

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022515\
 Data File : BF077441.D
 Acq On : 25 Feb 2015 18:49
 Operator : IZ / TP
 Sample : PB81872BS
 Misc : S/DOD
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81872BS

Quant Time: Feb 26 03:38:41 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 26 03:18:41 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	83808	20.00	ng	0.00
21) Naphthalene-d8	8.86	136	332743	20.00	ng	0.00
38) Acenaphthene-d10	11.04	164	169242	20.00	ng	0.00
63) Phenanthrene-d10	12.88	188	338123	20.00	ng	-0.01
75) Chrysene-d12	16.17	240	372331	20.00	ng	-0.01
86) Perylene-d12	17.88	264	361837	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	492230	98.05	ng	0.00
7) Phenol-d6	6.84	99	611648	94.76	ng	0.00
23) Nitrobenzene-d5	7.97	82	343605	64.22	ng	-0.01
41) 2,4,6-Tribromophenol	12.02	330	177260	108.78	ng	0.00
44) 2-Fluorobiphenyl	10.21	172	798030	73.52	ng	0.00
78) Terphenyl-d14	14.88	244	1002690	62.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.25	88	53196	24.97	ng	97
3) Pyridine	2.98	79	150864	24.75	ng	96
4) n-Nitrosodimethylamine	2.90	42	76177	28.75	ng	95
6) Aniline	6.88	93	144963	16.25	ng	99
8) 2-Chlorophenol	7.01	128	171754	29.00	ng	100
10) Phenol	6.85	94	209473	27.35	ng	90
11) bis(2-Chloroethyl)ether	6.98	93	152693	27.75	ng	98
12) 1,3-Dichlorobenzene	7.21	146	181601	28.16	ng	97
13) 1,4-Dichlorobenzene	7.31	146	187269	28.55	ng	99
14) 1,2-Dichlorobenzene	7.49	146	182420	29.23	ng	99
15) Benzyl Alcohol	7.46	79	139344	28.40	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.64	45	214610	27.28	ng	97
17) 2-Methylphenol	7.61	107	143672	31.04	ng	98
18) Hexachloroethane	7.90	117	62955	28.73	ng	# 78
19) n-Nitroso-di-n-propylamine	7.80	70	120042	29.29	ng	95
20) 3+4-Methylphenols	7.80	107	182987	30.01	ng	# 82
22) Acetophenone	7.79	105	231713	29.60	ng	92
24) Nitrobenzene	8.00	77	168404	29.91	ng	# 81
25) Isophorone	8.29	82	315070	29.68	ng	# 91
26) 2-Nitrophenol	8.40	139	81167	35.18	ng	94
27) 2,4-Dimethylphenol	8.45	122	158184	30.64	ng	99
28) bis(2-Chloroethoxy)methane	8.58	93	199006	29.67	ng	99
29) 2,4-Dichlorophenol	8.69	162	148729	30.69	ng	99
30) 1,2,4-Trichlorobenzene	8.80	180	159910	30.02	ng	99
31) Naphthalene	8.89	128	505264	30.36	ng	99
32) Benzoic acid	8.56	122	89463	35.66	ng	94
33) 4-Chloroaniline	8.96	127	117228	15.85	ng	# 88
34) Hexachlorobutadiene	9.05	225	89643	29.47	ng	99
35) Caprolactam	9.38	113	48142	32.54	ng	96
36) 4-Chloro-3-methylphenol	9.56	107	150845	30.96	ng	94
37) 2-Methylnaphthalene	9.74	142	344886	29.19	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.95	216	150669	31.03	ng	# 99
40) Hexachlorocyclopentadiene	9.94	237	174312	66.94	ng	97
42) 2,4,6-Trichlorophenol	10.10	196	113038	35.15	ng	99

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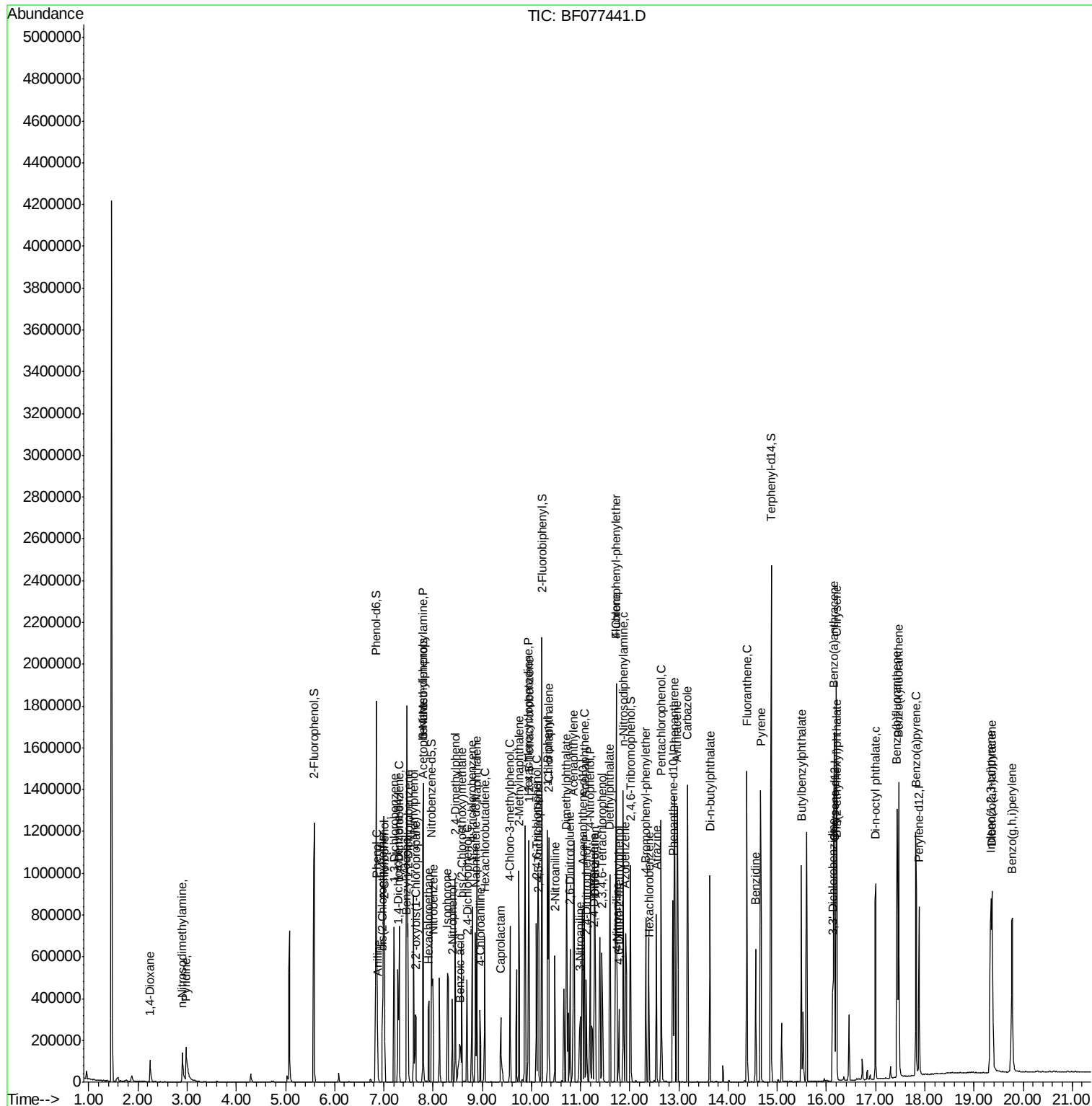
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	10.14	196	121584	35.36	ng	97
45) 1,1'-Biphenyl	10.33	154	414311	32.31	ng	97
46) 2-Chloronaphthalene	10.35	162	335779	33.39	ng	98
47) 2-Nitroaniline	10.48	65	94731	38.27	ng	92
48) Acenaphthylene	10.87	152	552200	34.69	ng	99
49) Dimethylphthalate	10.72	163	402293	33.82	ng	99
50) 2,6-Dinitrotoluene	10.79	165	87324	36.60	ng	# 61
51) Acenaphthene	11.08	154	317724	33.45	ng	99
52) 3-Nitroaniline	10.99	138	70022	25.46	ng	82
53) 2,4-Dinitrophenol	11.12	184	61731	85.03	ng	# 62
54) Dibenzofuran	11.30	168	489668	33.38	ng	93
55) 4-Nitrophenol	11.20	139	161600	73.04	ng	# 75
56) 2,4-Dinitrotoluene	11.28	165	119041	36.93	ng	# 71
57) Fluorene	11.72	166	399535	34.07	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.44	232	101889	36.86	ng	98
59) Diethylphthalate	11.60	149	383236	32.68	ng	96
60) 4-Chlorophenyl-phenylether	11.72	204	182902	32.37	ng	# 90
61) 4-Nitroaniline	11.75	138	97548	37.00	ng	88
62) Azobenzene	11.92	77	350737	31.52	ng	93
64) 4,6-Dinitro-2-methylphenol	11.78	198	45284	34.68	ng	70
65) n-Nitrosodiphenylamine	11.87	169	341565	30.45	ng	99
66) 4-Bromophenyl-phenylether	12.33	248	111020	28.04	ng	# 85
67) Hexachlorobenzene	12.40	284	127022	29.89	ng	# 75
68) Atrazine	12.55	200	115157	31.57	ng	96
69) Pentachlorophenol	12.64	266	147296	65.95	ng	98
70) Phenanthrene	12.91	178	623519	31.82	ng	100
71) Anthracene	12.97	178	597113	30.70	ng	100
72) Carbazole	13.17	167	578244	31.27	ng	99
73) Di-n-butylphthalate	13.63	149	626503	28.85	ng	# 98
74) Fluoranthene	14.39	202	688319	32.15	ng	99
76) Benzidine	14.56	184	279165	22.19	ng	98
77) Pyrene	14.66	202	707191	31.05	ng	98
79) Butylbenzylphthalate	15.49	149	292343	31.20	ng	97
80) Benzo(a)anthracene	16.16	228	701531	32.15	ng	100
81) 3,3'-Dichlorobenzidine	16.13	252	143761	17.98	ng	98
82) Chrysene	16.20	228	638321	31.15	ng	97
83) Bis(2-ethylhexyl)phthalate	16.21	149	401169	26.70	ng	99
84) Di-n-octyl phthalate	17.00	149	697011	27.78	ng	99
85) Indeno(1,2,3-cd)pyrene	19.35	276	741366	31.73	ng	100
87) Benzo(b)fluoranthene	17.44	252	736230	34.99	ng	# 96
88) Benzo(k)fluoranthene	17.47	252	590155	28.62	ng	99
89) Benzo(a)pyrene	17.81	252	658620	32.87	ng	# 96
90) Dibenzo(a,h)anthracene	19.37	278	617945	32.33	ng	99
91) Benzo(g,h,i)perylene	19.78	276	630179	32.67	ng	# 94

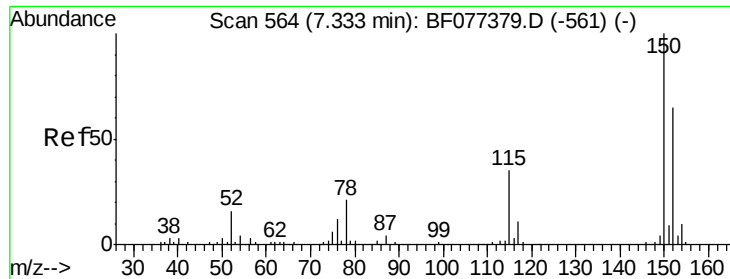
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.29 min Scan# 560

Delta R.T. 0.00 min

Lab File: BF077441.D

Acq: 25 Feb 2015 18:49

Instrument :

BNA_F

ClientSampleId :

PB81872BS

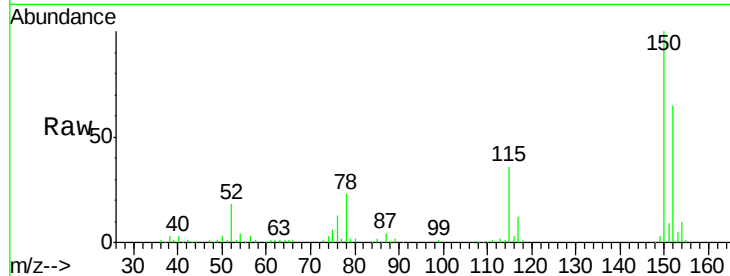
Tgt Ion:152 Resp: 83808

Ion Ratio Lower Upper

152 100

150 153.5 124.0 186.0

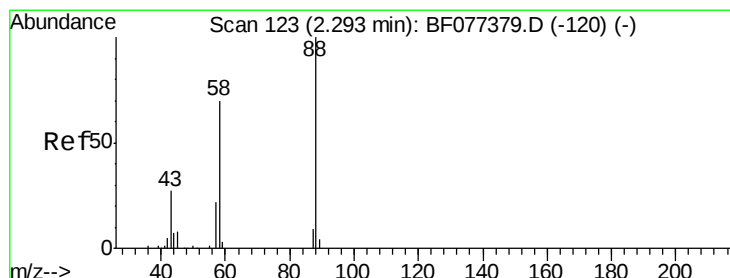
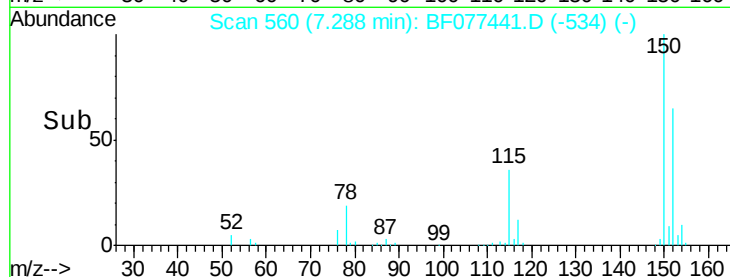
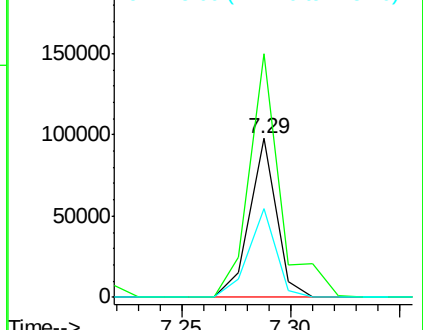
115 56.0 49.4 74.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 24.97 ng

RT: 2.25 min Scan# 119

Delta R.T. 0.01 min

Lab File: BF077441.D

Acq: 25 Feb 2015 18:49

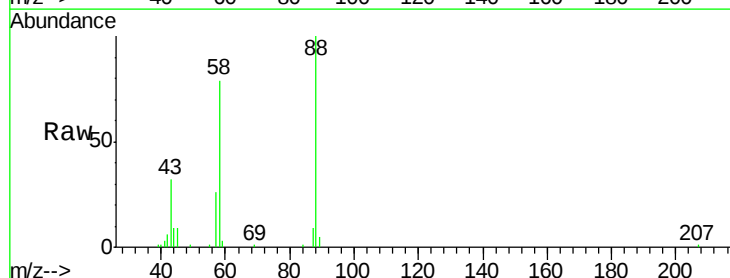
Tgt Ion: 88 Resp: 53196

Ion Ratio Lower Upper

88 100

58 74.6 62.1 93.1

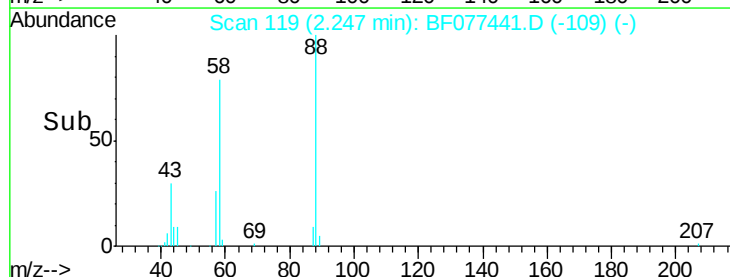
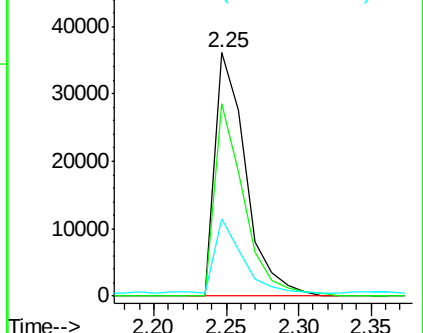
43 28.4 24.0 36.0



Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 24.75 ng

RT: 2.98 min Scan# 183

Delta R.T. 0.02 min

Lab File: BF077441.D

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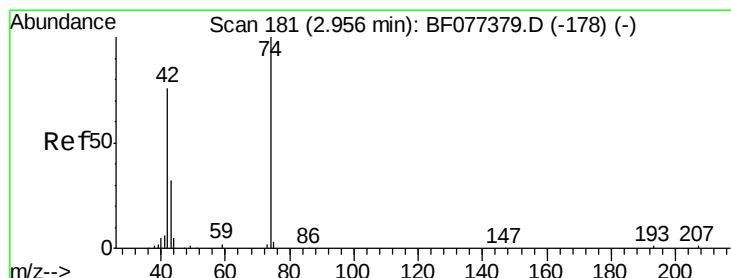
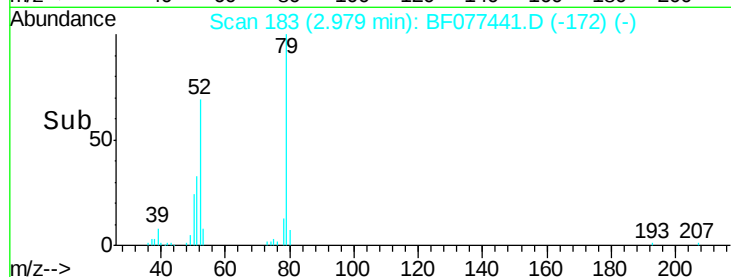
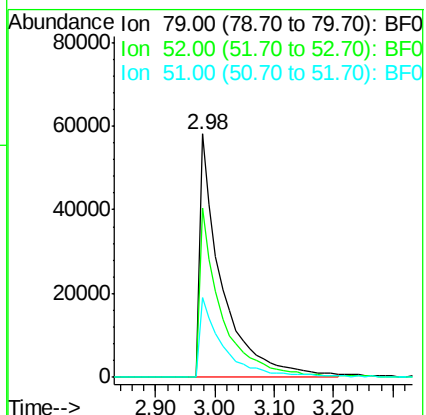
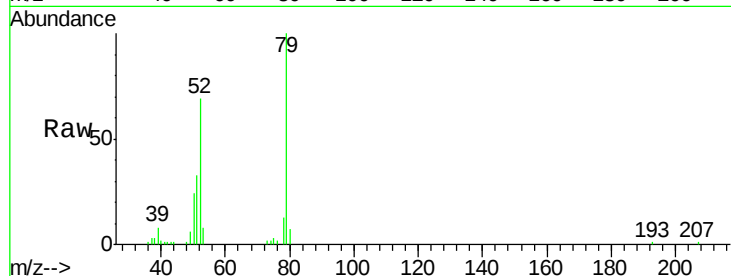
Tgt Ion: 79 Resp: 150864

Ion Ratio Lower Upper

79 100

52 69.4 57.7 86.5

51 32.9 28.5 42.7



#4

n-Nitrosodimethylamine

Concen: 28.75 ng

RT: 2.90 min Scan# 176

Delta R.T. 0.01 min

Lab File: BF077441.D

Acq: 25 Feb 2015 18:49

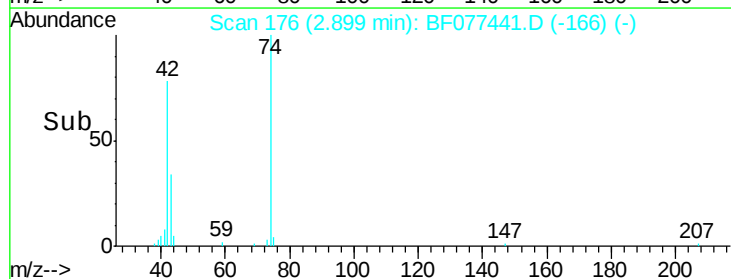
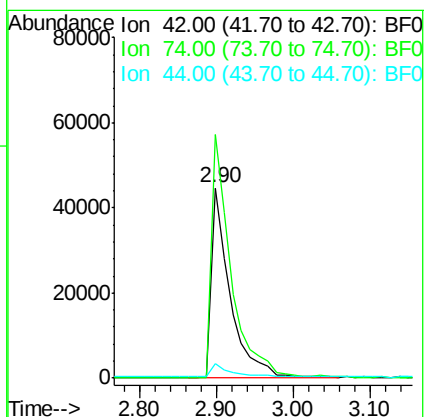
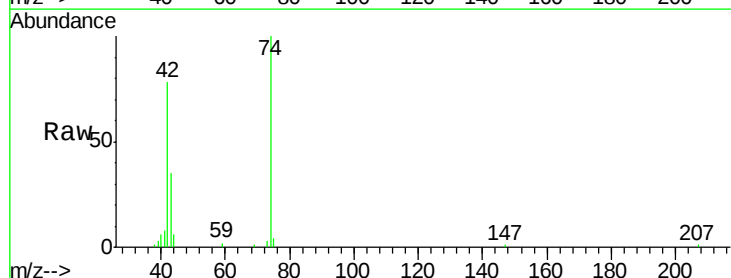
Tgt Ion: 42 Resp: 76177

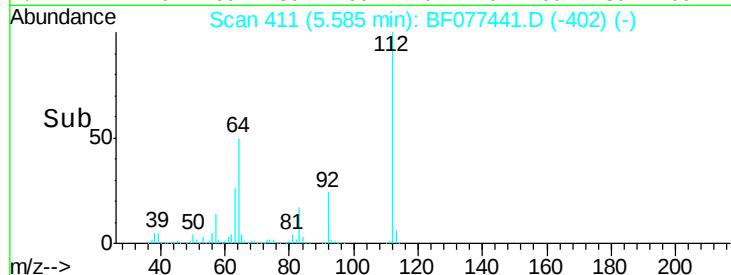
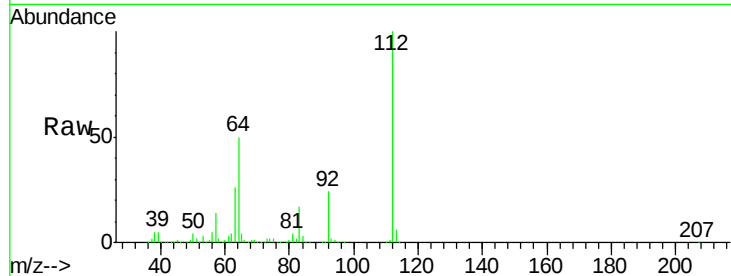
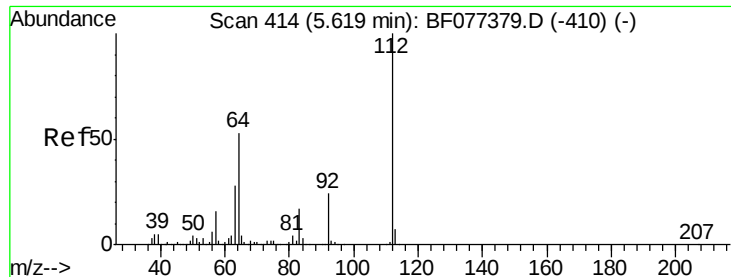
Ion Ratio Lower Upper

42 100

74 128.2 107.1 160.7

44 7.4 6.7 10.1





#5

2-Fluorophenol

Concen: 98.05 ng

RT: 5.58 min Scan# 411

Delta R.T. 0.00 min

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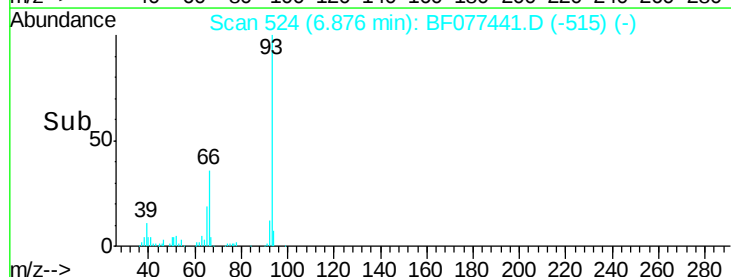
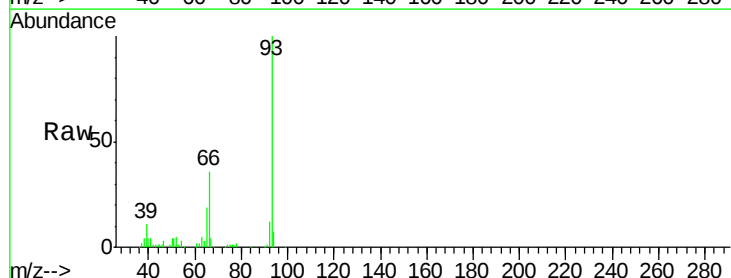
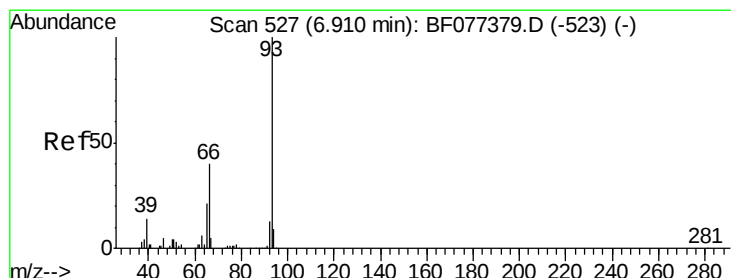
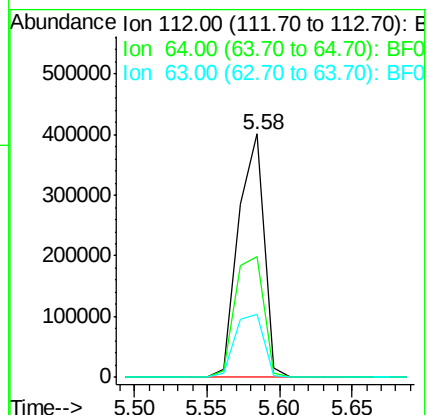
Tgt Ion: 112 Resp: 492230

Ion Ratio Lower Upper

112 100

64 49.7 48.5 72.7

63 25.9 25.0 37.4



#6

Aniline

Concen: 16.25 ng

RT: 6.88 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF077441.D

Acq: 25 Feb 2015 18:49

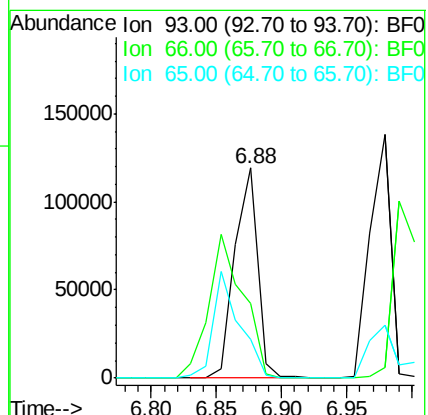
Tgt Ion: 93 Resp: 144963

Ion Ratio Lower Upper

93 100

66 35.6 29.1 43.7

65 18.6 14.6 22.0





#7

Phenol-d6

Concen: 94.76 ng

RT: 6.84 min Scan# 521

Delta R.T. 0.00 min

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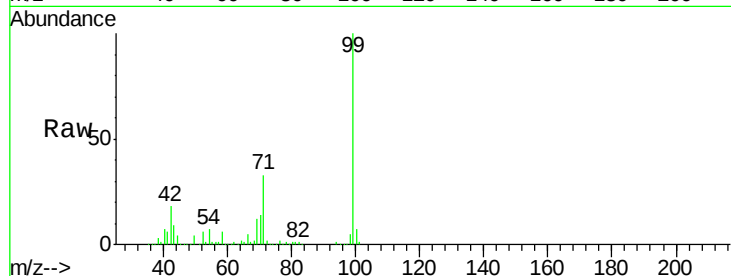
Tgt Ion: 99 Resp: 611648

Ion Ratio Lower Upper

99 100

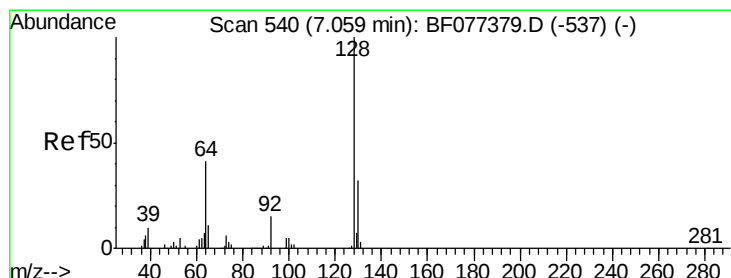
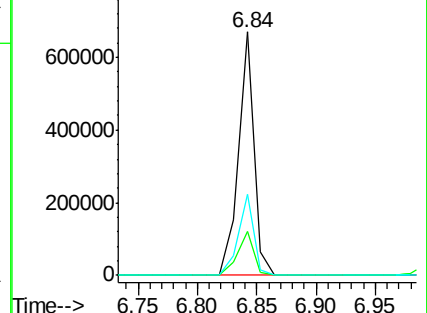
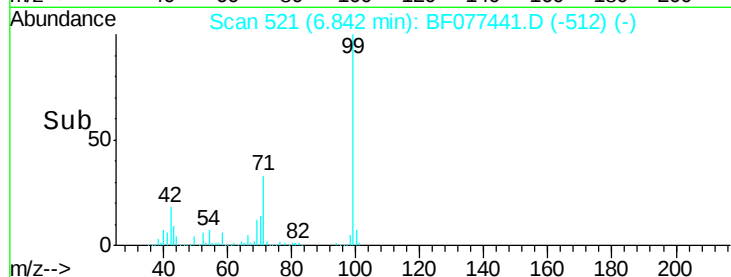
42 18.0 16.2 24.4

71 33.2 26.7 40.1



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

6.84



#8

2-Chlorophenol

Concen: 29.00 ng

RT: 7.01 min Scan# 536

Delta R.T. 0.00 min

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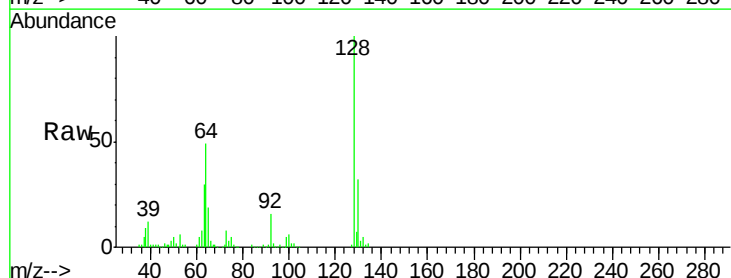
Tgt Ion: 128 Resp: 171754

Ion Ratio Lower Upper

128 100

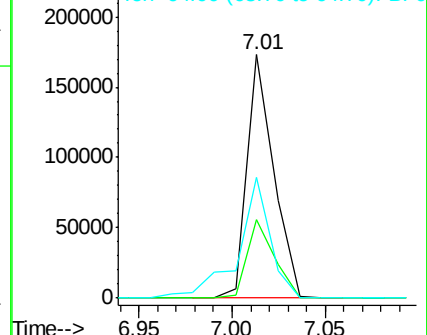
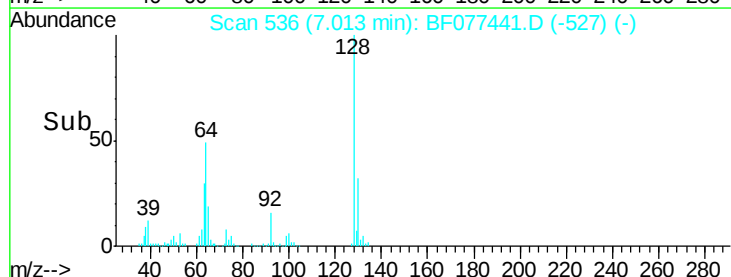
130 32.4 12.0 52.0

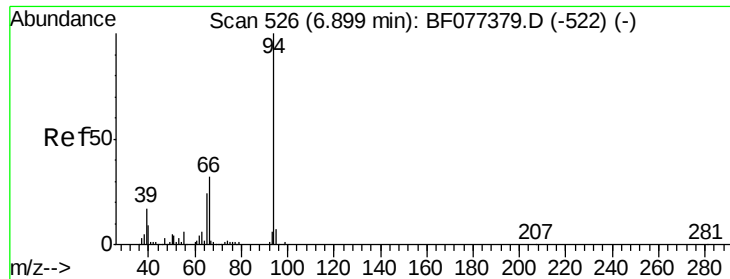
64 49.4 29.2 69.2



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

7.01





#10

Phenol

Concen: 27.35 ng

RT: 6.85 min Scan# 522

Delta R.T. -0.01 min

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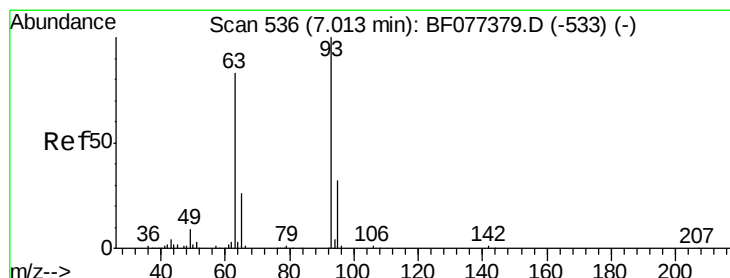
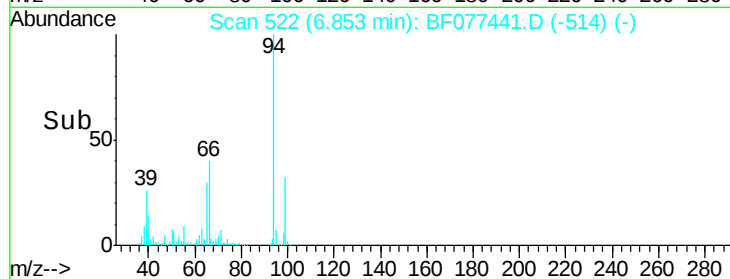
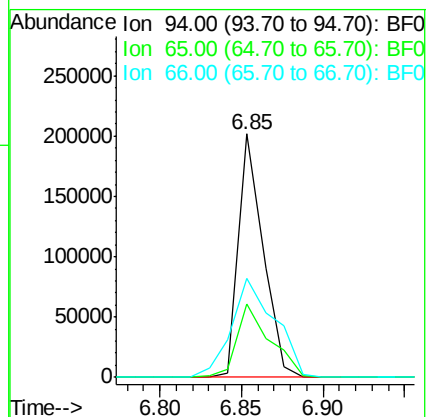
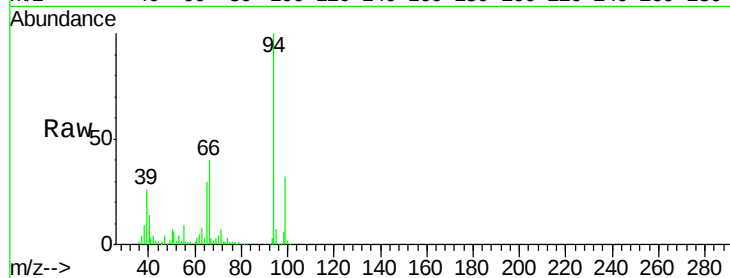
Tgt Ion: 94 Resp: 209473

Ion Ratio Lower Upper

94 100

65 29.9 5.7 45.7

66 40.4 13.6 53.6



#11

bis(2-Chloroethyl)ether

Concen: 27.75 ng

RT: 6.98 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF077441.D

Acq: 25 Feb 2015 18:49

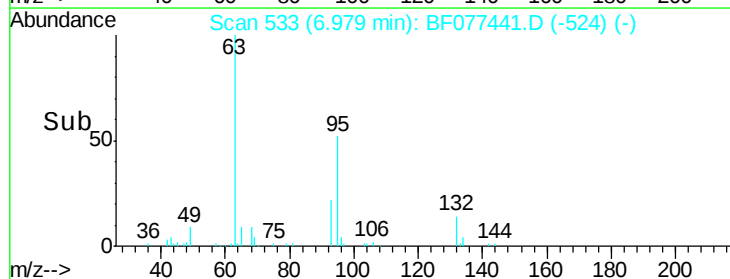
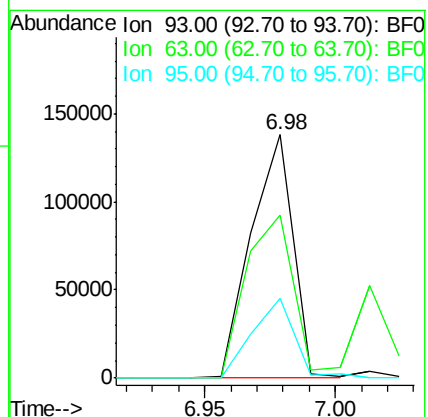
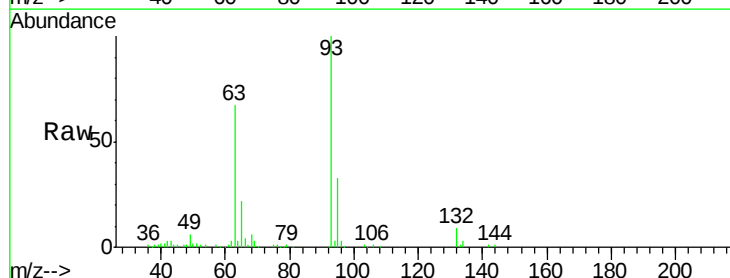
Tgt Ion: 93 Resp: 152693

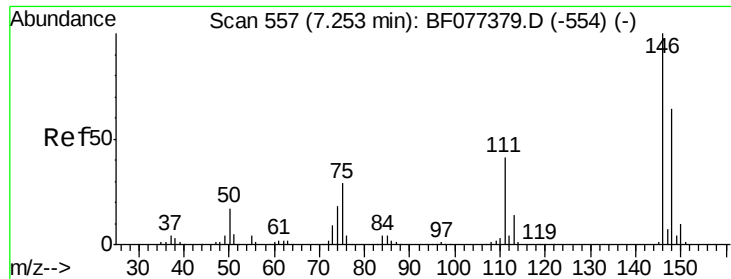
Ion Ratio Lower Upper

93 100

63 66.7 48.7 88.7

95 32.8 13.6 53.6

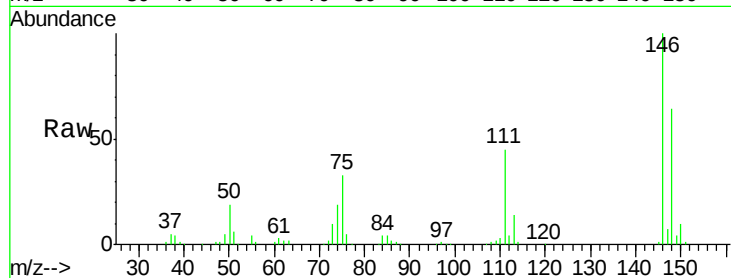




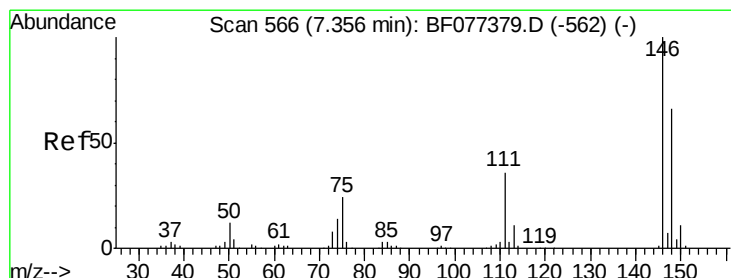
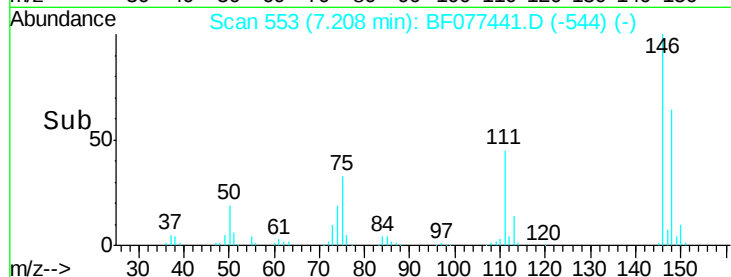
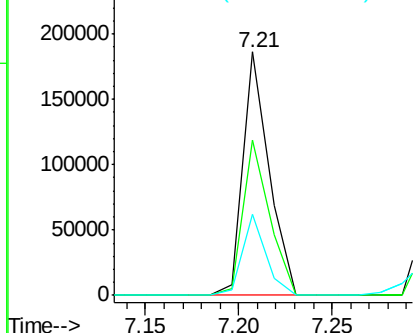
#12
 1,3-Dichlorobenzene
 Concen: 28.16 ng
 RT: 7.21 min Scan# 553
 Delta R.T. 0.00 min
 Lab File: BF077441.D
 Acq: 25 Feb 2015 18:49

Instrument :
 BNA_F
 ClientSampleId :
 PB81872BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	49.8	74.8
75	33.1	28.2	42.4

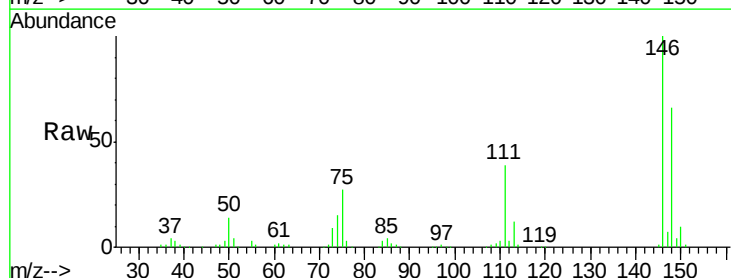


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

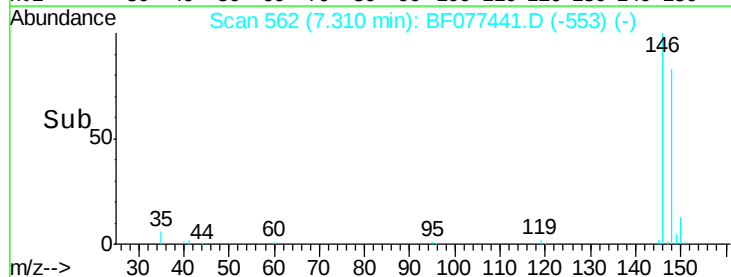
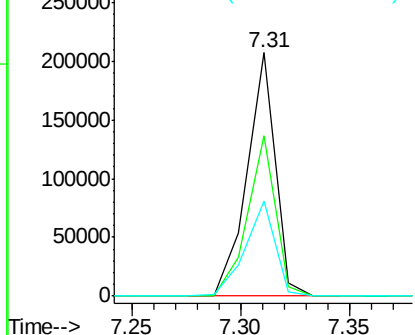


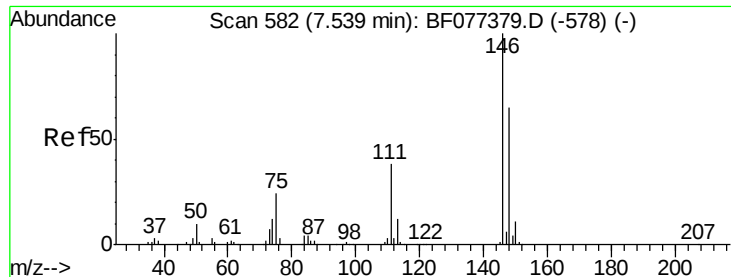
#13
 1,4-Dichlorobenzene
 Concen: 28.55 ng
 RT: 7.31 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: BF077441.D
 Acq: 25 Feb 2015 18:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	52.0	78.0
111	39.0	31.9	47.9



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





#14

1,2-Dichlorobenzene

Concen: 29.23 ng

RT: 7.49 min Scan# 578

Delta R.T. 0.00 min

Lab File: BF077441.D

Acq: 25 Feb 2015 18:49

Instrument :

BNA_F

ClientSampleId :

PB81872BS

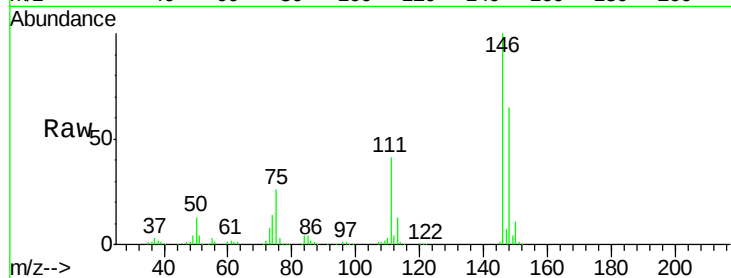
Tgt Ion:146 Resp: 182420

Ion Ratio Lower Upper

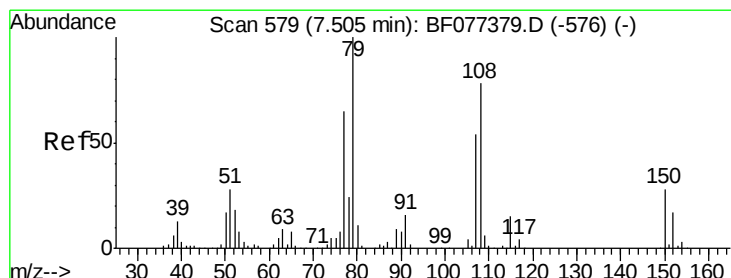
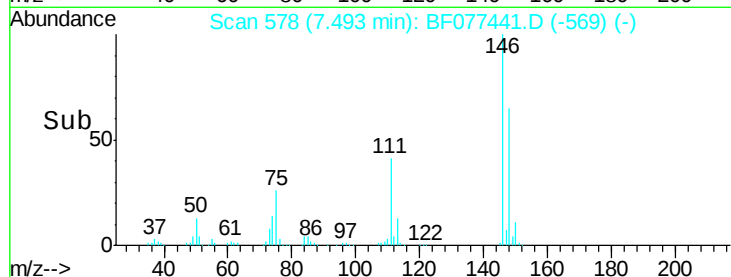
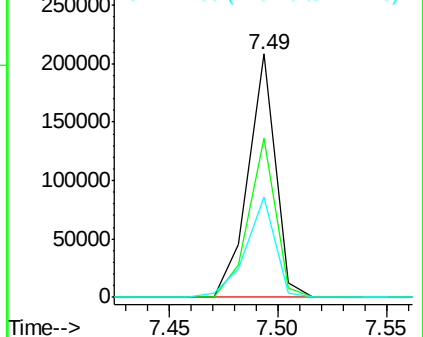
146 100

148 65.2 51.6 77.4

111 41.2 34.2 51.2



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



#15

Benzyl Alcohol

Concen: 28.40 ng

RT: 7.46 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF077441.D

Acq: 25 Feb 2015 18:49

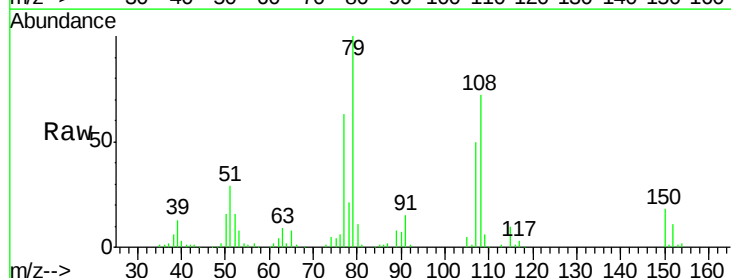
Tgt Ion: 79 Resp: 139344

Ion Ratio Lower Upper

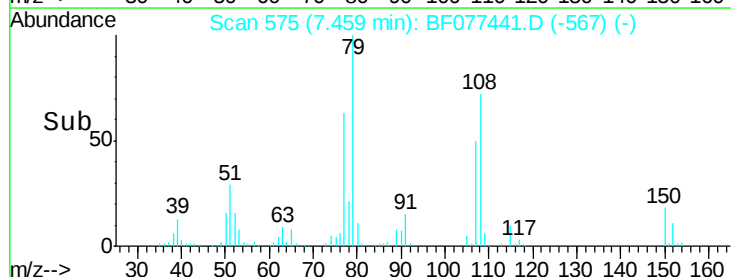
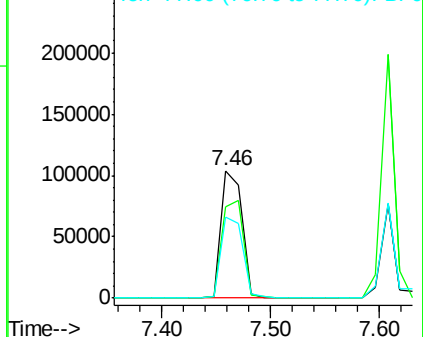
79 100

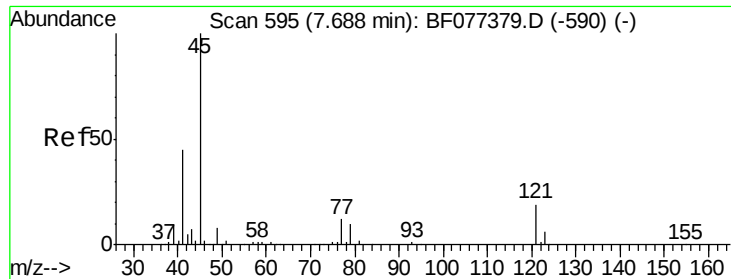
108 71.6 58.3 87.5

77 63.3 51.3 76.9



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

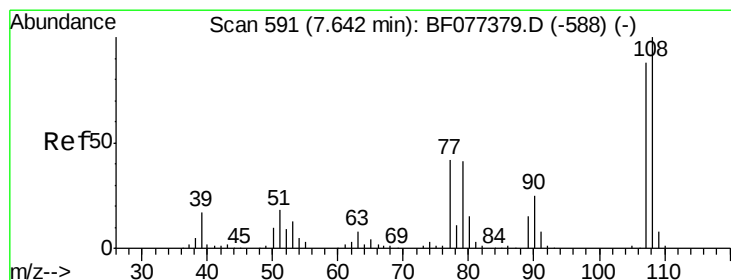
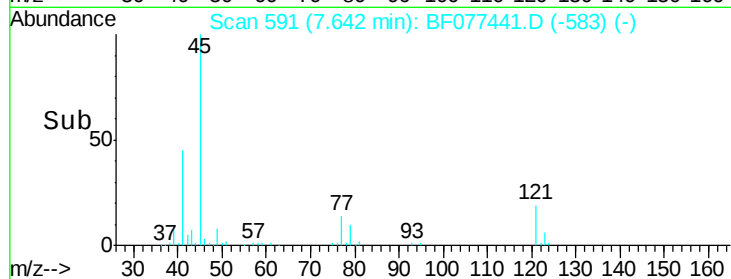
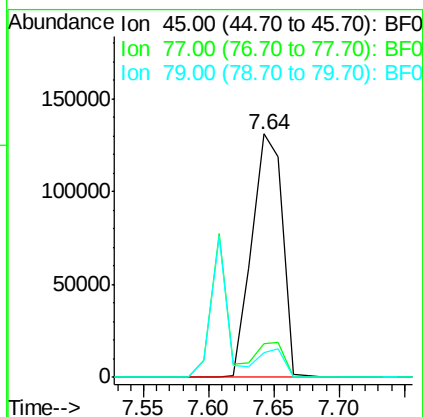
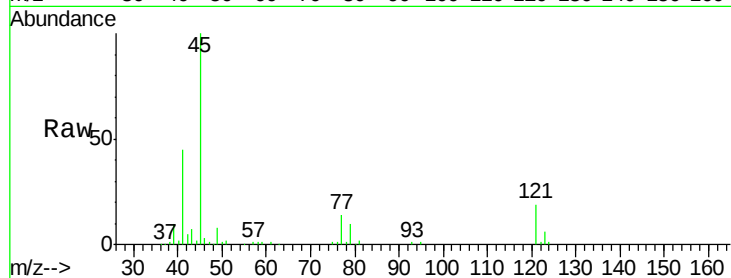




#16
2,2'-oxybis(1-Chloropropane)
Concen: 27.28 ng
RT: 7.64 min Scan# 591
Delta R.T. -0.01 min
Lab File: BF077441.D
Acq: 25 Feb 2015 18:49

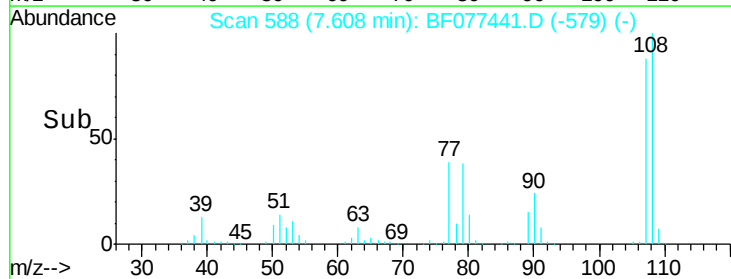
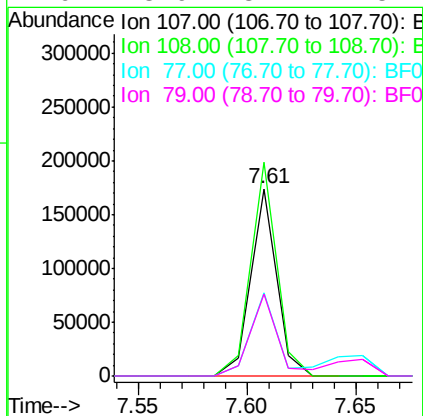
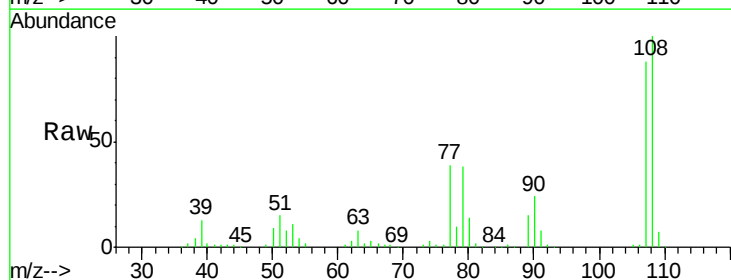
Instrument :
BNA_F
ClientSampleId :
PB81872BS

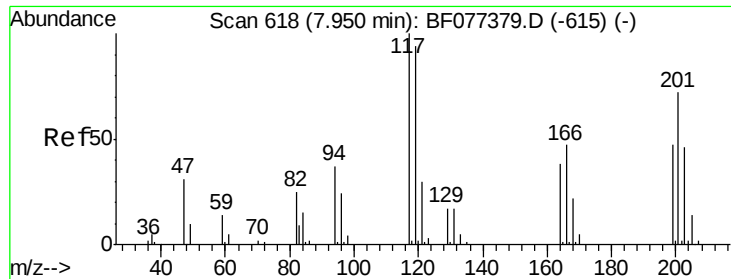
Tgt Ion: 45 Resp: 214610
Ion Ratio Lower Upper
45 100
77 13.6 0.0 34.6
79 10.0 0.0 31.5



#17
2-Methylphenol
Concen: 31.04 ng
RT: 7.61 min Scan# 588
Delta R.T. 0.00 min
Lab File: BF077441.D
Acq: 25 Feb 2015 18:49

Tgt Ion: 107 Resp: 143672
Ion Ratio Lower Upper
107 100
108 114.2 91.2 136.8
77 44.7 33.6 50.4
79 43.9 32.1 48.1

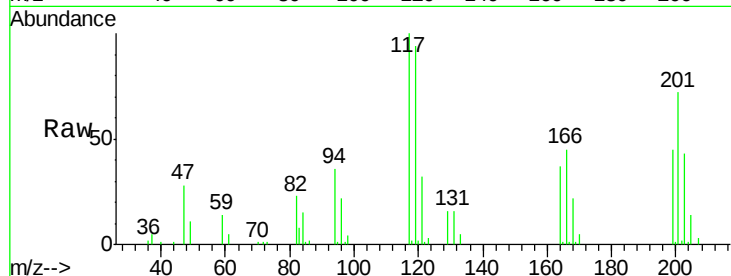




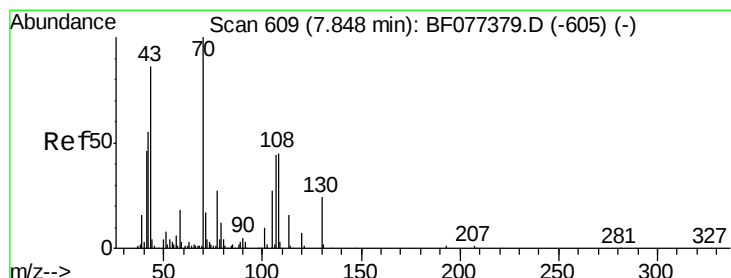
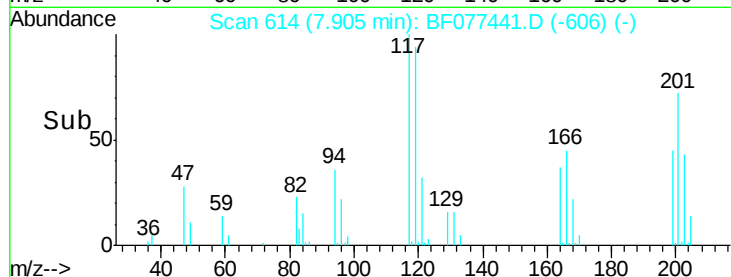
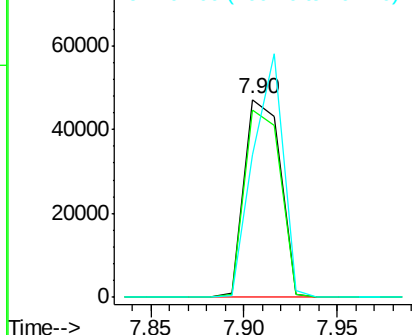
#18
Hexachloroethane
Concen: 28.73 ng
RT: 7.90 min Scan# 614
Delta R.T. -0.01 min
Lab File: BF077441.D
Acq: 25 Feb 2015 18:49

Instrument :
BNA_F
ClientSampleId :
PB81872BS

Tgt Ion: 117 Resp: 62955
Ion Ratio Lower Upper
117 100
119 94.4 77.8 116.8
201 71.8 90.6 136.0#



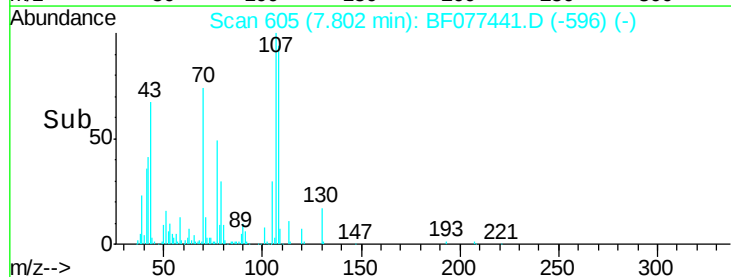
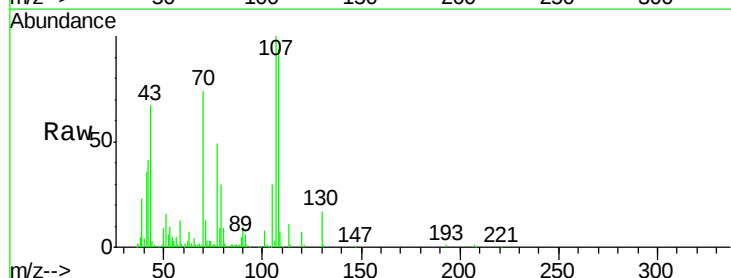
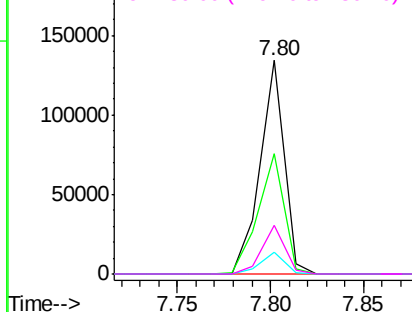
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

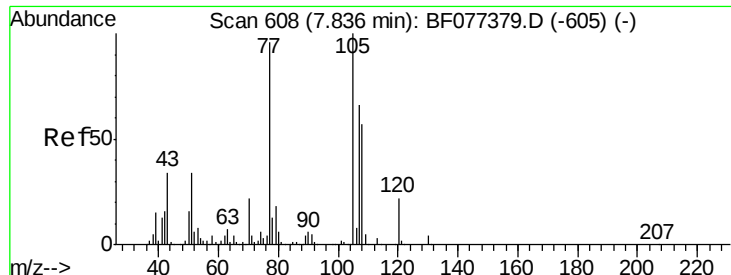


#19
n-Nitroso-di-n-propylamine
Concen: 29.29 ng
RT: 7.80 min Scan# 605
Delta R.T. 0.00 min
Lab File: BF077441.D
Acq: 25 Feb 2015 18:49

Tgt Ion: 70 Resp: 120042
Ion Ratio Lower Upper
70 100
42 56.1 48.3 72.5
101 10.3 7.5 11.3
130 22.9 16.7 25.1

Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

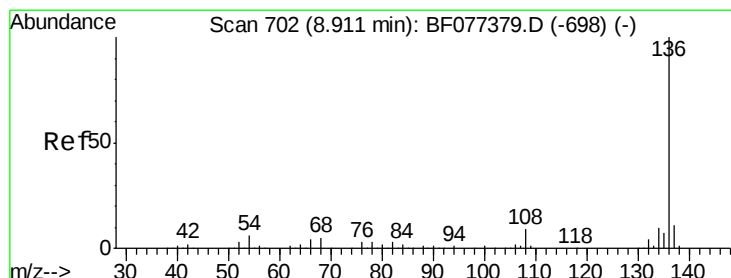
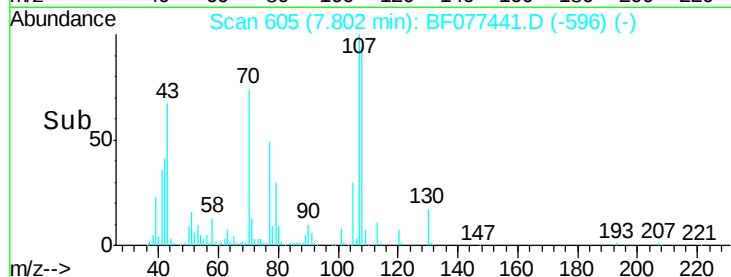
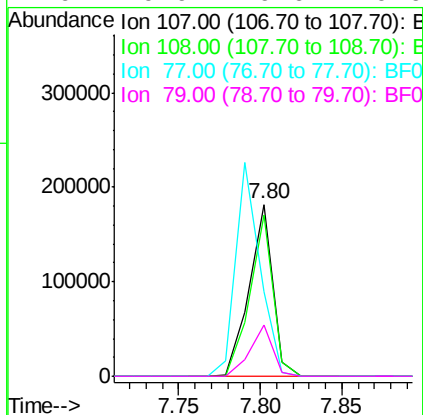
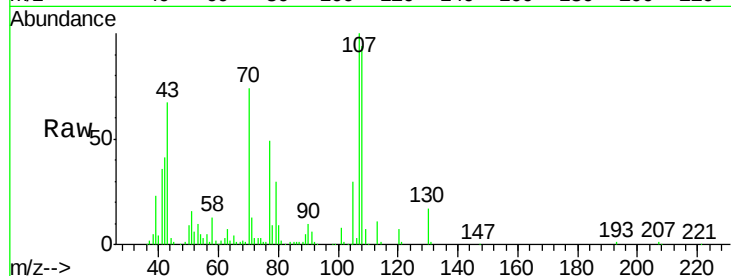




#20
 3+4-Methylphenols
 Concen: 30.01 ng
 RT: 7.80 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: BF077441.D
 Acq: 25 Feb 2015 18:49

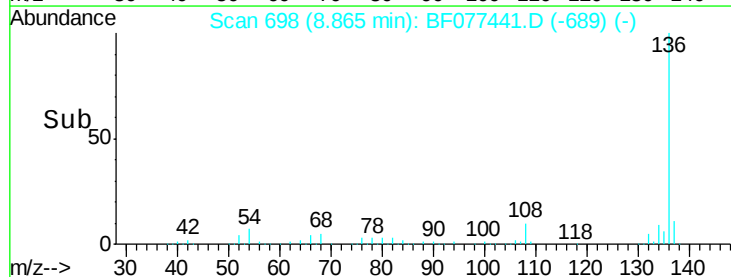
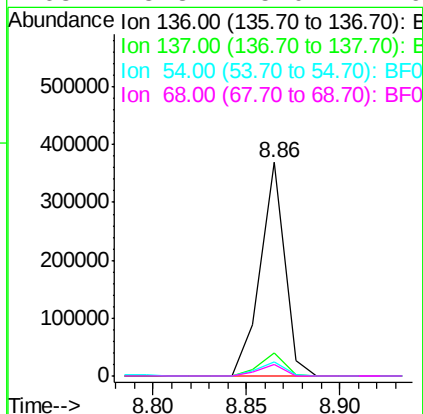
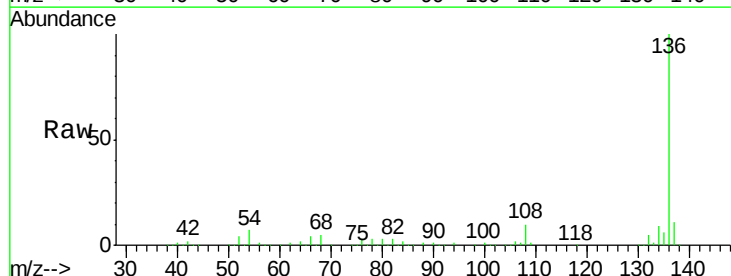
Instrument :
 BNA_F
 ClientSampleId :
 PB81872BS

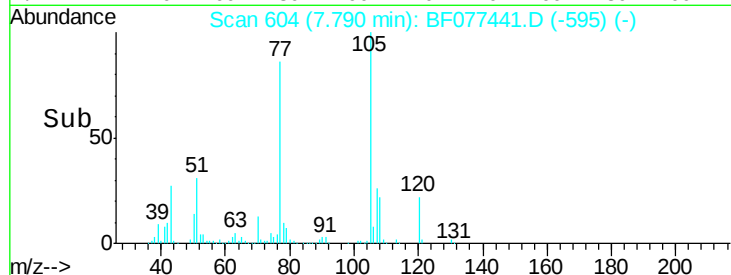
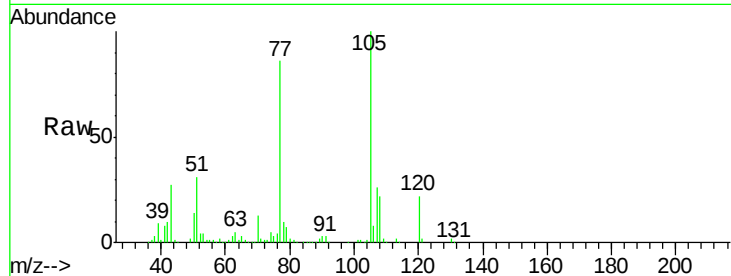
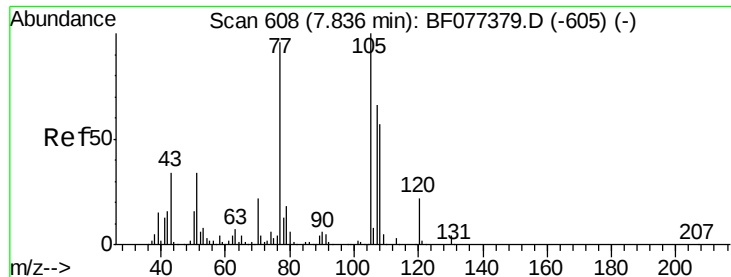
Tgt Ion:	107	Resp:	182987
Ion	Ratio	Lower	Upper
107	100		
108	93.6	76.8	116.8
77	49.1	65.8	105.8#
79	29.9	9.6	49.6



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.86 min Scan# 698
 Delta R.T. 0.00 min
 Lab File: BF077441.D
 Acq: 25 Feb 2015 18:49

Tgt Ion:	136	Resp:	332743
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	6.6	6.2	9.4
68	5.3	5.0	7.6





#22

Acetophenone

Concen: 29.60 ng

RT: 7.79 min Scan# 604

Delta R.T. 0.00 min

Lab File: BF077441.D

Acq: 25 Feb 2015 18:49

Instrument :

BNA_F

ClientSampleId :

PB81872BS

Tgt Ion: 105 Resp: 231713

Ion Ratio Lower Upper

105 100

71 2.4 1.7 2.5

51 31.0 30.7 46.1

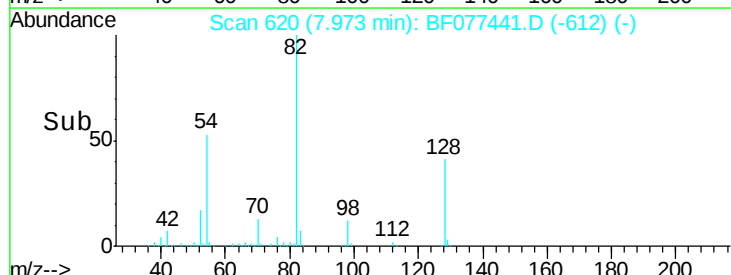
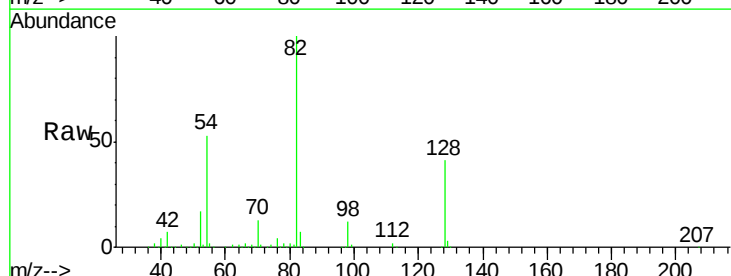
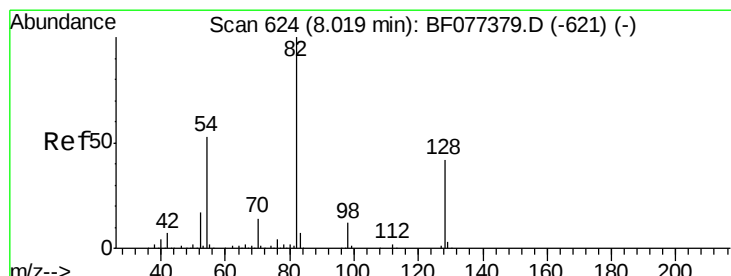
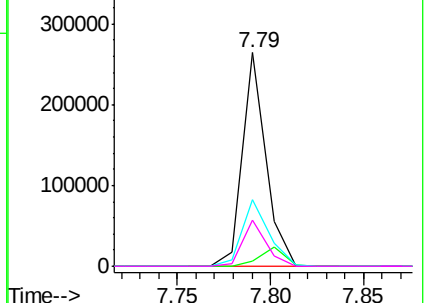
120 21.5 16.7 25.1

Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 64.22 ng

RT: 7.97 min Scan# 620

Delta R.T. -0.01 min

Lab File: BF077441.D

Acq: 25 Feb 2015 18:49

Tgt Ion: 82 Resp: 343605

Ion Ratio Lower Upper

82 100

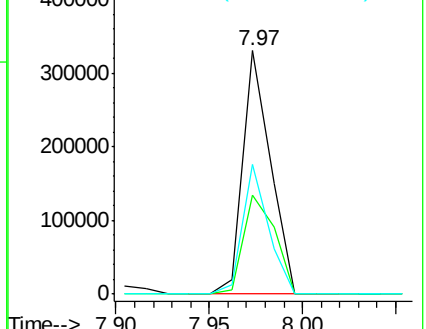
128 40.6 43.8 65.8#

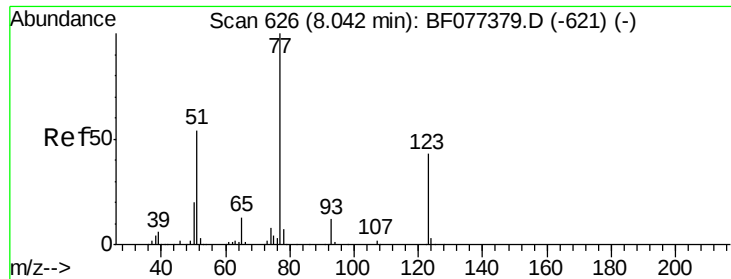
54 53.2 36.7 55.1

Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 29.91 ng

RT: 8.00 min Scan# 622

Delta R.T. -0.01 min

Lab File: BF077441.D

Acq: 25 Feb 2015 18:49

Instrument :

BNA_F

ClientSampleId :

PB81872BS

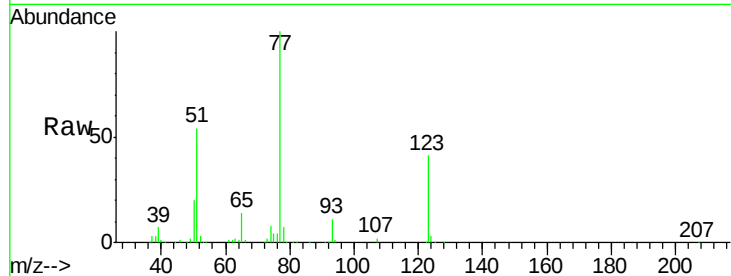
Tgt Ion: 77 Resp: 168404

Ion Ratio Lower Upper

77 100

123 41.3 45.9 68.9#

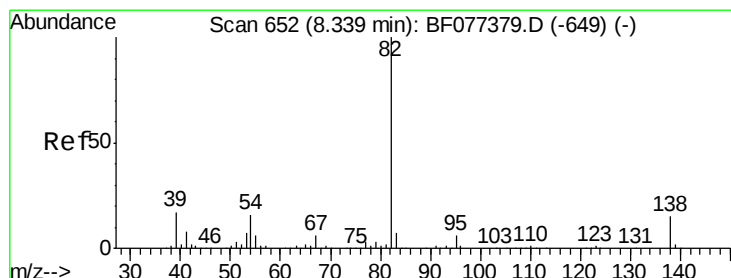
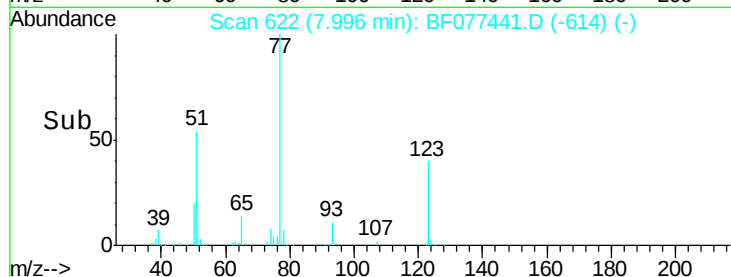
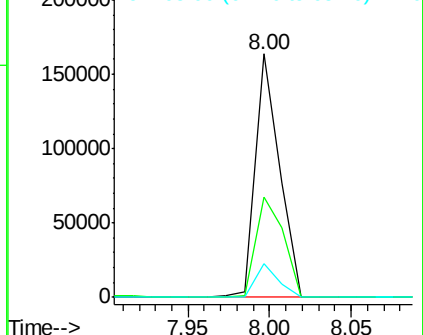
65 13.8 9.5 14.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 29.68 ng

RT: 8.29 min Scan# 648

Delta R.T. -0.01 min

Lab File: BF077441.D

Acq: 25 Feb 2015 18:49

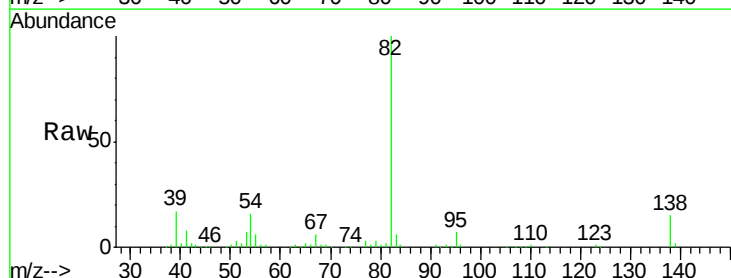
Tgt Ion: 82 Resp: 315070

Ion Ratio Lower Upper

82 100

95 6.6 5.4 8.2

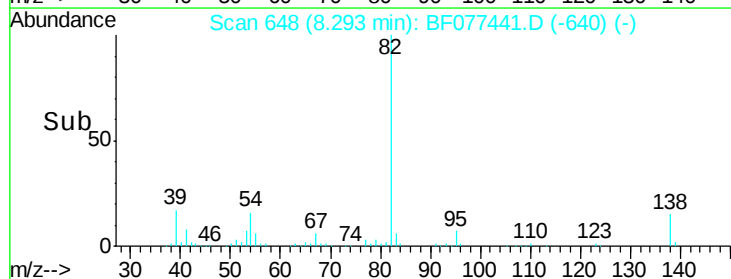
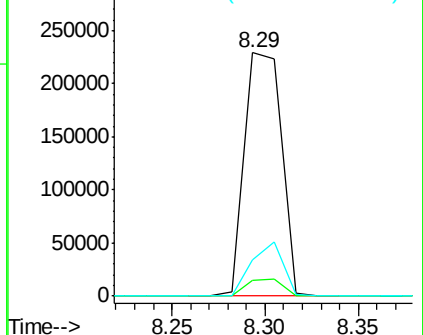
138 14.7 16.3 24.5#

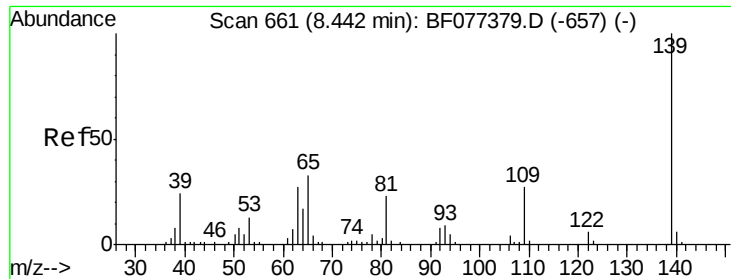


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

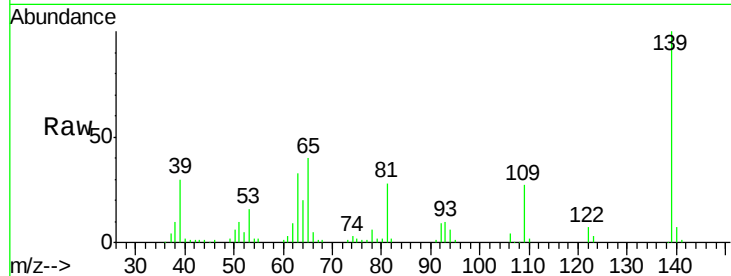




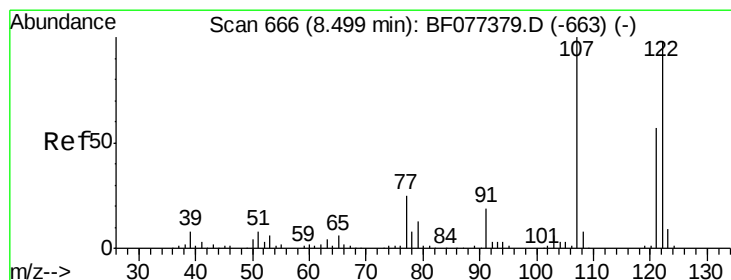
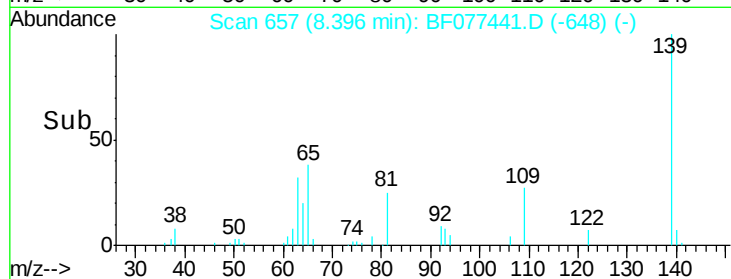
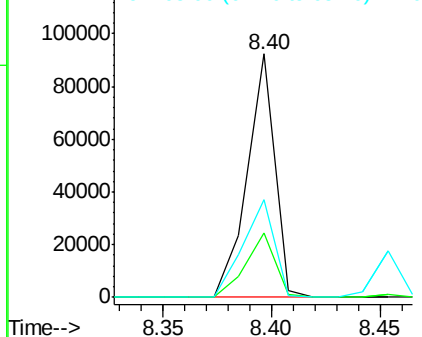
#26
 2-Nitrophenol
 Concen: 35.18 ng
 RT: 8.40 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF077441.D
 Acq: 25 Feb 2015 18:49

Instrument :
 BNA_F
 ClientSampleId :
 PB81872BS

Tgt Ion	Ratio	Lower	Upper
139	100		
109	26.6	22.6	34.0
65	40.0	36.4	54.6

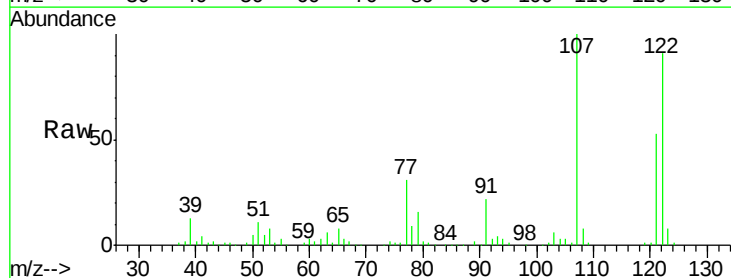


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF0

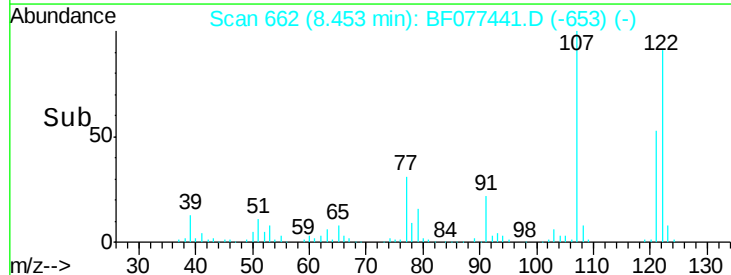
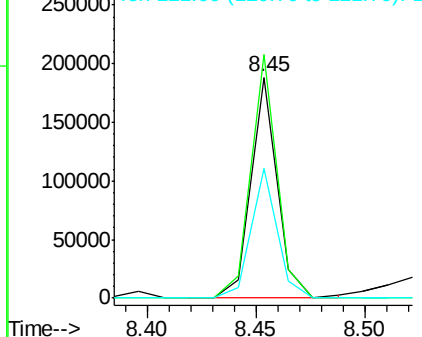


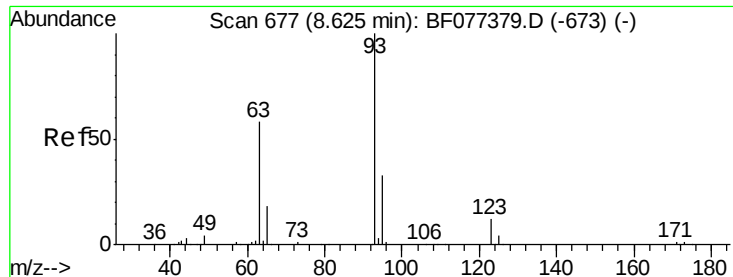
#27
 2,4-Dimethylphenol
 Concen: 30.64 ng
 RT: 8.45 min Scan# 662
 Delta R.T. 0.00 min
 Lab File: BF077441.D
 Acq: 25 Feb 2015 18:49

Tgt Ion	Ratio	Lower	Upper
122	100		
107	110.2	86.6	130.0
121	58.9	47.4	71.0



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

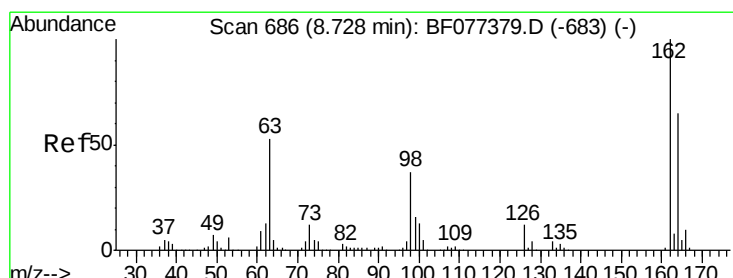
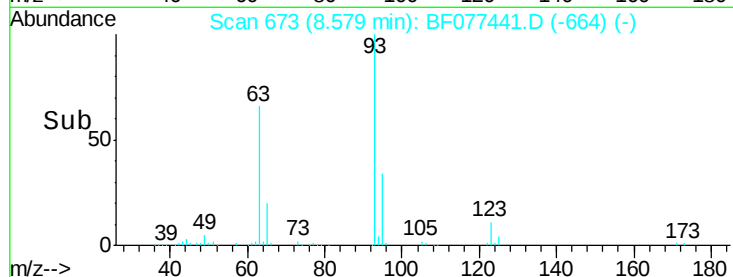
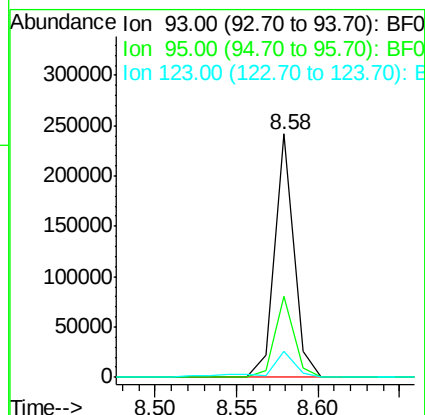
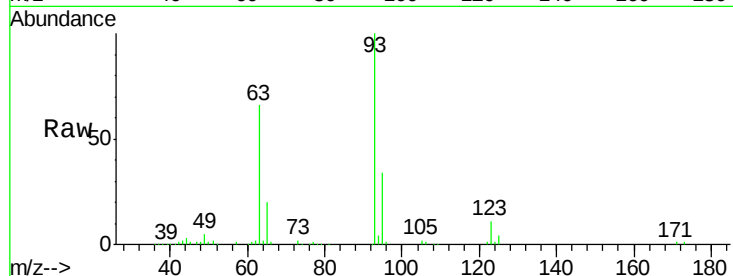




#28
bis(2-Chloroethoxy)methane
Concen: 29.67 ng
RT: 8.58 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF077441.D
Acq: 25 Feb 2015 18:49

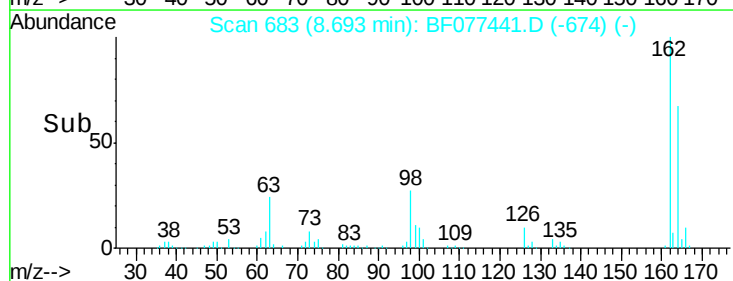
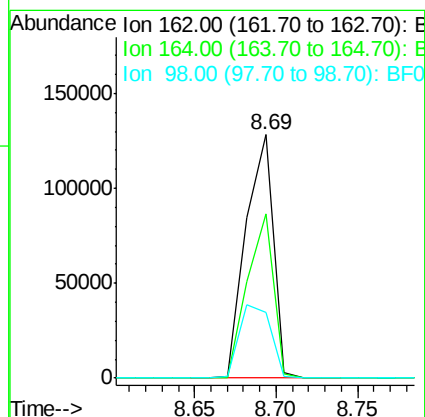
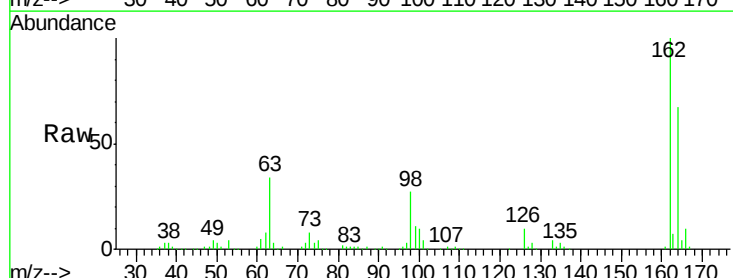
Instrument :
BNA_F
ClientSampleId :
PB81872BS

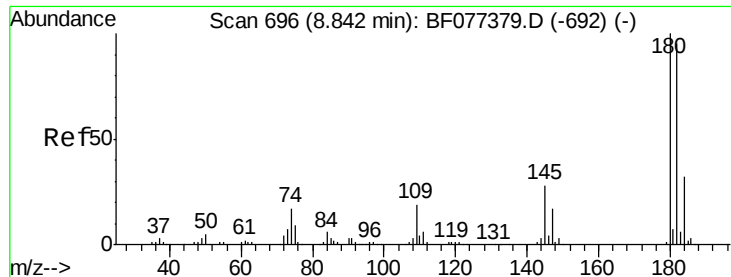
Tgt Ion: 93 Resp: 199006
Ion Ratio Lower Upper
93 100
95 33.5 26.4 39.6
123 10.6 8.7 13.1



#29
2,4-Dichlorophenol
Concen: 30.69 ng
RT: 8.69 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF077441.D
Acq: 25 Feb 2015 18:49

Tgt Ion: 162 Resp: 148729
Ion Ratio Lower Upper
162 100
164 67.3 46.4 86.4
98 27.2 6.9 46.9

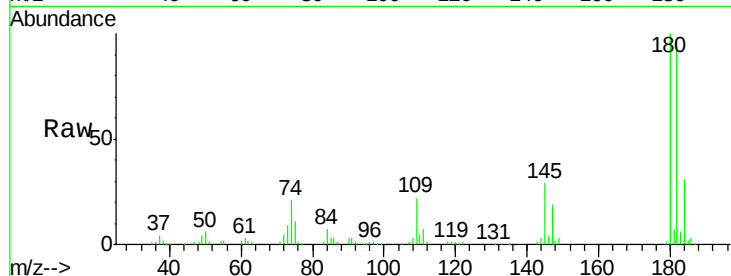




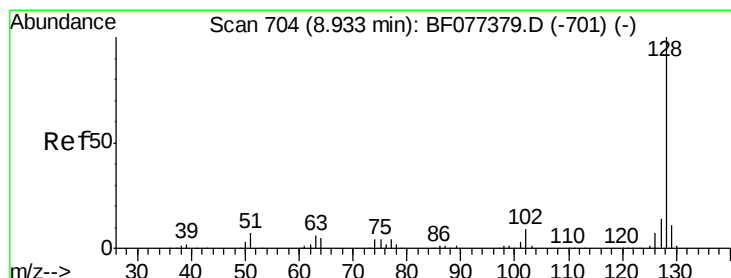
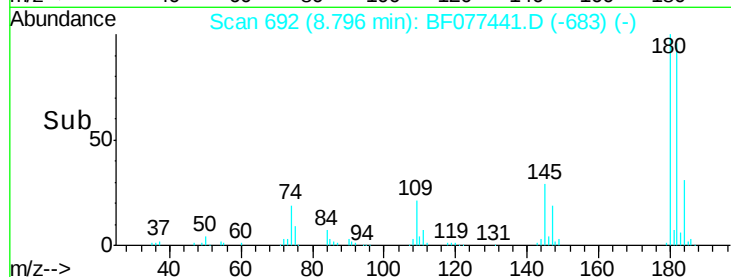
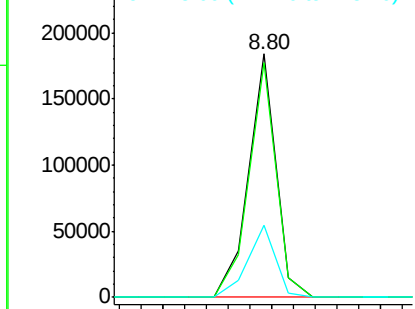
#30
 1,2,4-Trichlorobenzene
 Concen: 30.02 ng
 RT: 8.80 min Scan# 692
 Delta R.T. 0.00 min
 Lab File: BF077441.D
 Acq: 25 Feb 2015 18:49

Instrument :
 BNA_F
 ClientSampleId :
 PB81872BS

Tgt Ion:180 Resp: 159910
 Ion Ratio Lower Upper
 180 100
 182 96.1 76.2 114.4
 145 29.4 24.5 36.7

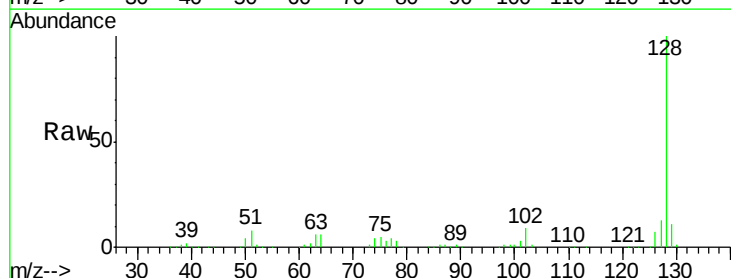


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

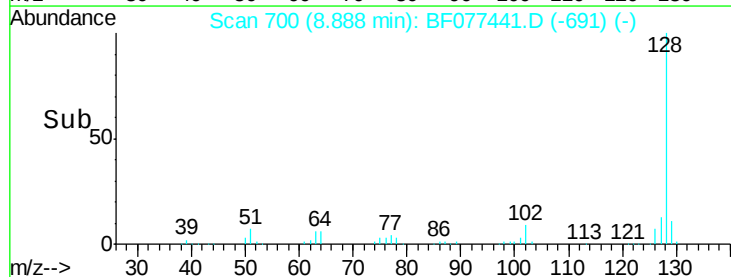
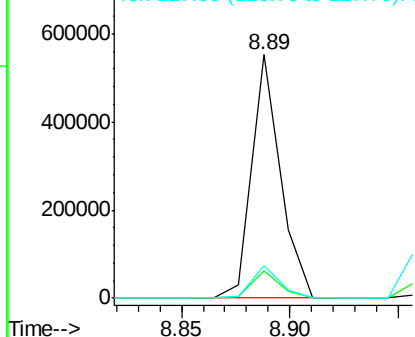


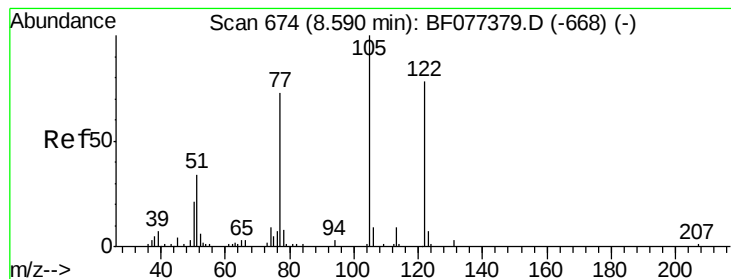
#31
 Naphthalene
 Concen: 30.36 ng
 RT: 8.89 min Scan# 700
 Delta R.T. 0.00 min
 Lab File: BF077441.D
 Acq: 25 Feb 2015 18:49

Tgt Ion:128 Resp: 505264
 Ion Ratio Lower Upper
 128 100
 129 11.3 9.4 14.0
 127 13.3 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 35.66 ng

RT: 8.56 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF077441.D

Acq: 25 Feb 2015 18:49

Instrument :

BNA_F

ClientSampleId :

PB81872BS

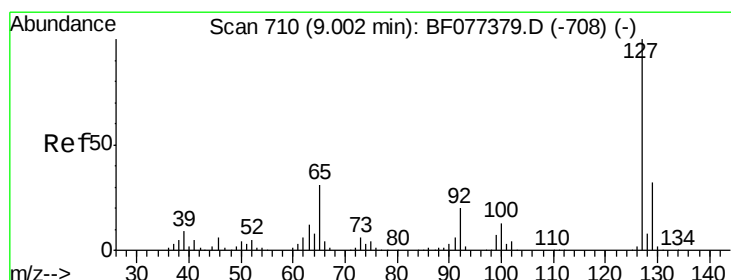
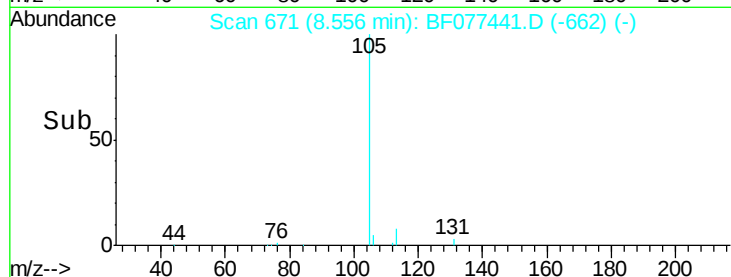
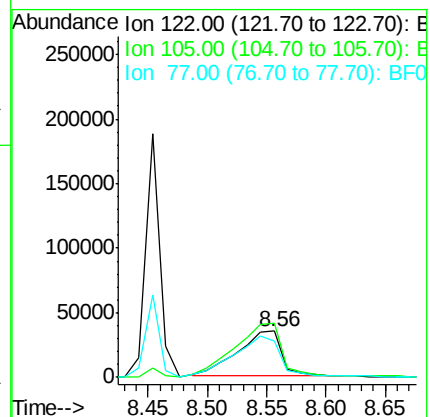
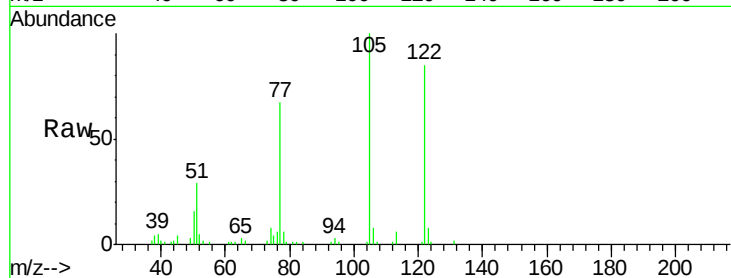
Tgt Ion:122 Resp: 89463

Ion Ratio Lower Upper

122 100

105 117.2 100.3 140.3

77 79.1 68.7 108.7



#33

4-Chloroaniline

Concen: 15.85 ng

RT: 8.96 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF077441.D

Acq: 25 Feb 2015 18:49

Tgt Ion:127 Resp: 117228

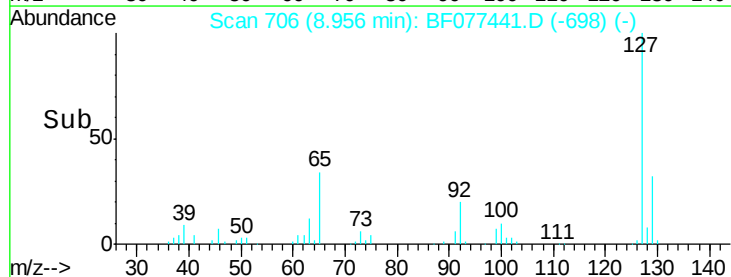
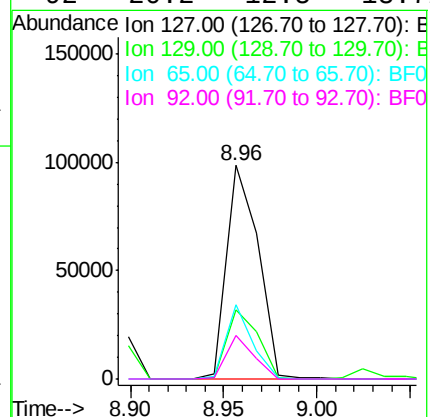
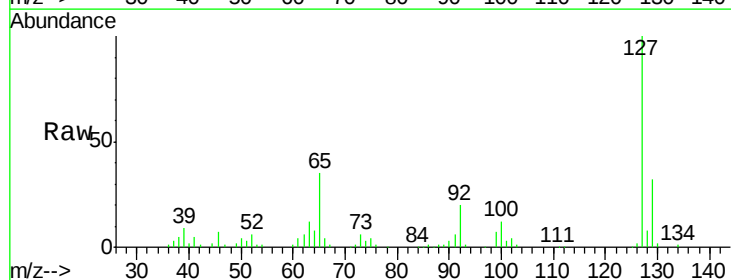
Ion Ratio Lower Upper

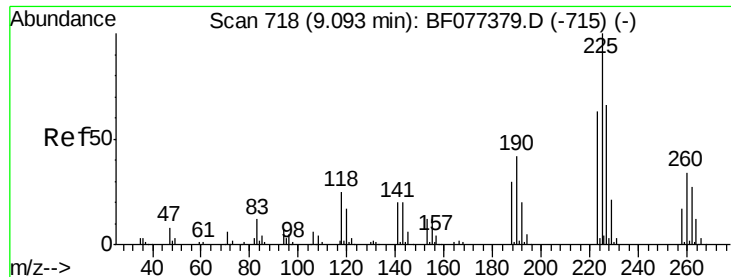
127 100

129 32.2 26.9 40.3

65 34.7 16.7 25.1#

92 20.2 12.5 18.7#

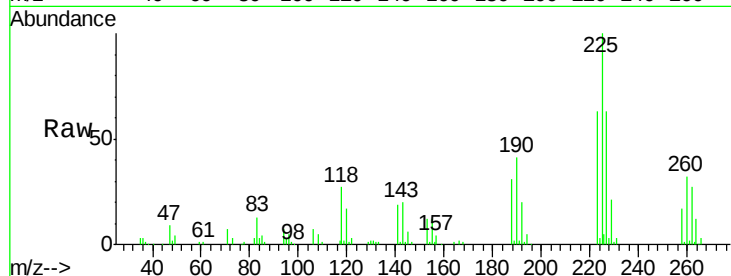




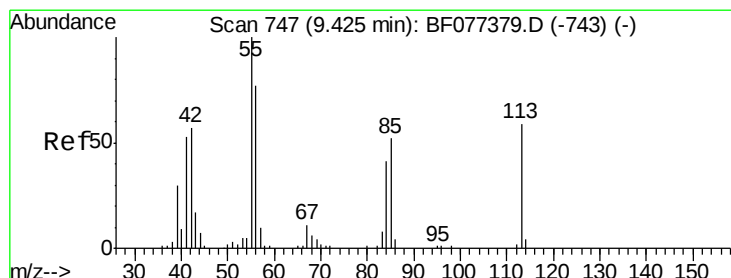
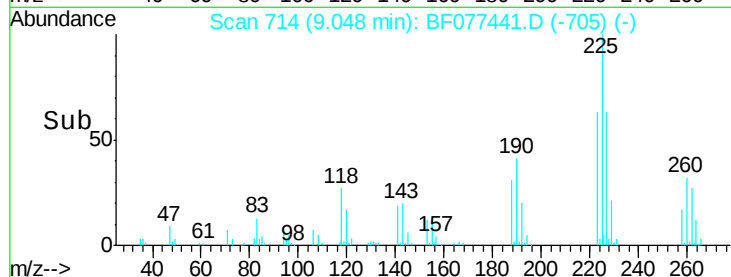
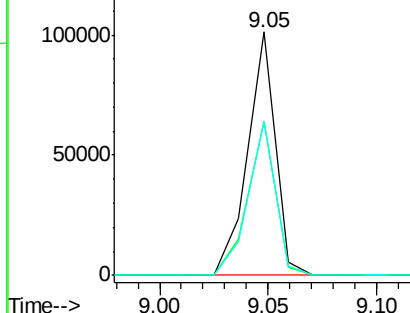
#34
Hexachlorobutadiene
Concen: 29.47 ng
RT: 9.05 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF077441.D
Acq: 25 Feb 2015 18:49

Instrument :
BNA_F
ClientSampleId :
PB81872BS

Tgt Ion:225 Resp: 89643
Ion Ratio Lower Upper
225 100
223 63.3 49.5 74.3
227 63.5 50.5 75.7

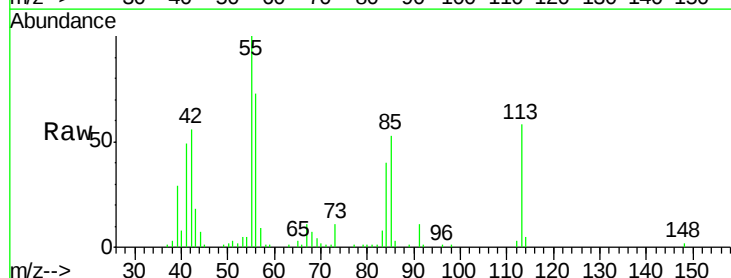


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

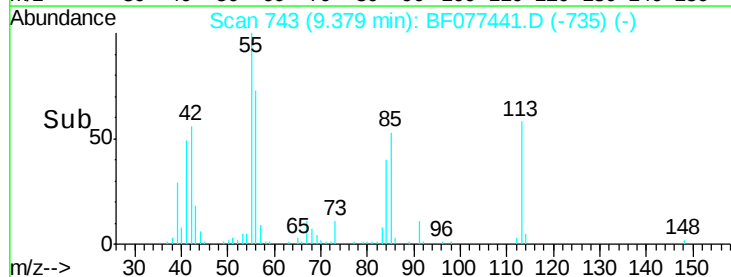
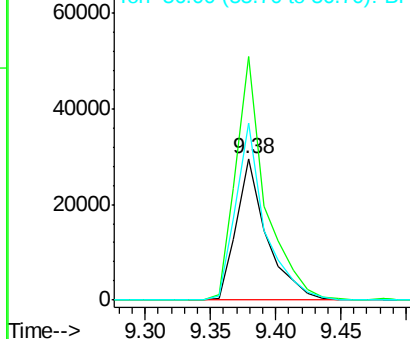


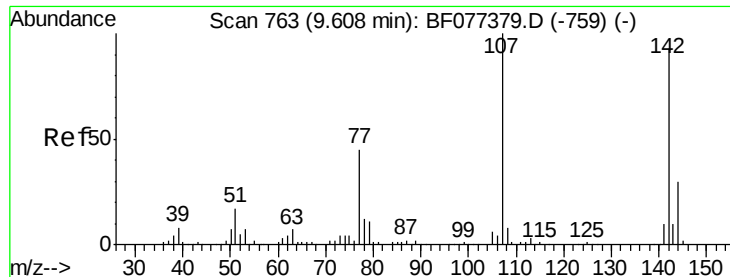
#35
Caprolactam
Concen: 32.54 ng
RT: 9.38 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF077441.D
Acq: 25 Feb 2015 18:49

Tgt Ion:113 Resp: 48142
Ion Ratio Lower Upper
113 100
55 172.1 154.6 194.6
56 125.5 114.0 154.0



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

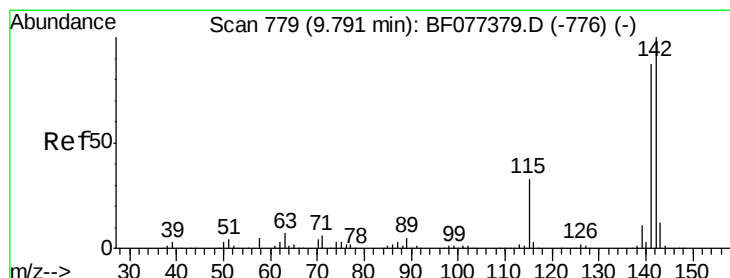
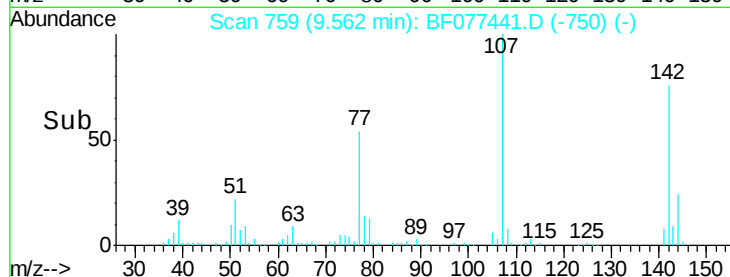
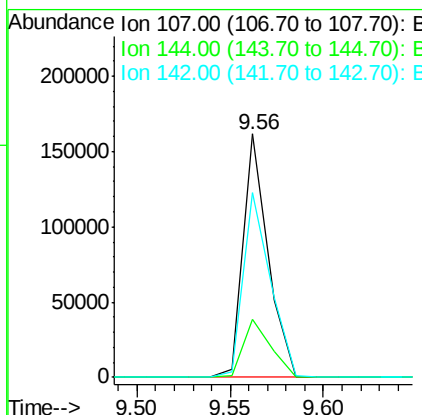
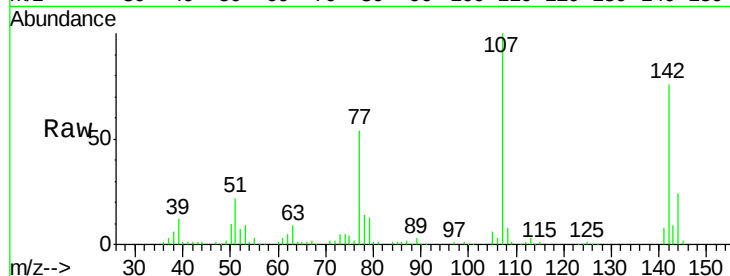




#36
 4-Chloro-3-methylphenol
 Concen: 30.96 ng
 RT: 9.56 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: BF077441.D
 Acq: 25 Feb 2015 18:49

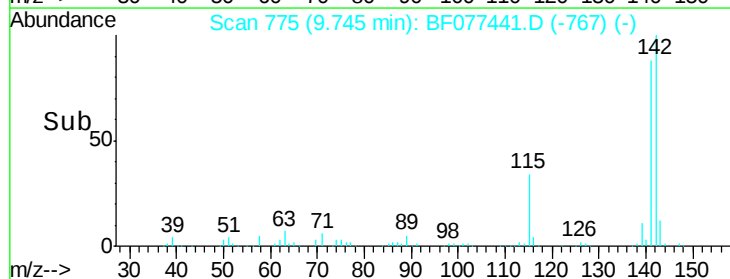
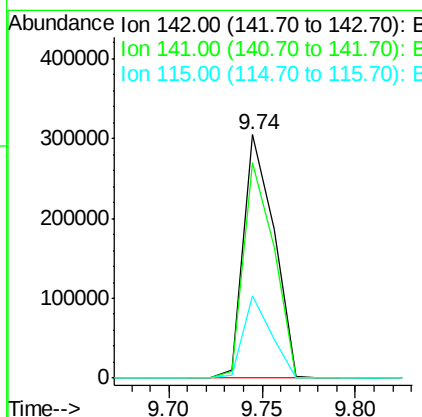
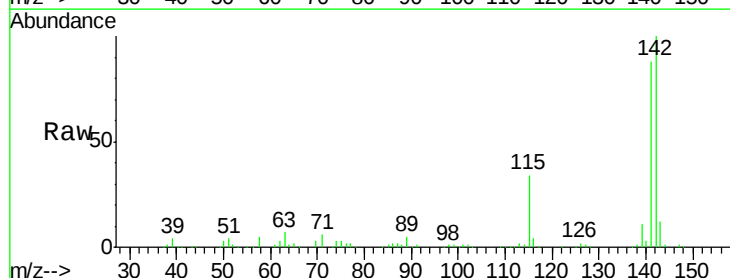
Instrument :
 BNA_F
 ClientSampleId :
 PB81872BS

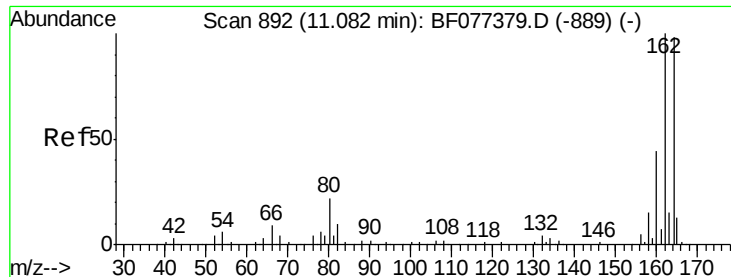
Tgt Ion:107 Resp: 150845
 Ion Ratio Lower Upper
 107 100
 144 23.6 21.1 31.7
 142 76.0 65.3 97.9



#37
 2-Methylnaphthalene
 Concen: 29.19 ng
 RT: 9.74 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF077441.D
 Acq: 25 Feb 2015 18:49

Tgt Ion:142 Resp: 344886
 Ion Ratio Lower Upper
 142 100
 141 88.5 70.7 106.1
 115 34.0 24.2 36.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.04 min Scan# 888

Delta R.T. 0.00 min

Lab File: BF077441.D

Acq: 25 Feb 2015 18:49

Instrument :

BNA_F

ClientSampleId :

PB81872BS

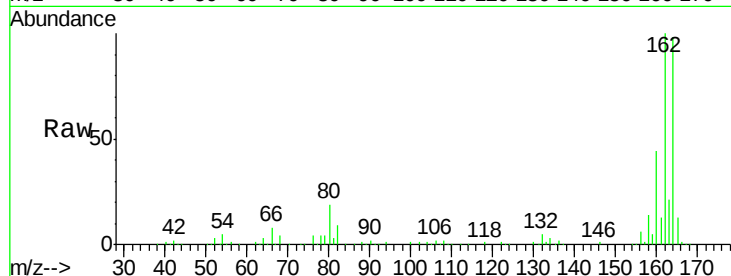
Tgt Ion:164 Resp: 169242

Ion Ratio Lower Upper

164 100

162 102.1 83.2 124.8

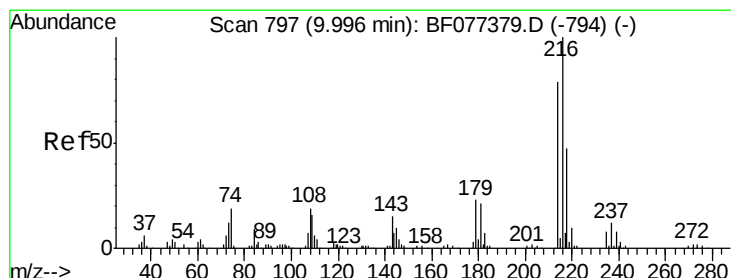
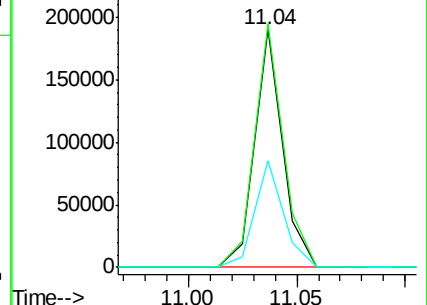
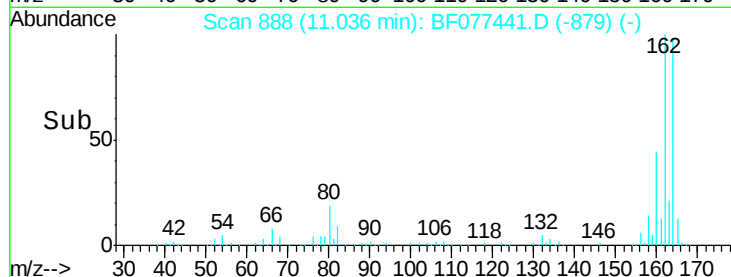
160 44.6 34.6 52.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.03 ng

RT: 9.95 min Scan# 793

Delta R.T. -0.01 min

Lab File: BF077441.D

Acq: 25 Feb 2015 18:49

Tgt Ion:216 Resp: 150669

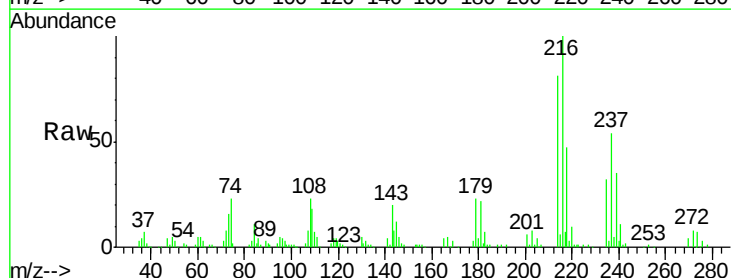
Ion Ratio Lower Upper

216 100

214 79.2 63.4 95.0

179 20.9 16.6 25.0

108 21.7 14.2 21.4#

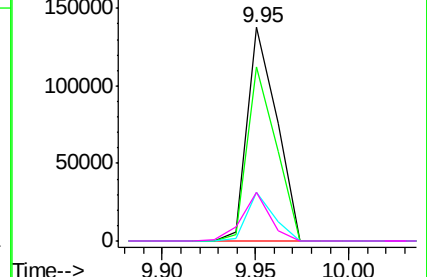
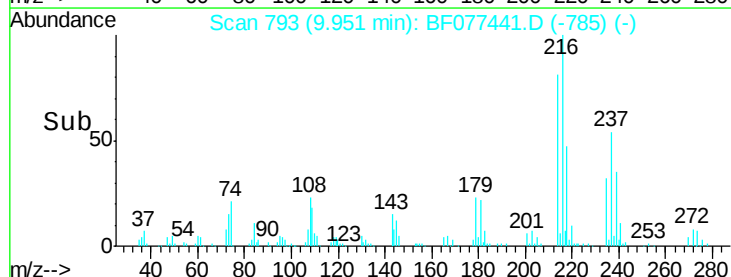


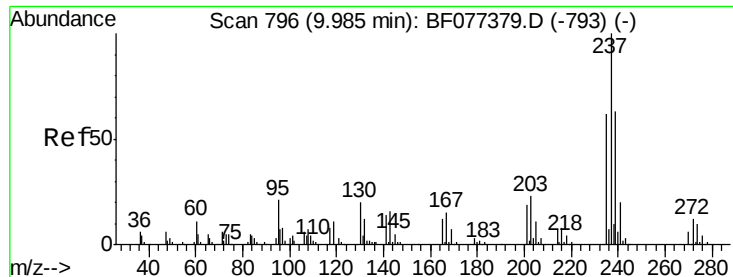
Abundance Ion 216.00 (215.70 to 216.70): E

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

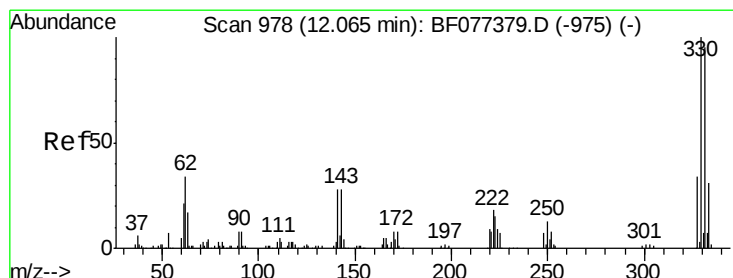
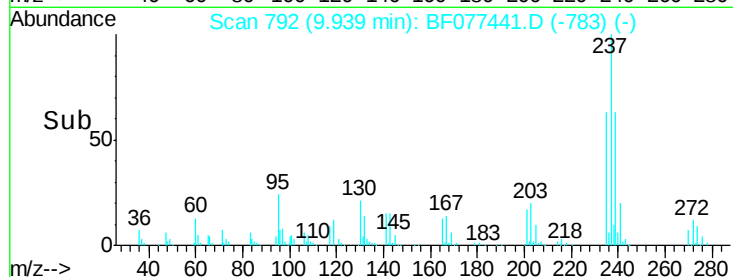
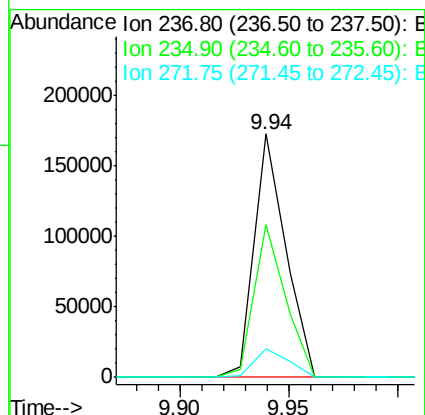
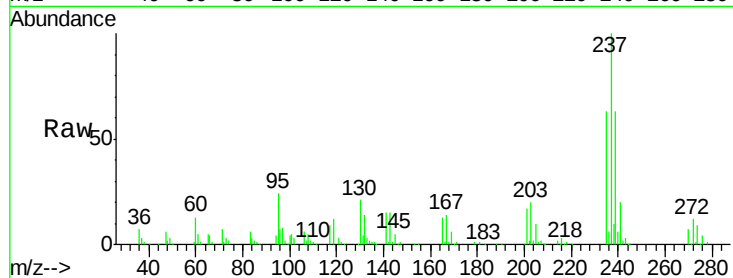




#40
Hexachlorocyclopentadiene
Concen: 66.94 ng
RT: 9.94 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF077441.D
Acq: 25 Feb 2015 18:49

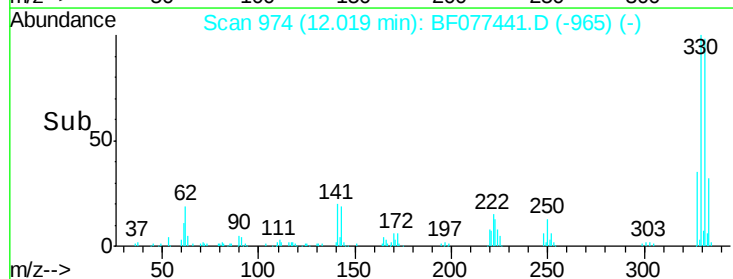
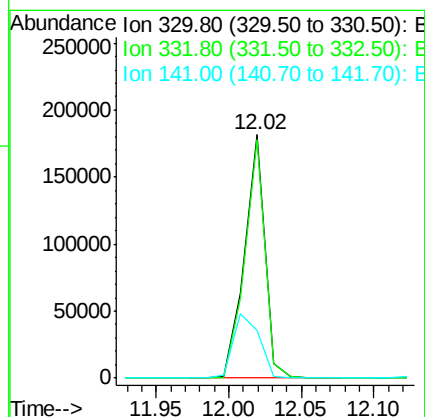
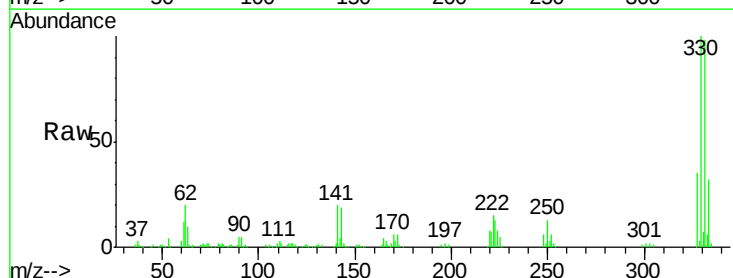
Instrument :
BNA_F
ClientSampleId :
PB81872BS

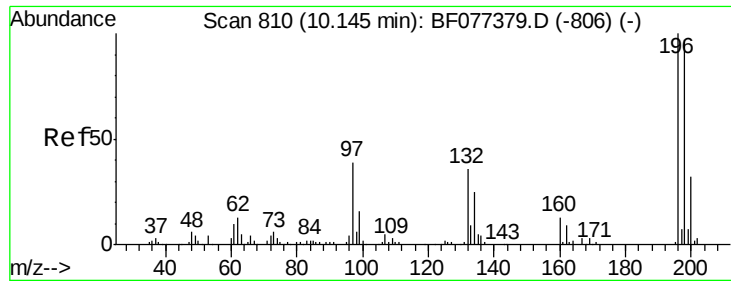
Tgt Ion: 237 Resp: 174312
Ion Ratio Lower Upper
237 100
235 62.9 41.0 81.0
272 11.6 0.0 34.3



#41
2,4,6-Tribromophenol
Concen: 108.78 ng
RT: 12.02 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF077441.D
Acq: 25 Feb 2015 18:49

Tgt Ion: 330 Resp: 177260
Ion Ratio Lower Upper
330 100
332 97.2 77.4 116.2
141 34.0 28.8 43.2

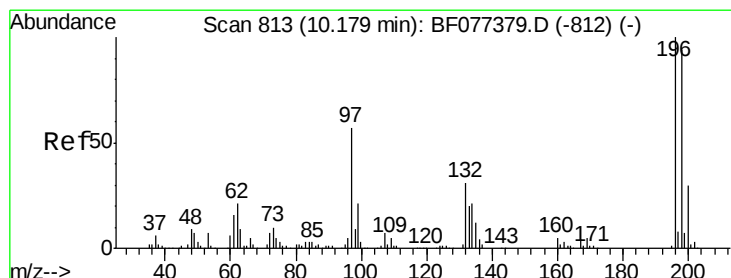
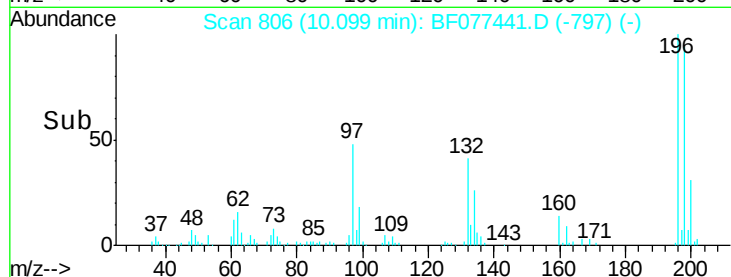
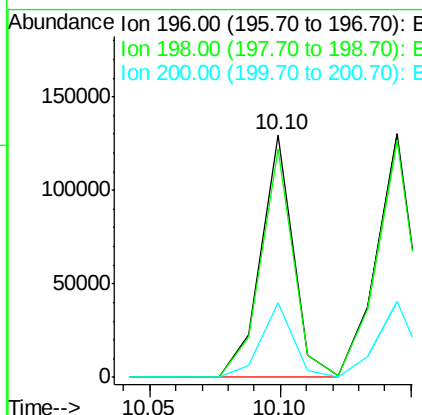
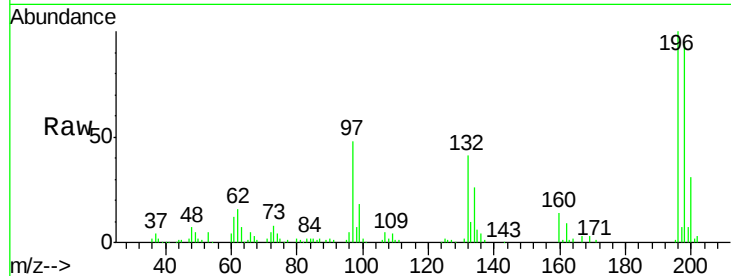




#42
 2,4,6-Trichlorophenol
 Concen: 35.15 ng
 RT: 10.10 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF077441.D
 Acq: 25 Feb 2015 18:49

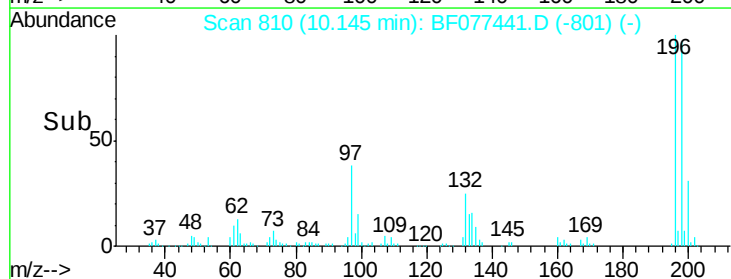
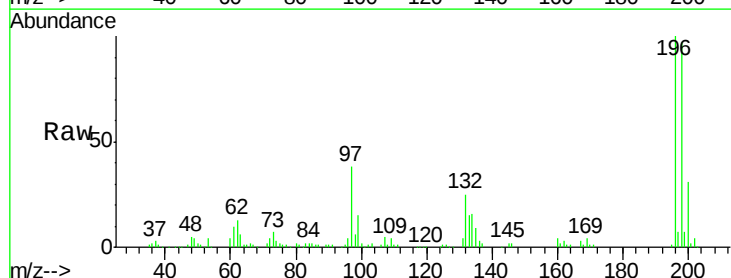
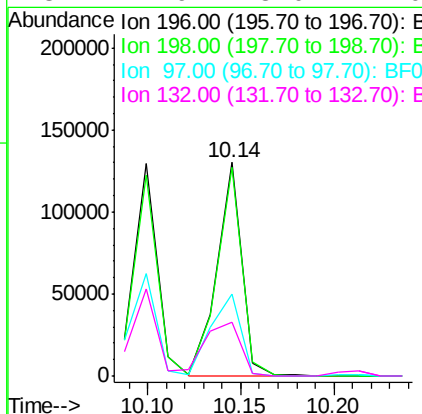
Instrument :
 BNA_F
 ClientSampleId :
 PB81872BS

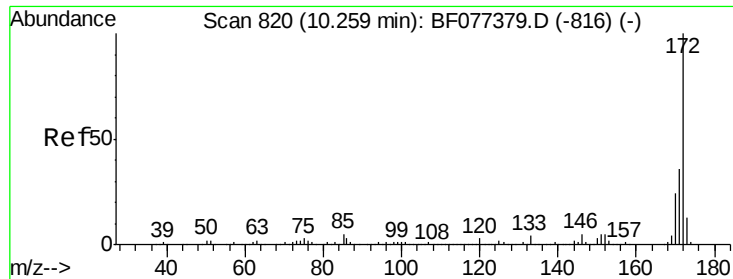
Tgt Ion:196 Resp: 113038
 Ion Ratio Lower Upper
 196 100
 198 94.4 75.8 113.8
 200 30.9 24.2 36.4



#43
 2,4,5-Trichlorophenol
 Concen: 35.36 ng
 RT: 10.14 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF077441.D
 Acq: 25 Feb 2015 18:49

Tgt Ion:196 Resp: 121584
 Ion Ratio Lower Upper
 196 100
 198 97.5 77.2 115.8
 97 38.3 27.7 41.5
 132 24.9 18.0 27.0

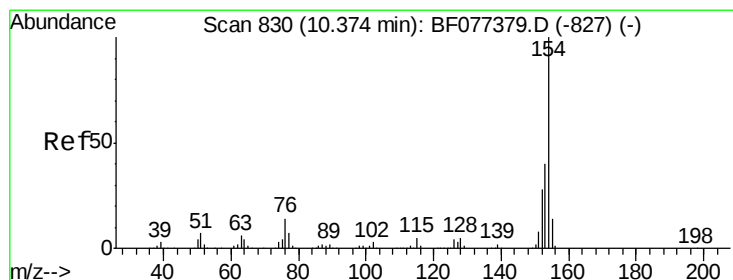
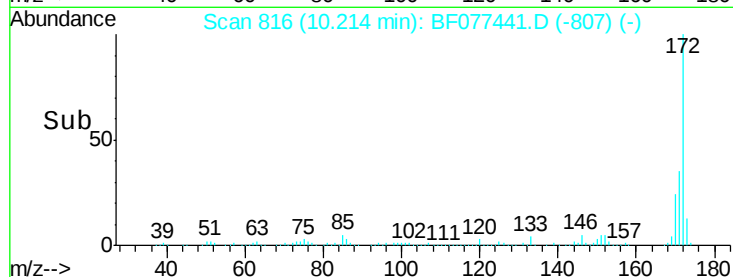
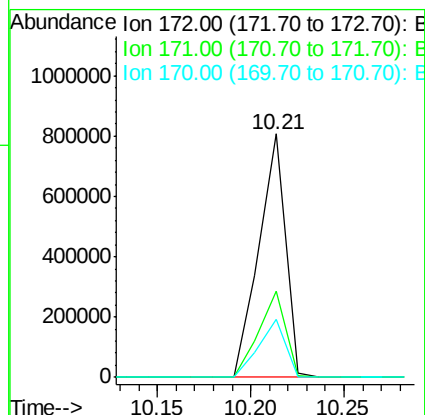
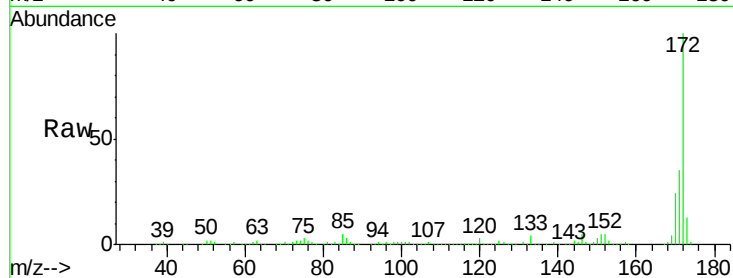




#44
2-Fluorobiphenyl
Concen: 73.52 ng
RT: 10.21 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF077441.D
Acq: 25 Feb 2015 18:49

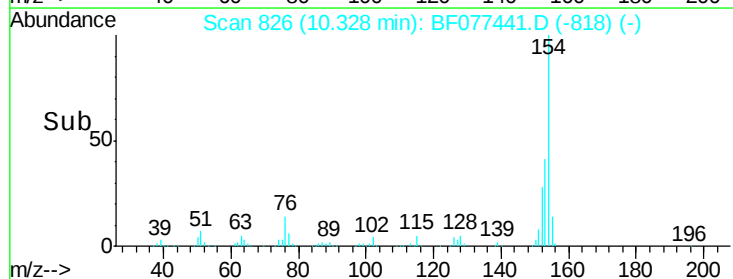
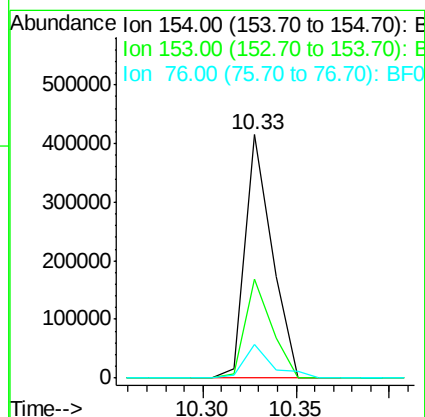
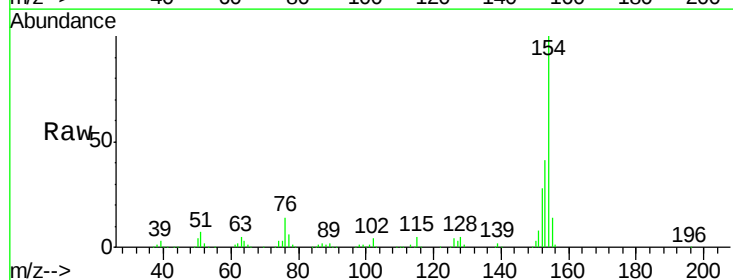
Instrument :
BNA_F
ClientSampleId :
PB81872BS

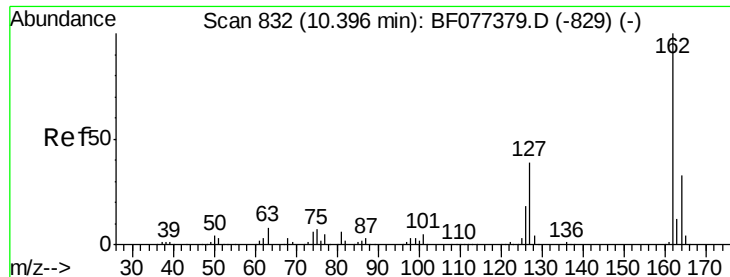
Tgt Ion:172 Resp: 798030
Ion Ratio Lower Upper
172 100
171 35.4 28.9 43.3
170 23.6 19.4 29.2



#45
1,1'-Biphenyl
Concen: 32.31 ng
RT: 10.33 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF077441.D
Acq: 25 Feb 2015 18:49

Tgt Ion:154 Resp: 414311
Ion Ratio Lower Upper
154 100
153 40.9 20.2 60.2
76 14.1 0.0 29.4

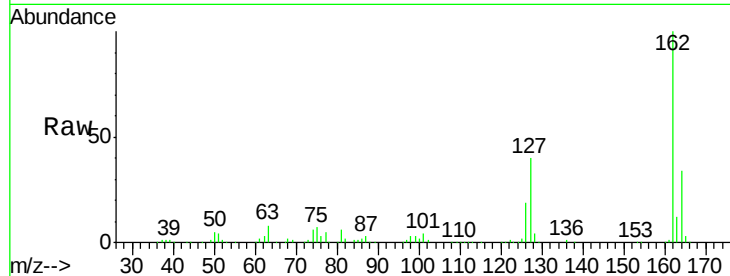




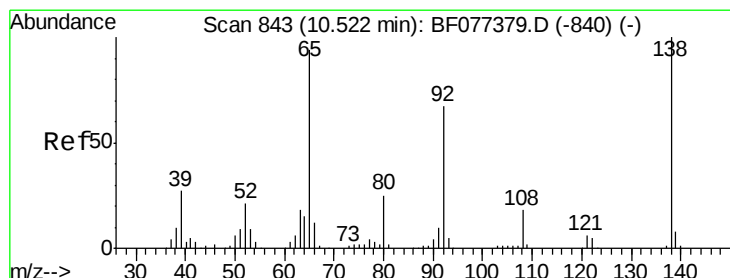
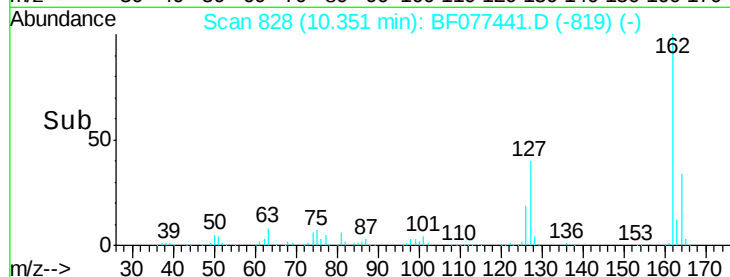
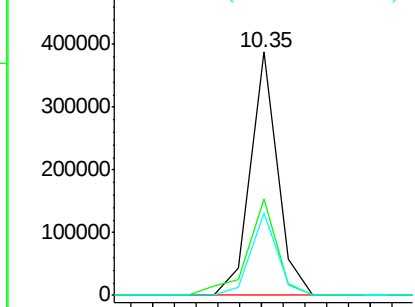
#46
2-Chloronaphthalene
Concen: 33.39 ng
RT: 10.35 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF077441.D
Acq: 25 Feb 2015 18:49

Instrument :
BNA_F
ClientSampleId :
PB81872BS

Tgt Ion: 162 Resp: 335779
Ion Ratio Lower Upper
162 100
127 39.8 33.3 49.9
164 33.8 26.2 39.4

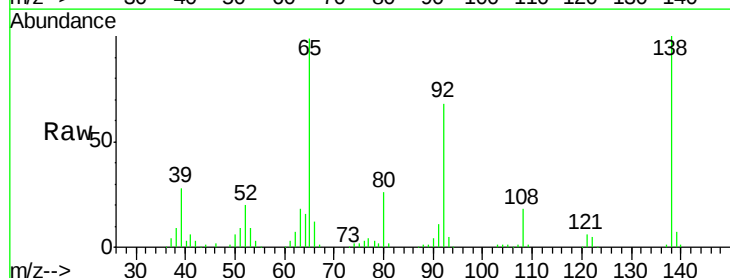


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

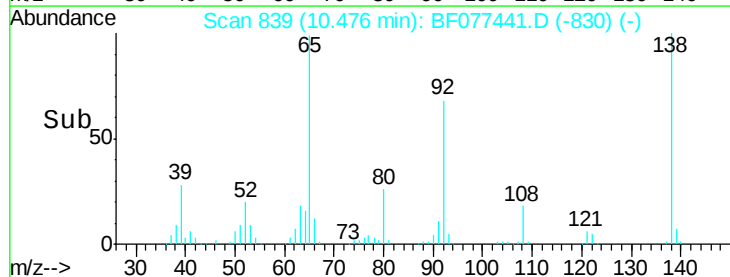
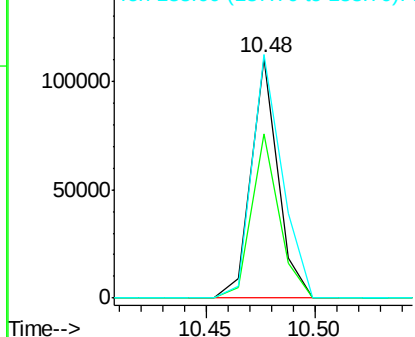


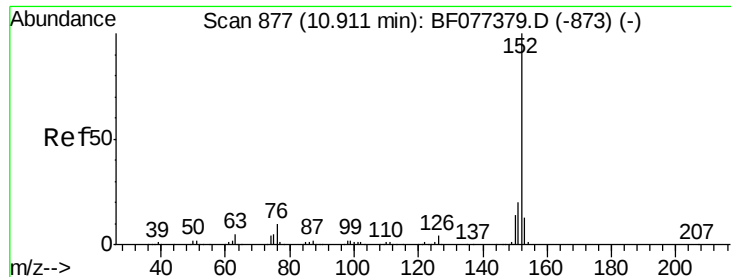
#47
2-Nitroaniline
Concen: 38.27 ng
RT: 10.48 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF077441.D
Acq: 25 Feb 2015 18:49

Tgt Ion: 65 Resp: 94731
Ion Ratio Lower Upper
65 100
92 68.6 52.4 78.6
138 101.5 73.4 110.0



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





#48

Acenaphthylene

Concen: 34.69 ng

RT: 10.87 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF077441.D

Acq: 25 Feb 2015 18:49

Instrument :

BNA_F

ClientSampleId :

PB81872BS

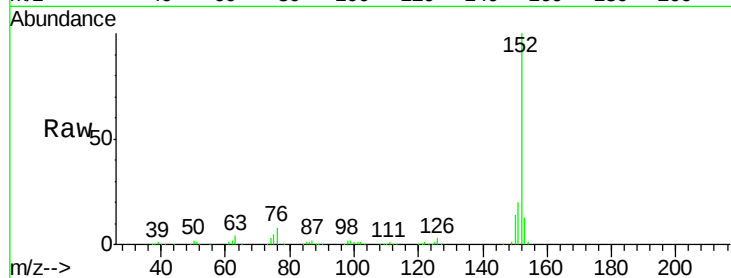
Tgt Ion:152 Resp: 552200

Ion Ratio Lower Upper

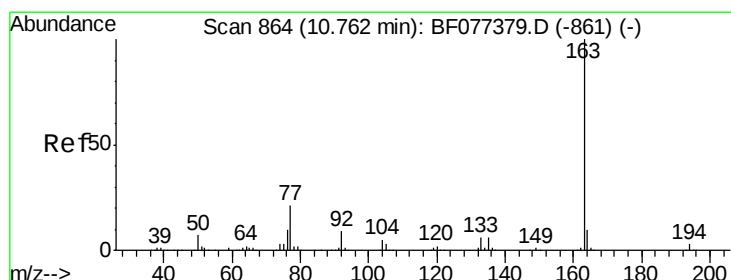
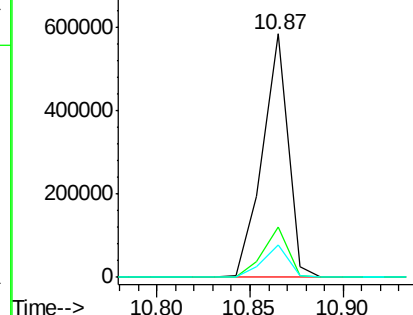
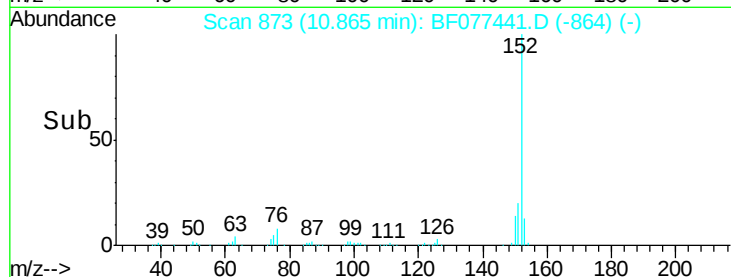
152 100

151 20.5 16.1 24.1

153 13.4 10.9 16.3



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



#49

Dimethylphthalate

Concen: 33.82 ng

RT: 10.72 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF077441.D

Acq: 25 Feb 2015 18:49

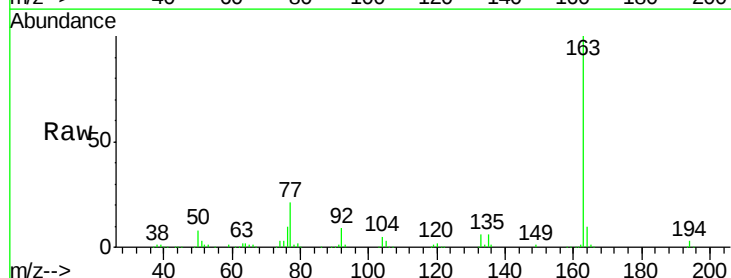
Tgt Ion:163 Resp: 402293

Ion Ratio Lower Upper

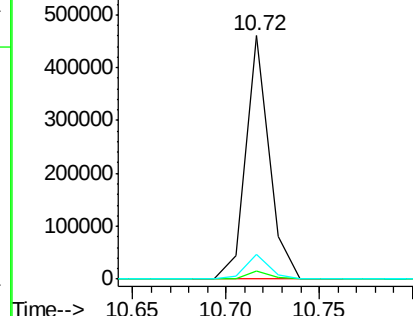
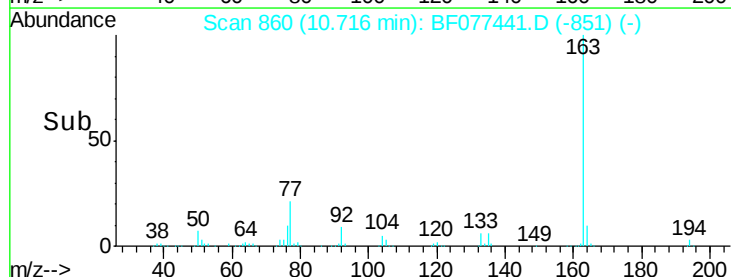
163 100

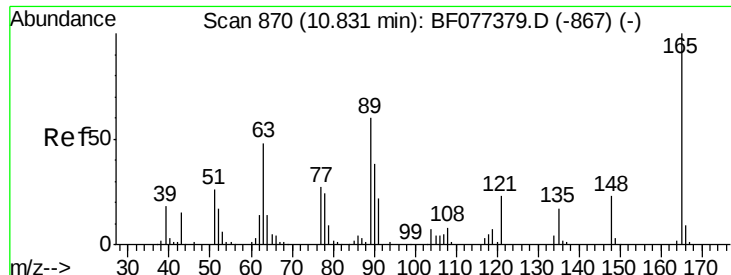
194 3.3 2.6 4.0

164 10.2 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

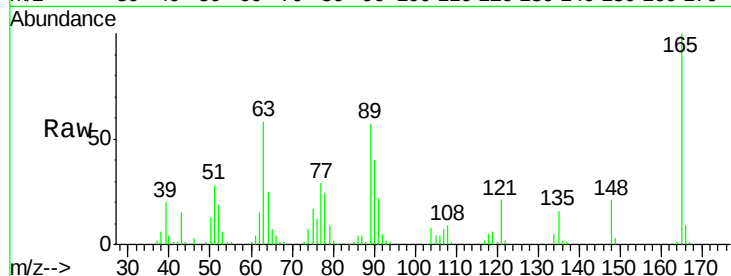




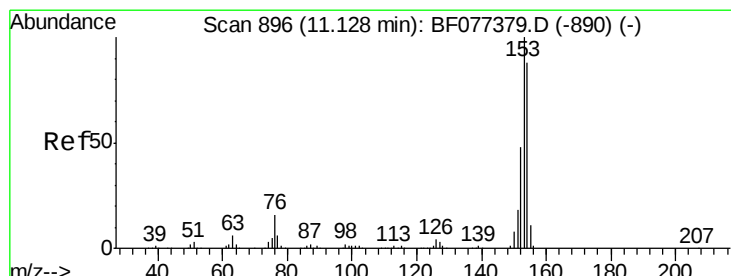
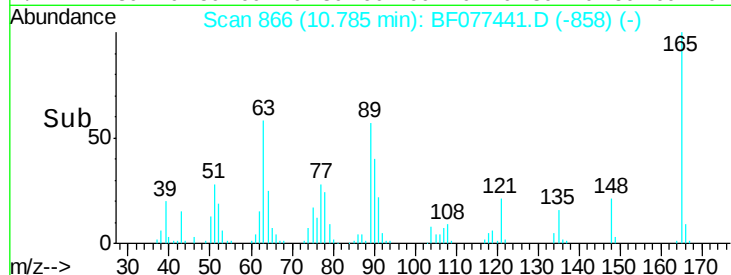
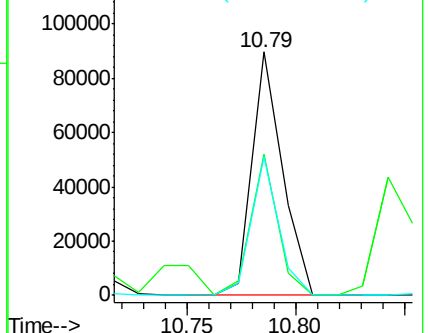
#50
2,6-Dinitrotoluene
Concen: 36.60 ng
RT: 10.79 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF077441.D
Acq: 25 Feb 2015 18:49

Instrument :
BNA_F
ClientSampleId :
PB81872BS

Tgt Ion:165 Resp: 87324
Ion Ratio Lower Upper
165 100
63 58.1 25.2 37.8#
89 57.2 30.5 45.7#

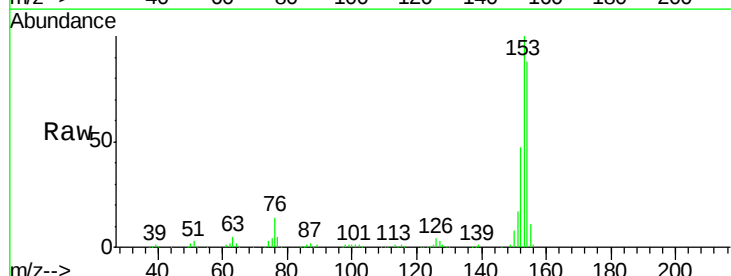


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

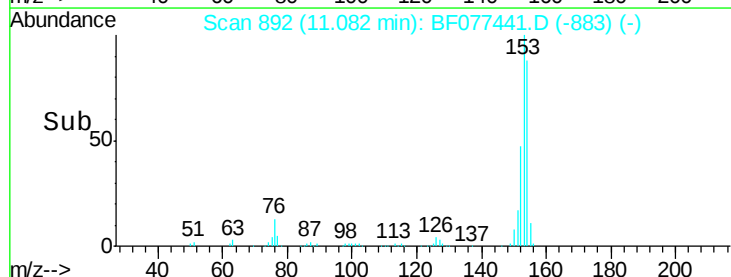
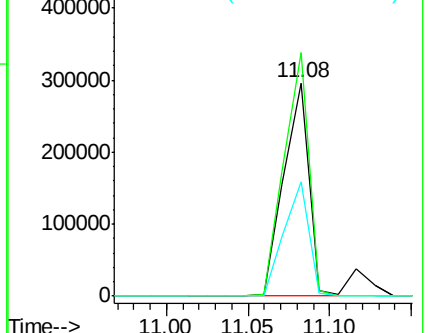


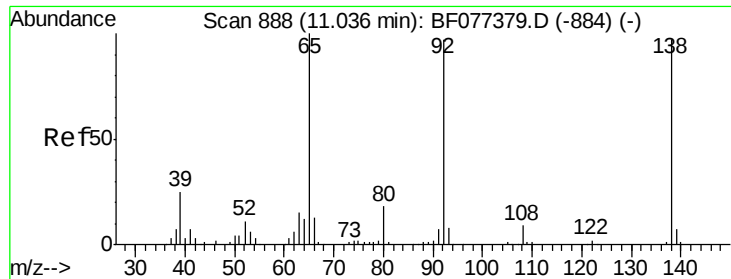
#51
Acenaphthene
Concen: 33.45 ng
RT: 11.08 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF077441.D
Acq: 25 Feb 2015 18:49

Tgt Ion:154 Resp: 317724
Ion Ratio Lower Upper
154 100
153 114.1 90.5 135.7
152 53.7 43.5 65.3



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

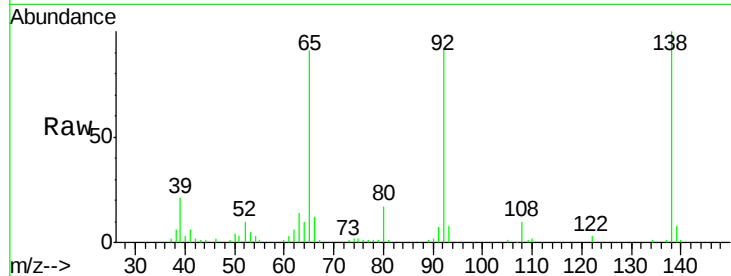




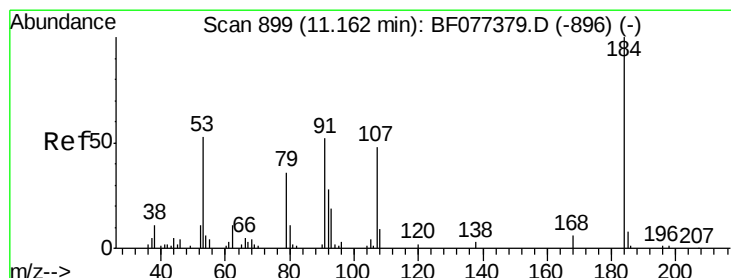
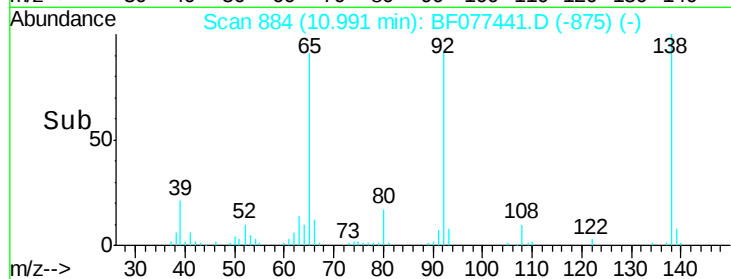
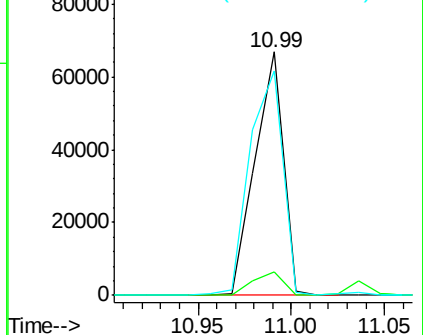
#52
 3-Nitroaniline
 Concen: 25.46 ng
 RT: 10.99 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: BF077441.D
 Acq: 25 Feb 2015 18:49

Instrument :
 BNA_F
 ClientSampleId :
 PB81872BS

Tgt Ion:138 Resp: 70022
 Ion Ratio Lower Upper
 138 100
 108 9.6 7.8 11.8
 92 92.3 90.6 135.8

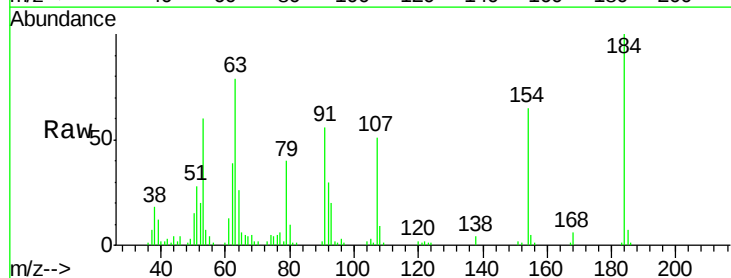


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): E

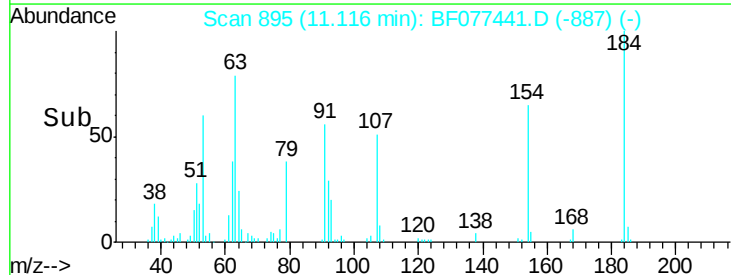
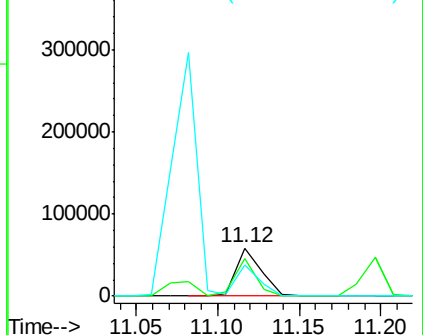


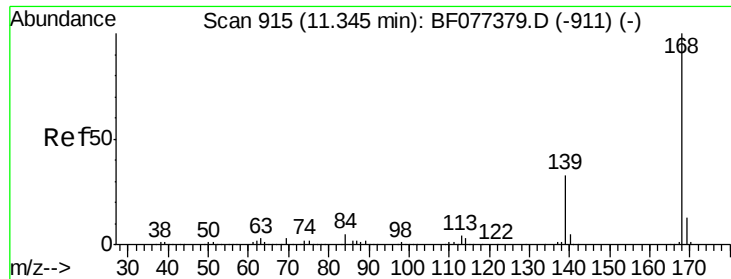
#53
 2,4-Dinitrophenol
 Concen: 85.03 ng
 RT: 11.12 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: BF077441.D
 Acq: 25 Feb 2015 18:49

Tgt Ion:184 Resp: 61731
 Ion Ratio Lower Upper
 184 100
 63 78.6 29.5 44.3#
 154 65.2 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

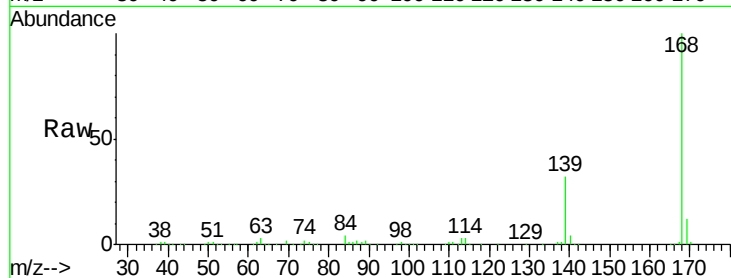




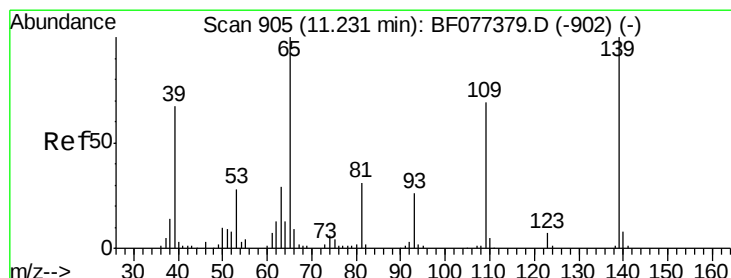
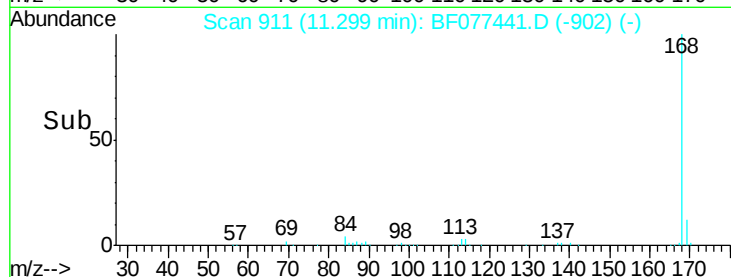
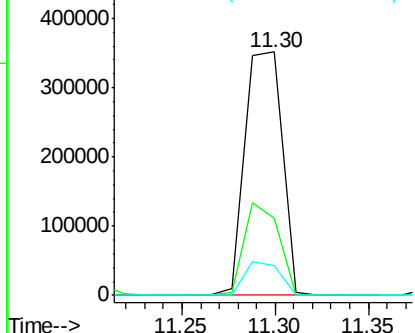
#54
Dibenzenofuran
Concen: 33.38 ng
RT: 11.30 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF077441.D
Acq: 25 Feb 2015 18:49

Instrument :
BNA_F
ClientSampleId :
PB81872BS

Tgt Ion:168 Resp: 489668
Ion Ratio Lower Upper
168 100
139 31.7 29.3 43.9
169 12.3 10.9 16.3

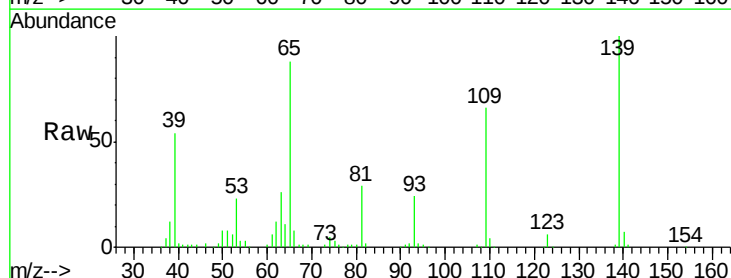


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

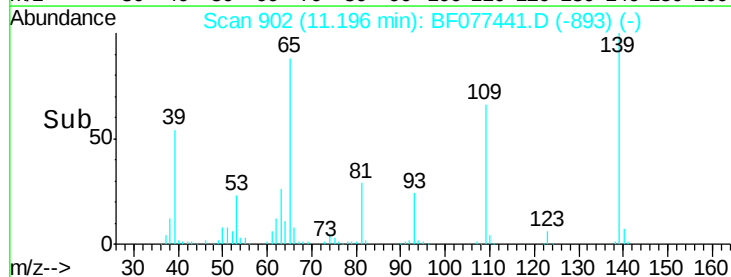
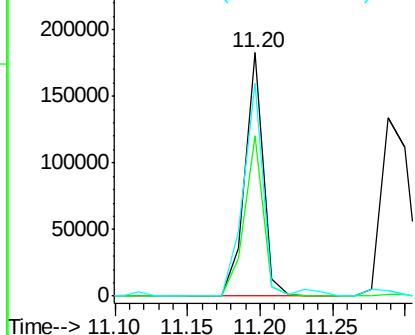


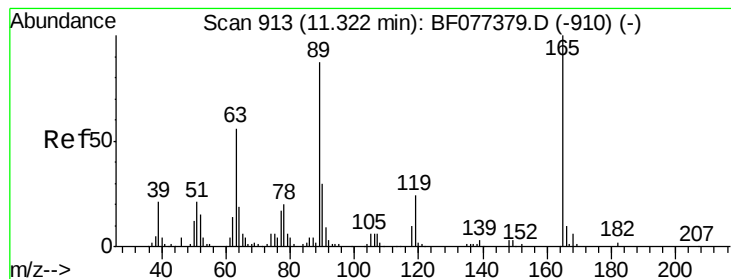
#55
4-Nitrophenol
Concen: 73.04 ng
RT: 11.20 min Scan# 902
Delta R.T. 0.00 min
Lab File: BF077441.D
Acq: 25 Feb 2015 18:49

Tgt Ion:139 Resp: 161600
Ion Ratio Lower Upper
139 100
109 65.8 36.2 76.2
65 87.5 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: 36.93 ng

RT: 11.28 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF077441.D

Acq: 25 Feb 2015 18:49

Instrument :

BNA_F

ClientSampleId :

PB81872BS

Tgt Ion:165 Resp: 119041

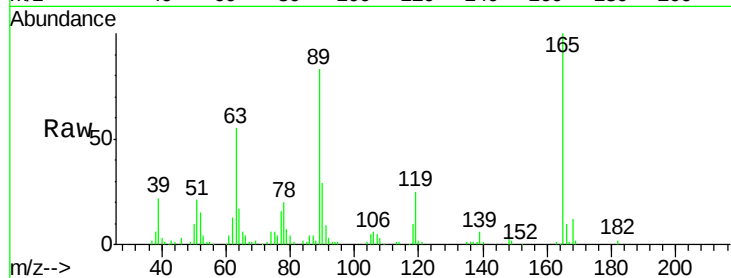
Ion Ratio Lower Upper

165 100

63 55.2 29.8 44.8#

89 82.5 48.5 72.7#

182 2.1 1.9 2.9

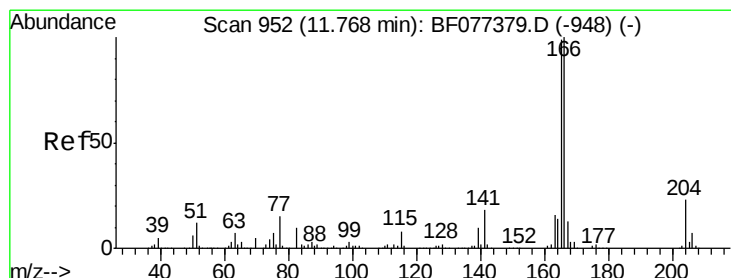
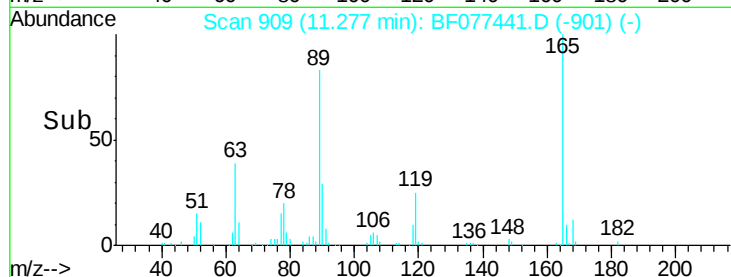
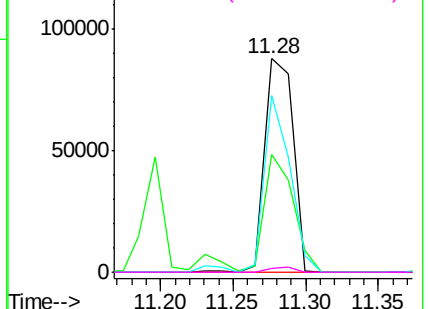


Abundance Ion 165.00 (164.70 to 165.70): E

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: 34.07 ng

RT: 11.72 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF077441.D

Acq: 25 Feb 2015 18:49

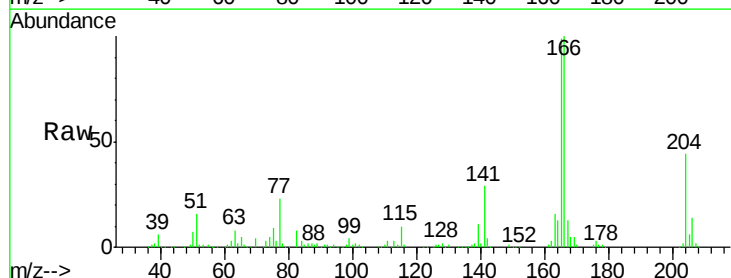
Tgt Ion:166 Resp: 399535

Ion Ratio Lower Upper

166 100

165 98.5 77.6 116.4

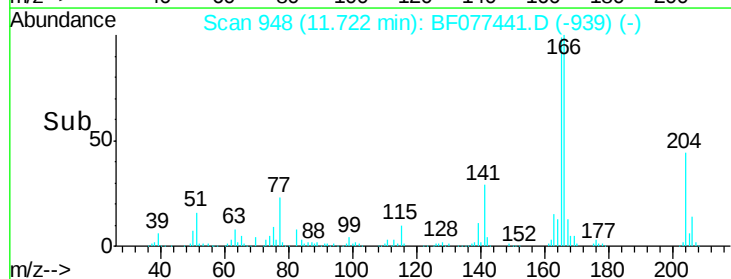
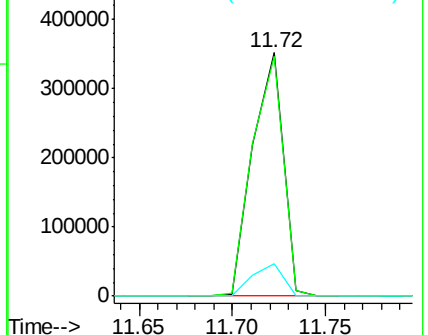
167 13.3 10.6 16.0

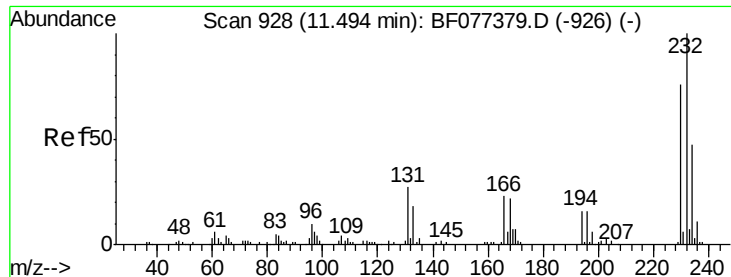


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

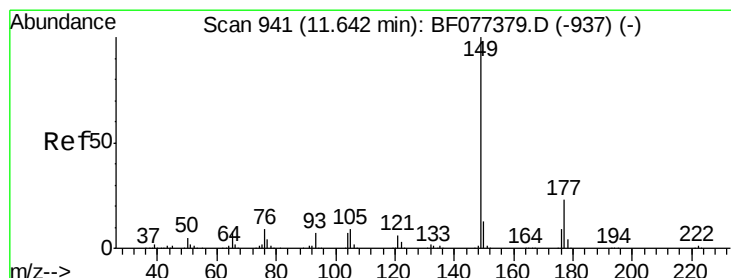
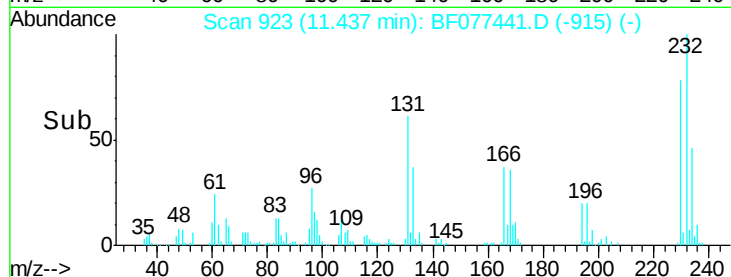
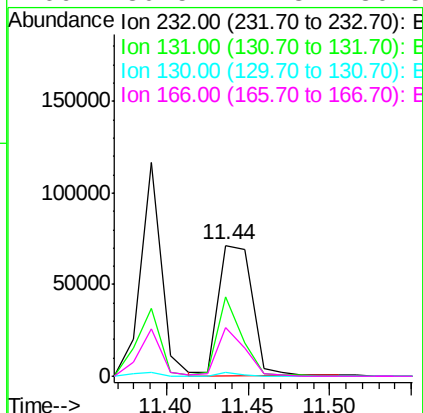
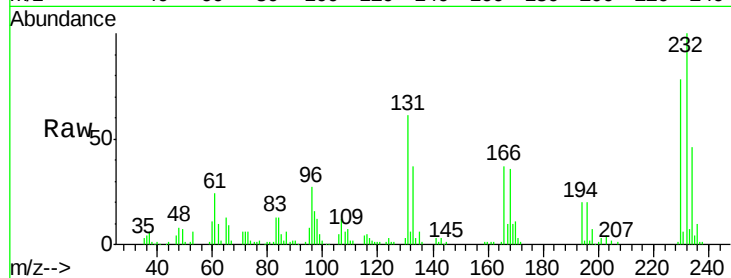




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.86 ng
 RT: 11.44 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF077441.D
 Acq: 25 Feb 2015 18:49

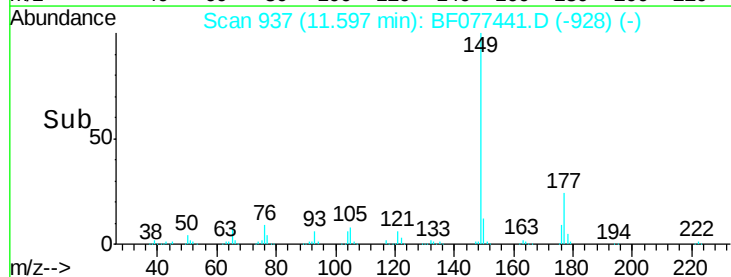
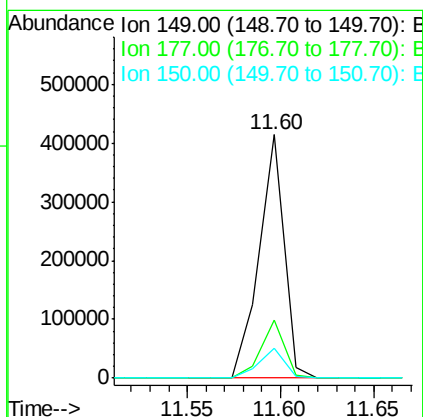
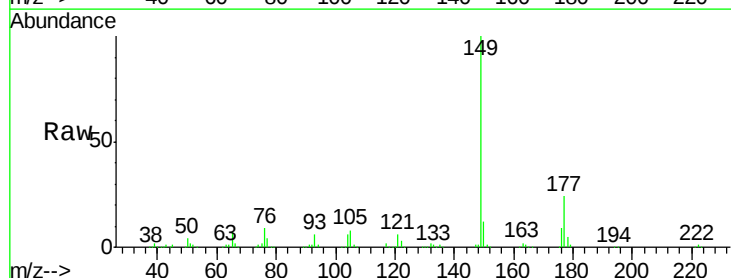
Instrument :
 BNA_F
 ClientSampleId :
 PB81872BS

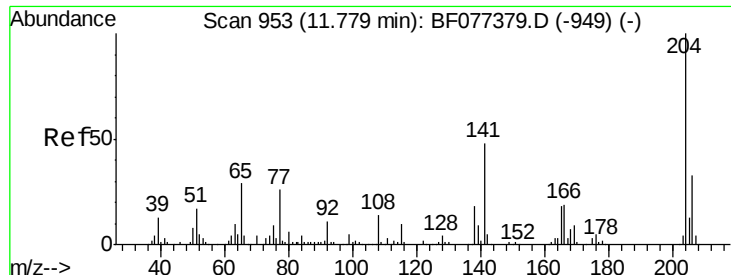
Tgt Ion: 232 Resp: 101889
 Ion Ratio Lower Upper
 232 100
 131 44.4 34.2 51.2
 130 2.2 1.8 2.6
 166 30.5 24.3 36.5



#59
 Diethylphthalate
 Concen: 32.68 ng
 RT: 11.60 min Scan# 937
 Delta R.T. 0.00 min
 Lab File: BF077441.D
 Acq: 25 Feb 2015 18:49

Tgt Ion: 149 Resp: 383236
 Ion Ratio Lower Upper
 149 100
 177 23.8 17.2 25.8
 150 12.2 10.5 15.7

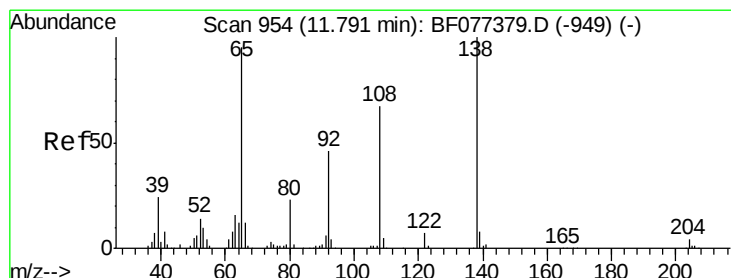
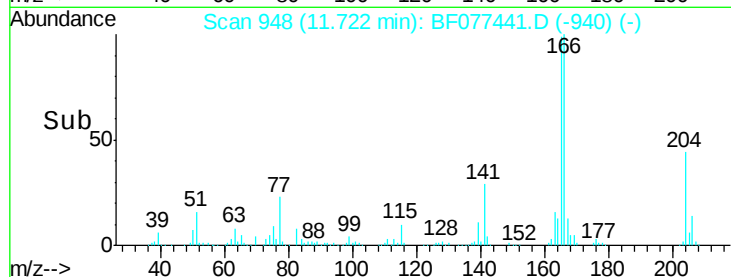
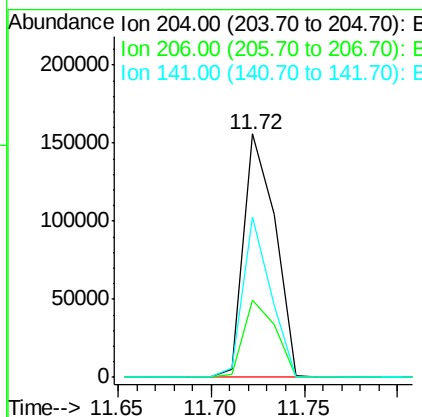
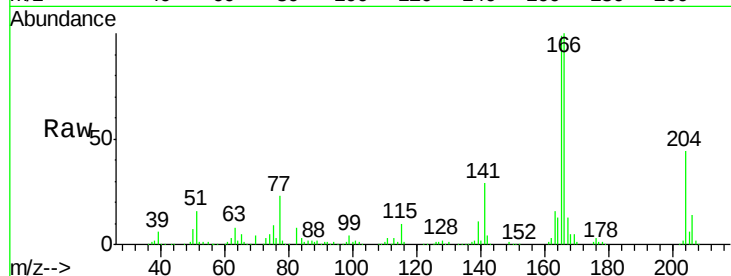




#60
 4-Chlorophenyl-phenylether
 Concen: 32.37 ng
 RT: 11.72 min Scan# 948
 Delta R.T. -0.01 min
 Lab File: BF077441.D
 Acq: 25 Feb 2015 18:49

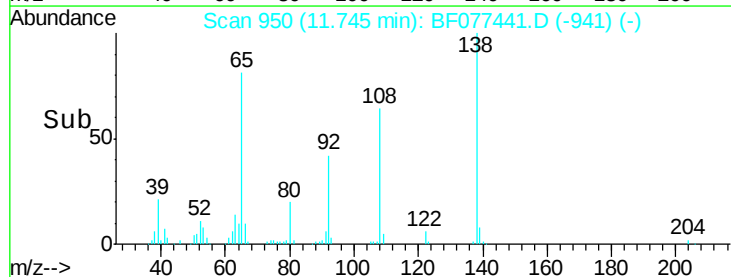
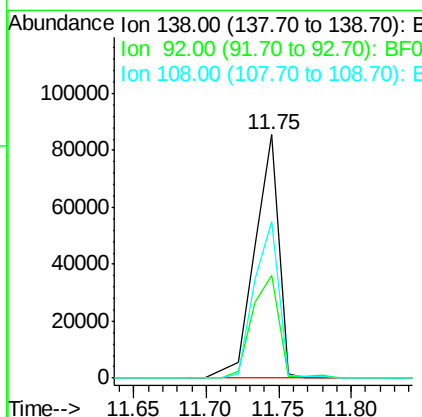
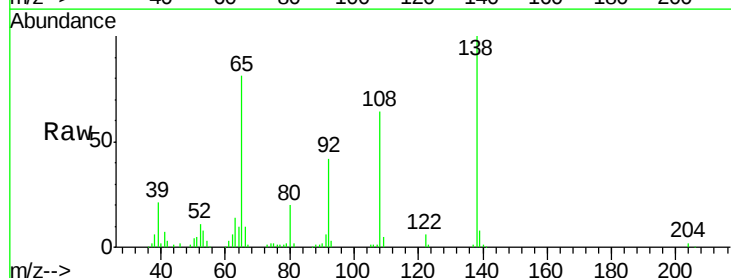
Instrument :
 BNA_F
 ClientSampleId :
 PB81872BS

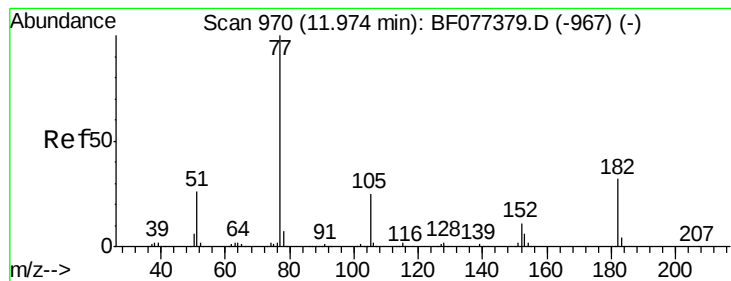
Tgt Ion:204 Resp: 182902
 Ion Ratio Lower Upper
 204 100
 206 31.7 25.9 38.9
 141 65.9 43.6 65.4#



#61
 4-Nitroaniline
 Concen: 37.00 ng
 RT: 11.75 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF077441.D
 Acq: 25 Feb 2015 18:49

Tgt Ion:138 Resp: 97548
 Ion Ratio Lower Upper
 138 100
 92 42.1 32.8 72.8
 108 64.3 52.1 92.1





#62

Azobenzene

Concen: 31.52 ng

RT: 11.92 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF077441.D

Acq: 25 Feb 2015 18:49

Instrument :

BNA_F

ClientSampleId :

PB81872BS

Tgt Ion: 77 Resp: 350737

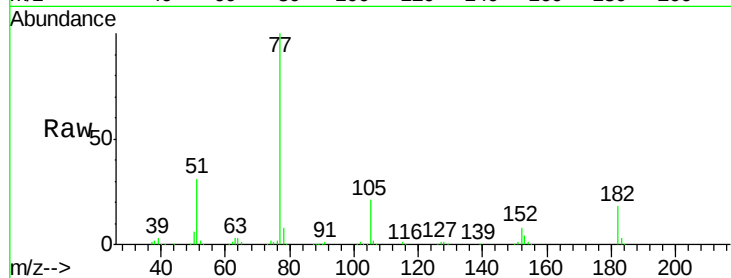
Ion Ratio Lower Upper

77 100

182 18.2 4.9 44.9

105 21.0 3.3 43.3

51 31.3 8.9 48.9

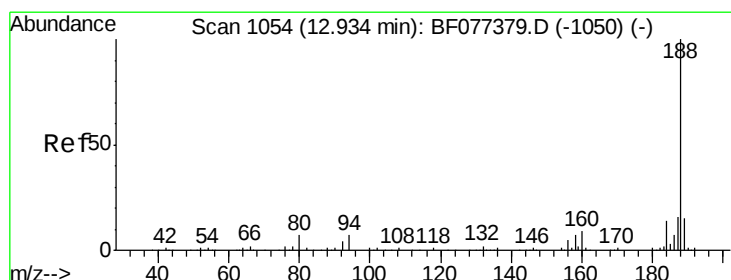
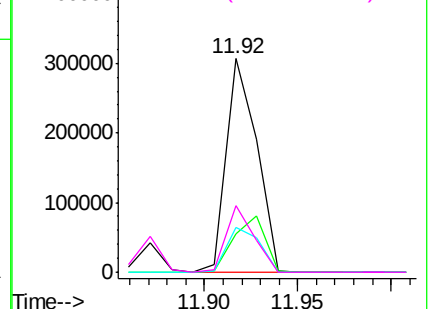
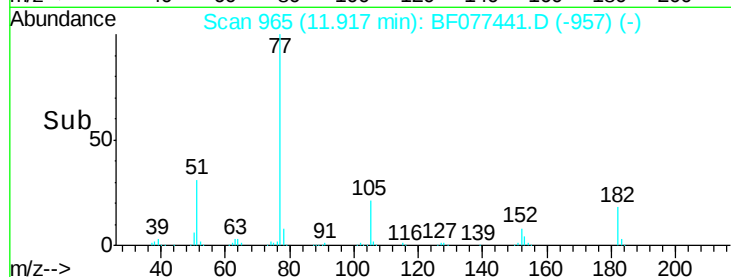


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 12.88 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF077441.D

Acq: 25 Feb 2015 18:49

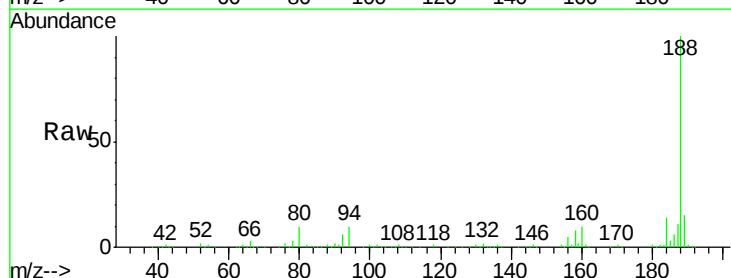
Tgt Ion: 188 Resp: 338123

Ion Ratio Lower Upper

188 100

94 9.8 7.4 11.2

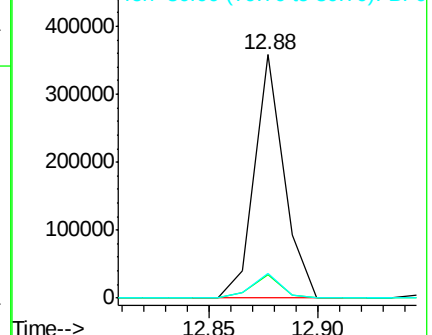
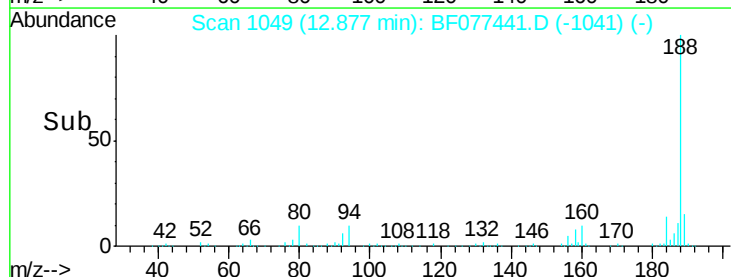
80 10.1 8.0 12.0

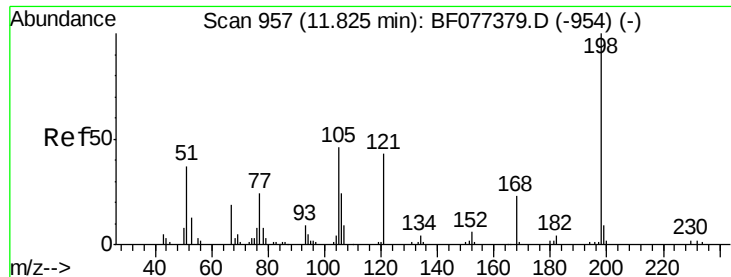


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

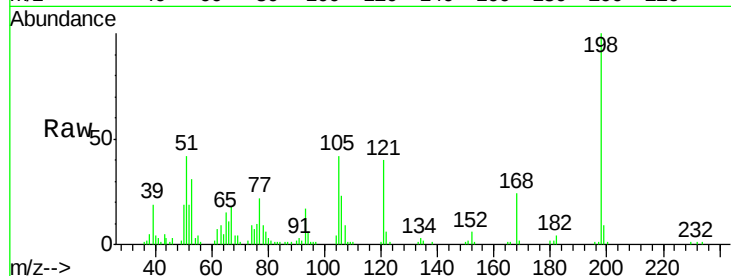




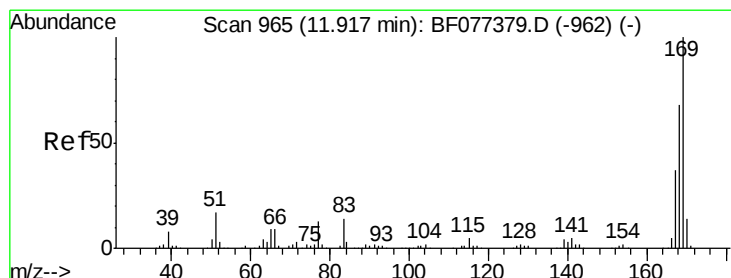
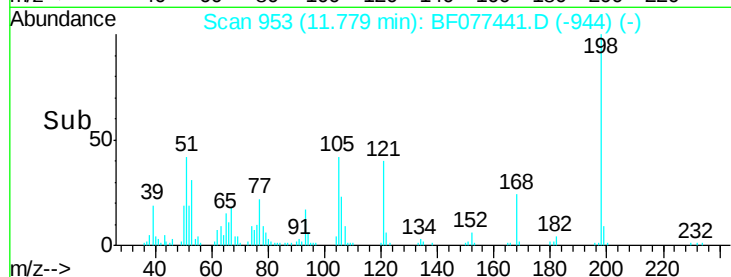
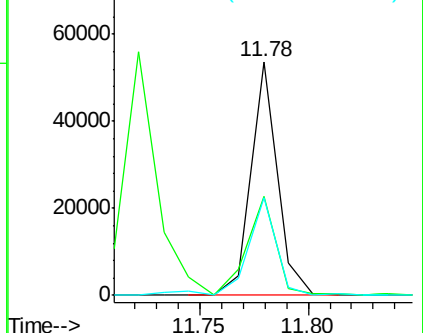
#64
4,6-Dinitro-2-methylphenol
Concen: 34.68 ng
RT: 11.78 min Scan# 953
Delta R.T. 0.00 min
Lab File: BF077441.D
Acq: 25 Feb 2015 18:49

Instrument :
BNA_F
ClientSampleId :
PB81872BS

Tgt Ion:198 Resp: 45284
Ion Ratio Lower Upper
198 100
51 42.2 2.7 42.7
105 42.0 10.0 50.0

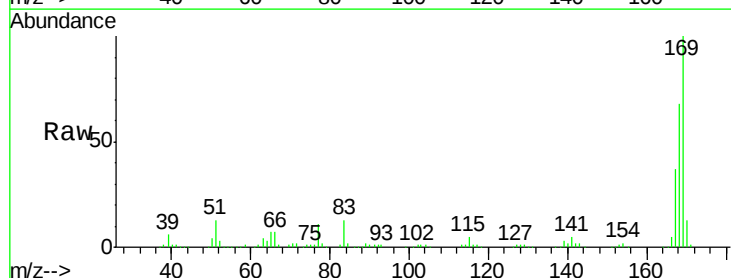


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

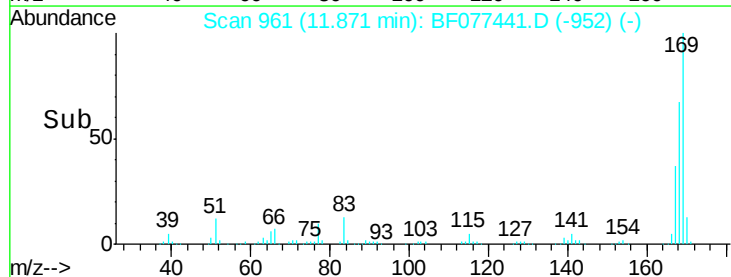
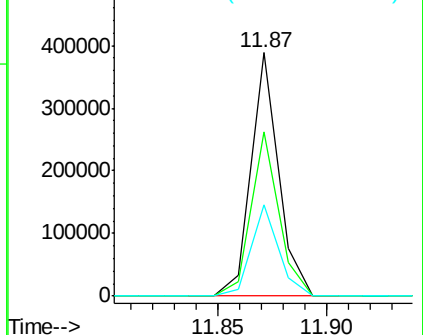


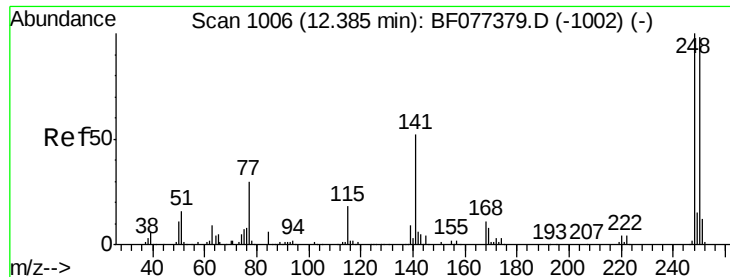
#65
n-Nitrosodiphenylamine
Concen: 30.45 ng
RT: 11.87 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF077441.D
Acq: 25 Feb 2015 18:49

Tgt Ion:169 Resp: 341565
Ion Ratio Lower Upper
169 100
168 67.6 53.0 79.6
167 37.3 29.5 44.3



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

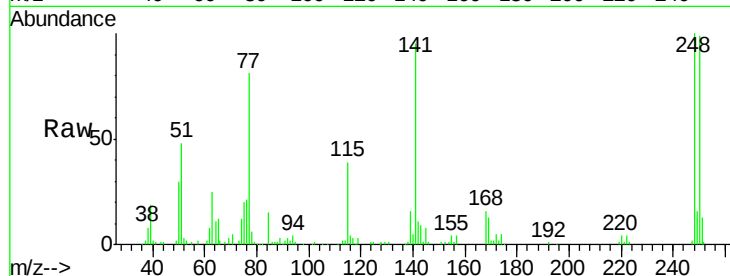




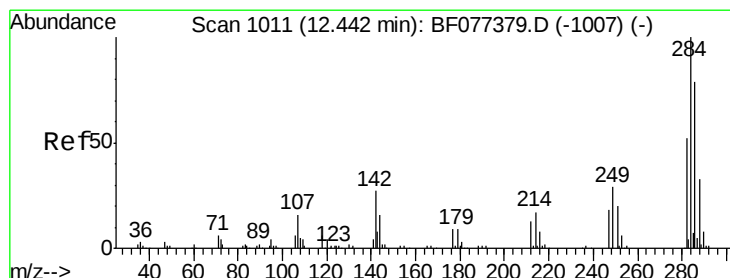
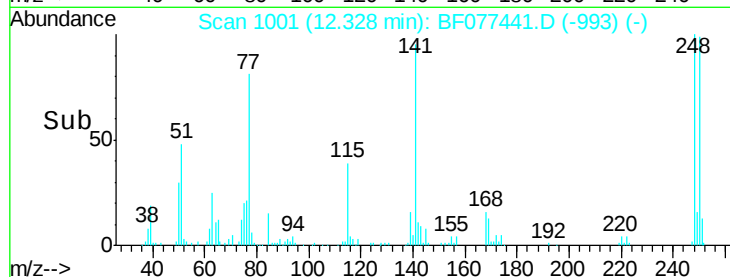
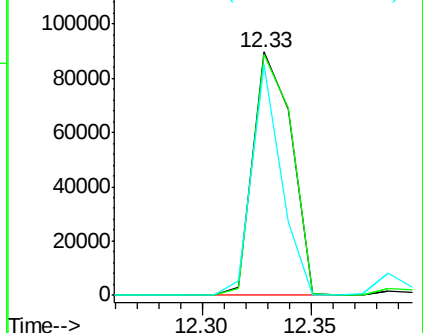
#66
 4-Bromophenyl-phenylether
 Concen: 28.04 ng
 RT: 12.33 min Scan# 1001
 Delta R.T. -0.01 min
 Lab File: BF077441.D
 Acq: 25 Feb 2015 18:49

Instrument :
 BNA_F
 ClientSampleId :
 PB81872BS

Tgt Ion:248 Resp: 111020
 Ion Ratio Lower Upper
 248 100
 250 98.9 78.0 117.0
 141 94.6 54.1 81.1#

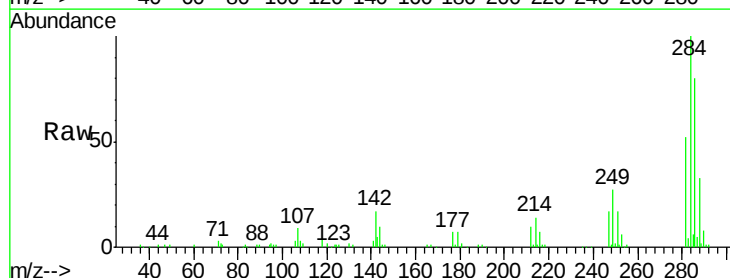


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

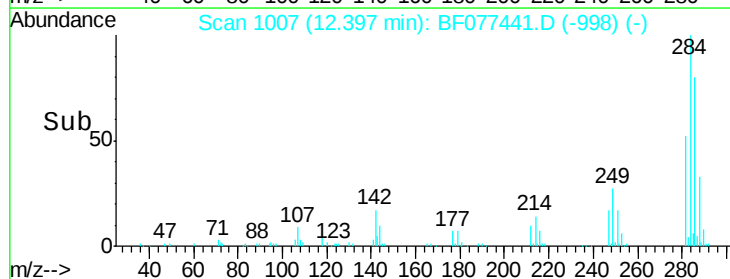
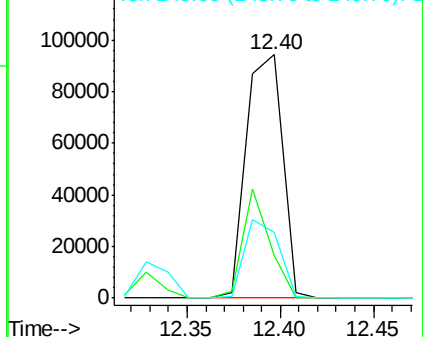


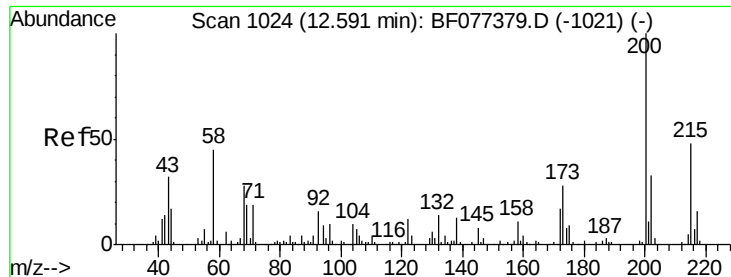
#67
 Hexachlorobenzene
 Concen: 29.89 ng
 RT: 12.40 min Scan# 1007
 Delta R.T. 0.00 min
 Lab File: BF077441.D
 Acq: 25 Feb 2015 18:49

Tgt Ion:284 Resp: 127022
 Ion Ratio Lower Upper
 284 100
 142 17.4 31.6 47.4#
 249 27.1 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

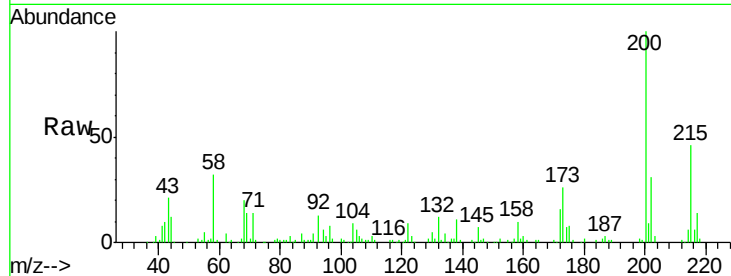




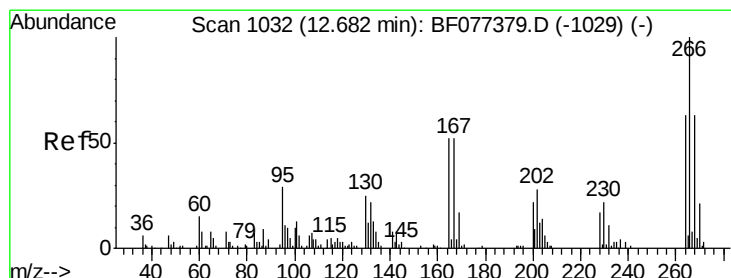
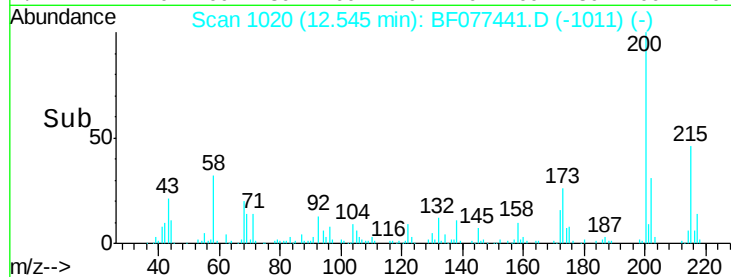
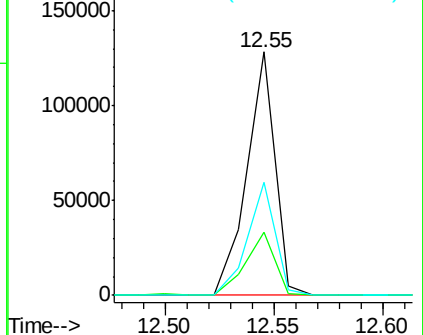
#68
 Atrazine
 Concen: 31.57 ng
 RT: 12.55 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BF077441.D
 Acq: 25 Feb 2015 18:49

Instrument :
 BNA_F
 ClientSampleId :
 PB81872BS

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.2	9.6	49.6
215	46.2	24.4	64.4

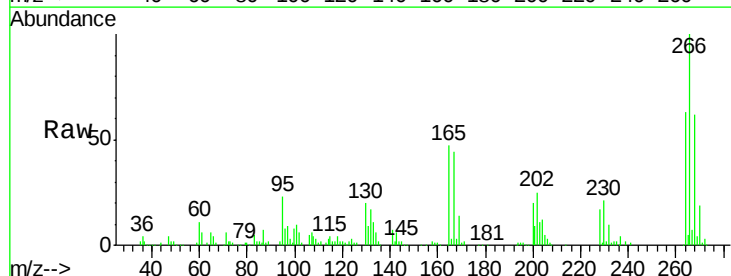


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

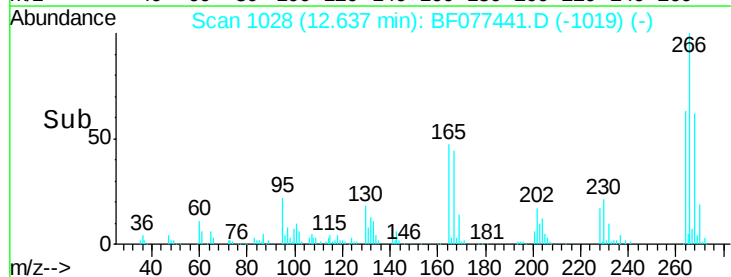
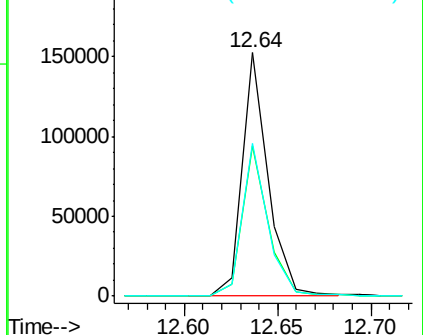


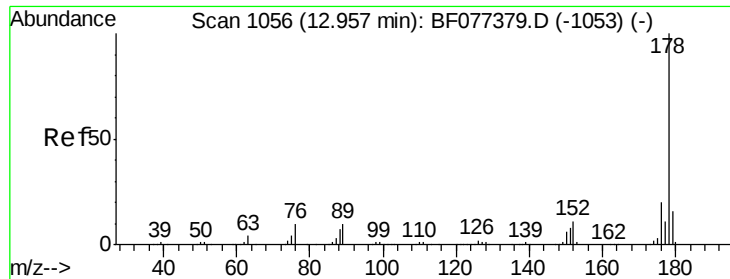
#69
 Pentachlorophenol
 Concen: 65.95 ng
 RT: 12.64 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BF077441.D
 Acq: 25 Feb 2015 18:49

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.6	51.2	76.8
264	63.0	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: 31.82 ng

RT: 12.91 min Scan# 1052

Delta R.T. 0.00 min

Lab File: BF077441.D

Acq: 25 Feb 2015 18:49

Instrument :

BNA_F

ClientSampleId :

PB81872BS

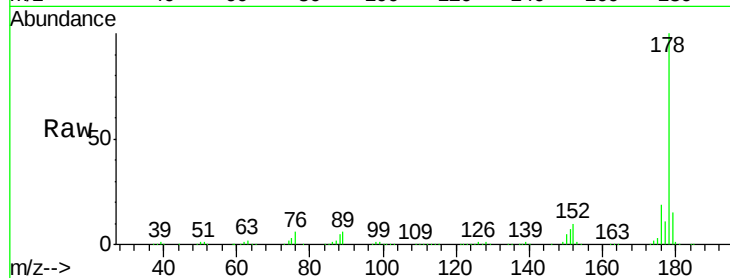
Tgt Ion:178 Resp: 623519

Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

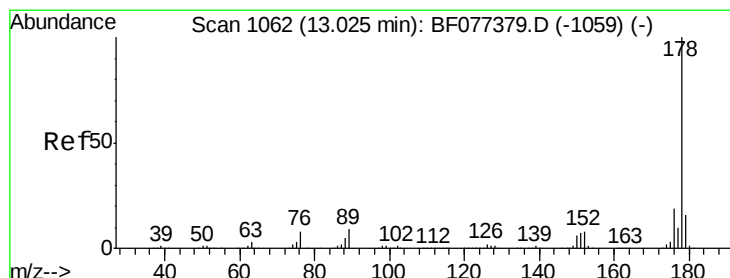
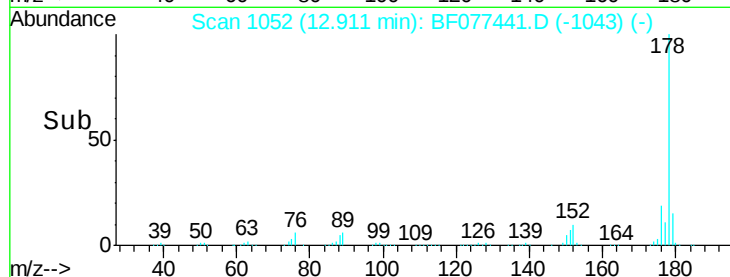
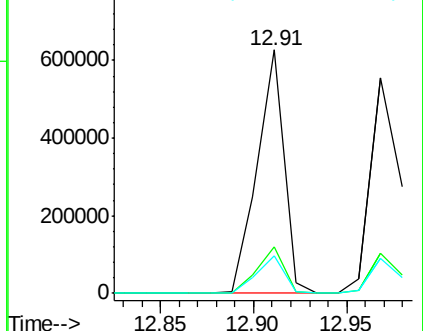
179 15.2 12.2 18.2



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: 30.70 ng

RT: 12.97 min Scan# 1057

Delta R.T. -0.01 min

Lab File: BF077441.D

Acq: 25 Feb 2015 18:49

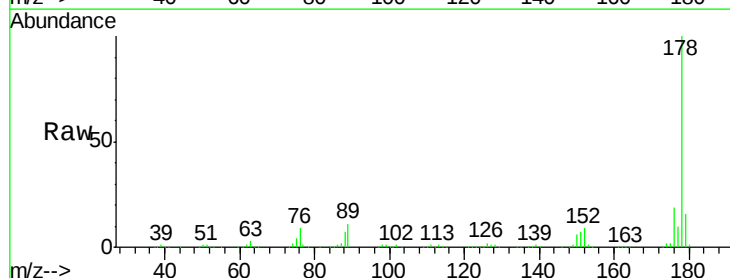
Tgt Ion:178 Resp: 597113

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.0

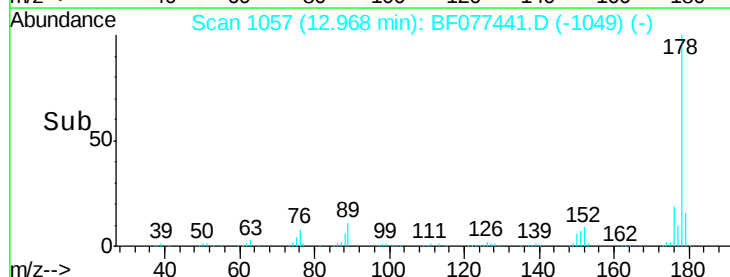
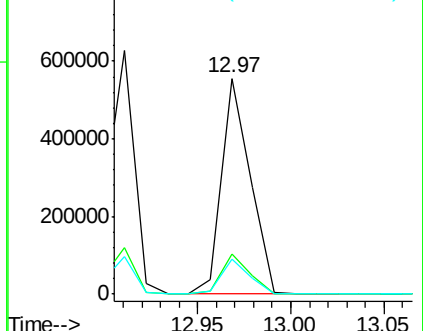
179 16.0 12.9 19.3

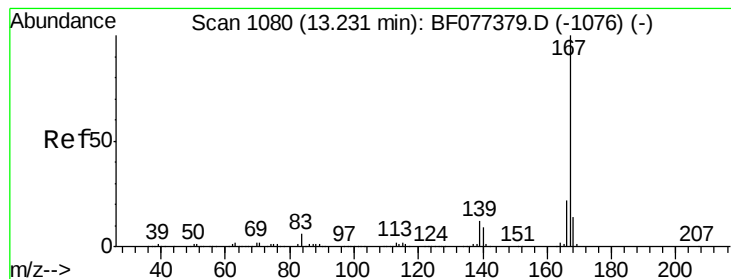


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 31.27 ng

RT: 13.17 min Scan# 1075

Delta R.T. -0.01 min

Lab File: BF077441.D

Acq: 25 Feb 2015 18:49

Instrument :

BNA_F

ClientSampleId :

PB81872BS

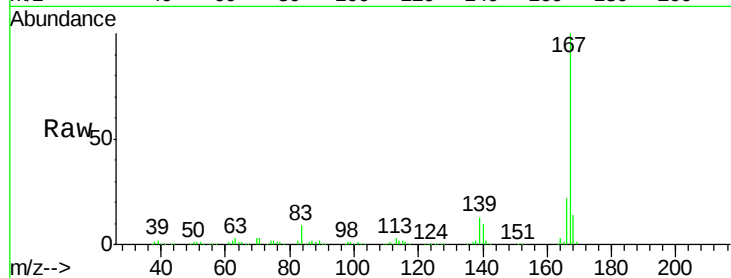
Tgt Ion:167 Resp: 578244

Ion Ratio Lower Upper

167 100

166 22.1 17.6 26.4

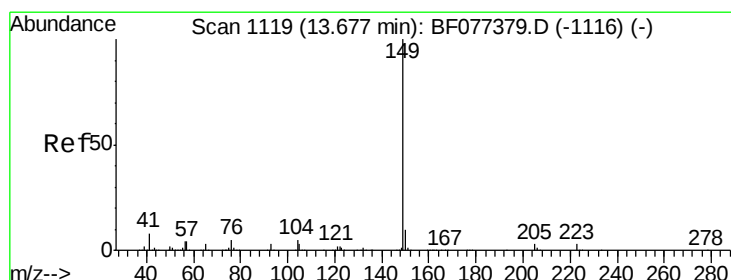
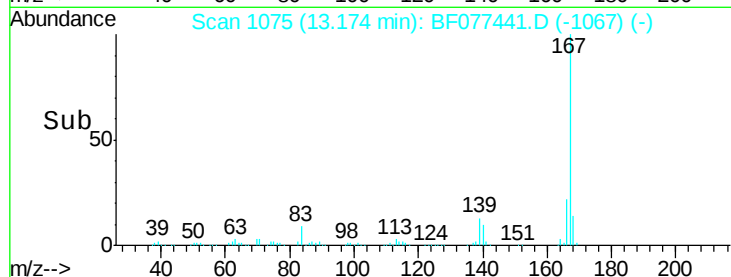
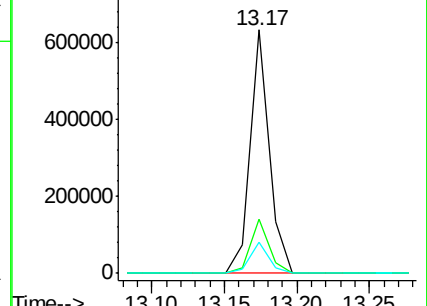
139 13.0 9.9 14.9



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: 28.85 ng

RT: 13.63 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BF077441.D

Acq: 25 Feb 2015 18:49

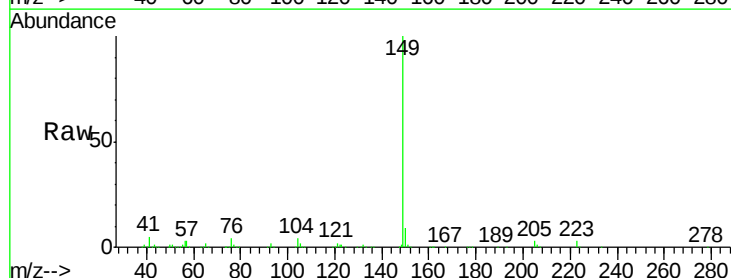
Tgt Ion:149 Resp: 626503

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.8

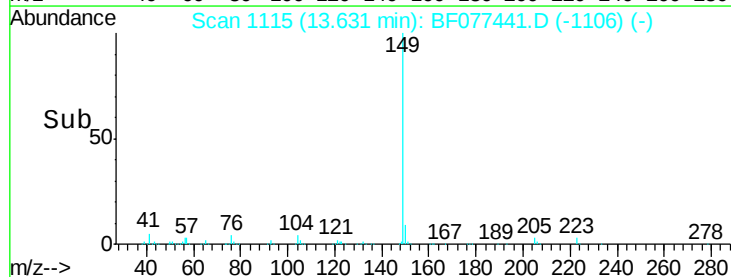
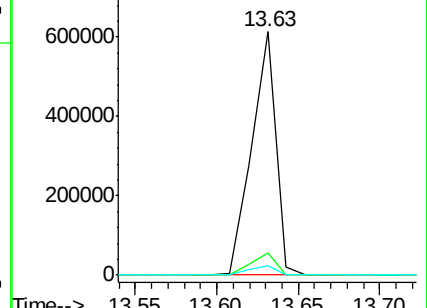
104 4.1 4.1 6.1#

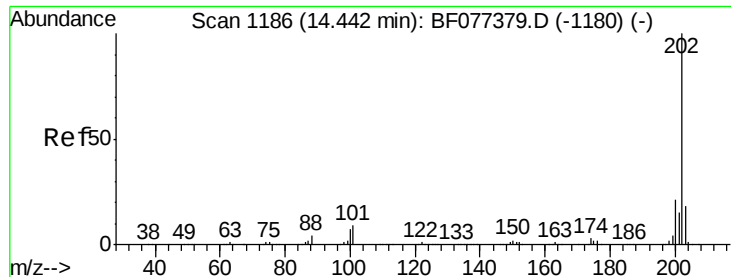


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

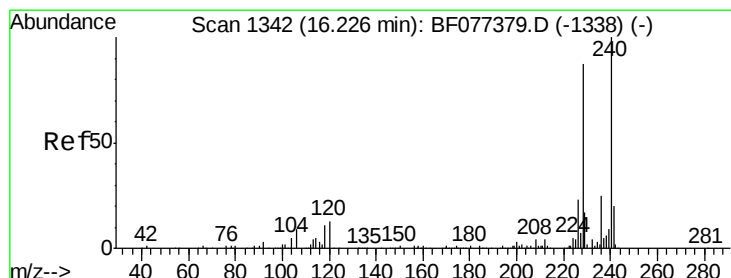
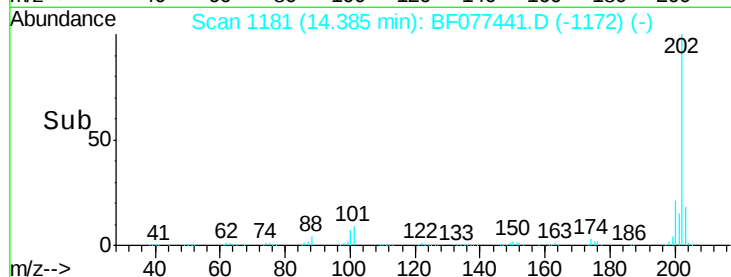
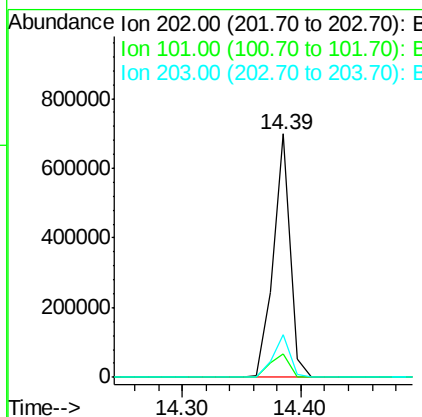
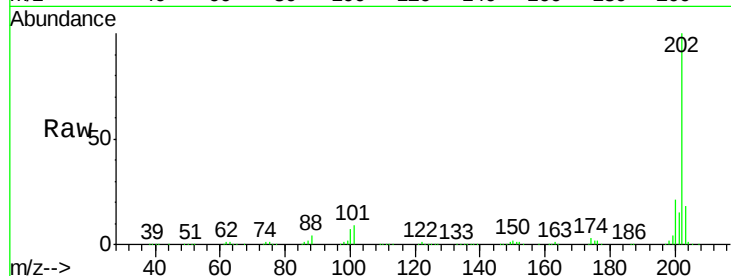




#74
Fluoranthene
Concen: 32.15 ng
RT: 14.39 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BF077441.D
Acq: 25 Feb 2015 18:49

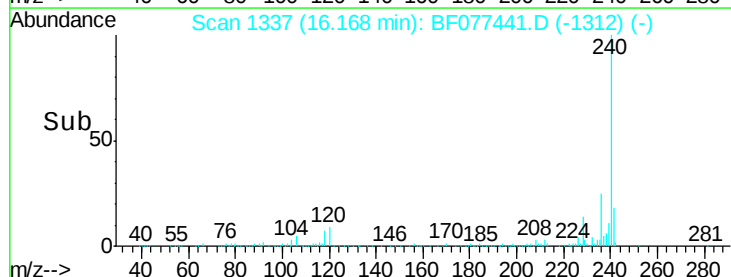
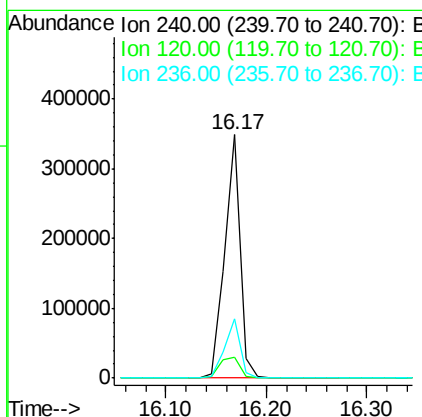
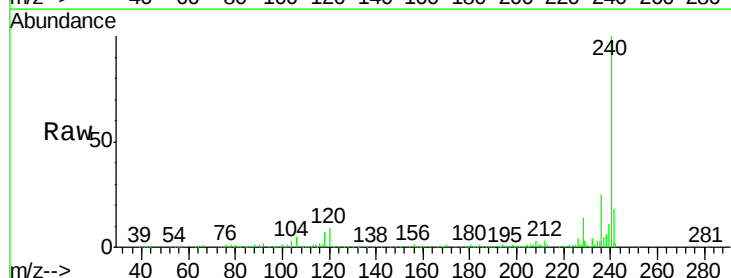
Instrument :
BNA_F
ClientSampleId :
PB81872BS

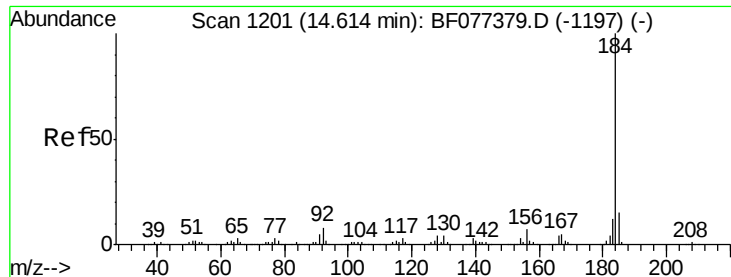
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	688319		
101	9.5		0.0	30.8
203	17.7		0.0	37.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.17 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF077441.D
Acq: 25 Feb 2015 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	372331		
120	8.8		8.8	13.2#
236	24.6		20.7	31.1





#76

Benzidine

Concen: 22.19 ng

RT: 14.56 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BF077441.D

Acq: 25 Feb 2015 18:49

Instrument :

BNA_F

ClientSampleId :

PB81872BS

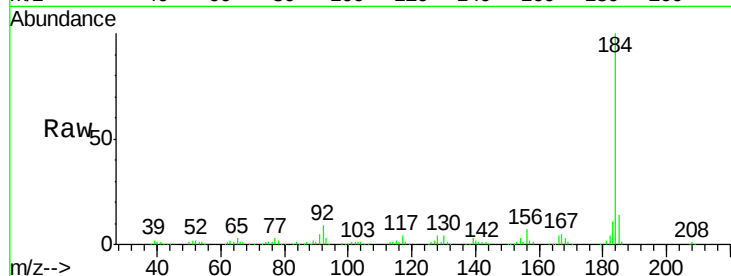
Tgt Ion:184 Resp: 279165

Ion Ratio Lower Upper

184 100

185 14.3 12.6 18.8

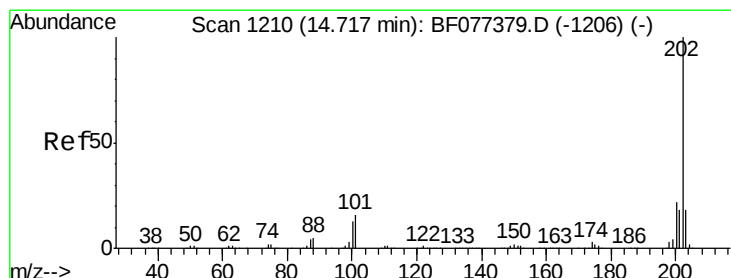
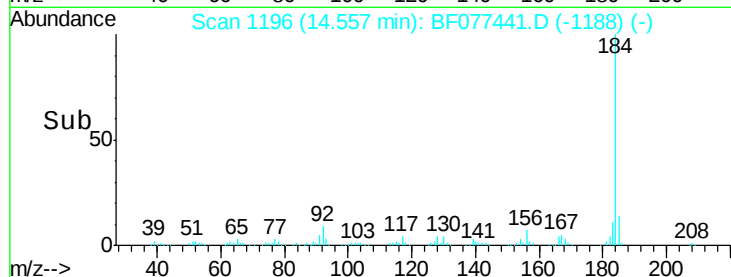
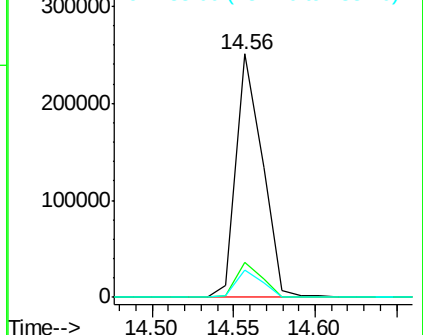
183 11.1 9.3 13.9



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: 31.05 ng

RT: 14.66 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF077441.D

Acq: 25 Feb 2015 18:49

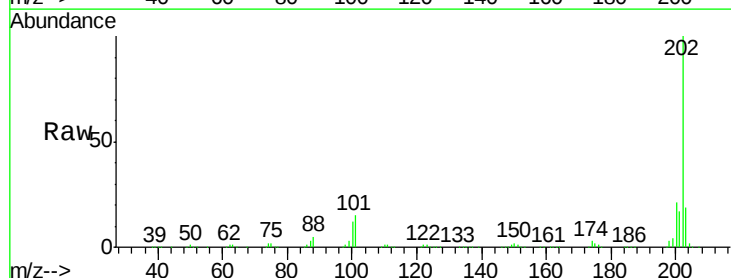
Tgt Ion:202 Resp: 707191

Ion Ratio Lower Upper

202 100

200 21.2 17.1 25.7

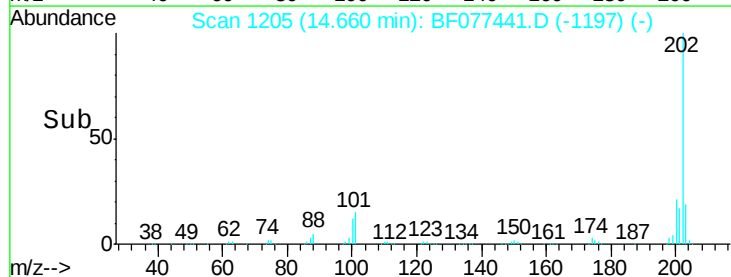
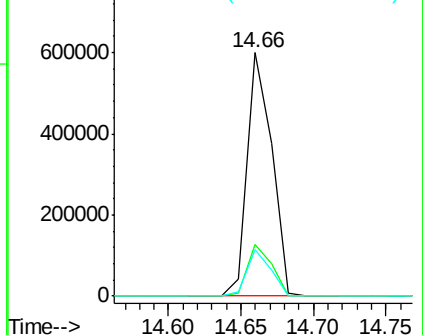
203 18.9 14.2 21.2

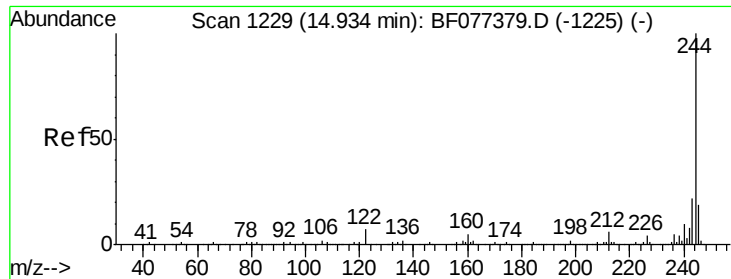


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

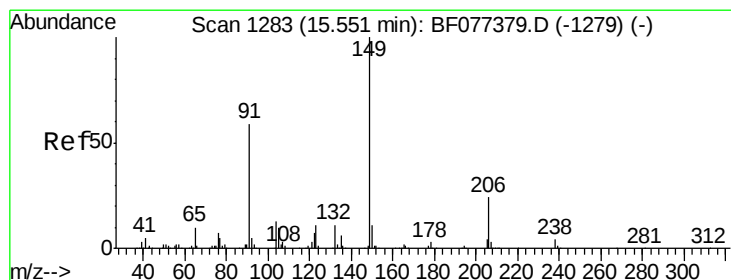
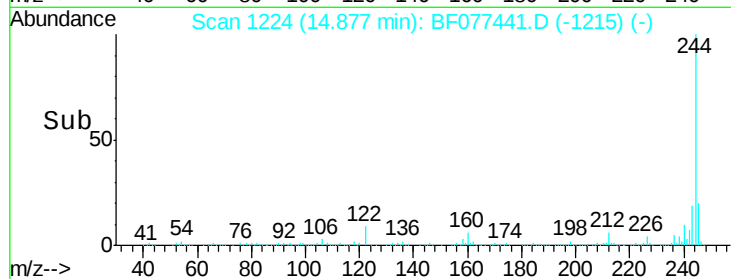
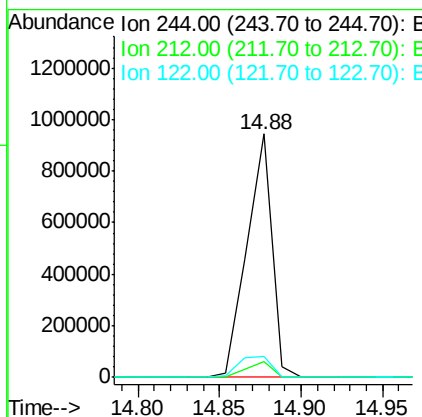
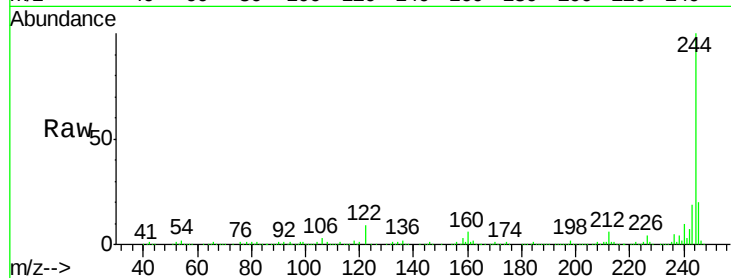




#78
 Terphenyl-d14
 Concen: 62.96 ng
 RT: 14.88 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF077441.D
 Acq: 25 Feb 2015 18:49

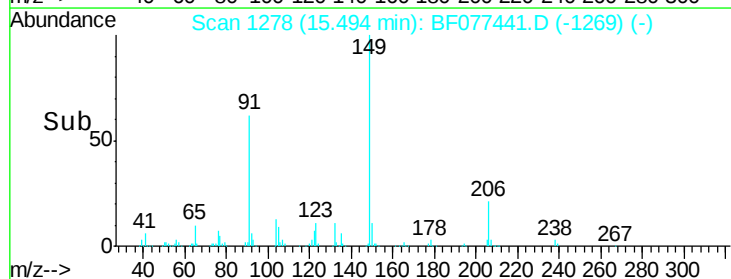
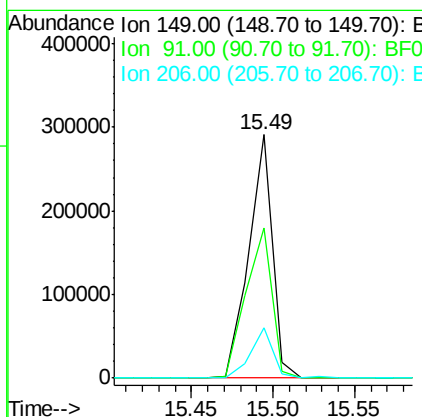
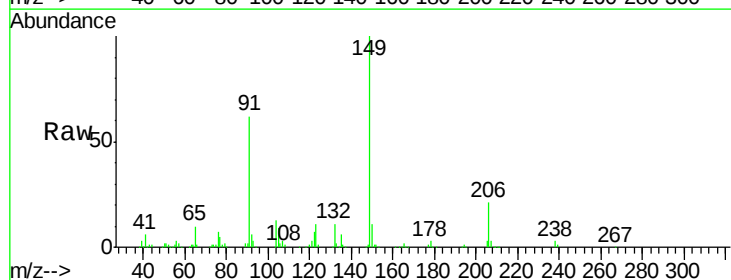
Instrument :
 BNA_F
 ClientSampleId :
 PB81872BS

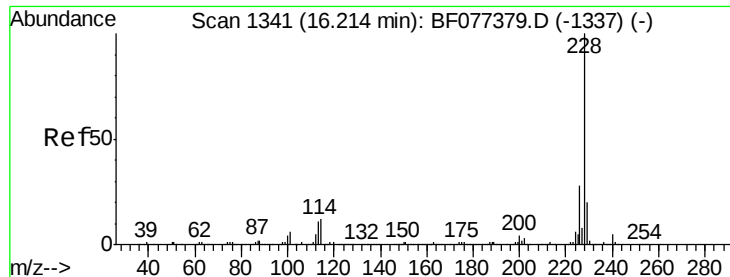
Tgt Ion:244 Resp: 1002690
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.2 7.8
 122 8.8 7.8 11.8



#79
 Butylbenzylphthalate
 Concen: 31.20 ng
 RT: 15.49 min Scan# 1278
 Delta R.T. 0.00 min
 Lab File: BF077441.D
 Acq: 25 Feb 2015 18:49

Tgt Ion:149 Resp: 292343
 Ion Ratio Lower Upper
 149 100
 91 61.5 51.2 76.8
 206 20.5 17.8 26.8





#80

Benzo(a)anthracene

Concen: 32.15 ng

RT: 16.16 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF077441.D

Acq: 25 Feb 2015 18:49

Instrument :

BNA_F

ClientSampleId :

PB81872BS

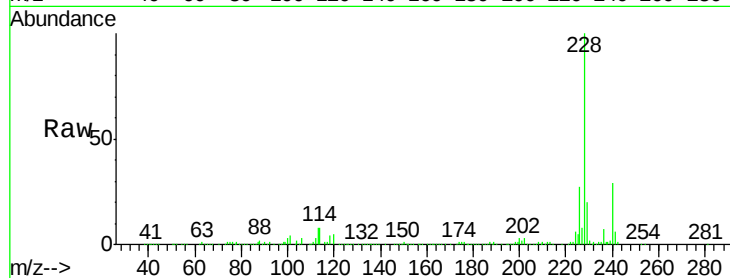
Tgt Ion:228 Resp: 701531

Ion Ratio Lower Upper

228 100

226 27.2 22.0 33.0

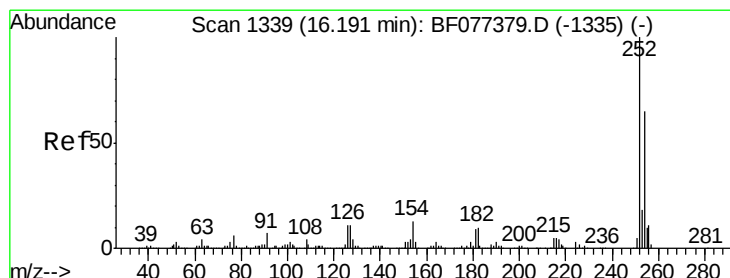
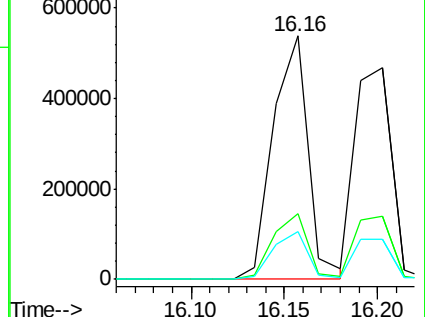
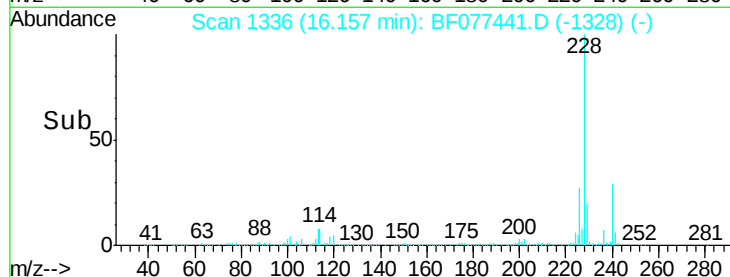
229 19.8 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 17.98 ng

RT: 16.13 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF077441.D

Acq: 25 Feb 2015 18:49

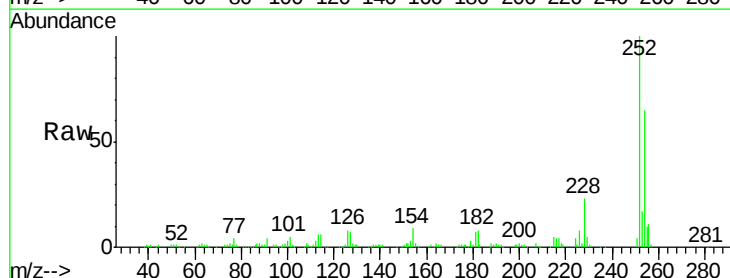
Tgt Ion:252 Resp: 143761

Ion Ratio Lower Upper

252 100

254 64.9 52.9 79.3

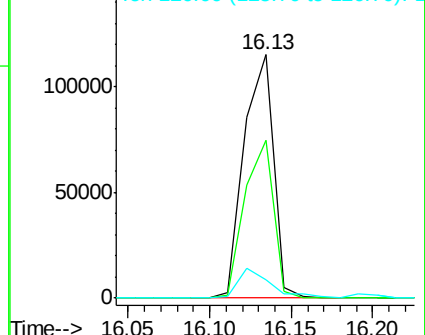
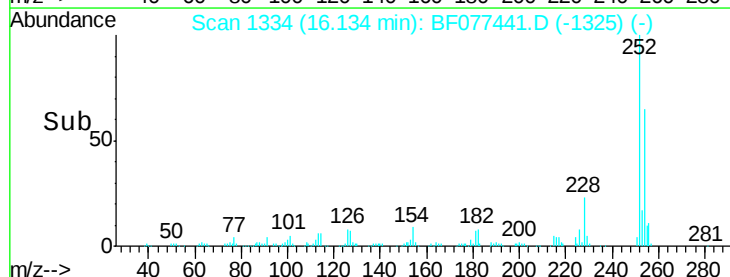
126 7.6 7.3 10.9

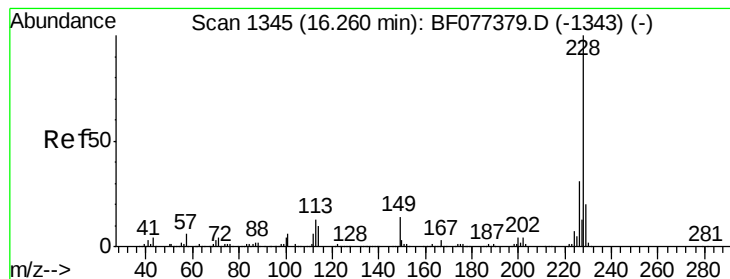


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 31.15 ng

RT: 16.20 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BF077441.D

Acq: 25 Feb 2015 18:49

Instrument :

BNA_F

ClientSampleId :

PB81872BS

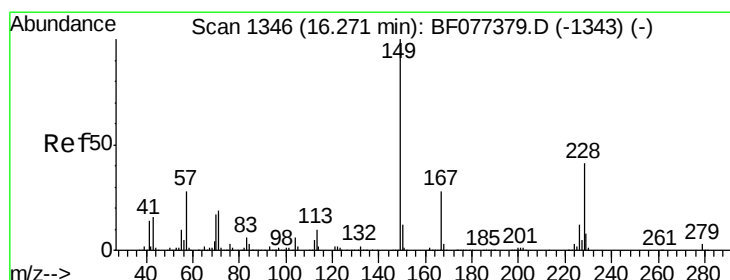
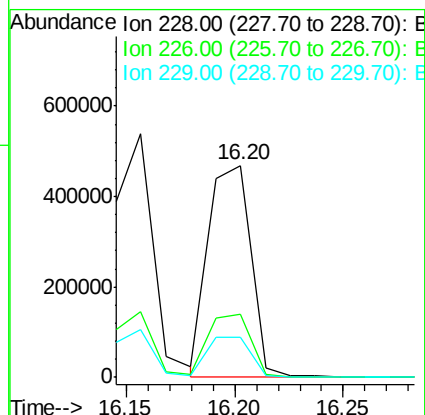
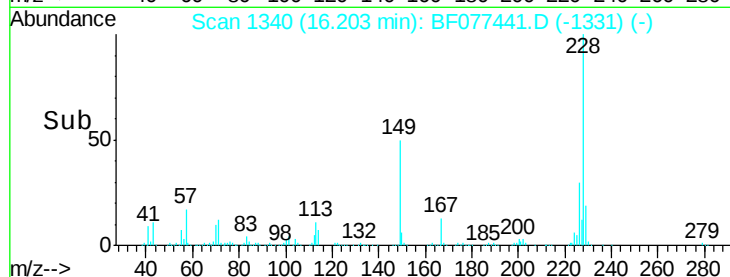
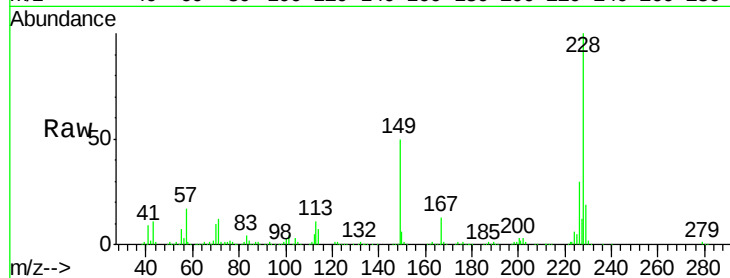
Tgt Ion:228 Resp: 638321

Ion Ratio Lower Upper

228 100

226 29.9 24.9 37.3

229 19.0 16.4 24.6



#83

Bis(2-ethylhexyl)phthalate

Concen: 26.70 ng

RT: 16.21 min Scan# 1341

Delta R.T. -0.01 min

Lab File: BF077441.D

Acq: 25 Feb 2015 18:49

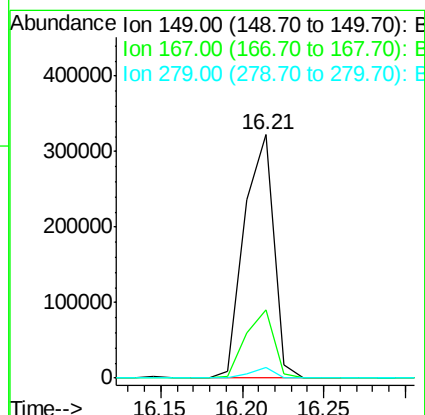
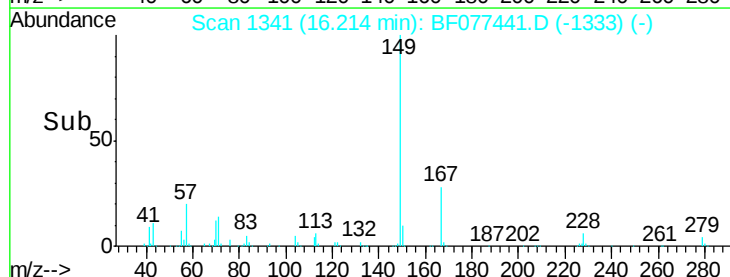
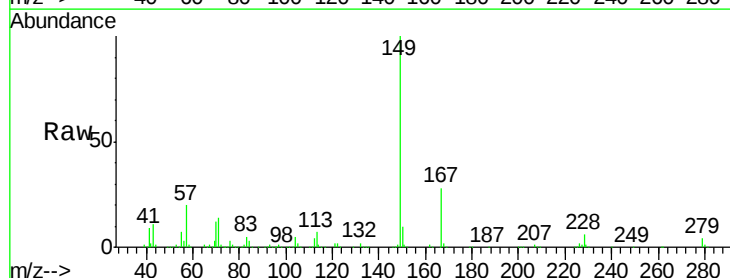
Tgt Ion:149 Resp: 401169

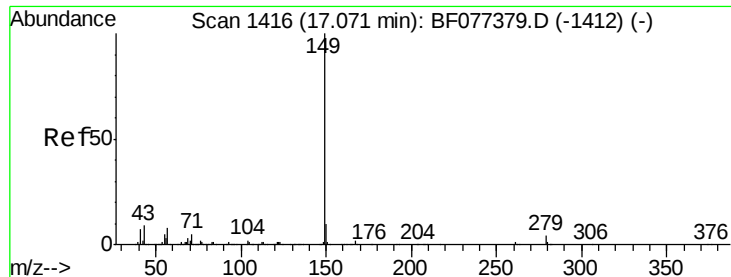
Ion Ratio Lower Upper

149 100

167 28.2 22.8 34.2

279 4.3 3.8 5.6





#84

Di-n-octyl phthalate

Concen: 27.78 ng

RT: 17.00 min Scan# 1410

Delta R.T. -0.02 min

Lab File: BF077441.D

Acq: 25 Feb 2015 18:49

Instrument :

BNA_F

ClientSampleId :

PB81872BS

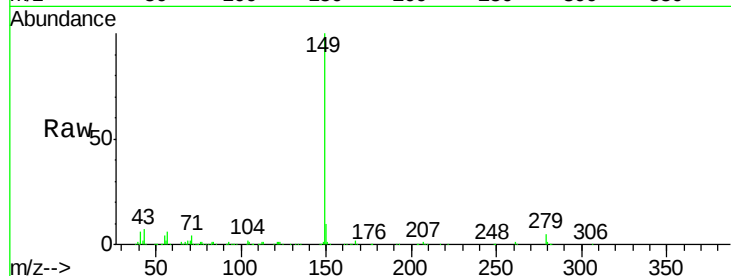
Tgt Ion:149 Resp: 697011

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

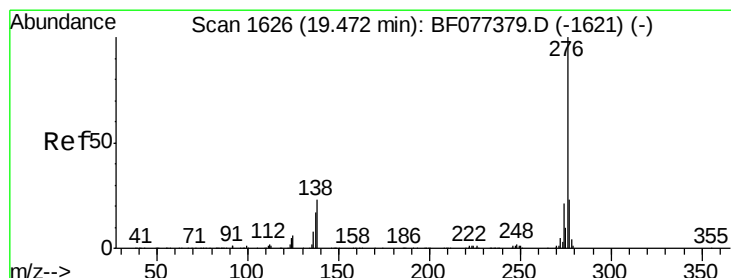
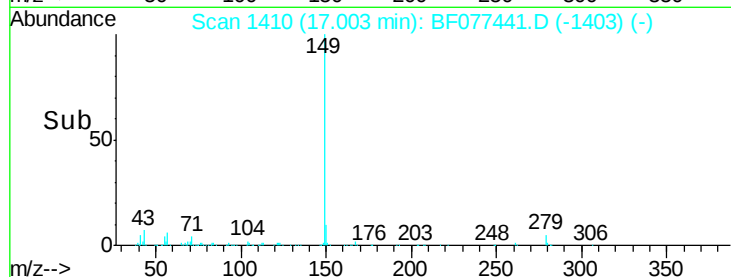
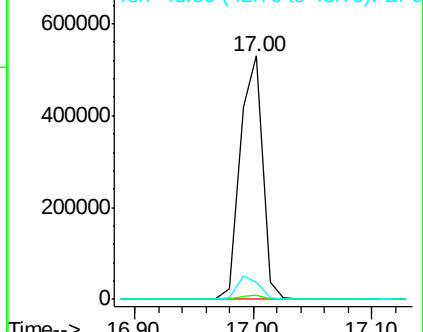
43 9.5 8.1 12.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 31.73 ng

RT: 19.35 min Scan# 1615

Delta R.T. -0.05 min

Lab File: BF077441.D

Acq: 25 Feb 2015 18:49

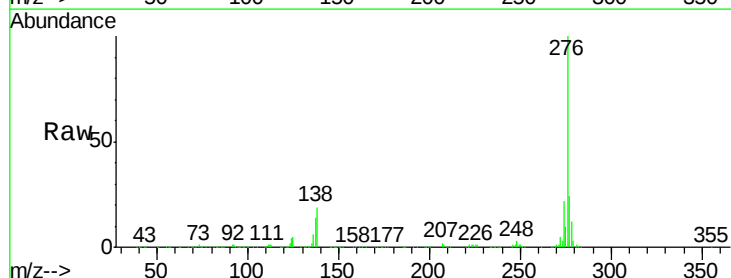
Tgt Ion:276 Resp: 741366

Ion Ratio Lower Upper

276 100

138 26.3 21.2 31.8

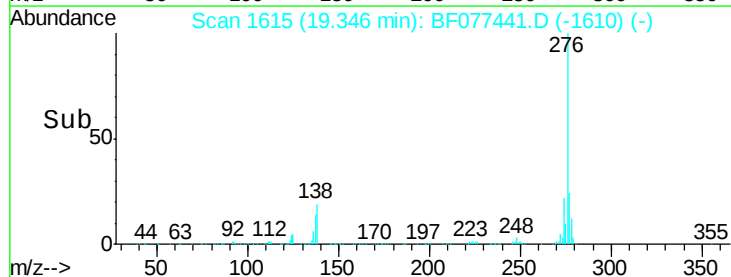
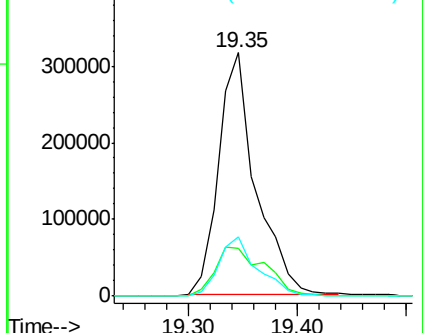
277 25.2 20.0 30.0

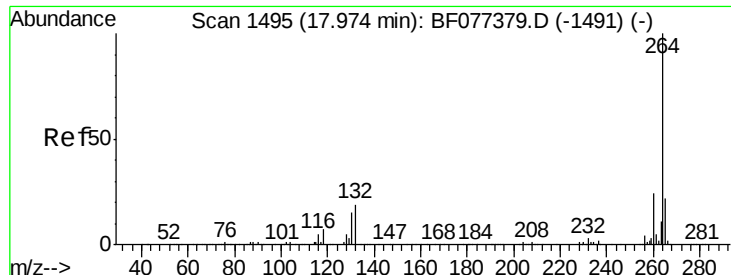


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

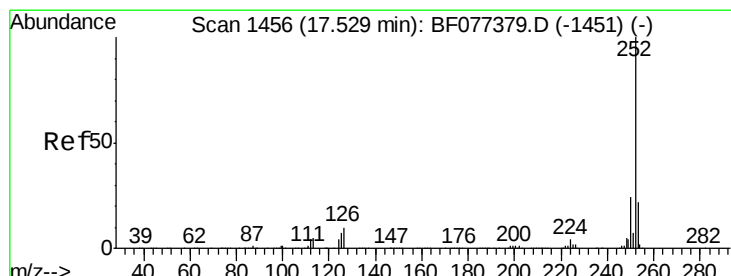
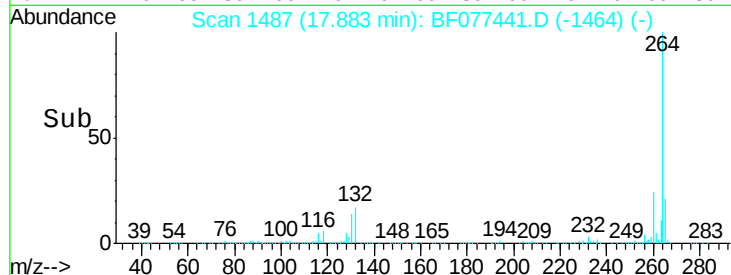
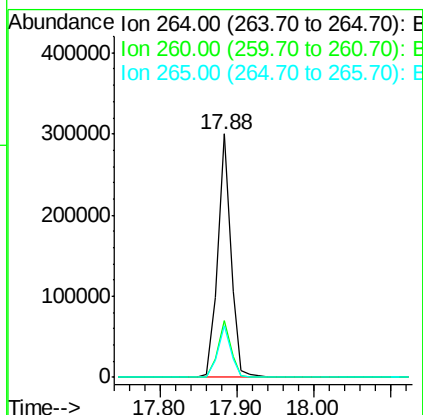
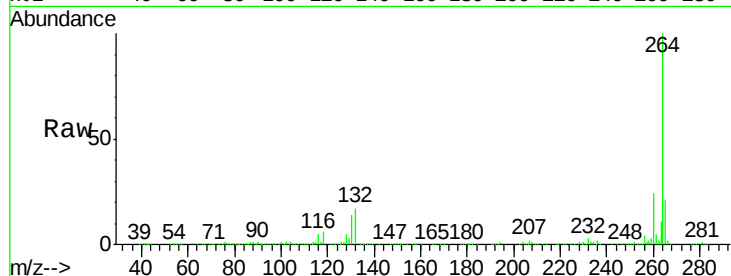




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.88 min Scan# 1487
Delta R.T. -0.03 min
Lab File: BF077441.D
Acq: 25 Feb 2015 18:49

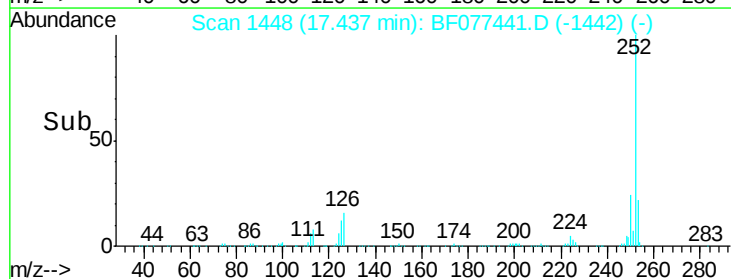
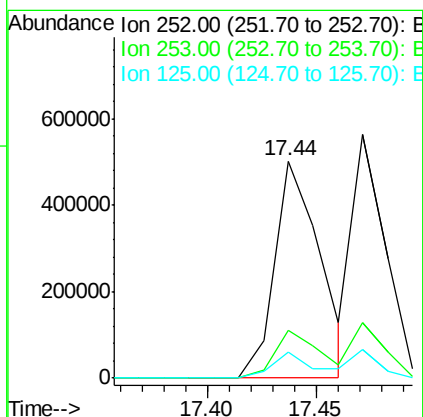
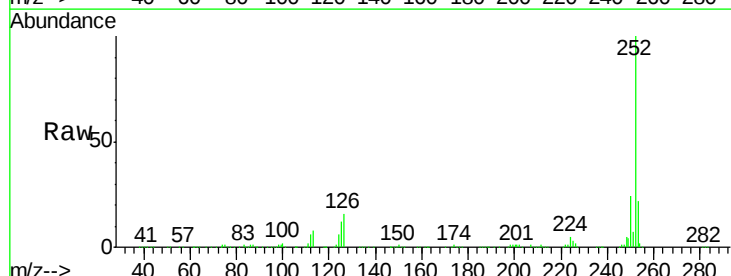
Instrument :
BNA_F
ClientSampleId :
PB81872BS

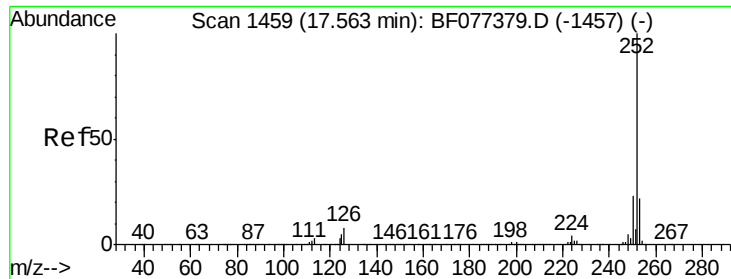
Tgt Ion: 264 Resp: 361837
Ion Ratio Lower Upper
264 100
260 23.5 19.3 28.9
265 21.0 16.8 25.2



#87
Benzo(b)fluoranthene
Concen: 34.99 ng
RT: 17.44 min Scan# 1448
Delta R.T. -0.03 min
Lab File: BF077441.D
Acq: 25 Feb 2015 18:49

Tgt Ion: 252 Resp: 736230
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 12.1 5.4 8.2#

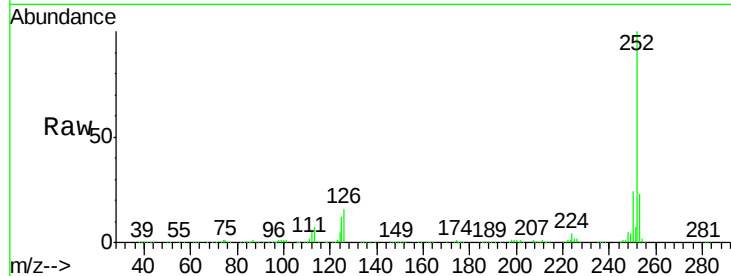




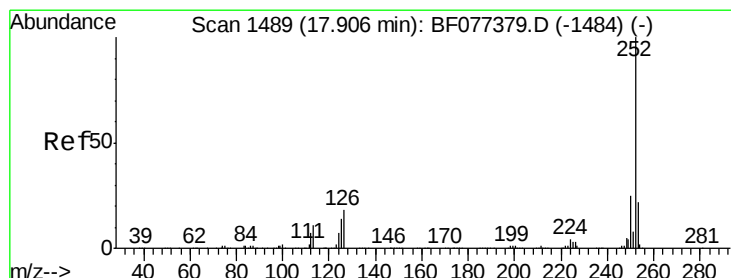
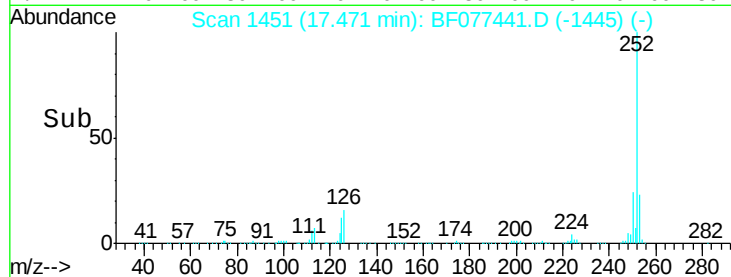
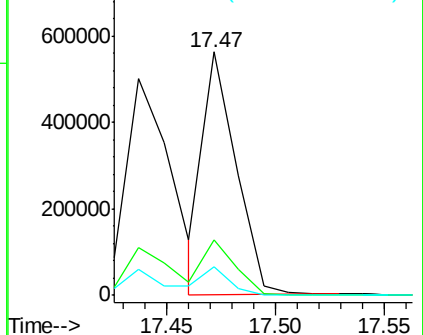
#88
Benzo(k)fluoranthene
Concen: 28.62 ng
RT: 17.47 min Scan# 1451
Delta R.T. -0.03 min
Lab File: BF077441.D
Acq: 25 Feb 2015 18:49

Instrument :
BNA_F
ClientSampleId :
PB81872BS

Tgt Ion:	252	Resp:	590155
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.1	27.1
125	11.6	10.1	15.1

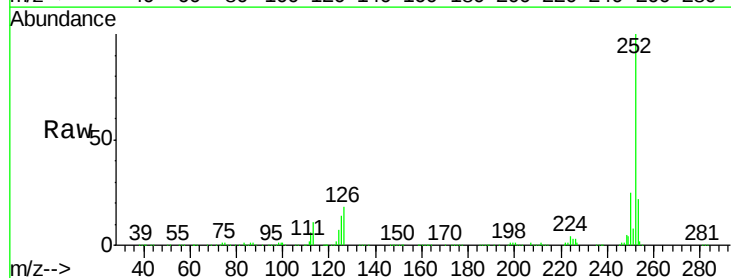


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

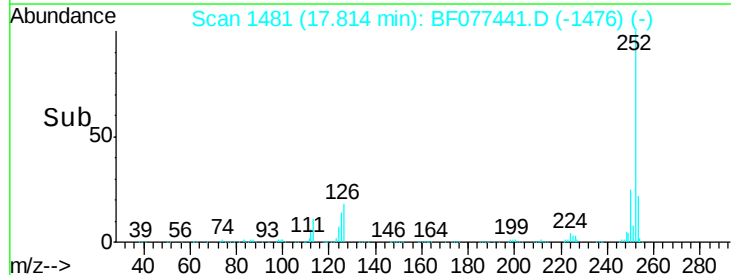
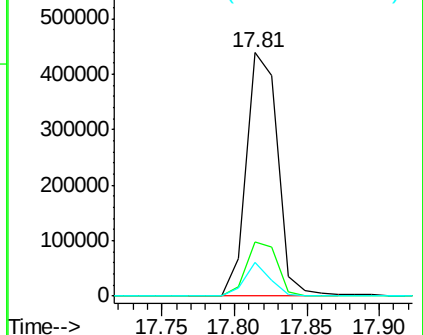


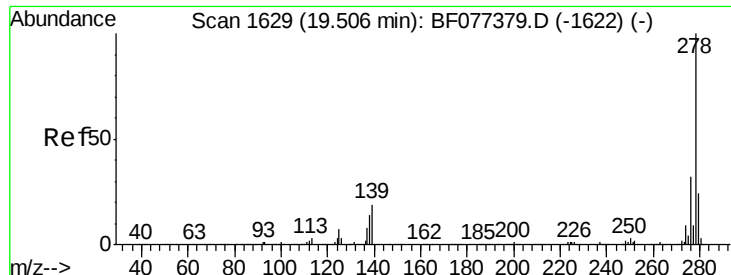
#89
Benzo(a)pyrene
Concen: 32.87 ng
RT: 17.81 min Scan# 1481
Delta R.T. -0.05 min
Lab File: BF077441.D
Acq: 25 Feb 2015 18:49

Tgt Ion:	252	Resp:	658620
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.2	27.2
125	14.0	8.3	12.5#



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





#90

Dibenzo(a,h)anthracene

Concen: 32.33 ng

RT: 19.37 min Scan# 1617

Delta R.T. -0.06 min

Lab File: BF077441.D

Acq: 25 Feb 2015 18:49

Instrument :

BNA_F

ClientSampleId :

PB81872BS

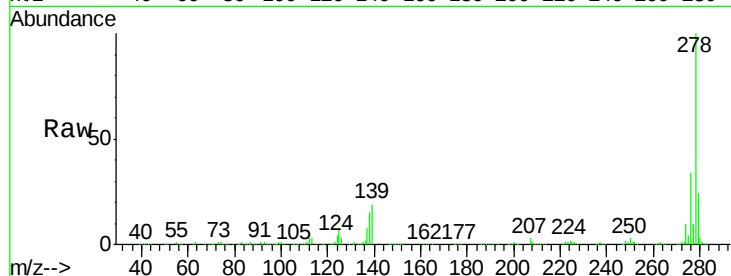
Tgt Ion: 278 Resp: 617945

Ion Ratio Lower Upper

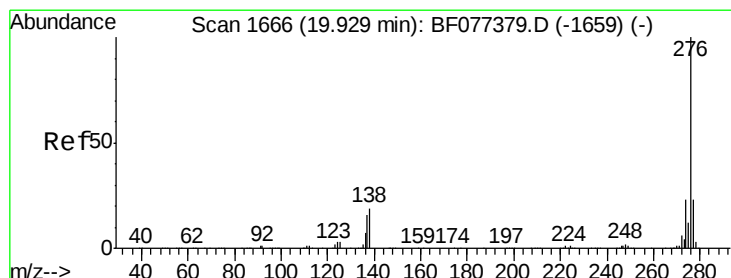
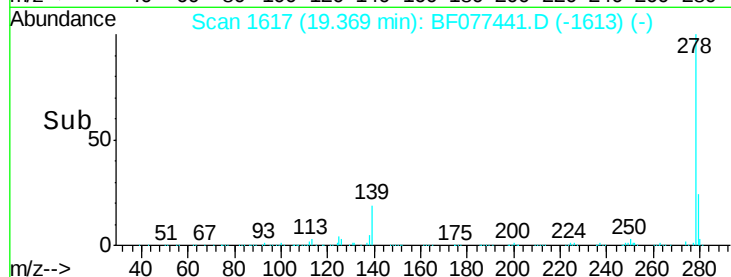
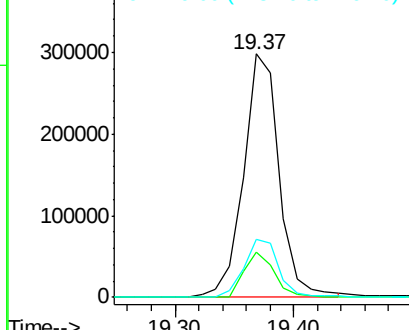
278 100

139 18.8 14.3 21.5

279 24.0 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: 32.67 ng

RT: 19.78 min Scan# 1653

Delta R.T. -0.05 min

Lab File: BF077441.D

Acq: 25 Feb 2015 18:49

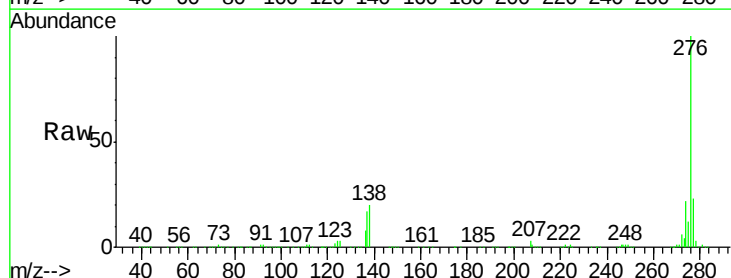
Tgt Ion: 276 Resp: 630179

Ion Ratio Lower Upper

276 100

277 23.3 18.9 28.3

138 20.2 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

