

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030615\
 Data File : BF077621.D
 Acq On : 6 Mar 2015 14:52
 Operator : TP/IZ
 Sample : PB81936BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81936BS

Quant Time: Mar 06 22:31:06 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	65843	20.00	ng	0.00
21) Naphthalene-d8	8.78	136	258698	20.00	ng	0.00
38) Acenaphthene-d10	10.95	164	130440	20.00	ng	0.00
63) Phenanthrene-d10	12.79	188	259973	20.00	ng	0.00
75) Chrysene-d12	16.08	240	280589	20.00	ng	0.00
86) Perylene-d12	17.80	264	263220	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	479892	121.68	ng	0.00
7) Phenol-d6	6.77	99	637556	125.73	ng	0.00
23) Nitrobenzene-d5	7.90	82	340948	81.96	ng	0.00
41) 2,4,6-Tribromophenol	11.93	330	165180	131.52	ng	0.00
44) 2-Fluorobiphenyl	10.13	172	772054	92.29	ng	0.00
78) Terphenyl-d14	14.79	244	920912	76.73	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.14	88	56984	34.05	ng	# 88
3) Pyridine	2.87	79	162071	33.85	ng	97
4) n-Nitrosodimethylamine	2.77	42	80176	38.52	ng	93
6) Aniline	6.79	93	146447	20.90	ng	# 90
8) 2-Chlorophenol	6.93	128	178754	38.42	ng	96
9) Benzaldehyde	6.65	77	28968	9.41	ng	93
10) Phenol	6.79	94	226525	37.65	ng	79
11) bis(2-Chloroethyl)ether	6.89	93	160322	37.08	ng	98
12) 1,3-Dichlorobenzene	7.13	146	186687	36.85	ng	# 94
13) 1,4-Dichlorobenzene	7.23	146	183210	35.55	ng	97
14) 1,2-Dichlorobenzene	7.41	146	173110	35.31	ng	95
15) Benzyl Alcohol	7.39	79	144305	37.43	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.56	45	224665	36.35	ng	97
17) 2-Methylphenol	7.54	107	137566	37.83	ng	98
18) Hexachloroethane	7.83	117	66368	38.55	ng	# 84
19) n-Nitroso-di-n-propylamine	7.72	70	123495	38.35	ng	97
20) 3+4-Methylphenols	7.73	107	189182	39.50	ng	# 75
22) Acetophenone	7.71	105	237221	38.98	ng	# 89
24) Nitrobenzene	7.92	77	169207	38.66	ng	# 82
25) Isophorone	8.22	82	315623	38.24	ng	96
26) 2-Nitrophenol	8.31	139	84919	47.34	ng	91
27) 2,4-Dimethylphenol	8.38	122	156778	39.06	ng	96
28) bis(2-Chloroethoxy)methane	8.50	93	200766	38.51	ng	100
29) 2,4-Dichlorophenol	8.61	162	153166	40.65	ng	96
30) 1,2,4-Trichlorobenzene	8.71	180	156839	37.87	ng	98
31) Naphthalene	8.81	128	509850	39.41	ng	99
32) Benzoic acid	8.48	122	83125	42.62	ng	97
33) 4-Chloroaniline	8.88	127	121439	21.11	ng	98
34) Hexachlorobutadiene	8.96	225	87612	37.05	ng	99
35) Caprolactam	9.31	113	47322	41.14	ng	# 82
36) 4-Chloro-3-methylphenol	9.49	107	157644	41.62	ng	96
37) 2-Methylnaphthalene	9.67	142	357956	38.96	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.87	216	151196	40.40	ng	# 97
40) Hexachlorocyclopentadiene	9.86	237	154655	77.06	ng	96

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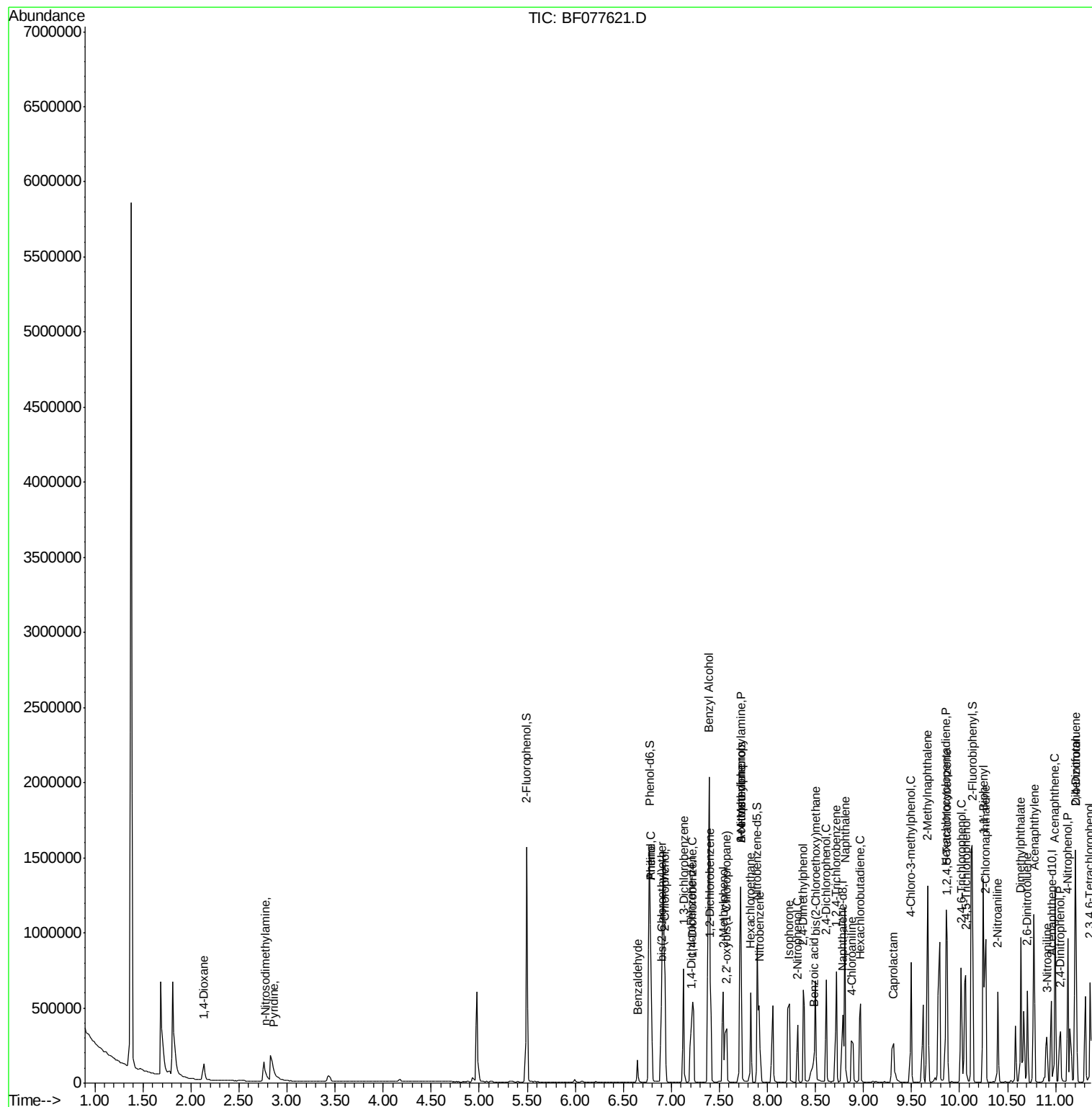
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.02	196	109789	44.30	ng	99
43) 2,4,5-Trichlorophenol	10.06	196	118644	44.76	ng #	95
45) 1,1'-Biphenyl	10.25	154	421952	42.70	ng	98
46) 2-Chloronaphthalene	10.27	162	333994	43.09	ng	95
47) 2-Nitroaniline	10.40	65	93148	48.82	ng	90
48) Acenaphthylene	10.78	152	515228	41.99	ng	100
49) Dimethylphthalate	10.64	163	385245	42.02	ng	100
50) 2,6-Dinitrotoluene	10.71	165	83051	45.17	ng #	49
51) Acenaphthene	10.99	154	301756	41.21	ng	100
52) 3-Nitroaniline	10.91	138	67516	31.85	ng	82
53) 2,4-Dinitrophenol	11.05	184	64440	115.17	ng	94
54) Dibenzofuran	11.21	168	475433	42.06	ng	99
55) 4-Nitrophenol	11.13	139	158068	92.70	ng #	76
56) 2,4-Dinitrotoluene	11.20	165	115625	46.54	ng #	90
57) Fluorene	11.63	166	389450	43.09	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.36	232	91506	42.95	ng	94
59) Diethylphthalate	11.51	149	397429	43.97	ng	97
60) 4-Chlorophenyl-phenylether	11.64	204	177341	40.72	ng	94
61) 4-Nitroaniline	11.66	138	97829	48.15	ng	91
62) Azobenzene	11.84	77	375025	43.73	ng	98
64) 4,6-Dinitro-2-methylphenol	11.70	198	44067	42.91	ng #	37
65) n-Nitrosodiphenylamine	11.79	169	346337	40.15	ng	99
66) 4-Bromophenyl-phenylether	12.25	248	116620	38.31	ng	99
67) Hexachlorobenzene	12.31	284	119280	36.50	ng	95
68) Atrazine	12.46	200	115120	41.05	ng	97
69) Pentachlorophenol	12.56	266	135035	78.63	ng	100
70) Phenanthrene	12.82	178	566117	37.57	ng	99
71) Anthracene	12.88	178	597471	39.96	ng	99
72) Carbazole	13.09	167	566266	39.83	ng	100
73) Di-n-butylphthalate	13.55	149	647629	38.79	ng #	97
74) Fluoranthene	14.30	202	635308	38.60	ng	98
76) Benzidine	14.48	184	256122	27.02	ng	98
77) Pyrene	14.57	202	673438	39.24	ng	99
79) Butylbenzylphthalate	15.41	149	287318	40.69	ng #	84
80) Benzo(a)anthracene	16.06	228	639985	38.92	ng	100
81) 3,3'-Dichlorobenzidine	16.04	252	157210	26.09	ng	99
82) Chrysene	16.11	228	591081	38.28	ng	98
83) Bis(2-ethylhexyl)phthalate	16.13	149	425434	37.57	ng #	95
84) Di-n-octyl phthalate	16.91	149	726366	38.42	ng	99
85) Indeno(1,2,3-cd)pyrene	19.22	276	661615	37.58	ng	99
87) Benzo(b)fluoranthene	17.36	252	602994	39.39	ng #	98
88) Benzo(k)fluoranthene	17.36	252	602950	40.20	ng #	96
89) Benzo(a)pyrene	17.73	252	577220	39.60	ng	98
90) Dibenzo(a,h)anthracene	19.24	278	553729	39.83	ng	98
91) Benzo(g,h,i)perylene	19.63	276	551842	39.33	ng	98

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

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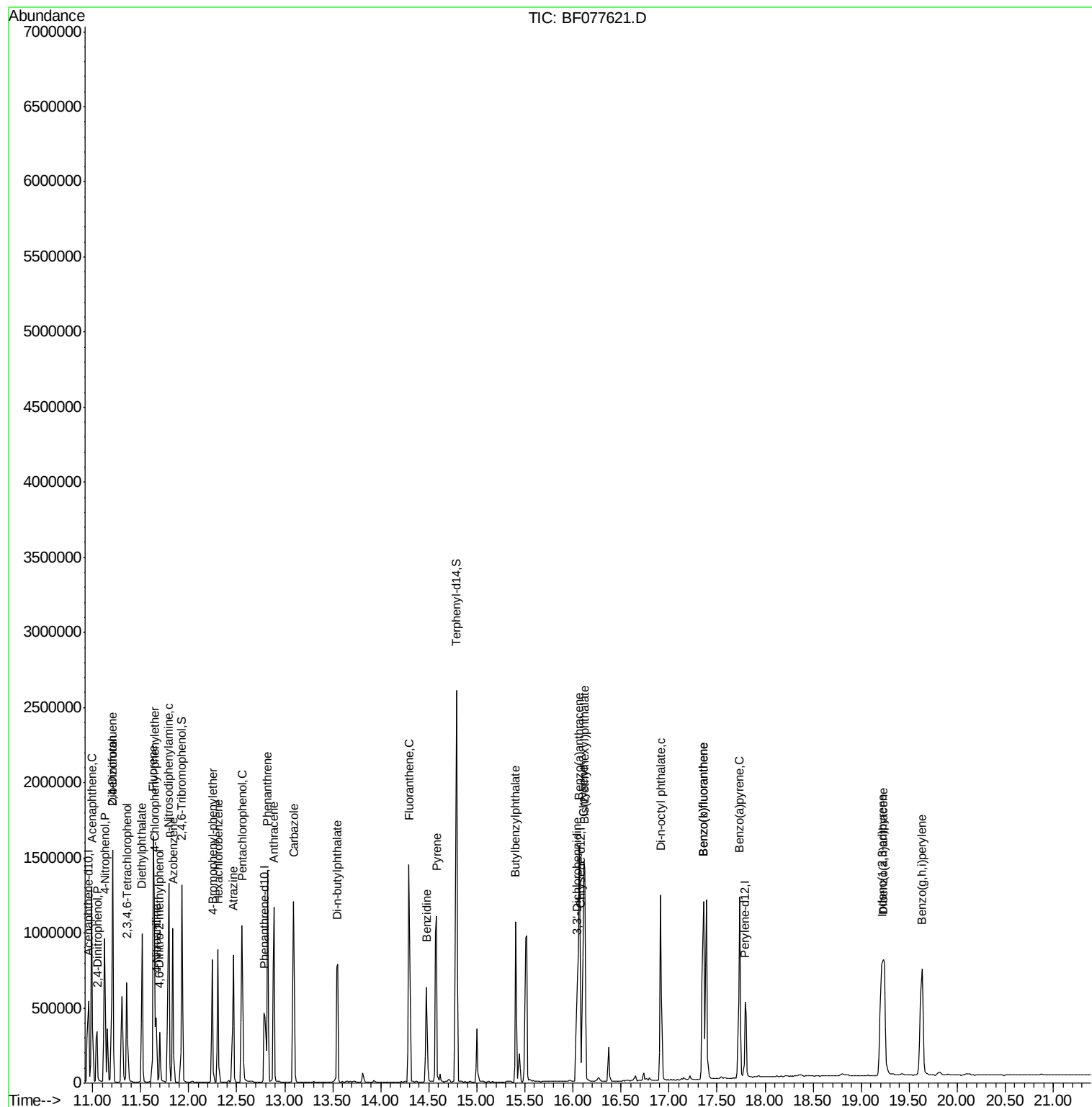
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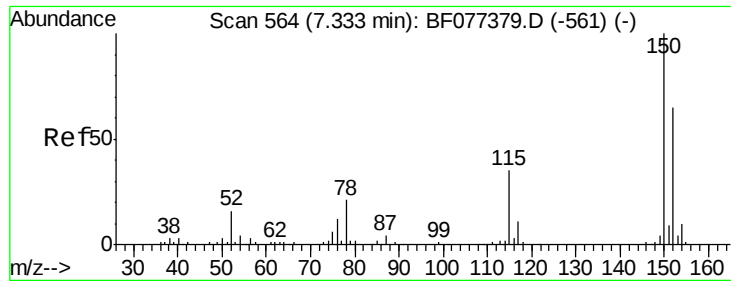


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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.20 min Scan# 553

Delta R.T. -0.00 min

Lab File: BF077621.D

Acq: 6 Mar 2015 14:52

Instrument :

BNA_F

ClientSampleId :

PB81936BS

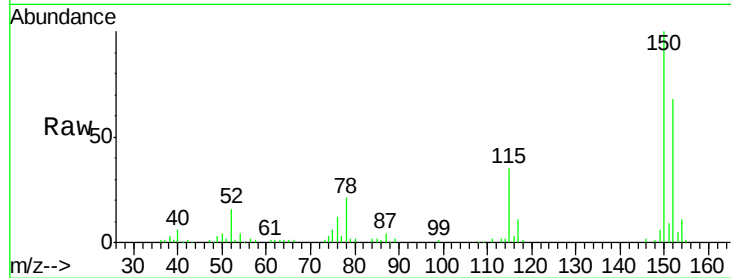
Tgt Ion:152 Resp: 65843

Ion Ratio Lower Upper

152 100

150 147.2 124.0 186.0

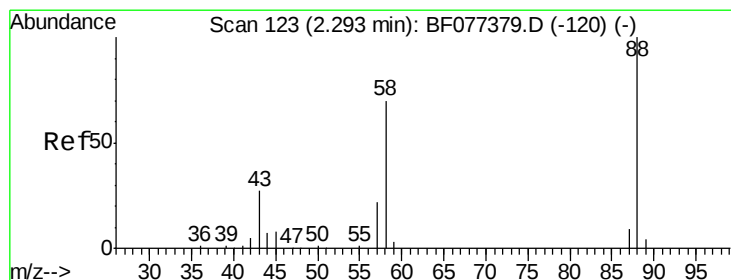
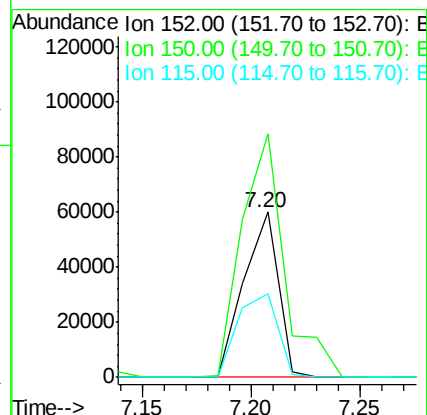
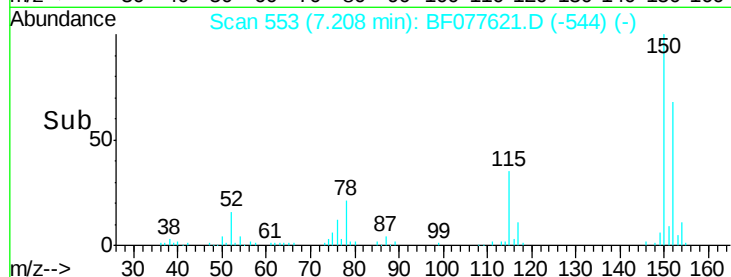
115 50.9 49.4 74.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 34.05 ng

RT: 2.14 min Scan# 110

Delta R.T. 0.03 min

Lab File: BF077621.D

Acq: 6 Mar 2015 14:52

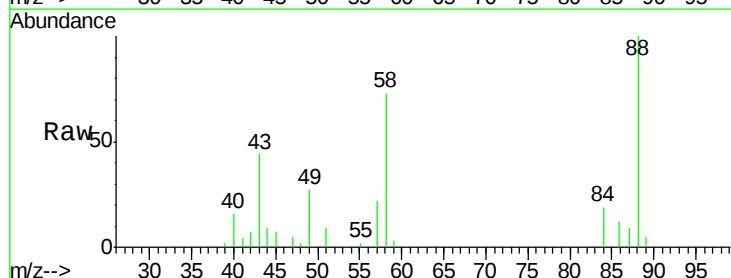
Tgt Ion: 88 Resp: 56984

Ion Ratio Lower Upper

88 100

58 70.8 62.1 93.1

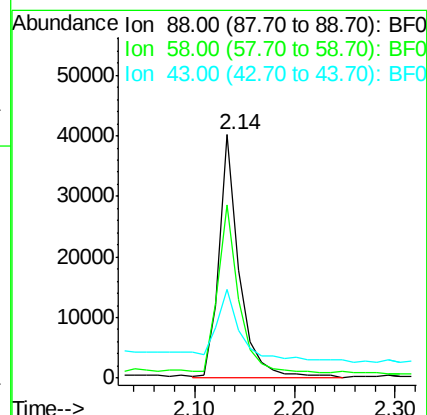
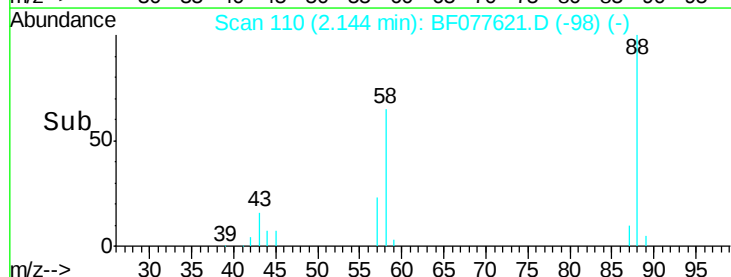
43 42.5 24.0 36.0#

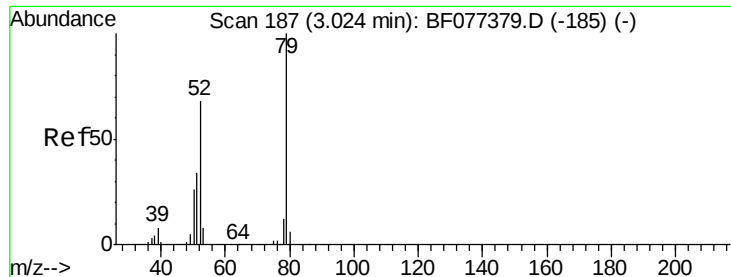


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 33.85 ng

RT: 2.87 min Scan# 173

Delta R.T. 0.03 min

Lab File: BF077621.D

Acq: 6 Mar 2015 14:52

Instrument :

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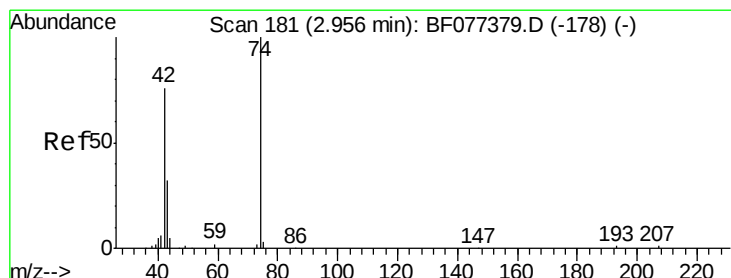
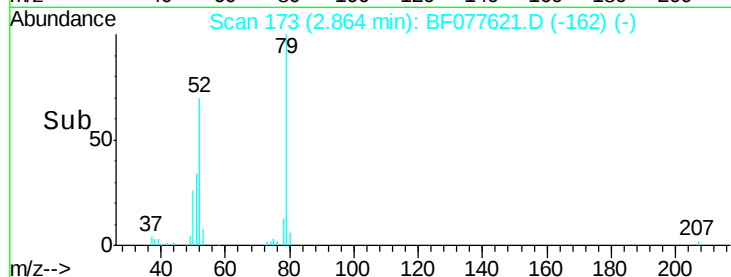
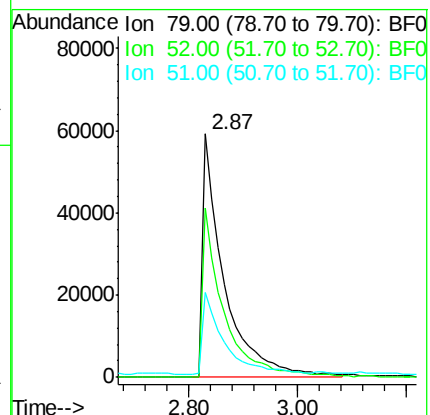
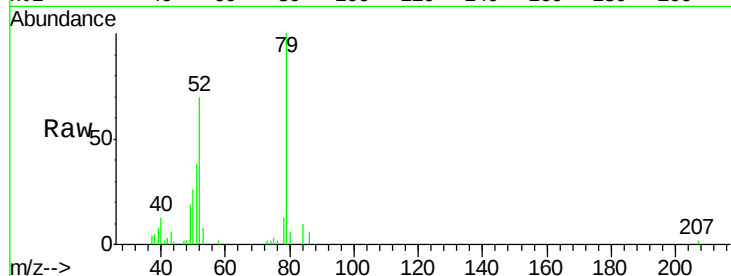
Tgt Ion: 79 Resp: 162071

Ion Ratio Lower Upper

79 100

52 70.1 57.7 86.5

51 38.0 28.5 42.7



#4

n-Nitrosodimethylamine

Concen: 38.52 ng

RT: 2.77 min Scan# 165

Delta R.T. 0.03 min

Lab File: BF077621.D

Acq: 6 Mar 2015 14:52

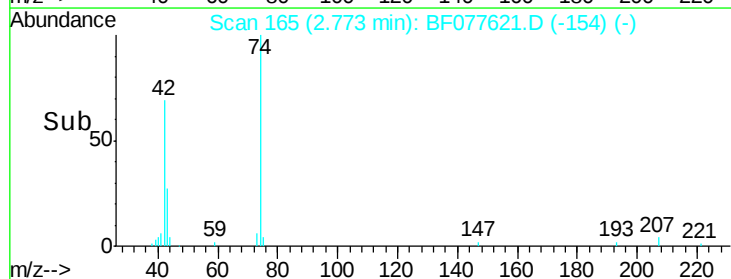
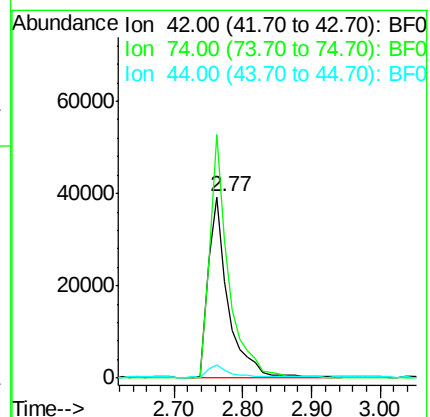
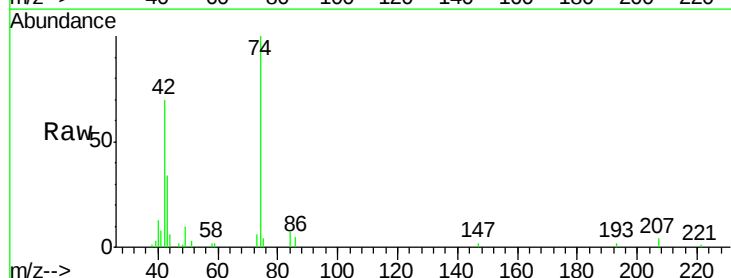
Tgt Ion: 42 Resp: 80176

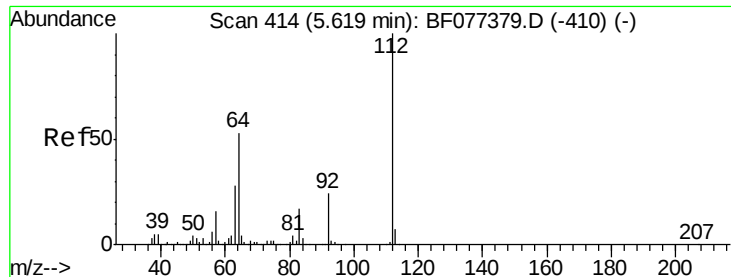
Ion Ratio Lower Upper

42 100

74 142.2 107.1 160.7

44 8.1 6.7 10.1





#5

2-Fluorophenol

Concen: 121.68 ng

RT: 5.50 min Scan# 403

Delta R.T. 0.00 min

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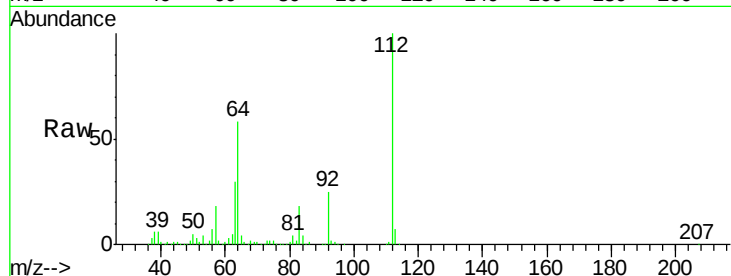
Tgt Ion: 112 Resp: 479892

Ion Ratio Lower Upper

112 100

64 58.3 48.5 72.7

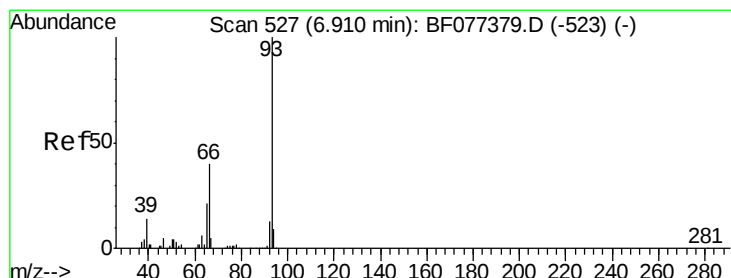
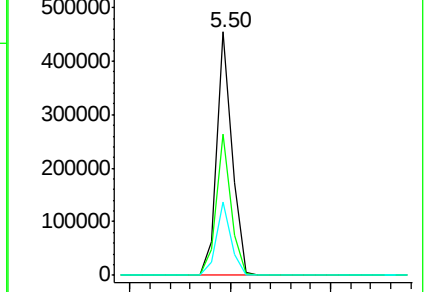
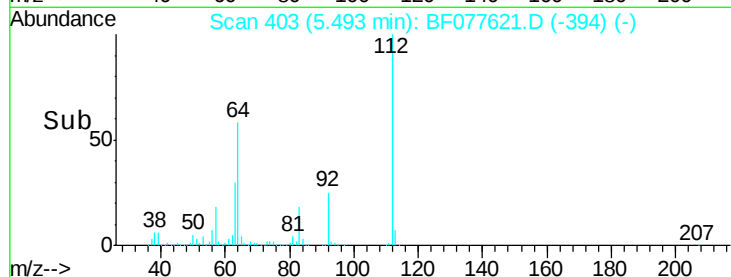
63 30.3 25.0 37.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 20.90 ng

RT: 6.79 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF077621.D

Acq: 6 Mar 2015 14:52

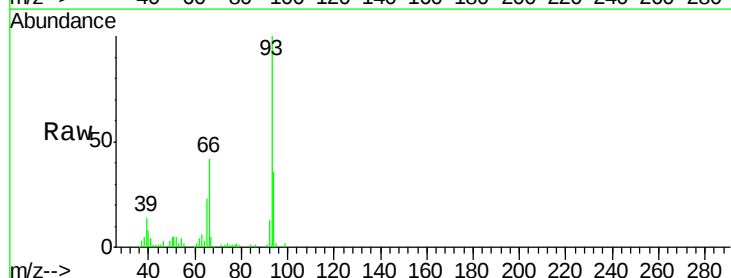
Tgt Ion: 93 Resp: 146447

Ion Ratio Lower Upper

93 100

66 42.1 29.1 43.7

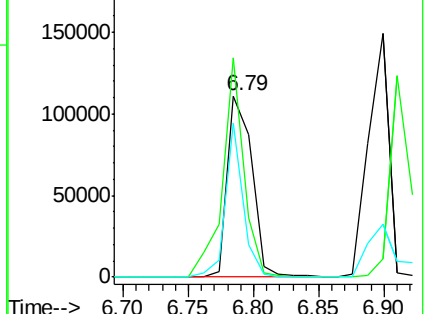
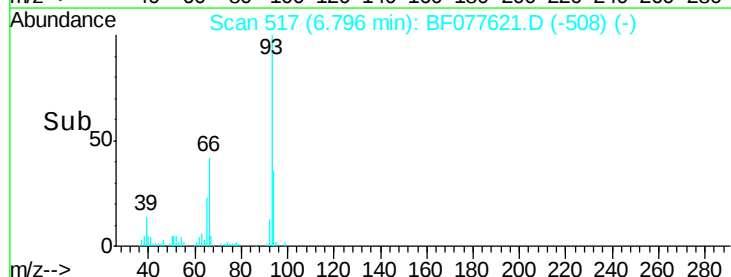
65 22.7 14.6 22.0#

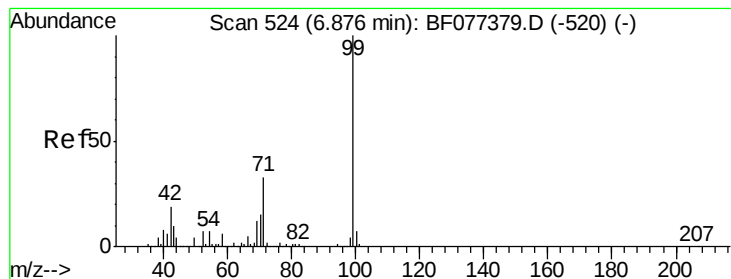


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 125.73 ng

RT: 6.77 min Scan# 515

Delta R.T. 0.00 min

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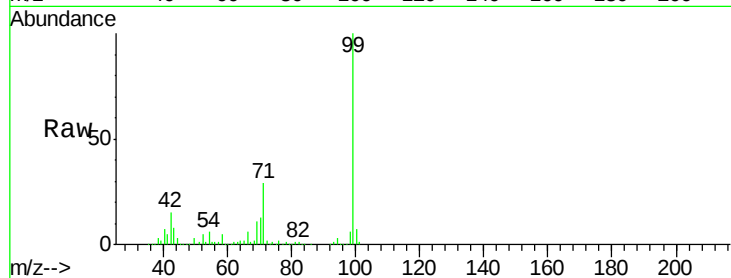
Tgt Ion: 99 Resp: 637556

Ion Ratio Lower Upper

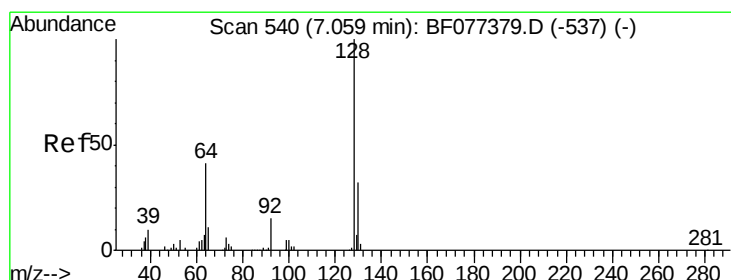
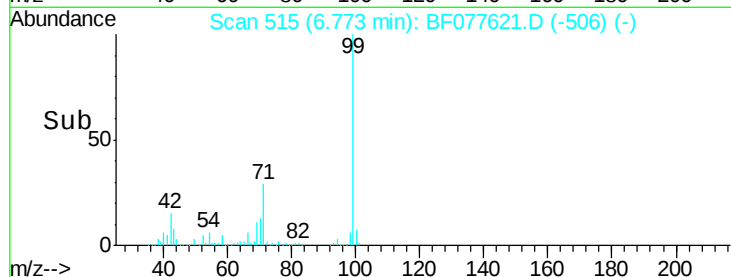
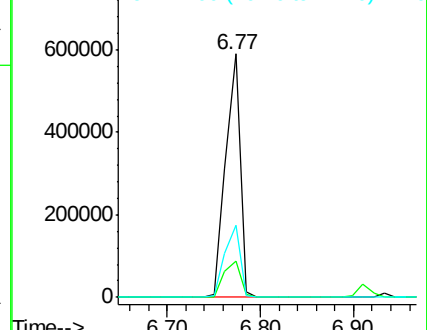
99 100

42 14.8 16.2 24.4#

71 29.5 26.7 40.1



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



#8

2-Chlorophenol

Concen: 38.42 ng

RT: 6.93 min Scan# 529

Delta R.T. 0.00 min

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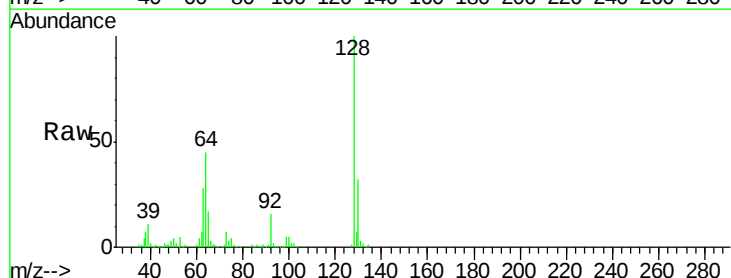
Tgt Ion: 128 Resp: 178754

Ion Ratio Lower Upper

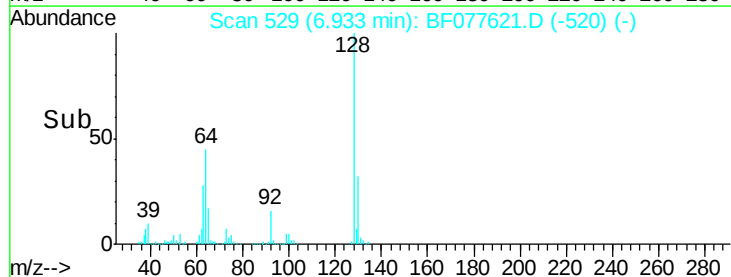
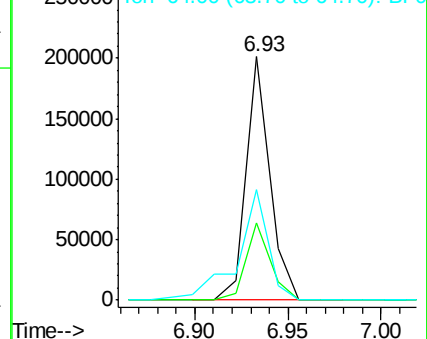
128 100

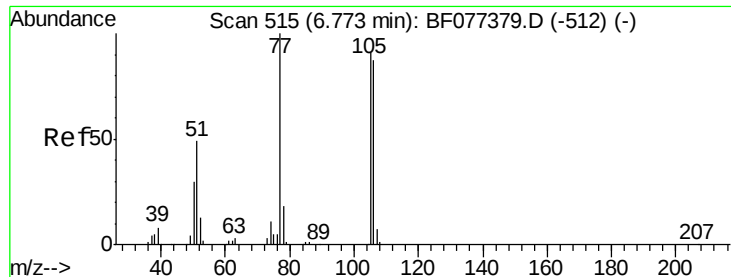
130 31.7 12.0 52.0

64 45.4 29.2 69.2



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





#9

Benzaldehyde

Concen: 9.41 ng

RT: 6.65 min Scan# 504

Delta R.T. -0.00 min

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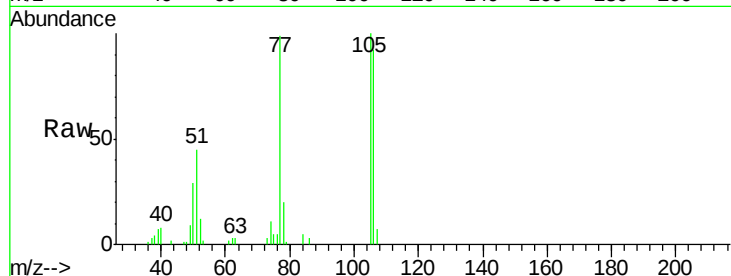
Tgt Ion: 77 Resp: 28968

Ion Ratio Lower Upper

77 100

105 101.3 85.9 125.9

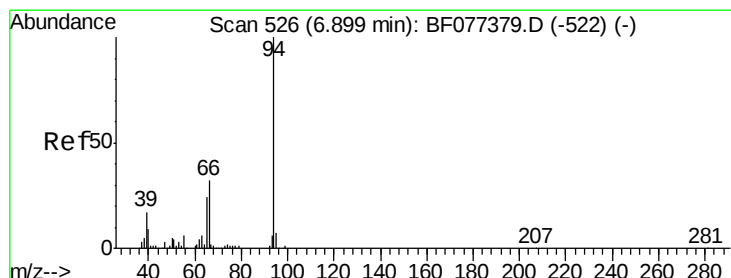
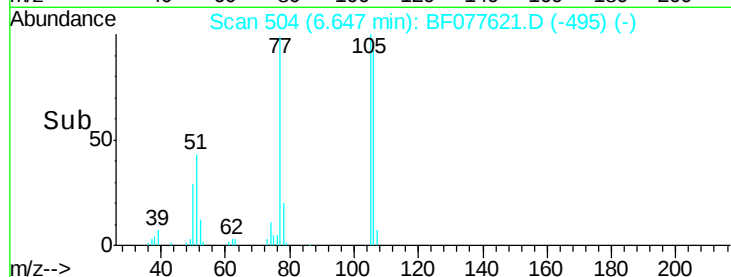
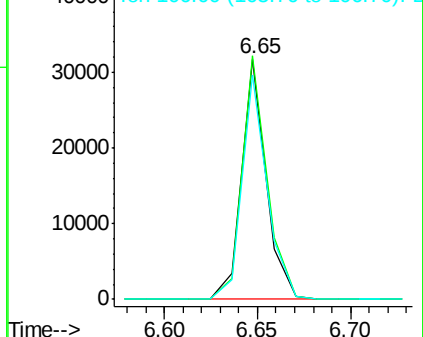
106 93.5 82.9 122.9



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 37.65 ng

RT: 6.79 min Scan# 516

Delta R.T. 0.00 min

Lab File: BF077621.D

Acq: 6 Mar 2015 14:52

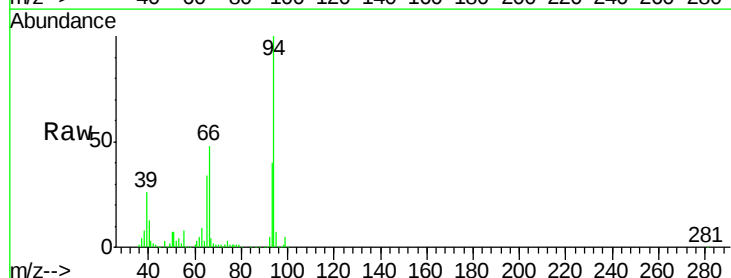
Tgt Ion: 94 Resp: 226525

Ion Ratio Lower Upper

94 100

65 33.7 5.7 45.7

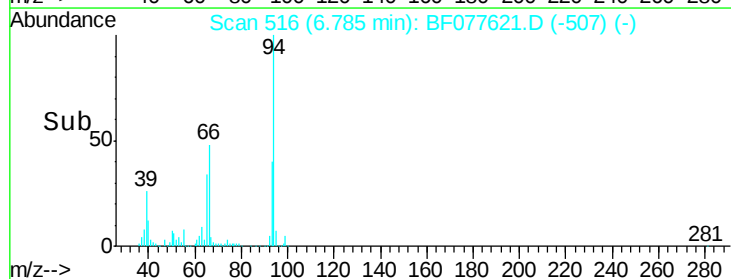
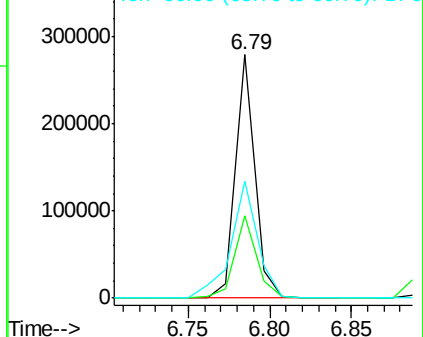
66 48.2 13.6 53.6

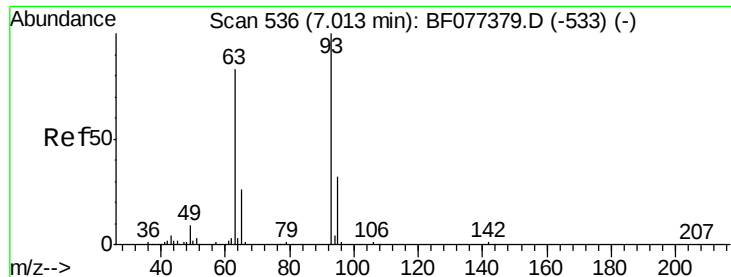


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

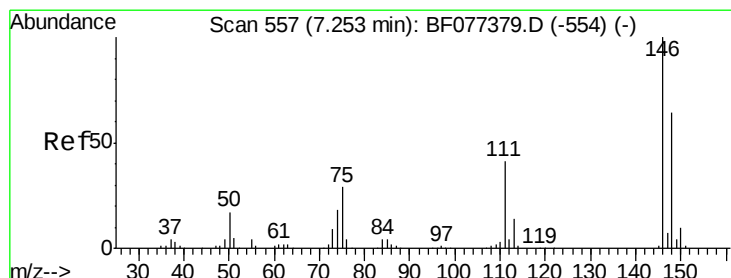
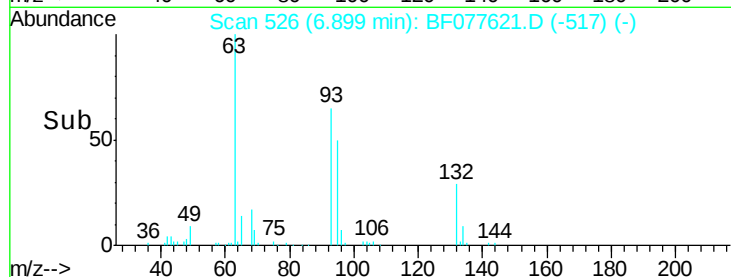
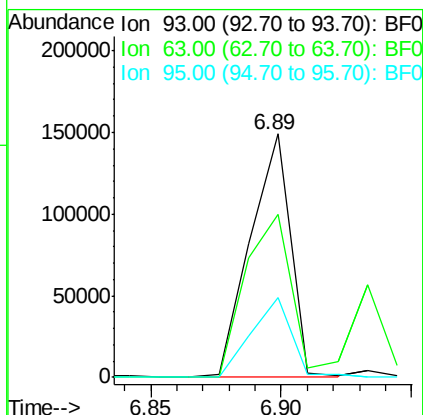
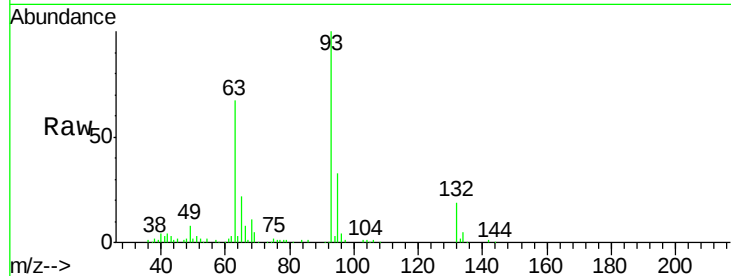




#11
bis(2-Chloroethyl)ether
Concen: 37.08 ng
RT: 6.89 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF077621.D
Acq: 6 Mar 2015 14:52

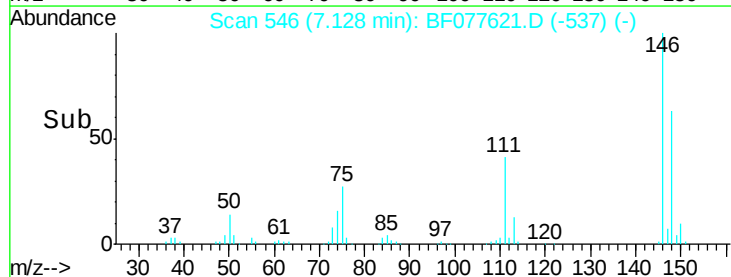
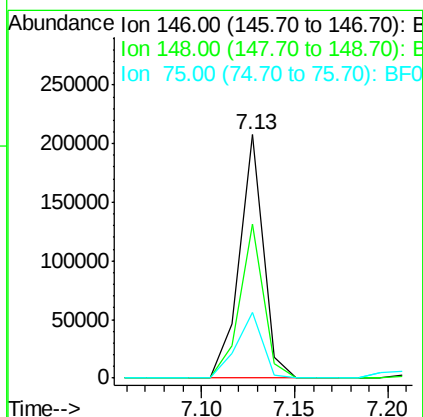
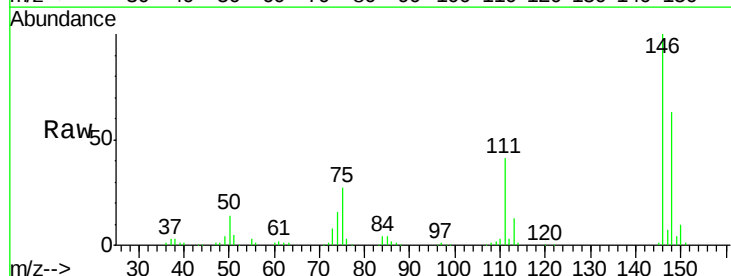
Instrument :
BNA_F
ClientSampleId :
PB81936BS

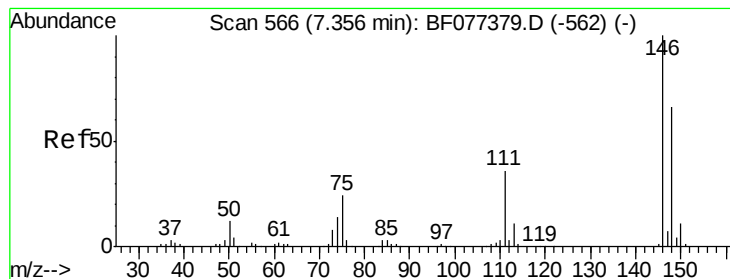
Tgt Ion: 93 Resp: 160322
Ion Ratio Lower Upper
93 100
63 67.0 48.7 88.7
95 32.8 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 36.85 ng
RT: 7.13 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF077621.D
Acq: 6 Mar 2015 14:52

Tgt Ion: 146 Resp: 186687
Ion Ratio Lower Upper
146 100
148 63.3 49.8 74.8
75 27.2 28.2 42.4#





#13

1,4-Dichlorobenzene

Concen: 35.55 ng

RT: 7.23 min Scan# 555

Delta R.T. -0.00 min

Lab File: BF077621.D

Acq: 6 Mar 2015 14:52

Instrument :

BNA_F

ClientSampleId :

PB81936BS

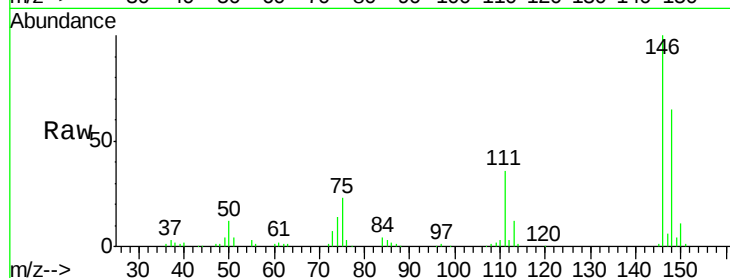
Tgt Ion:146 Resp: 183210

Ion Ratio Lower Upper

146 100

148 64.6 52.0 78.0

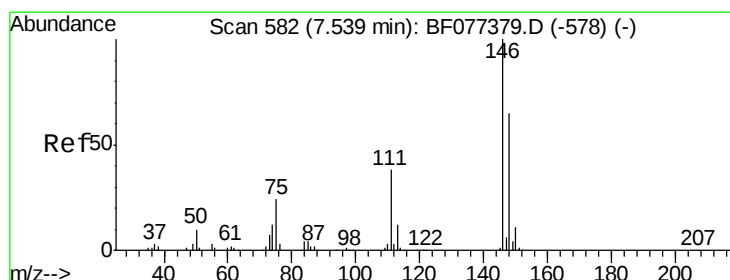
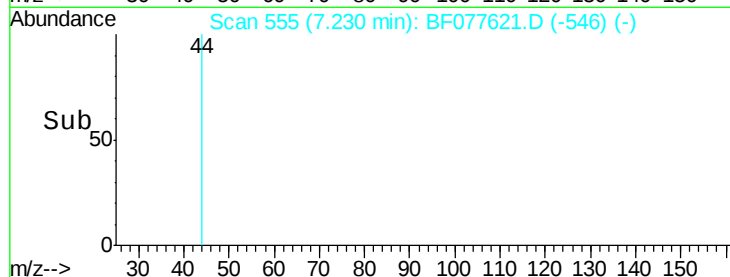
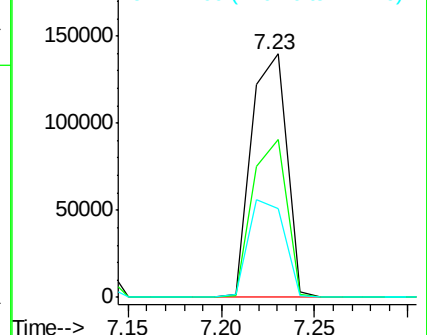
111 36.3 31.9 47.9



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: 35.31 ng

RT: 7.41 min Scan# 571

Delta R.T. -0.00 min

Lab File: BF077621.D

Acq: 6 Mar 2015 14:52

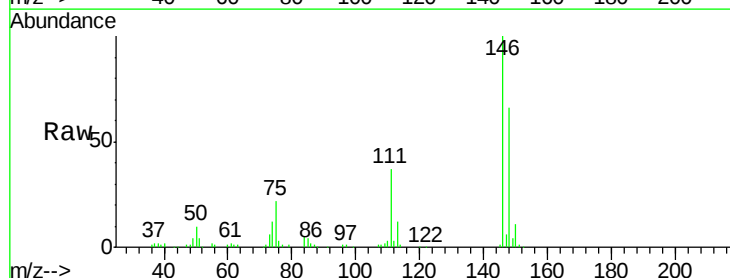
Tgt Ion:146 Resp: 173110

Ion Ratio Lower Upper

146 100

148 66.4 51.6 77.4

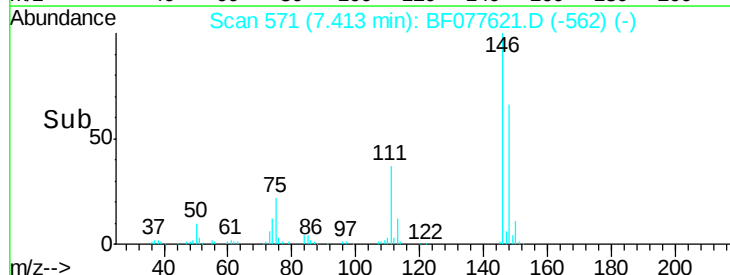
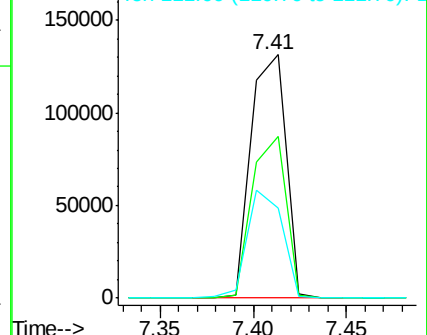
111 36.8 34.2 51.2

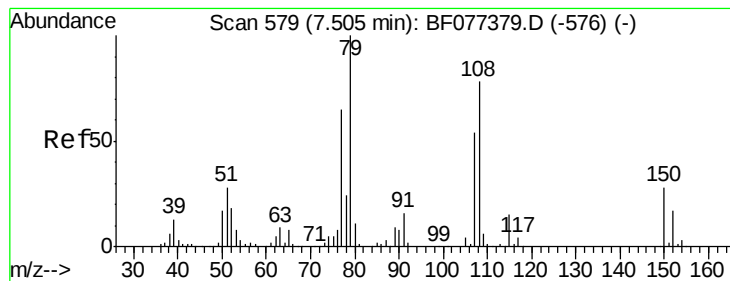


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.43 ng

RT: 7.39 min Scan# 569

Delta R.T. -0.00 min

Lab File: BF077621.D

Acq: 6 Mar 2015 14:52

Instrument :

BNA_F

ClientSampleId :

PB81936BS

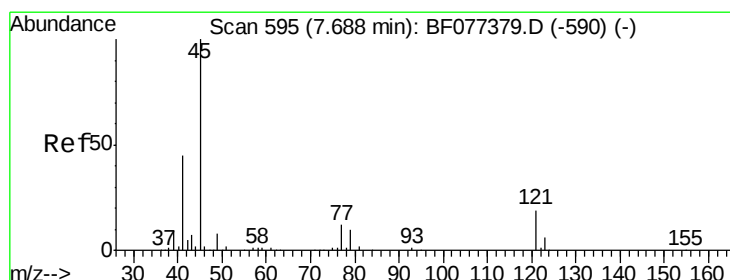
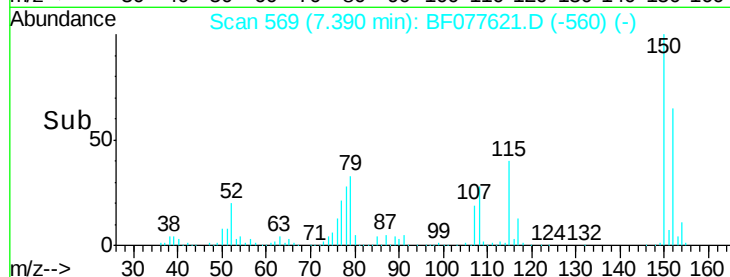
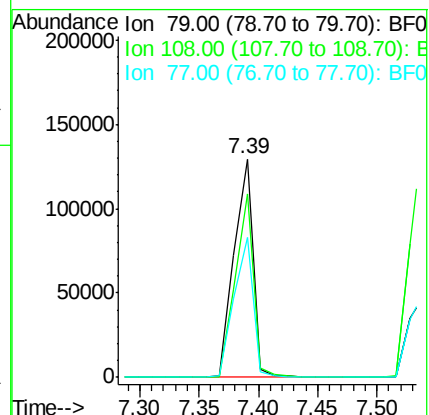
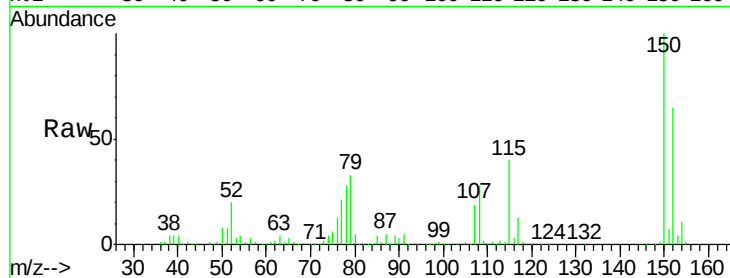
Tgt Ion: 79 Resp: 144305

Ion Ratio Lower Upper

79 100

108 83.8 58.3 87.5

77 63.8 51.3 76.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.35 ng

RT: 7.56 min Scan# 584

Delta R.T. -0.00 min

Lab File: BF077621.D

Acq: 6 Mar 2015 14:52

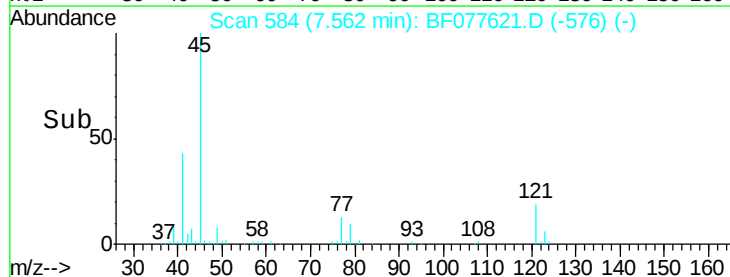
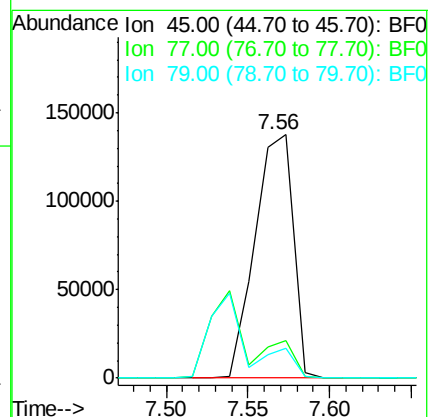
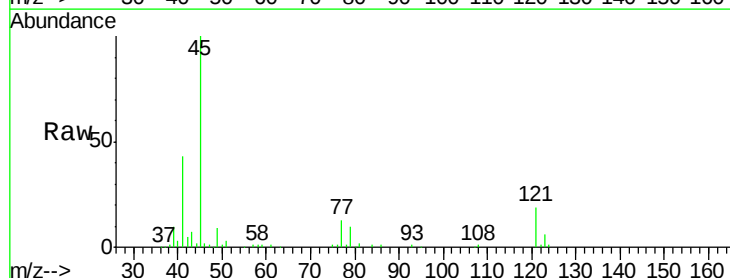
Tgt Ion: 45 Resp: 224665

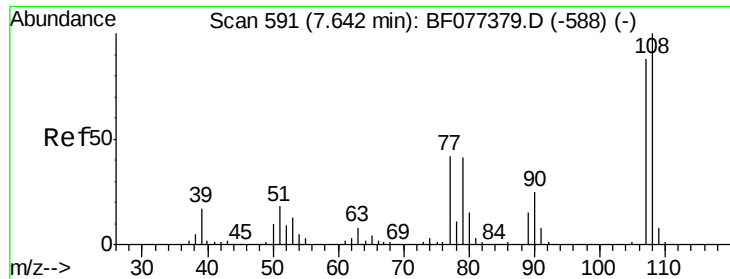
Ion Ratio Lower Upper

45 100

77 13.3 0.0 34.6

79 10.4 0.0 31.5

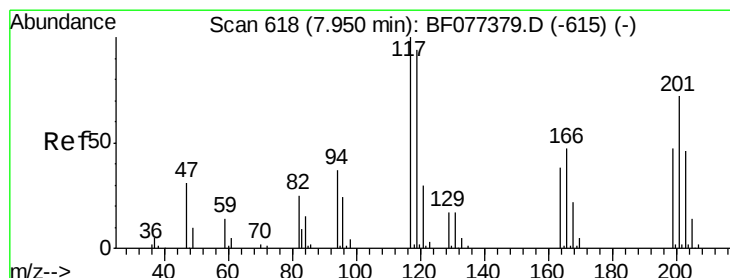
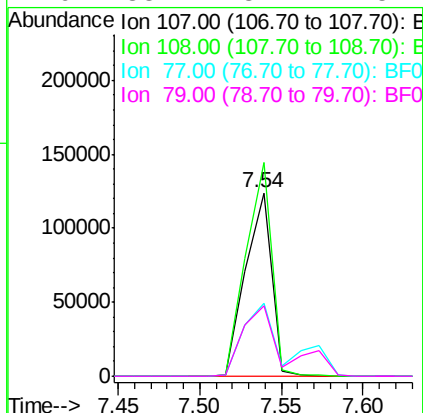
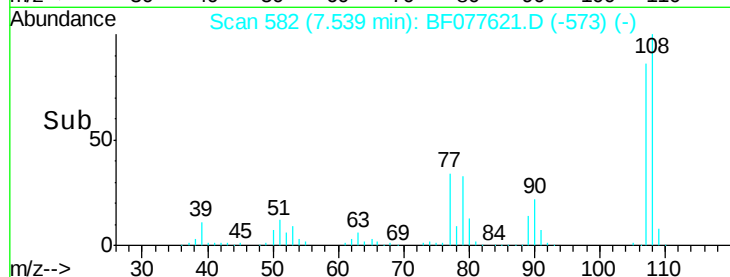
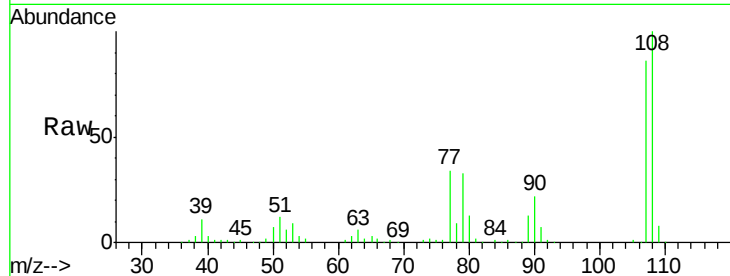




#17
2-Methylphenol
Concen: 37.83 ng
RT: 7.54 min Scan# 582
Delta R.T. 0.00 min
Lab File: BF077621.D
Acq: 6 Mar 2015 14:52

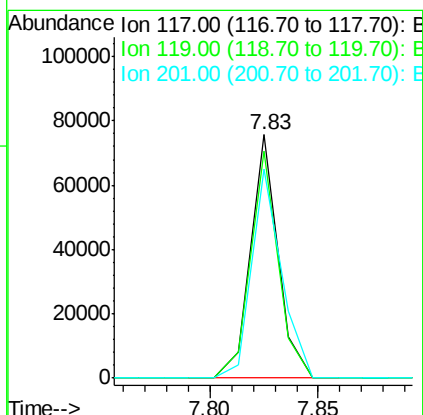
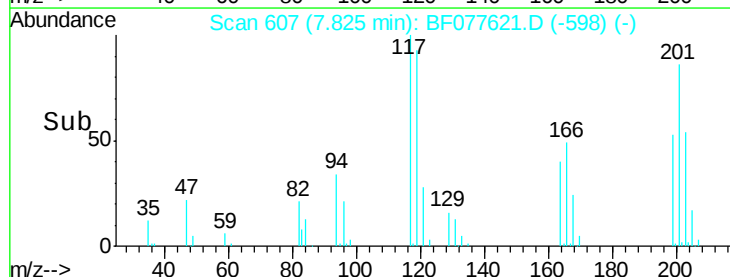
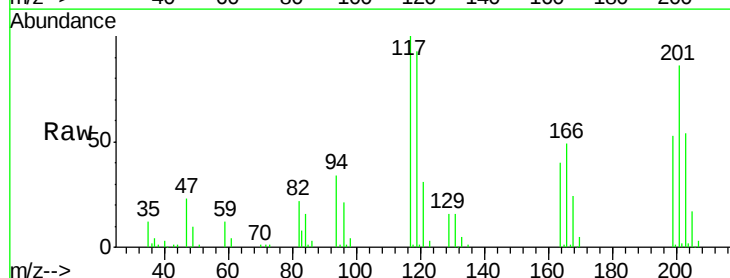
Instrument :
BNA_F
ClientSampleId :
PB81936BS

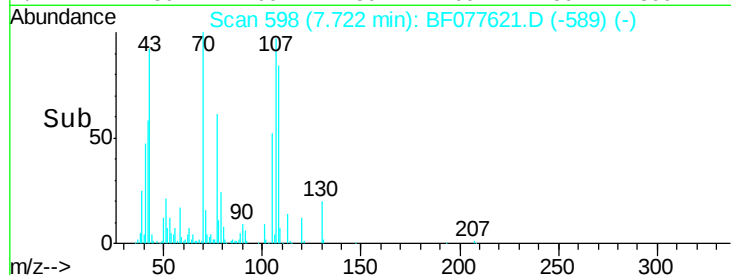
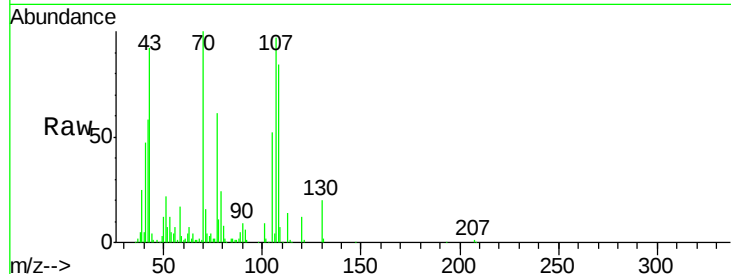
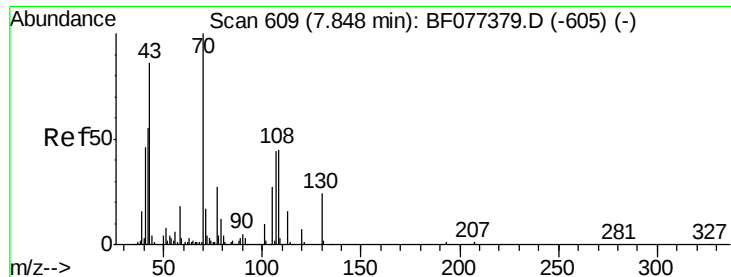
Tgt Ion:	107	Resp:	137566
Ion	Ratio	Lower	Upper
107	100		
108	116.3	91.2	136.8
77	39.8	33.6	50.4
79	38.7	32.1	48.1



#18
Hexachloroethane
Concen: 38.55 ng
RT: 7.83 min Scan# 607
Delta R.T. -0.00 min
Lab File: BF077621.D
Acq: 6 Mar 2015 14:52

Tgt Ion:	117	Resp:	66368
Ion	Ratio	Lower	Upper
117	100		
119	93.5	77.8	116.8
201	85.7	90.6	136.0#

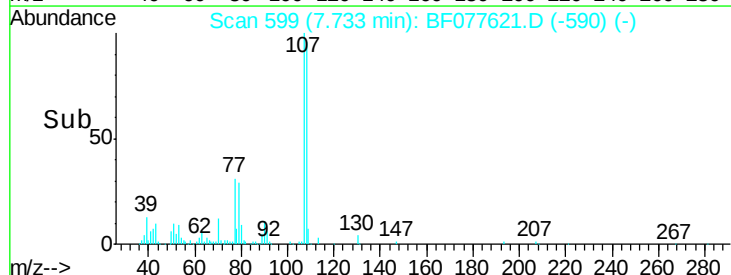
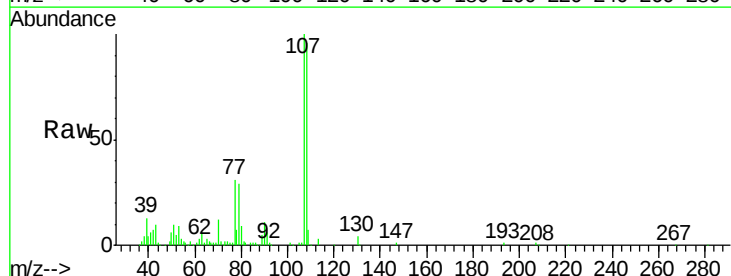
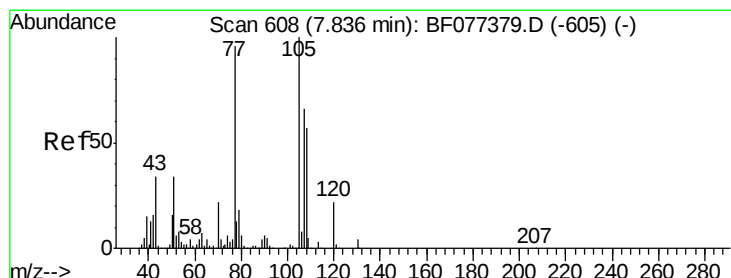
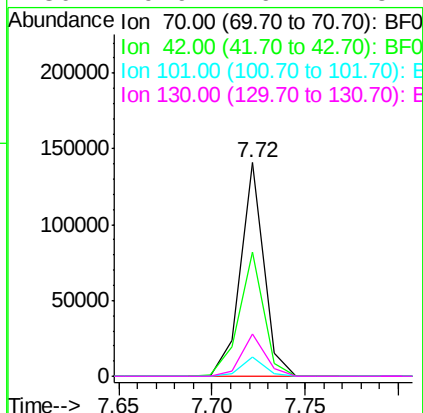




#19
n-Nitroso-di-n-propylamine
Concen: 38.35 ng
RT: 7.72 min Scan# 598
Delta R.T. -0.00 min
Lab File: BF077621.D
Acq: 6 Mar 2015 14:52

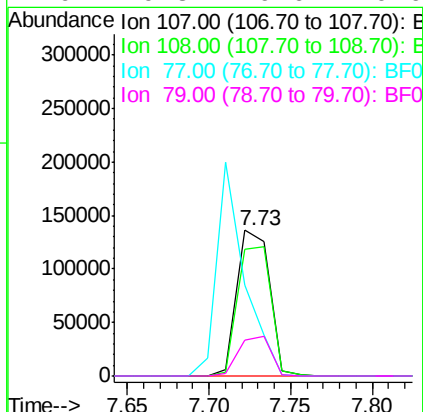
Instrument :
BNA_F
ClientSampleId :
PB81936BS

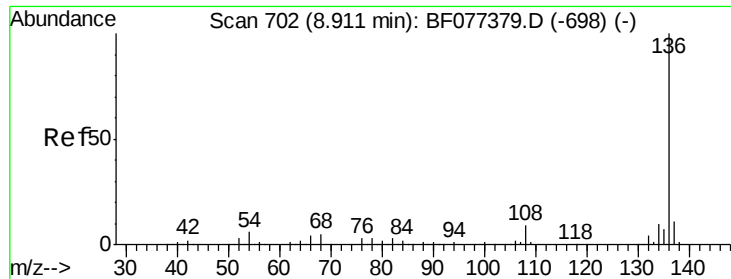
Tgt Ion:	70	Resp:	123495
Ion	Ratio	Lower	Upper
70	100		
42	57.9	48.3	72.5
101	9.2	7.5	11.3
130	19.9	16.7	25.1



#20
3+4-Methylphenols
Concen: 39.50 ng
RT: 7.73 min Scan# 599
Delta R.T. 0.00 min
Lab File: BF077621.D
Acq: 6 Mar 2015 14:52

Tgt Ion:	107	Resp:	189182
Ion	Ratio	Lower	Upper
107	100		
108	96.2	76.8	116.8
77	30.7	65.8	105.8#
79	29.3	9.6	49.6

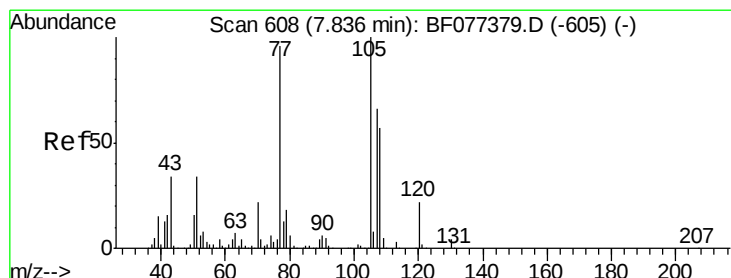
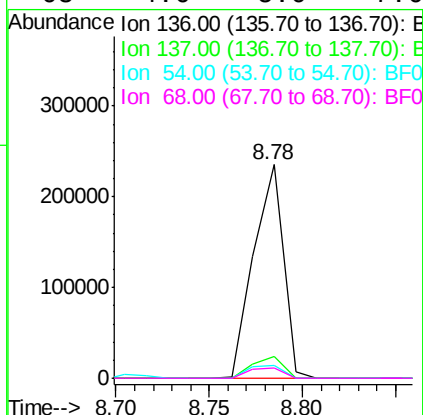
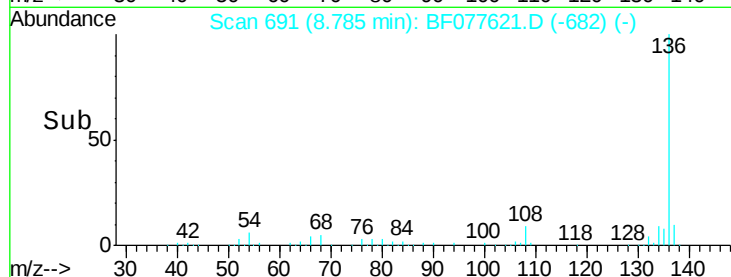
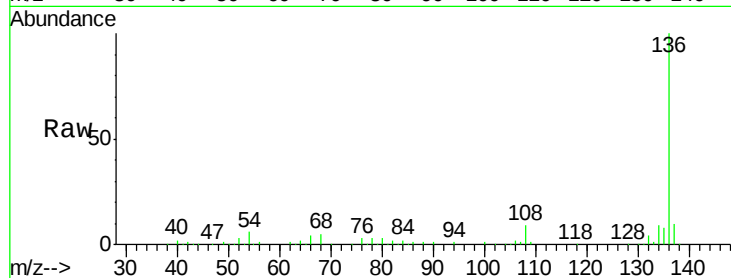




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.78 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF077621.D
Acq: 6 Mar 2015 14:52

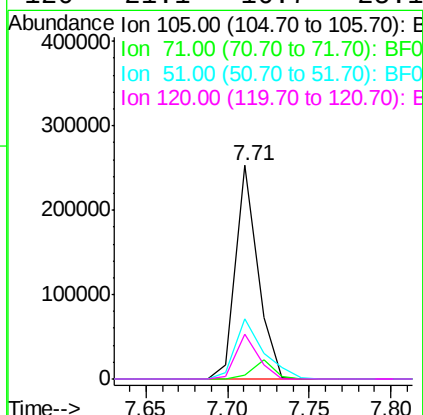
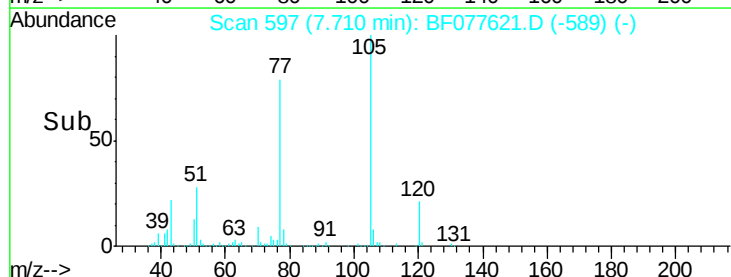
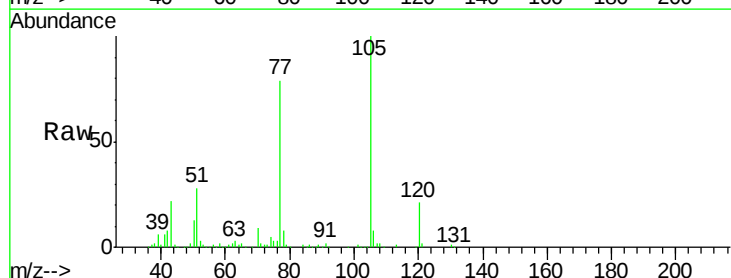
Instrument :
BNA_F
ClientSampleId :
PB81936BS

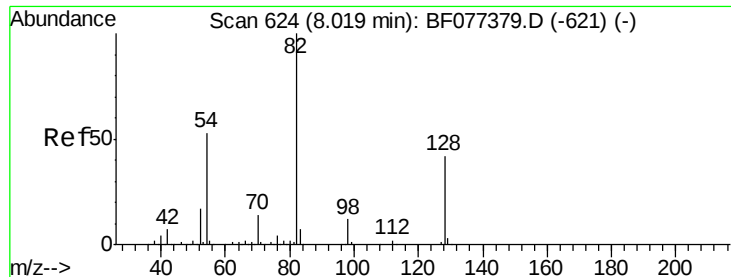
Tgt Ion:	136	Resp:	258698
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	5.8	6.2	9.4#
68	4.6	5.0	7.6#



#22
Acetophenone
Concen: 38.98 ng
RT: 7.71 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF077621.D
Acq: 6 Mar 2015 14:52

Tgt Ion:	105	Resp:	237221
Ion	Ratio	Lower	Upper
105	100		
71	1.6	1.7	2.5#
51	28.1	30.7	46.1#
120	21.1	16.7	25.1

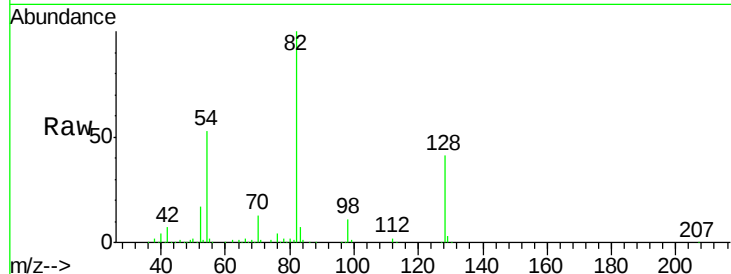




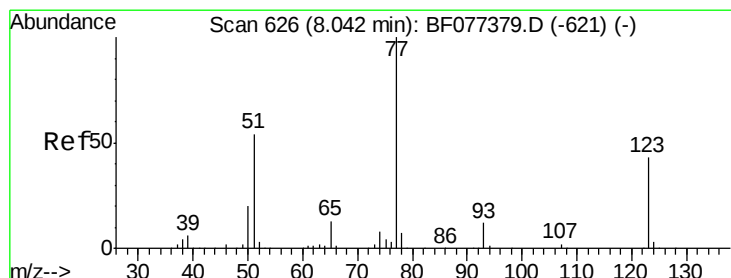
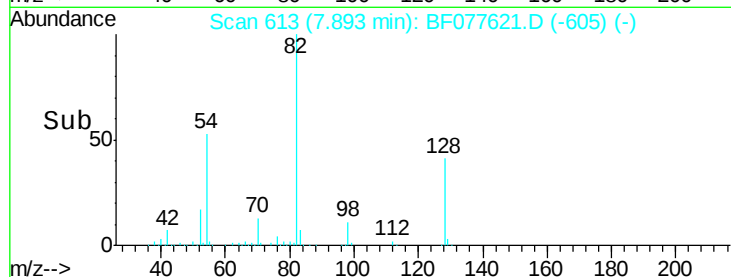
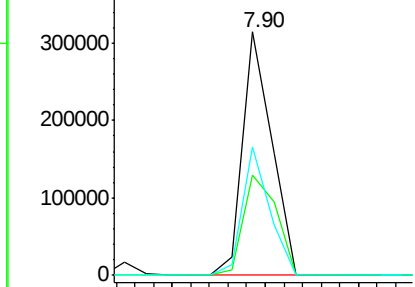
#23
 Nitrobenzene-d5
 Concen: 81.96 ng
 RT: 7.90 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF077621.D
 Acq: 6 Mar 2015 14:52

Instrument :
 BNA_F
 ClientSampleId :
 PB81936BS

Tgt Ion: 82 Resp: 340948
 Ion Ratio Lower Upper
 82 100
 128 41.3 43.8 65.8#
 54 52.9 36.7 55.1

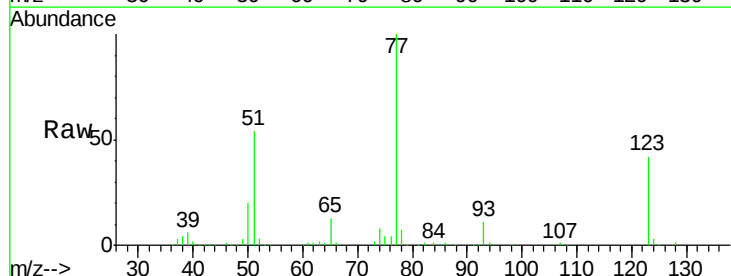


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

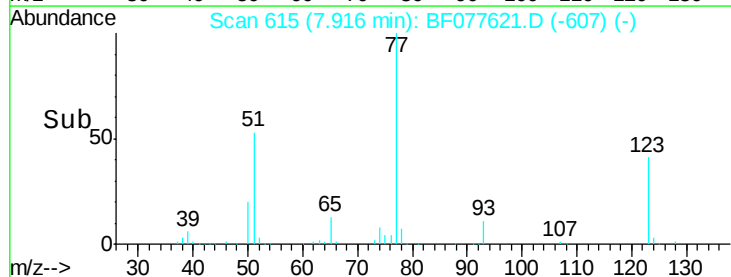
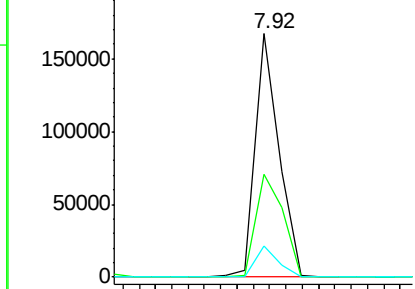


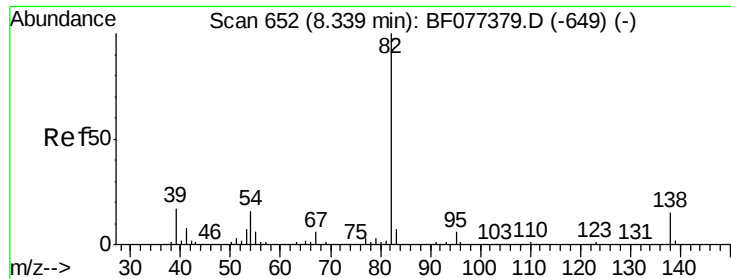
#24
 Nitrobenzene
 Concen: 38.66 ng
 RT: 7.92 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF077621.D
 Acq: 6 Mar 2015 14:52

Tgt Ion: 77 Resp: 169207
 Ion Ratio Lower Upper
 77 100
 123 42.1 45.9 68.9#
 65 12.9 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: 38.24 ng

RT: 8.22 min Scan# 642

Delta R.T. -0.00 min

Lab File: BF077621.D

Acq: 6 Mar 2015 14:52

Instrument :

BNA_F

ClientSampleId :

PB81936BS

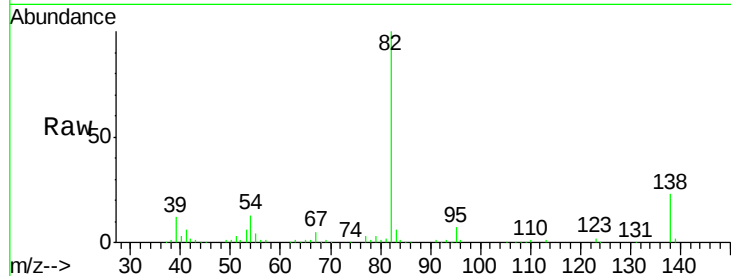
Tgt Ion: 82 Resp: 315623

Ion Ratio Lower Upper

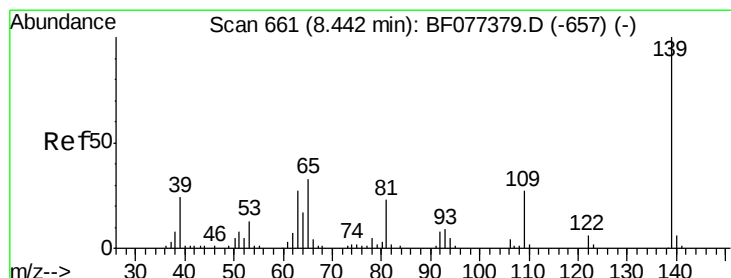
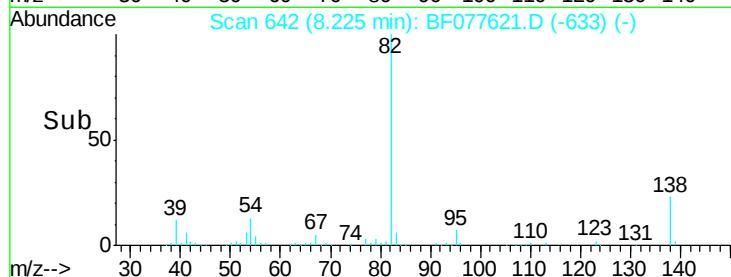
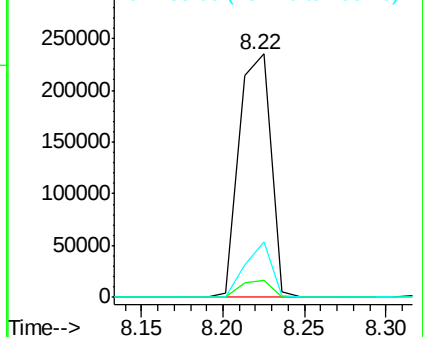
82 100

95 7.0 5.4 8.2

138 22.8 16.3 24.5



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



#26

2-Nitrophenol

Concen: 47.34 ng

RT: 8.31 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF077621.D

Acq: 6 Mar 2015 14:52

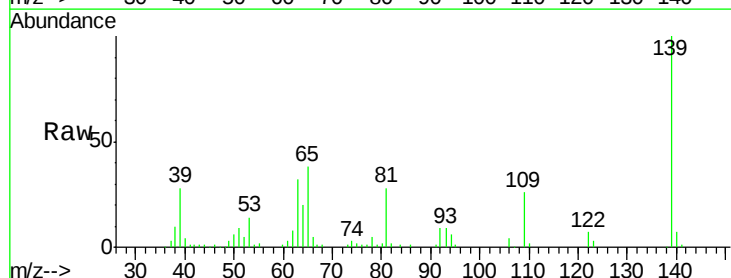
Tgt Ion: 139 Resp: 84919

Ion Ratio Lower Upper

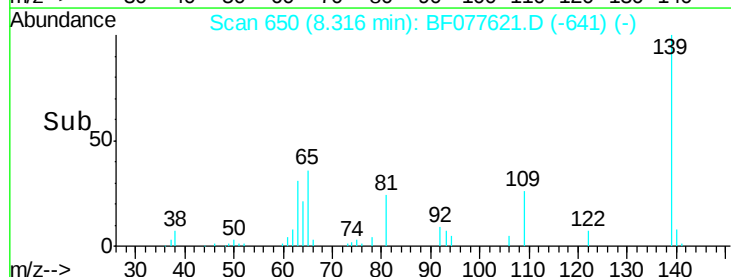
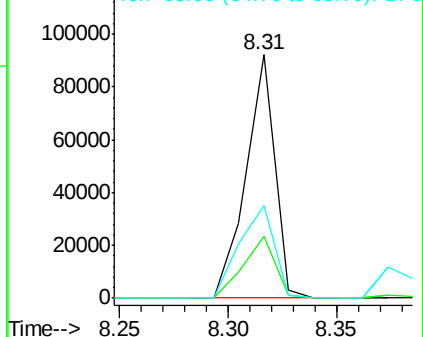
139 100

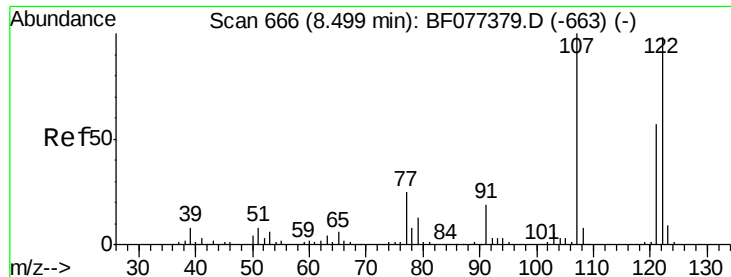
109 25.7 22.6 34.0

65 37.8 36.4 54.6



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

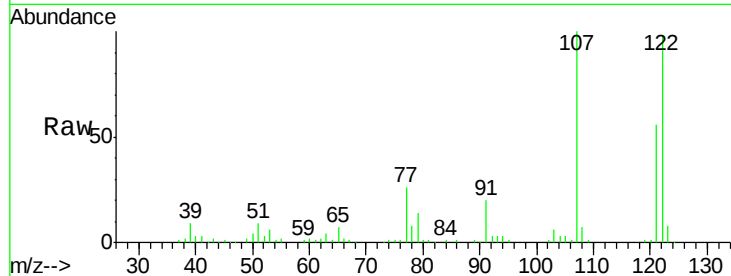




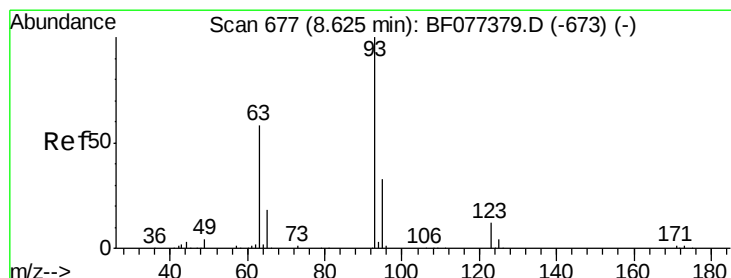
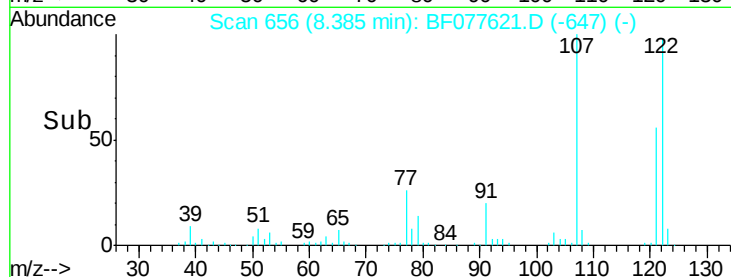
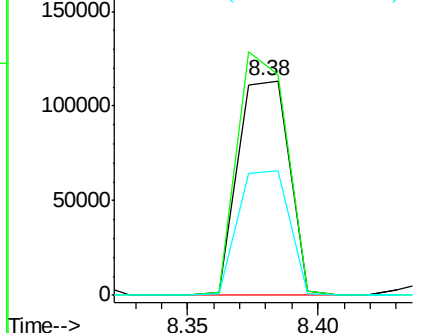
#27
2,4-Dimethylphenol
Concen: 39.06 ng
RT: 8.38 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF077621.D
Acq: 6 Mar 2015 14:52

Instrument :
BNA_F
ClientSampleId :
PB81936BS

Tgt Ion: 122 Resp: 156778
Ion Ratio Lower Upper
122 100
107 102.5 86.6 130.0
121 57.8 47.4 71.0

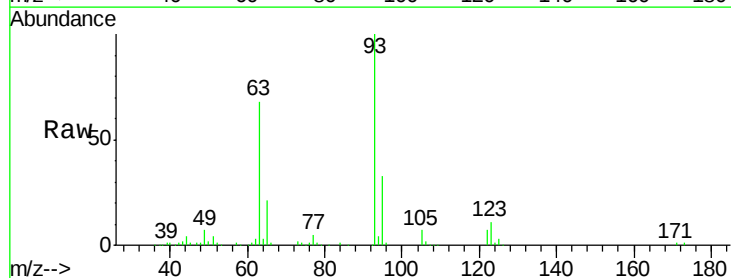


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

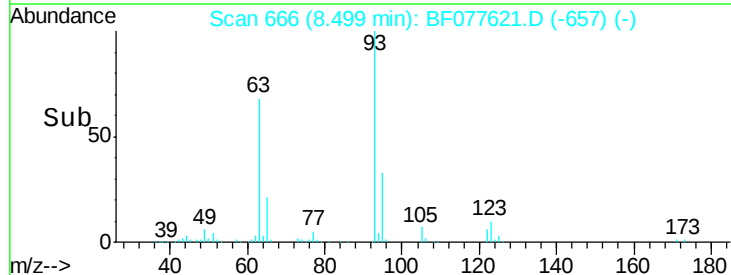
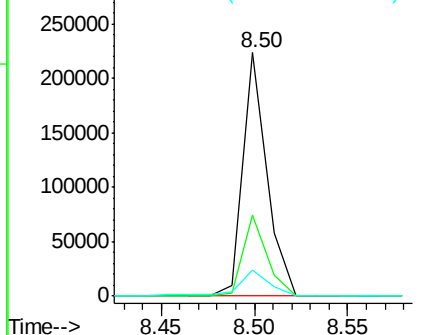


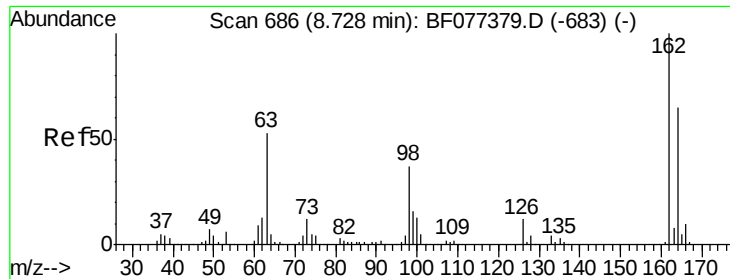
#28
bis(2-Chloroethoxy)methane
Concen: 38.51 ng
RT: 8.50 min Scan# 666
Delta R.T. -0.00 min
Lab File: BF077621.D
Acq: 6 Mar 2015 14:52

Tgt Ion: 93 Resp: 200766
Ion Ratio Lower Upper
93 100
95 33.1 26.4 39.6
123 10.6 8.7 13.1



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

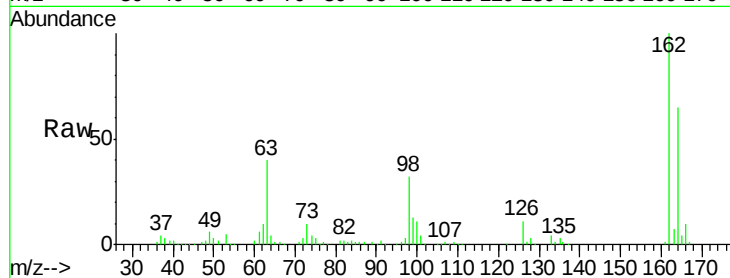




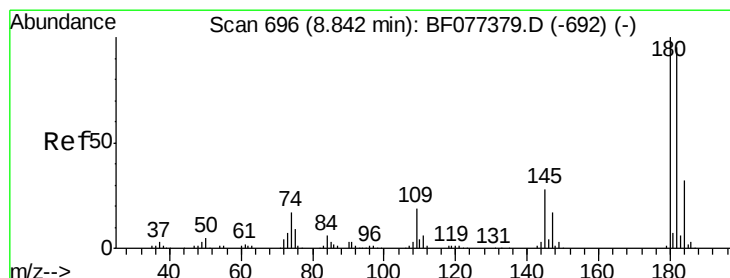
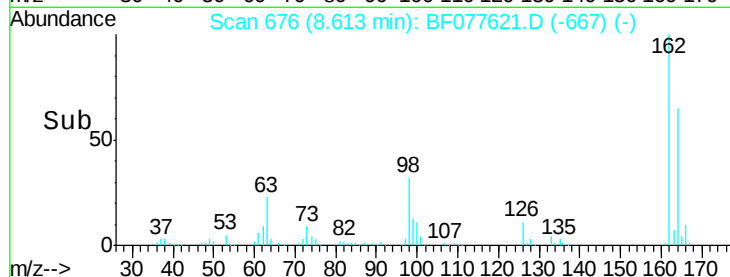
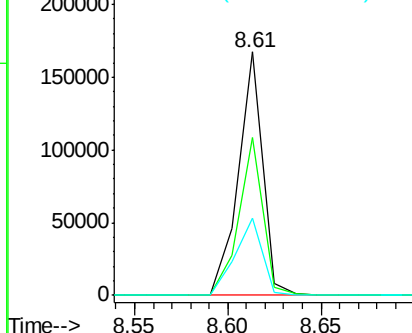
#29
 2,4-Dichlorophenol
 Concen: 40.65 ng
 RT: 8.61 min Scan# 676
 Delta R.T. -0.00 min
 Lab File: BF077621.D
 Acq: 6 Mar 2015 14:52

Instrument :
 BNA_F
 ClientSampleId :
 PB81936BS

Tgt Ion:162 Resp: 153166
 Ion Ratio Lower Upper
 162 100
 164 65.0 46.4 86.4
 98 31.5 6.9 46.9

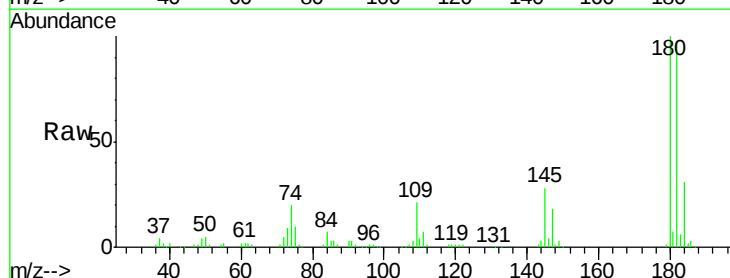


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

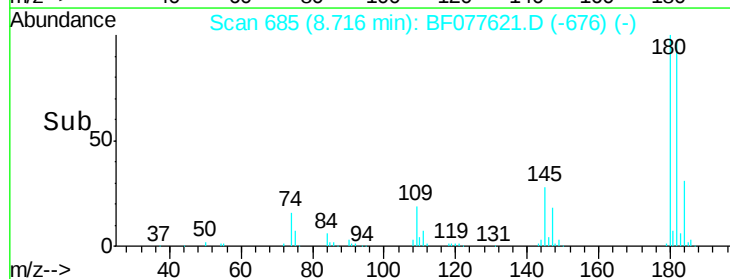
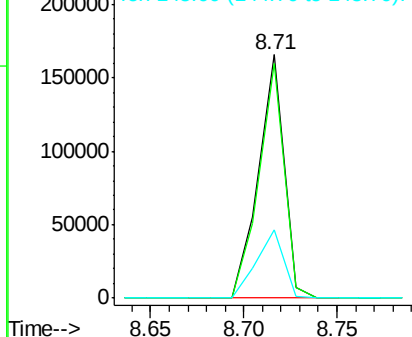


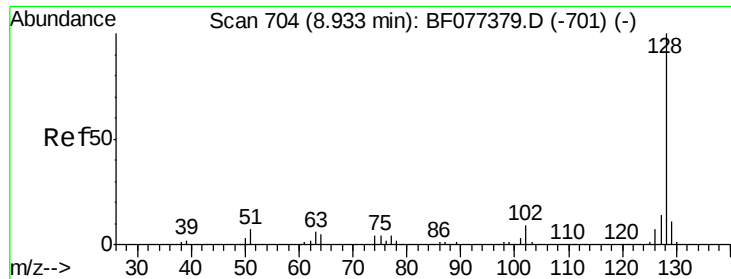
#30
 1,2,4-Trichlorobenzene
 Concen: 37.87 ng
 RT: 8.71 min Scan# 685
 Delta R.T. -0.00 min
 Lab File: BF077621.D
 Acq: 6 Mar 2015 14:52

Tgt Ion:180 Resp: 156839
 Ion Ratio Lower Upper
 180 100
 182 96.5 76.2 114.4
 145 28.2 24.5 36.7



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

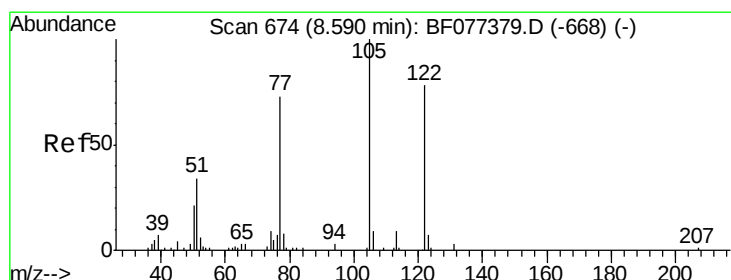
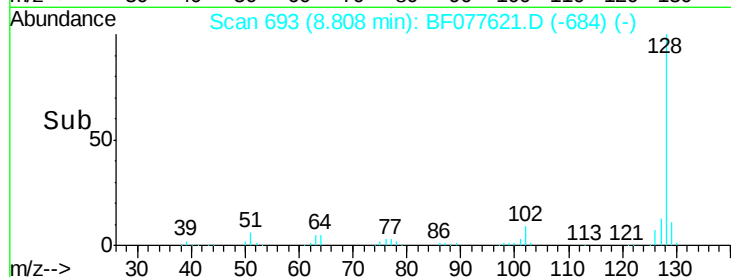
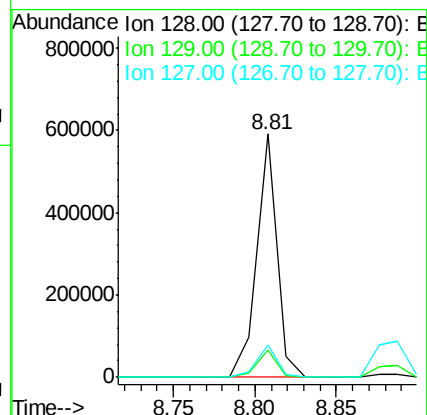
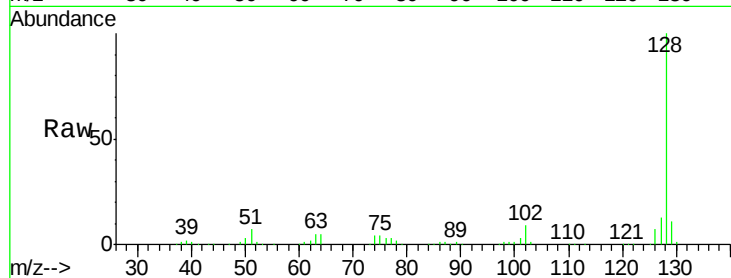




#31
Naphthalene
Concen: 39.41 ng
RT: 8.81 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF077621.D
Acq: 6 Mar 2015 14:52

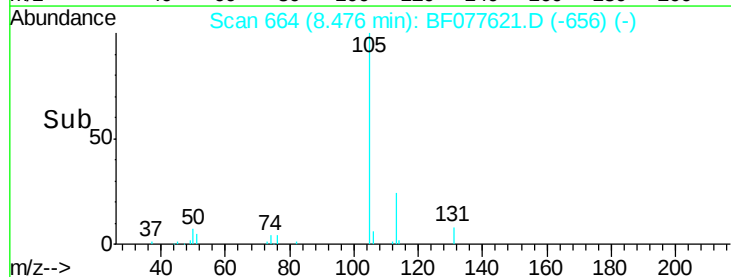
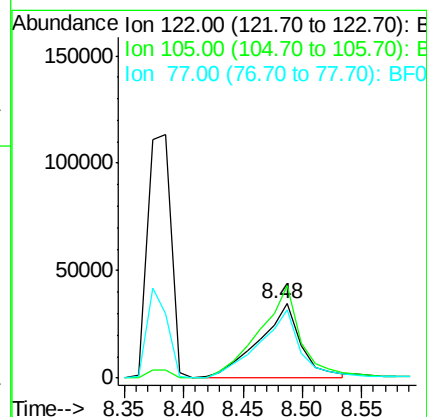
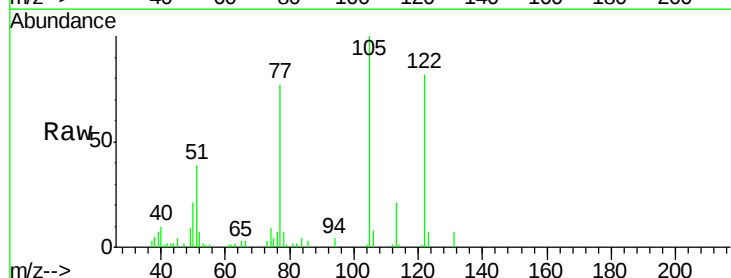
Instrument :
BNA_F
ClientSampleId :
PB81936BS

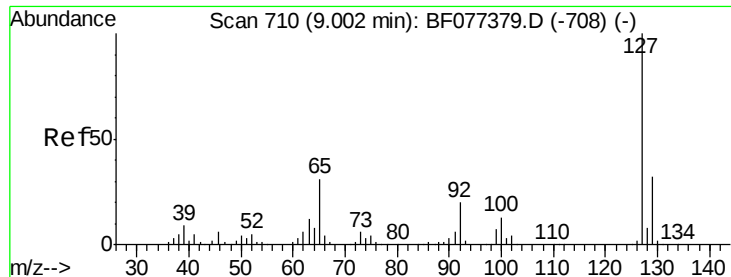
Tgt Ion:128 Resp: 509850
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.0
127 13.1 10.6 15.8



#32
Benzoic acid
Concen: 42.62 ng
RT: 8.48 min Scan# 664
Delta R.T. -0.00 min
Lab File: BF077621.D
Acq: 6 Mar 2015 14:52

Tgt Ion:122 Resp: 83125
Ion Ratio Lower Upper
122 100
105 121.8 100.3 140.3
77 93.3 68.7 108.7

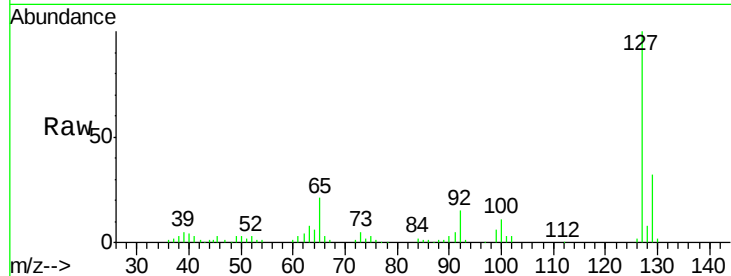




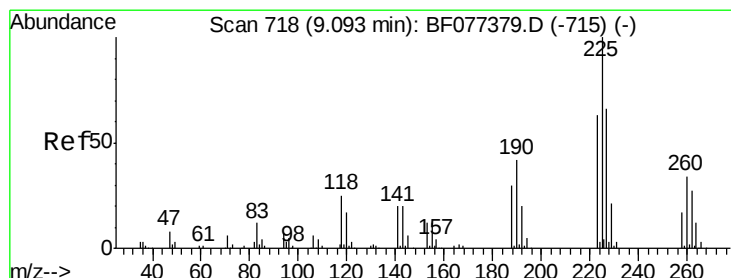
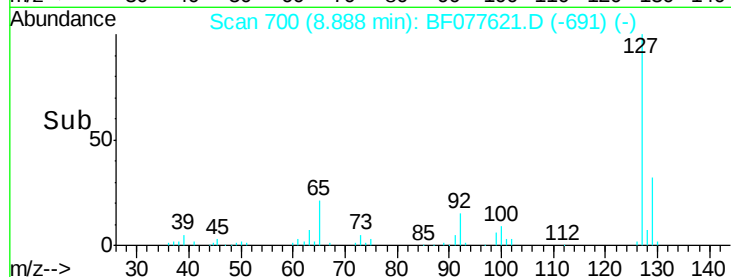
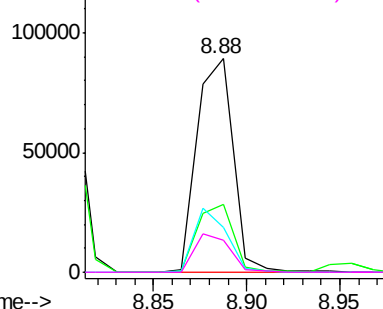
#33
4-Chloroaniline
Concen: 21.11 ng
RT: 8.88 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF077621.D
Acq: 6 Mar 2015 14:52

Instrument :
BNA_F
ClientSampleId :
PB81936BS

Tgt Ion:	127	Resp:	121439
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.9	40.3
65	21.3	16.7	25.1
92	15.2	12.5	18.7

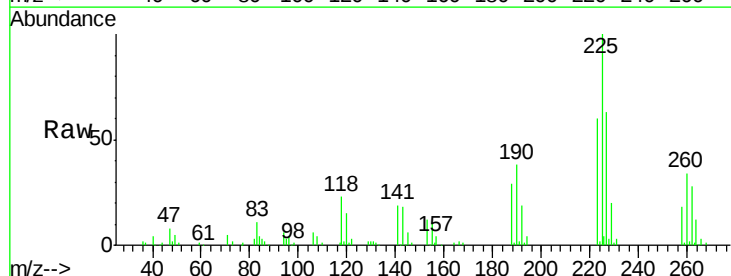


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

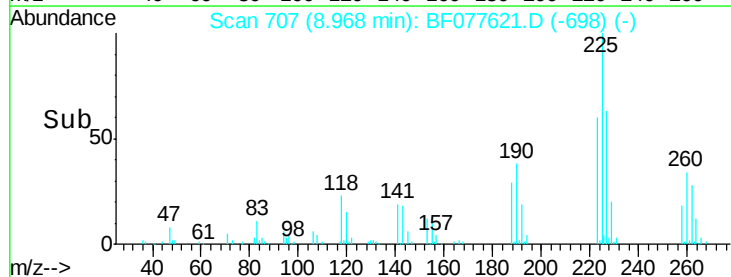
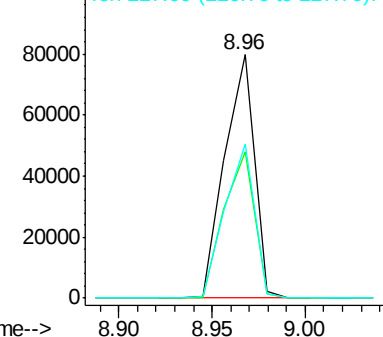


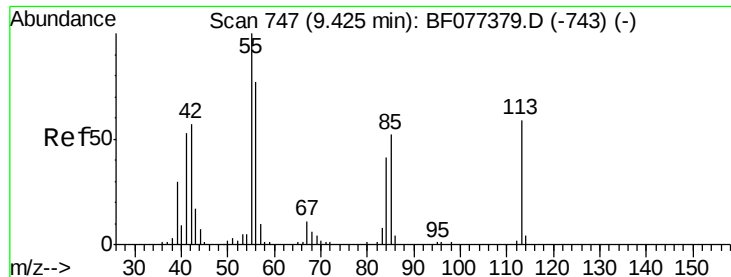
#34
Hexachlorobutadiene
Concen: 37.05 ng
RT: 8.96 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF077621.D
Acq: 6 Mar 2015 14:52

Tgt Ion:	225	Resp:	87612
Ion	Ratio	Lower	Upper
225	100		
223	60.0	49.5	74.3
227	63.2	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

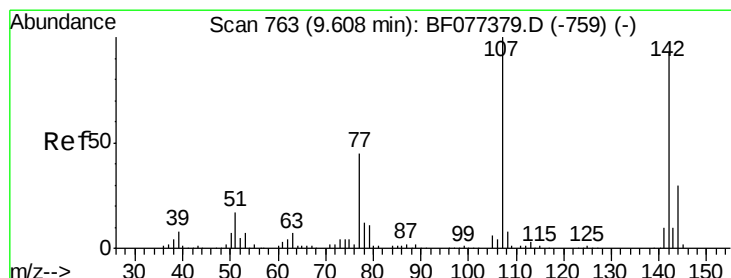
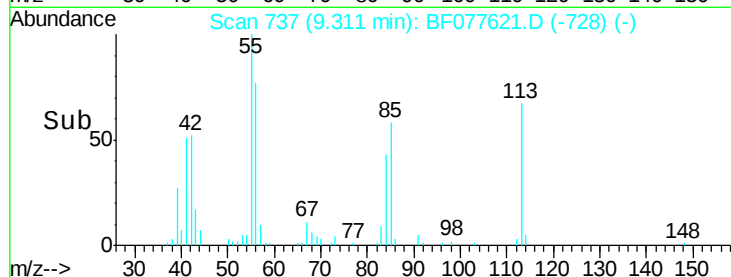
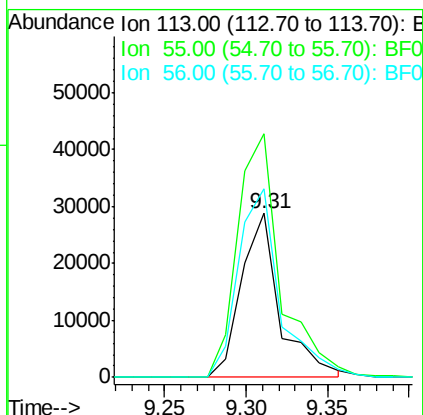
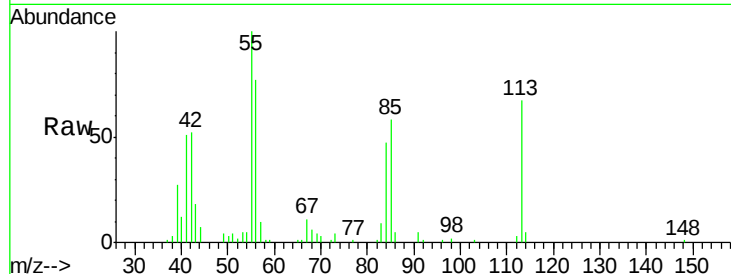




#35
 Caprolactam
 Concen: 41.14 ng
 RT: 9.31 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BF077621.D
 Acq: 6 Mar 2015 14:52

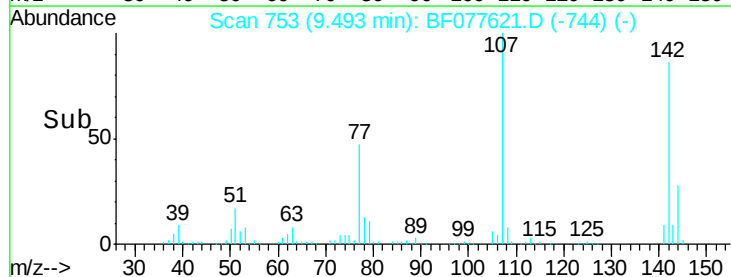
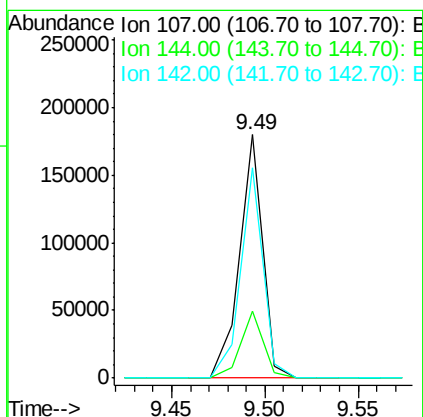
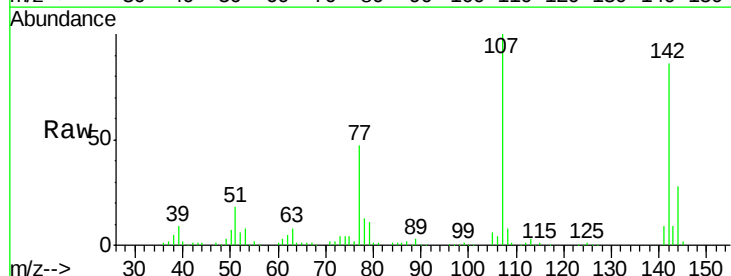
Instrument :
 BNA_F
 ClientSampleID :
 PB81936BS

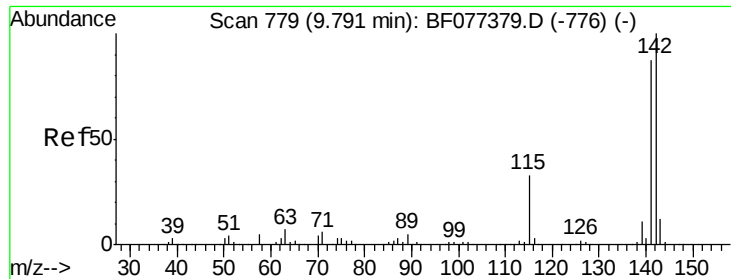
Tgt Ion:113 Resp: 47322
 Ion Ratio Lower Upper
 113 100
 55 148.3 154.6 194.6#
 56 114.7 114.0 154.0



#36
 4-Chloro-3-methylphenol
 Concen: 41.62 ng
 RT: 9.49 min Scan# 753
 Delta R.T. 0.00 min
 Lab File: BF077621.D
 Acq: 6 Mar 2015 14:52

Tgt Ion:107 Resp: 157644
 Ion Ratio Lower Upper
 107 100
 144 27.5 21.1 31.7
 142 86.2 65.3 97.9

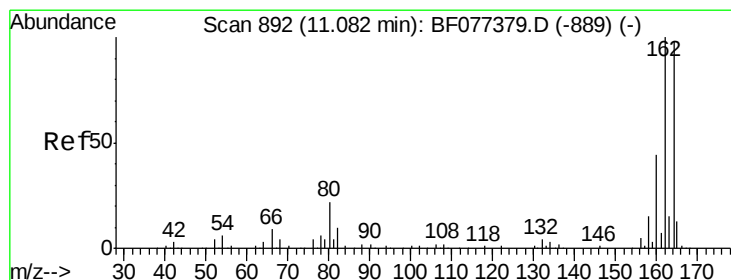
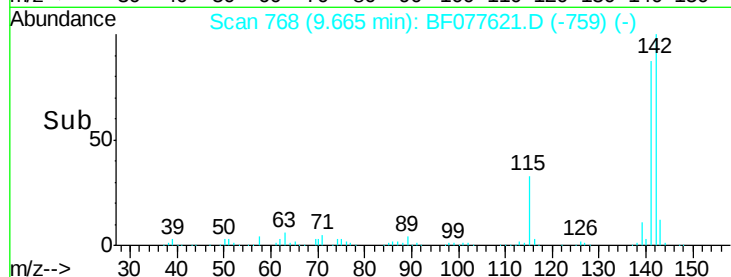
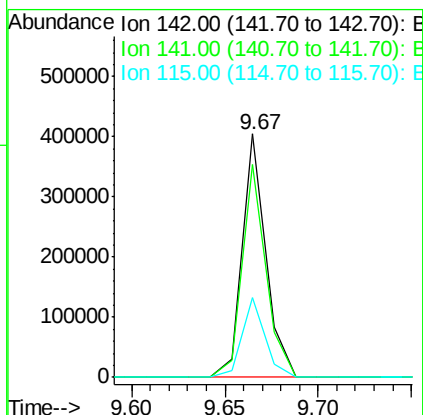
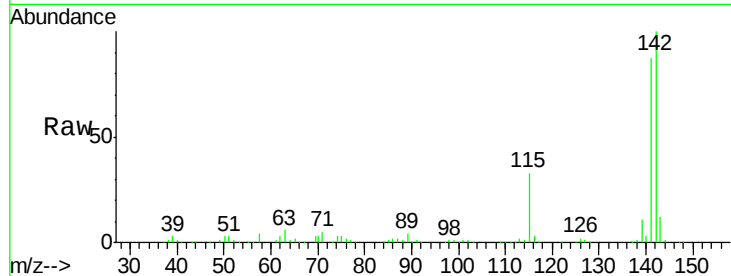




#37
2-Methylnaphthalene
Concen: 38.96 ng
RT: 9.67 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF077621.D
Acq: 6 Mar 2015 14:52

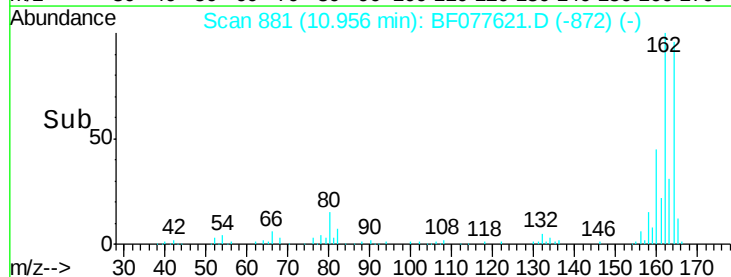
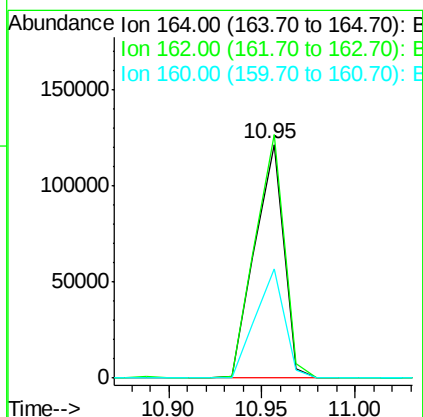
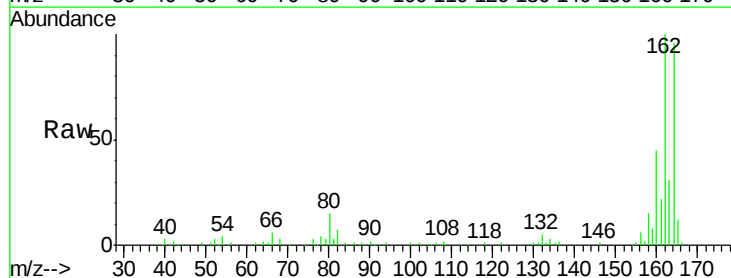
Instrument :
BNA_F
ClientSampleId :
PB81936BS

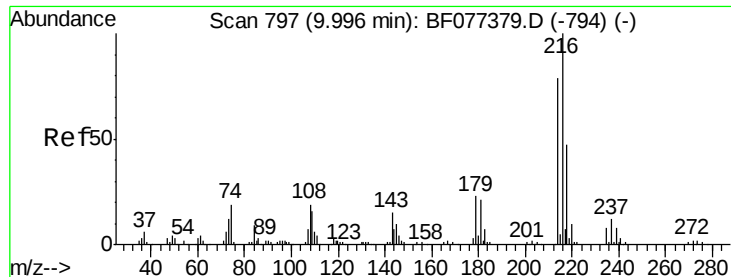
Tgt Ion:142 Resp: 357956
Ion Ratio Lower Upper
142 100
141 87.3 70.7 106.1
115 32.9 24.2 36.4



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.95 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF077621.D
Acq: 6 Mar 2015 14:52

Tgt Ion:164 Resp: 130440
Ion Ratio Lower Upper
164 100
162 104.2 83.2 124.8
160 46.6 34.6 52.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.40 ng

RT: 9.87 min Scan# 786

Delta R.T. 0.00 min

Lab File: BF077621.D

Acq: 6 Mar 2015 14:52

Instrument :

BNA_F

ClientSampleId :

PB81936BS

Tgt Ion:216 Resp: 151196

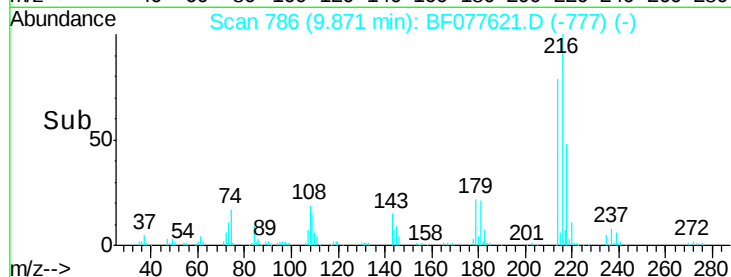
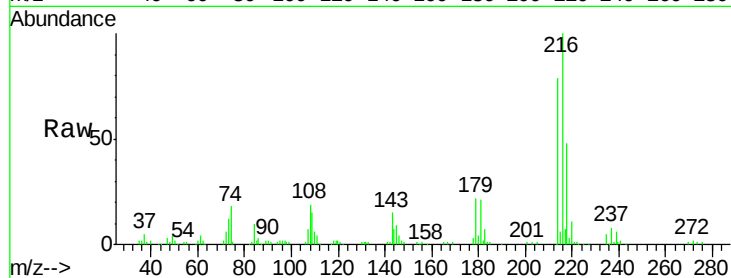
Ion Ratio Lower Upper

216 100

214 77.9 63.4 95.0

179 21.5 16.6 25.0

108 21.8 14.2 21.4#

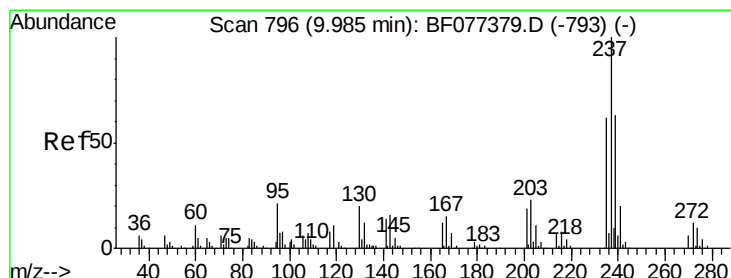
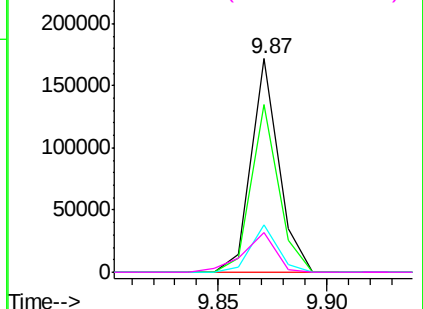


Abundance Ion 216.00 (215.70 to 216.70): E

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: 77.06 ng

RT: 9.86 min Scan# 785

Delta R.T. 0.00 min

Lab File: BF077621.D

Acq: 6 Mar 2015 14:52

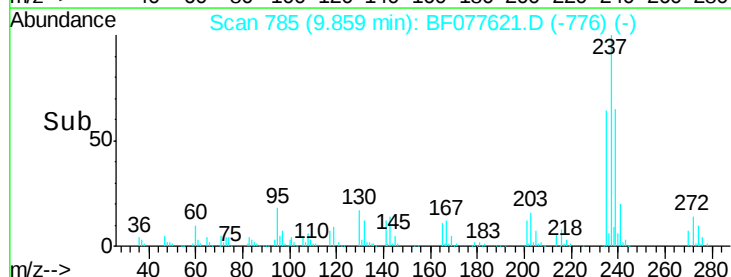
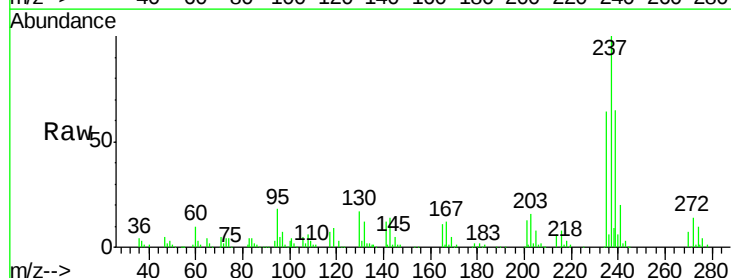
Tgt Ion:237 Resp: 154655

Ion Ratio Lower Upper

237 100

235 64.0 41.0 81.0

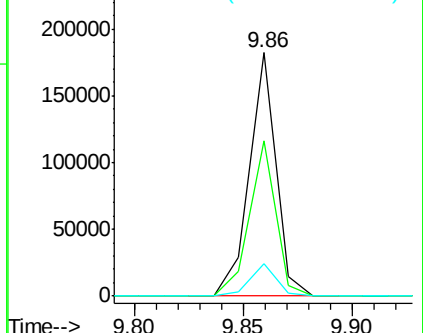
272 13.6 0.0 34.3

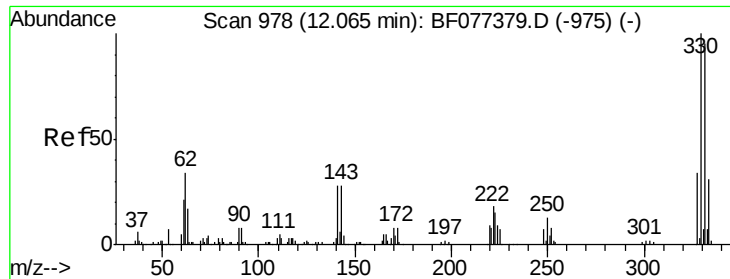


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

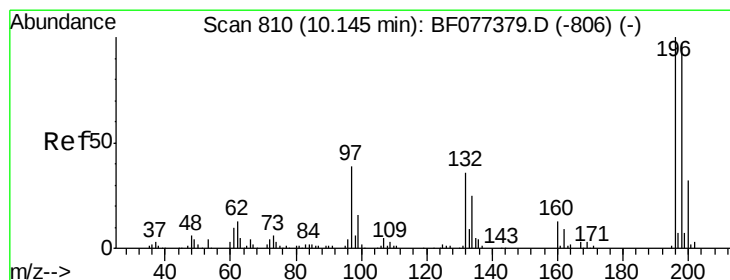
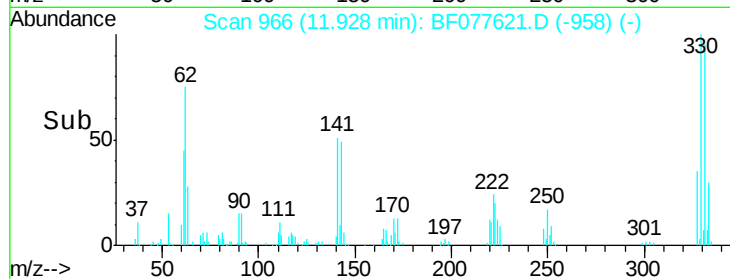
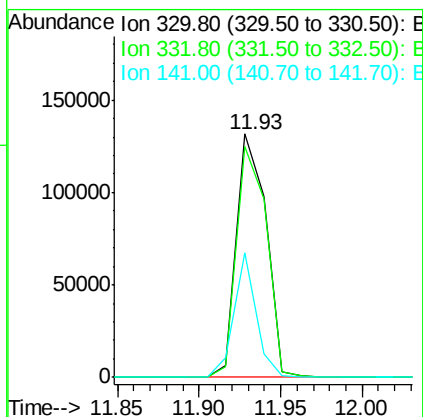
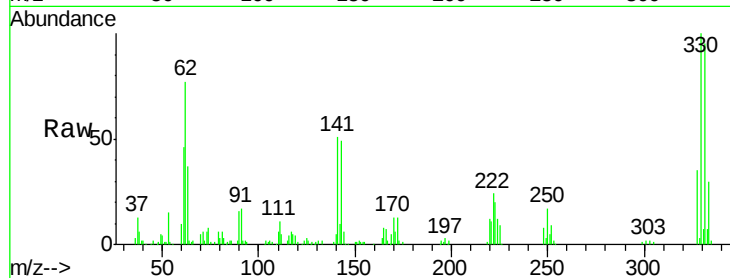




#41
 2,4,6-Tribromophenol
 Concen: 131.52 ng
 RT: 11.93 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: BF077621.D
 Acq: 6 Mar 2015 14:52

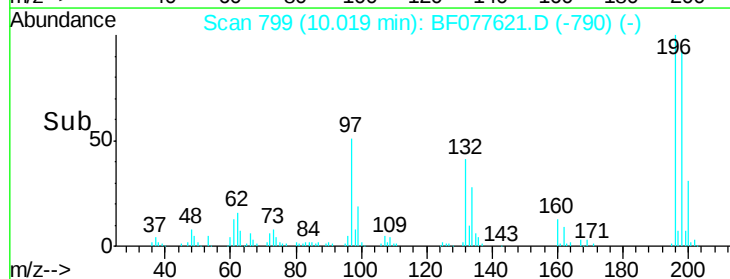
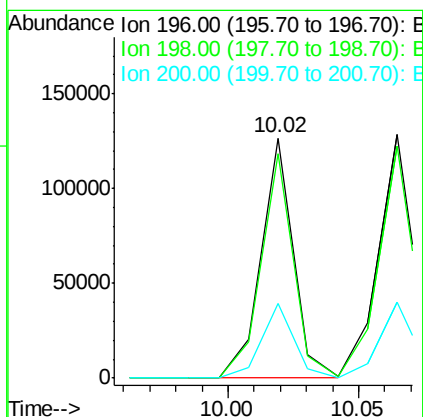
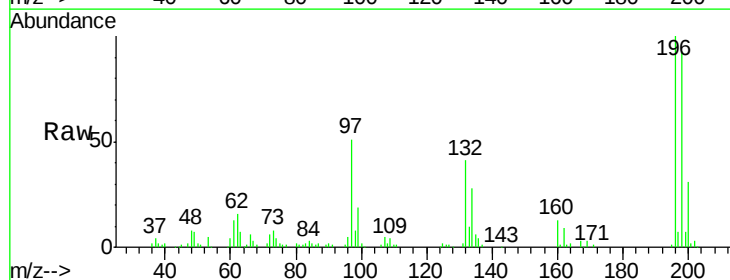
Instrument :
 BNA_F
 ClientSampleId :
 PB81936BS

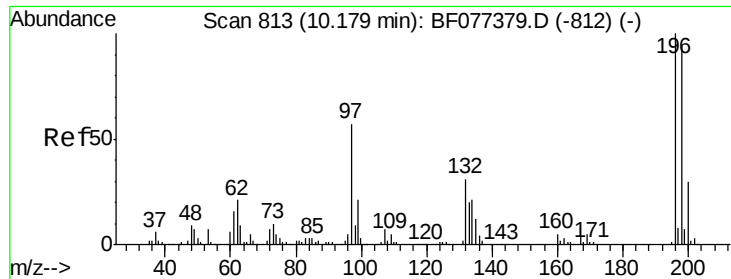
Tgt Ion:330 Resp: 165180
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.2
 141 38.0 28.8 43.2



#42
 2,4,6-Trichlorophenol
 Concen: 44.30 ng
 RT: 10.02 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF077621.D
 Acq: 6 Mar 2015 14:52

Tgt Ion:196 Resp: 109789
 Ion Ratio Lower Upper
 196 100
 198 93.3 75.8 113.8
 200 30.9 24.2 36.4

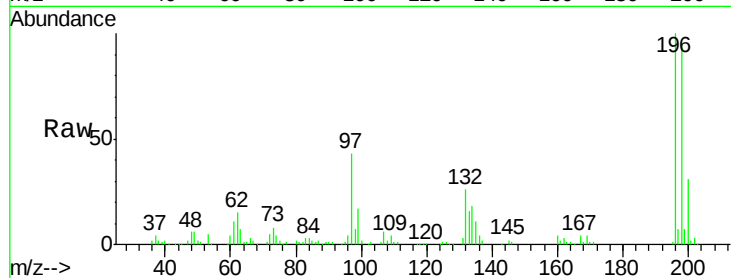




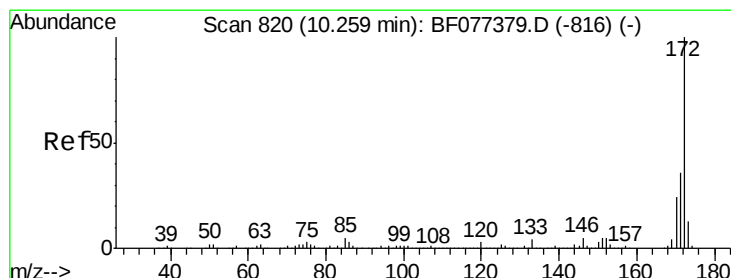
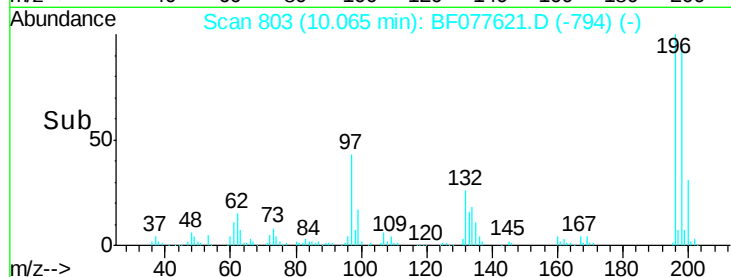
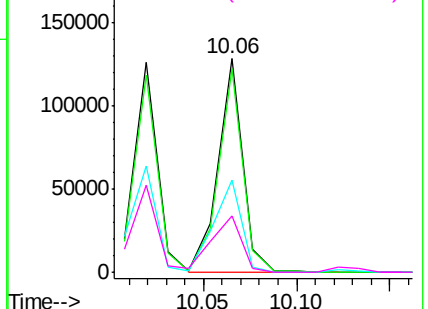
#43
 2,4,5-Trichlorophenol
 Concen: 44.76 ng
 RT: 10.06 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF077621.D
 Acq: 6 Mar 2015 14:52

Instrument :
 BNA_F
 ClientSampleId :
 PB81936BS

Tgt Ion:196 Resp: 118644
 Ion Ratio Lower Upper
 196 100
 198 95.2 77.2 115.8
 97 43.2 27.7 41.5#
 132 26.5 18.0 27.0

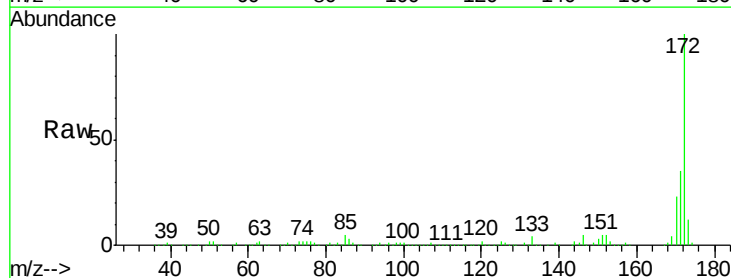


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

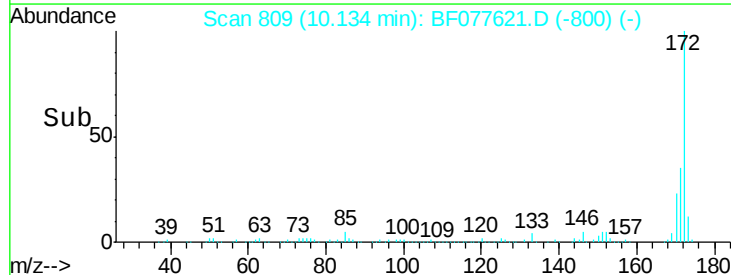
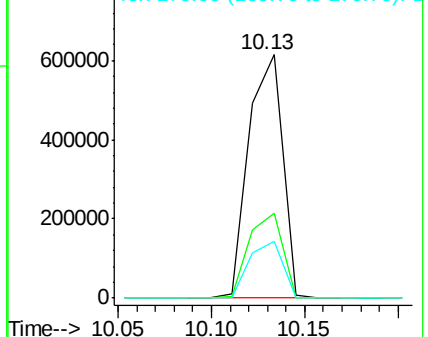


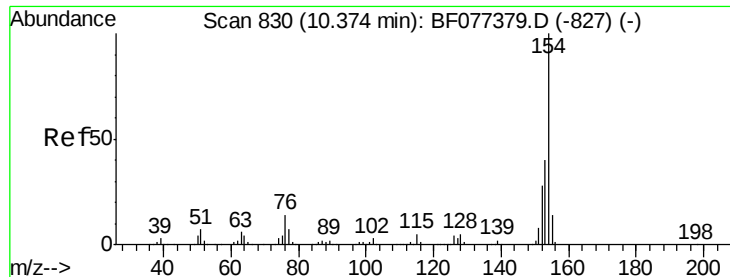
#44
 2-Fluorobiphenyl
 Concen: 92.29 ng
 RT: 10.13 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF077621.D
 Acq: 6 Mar 2015 14:52

Tgt Ion:172 Resp: 772054
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.9 43.3
 170 23.4 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

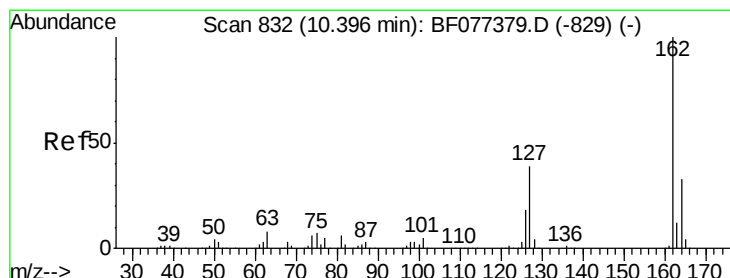
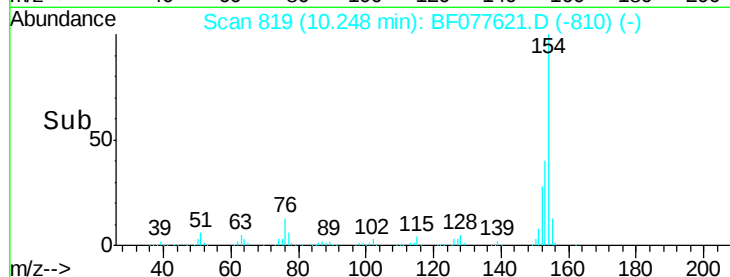
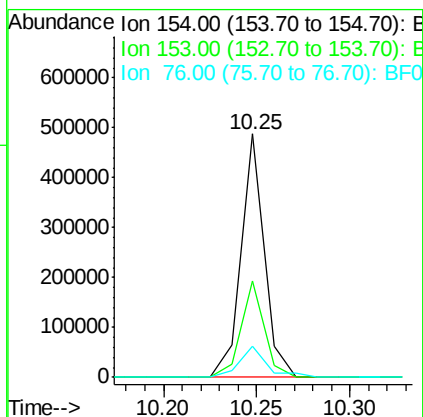
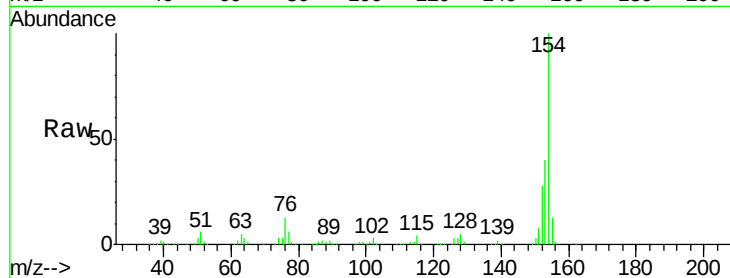




#45
 1,1'-Biphenyl
 Concen: 42.70 ng
 RT: 10.25 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF077621.D
 Acq: 6 Mar 2015 14:52

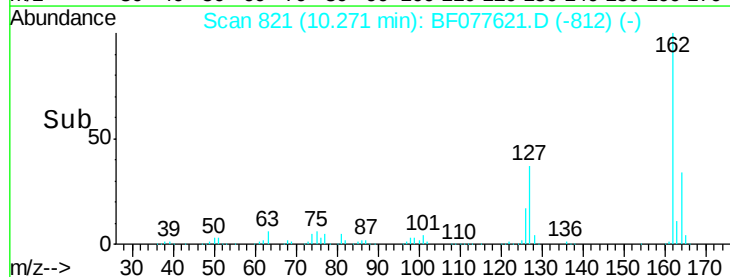
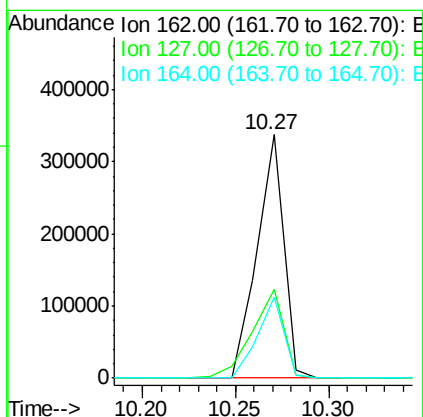
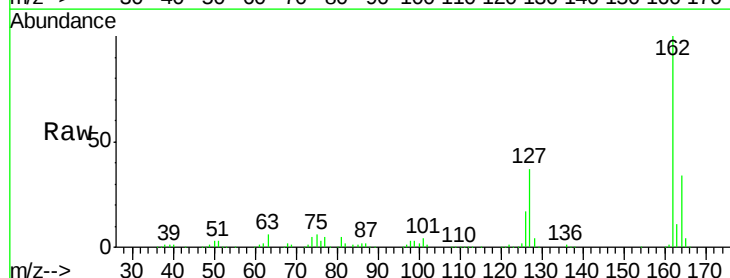
Instrument :
 BNA_F
 ClientSampleId :
 PB81936BS

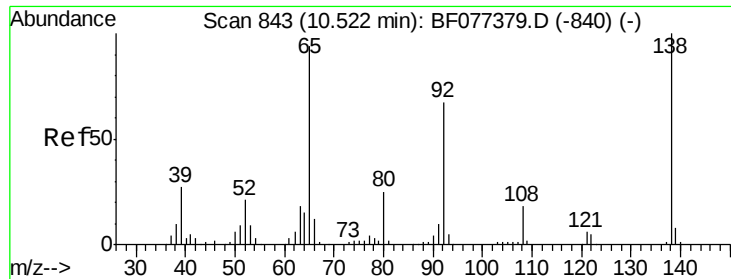
Tgt Ion:154 Resp: 421952
 Ion Ratio Lower Upper
 154 100
 153 39.6 20.2 60.2
 76 12.6 0.0 29.4



#46
 2-Chloronaphthalene
 Concen: 43.09 ng
 RT: 10.27 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF077621.D
 Acq: 6 Mar 2015 14:52

Tgt Ion:162 Resp: 333994
 Ion Ratio Lower Upper
 162 100
 127 36.7 33.3 49.9
 164 33.6 26.2 39.4

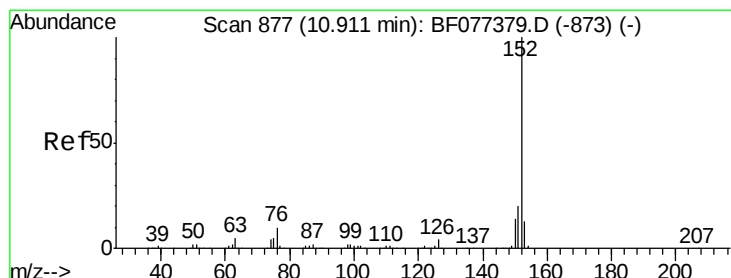
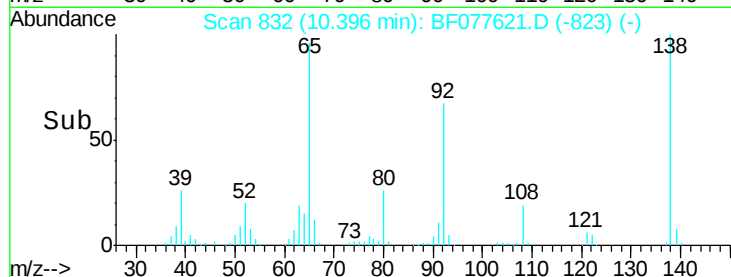
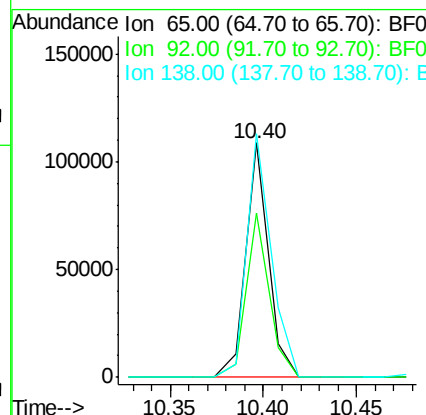
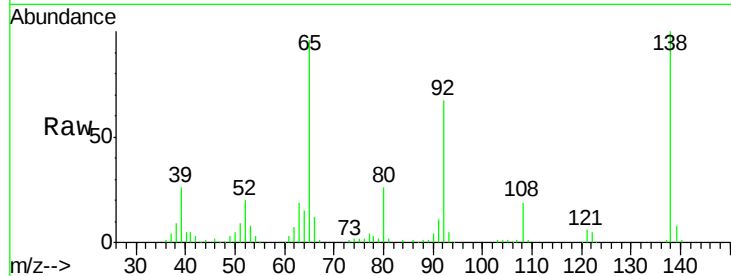




#47
 2-Nitroaniline
 Concen: 48.82 ng
 RT: 10.40 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF077621.D
 Acq: 6 Mar 2015 14:52

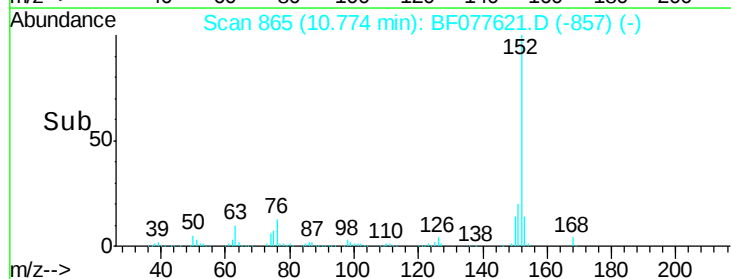
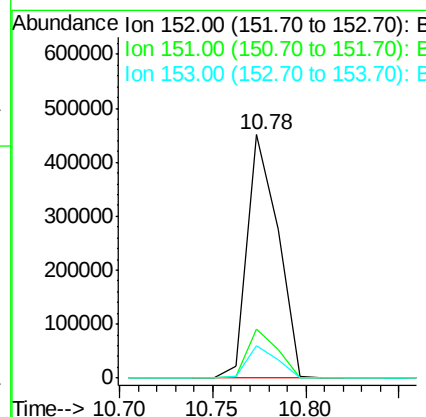
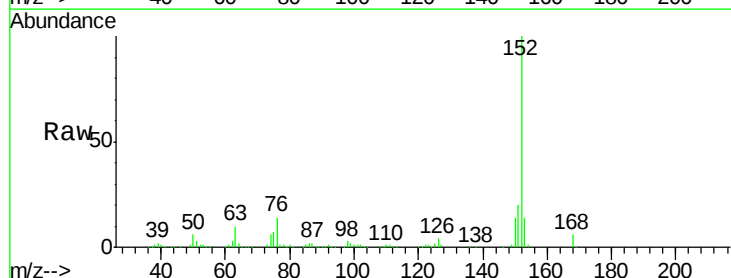
Instrument :
 BNA_F
 ClientSampleId :
 PB81936BS

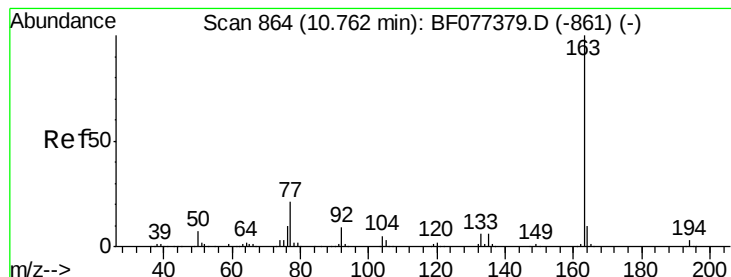
Tgt Ion: 65 Resp: 93148
 Ion Ratio Lower Upper
 65 100
 92 69.9 52.4 78.6
 138 103.8 73.4 110.0



#48
 Acenaphthylene
 Concen: 41.99 ng
 RT: 10.78 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: BF077621.D
 Acq: 6 Mar 2015 14:52

Tgt Ion: 152 Resp: 515228
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.1 24.1
 153 13.6 10.9 16.3





#49

Dimethylphthalate

Concen: 42.02 ng

RT: 10.64 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF077621.D

Acq: 6 Mar 2015 14:52

Instrument :

BNA_F

ClientSampleId :

PB81936BS

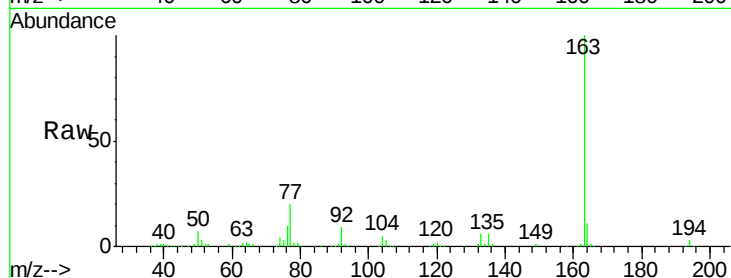
Tgt Ion:163 Resp: 385245

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

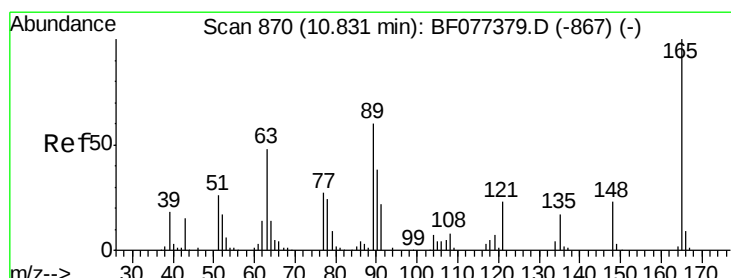
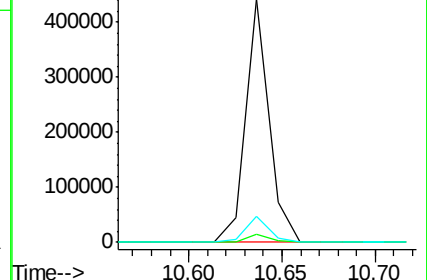
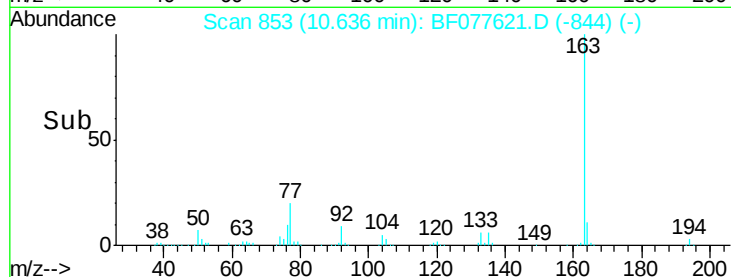
164 10.7 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 45.17 ng

RT: 10.71 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF077621.D

Acq: 6 Mar 2015 14:52

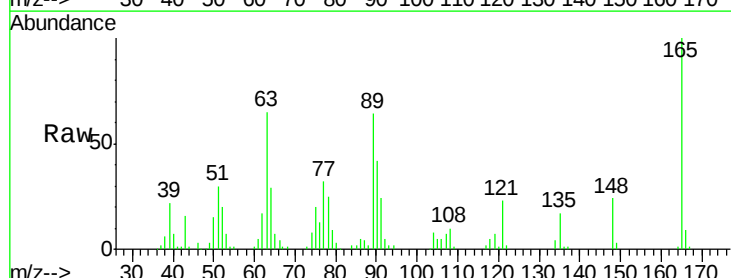
Tgt Ion:165 Resp: 83051

Ion Ratio Lower Upper

165 100

63 65.1 25.2 37.8#

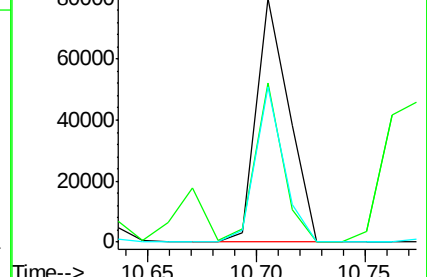
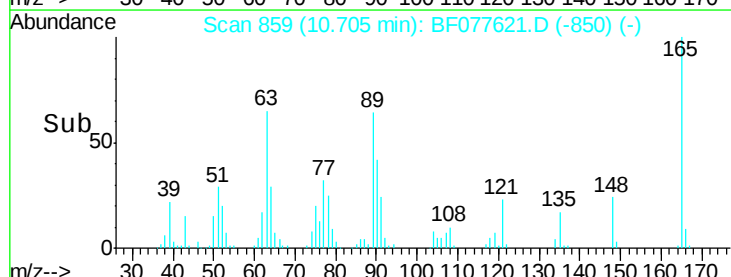
89 63.9 30.5 45.7#

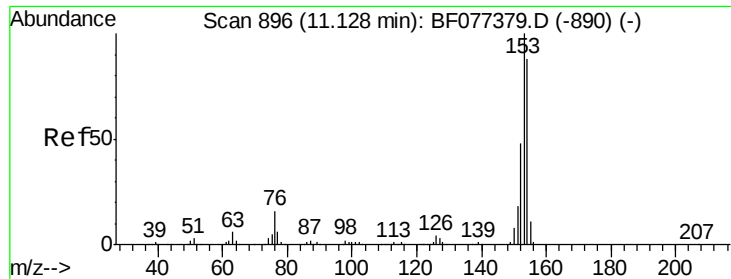


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

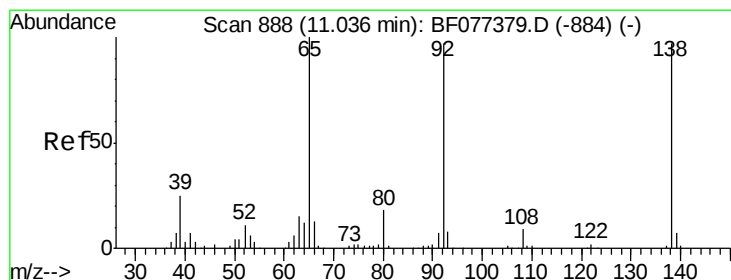
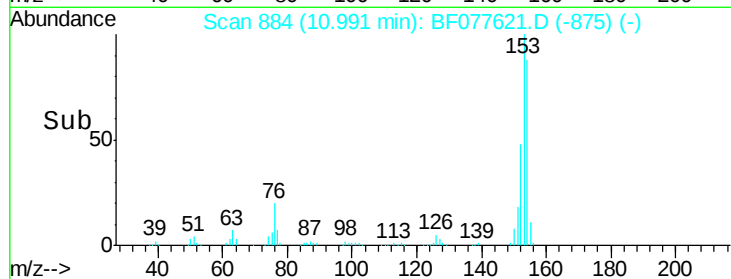
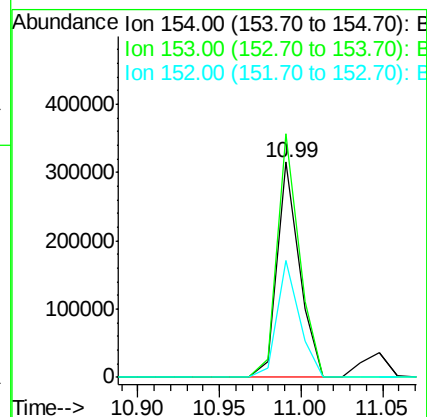
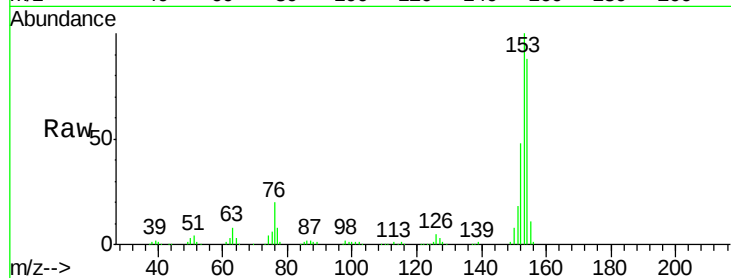




#51
Acenaphthene
Concen: 41.21 ng
RT: 10.99 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF077621.D
Acq: 6 Mar 2015 14:52

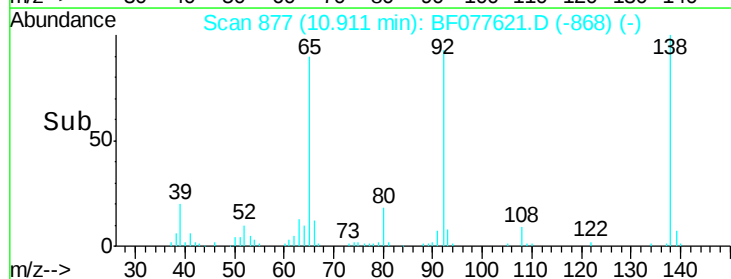
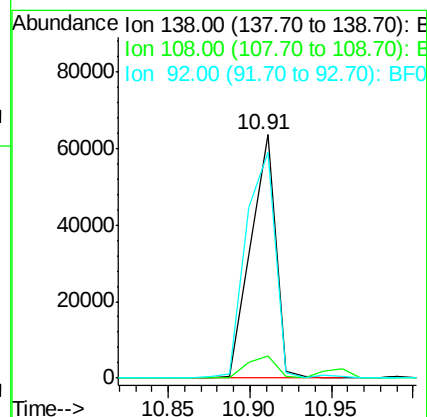
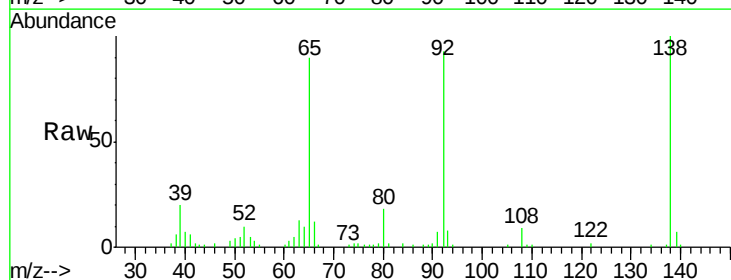
Instrument :
BNA_F
ClientSampleId :
PB81936BS

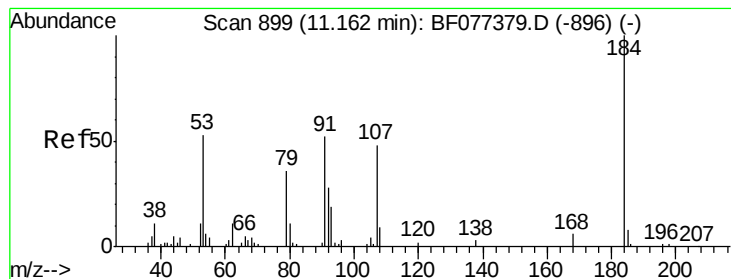
Tgt Ion:154 Resp: 301756
Ion Ratio Lower Upper
154 100
153 113.1 90.5 135.7
152 54.1 43.5 65.3



#52
3-Nitroaniline
Concen: 31.85 ng
RT: 10.91 min Scan# 877
Delta R.T. -0.00 min
Lab File: BF077621.D
Acq: 6 Mar 2015 14:52

Tgt Ion:138 Resp: 67516
Ion Ratio Lower Upper
138 100
108 9.3 7.8 11.8
92 92.8 90.6 135.8





#53

2,4-Dinitrophenol

Concen: 115.17 ng

RT: 11.05 min Scan# 889

Delta R.T. 0.00 min

Lab File: BF077621.D

Acq: 6 Mar 2015 14:52

Instrument :

BNA_F

ClientSampleId :

PB81936BS

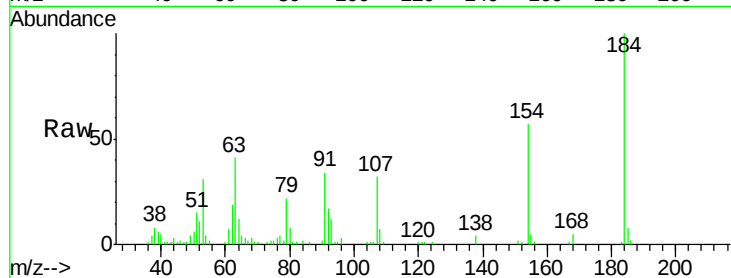
Tgt Ion:184 Resp: 64440

Ion Ratio Lower Upper

184 100

63 40.9 29.5 44.3

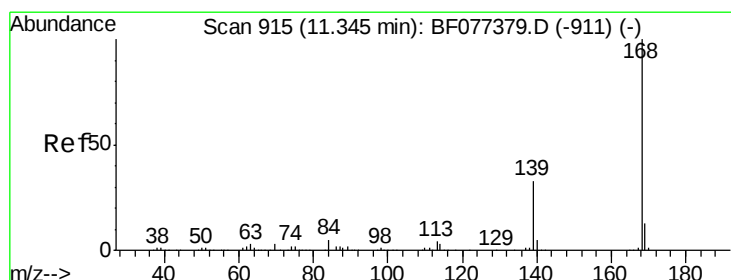
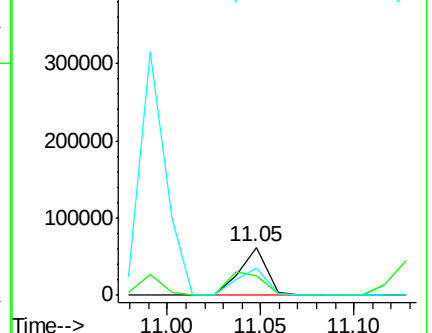
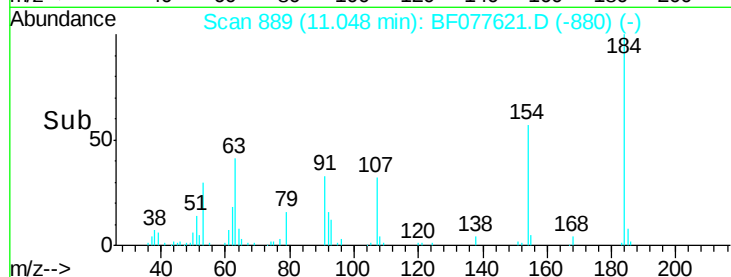
154 57.5 43.2 64.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 42.06 ng

RT: 11.21 min Scan# 903

Delta R.T. 0.00 min

Lab File: BF077621.D

Acq: 6 Mar 2015 14:52

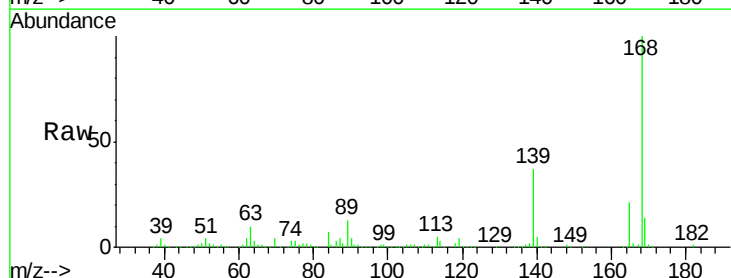
Tgt Ion:168 Resp: 475433

Ion Ratio Lower Upper

168 100

139 37.4 29.3 43.9

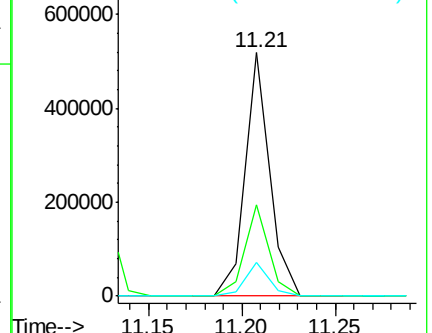
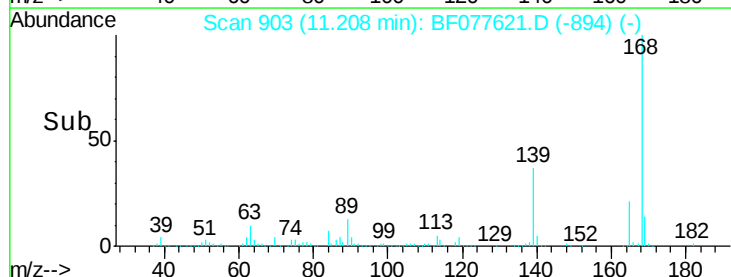
169 13.7 10.9 16.3

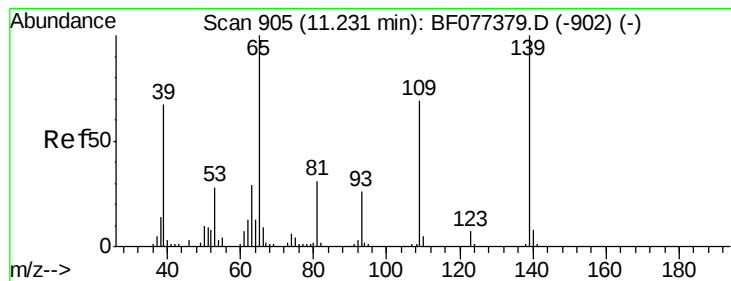


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 92.70 ng

RT: 11.13 min Scan# 896

Delta R.T. 0.00 min

Lab File: BF077621.D

Acq: 6 Mar 2015 14:52

Instrument :

BNA_F

ClientSampleId :

PB81936BS

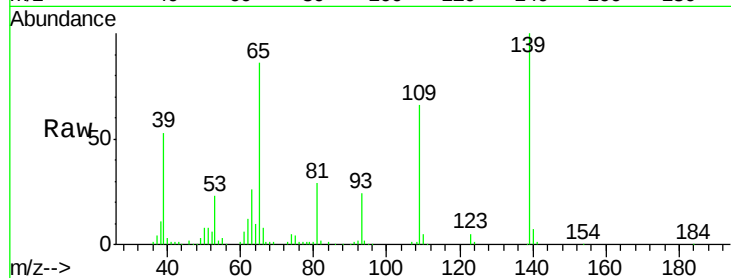
Tgt Ion:139 Resp: 158068

Ion Ratio Lower Upper

139 100

109 66.4 36.2 76.2

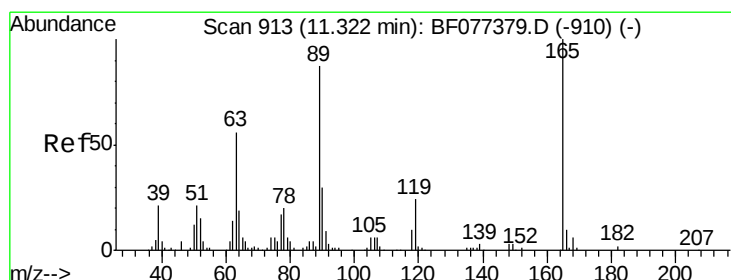
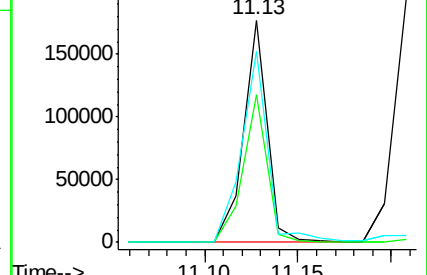
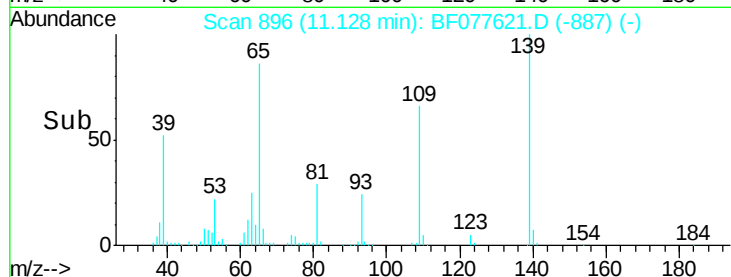
65 85.8 40.3 80.3#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 46.54 ng

RT: 11.20 min Scan# 903

Delta R.T. 0.00 min

Lab File: BF077621.D

Acq: 6 Mar 2015 14:52

Tgt Ion:165 Resp: 115625

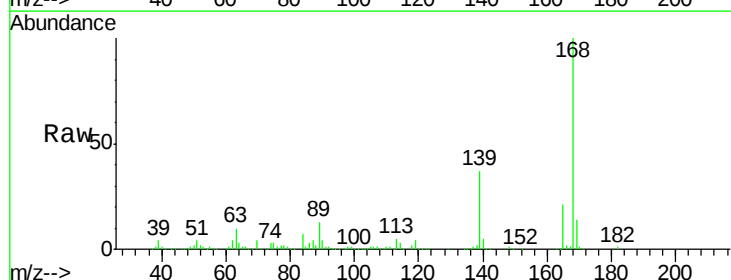
Ion Ratio Lower Upper

165 100

63 49.4 29.8 44.8#

89 63.7 48.5 72.7

182 2.6 1.9 2.9

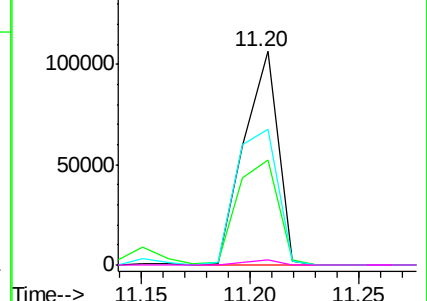
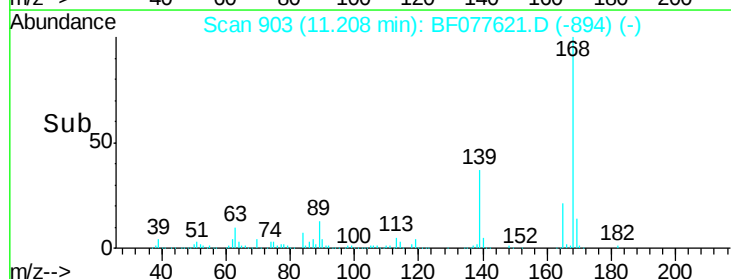


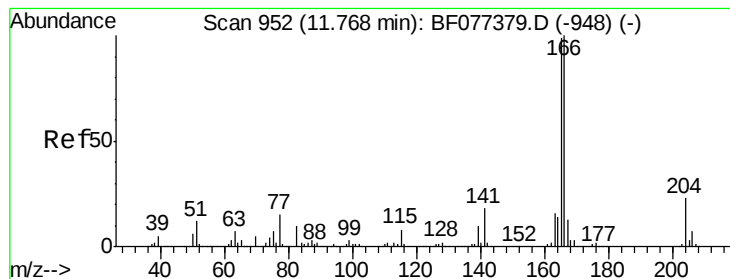
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 43.09 ng

RT: 11.63 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF077621.D

Acq: 6 Mar 2015 14:52

Instrument :

BNA_F

ClientSampleId :

PB81936BS

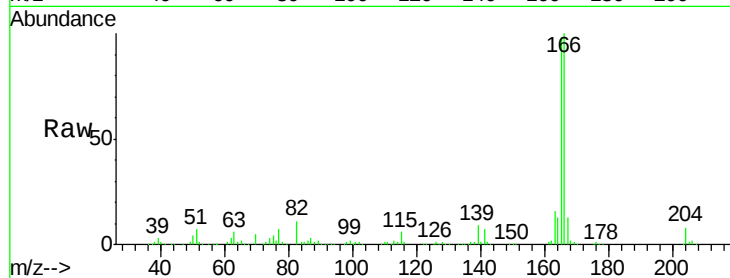
Tgt Ion:166 Resp: 389450

Ion Ratio Lower Upper

166 100

165 98.1 77.6 116.4

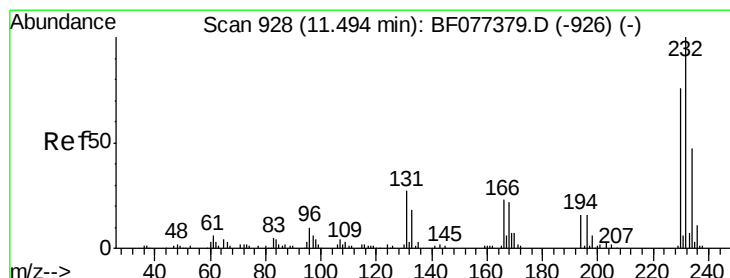
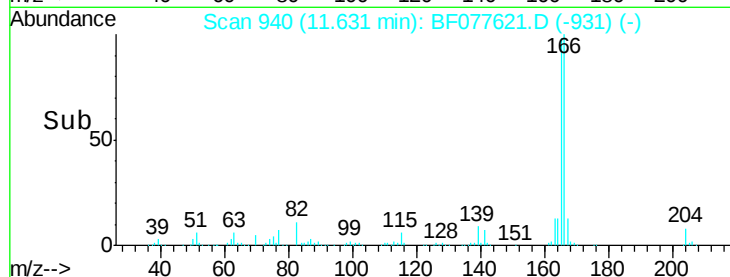
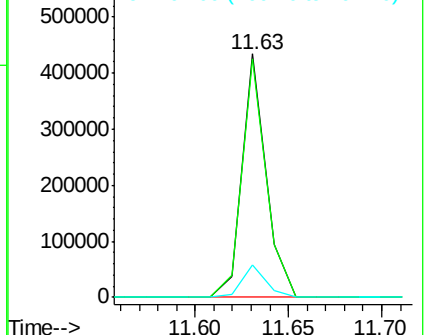
167 13.4 10.6 16.0



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: 42.95 ng

RT: 11.36 min Scan# 916

Delta R.T. 0.00 min

Lab File: BF077621.D

Acq: 6 Mar 2015 14:52

Tgt Ion:232 Resp: 91506

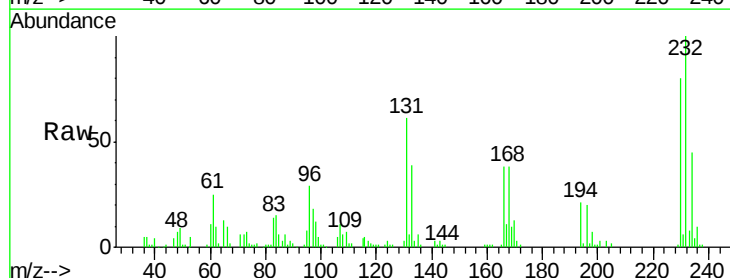
Ion Ratio Lower Upper

232 100

131 47.7 34.2 51.2

130 2.3 1.8 2.6

166 32.7 24.3 36.5

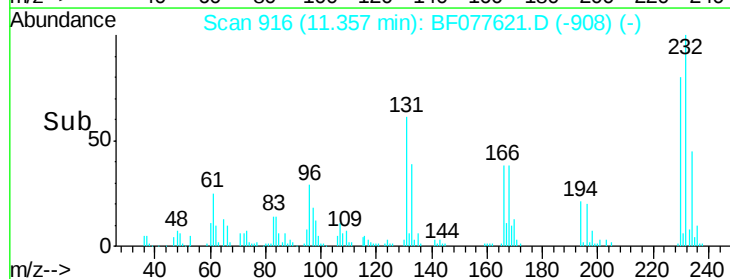
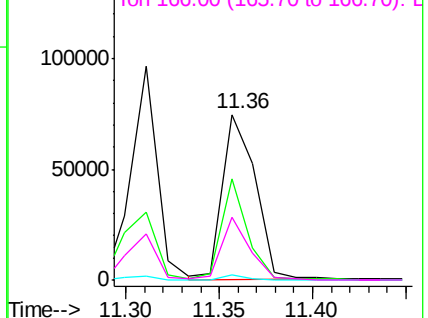


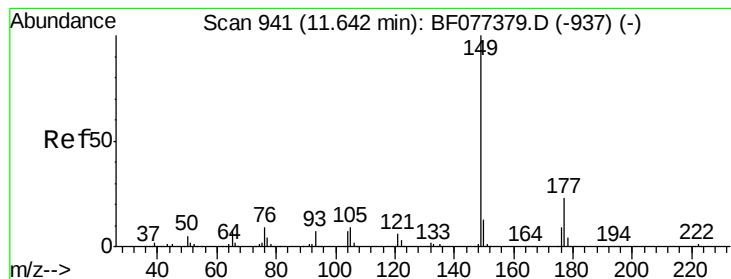
Abundance Ion 232.00 (231.70 to 232.70): E

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: 43.97 ng

RT: 11.51 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF077621.D

Acq: 6 Mar 2015 14:52

Instrument :

BNA_F

ClientSampleId :

PB81936BS

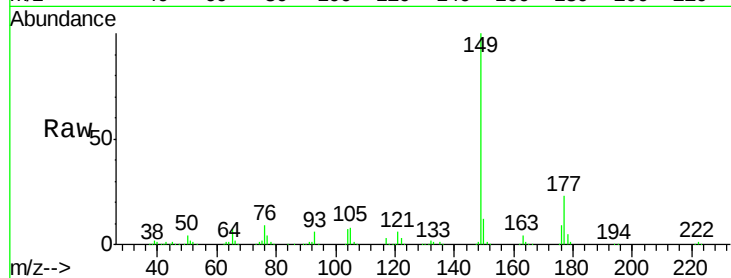
Tgt Ion:149 Resp: 397429

Ion Ratio Lower Upper

149 100

177 22.8 17.2 25.8

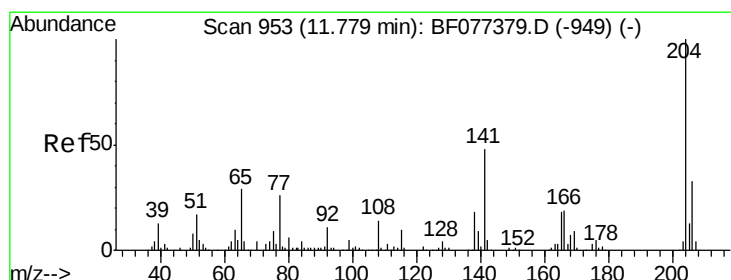
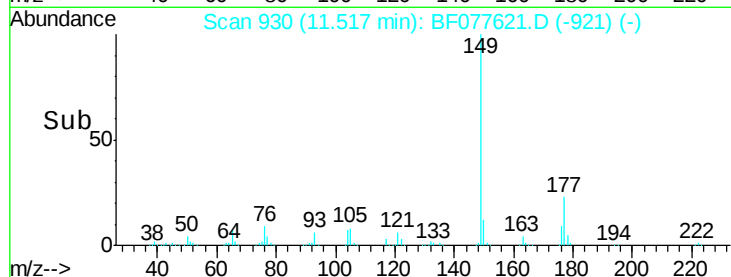
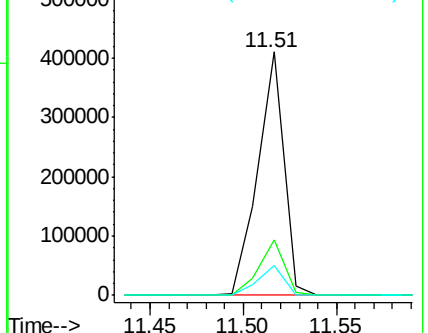
150 12.1 10.5 15.7



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: 40.72 ng

RT: 11.64 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF077621.D

Acq: 6 Mar 2015 14:52

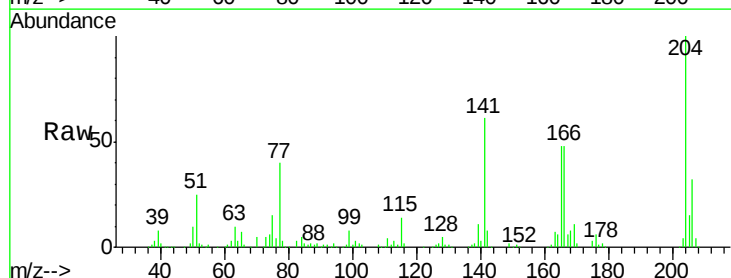
Tgt Ion:204 Resp: 177341

Ion Ratio Lower Upper

204 100

206 32.4 25.9 38.9

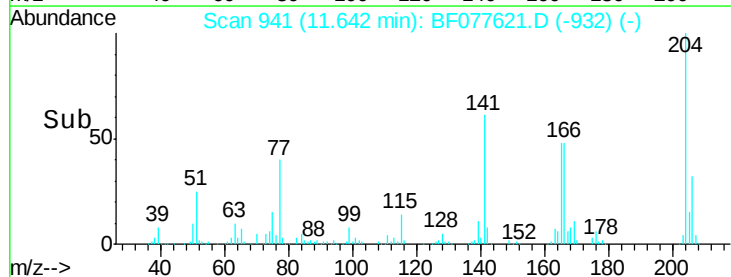
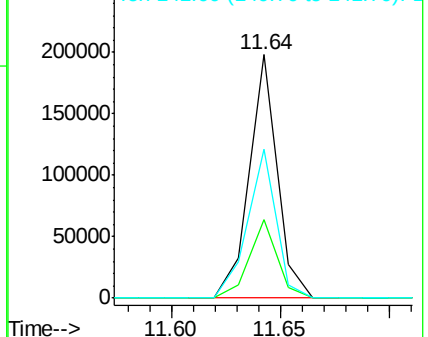
141 60.9 43.6 65.4

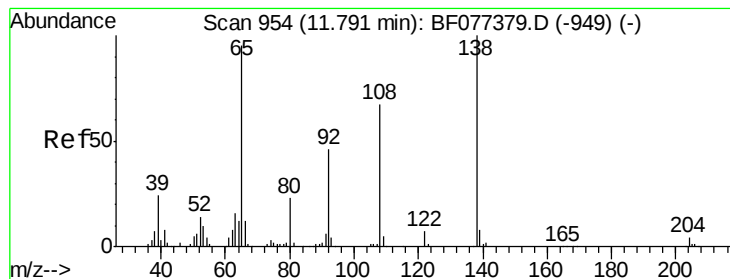


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 48.15 ng

RT: 11.66 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF077621.D

Acq: 6 Mar 2015 14:52

Instrument :

BNA_F

ClientSampleId :

PB81936BS

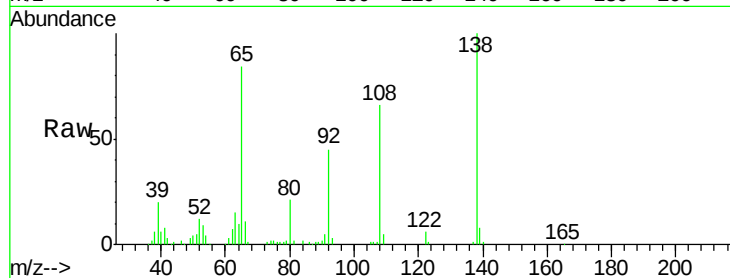
Tgt Ion:138 Resp: 97829

Ion Ratio Lower Upper

138 100

92 45.1 32.8 72.8

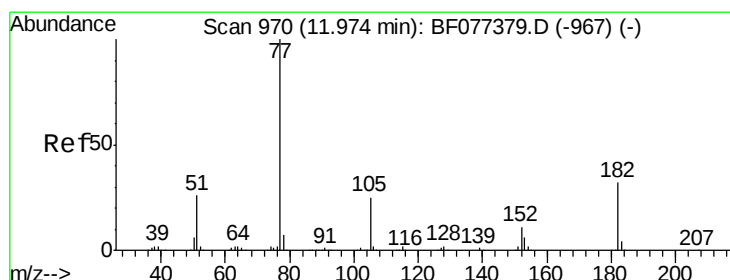
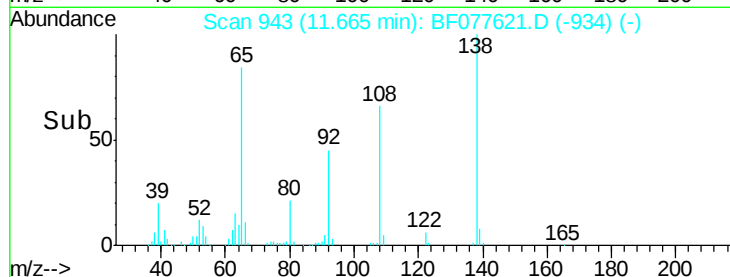
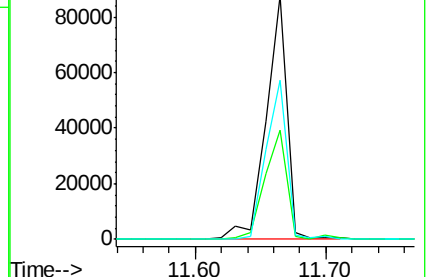
108 65.6 52.1 92.1



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: 43.73 ng

RT: 11.84 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF077621.D

Acq: 6 Mar 2015 14:52

Tgt Ion: 77 Resp: 375025

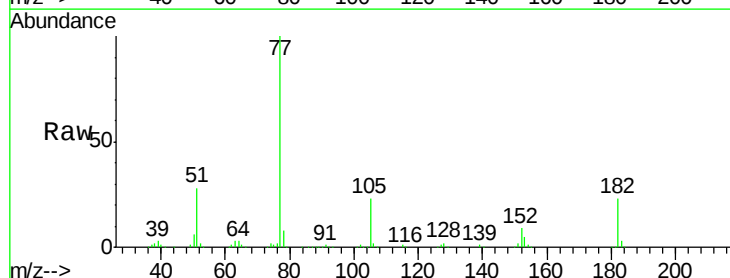
Ion Ratio Lower Upper

77 100

182 22.7 4.9 44.9

105 23.2 3.3 43.3

51 28.5 8.9 48.9

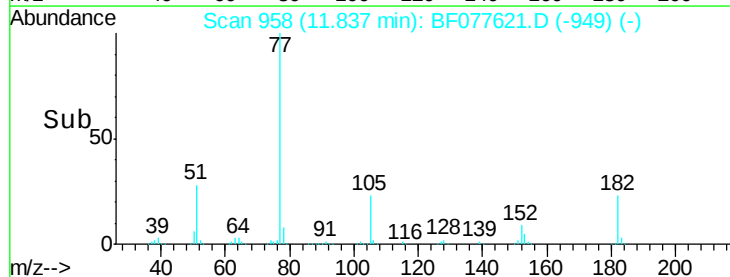
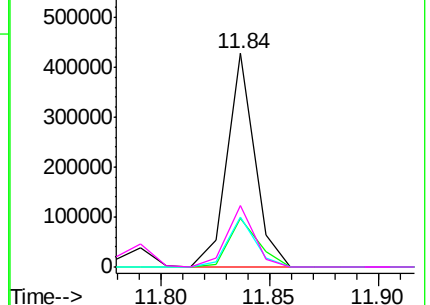


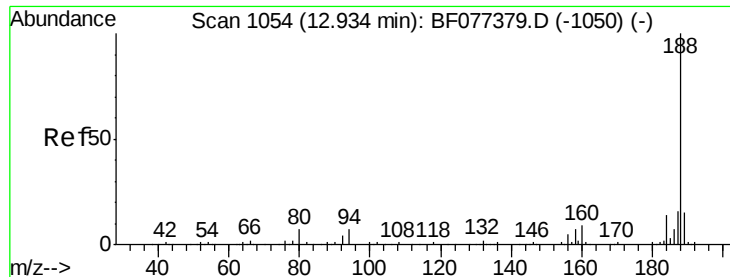
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

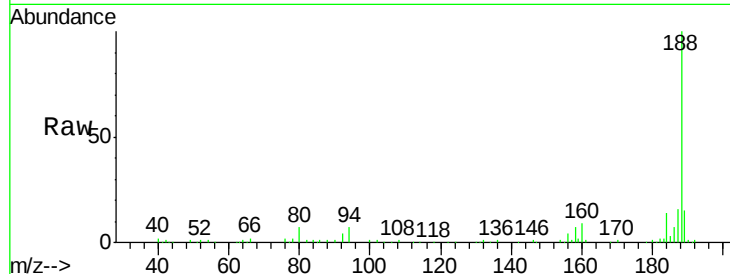




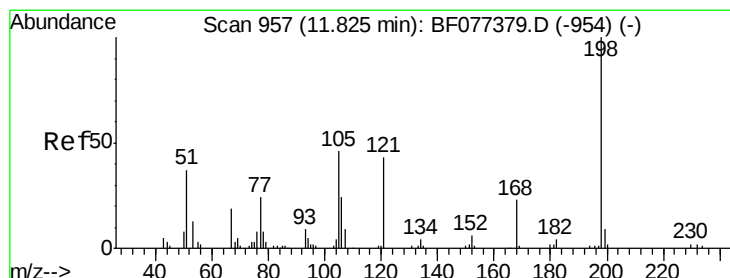
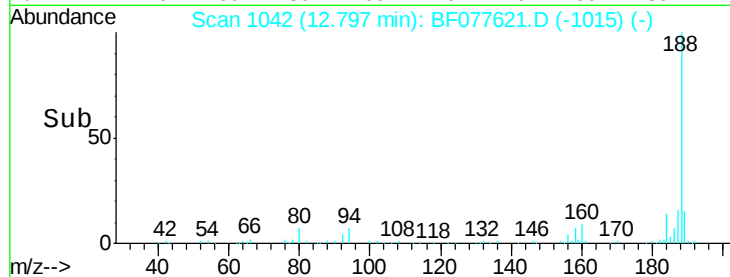
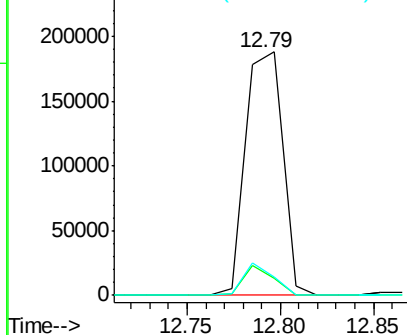
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.79 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BF077621.D
Acq: 6 Mar 2015 14:52

Instrument :
BNA_F
ClientSampleId :
PB81936BS

Tgt Ion:188 Resp: 259973
Ion Ratio Lower Upper
188 100
94 7.0 7.4 11.2#
80 7.5 8.0 12.0#

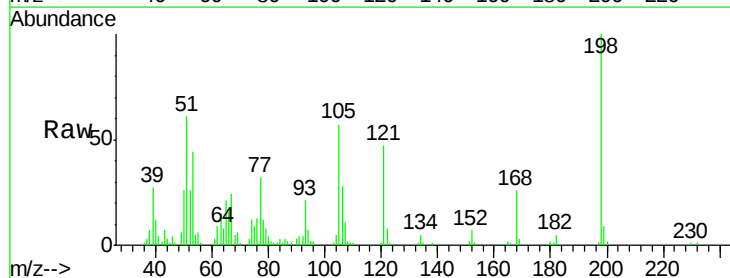


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

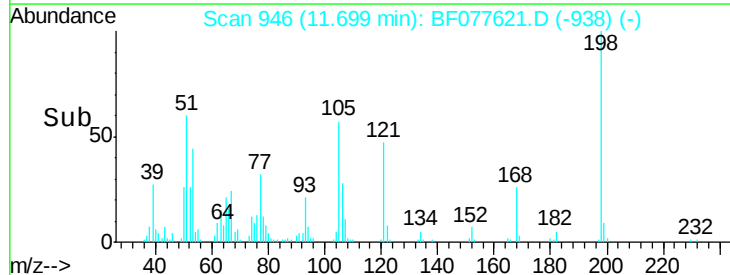
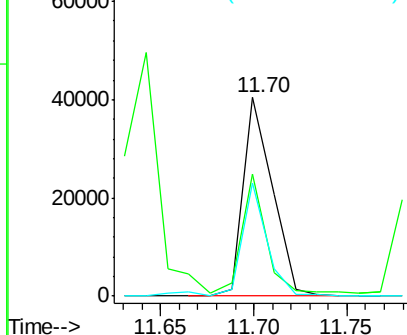


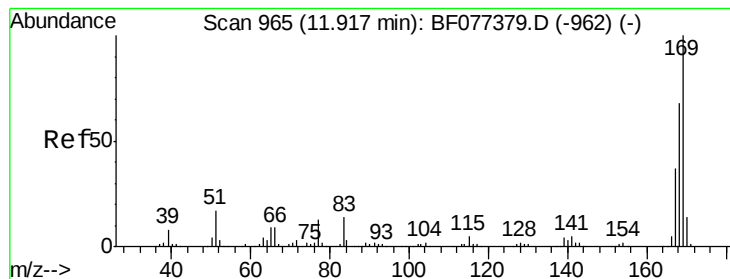
#64
4,6-Dinitro-2-methylphenol
Concen: 42.91 ng
RT: 11.70 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF077621.D
Acq: 6 Mar 2015 14:52

Tgt Ion:198 Resp: 44067
Ion Ratio Lower Upper
198 100
51 61.2 2.7 42.7#
105 57.0 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

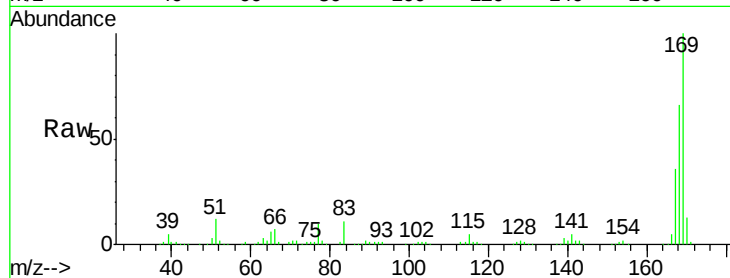




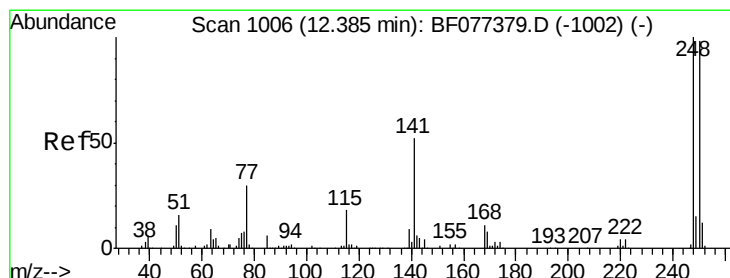
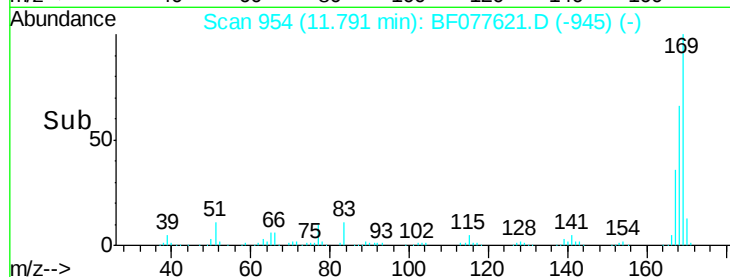
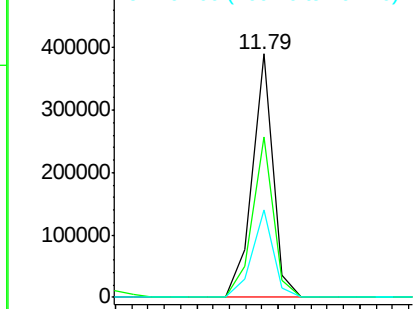
#65
 n-Nitrosodiphenylamine
 Concen: 40.15 ng
 RT: 11.79 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF077621.D
 Acq: 6 Mar 2015 14:52

Instrument :
 BNA_F
 ClientSampleId :
 PB81936BS

Tgt Ion:169 Resp: 346337
 Ion Ratio Lower Upper
 169 100
 168 65.8 53.0 79.6
 167 36.1 29.5 44.3

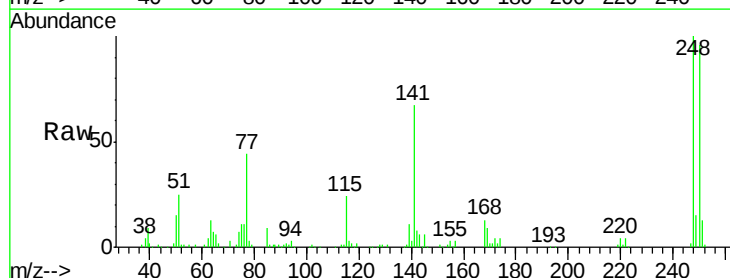


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

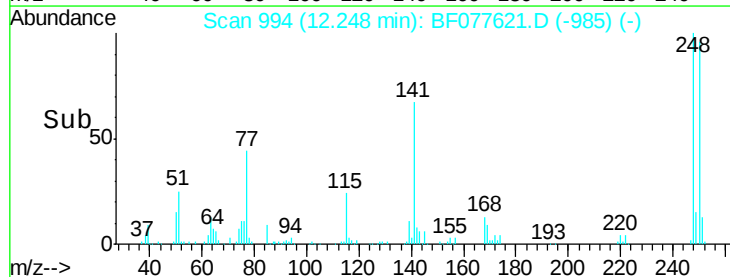
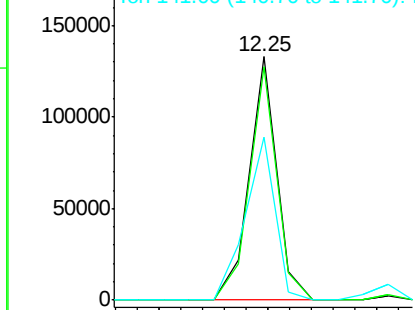


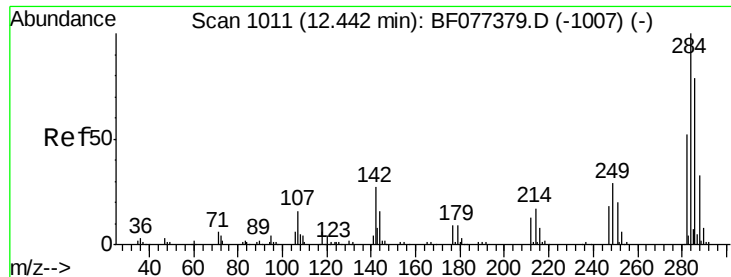
#66
 4-Bromophenyl-phenylether
 Concen: 38.31 ng
 RT: 12.25 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: BF077621.D
 Acq: 6 Mar 2015 14:52

Tgt Ion:248 Resp: 116620
 Ion Ratio Lower Upper
 248 100
 250 95.8 78.0 117.0
 141 66.7 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

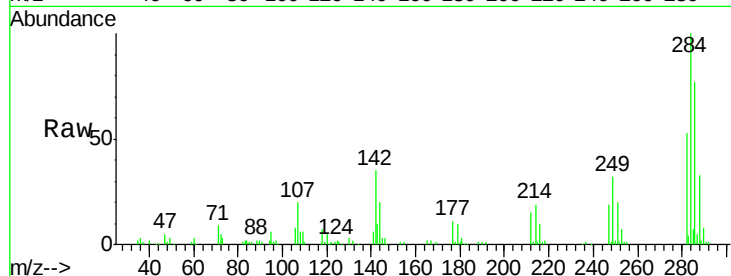




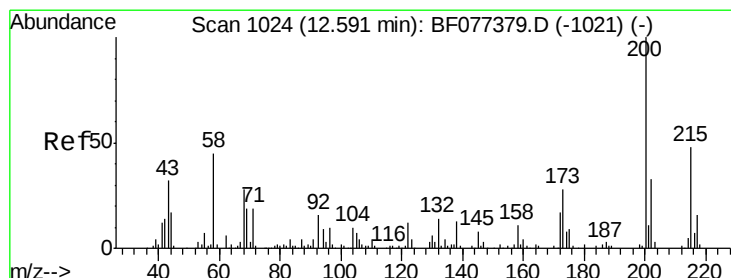
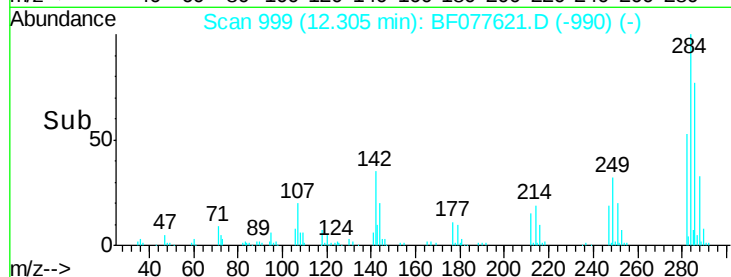
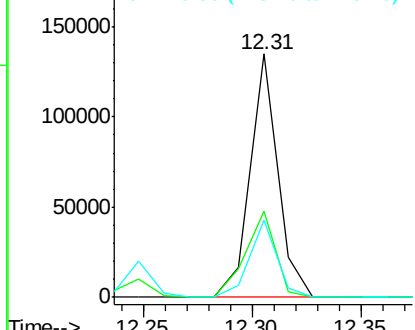
#67
Hexachlorobenzene
Concen: 36.50 ng
RT: 12.31 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF077621.D
Acq: 6 Mar 2015 14:52

Instrument :
BNA_F
ClientSampleId :
PB81936BS

Tgt Ion:284 Resp: 119280
Ion Ratio Lower Upper
284 100
142 35.2 31.6 47.4
249 31.9 27.0 40.4

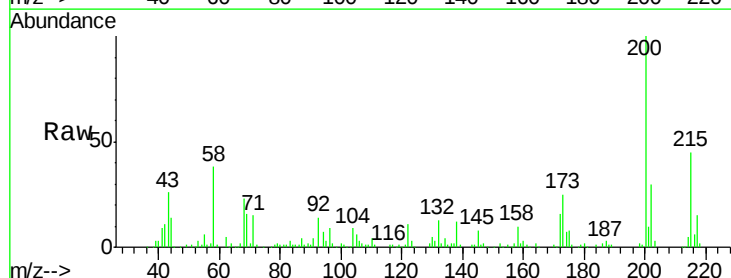


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

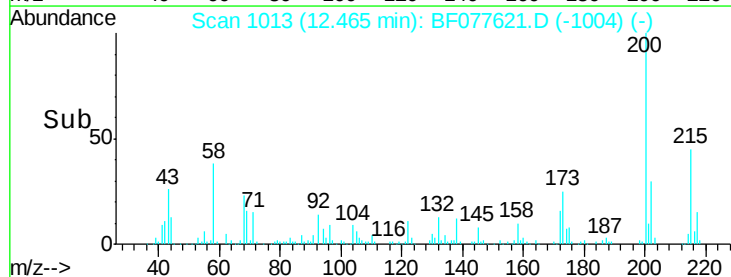
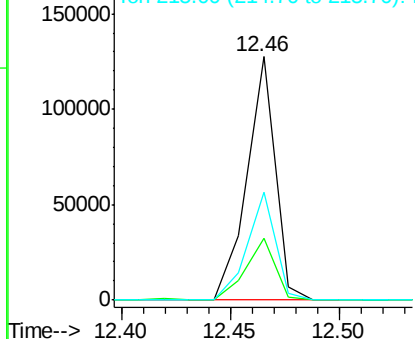


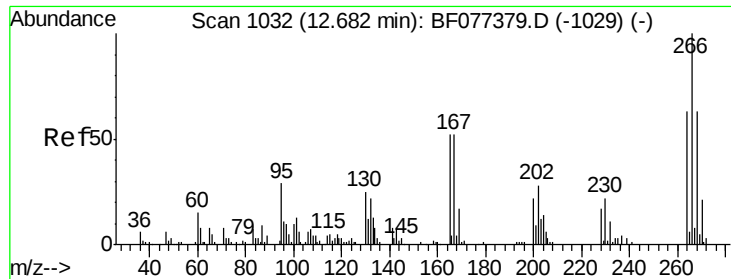
#68
Atrazine
Concen: 41.05 ng
RT: 12.46 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF077621.D
Acq: 6 Mar 2015 14:52

Tgt Ion:200 Resp: 115120
Ion Ratio Lower Upper
200 100
173 25.4 9.6 49.6
215 44.5 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

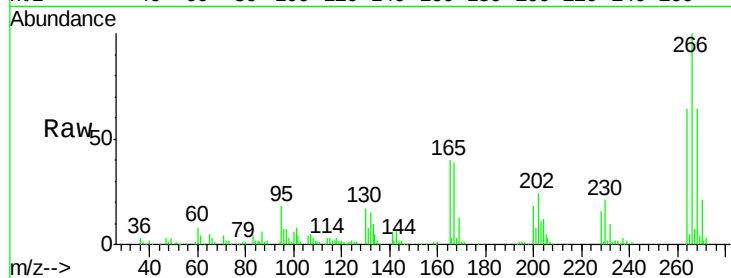




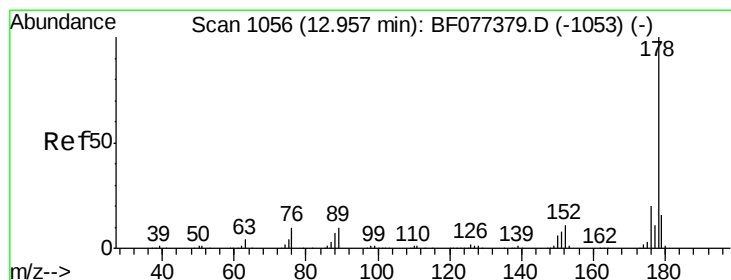
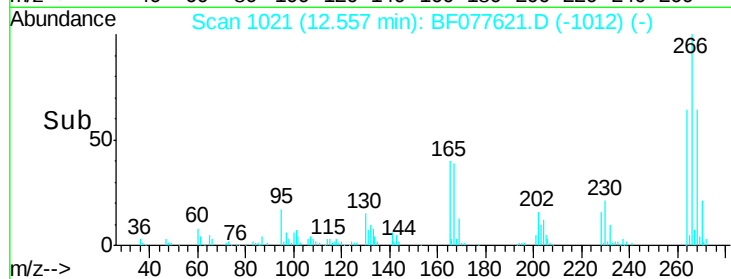
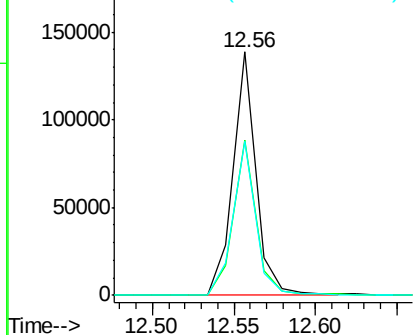
#69
 Pentachlorophenol
 Concen: 78.63 ng
 RT: 12.56 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BF077621.D
 Acq: 6 Mar 2015 14:52

Instrument :
 BNA_F
 ClientSampleId :
 PB81936BS

Tgt Ion: 266 Resp: 135035
 Ion Ratio Lower Upper
 266 100
 268 63.8 51.2 76.8
 264 63.5 50.7 76.1

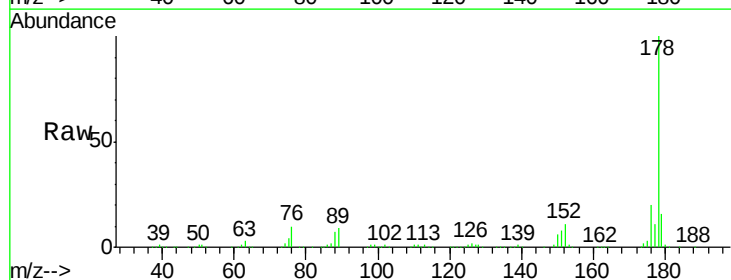


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

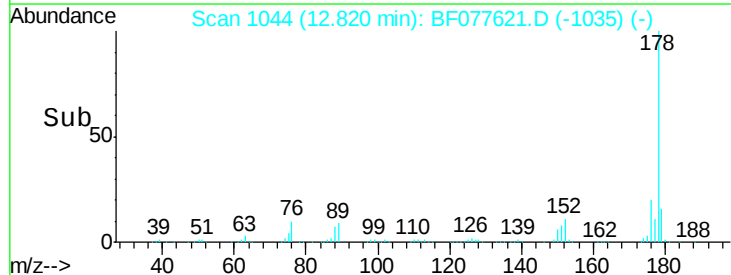
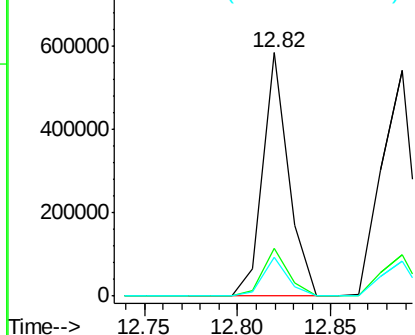


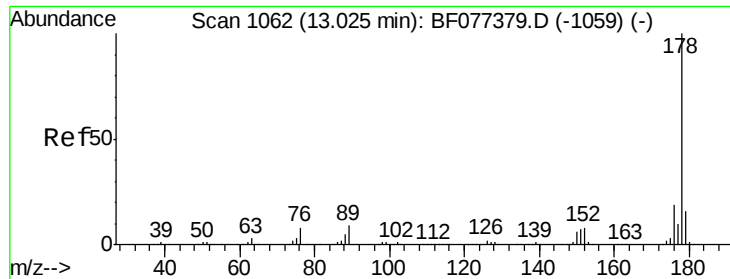
#70
 Phenanthrene
 Concen: 37.57 ng
 RT: 12.82 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF077621.D
 Acq: 6 Mar 2015 14:52

Tgt Ion: 178 Resp: 566117
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.5 23.3
 179 16.0 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

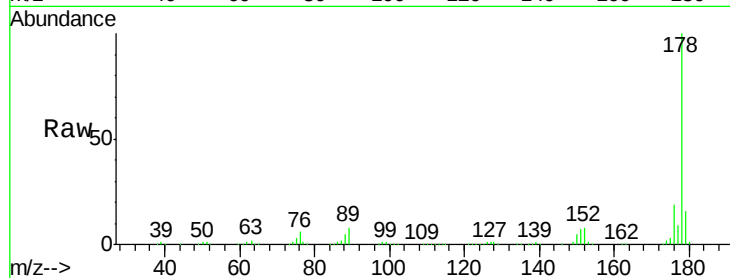




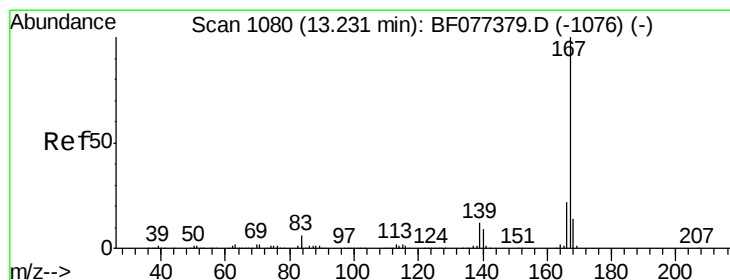
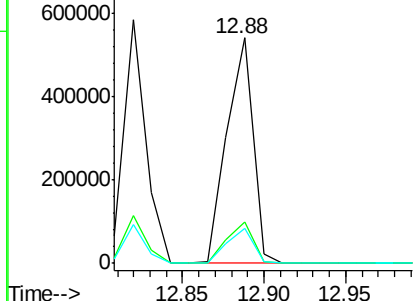
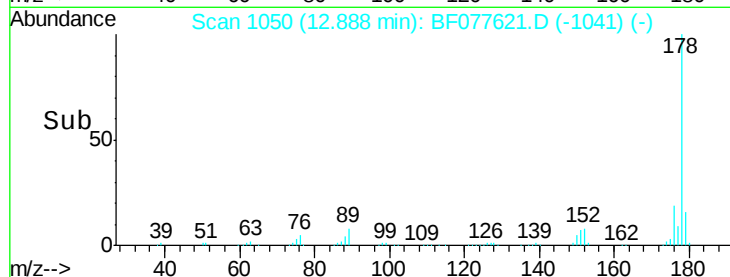
#71
 Anthracene
 Concen: 39.96 ng
 RT: 12.88 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BF077621.D
 Acq: 6 Mar 2015 14:52

Instrument :
 BNA_F
 ClientSampleId :
 PB81936BS

Tgt Ion:178 Resp: 597471
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.4 23.0
 179 15.6 12.9 19.3

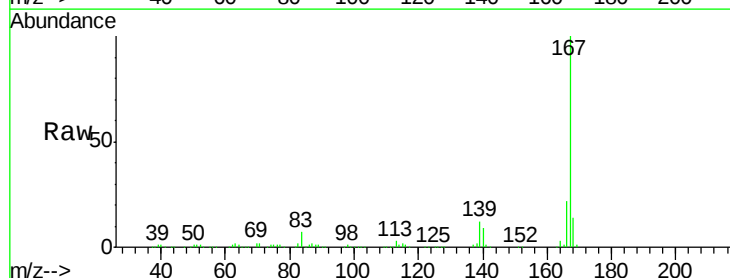


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

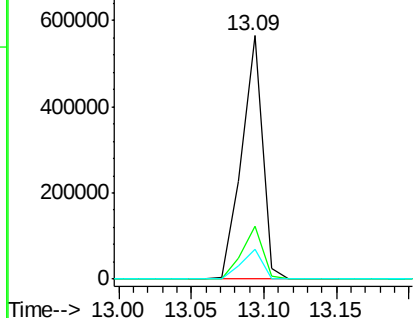
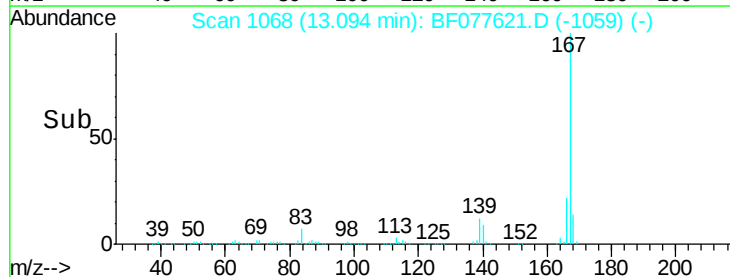


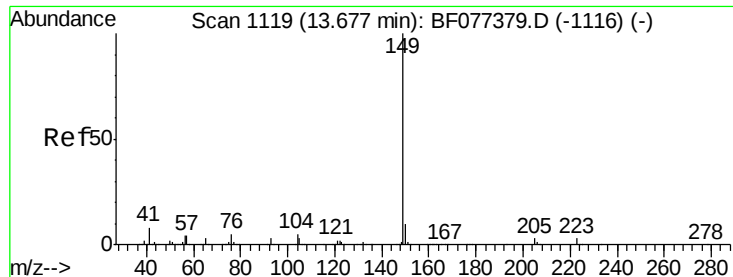
#72
 Carbazole
 Concen: 39.83 ng
 RT: 13.09 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: BF077621.D
 Acq: 6 Mar 2015 14:52

Tgt Ion:167 Resp: 566266
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 12.3 9.9 14.9



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





#73

Di-n-butylphthalate

Concen: 38.79 ng

RT: 13.55 min Scan# 1108

Delta R.T. 0.00 min

Lab File: BF077621.D

Acq: 6 Mar 2015 14:52

Instrument :

BNA_F

ClientSampleId :

PB81936BS

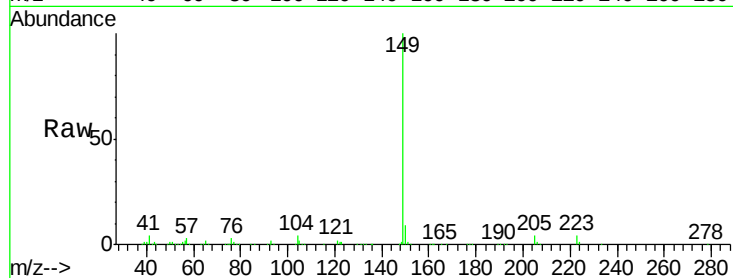
Tgt Ion:149 Resp: 647629

Ion Ratio Lower Upper

149 100

150 8.7 7.8 11.8

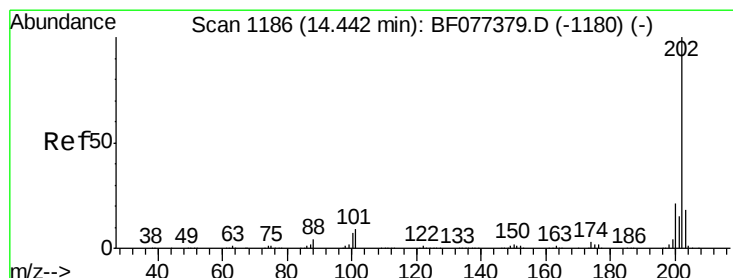
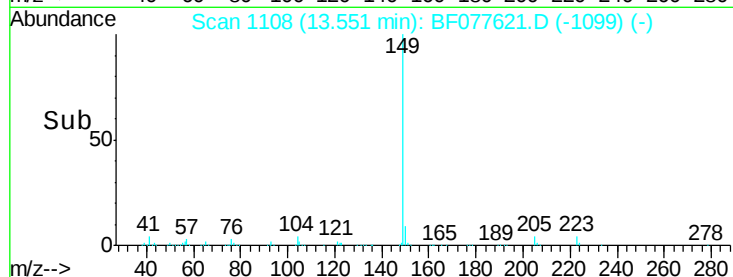
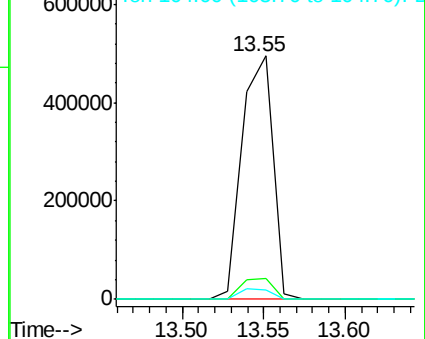
104 3.9 4.1 6.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.60 ng

RT: 14.30 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF077621.D

Acq: 6 Mar 2015 14:52

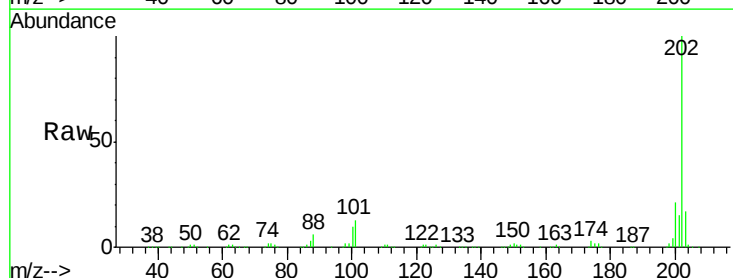
Tgt Ion:202 Resp: 635308

Ion Ratio Lower Upper

202 100

101 12.8 0.0 30.8

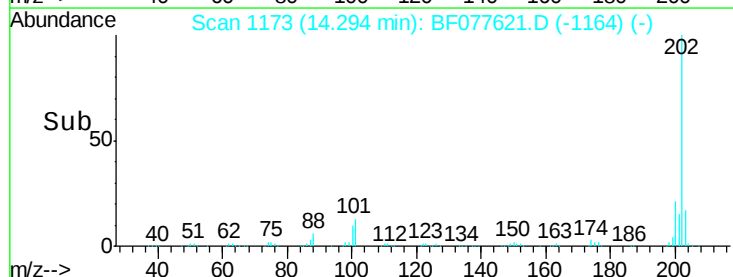
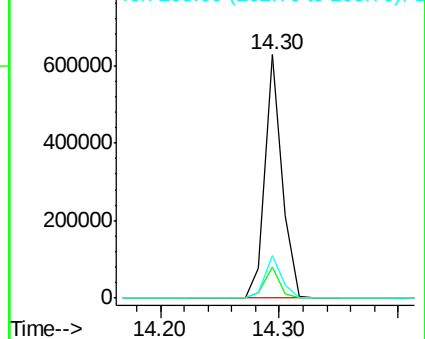
203 17.5 0.0 37.7

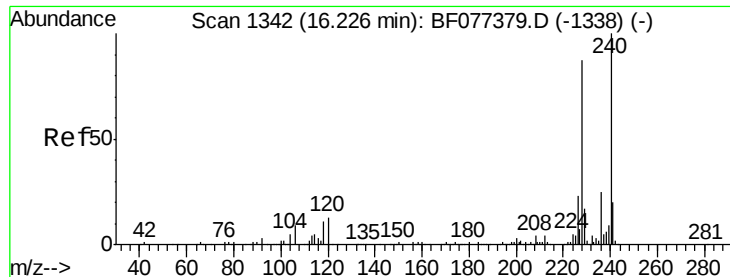


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.08 min Scan# 1329

Delta R.T. 0.00 min

Lab File: BF077621.D

Acq: 6 Mar 2015 14:52

Instrument :

BNA_F

ClientSampleId :

PB81936BS

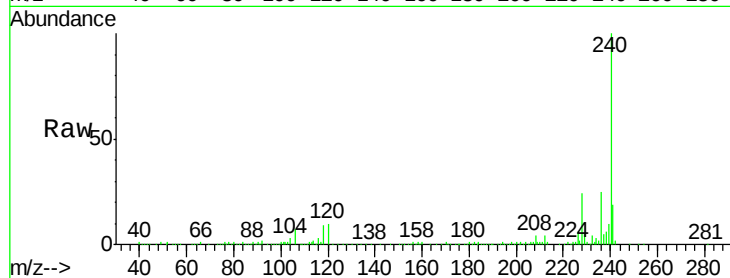
Tgt Ion:240 Resp: 280589

Ion Ratio Lower Upper

240 100

120 9.7 8.8 13.2

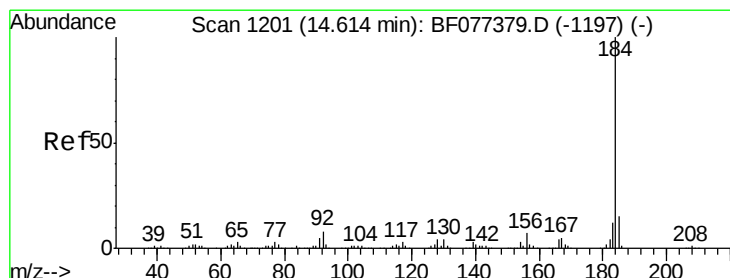
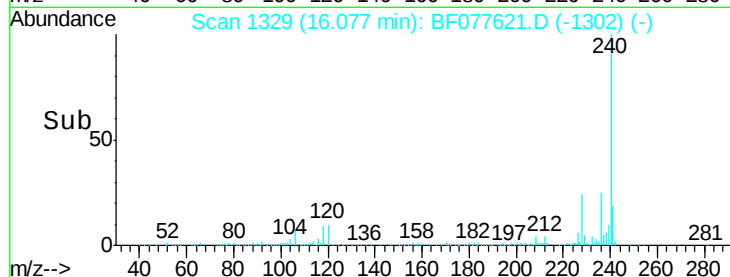
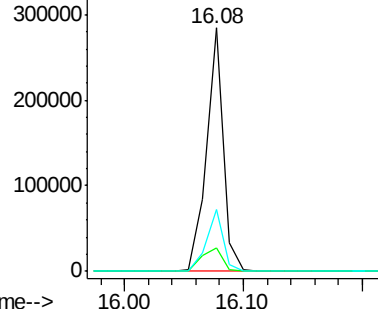
236 25.1 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 27.02 ng

RT: 14.48 min Scan# 1189

Delta R.T. 0.00 min

Lab File: BF077621.D

Acq: 6 Mar 2015 14:52

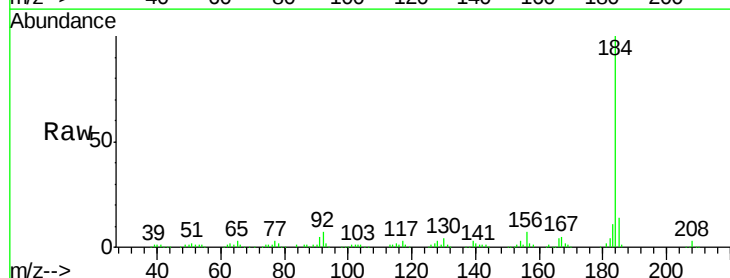
Tgt Ion:184 Resp: 256122

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

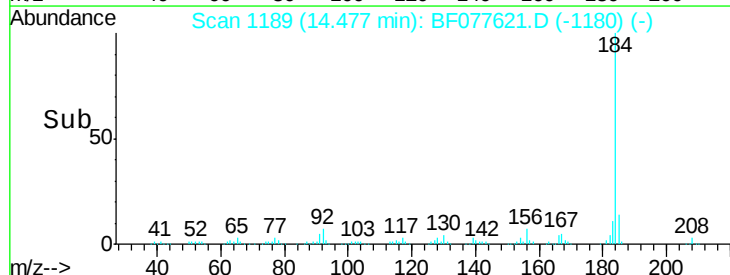
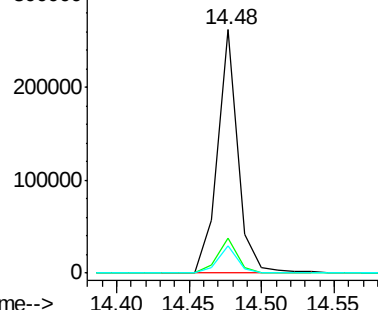
183 11.3 9.3 13.9

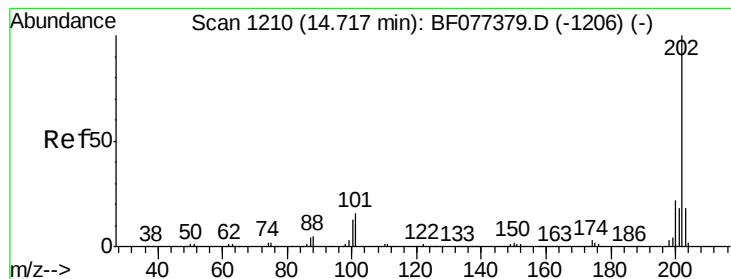


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 39.24 ng

RT: 14.57 min Scan# 1198

Delta R.T. 0.00 min

Lab File: BF077621.D

Acq: 6 Mar 2015 14:52

Instrument :

BNA_F

ClientSampleId :

PB81936BS

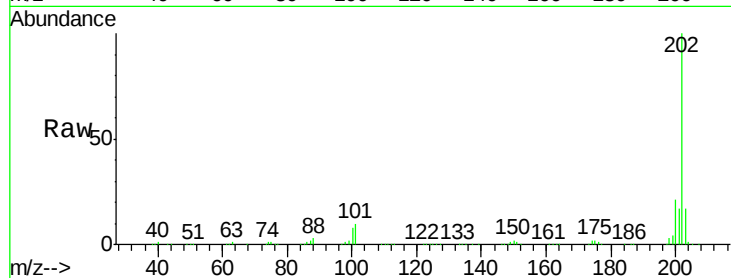
Tgt Ion: 202 Resp: 673438

Ion Ratio Lower Upper

202 100

200 21.0 17.1 25.7

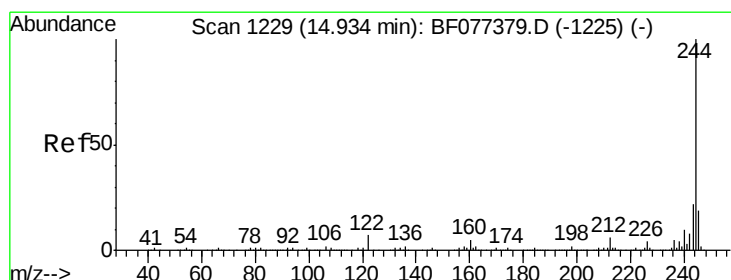
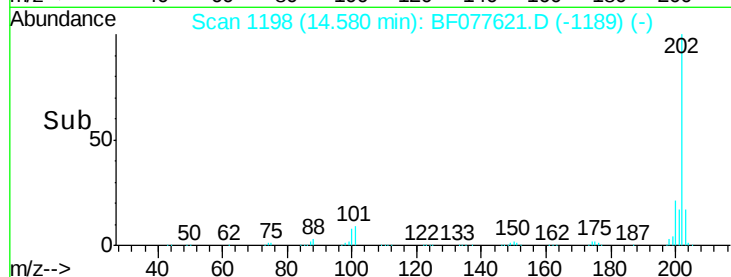
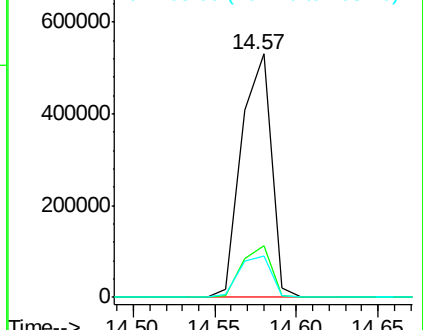
203 17.3 14.2 21.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 76.73 ng

RT: 14.79 min Scan# 1216

Delta R.T. 0.00 min

Lab File: BF077621.D

Acq: 6 Mar 2015 14:52

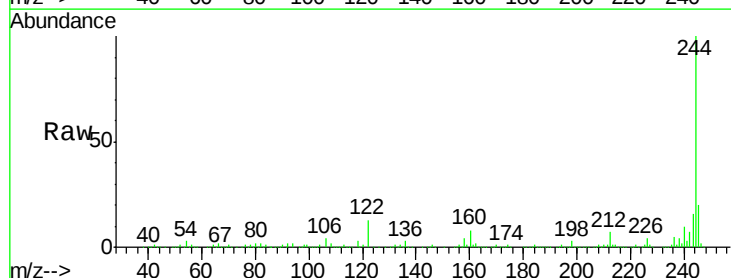
Tgt Ion: 244 Resp: 920912

Ion Ratio Lower Upper

244 100

212 7.1 5.2 7.8

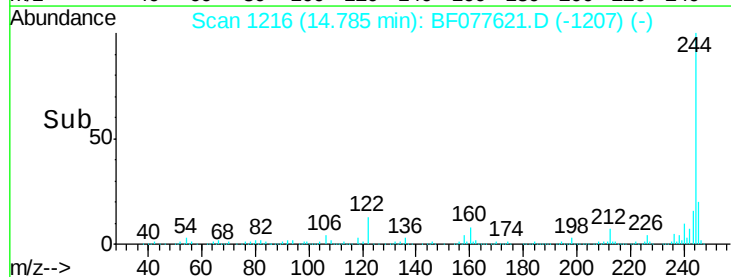
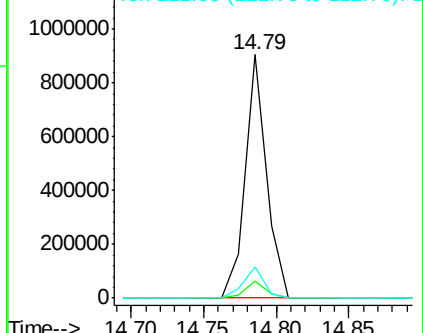
122 12.8 7.8 11.8#

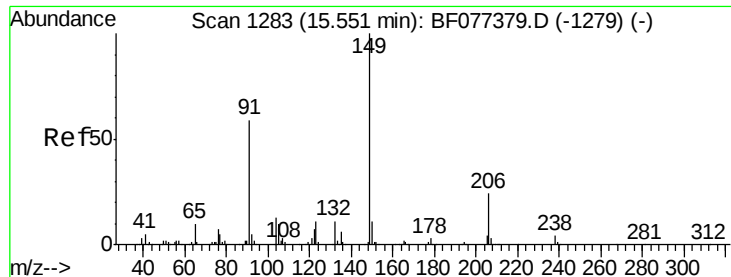


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

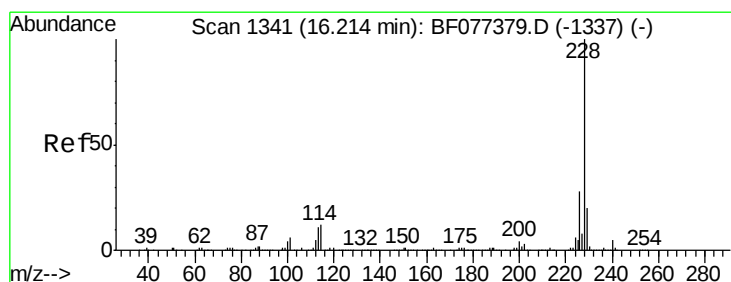
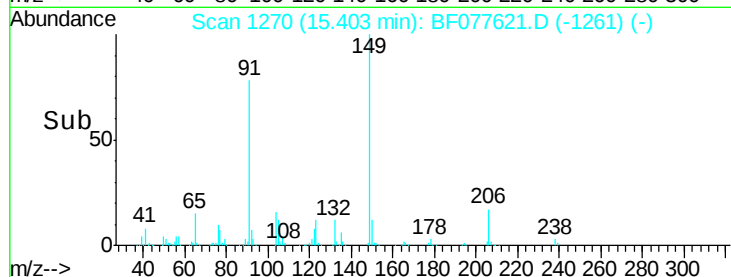
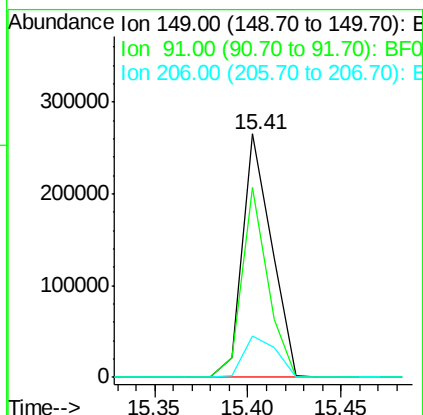
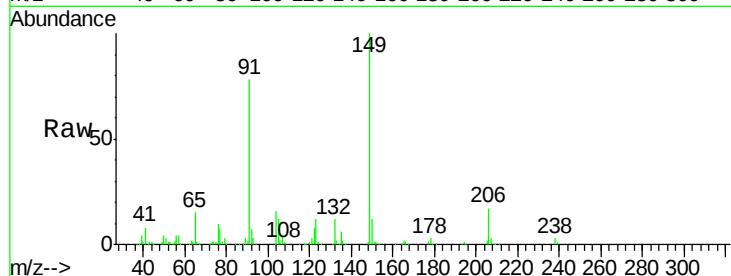




#79
Butylbenzylphthalate
Concen: 40.69 ng
RT: 15.41 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BF077621.D
Acq: 6 Mar 2015 14:52

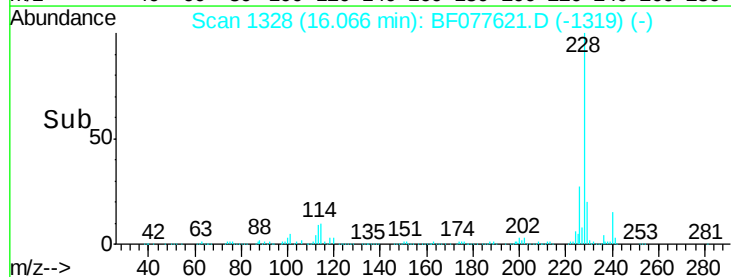
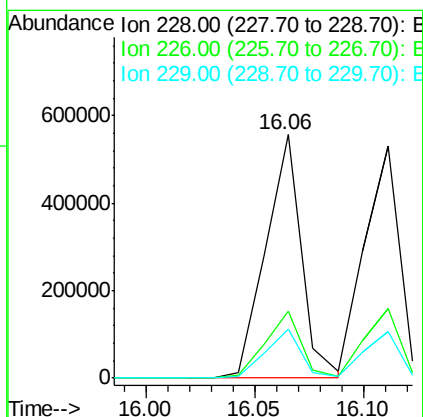
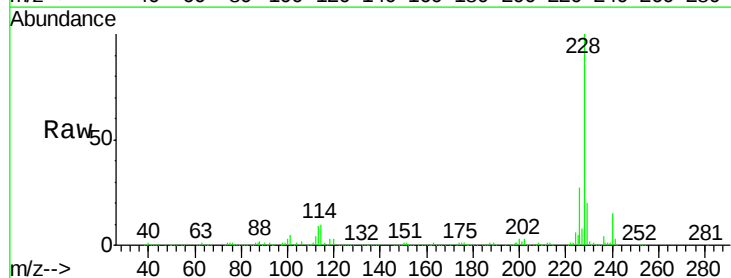
Instrument :
BNA_F
ClientSampleId :
PB81936BS

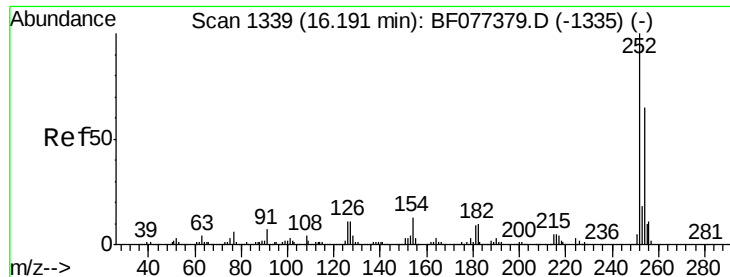
Tgt Ion:149 Resp: 287318
Ion Ratio Lower Upper
149 100
91 78.0 51.2 76.8#
206 17.2 17.8 26.8#



#80
Benzo(a)anthracene
Concen: 38.92 ng
RT: 16.06 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF077621.D
Acq: 6 Mar 2015 14:52

Tgt Ion:228 Resp: 639985
Ion Ratio Lower Upper
228 100
226 27.3 22.0 33.0
229 20.0 15.8 23.8

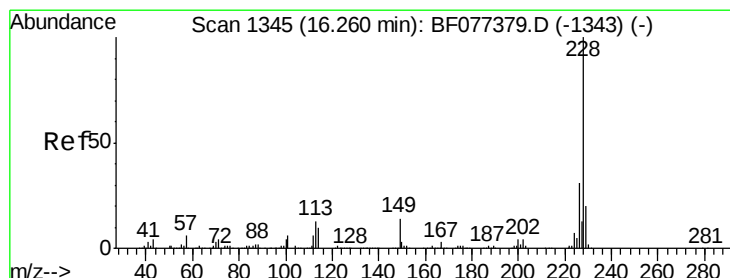
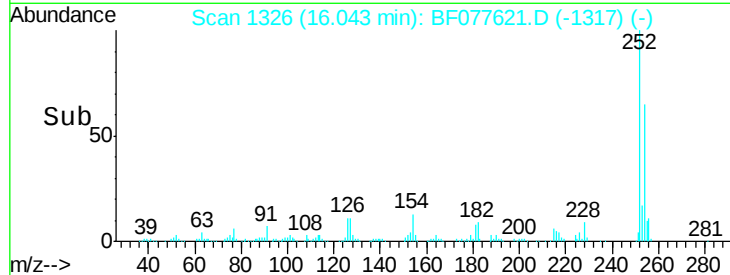
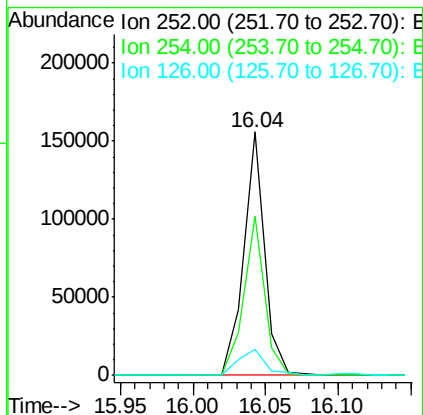
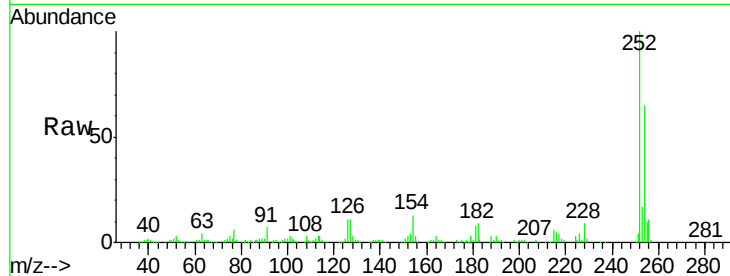




#81
 3,3'-Dichlorobenzidine
 Concen: 26.09 ng
 RT: 16.04 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF077621.D
 Acq: 6 Mar 2015 14:52

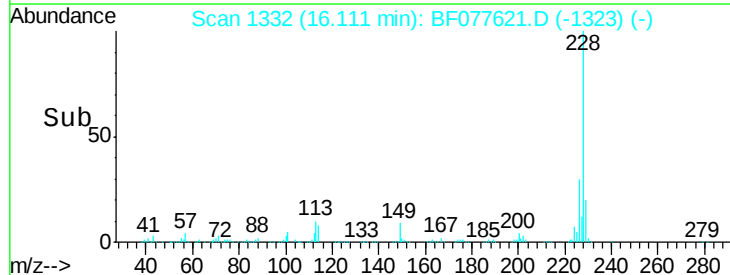
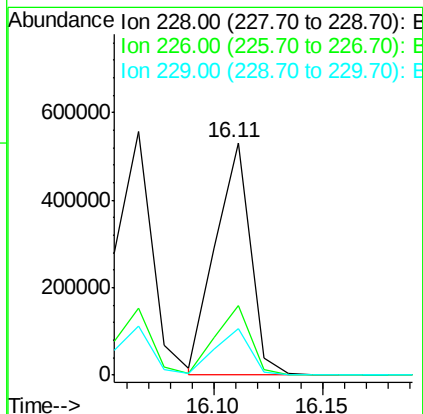
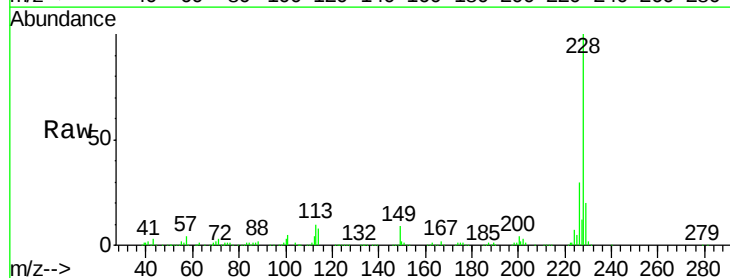
Instrument :
 BNA_F
 ClientSampleId :
 PB81936BS

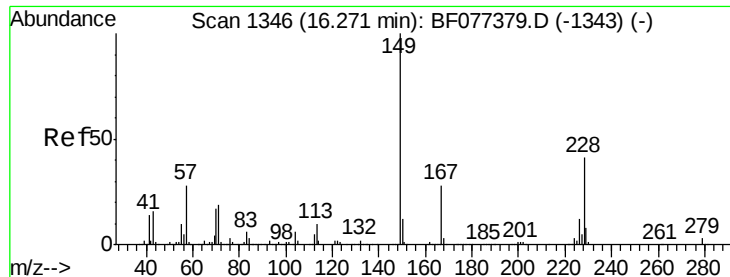
Tgt Ion:252 Resp: 157210
 Ion Ratio Lower Upper
 252 100
 254 65.4 52.9 79.3
 126 10.7 7.3 10.9



#82
 Chrysene
 Concen: 38.28 ng
 RT: 16.11 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BF077621.D
 Acq: 6 Mar 2015 14:52

Tgt Ion:228 Resp: 591081
 Ion Ratio Lower Upper
 228 100
 226 29.8 24.9 37.3
 229 20.0 16.4 24.6

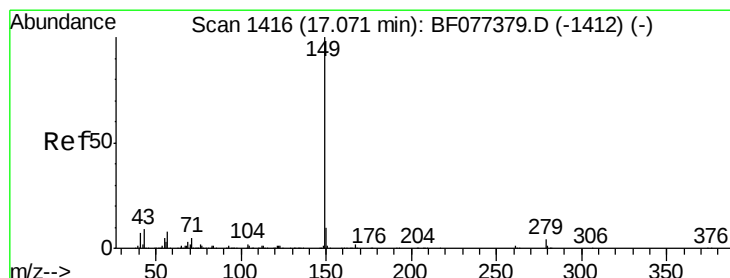
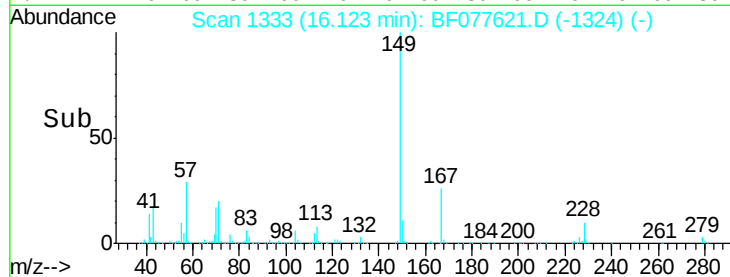
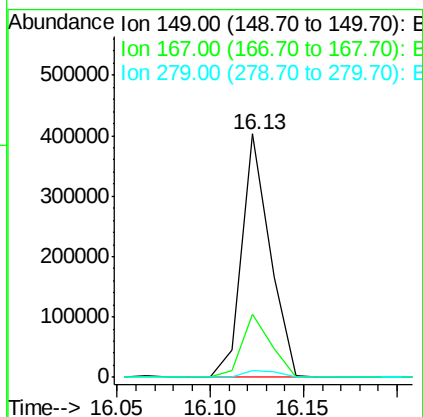
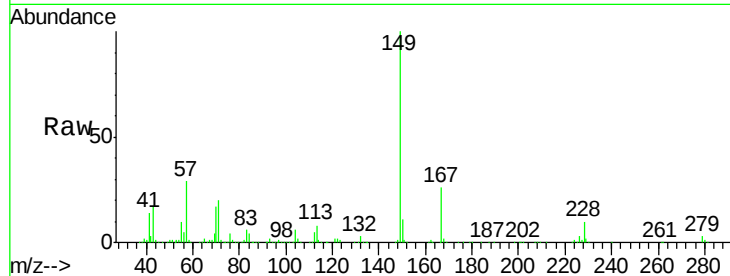




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.57 ng
 RT: 16.13 min Scan# 1333
 Delta R.T. 0.00 min
 Lab File: BF077621.D
 Acq: 6 Mar 2015 14:52

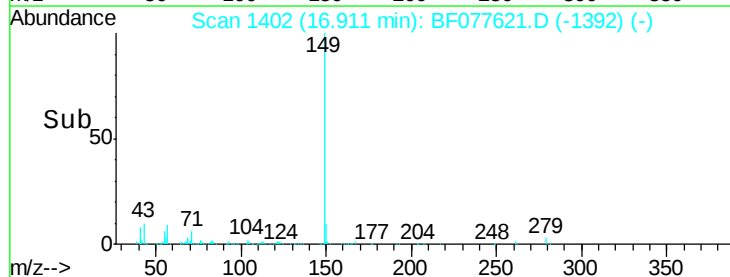
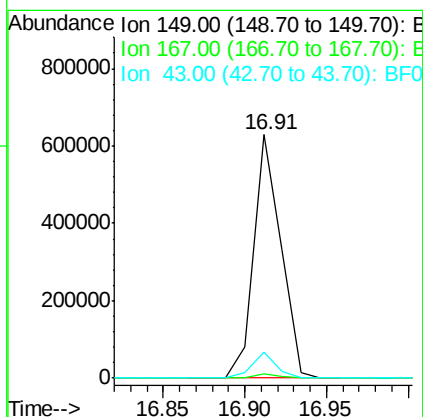
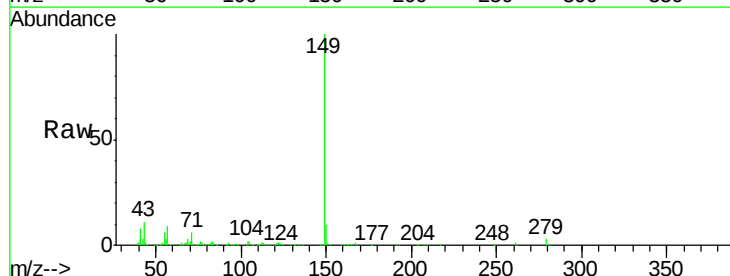
Instrument :
 BNA_F
 ClientSampleId :
 PB81936BS

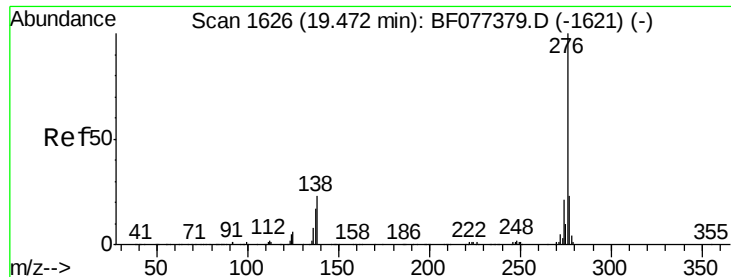
Tgt Ion:149 Resp: 425434
 Ion Ratio Lower Upper
 149 100
 167 26.2 22.8 34.2
 279 2.7 3.8 5.6#



#84
 Di-n-octyl phthalate
 Concen: 38.42 ng
 RT: 16.91 min Scan# 1402
 Delta R.T. 0.02 min
 Lab File: BF077621.D
 Acq: 6 Mar 2015 14:52

Tgt Ion:149 Resp: 726366
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 9.6 8.1 12.1

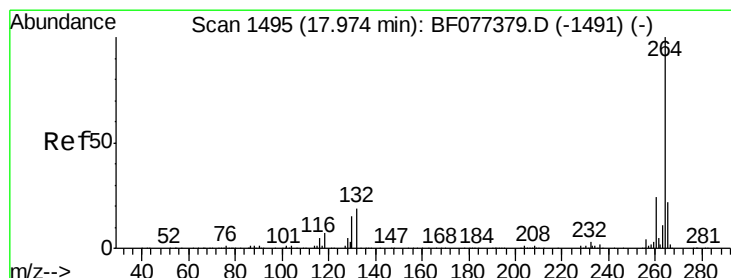
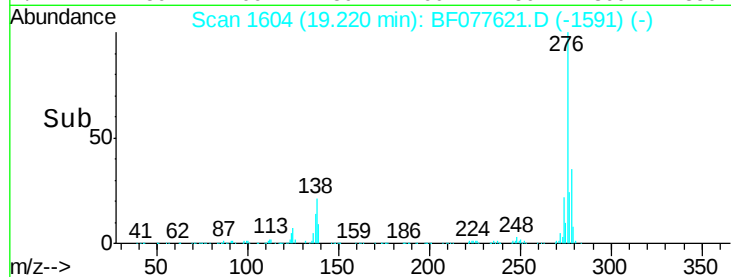
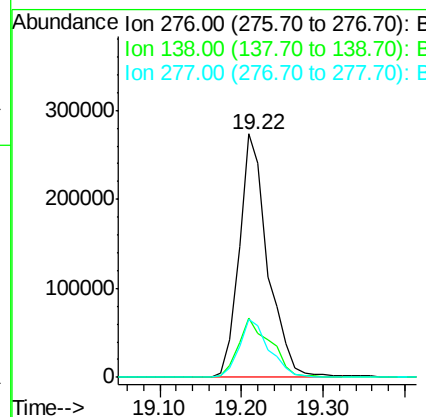
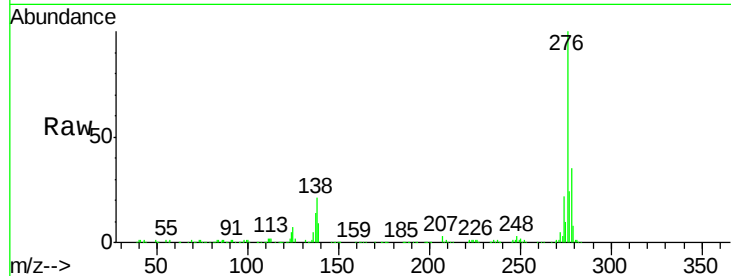




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.58 ng
 RT: 19.22 min Scan# 1604
 Delta R.T. 0.04 min
 Lab File: BF077621.D
 Acq: 6 Mar 2015 14:52

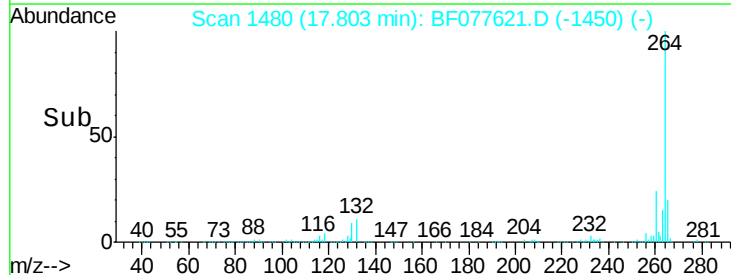
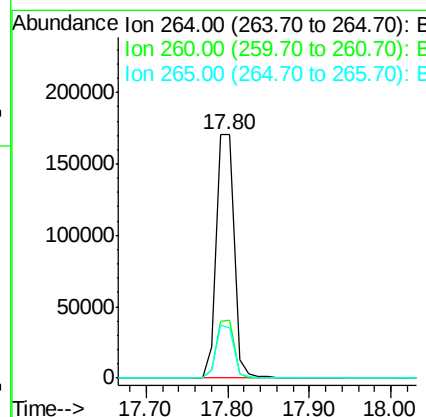
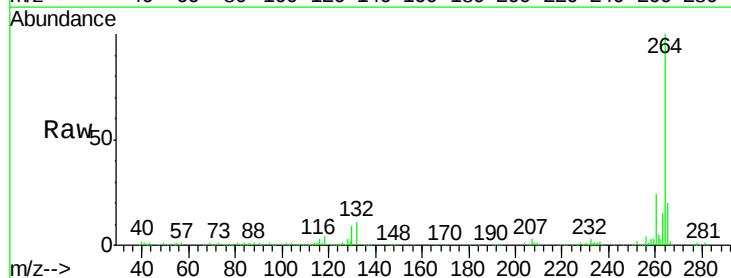
Instrument :
 BNA_F
 ClientSampleId :
 PB81936BS

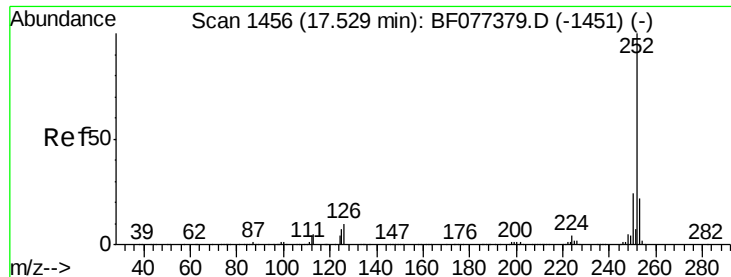
Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.8	21.2	31.8
277	25.1	20.0	30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.80 min Scan# 1480
 Delta R.T. 0.04 min
 Lab File: BF077621.D
 Acq: 6 Mar 2015 14:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.3	28.9
265	20.5	16.8	25.2

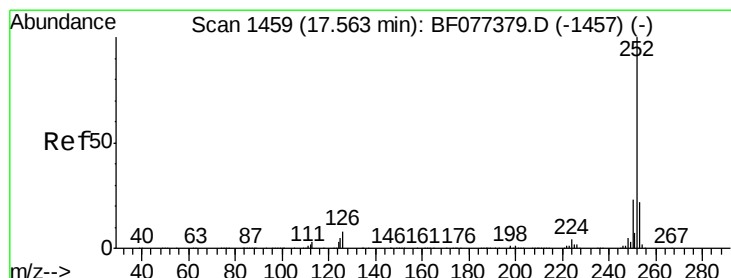
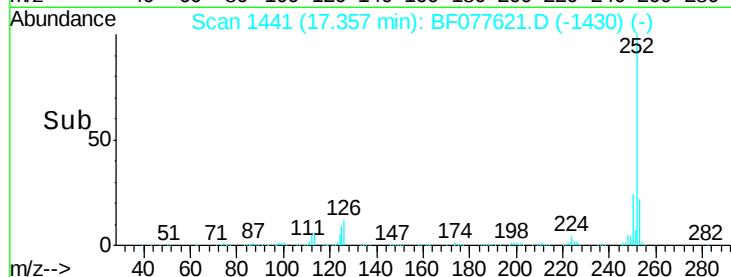
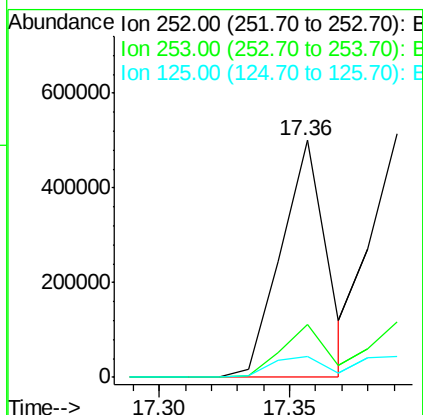
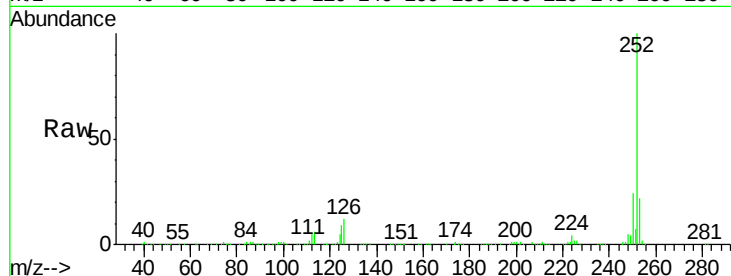




#87
Benzo(b)fluoranthene
Concen: 39.39 ng
RT: 17.36 min Scan# 1441
Delta R.T. 0.03 min
Lab File: BF077621.D
Acq: 6 Mar 2015 14:52

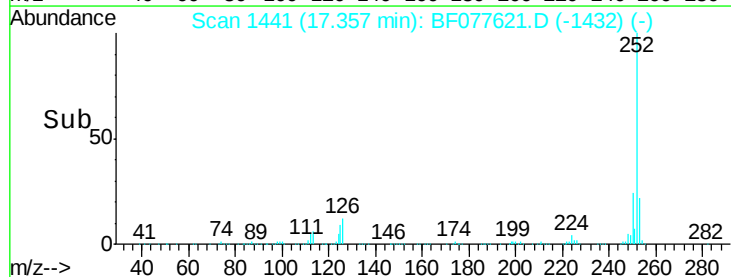
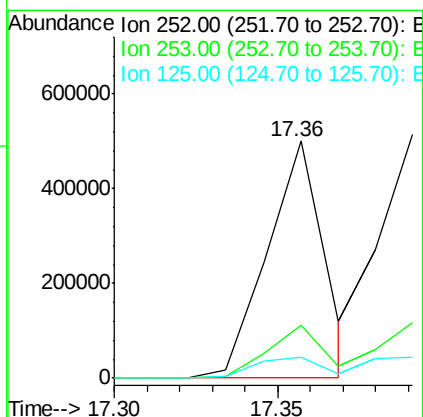
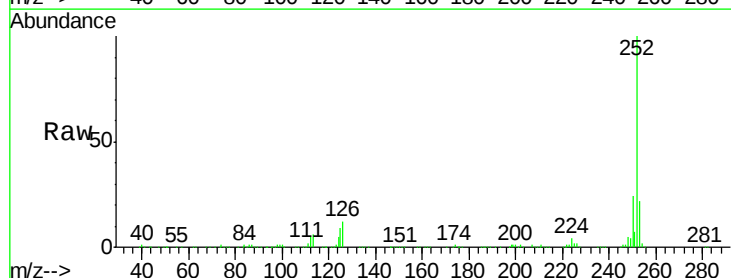
Instrument :
BNA_F
ClientSampleId :
PB81936BS

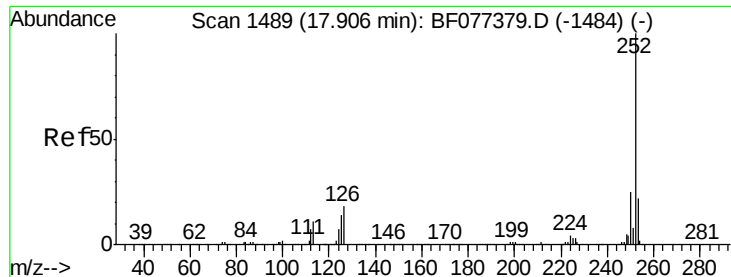
Tgt Ion:252 Resp: 602994
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 9.0 5.4 8.2#



#88
Benzo(k)fluoranthene
Concen: 40.20 ng
RT: 17.36 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BF077621.D
Acq: 6 Mar 2015 14:52

Tgt Ion:252 Resp: 602950
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 9.0 10.1 15.1#





#89

Benzo(a)pyrene

Concen: 39.60 ng

RT: 17.73 min Scan# 1474

Delta R.T. 0.04 min

Lab File: BF077621.D

Acq: 6 Mar 2015 14:52

Instrument :

BNA_F

ClientSampleId :

PB81936BS

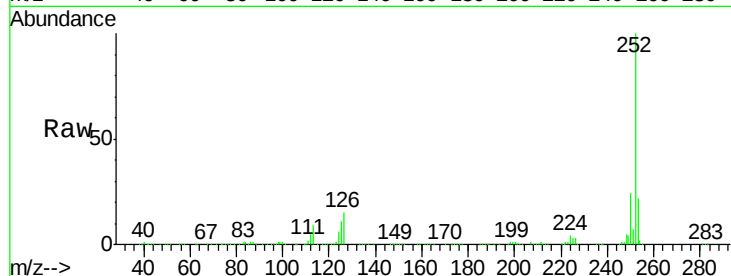
Tgt Ion:252 Resp: 577220

Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.2

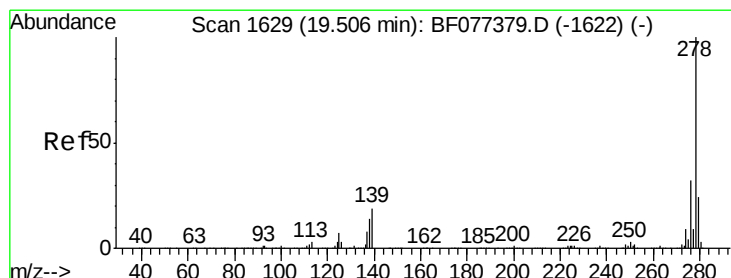
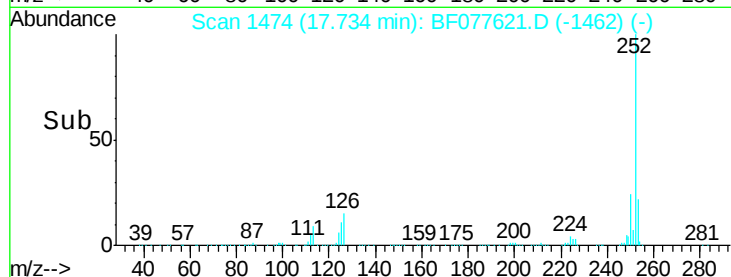
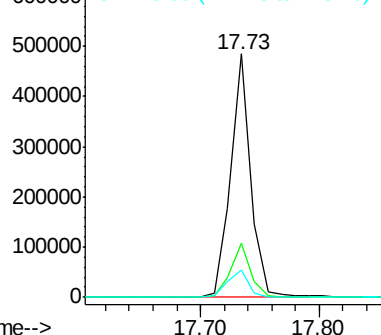
125 11.5 8.3 12.5



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: 39.83 ng

RT: 19.24 min Scan# 1606

Delta R.T. 0.04 min

Lab File: BF077621.D

Acq: 6 Mar 2015 14:52

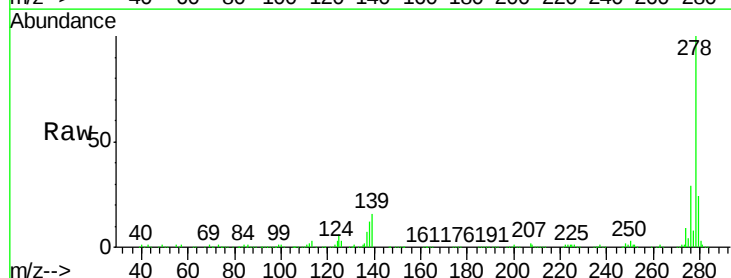
Tgt Ion:278 Resp: 553729

Ion Ratio Lower Upper

278 100

139 16.0 14.3 21.5

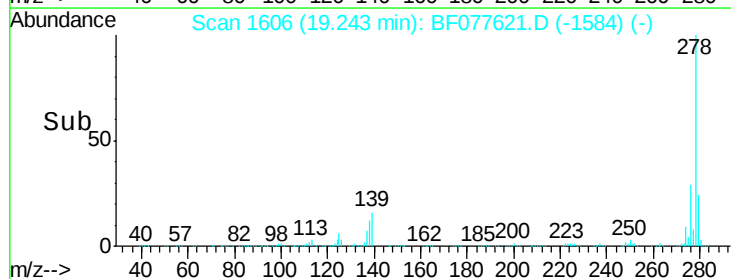
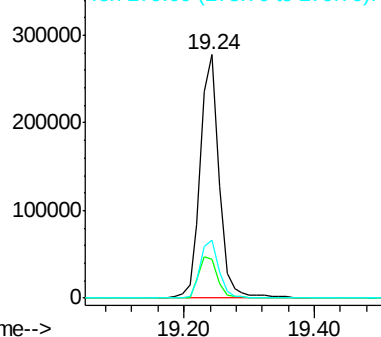
279 23.9 19.0 28.6

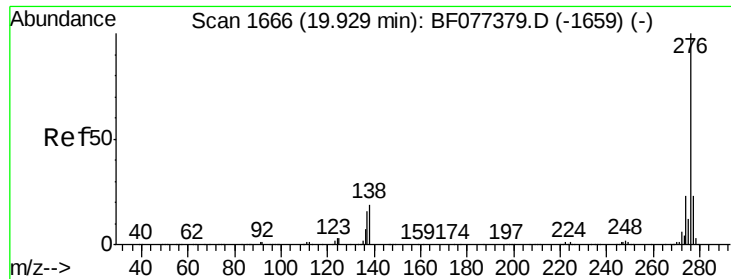


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 39.33 ng

RT: 19.63 min Scan# 1640

Delta R.T. 0.05 min

Lab File: BF077621.D

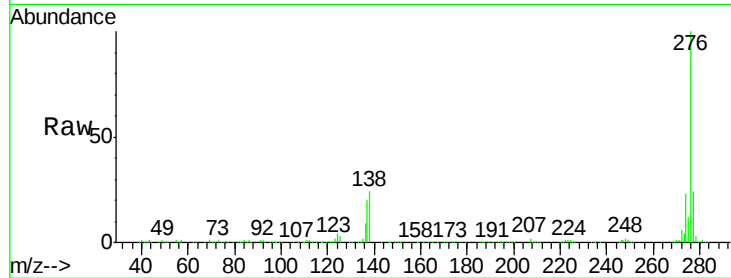
Acq: 6 Mar 2015 14:52

Instrument :

BNA_F

ClientSampleId :

PB81936BS



Tgt Ion: 276 Resp: 551842

Ion Ratio Lower Upper

276 100

277 23.7 18.9 28.3

138 23.6 20.5 30.7

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

