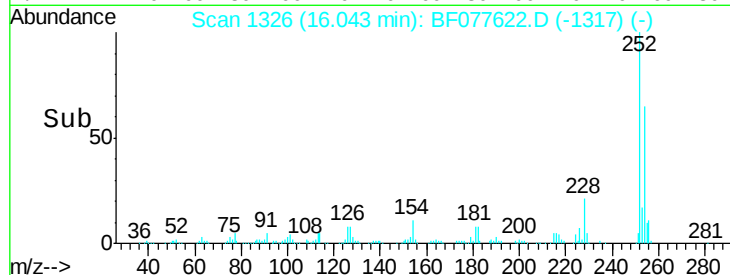
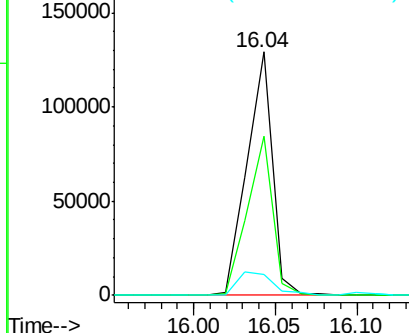
#81
 3,3'-Dichlorobenzidine
 Concen: 24.33 ng
 RT: 16.04 min Scan# 1326
 Delta R.T. -0.00 min
 Lab File: BF077622.D
 Acq: 6 Mar 2015 15:20

Instrument :
 BNA_F
 ClientSampleId :
 PB81970BS

Tgt Ion:252 Resp: 140270
 Ion Ratio Lower Upper
 252 100
 254 65.2 52.9 79.3
 126 8.4 7.3 10.9

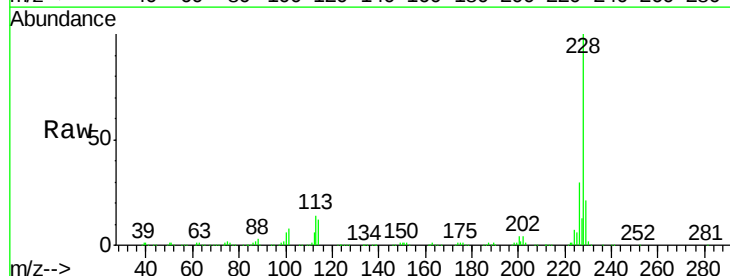


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

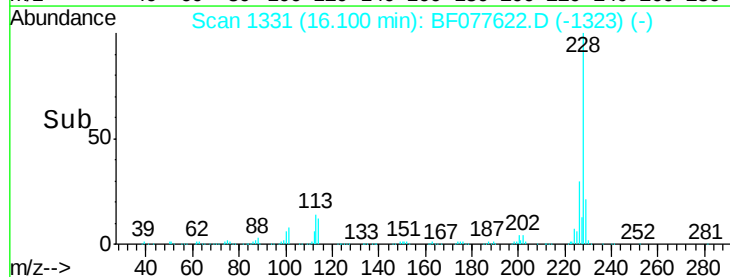
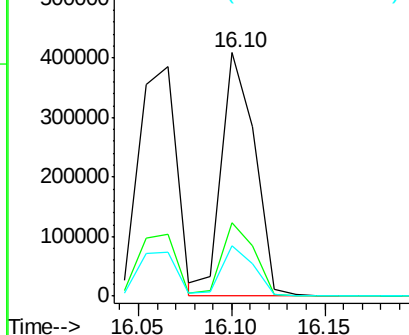


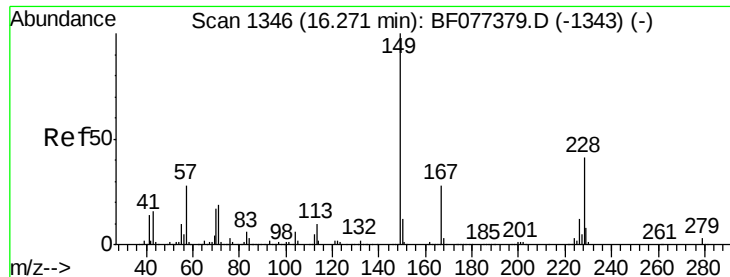
#82
 Chrysene
 Concen: 34.28 ng
 RT: 16.10 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF077622.D
 Acq: 6 Mar 2015 15:20

Tgt Ion:228 Resp: 506376
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.9 37.3
 229 20.5 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

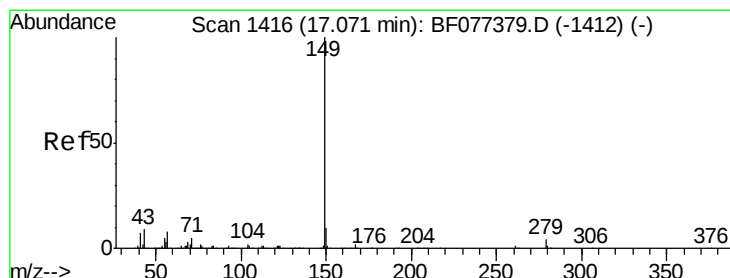
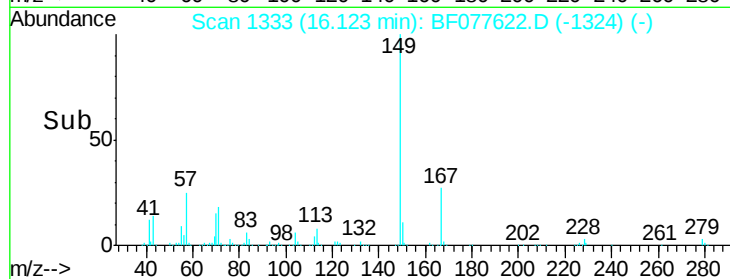
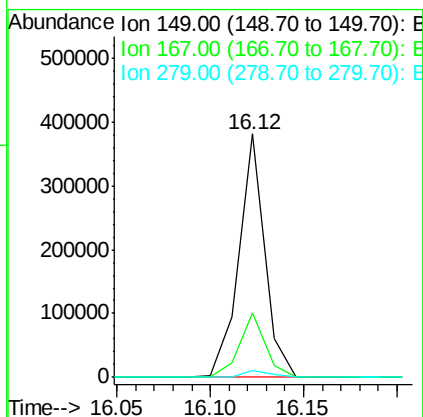
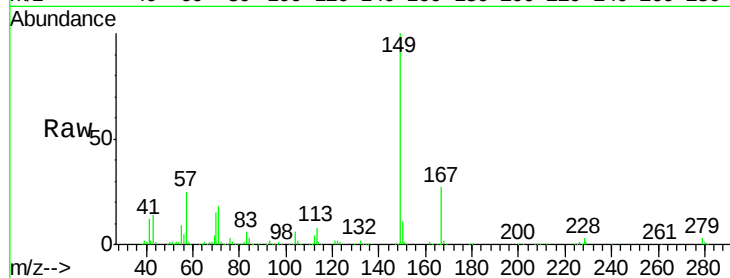




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.29 ng
 RT: 16.12 min Scan# 1333
 Delta R.T. 0.00 min
 Lab File: BF077622.D
 Acq: 6 Mar 2015 15:20

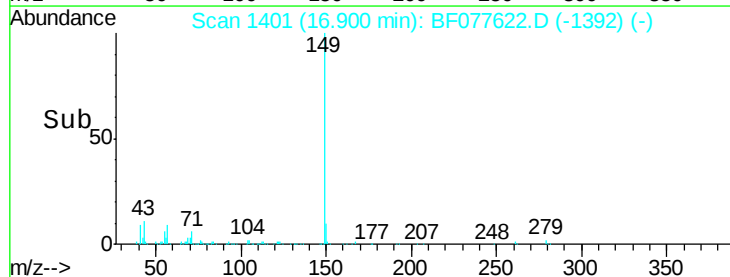
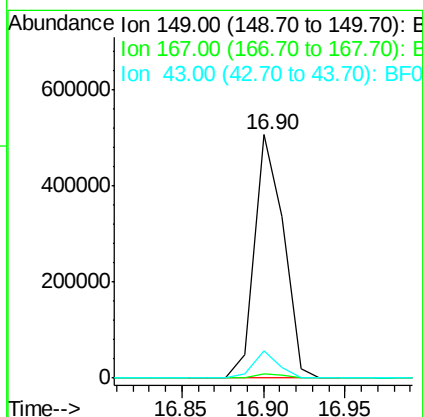
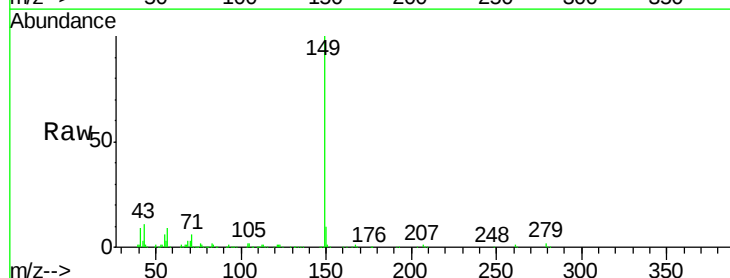
Instrument :
 BNA_F
 ClientSampleId :
 PB81970BS

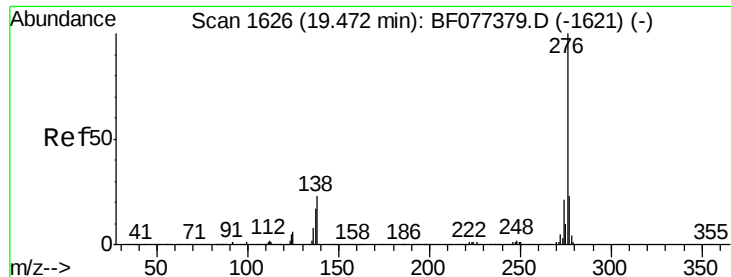
Tgt Ion:149 Resp: 371447
 Ion Ratio Lower Upper
 149 100
 167 26.5 22.8 34.2
 279 3.0 3.8 5.6#



#84
 Di-n-octyl phthalate
 Concen: 34.72 ng
 RT: 16.90 min Scan# 1401
 Delta R.T. 0.01 min
 Lab File: BF077622.D
 Acq: 6 Mar 2015 15:20

Tgt Ion:149 Resp: 627967
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 9.6 8.1 12.1

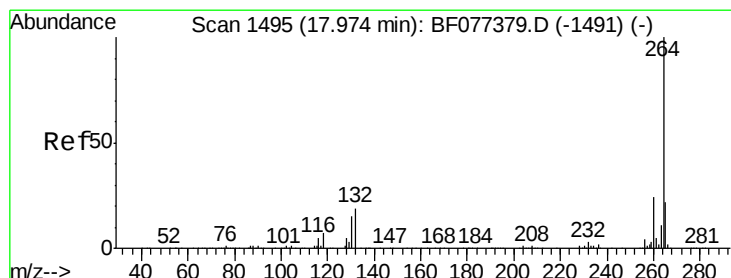
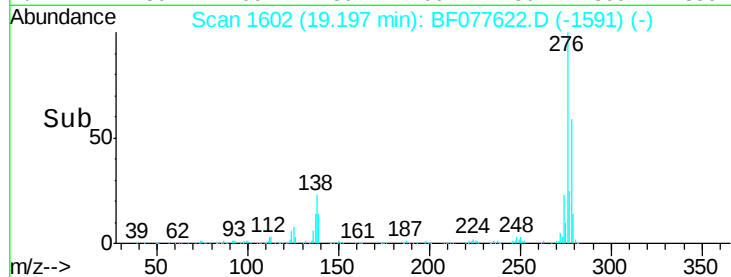
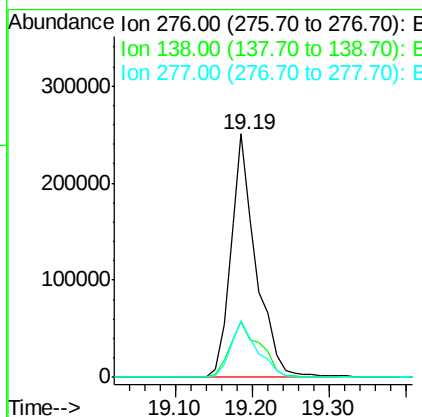
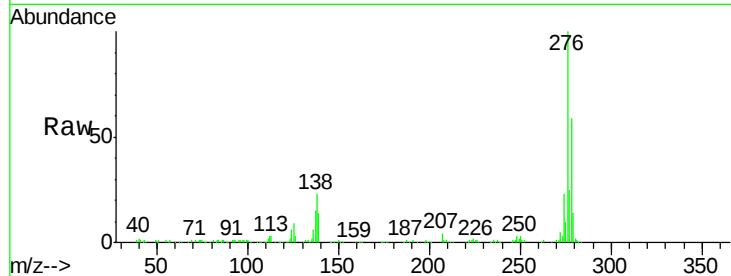




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.03 ng
 RT: 19.19 min Scan# 1602
 Delta R.T. 0.02 min
 Lab File: BF077622.D
 Acq: 6 Mar 2015 15:20

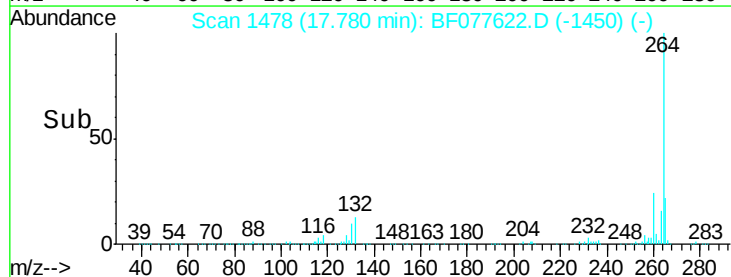
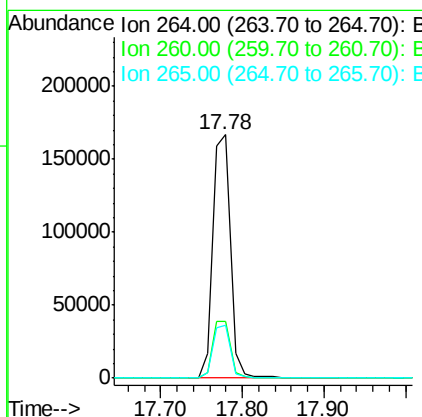
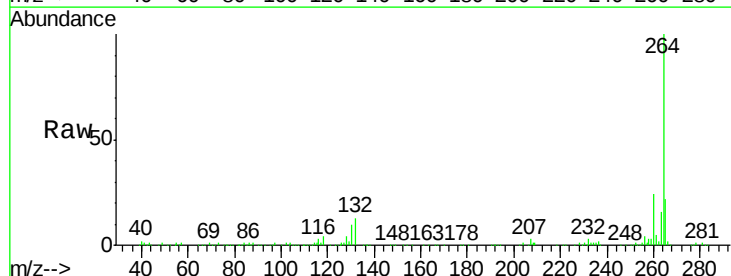
Instrument :
 BNA_F
 ClientSampleId :
 PB81970BS

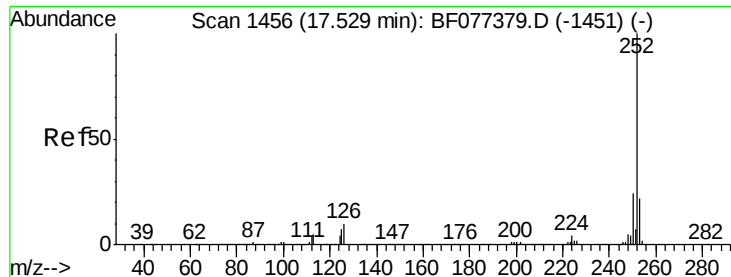
Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.8	21.2	31.8
277	25.1	20.0	30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.78 min Scan# 1478
 Delta R.T. 0.02 min
 Lab File: BF077622.D
 Acq: 6 Mar 2015 15:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.3	28.9
265	21.5	16.8	25.2

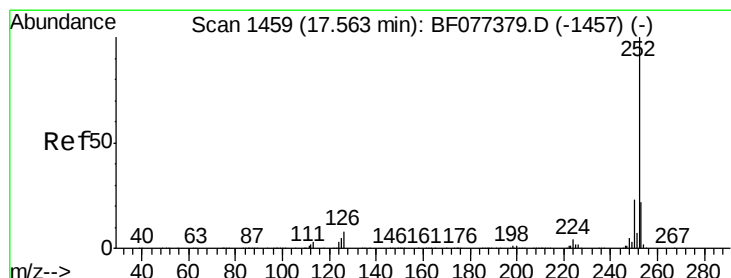
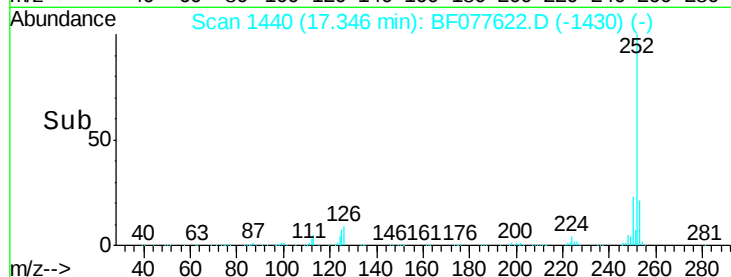
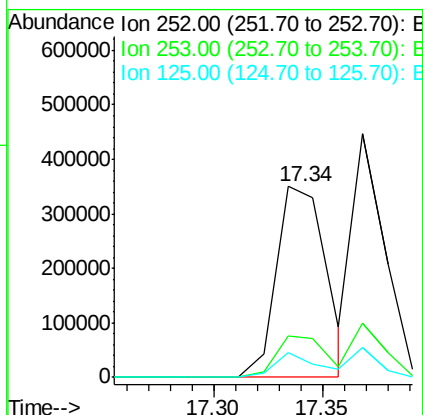
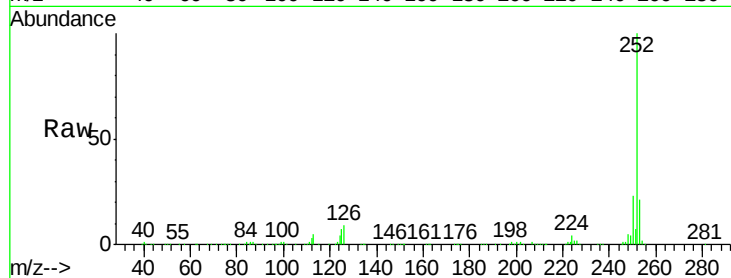




#87
Benzo(b)fluoranthene
Concen: 38.03 ng
RT: 17.34 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF077622.D
Acq: 6 Mar 2015 15:20

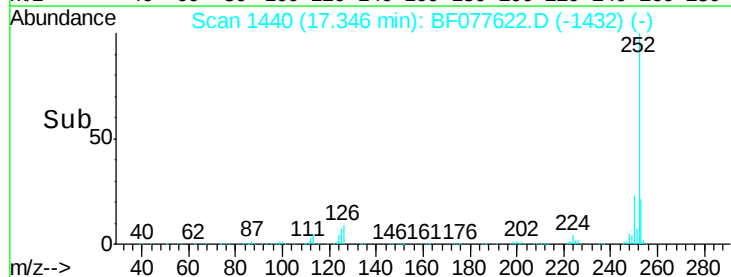
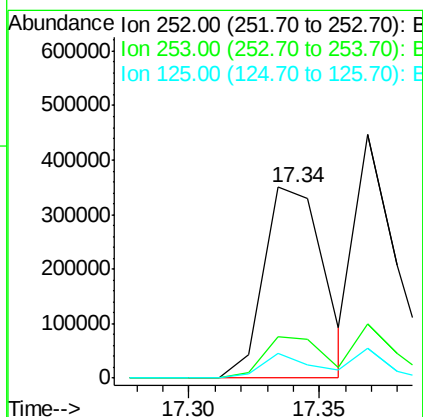
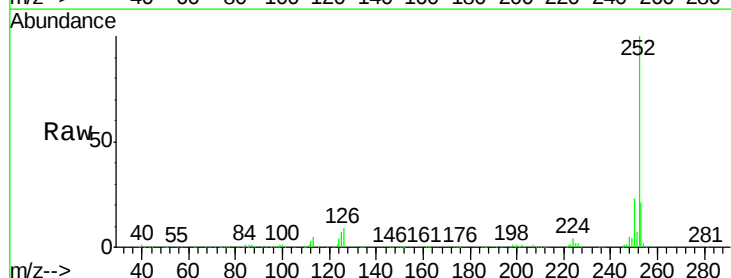
Instrument :
BNA_F
ClientSampleId :
PB81970BS

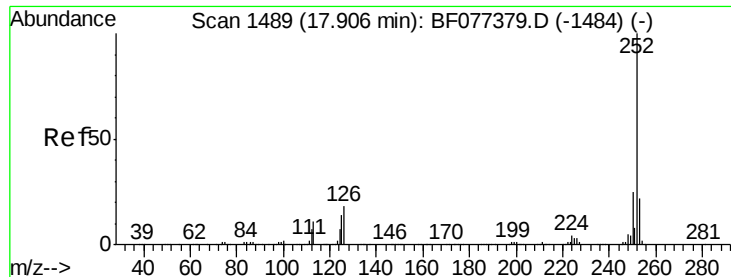
Tgt Ion: 252 Resp: 558922
Ion Ratio Lower Upper
252 100
253 21.4 17.6 26.4
125 7.1 5.4 8.2



#88
Benzo(k)fluoranthene
Concen: 38.80 ng
RT: 17.34 min Scan# 1440
Delta R.T. -0.02 min
Lab File: BF077622.D
Acq: 6 Mar 2015 15:20

Tgt Ion: 252 Resp: 558895
Ion Ratio Lower Upper
252 100
253 21.4 18.1 27.1
125 7.1 10.1 15.1#





#89

Benzo(a)pyrene

Concen: 35.40 ng

RT: 17.71 min Scan# 1472

Delta R.T. 0.02 min

Lab File: BF077622.D

Acq: 6 Mar 2015 15:20

Instrument :

BNA_F

ClientSampleId :

PB81970BS

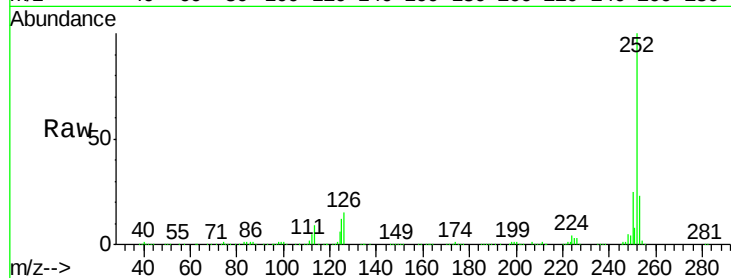
Tgt Ion:252 Resp: 495449

Ion Ratio Lower Upper

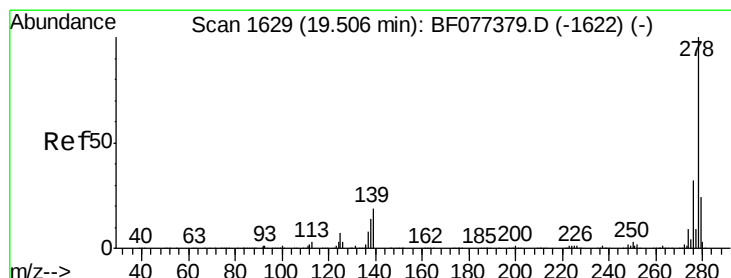
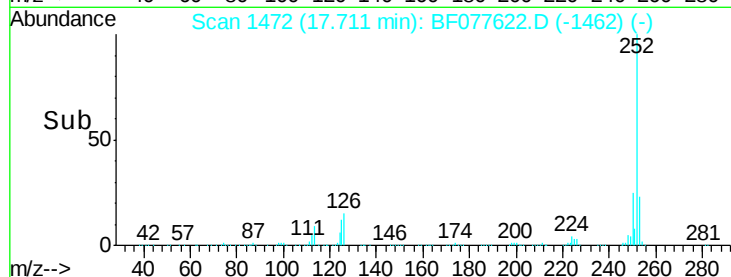
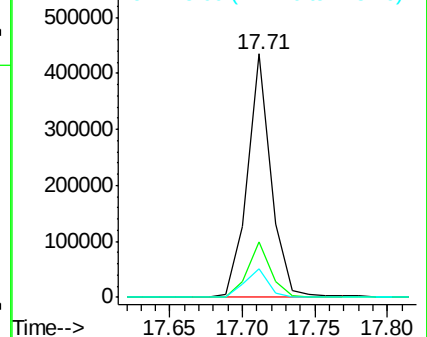
252 100

253 22.7 18.2 27.2

125 11.8 8.3 12.5



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



#90

Dibenzo(a,h)anthracene

Concen: 35.63 ng

RT: 19.22 min Scan# 1604

Delta R.T. 0.02 min

Lab File: BF077622.D

Acq: 6 Mar 2015 15:20

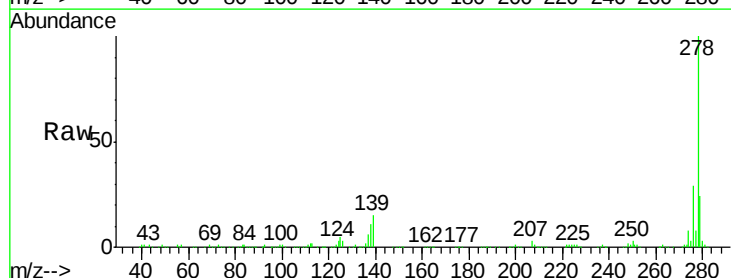
Tgt Ion:278 Resp: 475694

Ion Ratio Lower Upper

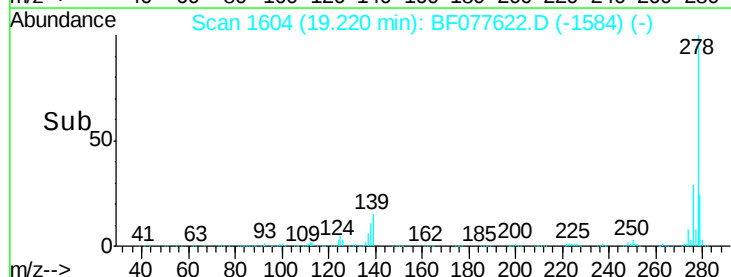
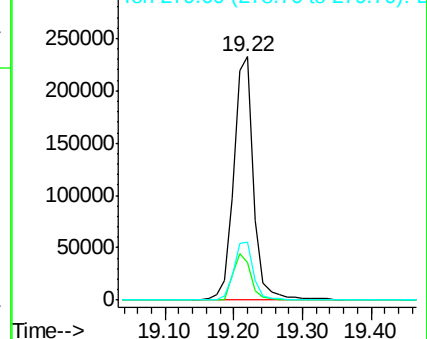
278 100

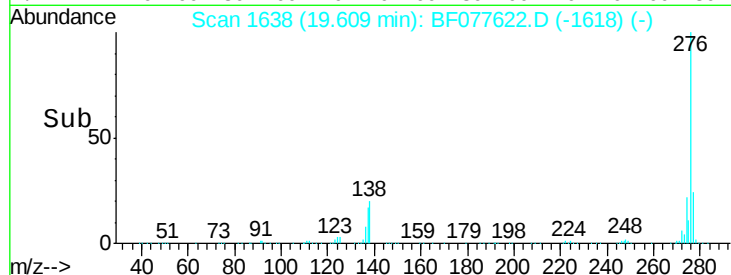
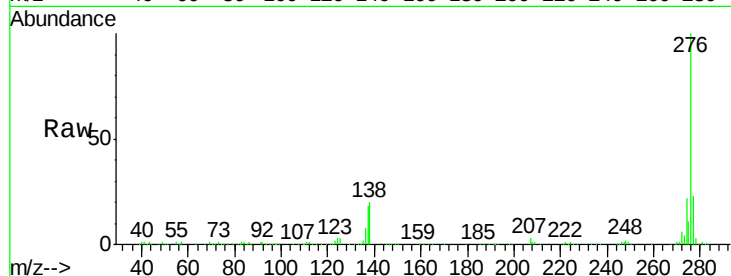
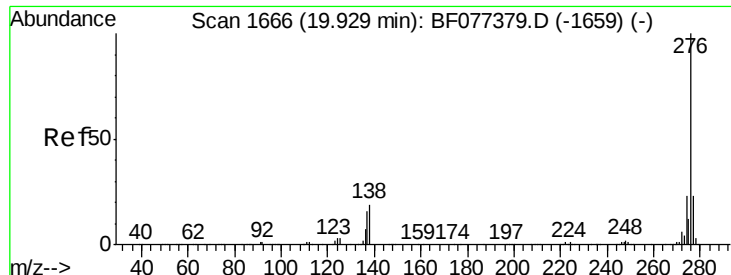
139 15.3 14.3 21.5

279 23.7 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: 36.18 ng

RT: 19.60 min Scan# 1638

Delta R.T. 0.02 min

Lab File: BF077622.D

Acq: 6 Mar 2015 15:20

Instrument :

BNA_F

ClientSampleId :

PB81970BS

Tgt Ion: 276 Resp: 487430

Ion Ratio Lower Upper

276 100

277 23.4 18.9 28.3

138 19.9 20.5 30.7#

