

Data Path : Z:\HPCHEM1\BNA F\Data\BF020915\
 Data File : BF077231.D
 Acq On : 9 Feb 2015 18:57
 Operator : TP/IZ
 Sample : G1212-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 10 01:14:43 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 10 00:55:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	28772	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	123726	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	62686	20.00	ng	0.01
63) Phenanthrene-d10	17.51	188	116200	20.00	ng	0.00
75) Chrysene-d12	21.01	240	109228	20.00	ng	0.00
86) Perylene-d12	22.65	264	91777	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	4.60	112	210382	120.22	ng	0.00
7) Phenol-d6	7.01	99	261282	118.36	ng	0.00
23) Nitrobenzene-d5	8.90	82	166696	74.64	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	66654	130.99	ng	0.00
44) 2-Fluorobiphenyl	13.16	172	349139	84.76	ng	0.00
78) Terphenyl-d14	19.76	244	380983	80.30	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.07	88	21469	28.65	ng	# 94
3) Pyridine	1.50	79	51833	26.73	ng	92
4) n-Nitrosodimethylamine	1.46	42	38290	39.87	ng	# 95
6) Aniline	6.89	93	54103	17.71	ng	97
8) 2-Chlorophenol	7.13	128	74659	37.01	ng	94
10) Phenol	7.04	94	84192	35.92	ng	95
11) bis(2-Chloroethyl)ether	7.14	93	69919	38.12	ng	# 84
12) 1,3-Dichlorobenzene	7.44	146	79835	34.78	ng	94
13) 1,4-Dichlorobenzene	7.63	146	81047	33.30	ng	99
14) 1,2-Dichlorobenzene	7.94	146	80492	35.89	ng	99
15) Benzyl Alcohol	8.05	79	65096	36.44	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.40	45	94245	38.22	ng	92
17) 2-Methylphenol	8.41	107	59268	35.95	ng	96
18) Hexachloroethane	8.68	117	30572	36.11	ng	97
19) n-Nitroso-di-n-propylamine	8.68	70	55543	35.94	ng	99
20) 3+4-Methylphenols	8.80	107	69751	31.95	ng	97
22) Acetophenone	8.60	105	113229	37.36	ng	95
24) Nitrobenzene	8.94	77	77355	34.00	ng	99
25) Isophorone	9.55	82	150442	36.99	ng	96
26) 2-Nitrophenol	9.69	139	36764	32.16	ng	# 85
27) 2,4-Dimethylphenol	9.97	122	64802	36.83	ng	92
28) bis(2-Chloroethoxy)methane	10.18	93	89500	38.72	ng	97
29) 2,4-Dichlorophenol	10.30	162	56658	34.55	ng	92
30) 1,2,4-Trichlorobenzene	10.42	180	67404	37.01	ng	100
31) Naphthalene	10.54	128	219290	34.43	ng	100
32) Benzoic acid	10.40	122	12865	13.20	ng	96
33) 4-Chloroaniline	10.82	127	49266	19.14	ng	97
34) Hexachlorobutadiene	10.92	225	37941	35.11	ng	94
35) Caprolactam	11.66	113	13909	28.81	ng	95
36) 4-Chloro-3-methylphenol	12.12	107	65768	35.03	ng	98
37) 2-Methylnaphthalene	12.20	142	159982	36.78	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.60	216	62022	40.02	ng	98
40) Hexachlorocyclopentadiene	12.59	237	61076	73.59	ng	98
42) 2,4,6-Trichlorophenol	12.97	196	41025	36.33	ng	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) 2,4,5-Trichlorophenol	13.06	196	37035	32.16	nq	# 91
45) 1,1'-Biphenyl	13.36	154	188825	40.63	nq	99
46) 2-Chloronaphthalene	13.33	162	150217	39.28	nq	98
47) 2-Nitroaniline	13.69	65	48452	41.77	nq	86
48) Acenaphthylene	14.27	152	241475	37.44	nq	100
49) Dimethylphthalate	14.24	163	189035	42.52	nq	# 98
50) 2,6-Dinitrotoluene	14.33	165	39124	44.05	nq	# 86
51) Acenaphthene	14.69	154	137774	37.65	nq	94
52) 3-Nitroaniline	14.68	138	27638	24.74	nq	95
53) 2,4-Dinitrophenol	14.97	184	24514	61.93	nq	# 89
54) Dibenzofuran	15.12	168	217572	40.81	nq	98
55) 4-Nitrophenol	15.30	139	44281	63.54	nq	96
56) 2,4-Dinitrotoluene	15.27	165	53125	40.25	nq	# 89
57) Fluorene	15.89	166	179290	39.69	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.49	232	31068	37.05	nq	# 88
59) Diethylphthalate	15.91	149	193723	43.12	nq	98
60) 4-Chlorophenyl-phenylether	16.00	204	76821	41.57	nq	88
61) 4-Nitroaniline	16.07	138	36057	32.68	nq	99
62) Azobenzene	16.29	77	193301	41.29	nq	97
64) 4,6-Dinitro-2-methylphenol	16.13	198	23602	32.73	nq	86
65) n-Nitrosodiphenylamine	16.25	169	147849	35.68	nq	97
66) 4-Bromophenyl-phenylether	16.87	248	45041	38.26	nq	99
67) Hexachlorobenzene	16.88	284	45381	36.58	nq	# 85
68) Atrazine	17.27	200	49985	39.76	nq	99
69) Pentachlorophenol	17.27	266	30473	55.84	nq	90
70) Phenanthrene	17.54	178	262703	36.25	nq	99
71) Anthracene	17.62	178	263838	37.34	nq	98
72) Carbazole	17.91	167	245314	35.79	nq	98
73) Di-n-butylphthalate	18.51	149	320234	40.37	nq	98
74) Fluoranthene	19.20	202	271811	36.61	nq	97
76) Benzidine	19.45	184	113345	32.43	nq	100
77) Pyrene	19.47	202	280499	37.47	nq	99
79) Butylbenzylphthalate	20.42	149	142428	42.01	nq	97
80) Benzo(a)anthracene	21.00	228	251266	36.67	nq	99
81) 3,3'-Dichlorobenzidine	21.01	252	54399	24.98	nq	98
82) Chrysene	21.05	228	227483	36.40	nq	99
83) Bis(2-ethylhexyl)phthalate	21.16	149	204531	43.60	nq	# 99
84) Di-n-octyl phthalate	21.92	149	346127	42.52	nq	98
85) Indeno(1,2,3-cd)pyrene	23.72	276	235759	35.60	nq	# 83
87) Benzo(b)fluoranthene	22.24	252	241615	39.09	nq	99
88) Benzo(k)fluoranthene	22.24	252	241615	44.74	nq	# 97
89) Benzo(a)pyrene	22.59	252	213343	39.13	nq	98
90) Dibenzo(a,h)anthracene	23.75	278	195539	39.09	nq	# 94
91) Benzo(g,h,i)perylene	23.99	276	188368	37.87	nq	97

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

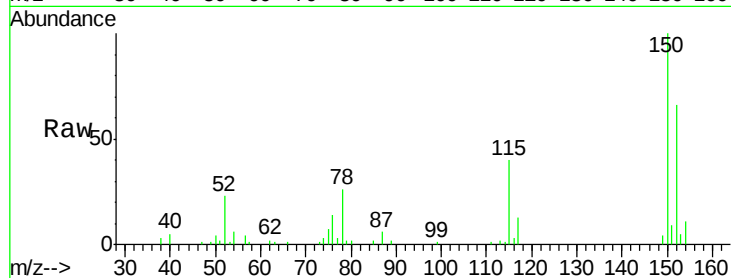


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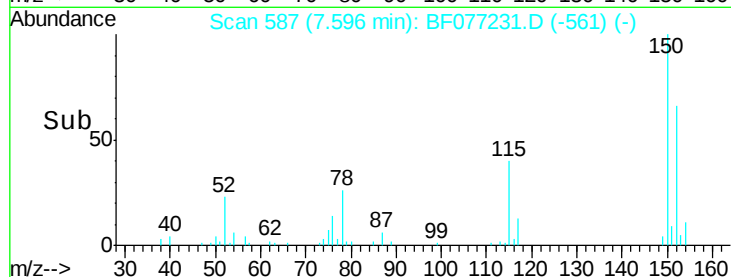
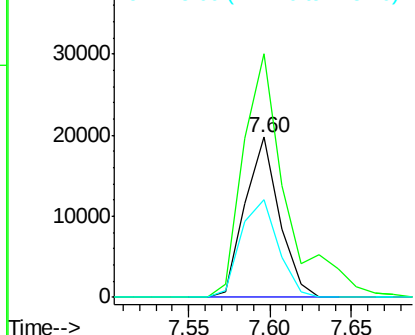
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.60 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF077231.D
Acq: 9 Feb 2015 18:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 28772
Ion Ratio Lower Upper
152 100
150 152.0 121.7 182.5
115 61.0 47.0 70.6



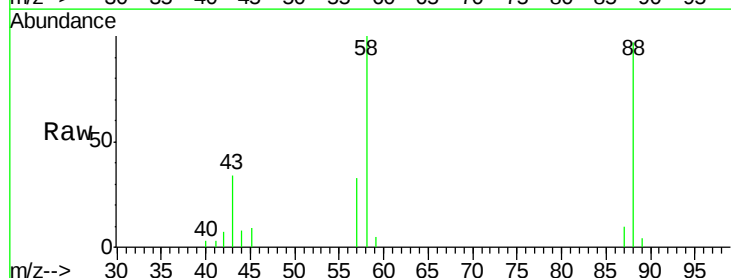
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



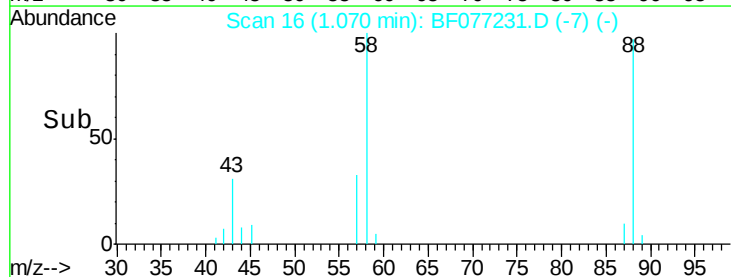
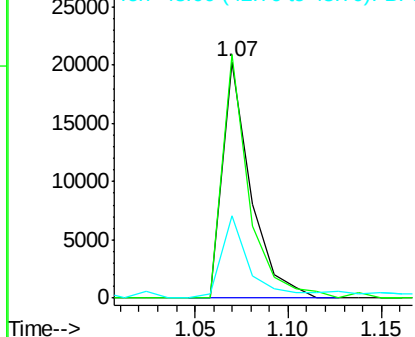
#2

1,4-Dioxane
Concen: 28.65 ng
RT: 1.07 min Scan# 16
Delta R.T. -0.00 min
Lab File: BF077231.D
Acq: 9 Feb 2015 18:57

Tgt Ion: 88 Resp: 21469
Ion Ratio Lower Upper
88 100
58 98.1 77.0 115.4
43 42.2 25.6 38.4#



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





#3

Pvridine

Concen: 26.73 ng

RT: 1.50 min Scan# 54

Delta R.T. -0.00 min

Lab File: BF077231.D

Acq: 9 Feb 2015 18:57

Instrument :

BNA_F

ClientSampled :

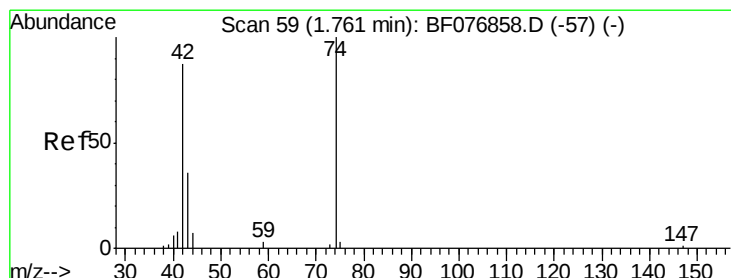
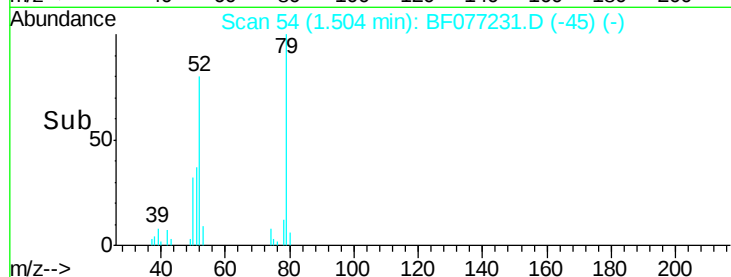
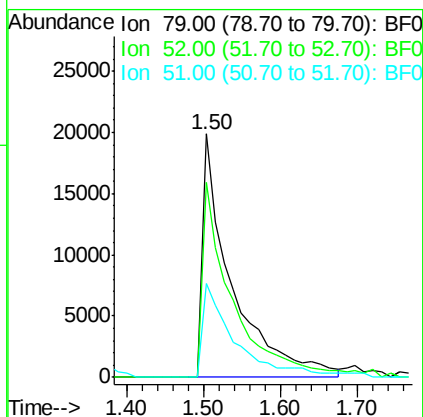
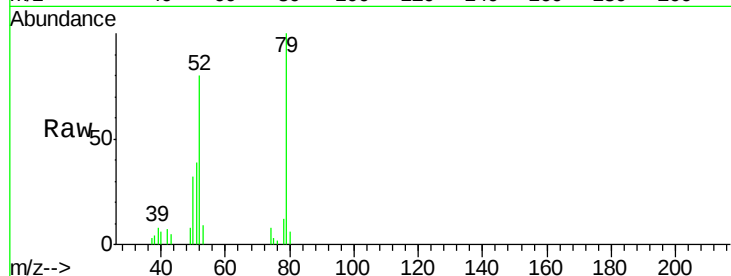
Tot Ion: 79 Resp: 51833

Ion Ratio Lower Upper

79 100

52 79.9 70.1 105.1

51 38.7 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 39.87 ng

RT: 1.46 min Scan# 50

Delta R.T. -0.00 min

Lab File: BF077231.D

Acq: 9 Feb 2015 18:57

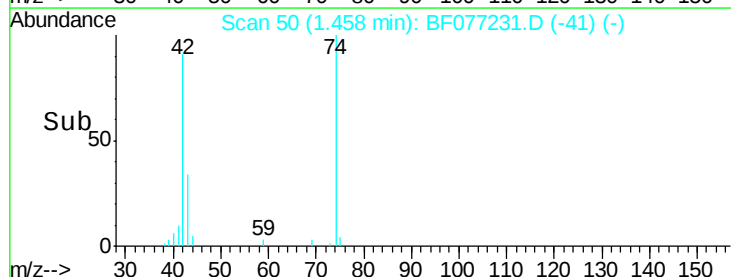
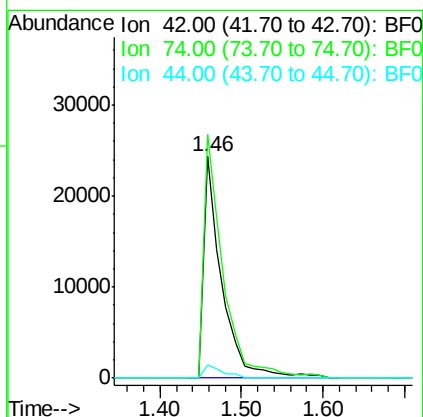
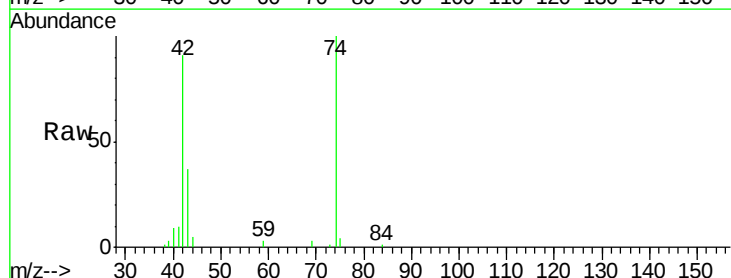
Tgt Ion: 42 Resp: 38290

Ion Ratio Lower Upper

42 100

74 109.9 92.4 138.6

44 6.0 6.2 9.2#





#5

2-Fluorophenol

Concen: 120.22 ng

RT: 4.60 min Scan# 325

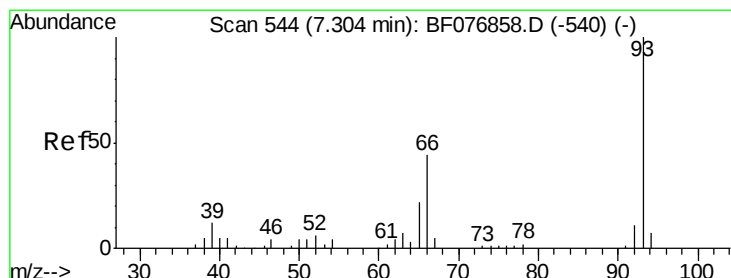
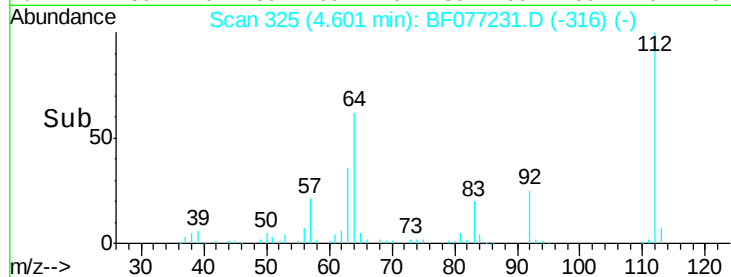
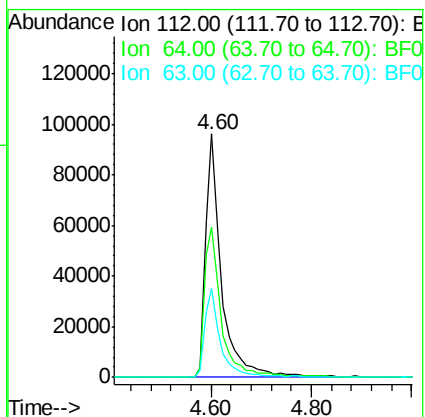
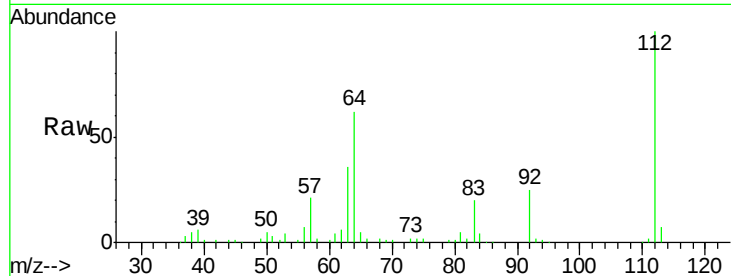
Delta R.T. -0.00 min

Lab File: BF077231.D

Acq: 9 Feb 2015 18:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	210382
Ion	Ratio	Lower	Upper
112	100		
64	61.9	54.2	81.4
63	36.5	28.4	42.6



#6

Aniline

Concen: 17.71 ng

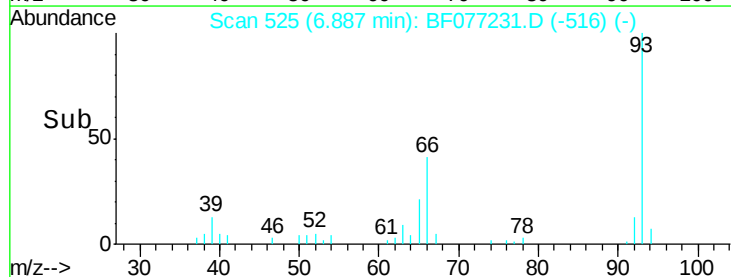
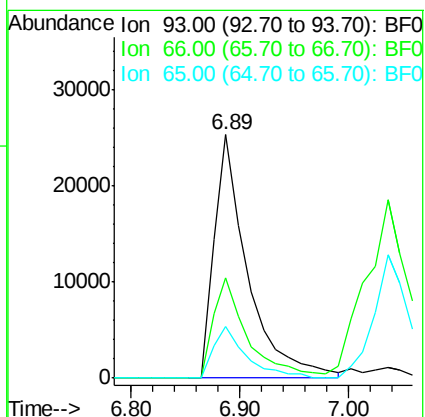
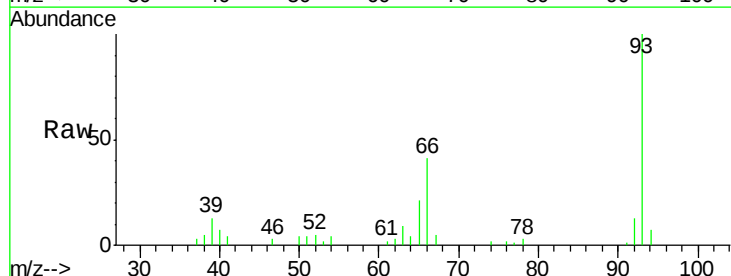
RT: 6.89 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF077231.D

Acq: 9 Feb 2015 18:57

Tgt Ion:	93	Resp:	54103
Ion	Ratio	Lower	Upper
93	100		
66	41.4	35.0	52.4
65	21.4	17.7	26.5





#7

Phenol-d6

Concen: 118.36 ng

RT: 7.01 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF077231.D

Acq: 9 Feb 2015 18:57

Instrument :

BNA_F

ClientSampleId :

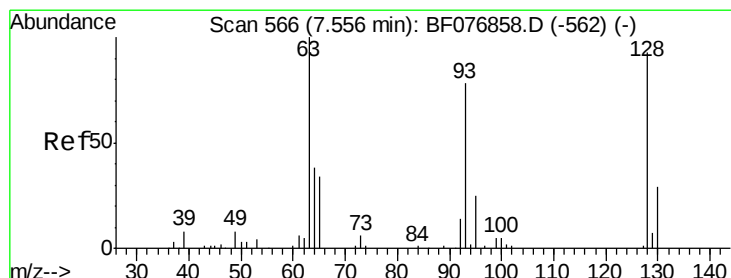
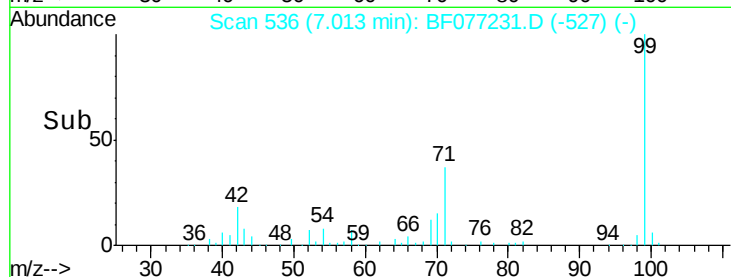
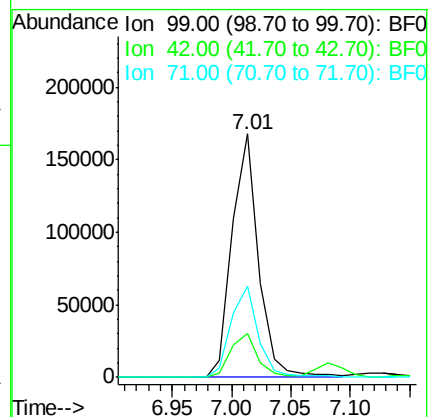
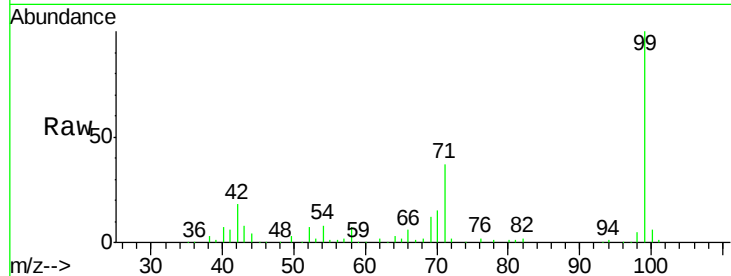
Tot Ion: 99 Resp: 261282

Ion Ratio Lower Upper

99 100

42 18.1 15.0 22.4

71 37.3 30.5 45.7



#8

2-Chlorophenol

Concen: 37.01 ng

RT: 7.13 min Scan# 546

Delta R.T. -0.00 min

Lab File: BF077231.D

Acq: 9 Feb 2015 18:57

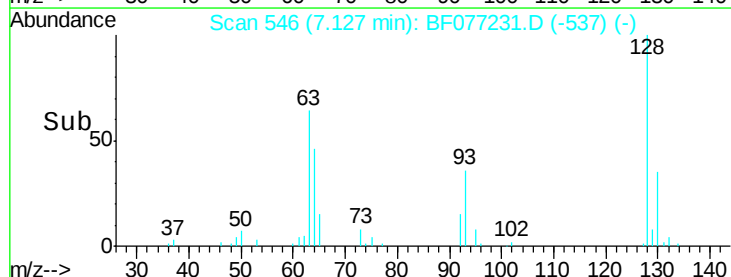
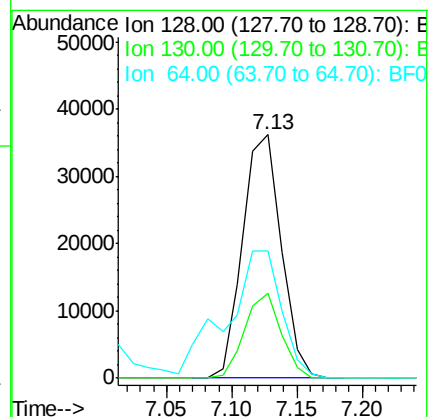
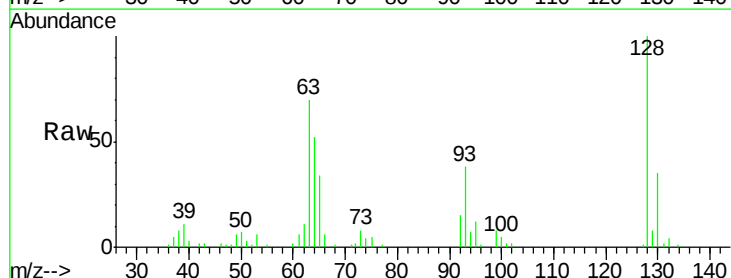
Tgt Ion: 128 Resp: 74659

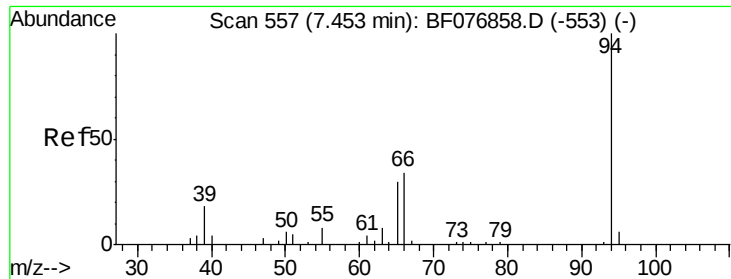
Ion Ratio Lower Upper

128 100

130 35.1 11.0 51.0

64 52.4 29.3 69.3





#10

Phenol

Concen: 35.92 ng

RT: 7.04 min Scan# 538

Delta R.T. -0.00 min

Lab File: BF077231.D

Acq: 9 Feb 2015 18:57

Instrument :

BNA_F

ClientSampled :

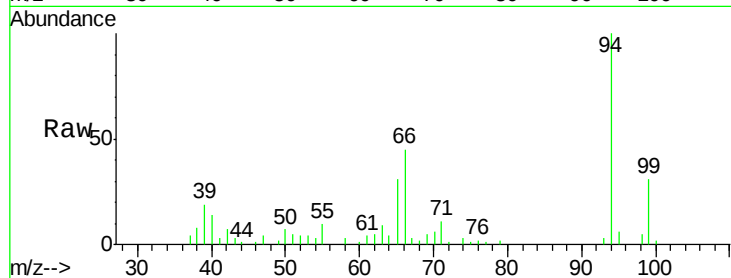
Tot Ion: 94 Resp: 84192

Ion Ratio Lower Upper

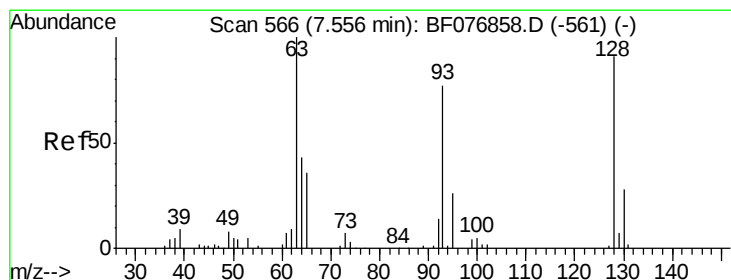
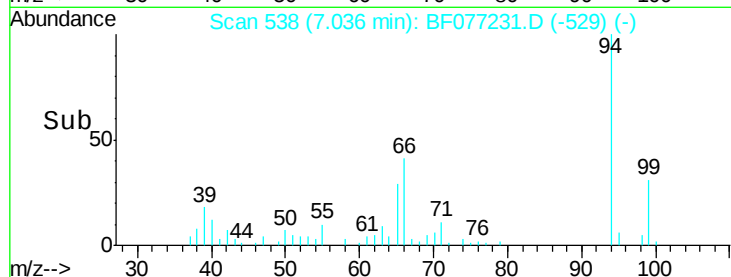
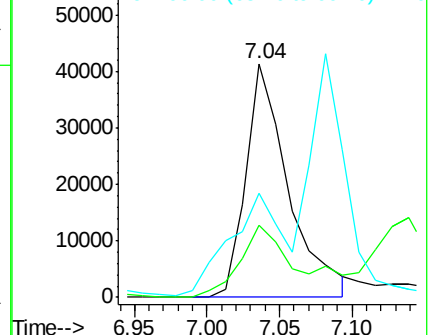
94 100

65 31.1 11.3 51.3

66 44.7 19.5 59.5



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 38.12 ng

RT: 7.14 min Scan# 547

Delta R.T. -0.00 min

Lab File: BF077231.D

Acq: 9 Feb 2015 18:57

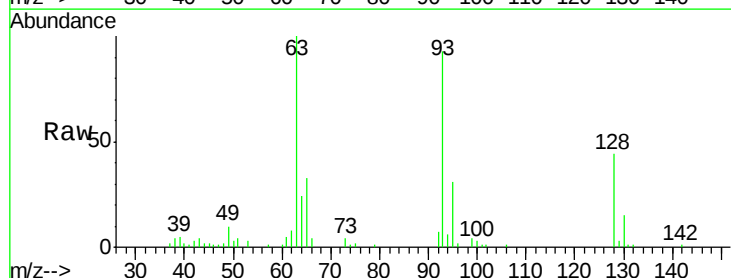
Tgt Ion: 93 Resp: 69919

Ion Ratio Lower Upper

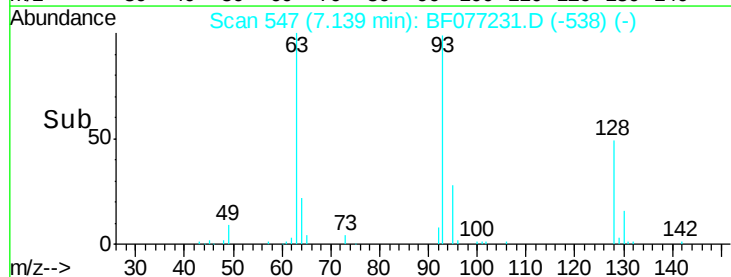
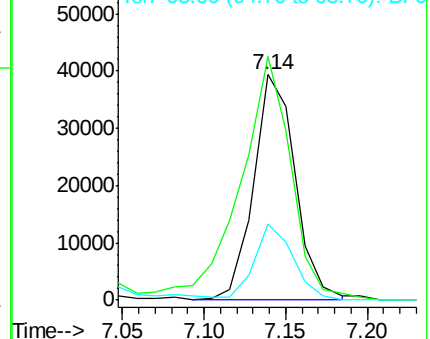
93 100

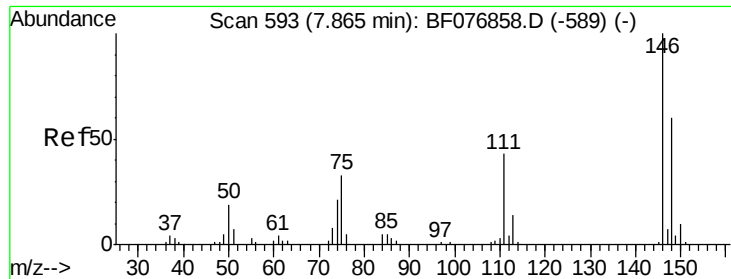
63 108.1 111.3 151.3#

95 34.0 13.8 53.8



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

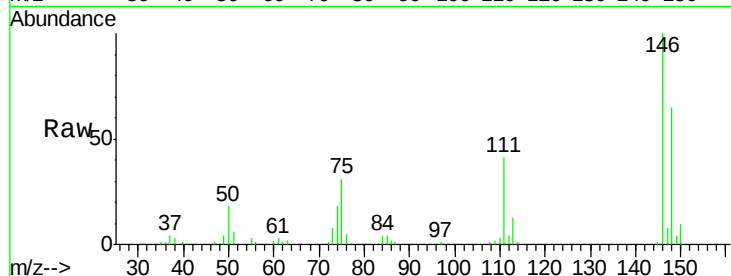




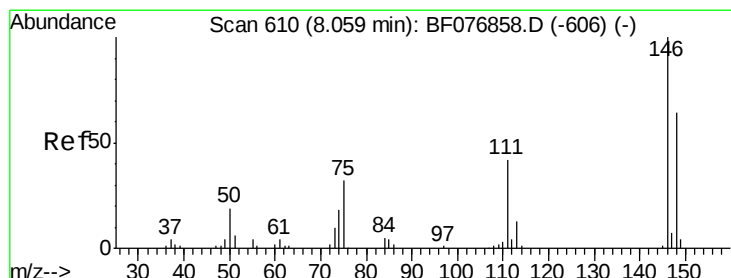
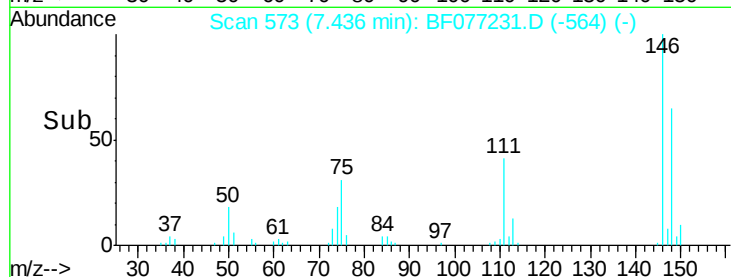
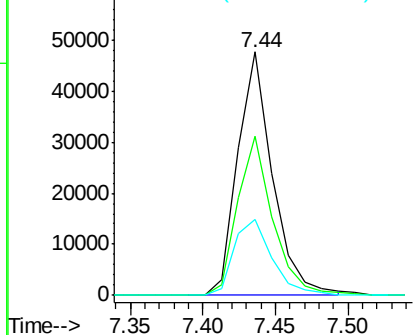
#12
 1,3-Dichlorobenzene
 Concen: 34.78 ng
 RT: 7.44 min Scan# 573
 Delta R.T. -0.00 min
 Lab File: BF077231.D
 Acq: 9 Feb 2015 18:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 79835
 Ion Ratio Lower Upper
 146 100
 148 65.4 48.1 72.1
 75 31.4 26.8 40.2

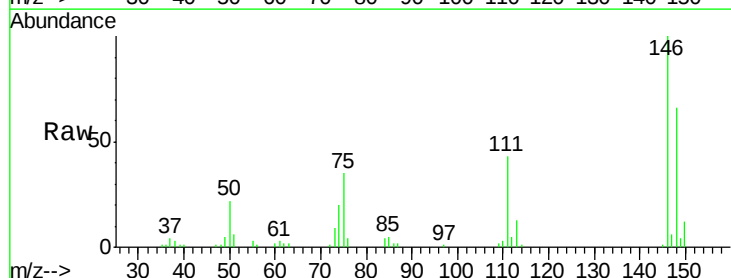


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

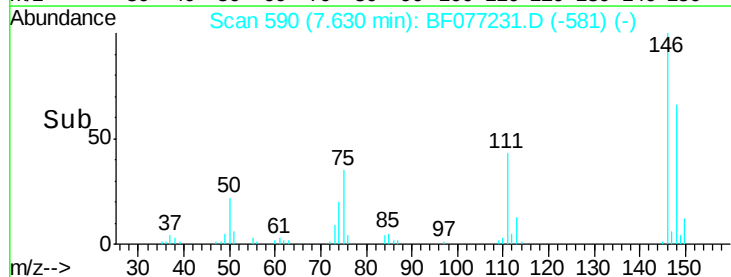
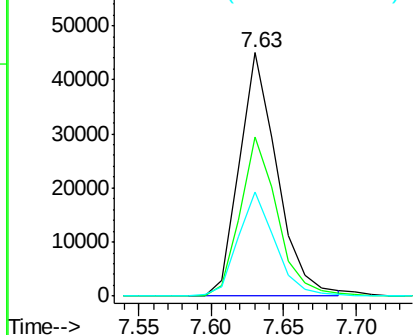


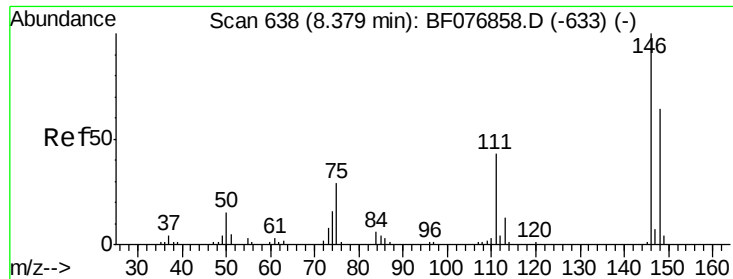
#13
 1,4-Dichlorobenzene
 Concen: 33.30 ng
 RT: 7.63 min Scan# 590
 Delta R.T. -0.00 min
 Lab File: BF077231.D
 Acq: 9 Feb 2015 18:57

Tgt Ion:146 Resp: 81047
 Ion Ratio Lower Upper
 146 100
 148 65.6 51.5 77.3
 111 42.9 33.9 50.9



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

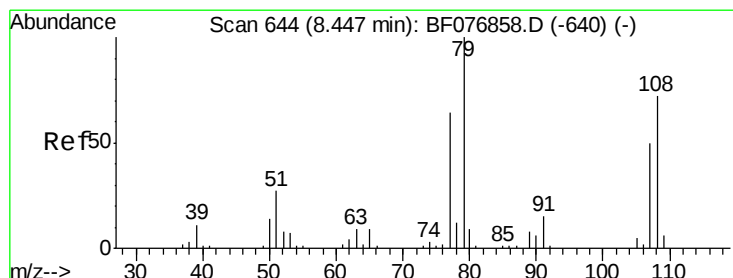
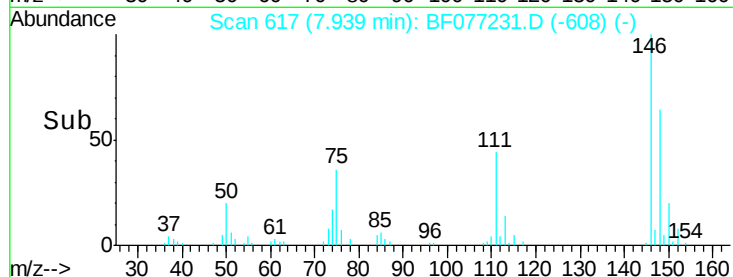
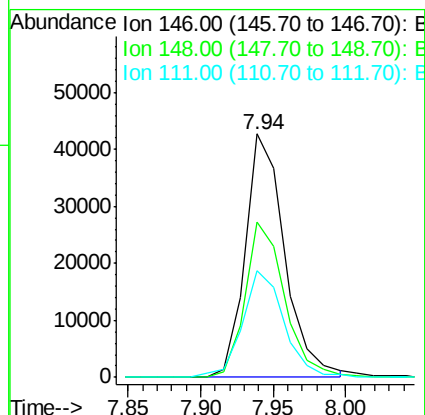
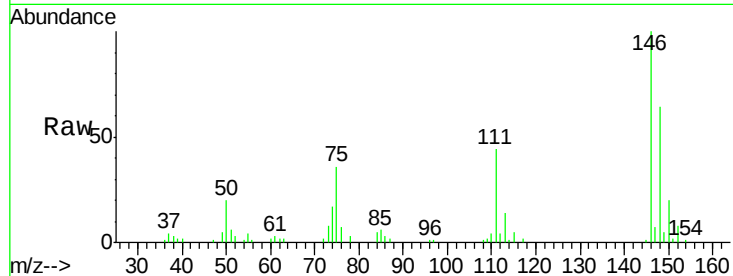




#14
 1,2-Dichlorobenzene
 Concen: 35.89 ng
 RT: 7.94 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF077231.D
 Acq: 9 Feb 2015 18:57

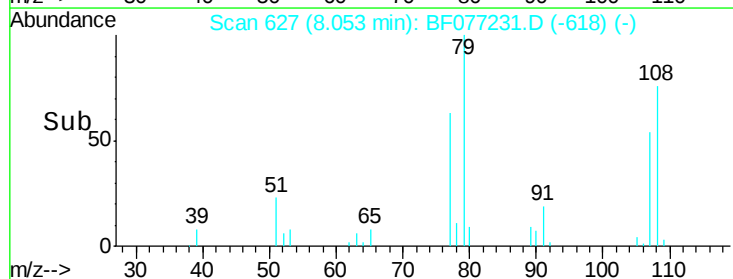
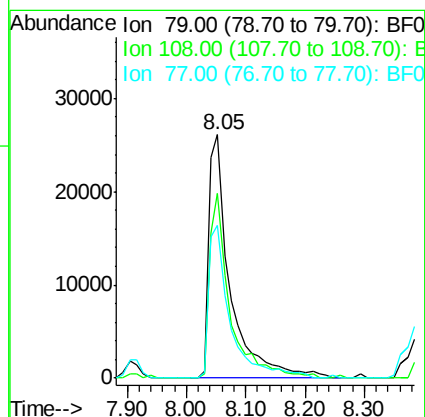
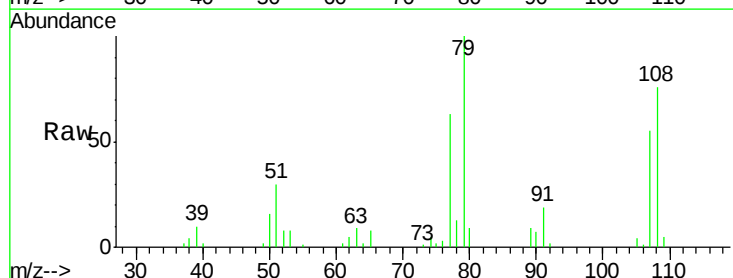
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 80492
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.3 76.9
 111 43.9 34.5 51.7



#15
 Benzyl Alcohol
 Concen: 36.44 ng
 RT: 8.05 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF077231.D
 Acq: 9 Feb 2015 18:57

Tgt Ion: 79 Resp: 65096
 Ion Ratio Lower Upper
 79 100
 108 76.0 57.2 85.8
 77 62.7 51.2 76.8

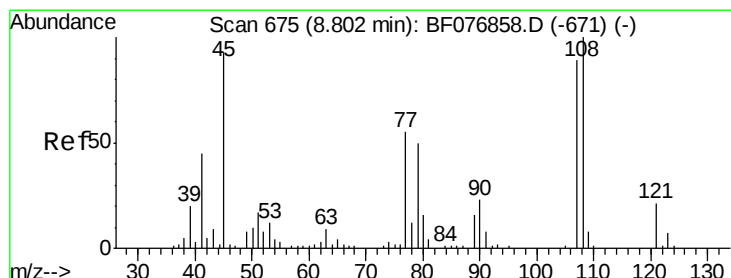
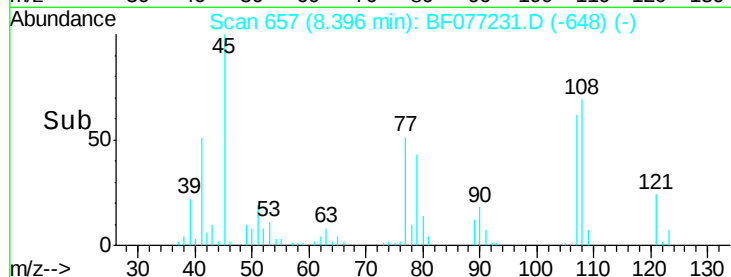
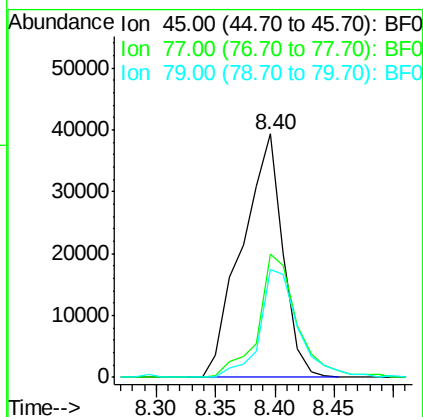
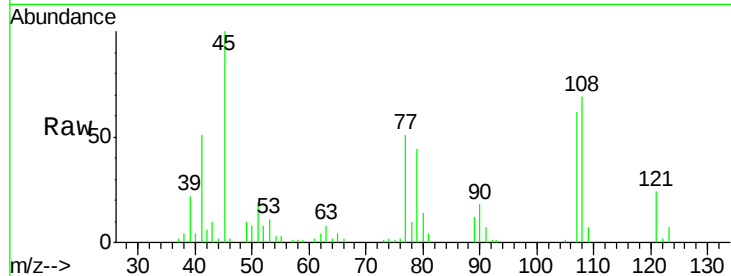




#16
 2,2'-oxvbis(1-Chloropropane)
 Concen: 38.22 ng
 RT: 8.40 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: BF077231.D
 Acq: 9 Feb 2015 18:57

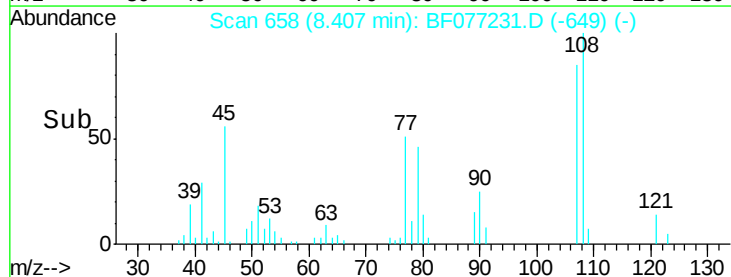
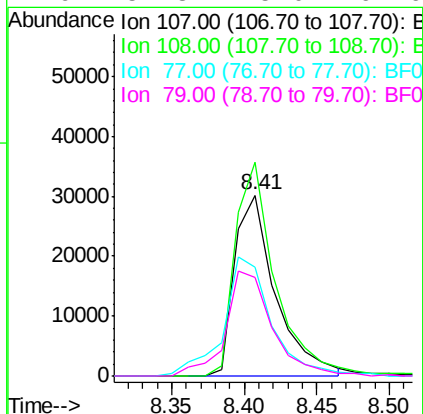
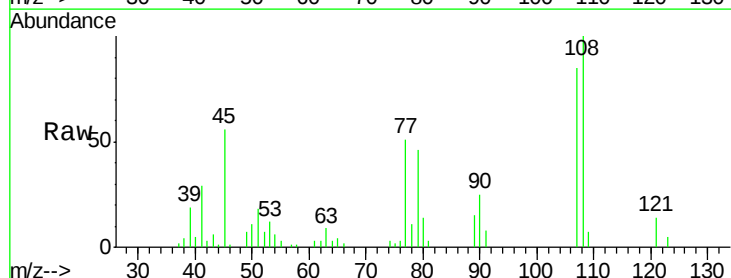
Instrument :
 BNA_F
 ClientSampleId :

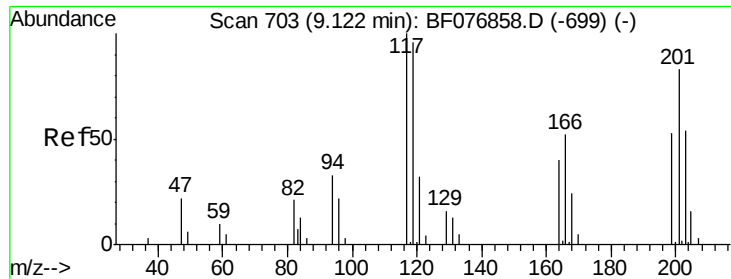
Tot Ion: 45 Resp: 94245
 Ion Ratio Lower Upper
 45 100
 77 50.5 36.1 76.1
 79 44.3 30.5 70.5



#17
 2-Methylphenol
 Concen: 35.95 ng
 RT: 8.41 min Scan# 658
 Delta R.T. -0.00 min
 Lab File: BF077231.D
 Acq: 9 Feb 2015 18:57

Tgt Ion: 107 Resp: 59268
 Ion Ratio Lower Upper
 107 100
 108 118.2 89.7 134.5
 77 59.9 50.1 75.1
 79 54.8 45.0 67.6

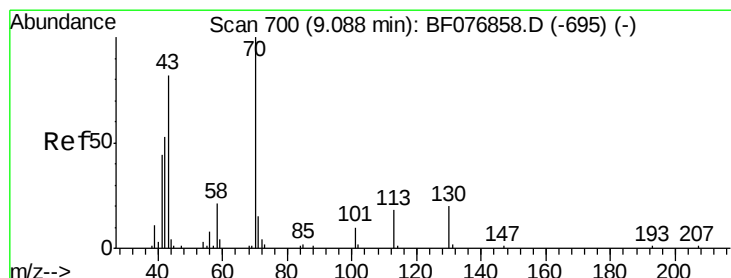
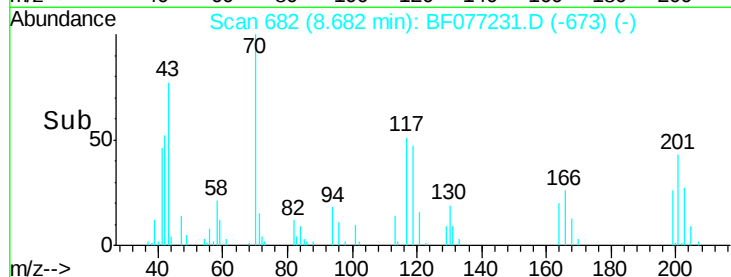
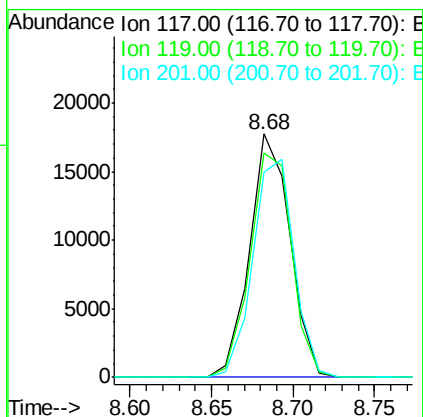
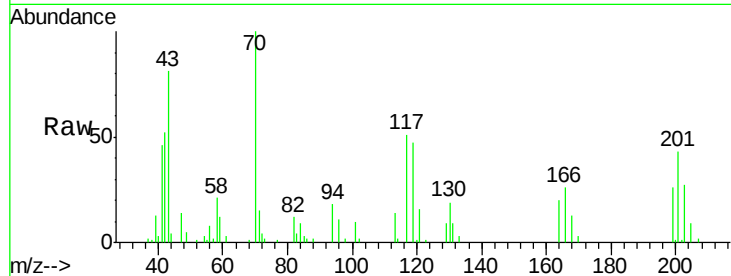




#18
Hexachloroethane
Concen: 36.11 ng
RT: 8.68 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF077231.D
Acq: 9 Feb 2015 18:57

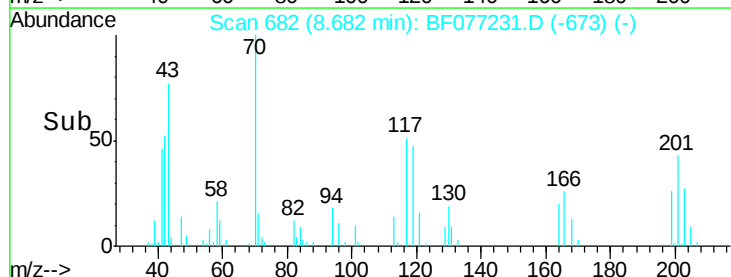
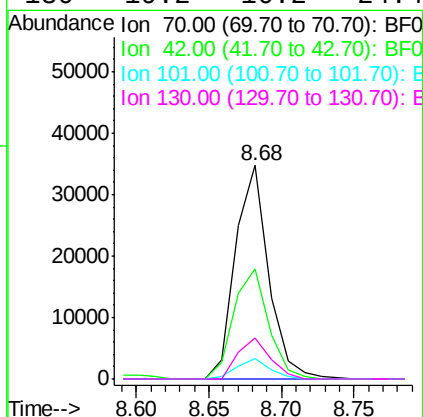
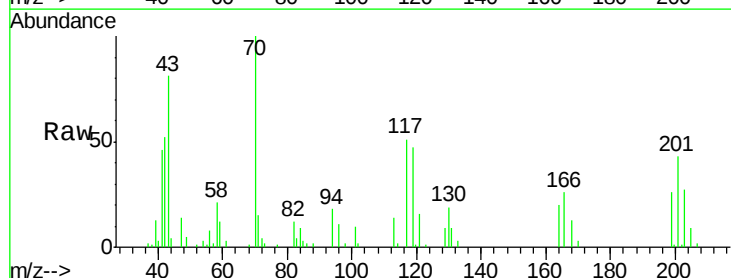
Instrument :
BNA_F
ClientSampled :

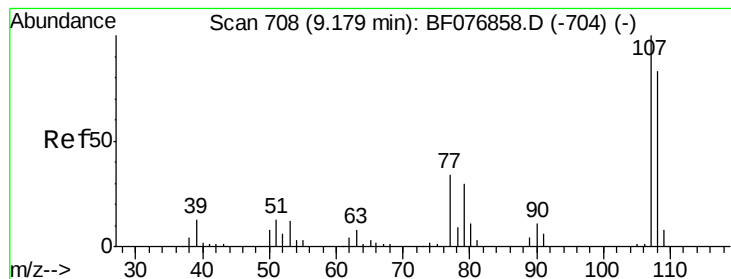
Tot Ion:117 Resp: 30572
Ion Ratio Lower Upper
117 100
119 92.3 77.1 115.7
201 84.3 66.8 100.2



#19
n-Nitroso-di-n-propylamine
Concen: 35.94 ng
RT: 8.68 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF077231.D
Acq: 9 Feb 2015 18:57

Tgt Ion: 70 Resp: 55543
Ion Ratio Lower Upper
70 100
42 51.7 42.1 63.1
101 9.6 7.8 11.8
130 19.2 16.2 24.4





#20

3+4-Methylphenols

Concen: 31.95 ng

RT: 8.80 min Scan# 692

Delta R.T. -0.00 min

Lab File: BF077231.D

Acq: 9 Feb 2015 18:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 69751

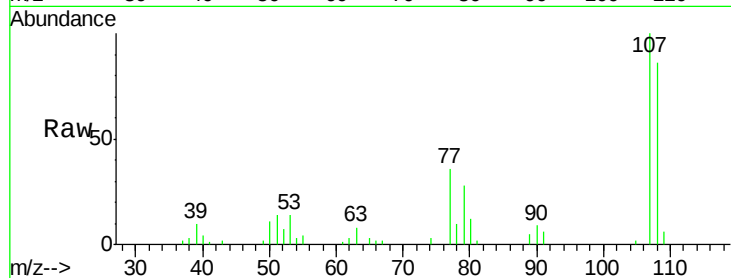
Ion Ratio Lower Upper

107 100

108 85.6 63.5 103.5

77 35.8 14.0 54.0

79 27.8 9.9 49.9

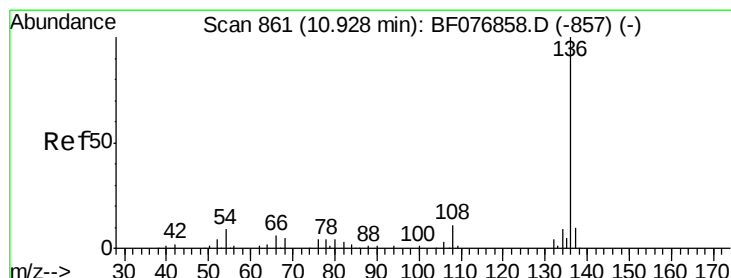
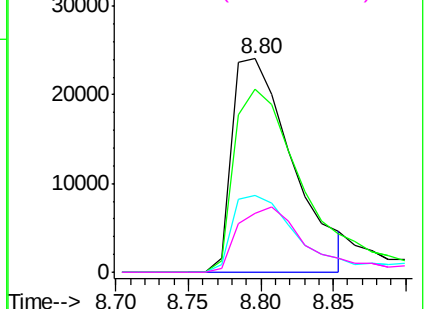
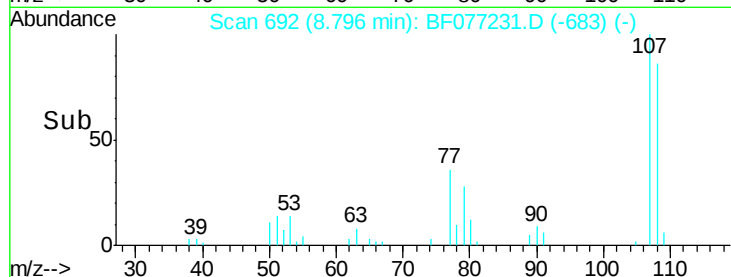


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.50 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF077231.D

Acq: 9 Feb 2015 18:57

Tgt Ion:136 Resp: 123726

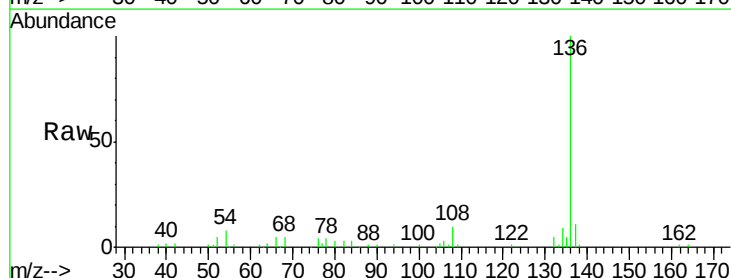
Ion Ratio Lower Upper

136 100

137 10.6 8.1 12.1

54 8.3 7.0 10.4

68 5.1 3.7 5.5

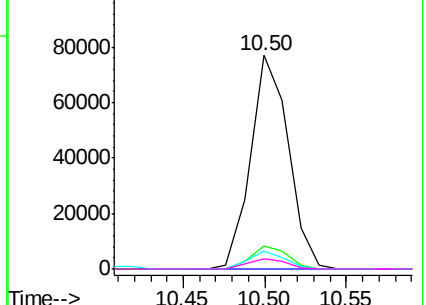
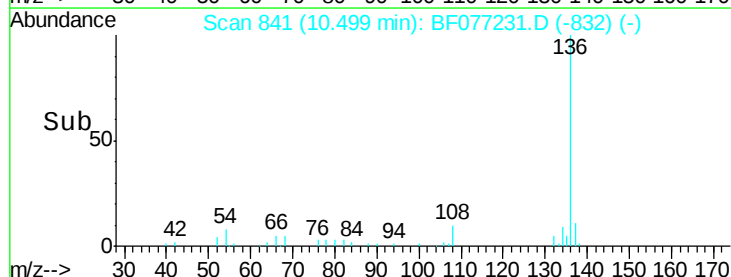


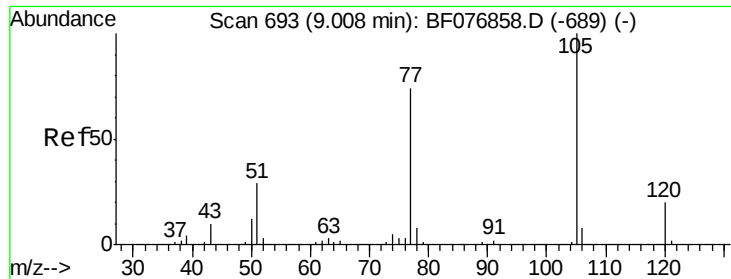
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 37.36 ng

RT: 8.60 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF077231.D

Acq: 9 Feb 2015 18:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:105 Resp: 113229

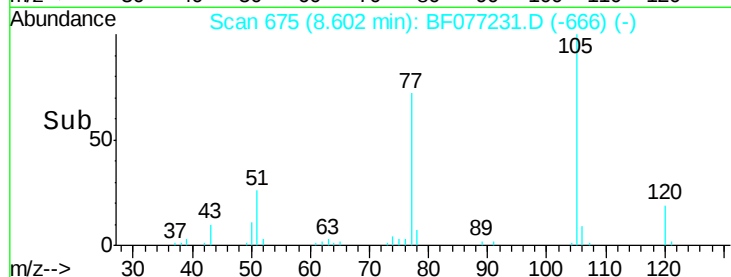
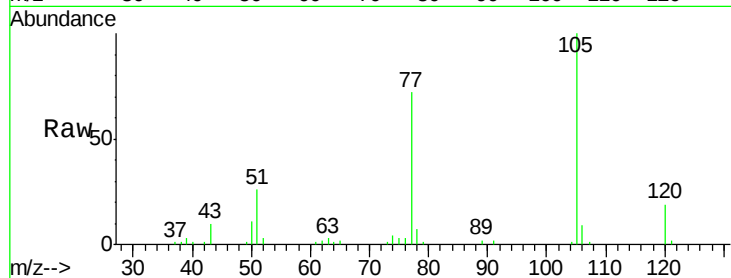
Ion Ratio Lower Upper

105 100

71 0.0 0.0 0.0

51 25.7 23.3 34.9

120 18.7 16.1 24.1

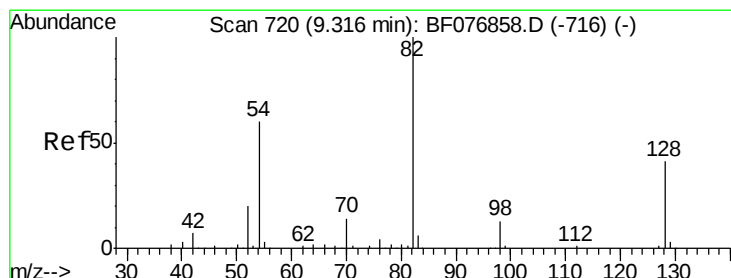
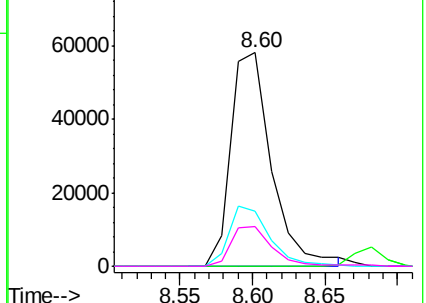


Abundance Ion 105.00 (104.70 to 105.70): E

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: 74.64 ng

RT: 8.90 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF077231.D

Acq: 9 Feb 2015 18:57

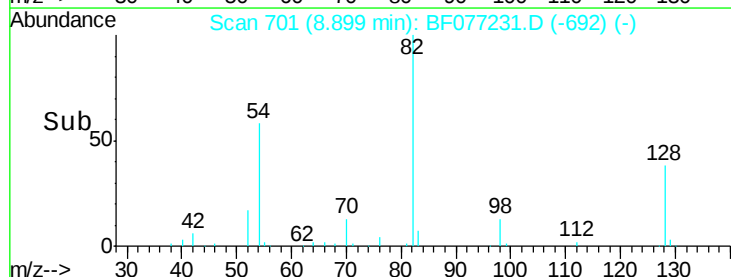
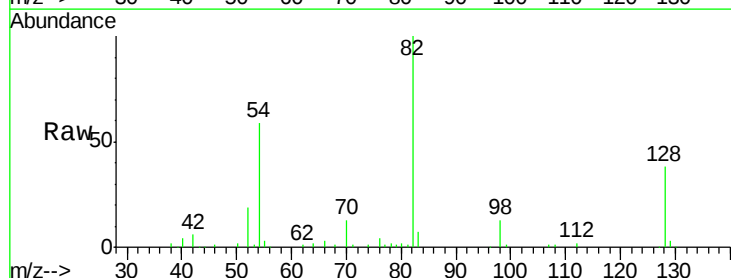
Tgt Ion: 82 Resp: 166696

Ion Ratio Lower Upper

82 100

128 37.6 33.1 49.7

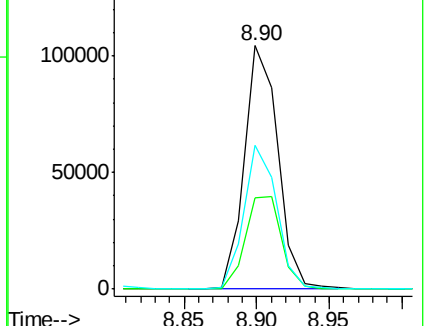
54 58.9 48.3 72.5

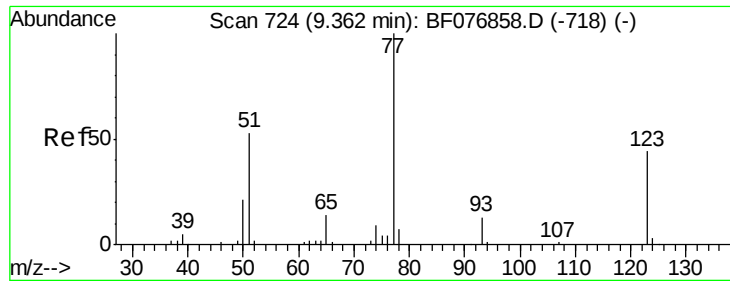


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 34.00 ng

RT: 8.94 min Scan# 705

Delta R.T. -0.00 min

Lab File: BF077231.D

Acq: 9 Feb 2015 18:57

Instrument :

BNA_F

ClientSampleId :

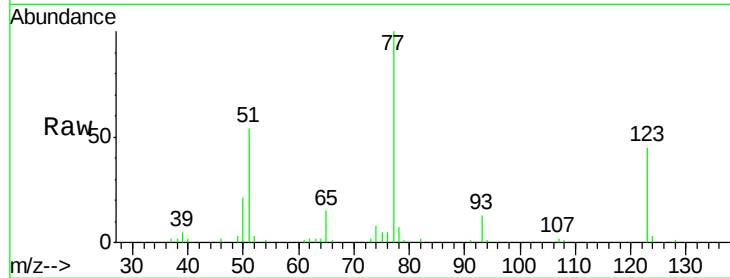
Tot Ion: 77 Resp: 77355

Ion Ratio Lower Upper

77 100

123 44.7 35.2 52.8

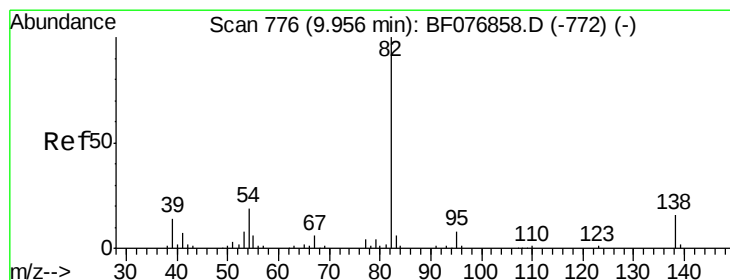
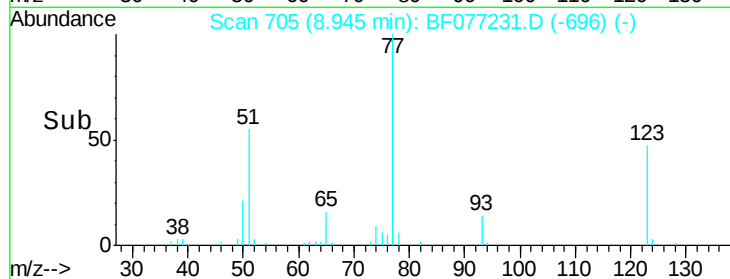
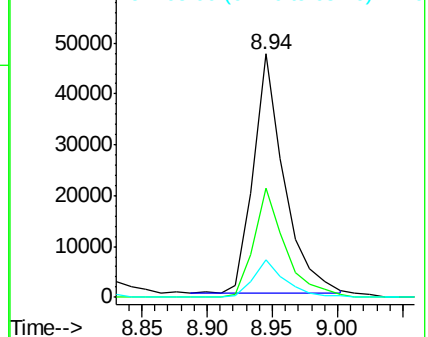
65 15.2 11.4 17.2



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: 36.99 ng

RT: 9.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF077231.D

Acq: 9 Feb 2015 18:57

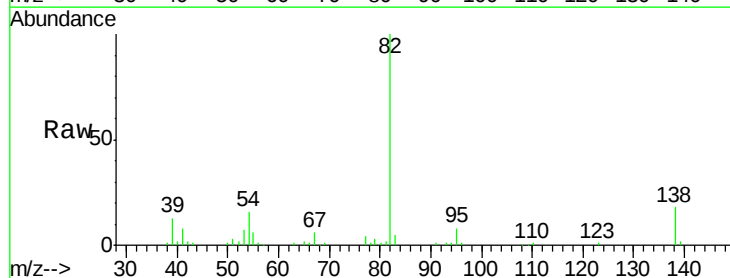
Tgt Ion: 82 Resp: 150442

Ion Ratio Lower Upper

82 100

95 8.0 6.6 10.0

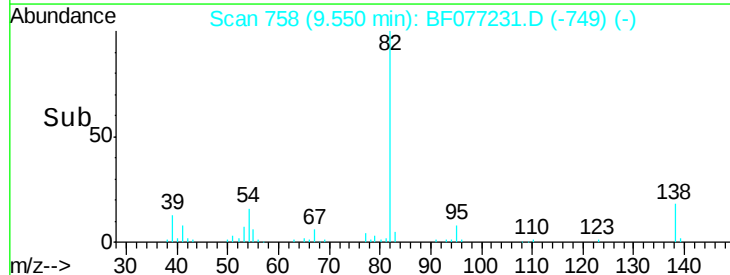
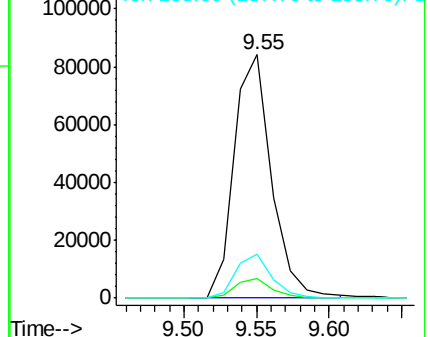
138 18.1 12.6 18.8



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

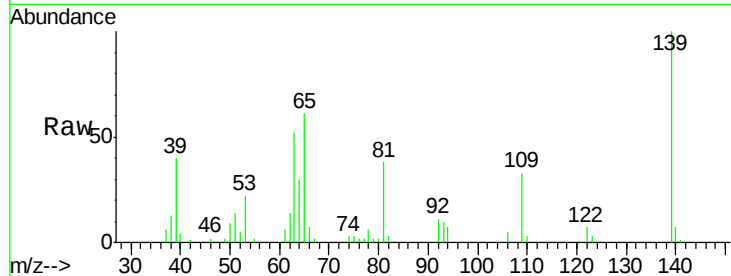




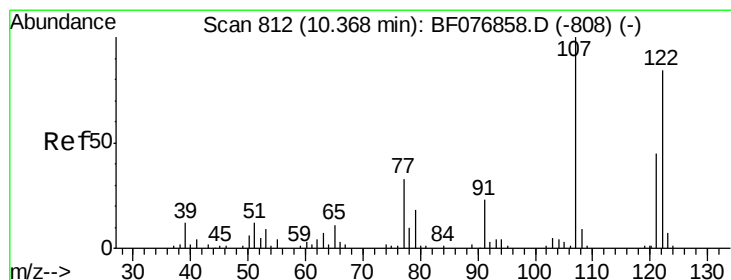
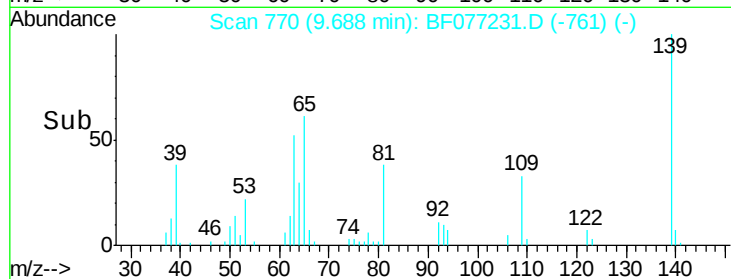
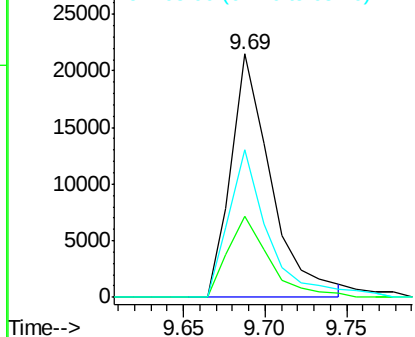
#26
 2-Nitrophenol
 Concen: 32.16 ng
 RT: 9.69 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF077231.D
 Acq: 9 Feb 2015 18:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ion	Ratio	Resp	Lower	Upper
139	100		36764		
109	33.1	21.3	31.9#		
65	60.8	39.4	59.0#		

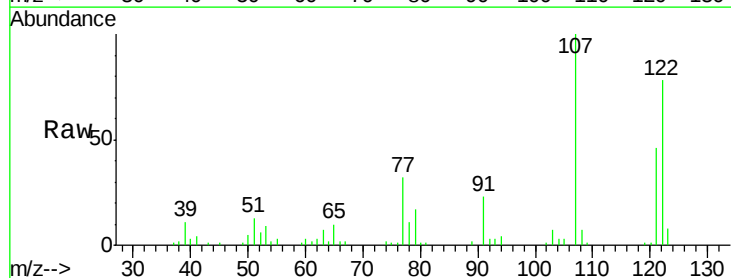


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): E

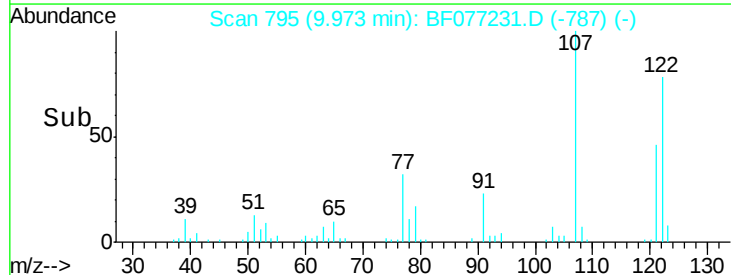
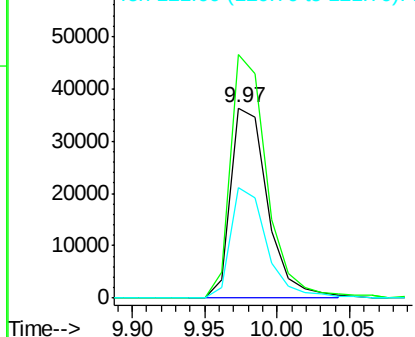


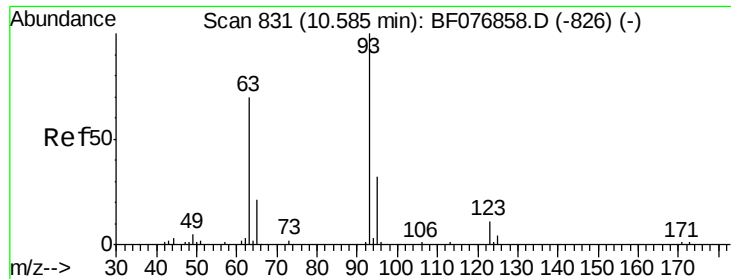
#27
 2,4-Dimethylphenol
 Concen: 36.83 ng
 RT: 9.97 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF077231.D
 Acq: 9 Feb 2015 18:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
122	100		64802		
107	128.1	95.2	142.8		
121	58.3	42.9	64.3		



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

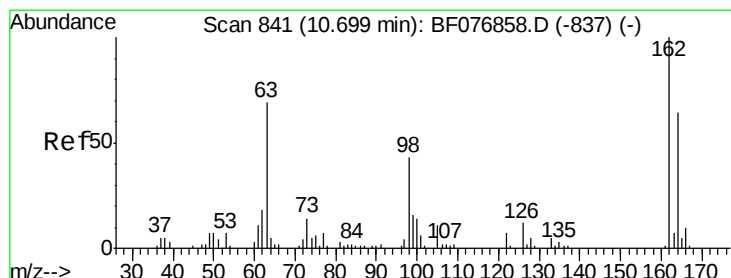
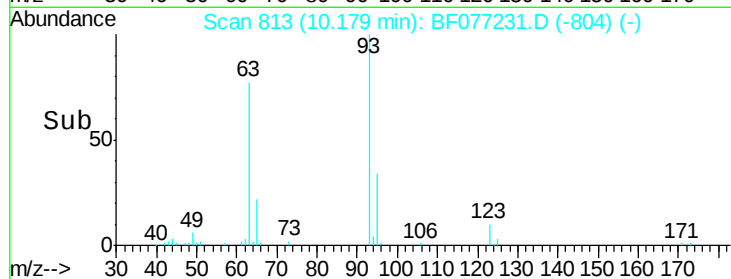
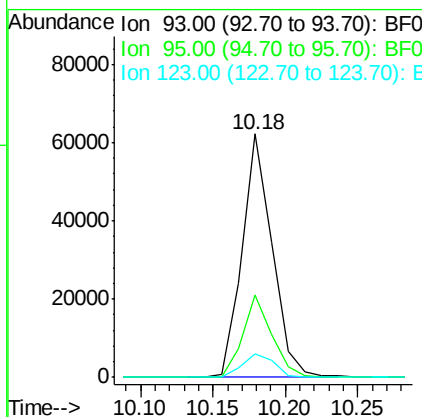
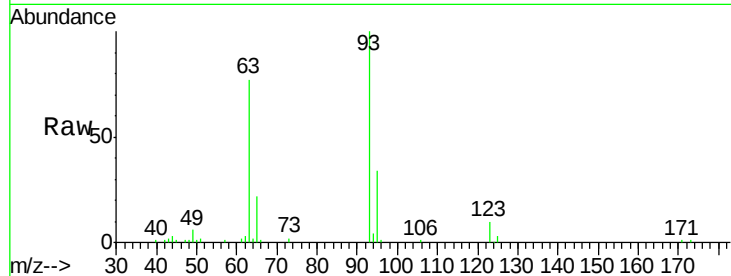




#28
bis(2-Chloroethoxy)methane
Concen: 38.72 ng
RT: 10.18 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF077231.D
Acq: 9 Feb 2015 18:57

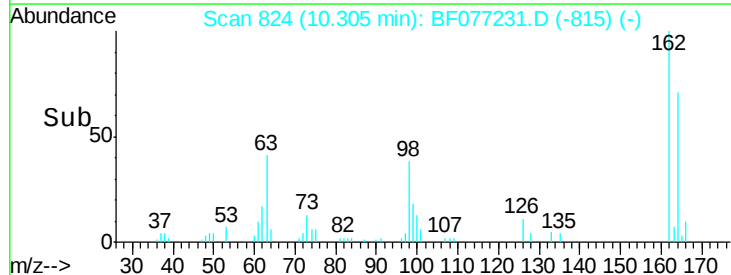
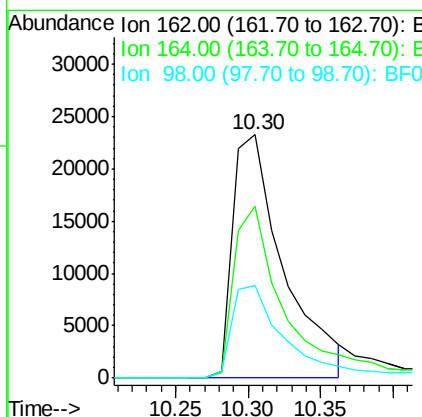
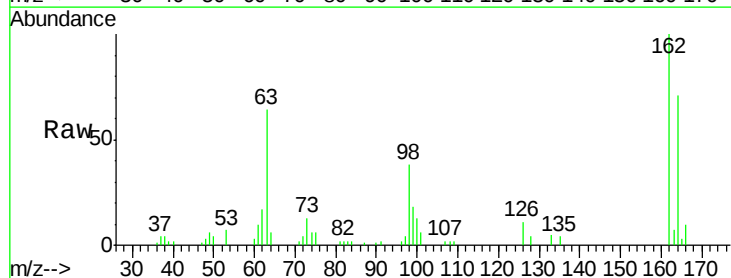
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 89500
Ion Ratio Lower Upper
93 100
95 33.8 25.6 38.4
123 9.7 8.9 13.3



#29
2,4-Dichlorophenol
Concen: 34.55 ng
RT: 10.30 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF077231.D
Acq: 9 Feb 2015 18:57

Tgt Ion: 162 Resp: 56658
Ion Ratio Lower Upper
162 100
164 70.8 43.8 83.8
98 37.9 22.5 62.5

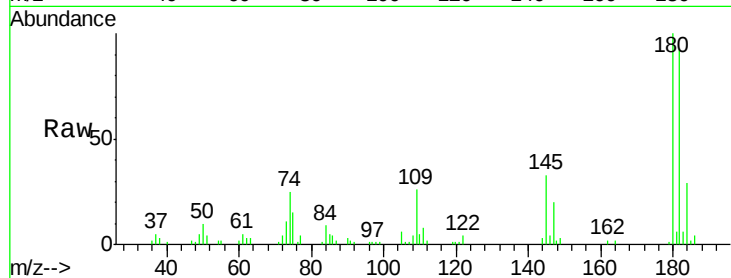




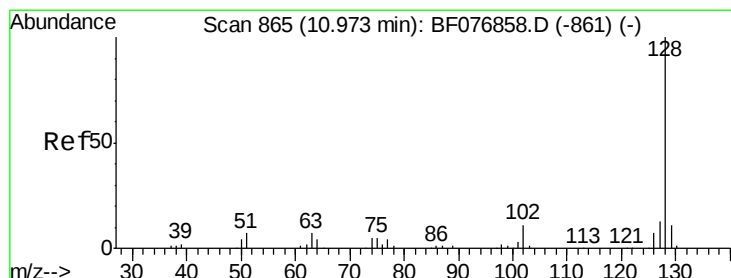
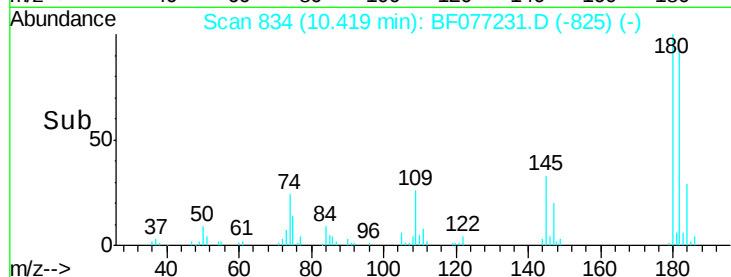
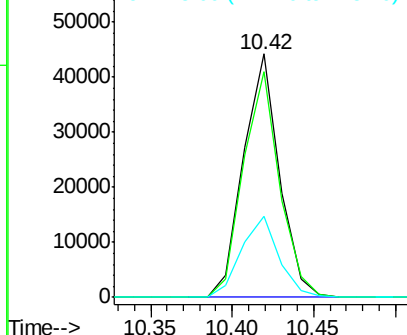
#30
 1,2,4-Trichlorobenzene
 Concen: 37.01 ng
 RT: 10.42 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BF077231.D
 Acq: 9 Feb 2015 18:57

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:180 Resp: 67404
 Ion Ratio Lower Upper
 180 100
 182 92.6 73.6 110.4
 145 33.3 26.6 39.8

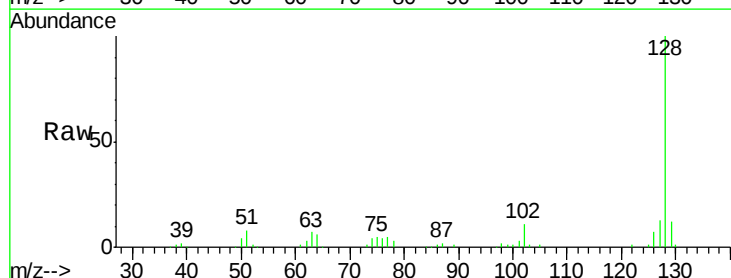


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

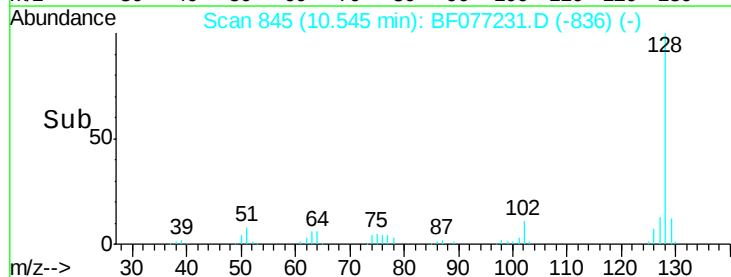
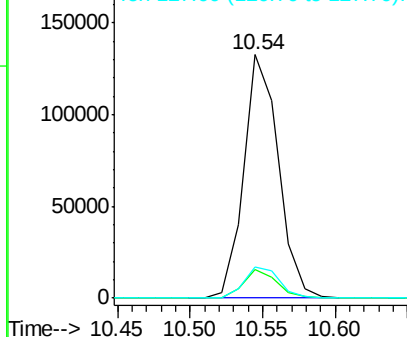


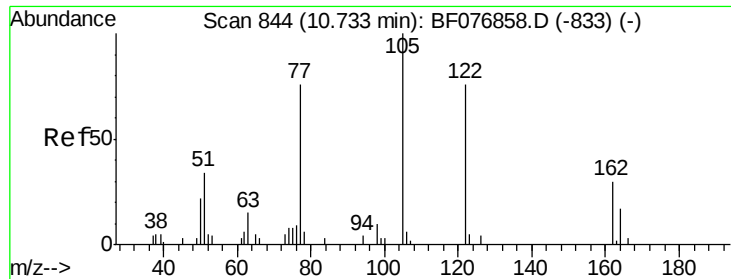
#31
 Naphthalene
 Concen: 34.43 ng
 RT: 10.54 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: BF077231.D
 Acq: 9 Feb 2015 18:57

Tgt Ion:128 Resp: 219290
 Ion Ratio Lower Upper
 128 100
 129 11.5 9.0 13.6
 127 12.7 10.2 15.2



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

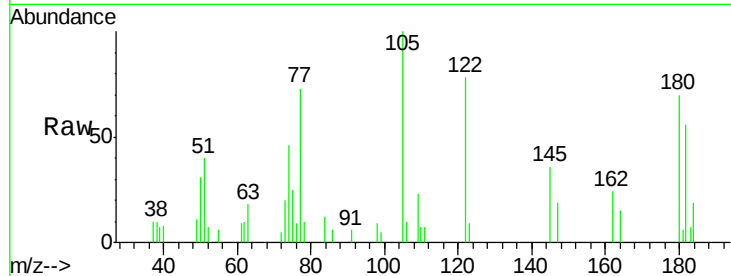




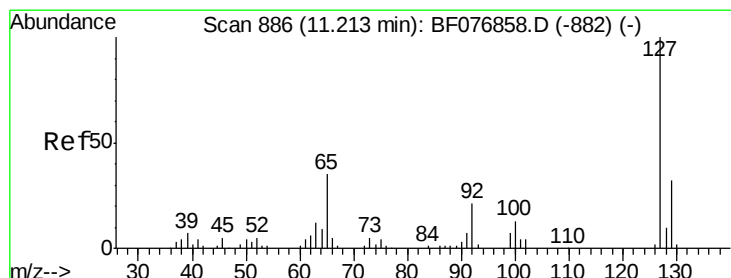
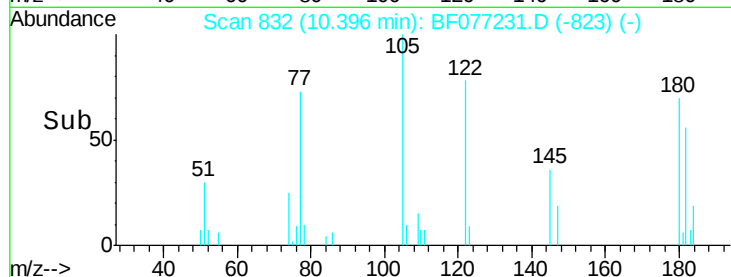
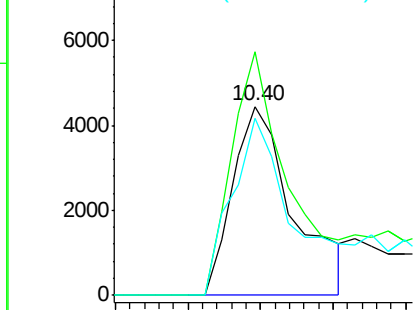
#32
Benzoic acid
Concen: 13.20 ng
RT: 10.40 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF077231.D
Acq: 9 Feb 2015 18:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 12865
Ion Ratio Lower Upper
122 100
105 128.7 111.3 151.3
77 93.8 79.2 119.2

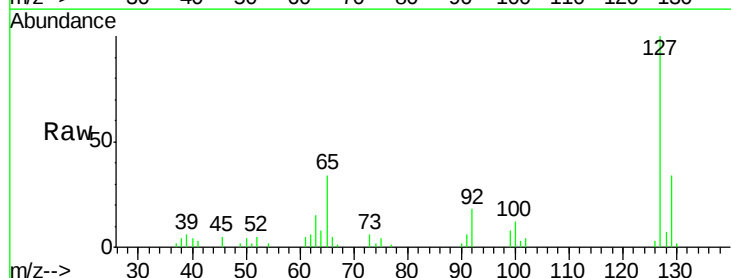


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

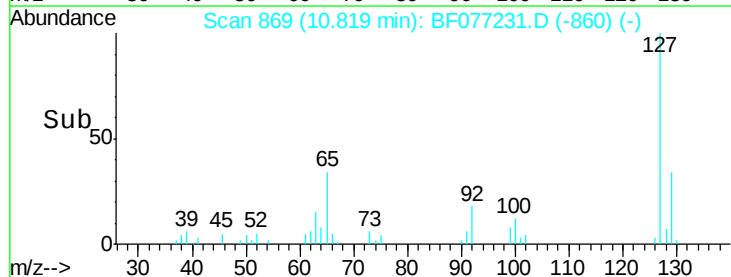
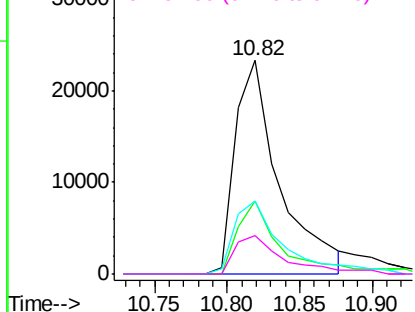


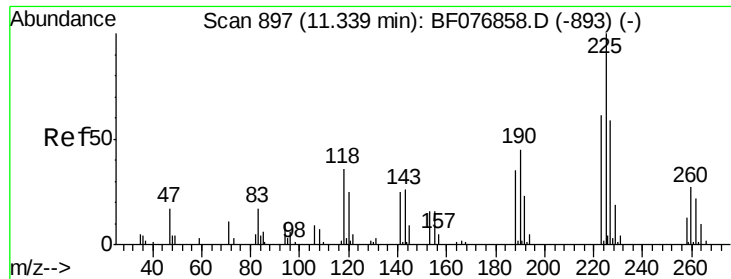
#33
4-Chloroaniline
Concen: 19.14 ng
RT: 10.82 min Scan# 869
Delta R.T. -0.00 min
Lab File: BF077231.D
Acq: 9 Feb 2015 18:57

Tgt Ion:127 Resp: 49266
Ion Ratio Lower Upper
127 100
129 34.2 25.3 37.9
65 34.1 27.8 41.6
92 18.0 16.5 24.7



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

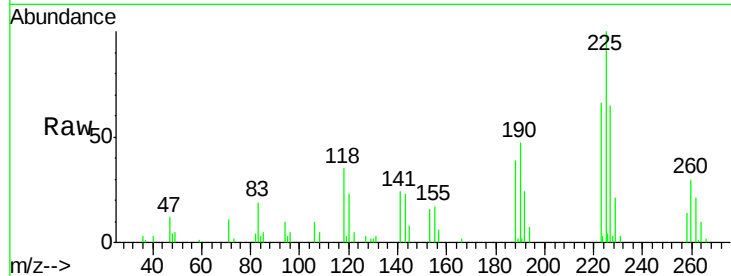




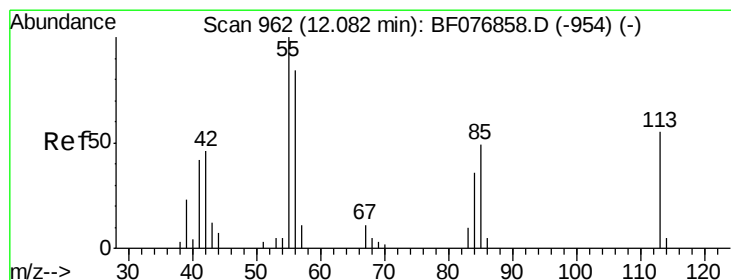
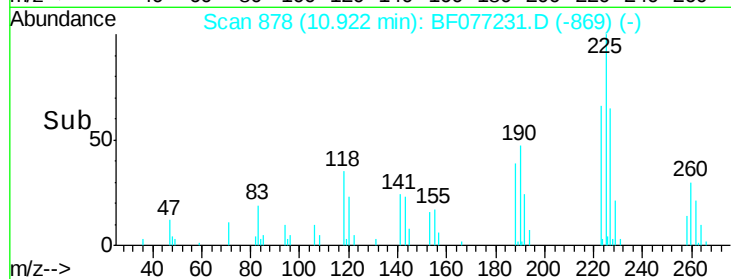
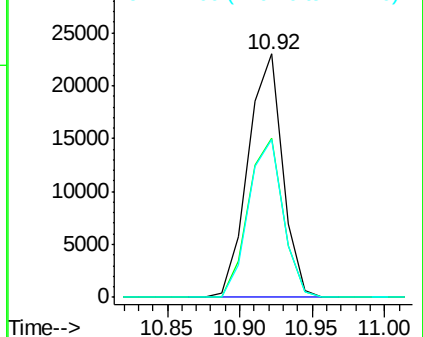
#34
Hexachlorobutadiene
Concen: 35.11 ng
RT: 10.92 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF077231.D
Acq: 9 Feb 2015 18:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:225 Resp: 37941
Ion Ratio Lower Upper
225 100
223 65.5 49.1 73.7
227 64.9 47.5 71.3

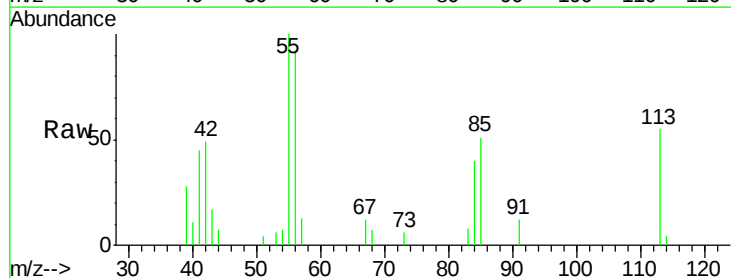


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

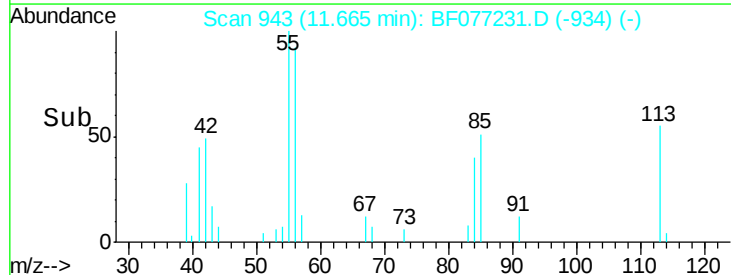
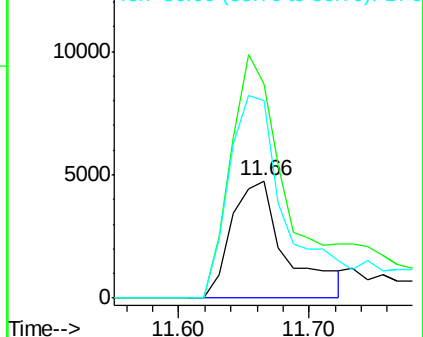


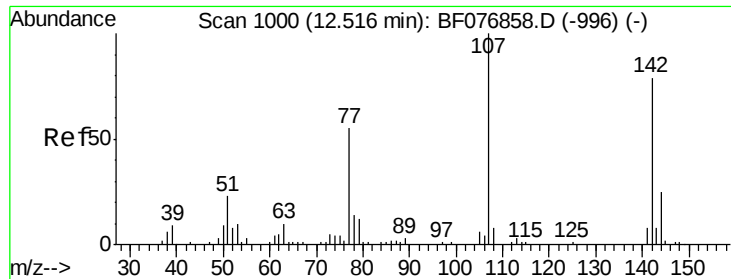
#35
Caprolactam
Concen: 28.81 ng
RT: 11.66 min Scan# 943
Delta R.T. -0.00 min
Lab File: BF077231.D
Acq: 9 Feb 2015 18:57

Tgt Ion:113 Resp: 13909
Ion Ratio Lower Upper
113 100
55 182.6 162.1 202.1
56 167.8 133.7 173.7



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

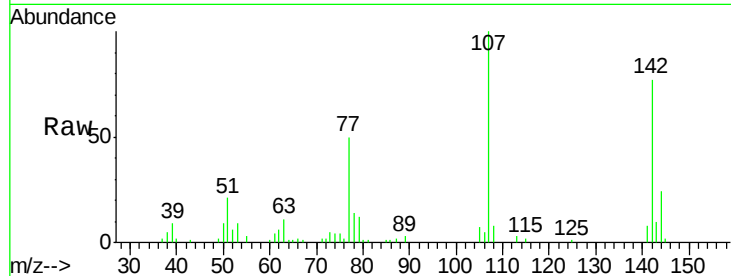




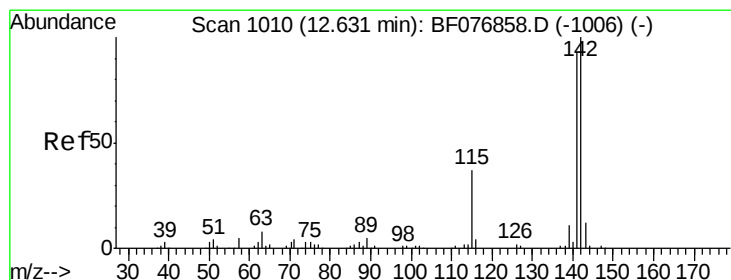
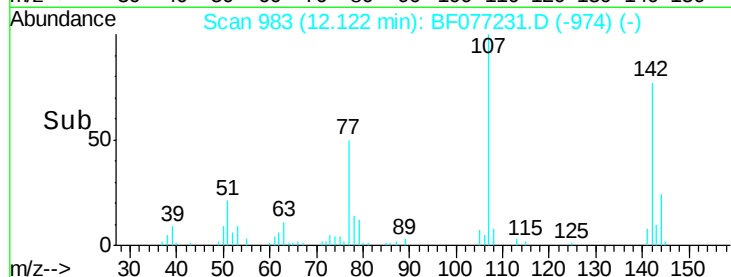
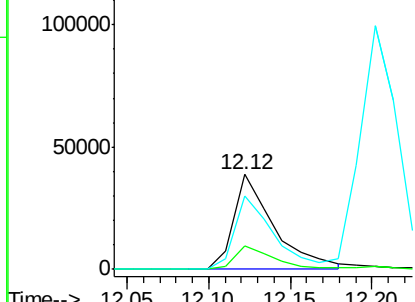
#36
 4-Chloro-3-methylphenol
 Concen: 35.03 ng
 RT: 12.12 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: BF077231.D
 Acq: 9 Feb 2015 18:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:107 Resp: 65768
 Ion Ratio Lower Upper
 107 100
 144 24.1 20.0 30.0
 142 77.1 63.5 95.3

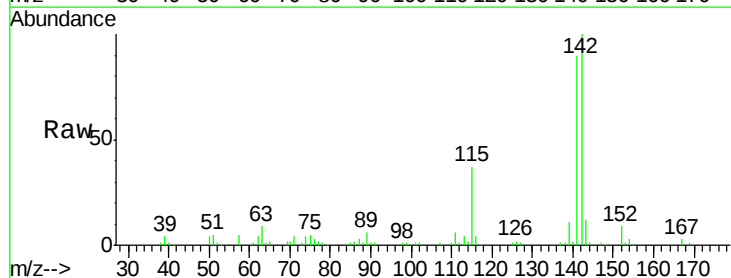


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

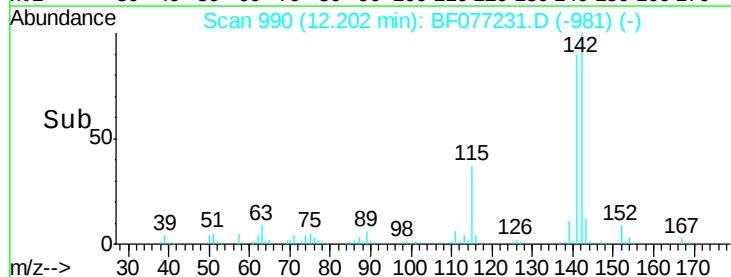
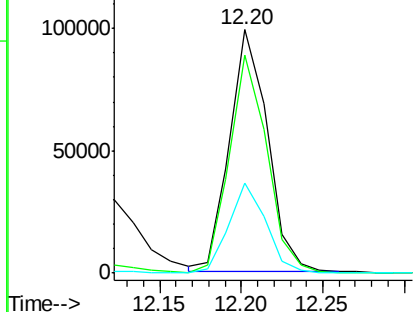


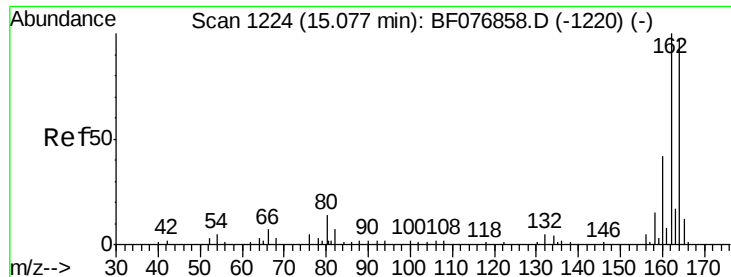
#37
 2-Methylnaphthalene
 Concen: 36.78 ng
 RT: 12.20 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: BF077231.D
 Acq: 9 Feb 2015 18:57

Tgt Ion:142 Resp: 159982
 Ion Ratio Lower Upper
 142 100
 141 89.6 74.5 111.7
 115 36.9 29.7 44.5



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.63 min Scan# 1202

Delta R.T. 0.01 min

Lab File: BF077231.D

Acq: 9 Feb 2015 18:57

Instrument :

BNA_F

ClientSampled :

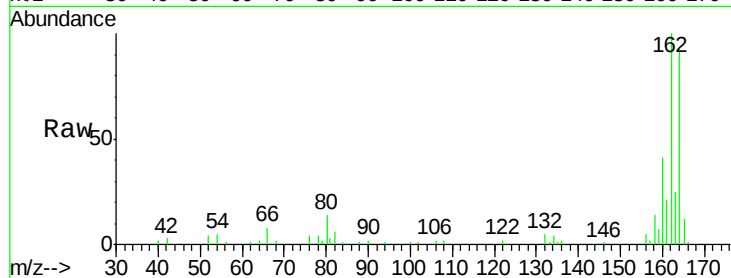
Tot Ion:164 Resp: 62686

Ion Ratio Lower Upper

164 100

162 107.1 82.4 123.6

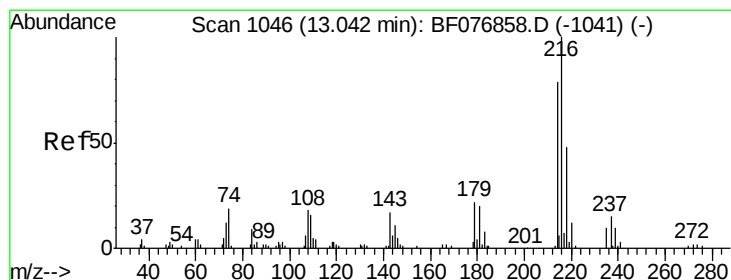
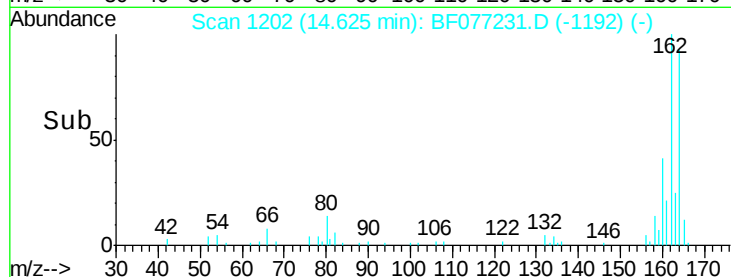
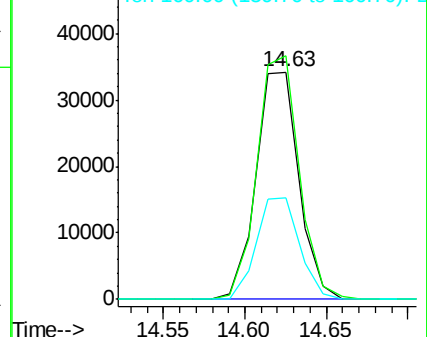
160 44.4 34.8 52.2



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: 40.02 ng

RT: 12.60 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF077231.D

Acq: 9 Feb 2015 18:57

Tgt Ion:216 Resp: 62022

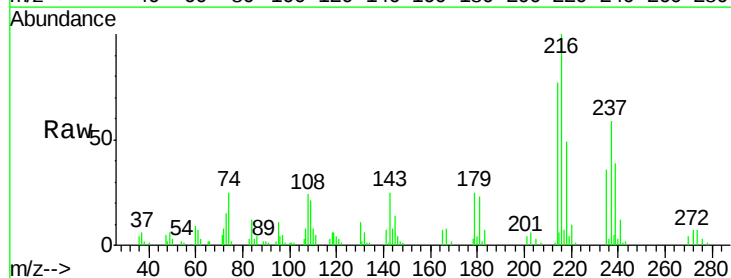
Ion Ratio Lower Upper

216 100

214 79.2 64.9 97.3

179 23.4 18.6 28.0

108 25.1 18.1 27.1

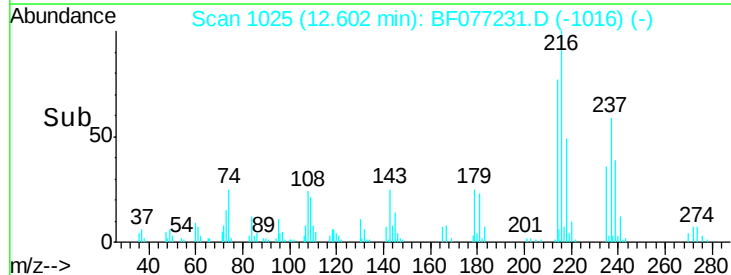
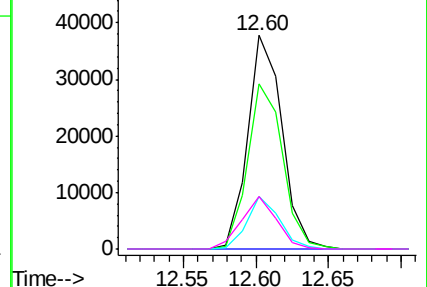


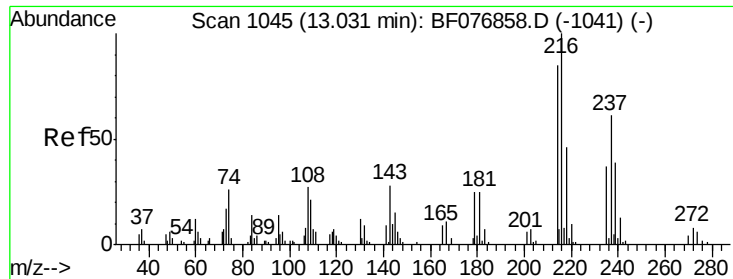
Abundance Ion 216.00 (215.70 to 216.70): E

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

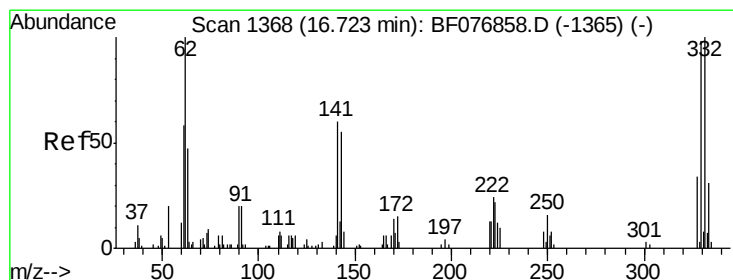
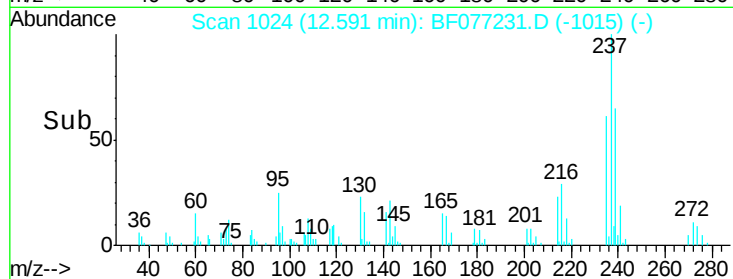
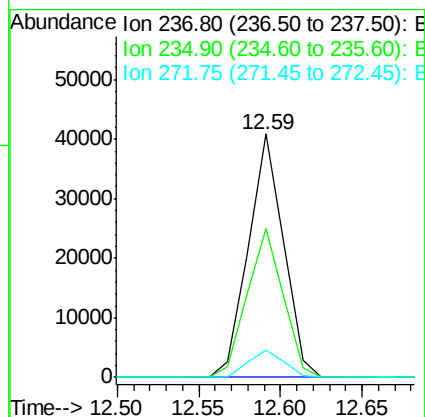
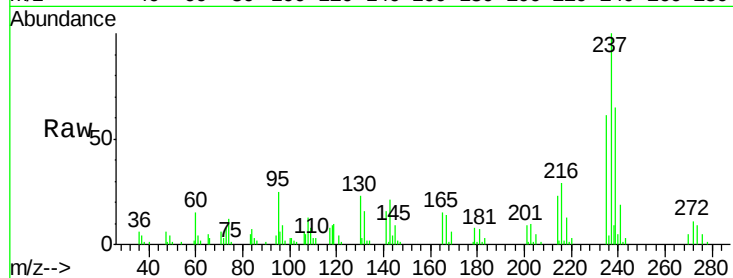




#40
Hexachlorocyclopentadiene
Concen: 73.59 ng
RT: 12.59 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF077231.D
Acq: 9 Feb 2015 18:57

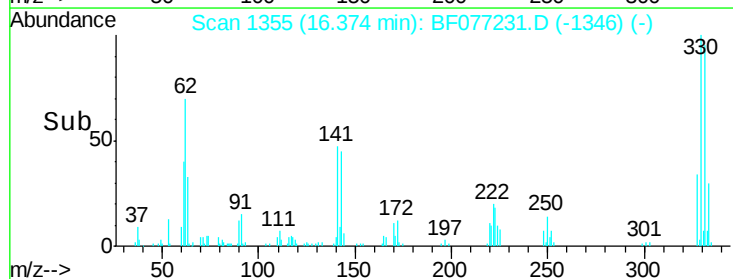
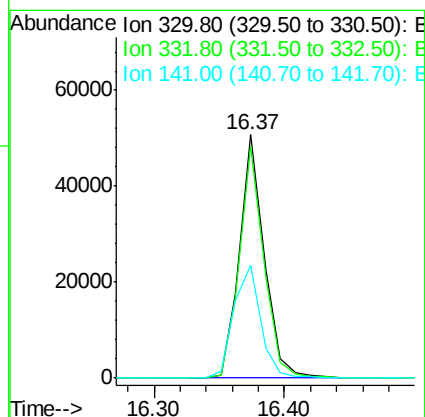
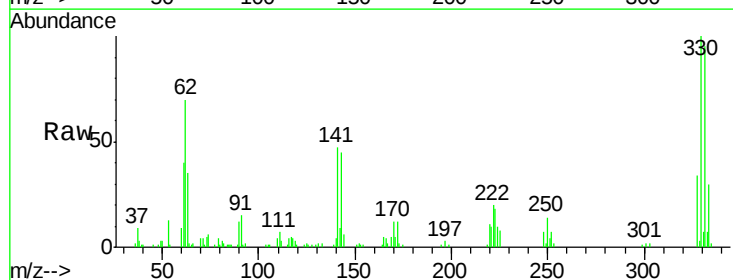
Instrument :
BNA_F
ClientSampleId :

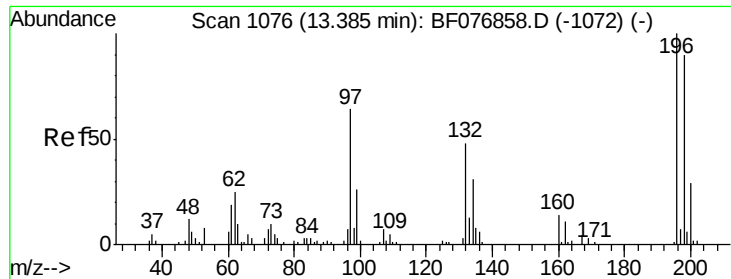
Tot Ion:237 Resp: 61076
Ion Ratio Lower Upper
237 100
235 60.9 40.4 80.4
272 11.1 0.0 33.2



#41
2,4,6-Tribromophenol
Concen: 130.99 ng
RT: 16.37 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BF077231.D
Acq: 9 Feb 2015 18:57

Tgt Ion:330 Resp: 66654
Ion Ratio Lower Upper
330 100
332 94.3 77.8 116.6
141 50.7 38.5 57.7

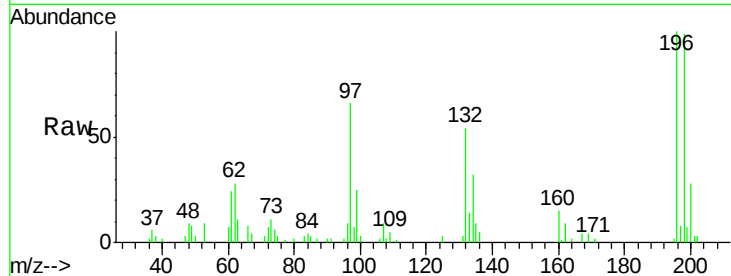




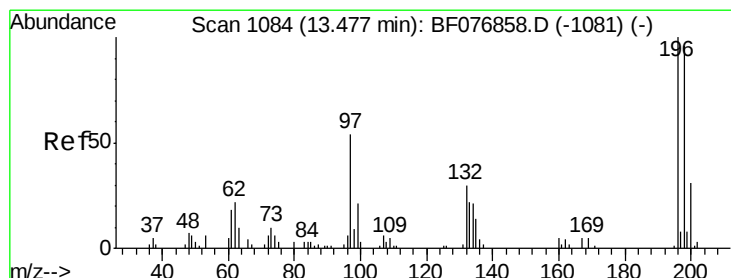
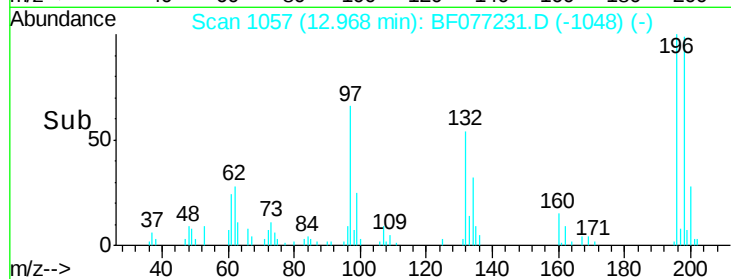
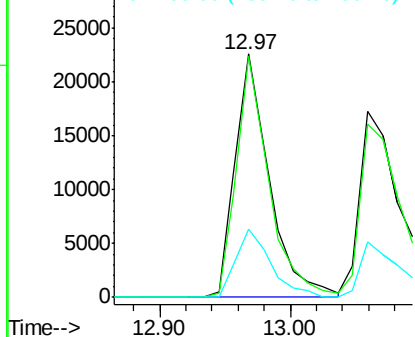
#42
2,4,6-Trichlorophenol
Concen: 36.33 ng
RT: 12.97 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF077231.D
Acq: 9 Feb 2015 18:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:196 Resp: 41025
Ion Ratio Lower Upper
196 100
198 98.9 72.0 108.0
200 28.2 23.4 35.2

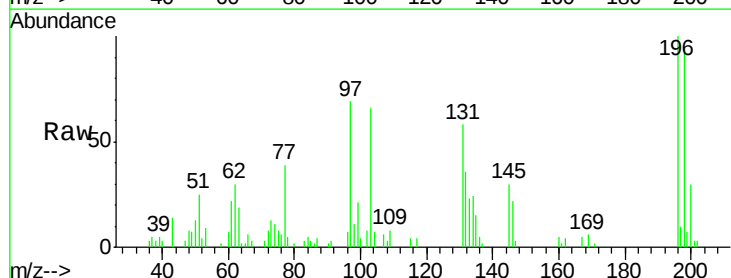


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

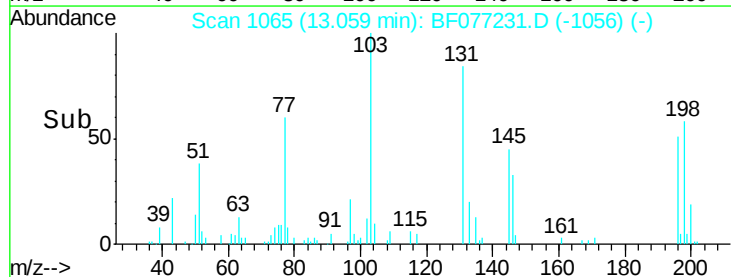
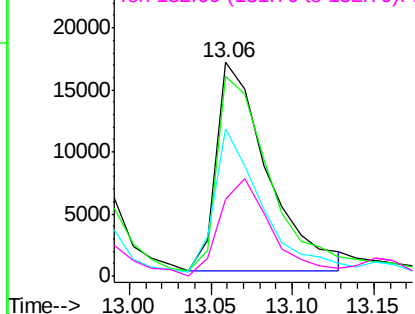


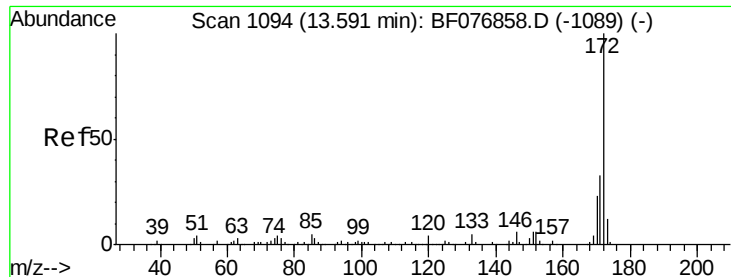
#43
2,4,5-Trichlorophenol
Concen: 32.16 ng
RT: 13.06 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BF077231.D
Acq: 9 Feb 2015 18:57

Tgt Ion:196 Resp: 37035
Ion Ratio Lower Upper
196 100
198 93.5 76.6 115.0
97 69.1 43.4 65.0#
132 36.0 23.7 35.5#



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

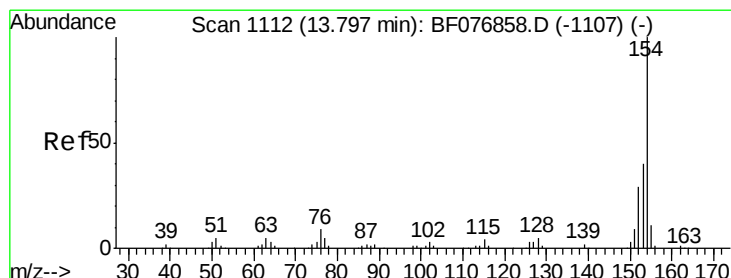
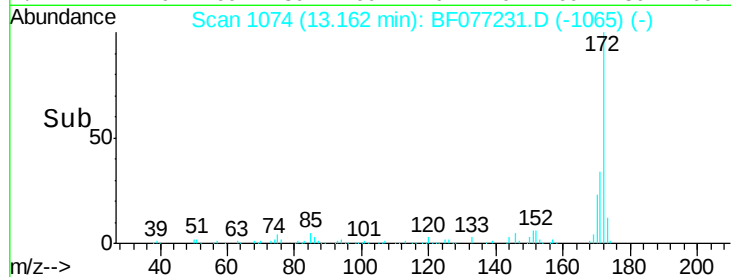
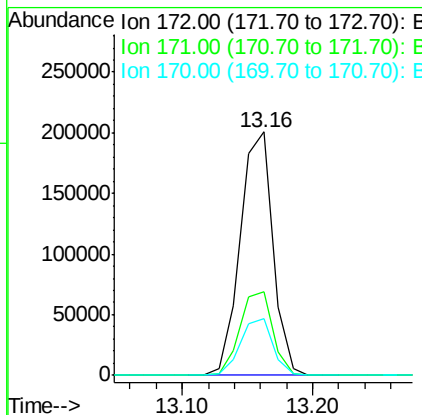
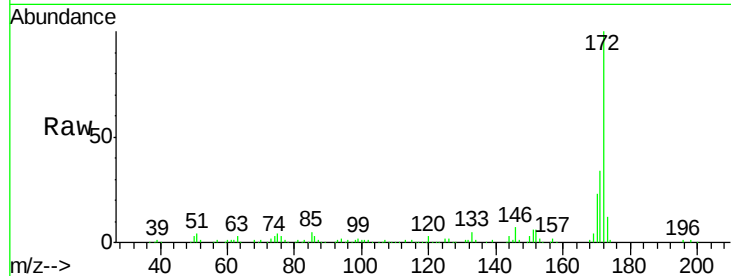




#44
 2-Fluorobiphenyl
 Concen: 84.76 ng
 RT: 13.16 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: BF077231.D
 Acq: 9 Feb 2015 18:57

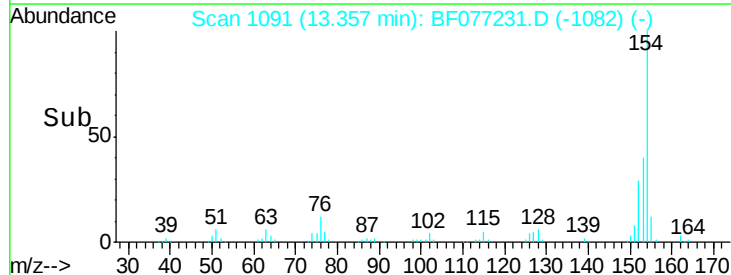
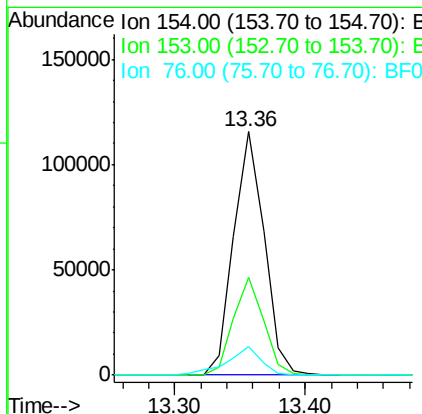
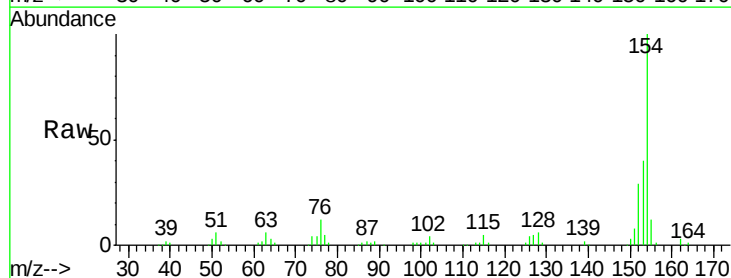
Instrument :
 BNA_F
 ClientSampleId :

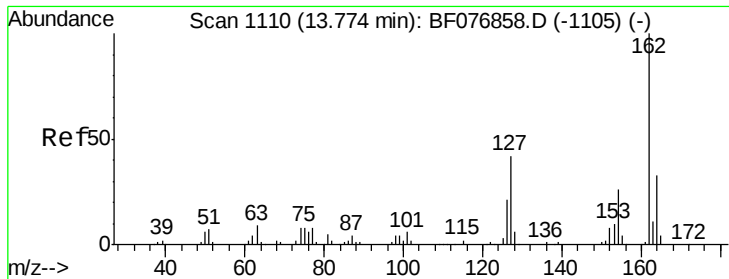
Tot Ion:172 Resp: 349139
 Ion Ratio Lower Upper
 172 100
 171 34.2 26.6 40.0
 170 23.4 18.0 27.0



#45
 1,1'-Biphenyl
 Concen: 40.63 ng
 RT: 13.36 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: BF077231.D
 Acq: 9 Feb 2015 18:57

Tgt Ion:154 Resp: 188825
 Ion Ratio Lower Upper
 154 100
 153 40.2 20.2 60.2
 76 11.8 0.0 29.0

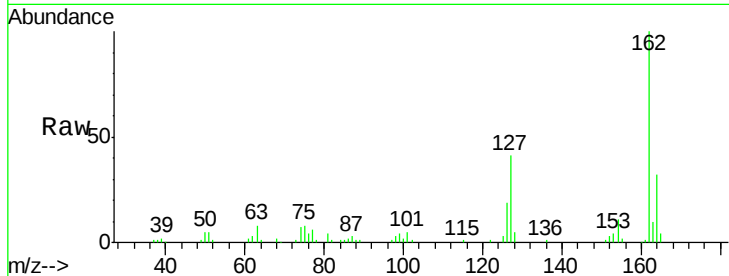




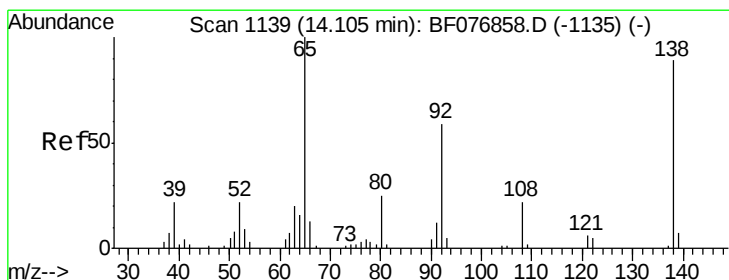
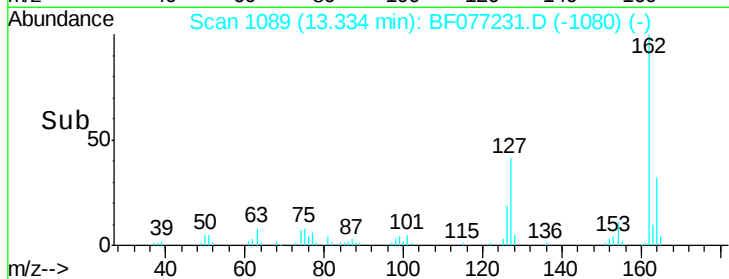
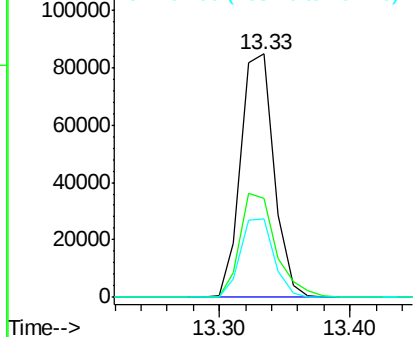
#46
 2-Chloronaphthalene
 Concen: 39.28 ng
 RT: 13.33 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: BF077231.D
 Acq: 9 Feb 2015 18:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 150217
 Ion Ratio Lower Upper
 162 100
 127 40.7 33.8 50.6
 164 32.4 26.8 40.2

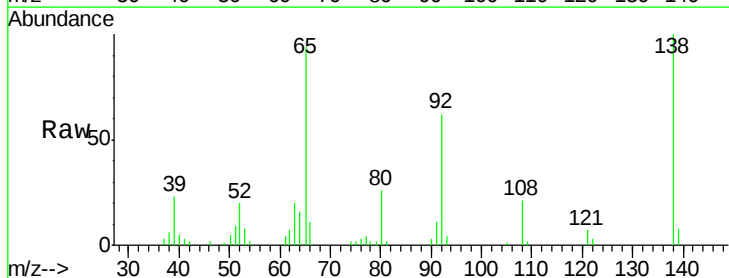


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

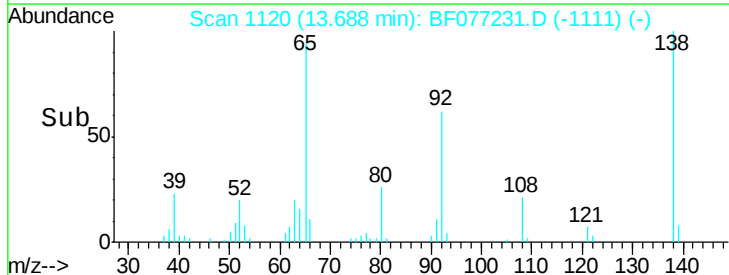
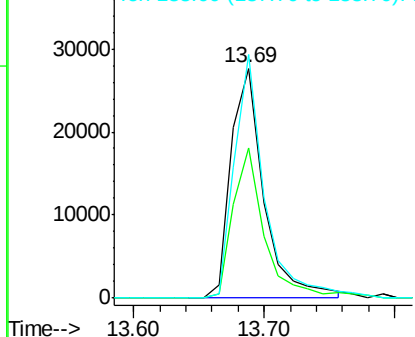


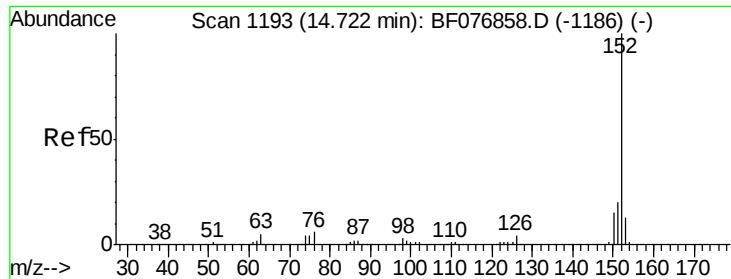
#47
 2-Nitroaniline
 Concen: 41.77 ng
 RT: 13.69 min Scan# 1120
 Delta R.T. -0.00 min
 Lab File: BF077231.D
 Acq: 9 Feb 2015 18:57

Tgt Ion: 65 Resp: 48452
 Ion Ratio Lower Upper
 65 100
 92 65.5 47.3 70.9
 138 105.8 71.4 107.2



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: 37.44 ng

RT: 14.27 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BF077231.D

Acq: 9 Feb 2015 18:57

Instrument :

BNA_F

ClientSampleId :

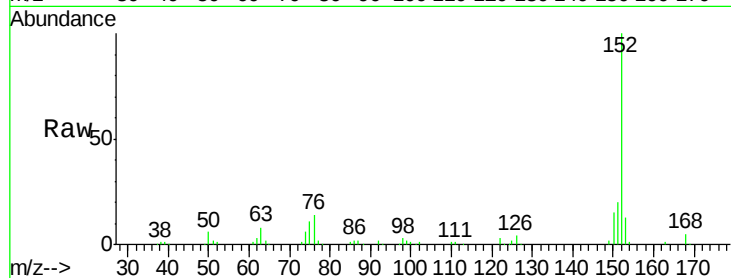
Tot Ion:152 Resp: 241475

Ion Ratio Lower Upper

152 100

151 19.7 15.9 23.9

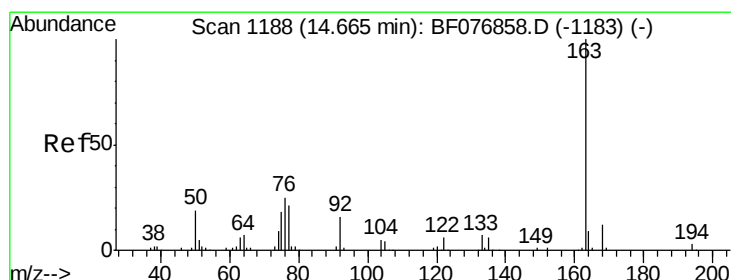
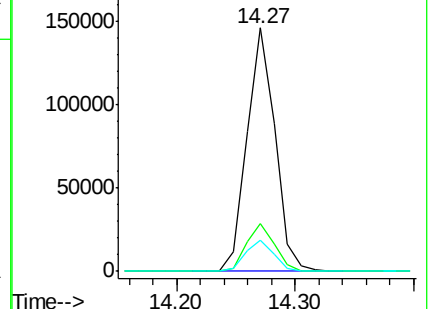
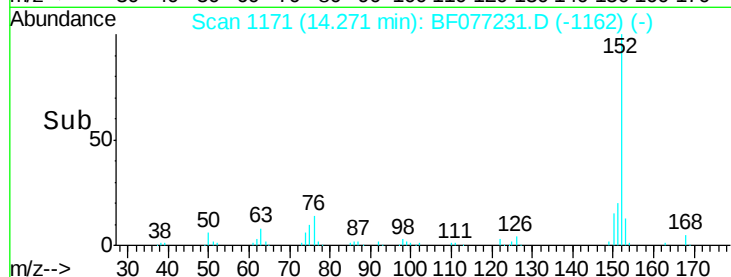
153 12.8 10.2 15.4



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: 42.52 ng

RT: 14.24 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BF077231.D

Acq: 9 Feb 2015 18:57

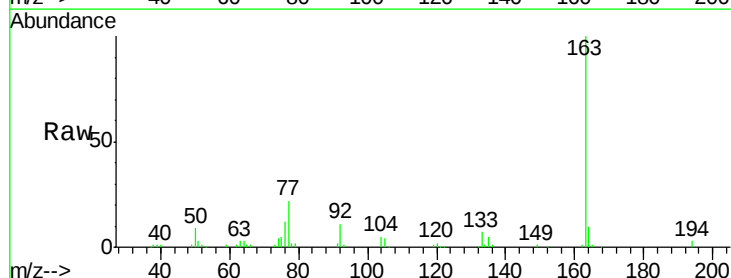
Tgt Ion:163 Resp: 189035

Ion Ratio Lower Upper

163 100

194 2.5 2.6 4.0#

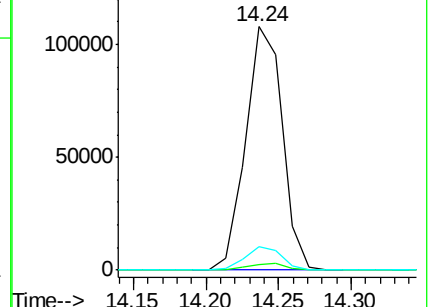
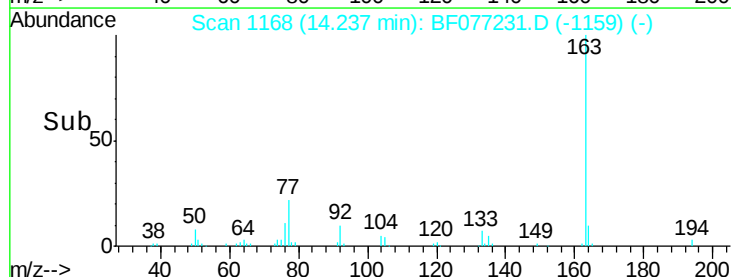
164 9.8 7.5 11.3

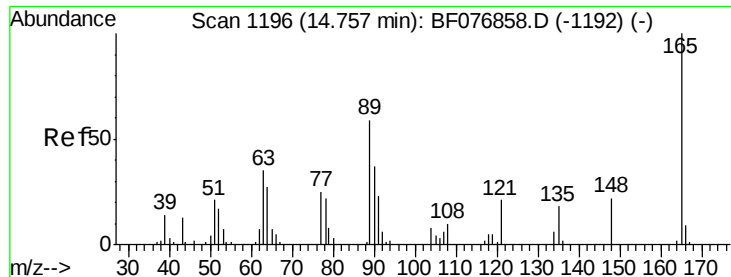


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

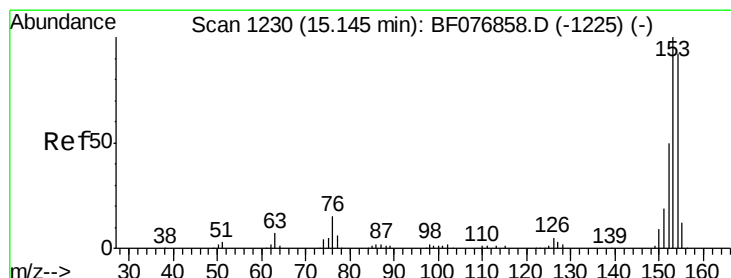
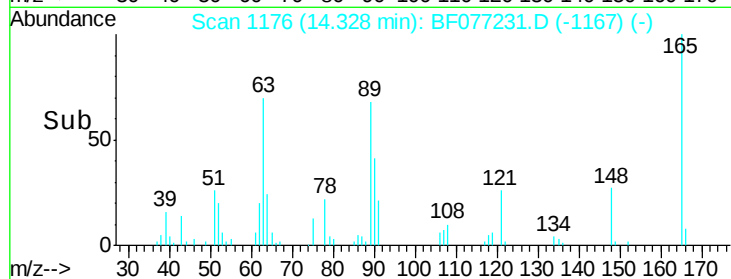
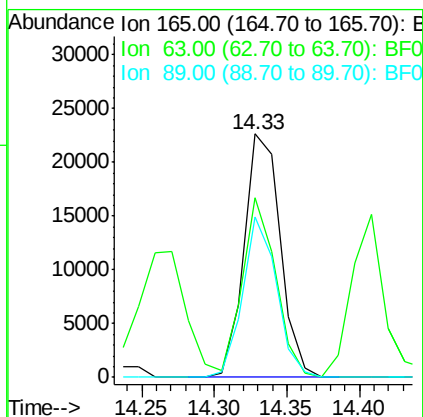
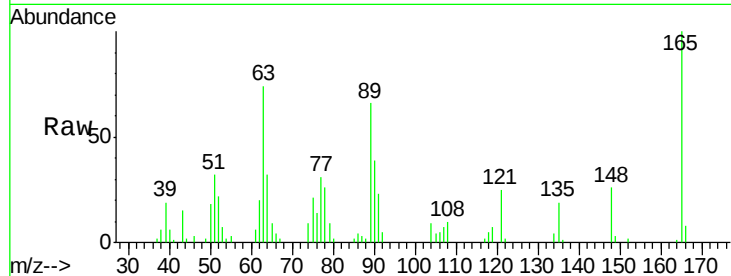




#50
2,6-Dinitrotoluene
Concen: 44.05 ng
RT: 14.33 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BF077231.D
Acq: 9 Feb 2015 18:57

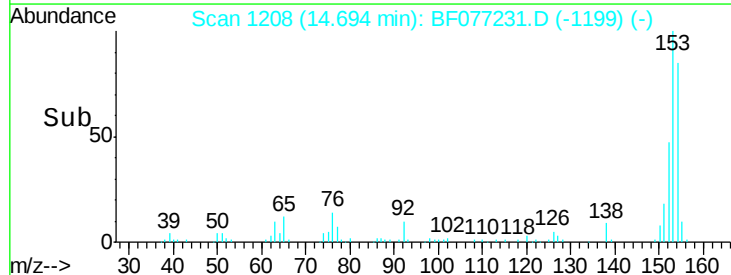
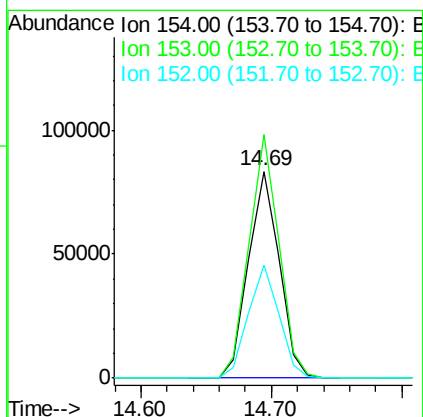
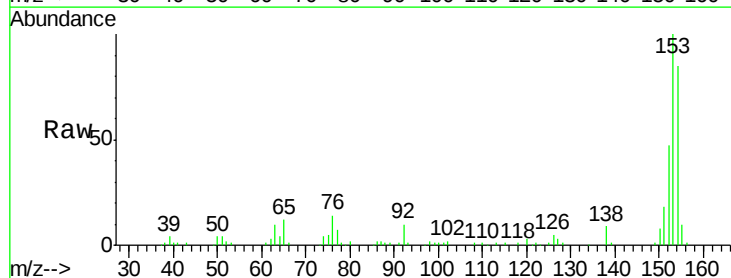
Instrument :
BNA_F
ClientSampleId :

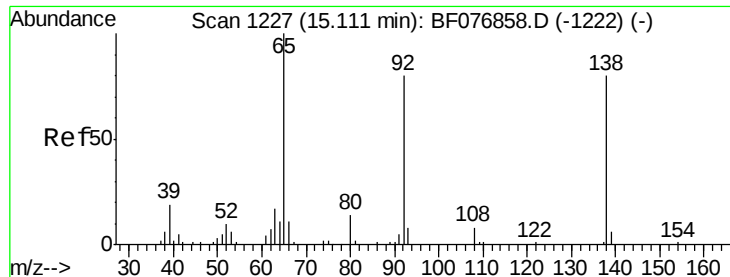
Tot Ion:165 Resp: 39124
Ion Ratio Lower Upper
165 100
63 74.0 48.1 72.1#
89 65.7 47.2 70.8



#51
Acenaphthene
Concen: 37.65 ng
RT: 14.69 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BF077231.D
Acq: 9 Feb 2015 18:57

Tgt Ion:154 Resp: 137774
Ion Ratio Lower Upper
154 100
153 117.9 87.0 130.6
152 55.0 43.5 65.3

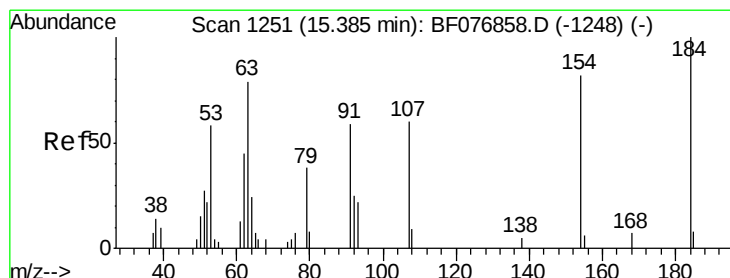
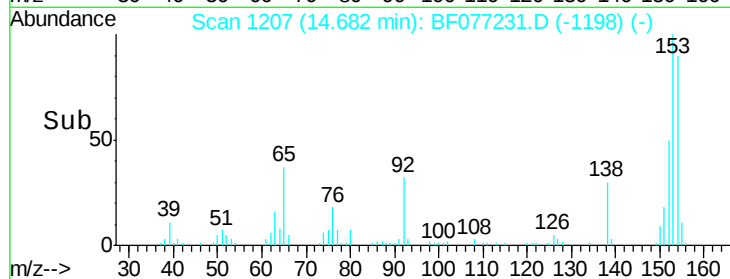
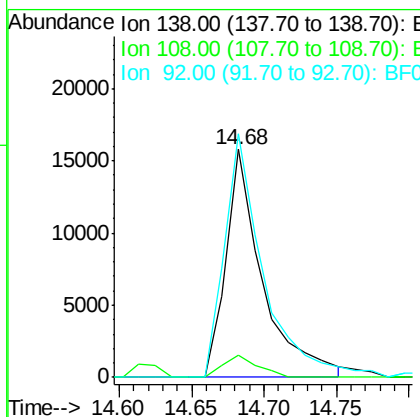
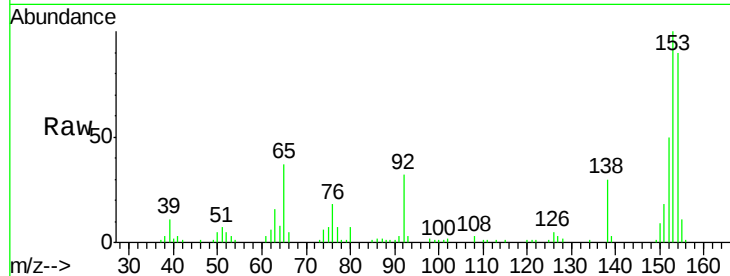




#52
 3-Nitroaniline
 Concen: 24.74 ng
 RT: 14.68 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BF077231.D
 Acq: 9 Feb 2015 18:57

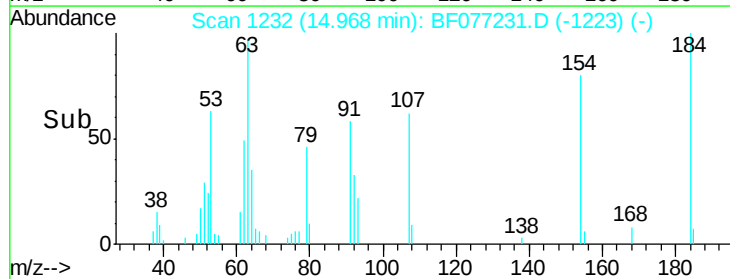
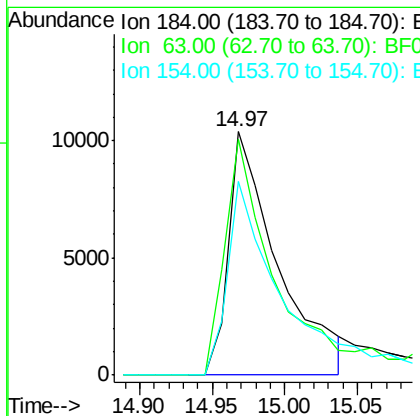
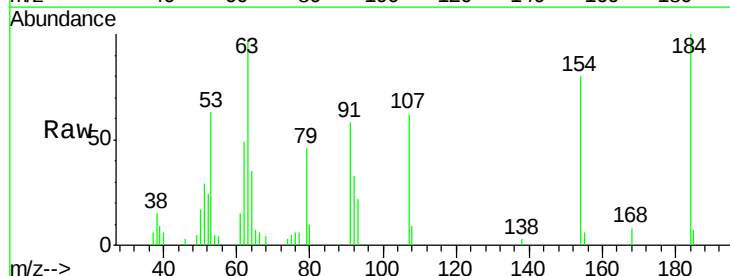
Instrument :
 BNA_F
 ClientSampleId :

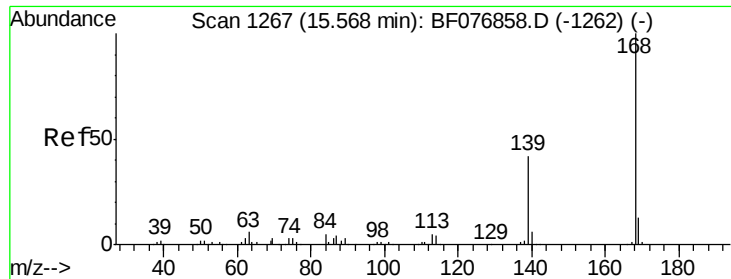
Tot Ion:138 Resp: 27638
 Ion Ratio Lower Upper
 138 100
 108 10.0 8.3 12.5
 92 106.8 80.9 121.3



#53
 2,4-Dinitrophenol
 Concen: 61.93 ng
 RT: 14.97 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF077231.D
 Acq: 9 Feb 2015 18:57

Tgt Ion:184 Resp: 24514
 Ion Ratio Lower Upper
 184 100
 63 96.8 63.0 94.6#
 154 79.7 65.5 98.3





#54

Dibenzofuran

Concen: 40.81 ng

RT: 15.12 min Scan# 1245

Delta R.T. -0.00 min

Lab File: BF077231.D

Acq: 9 Feb 2015 18:57

Instrument :

BNA_F

ClientSampleId :

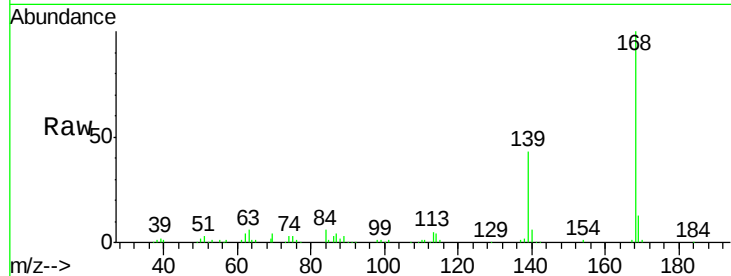
Tot Ion:168 Resp: 217572

Ion Ratio Lower Upper

168 100

139 43.4 33.4 50.2

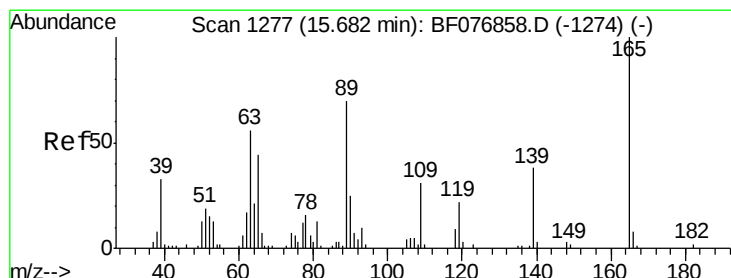
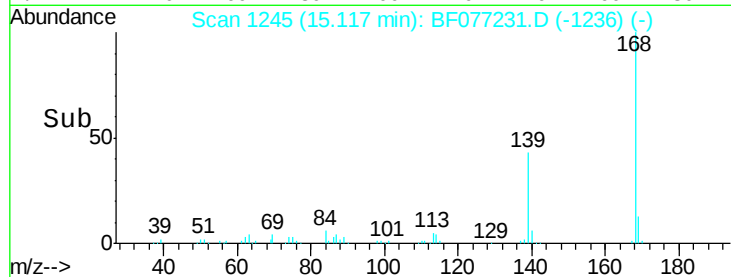
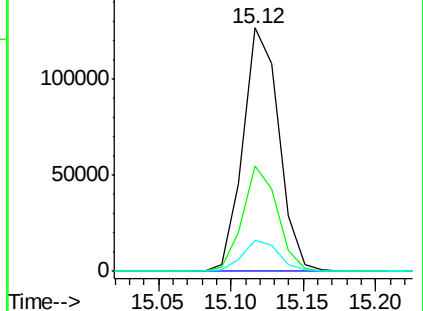
169 13.0 10.6 15.8



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: 63.54 ng

RT: 15.30 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BF077231.D

Acq: 9 Feb 2015 18:57

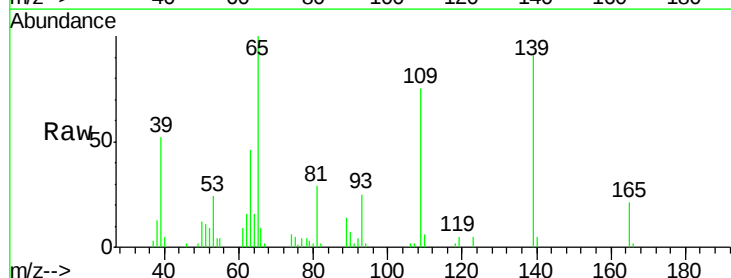
Tgt Ion:139 Resp: 44281

Ion Ratio Lower Upper

139 100

109 82.9 61.0 101.0

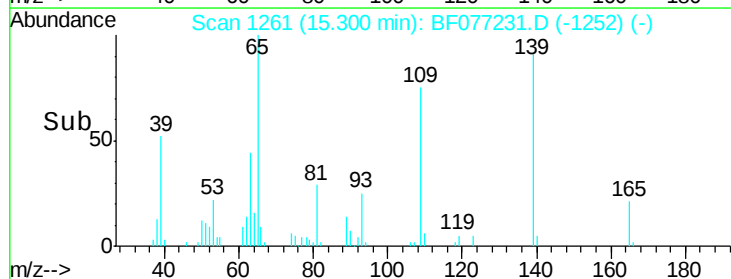
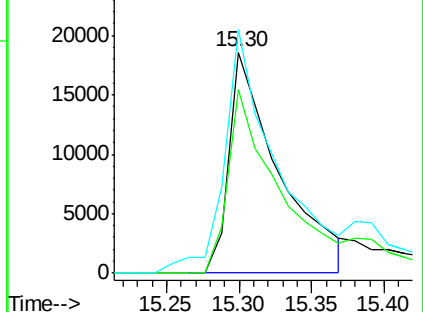
65 110.2 96.6 136.6

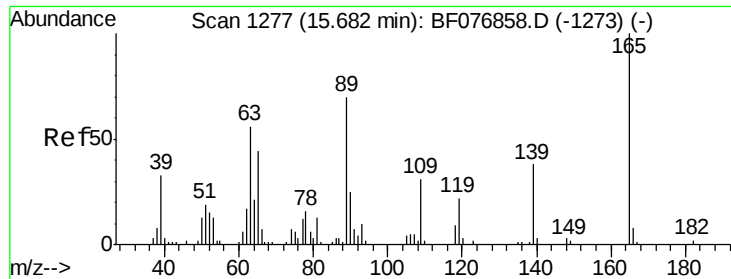


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

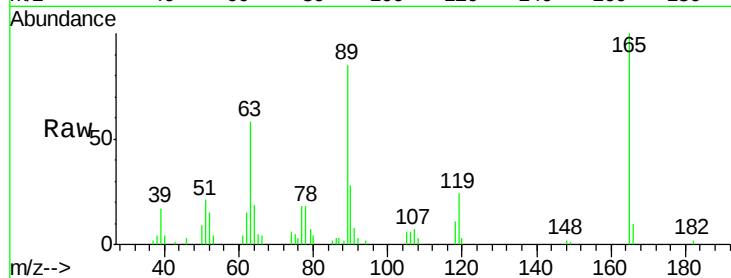




#56
2,4-Dinitrotoluene
Concen: 40.25 ng
RT: 15.27 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF077231.D
Acq: 9 Feb 2015 18:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.3	44.8	67.2
89	84.6	56.2	84.2
182	2.3	1.5	2.3

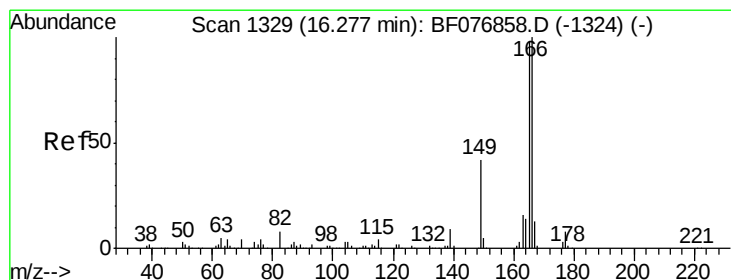
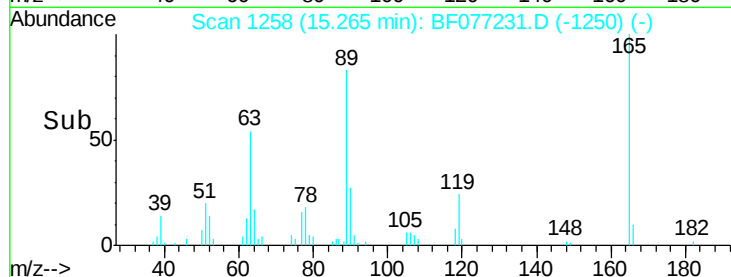
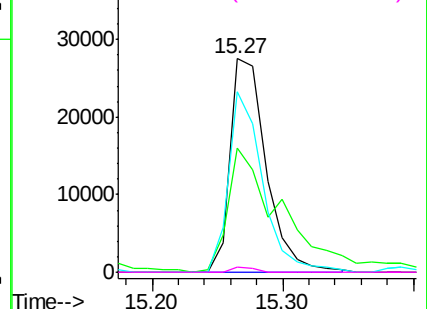


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

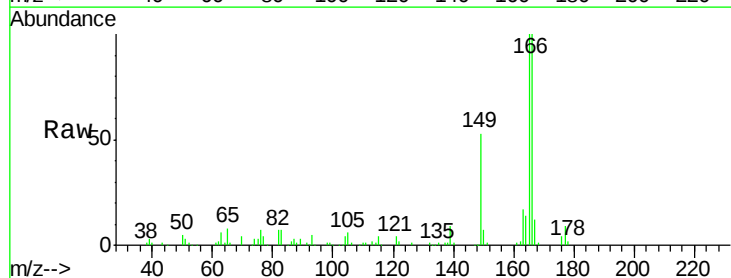
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 39.69 ng
RT: 15.89 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BF077231.D
Acq: 9 Feb 2015 18:57

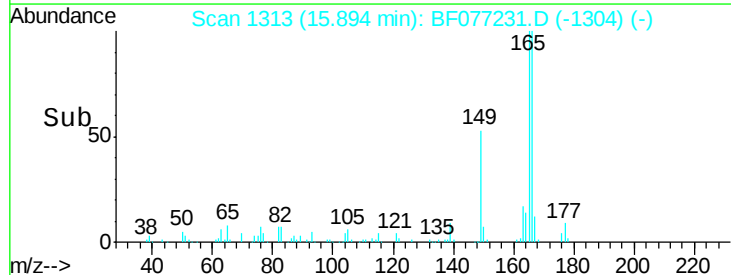
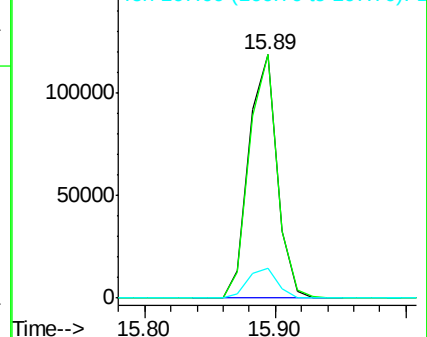
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.9	78.5	117.7
167	12.4	10.4	15.6



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

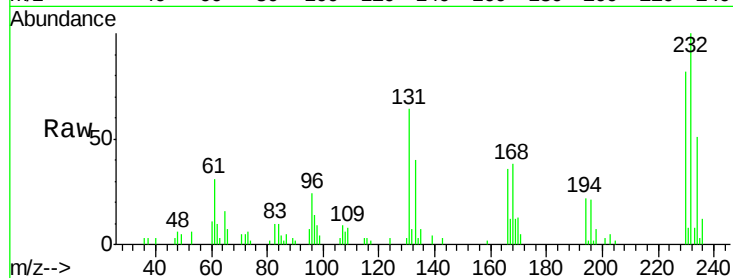




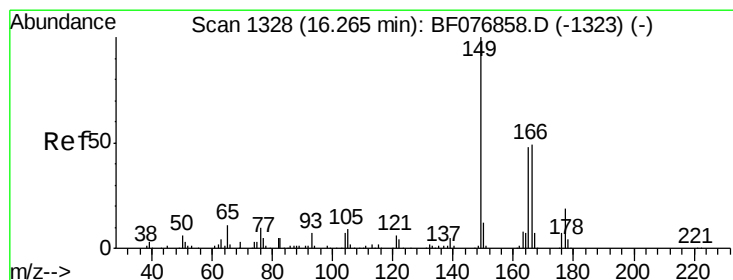
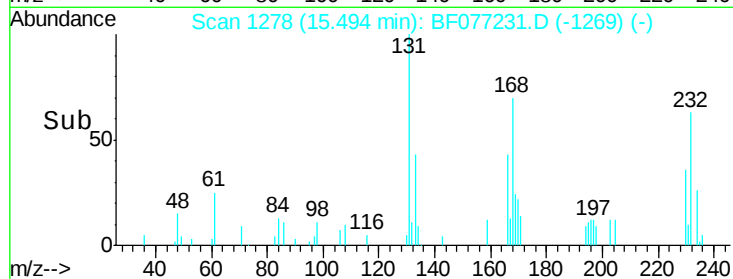
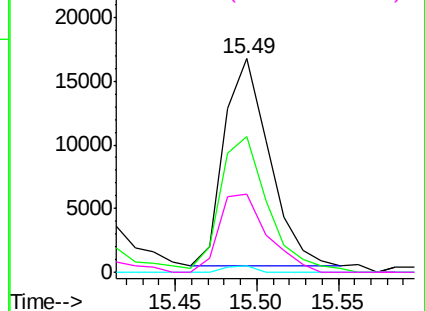
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.05 ng
 RT: 15.49 min Scan# 1278
 Delta R.T. -0.00 min
 Lab File: BF077231.D
 Acq: 9 Feb 2015 18:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	31068
Ion	Ratio	Lower	Upper
232	100		
131	69.8	45.0	67.6#
130	2.1	2.6	3.8#
166	40.6	30.9	46.3

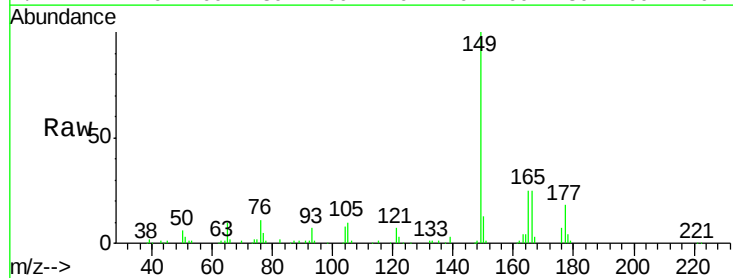


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

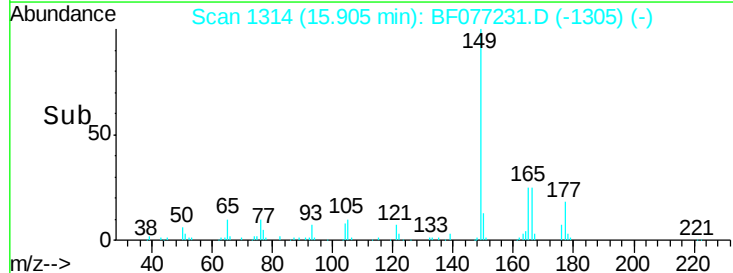
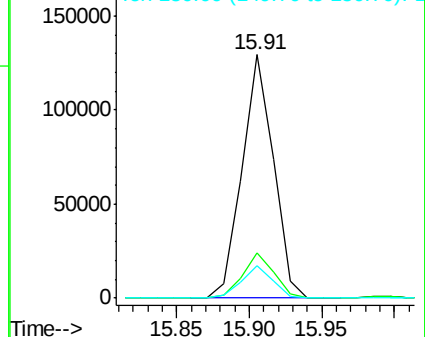


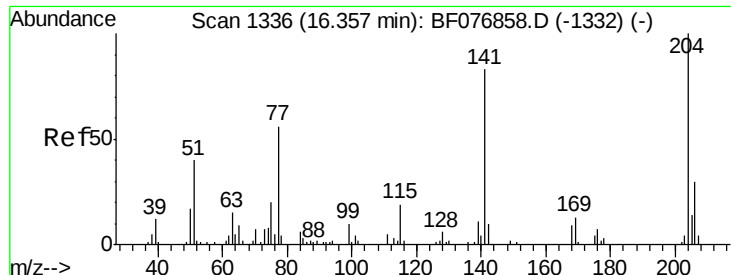
#59
 Diethylphthalate
 Concen: 43.12 ng
 RT: 15.91 min Scan# 1314
 Delta R.T. -0.00 min
 Lab File: BF077231.D
 Acq: 9 Feb 2015 18:57

Tgt Ion:	149	Resp:	193723
Ion	Ratio	Lower	Upper
149	100		
177	18.3	15.0	22.6
150	13.4	9.4	14.0



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

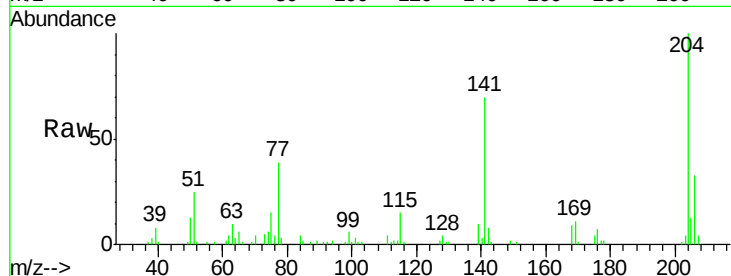




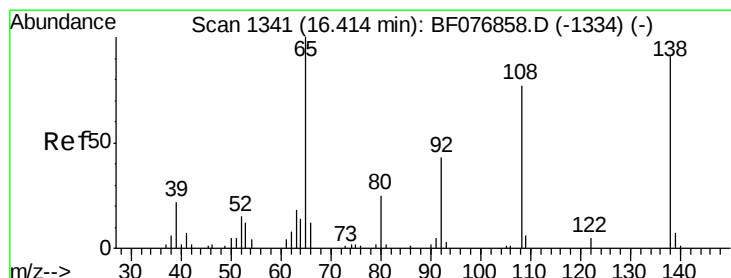
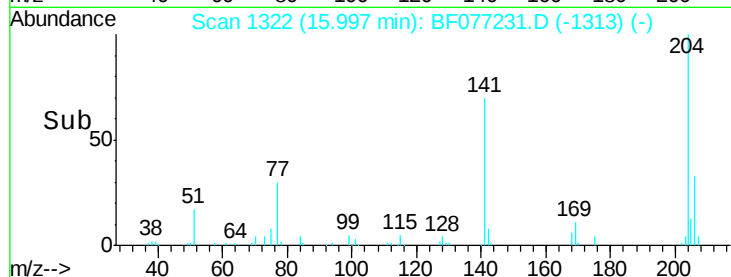
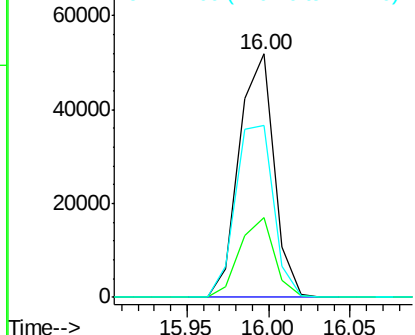
#60
4-Chlorophenyl-phenylether
Concen: 41.57 ng
RT: 16.00 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF077231.D
Acq: 9 Feb 2015 18:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 76821
Ion Ratio Lower Upper
204 100
206 32.5 24.2 36.2
141 70.4 66.7 100.1

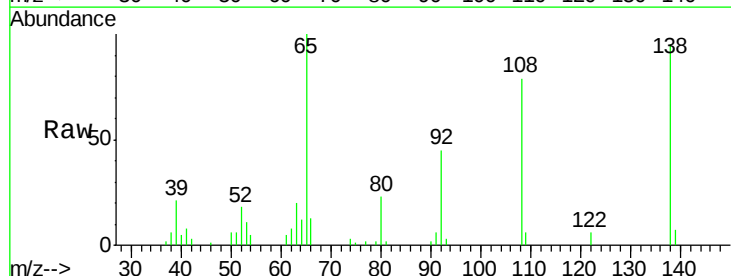


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

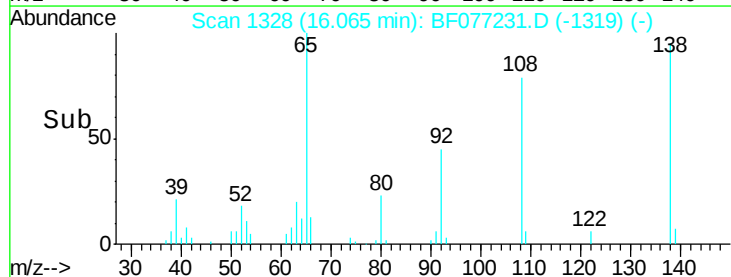
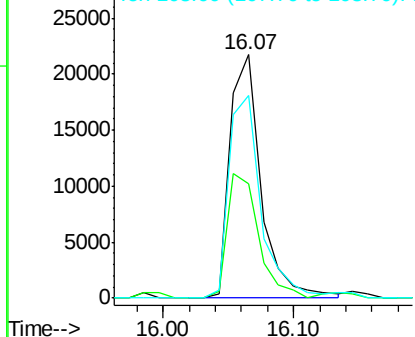


#61
4-Nitroaniline
Concen: 32.68 ng
RT: 16.07 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BF077231.D
Acq: 9 Feb 2015 18:57

Tgt Ion:138 Resp: 36057
Ion Ratio Lower Upper
138 100
92 46.9 26.7 66.7
108 83.4 64.5 104.5



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





#62

Azobenzene

Concen: 41.29 ng

RT: 16.29 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BF077231.D

Acq: 9 Feb 2015 18:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 193301

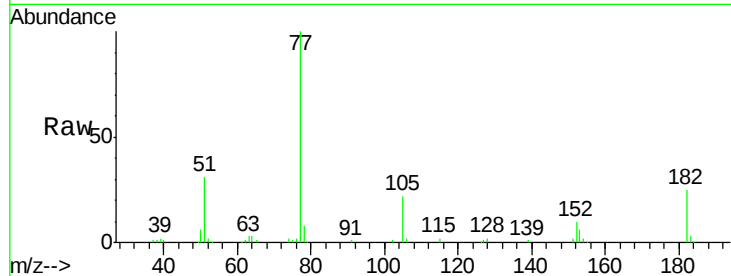
Ion Ratio Lower Upper

77 100

182 25.5 2.0 42.0

105 22.0 2.3 42.3

51 31.5 10.7 50.7

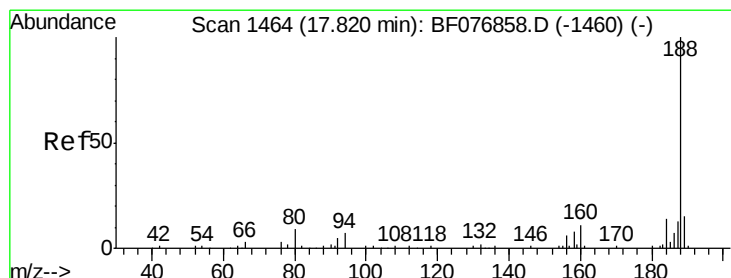
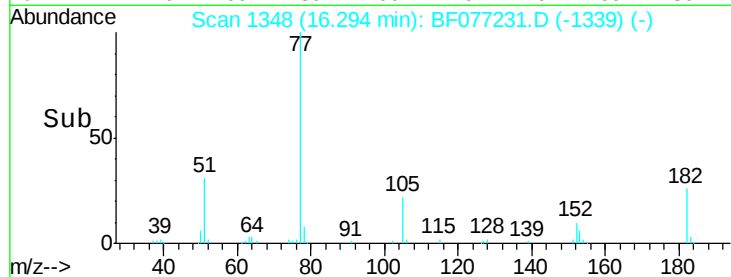
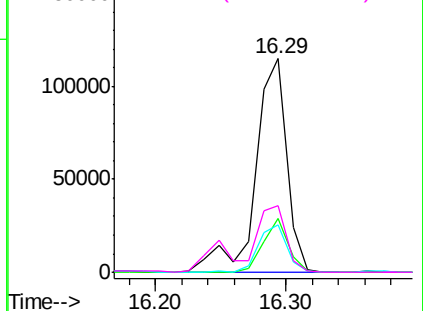


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 17.51 min Scan# 1454

Delta R.T. -0.00 min

Lab File: BF077231.D

Acq: 9 Feb 2015 18:57

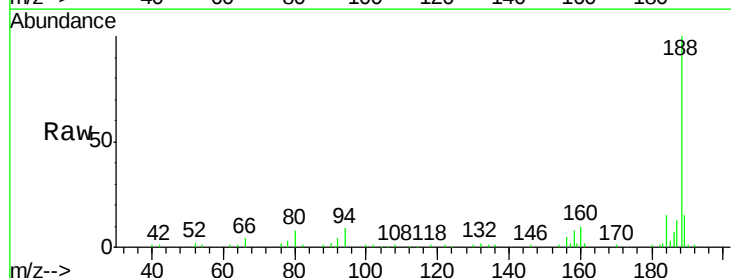
Tgt Ion: 188 Resp: 116200

Ion Ratio Lower Upper

188 100

94 8.8 6.0 9.0

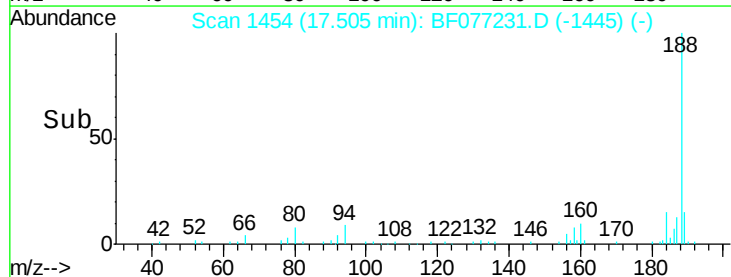
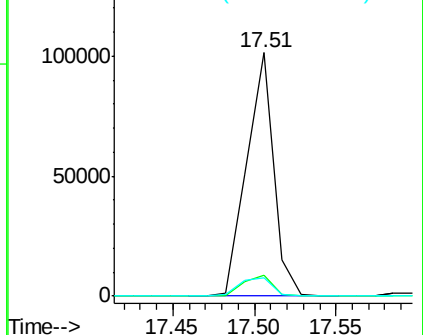
80 7.7 6.9 10.3

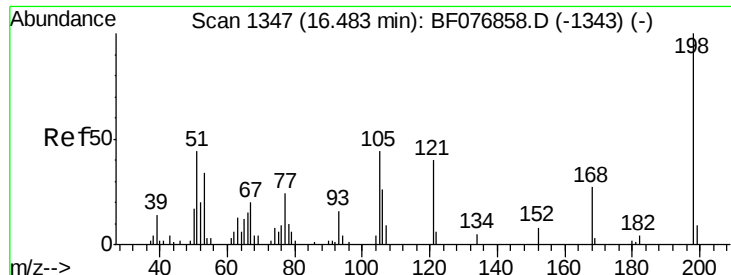


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

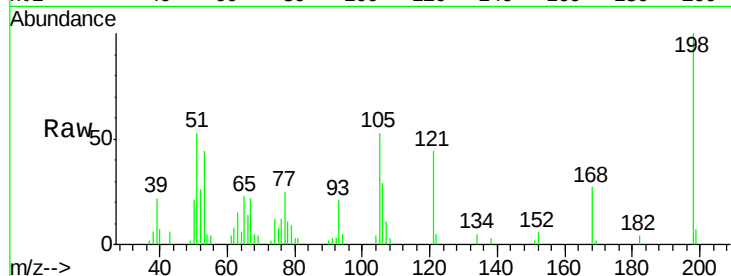




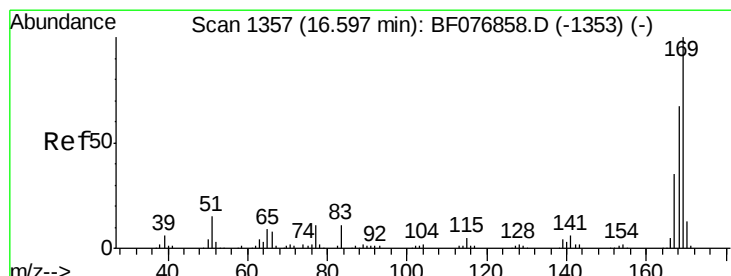
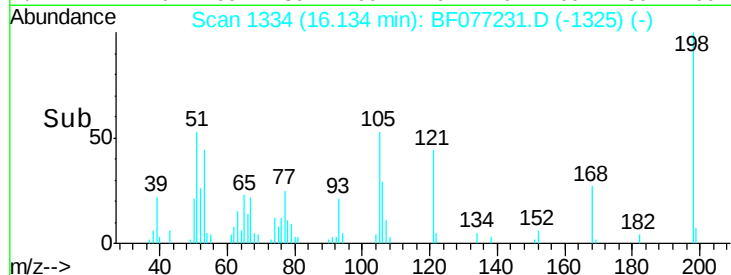
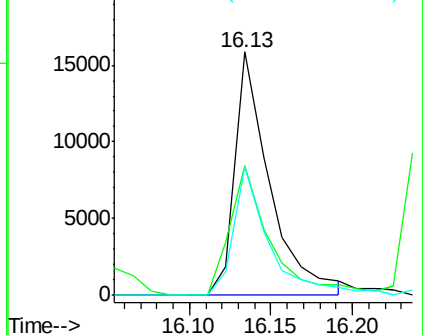
#64
 4,6-Dinitro-2-methylphenol
 Concen: 32.73 ng
 RT: 16.13 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF077231.D
 Acq: 9 Feb 2015 18:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 23602
 Ion Ratio Lower Upper
 198 100
 51 53.1 24.2 64.2
 105 53.0 24.0 64.0

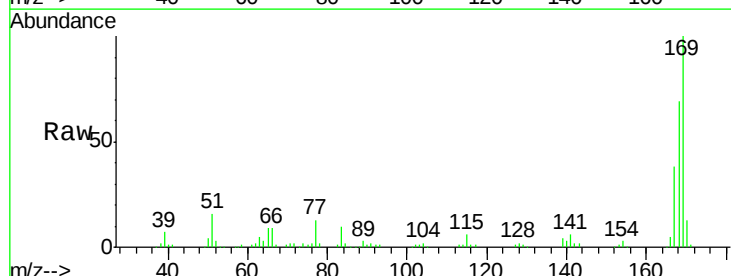


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

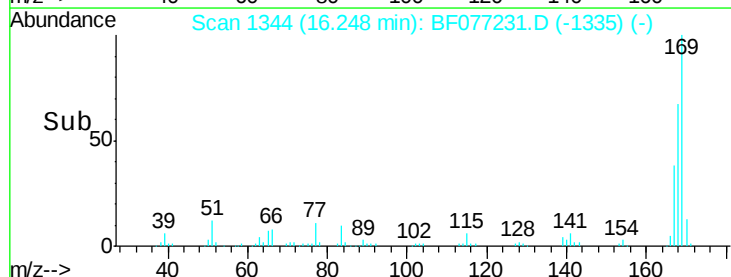
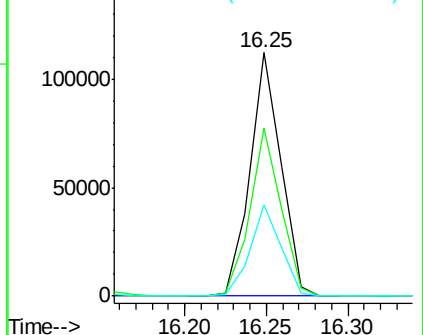


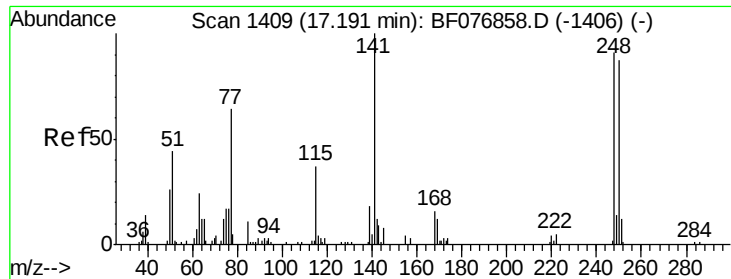
#65
 n-Nitrosodiphenylamine
 Concen: 35.68 ng
 RT: 16.25 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: BF077231.D
 Acq: 9 Feb 2015 18:57

Tgt Ion:169 Resp: 147849
 Ion Ratio Lower Upper
 169 100
 168 68.9 53.8 80.6
 167 37.5 27.8 41.6



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

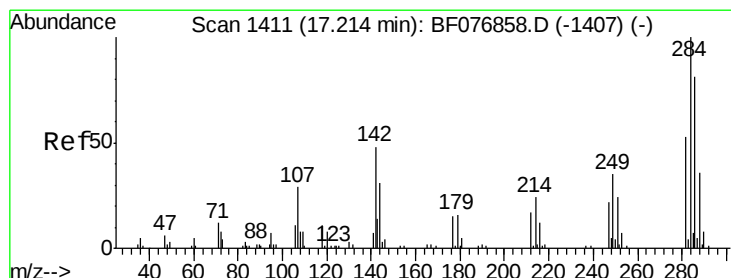
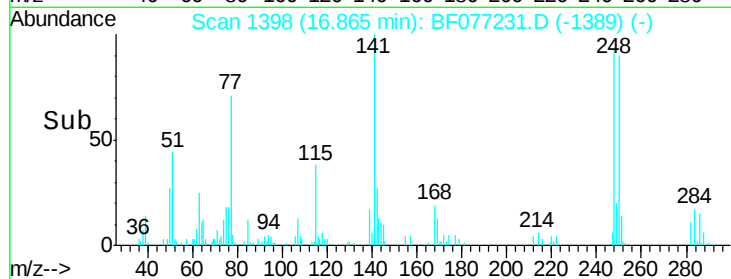
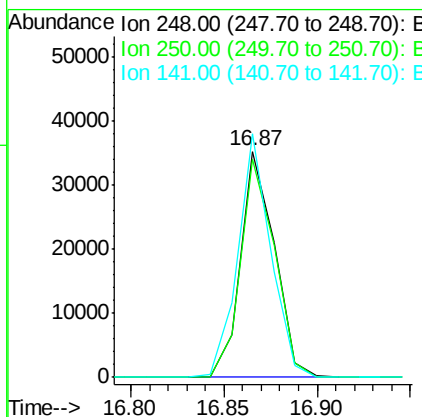
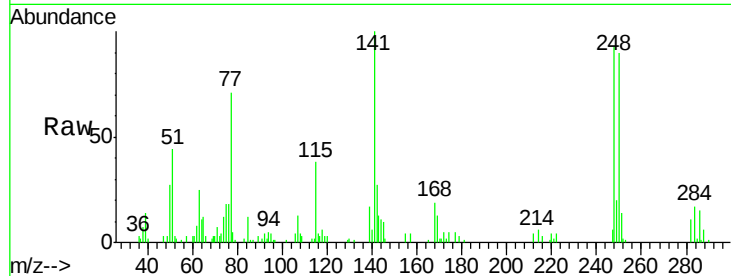




#66
 4-Bromophenyl-phenylether
 Concen: 38.26 ng
 RT: 16.87 min Scan# 1398
 Delta R.T. -0.00 min
 Lab File: BF077231.D
 Acq: 9 Feb 2015 18:57

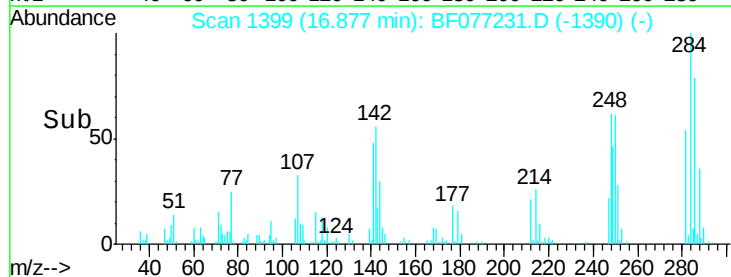
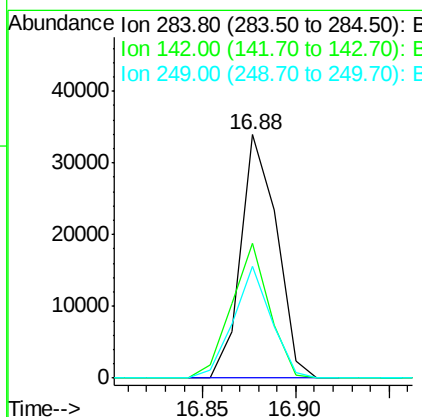
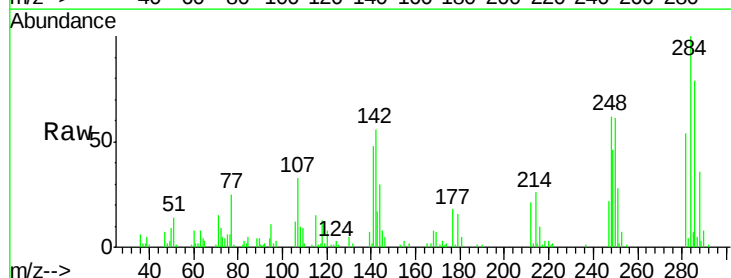
Instrument :
 BNA_F
 ClientSampled :

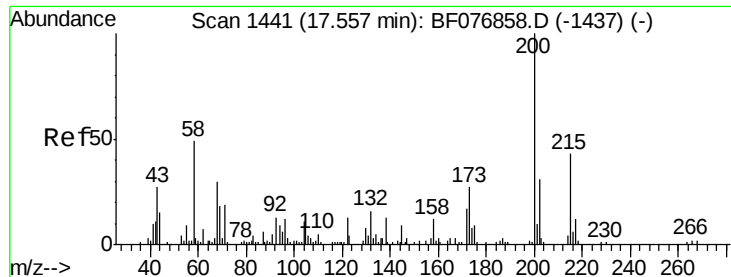
Tot Ion:248 Resp: 45041
 Ion Ratio Lower Upper
 248 100
 250 96.7 77.1 115.7
 141 107.8 88.2 132.4



#67
 Hexachlorobenzene
 Concen: 36.58 ng
 RT: 16.88 min Scan# 1399
 Delta R.T. -0.00 min
 Lab File: BF077231.D
 Acq: 9 Feb 2015 18:57

Tgt Ion:284 Resp: 45381
 Ion Ratio Lower Upper
 284 100
 142 55.6 38.2 57.4
 249 46.1 28.2 42.2#





#68

Atrazine

Concen: 39.76 ng

RT: 17.27 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BF077231.D

Acq: 9 Feb 2015 18:57

Instrument :

BNA_F

ClientSampled :

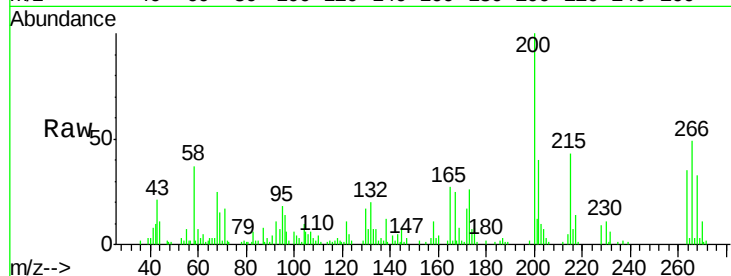
Tot Ion:200 Resp: 49985

Ion Ratio Lower Upper

200 100

173 25.9 6.6 46.6

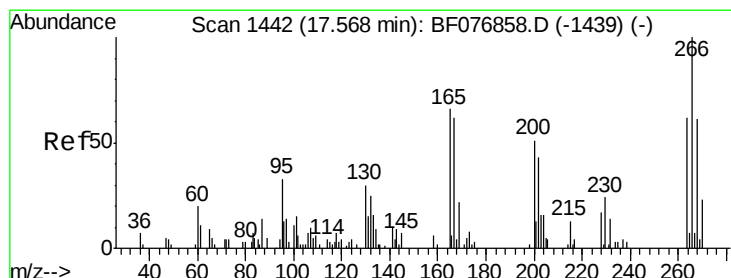
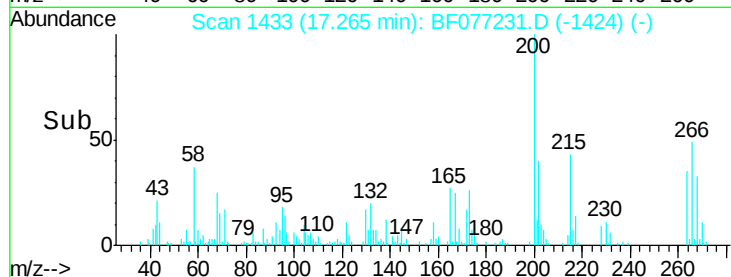
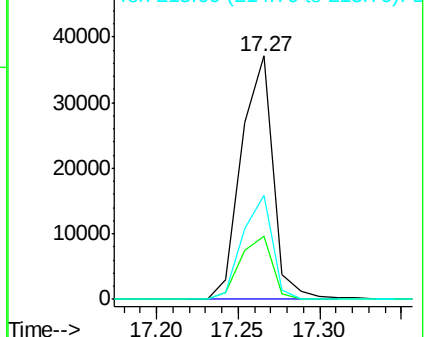
215 42.7 22.9 62.9



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: 55.84 ng

RT: 17.27 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BF077231.D

Acq: 9 Feb 2015 18:57

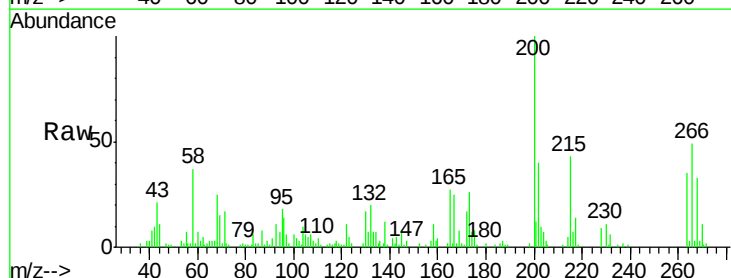
Tgt Ion:266 Resp: 30473

Ion Ratio Lower Upper

266 100

268 68.1 48.6 72.8

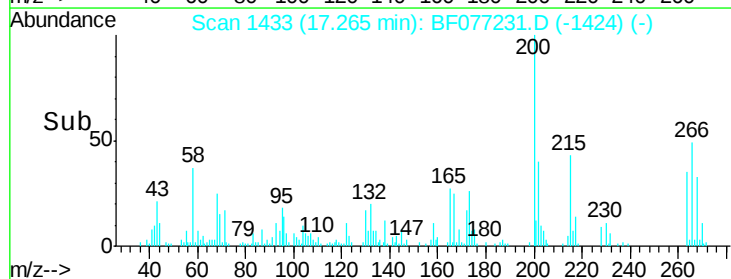
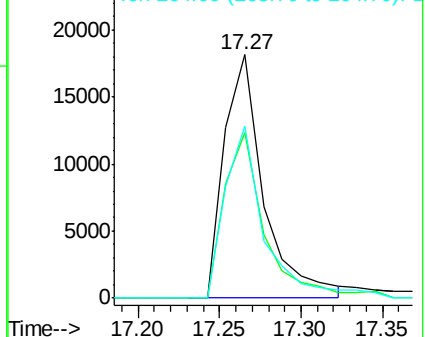
264 70.6 49.5 74.3

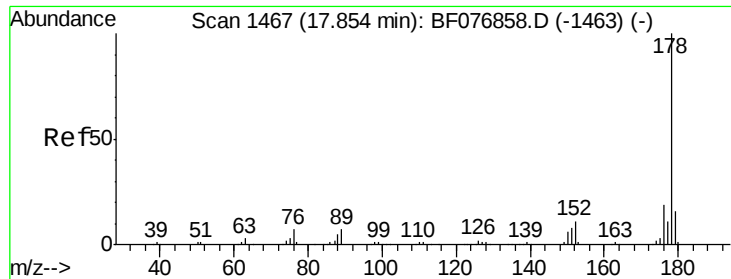


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

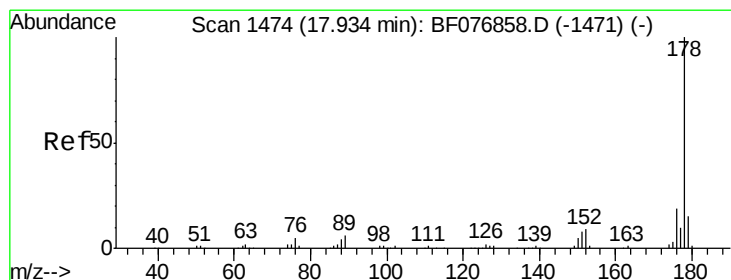
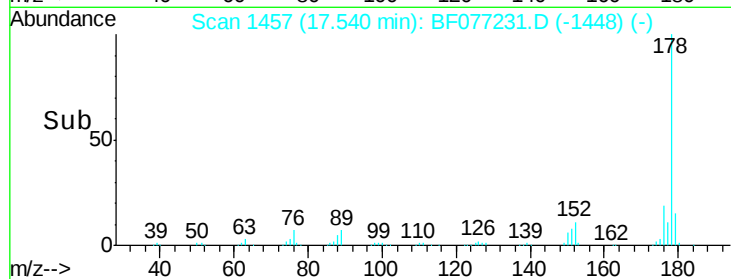
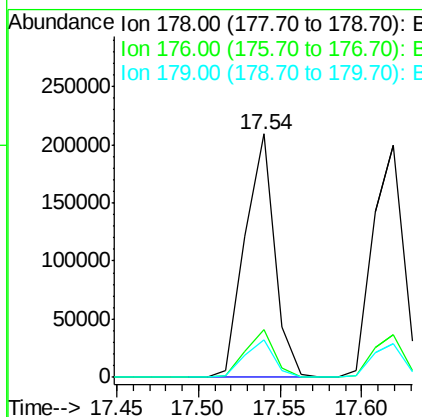
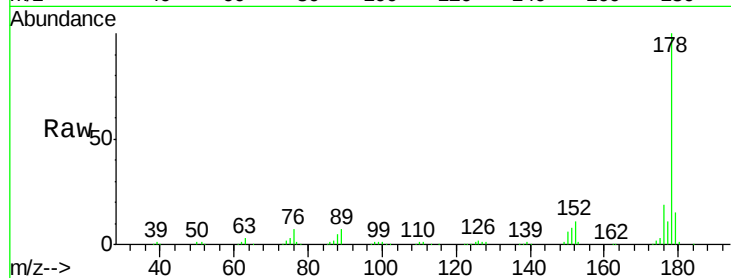




#70
 Phenanthrene
 Concen: 36.25 ng
 RT: 17.54 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: BF077231.D
 Acq: 9 Feb 2015 18:57

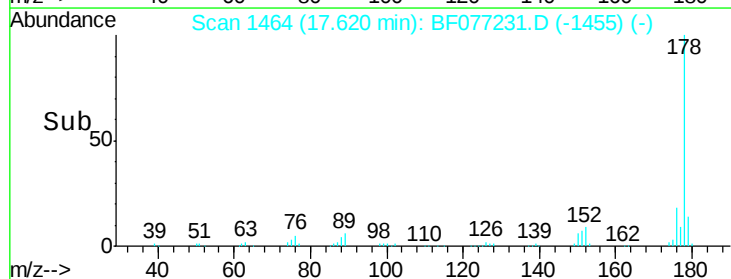
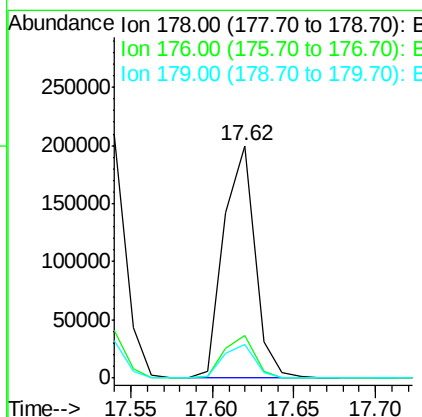
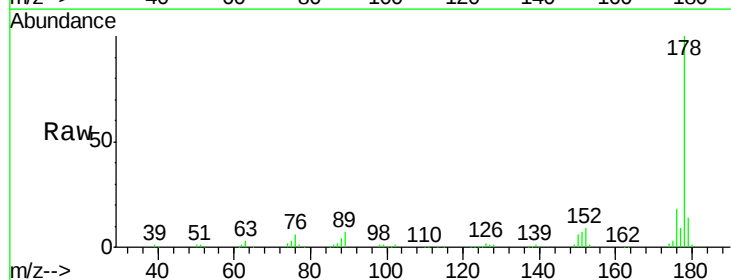
Instrument :
 BNA_F
 ClientSampled :

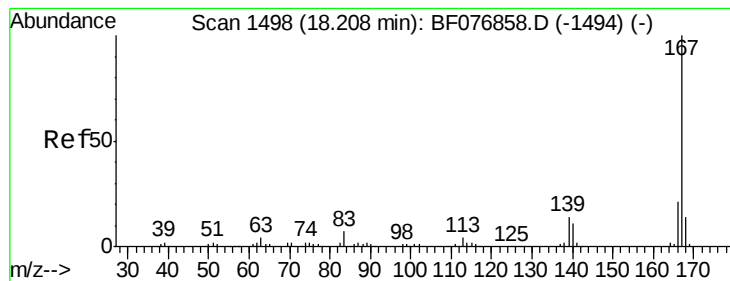
Tot Ion:178 Resp: 262703
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.1 22.7
 179 15.2 12.7 19.1



#71
 Anthracene
 Concen: 37.34 ng
 RT: 17.62 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: BF077231.D
 Acq: 9 Feb 2015 18:57

Tgt Ion:178 Resp: 263838
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.4 23.0
 179 14.5 11.9 17.9





#72

Carbazole

Concen: 35.79 ng

RT: 17.91 min Scan# 1489

Delta R.T. -0.01 min

Lab File: BF077231.D

Acq: 9 Feb 2015 18:57

Instrument :

BNA_F

ClientSampleId :

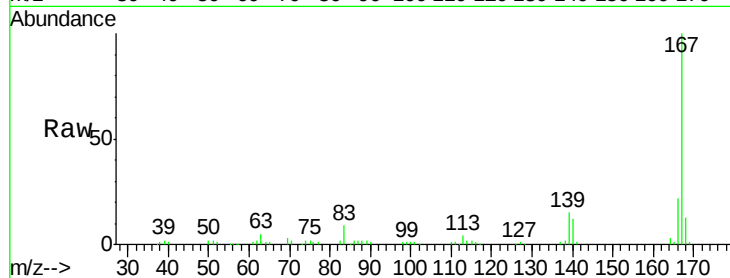
Tot Ion:167 Resp: 245314

Ion Ratio Lower Upper

167 100

166 22.1 17.0 25.6

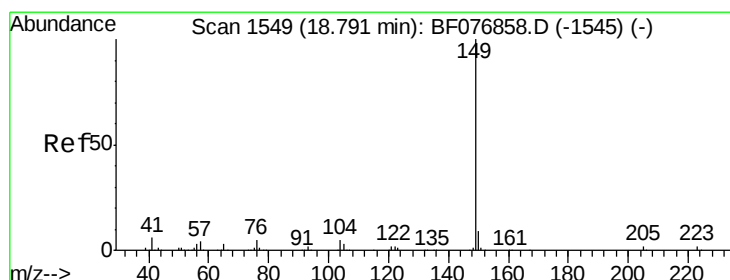
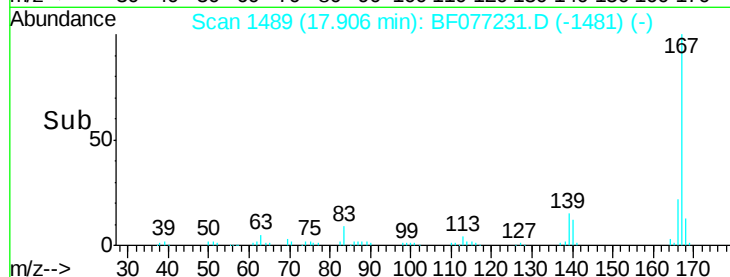
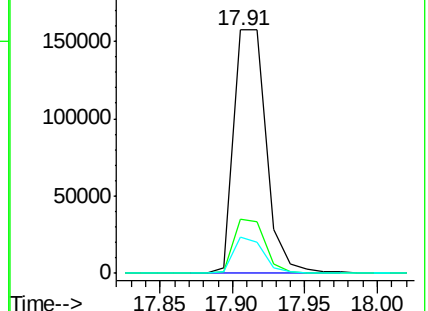
139 15.1 11.3 16.9



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: 40.37 ng

RT: 18.51 min Scan# 1542

Delta R.T. -0.00 min

Lab File: BF077231.D

Acq: 9 Feb 2015 18:57

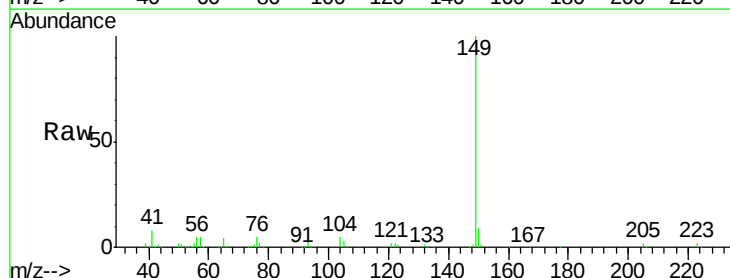
Tgt Ion:149 Resp: 320234

Ion Ratio Lower Upper

149 100

150 9.3 6.9 10.3

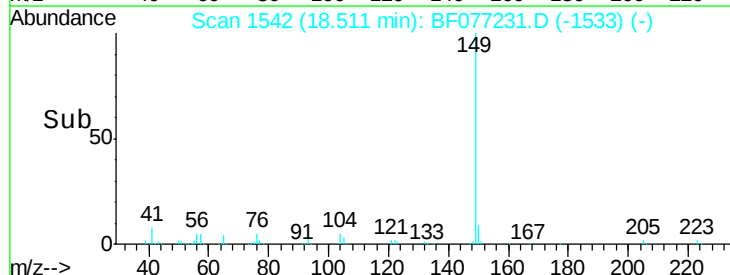
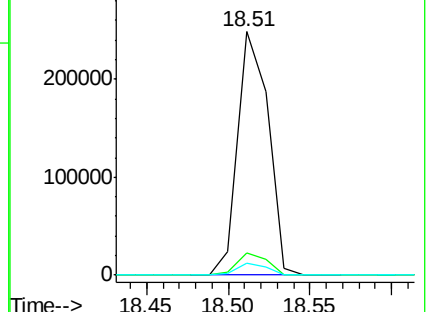
104 5.2 3.7 5.5

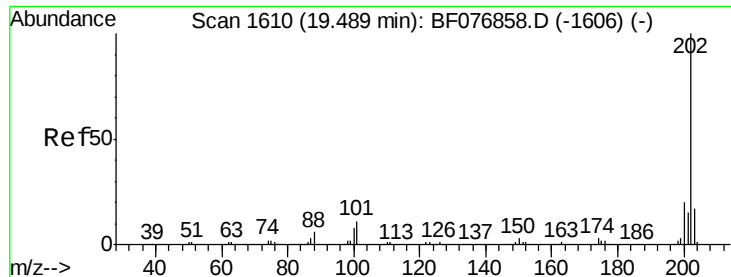


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

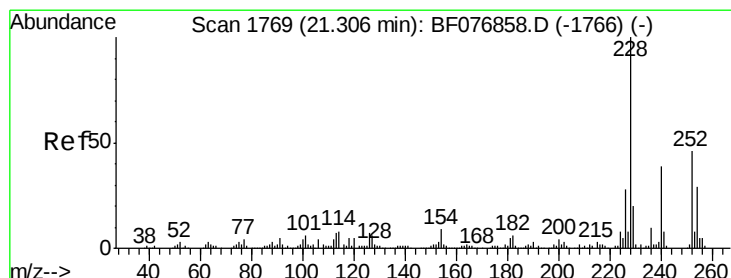
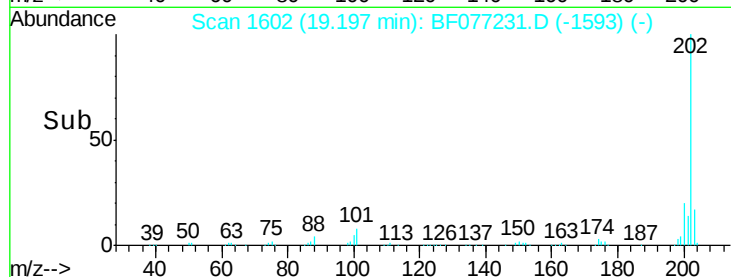
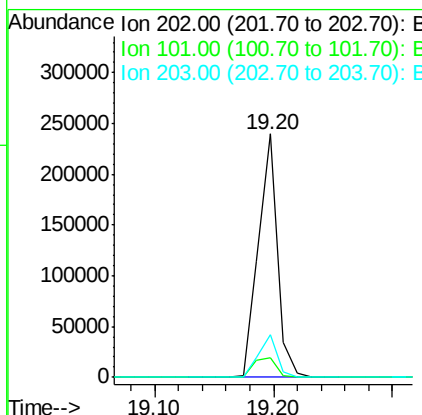
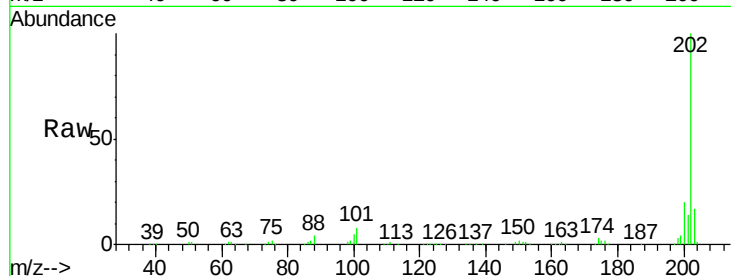




#74
 Fluoranthene
 Concen: 36.61 ng
 RT: 19.20 min Scan# 1602
 Delta R.T. -0.00 min
 Lab File: BF077231.D
 Acq: 9 Feb 2015 18:57

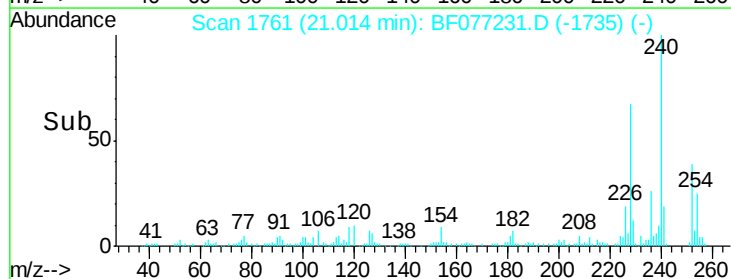
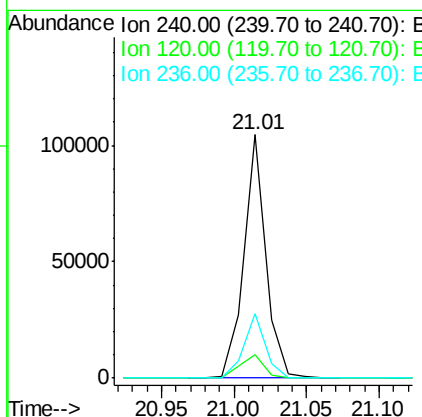
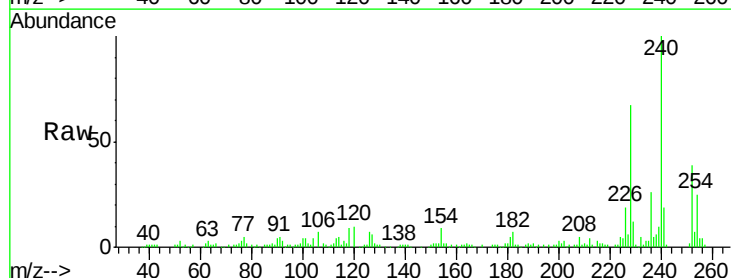
Instrument :
 BNA_F
 ClientSampleId :

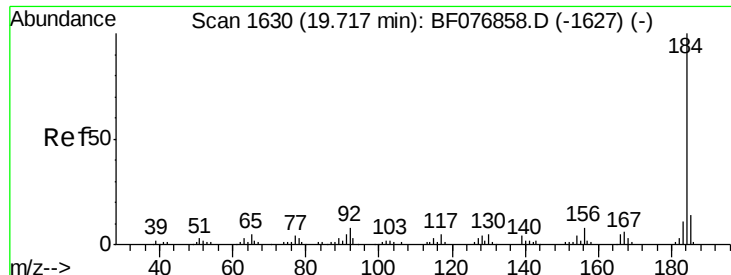
Tot Ion:202 Resp: 271811
 Ion Ratio Lower Upper
 202 100
 101 7.9 0.0 30.7
 203 17.3 0.0 36.9



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.01 min Scan# 1761
 Delta R.T. -0.00 min
 Lab File: BF077231.D
 Acq: 9 Feb 2015 18:57

Tgt Ion:240 Resp: 109228
 Ion Ratio Lower Upper
 240 100
 120 9.8 10.4 15.6#
 236 26.5 20.2 30.2

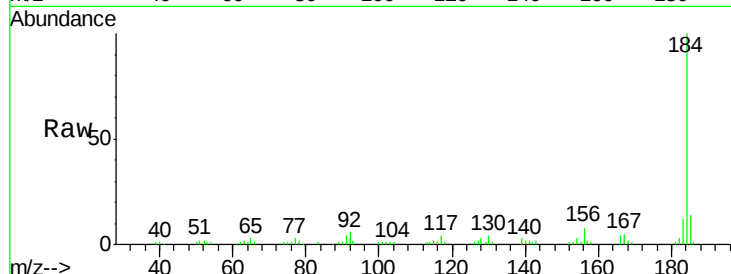




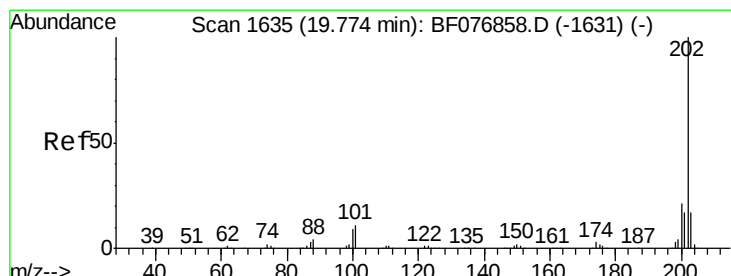
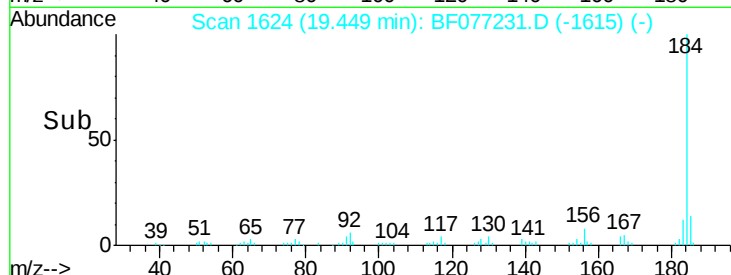
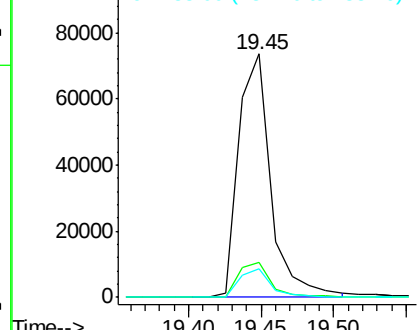
#76
Benzidine
Concen: 32.43 ng
RT: 19.45 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BF077231.D
Acq: 9 Feb 2015 18:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 113345
Ion Ratio Lower Upper
184 100
185 14.2 11.4 17.2
183 11.6 9.0 13.6

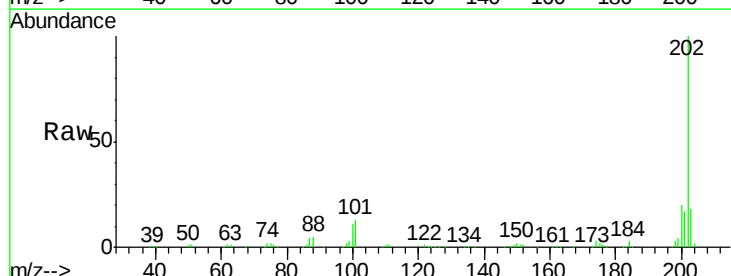


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

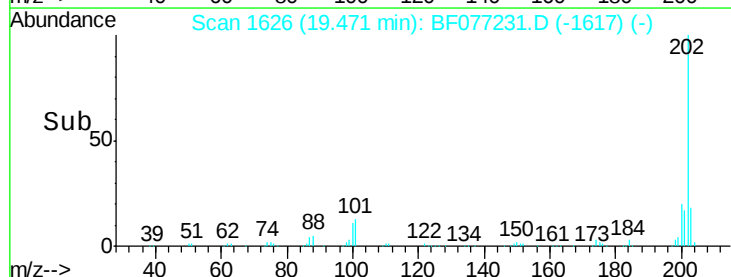
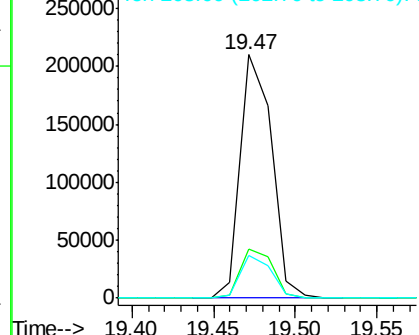


#77
Pyrene
Concen: 37.47 ng
RT: 19.47 min Scan# 1626
Delta R.T. -0.00 min
Lab File: BF077231.D
Acq: 9 Feb 2015 18:57

Tgt Ion:202 Resp: 280499
Ion Ratio Lower Upper
202 100
200 20.4 16.7 25.1
203 17.7 14.0 21.0



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: 80.30 ng

RT: 19.76 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BF077231.D

Acq: 9 Feb 2015 18:57

Instrument :

BNA_F

ClientSampleId :

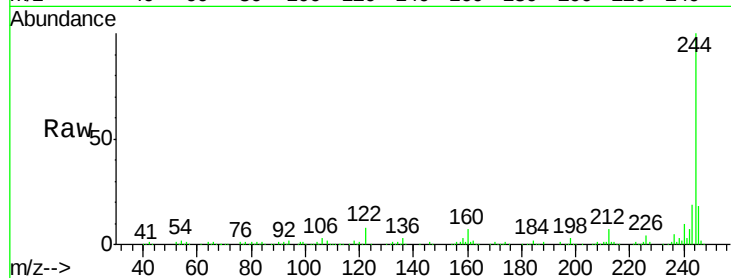
Tot Ion:244 Resp: 380983

Ion Ratio Lower Upper

244 100

212 6.9 6.3 9.5

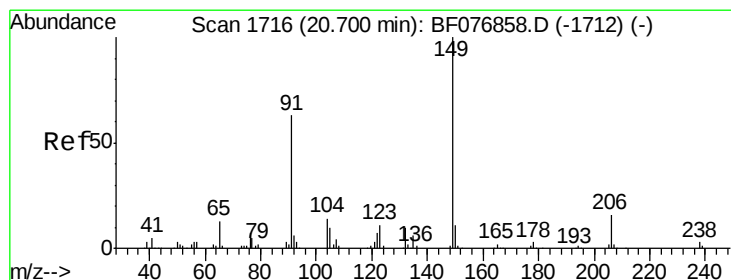
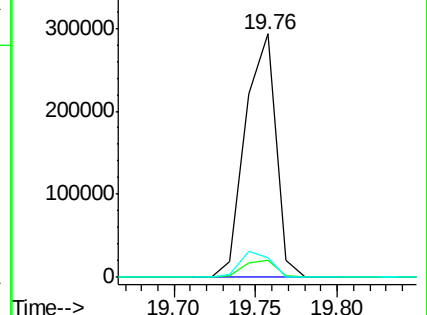
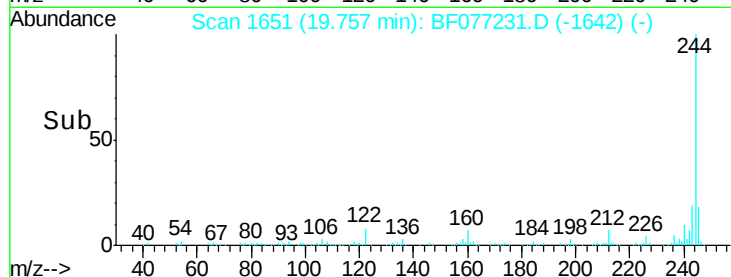
122 8.2 10.1 15.1#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 42.01 ng

RT: 20.42 min Scan# 1709

Delta R.T. -0.00 min

Lab File: BF077231.D

Acq: 9 Feb 2015 18:57

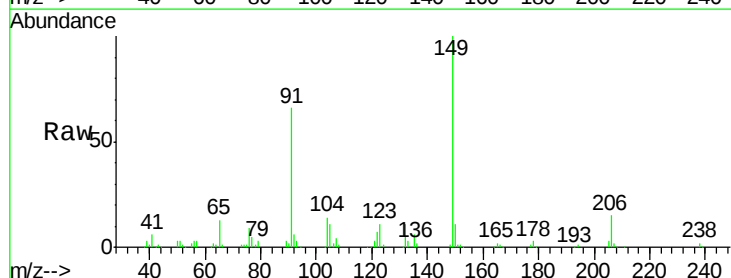
Tgt Ion:149 Resp: 142428

Ion Ratio Lower Upper

149 100

91 66.4 50.6 76.0

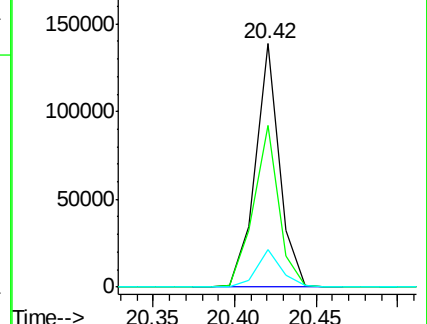
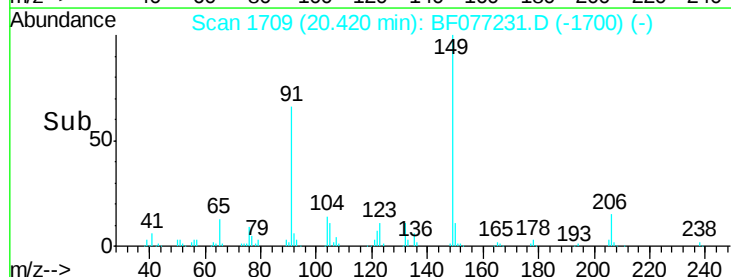
206 15.5 12.8 19.2

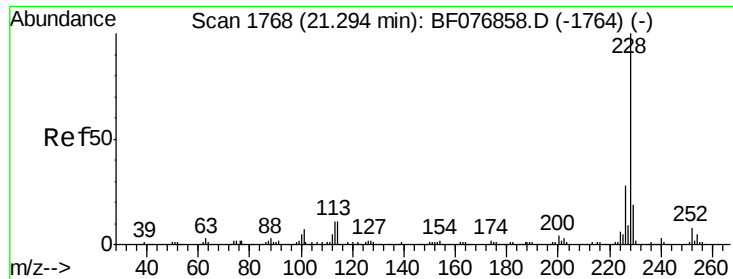


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

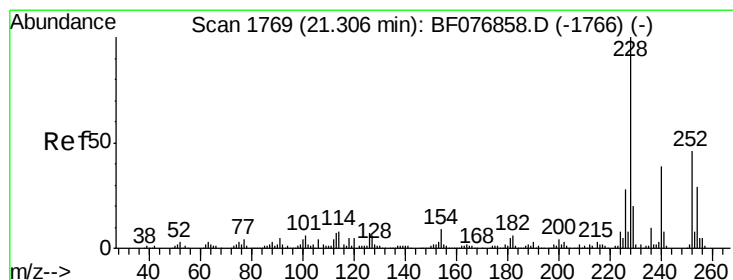
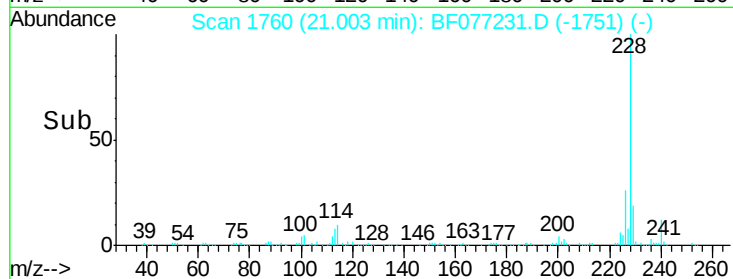
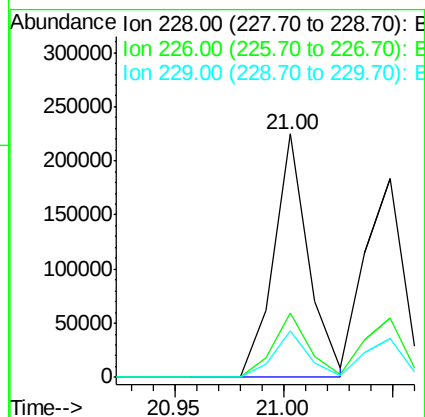
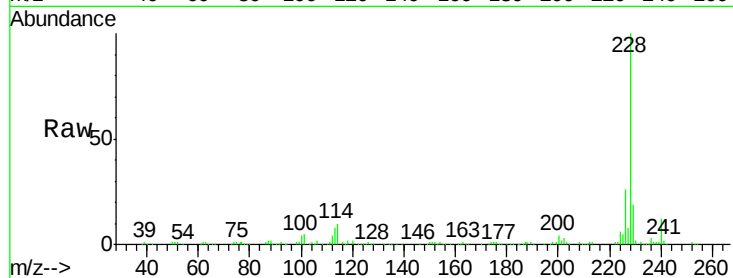




#80
Benzo(a)anthracene
Concen: 36.67 ng
RT: 21.00 min Scan# 1760
Delta R.T. -0.00 min
Lab File: BF077231.D
Acq: 9 Feb 2015 18:57

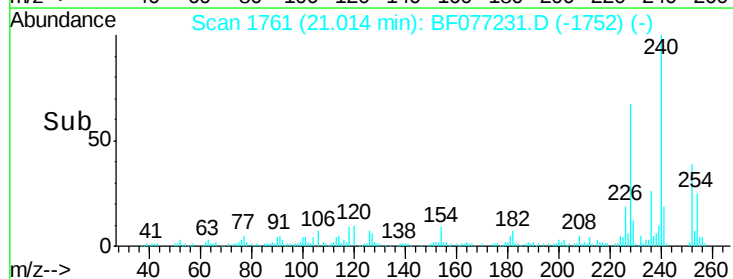
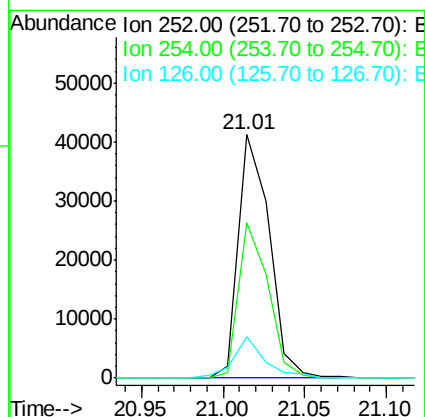
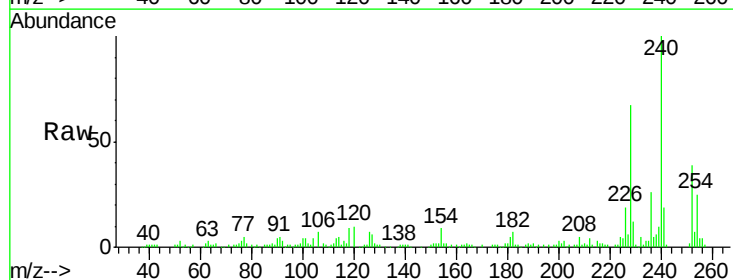
Instrument :
BNA_F
ClientSampleId :

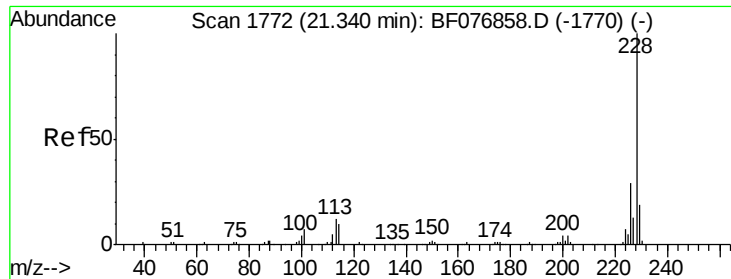
Tot Ion:228 Resp: 251266
Ion Ratio Lower Upper
228 100
226 26.4 22.1 33.1
229 19.3 15.5 23.3



#81
3,3'-Dichlorobenzidine
Concen: 24.98 ng
RT: 21.01 min Scan# 1761
Delta R.T. -0.00 min
Lab File: BF077231.D
Acq: 9 Feb 2015 18:57

Tgt Ion:252 Resp: 54399
Ion Ratio Lower Upper
252 100
254 64.0 50.2 75.4
126 17.0 11.5 17.3





#82

Chrysene

Concen: 36.40 ng

RT: 21.05 min Scan# 1764

Delta R.T. -0.00 min

Lab File: BF077231.D

Acq: 9 Feb 2015 18:57

Instrument :

BNA_F

ClientSampleId :

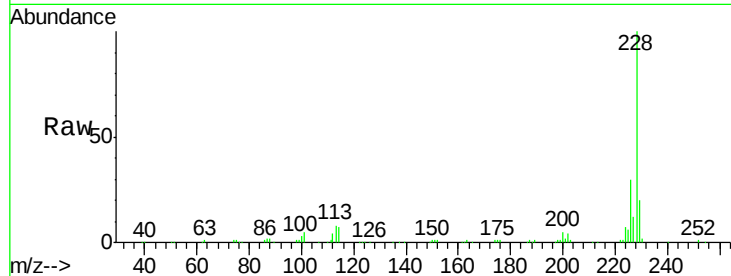
Tot Ion:228 Resp: 227483

Ion Ratio Lower Upper

228 100

226 29.9 23.4 35.0

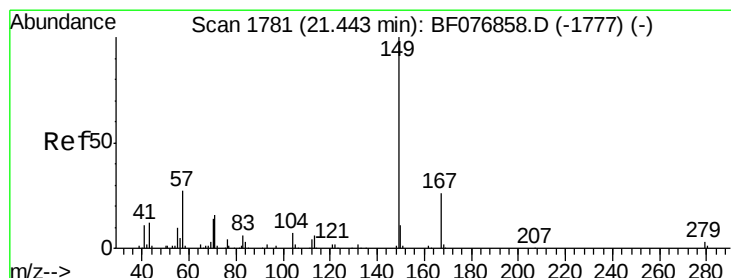
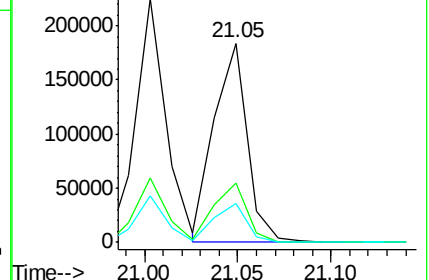
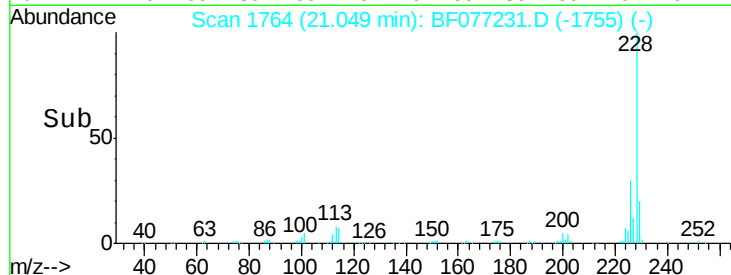
229 19.5 15.4 23.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 43.60 ng

RT: 21.16 min Scan# 1774

Delta R.T. -0.00 min

Lab File: BF077231.D

Acq: 9 Feb 2015 18:57

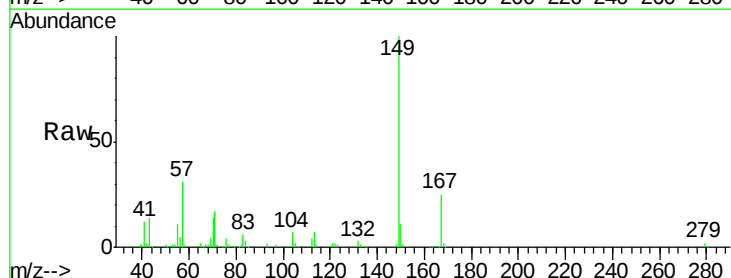
Tgt Ion:149 Resp: 204531

Ion Ratio Lower Upper

149 100

167 25.2 20.6 30.8

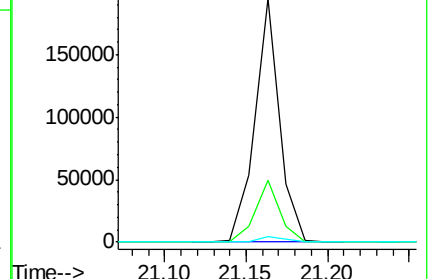
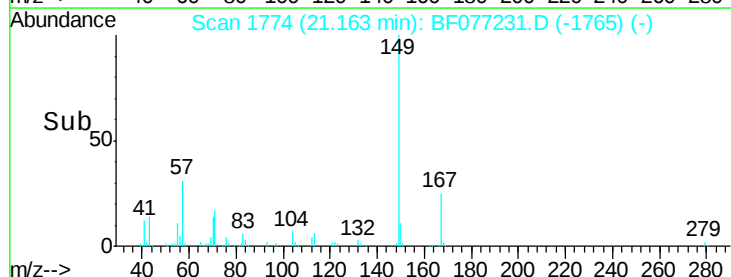
279 2.1 2.2 3.2#

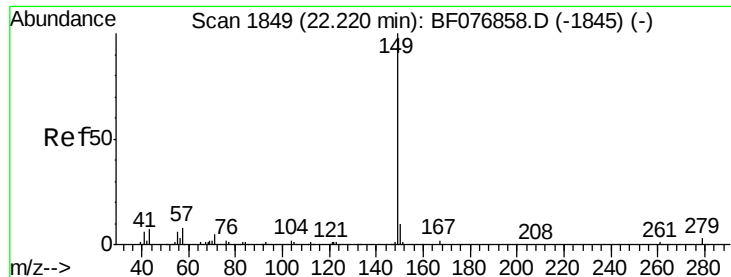


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 42.52 ng

RT: 21.92 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BF077231.D

Acq: 9 Feb 2015 18:57

Instrument :

BNA_F

ClientSampleId :

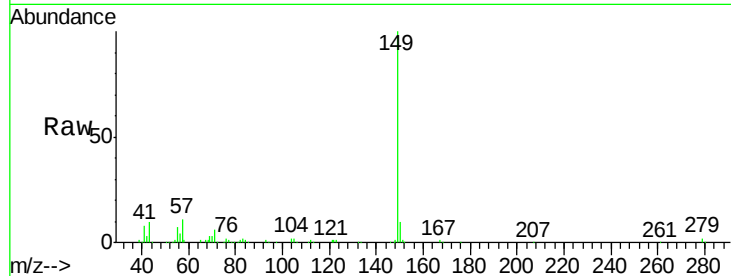
Tot Ion:149 Resp: 346127

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

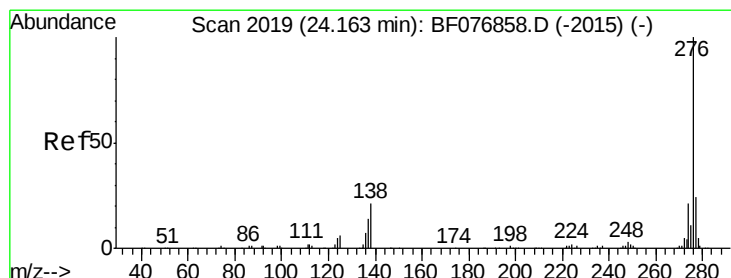
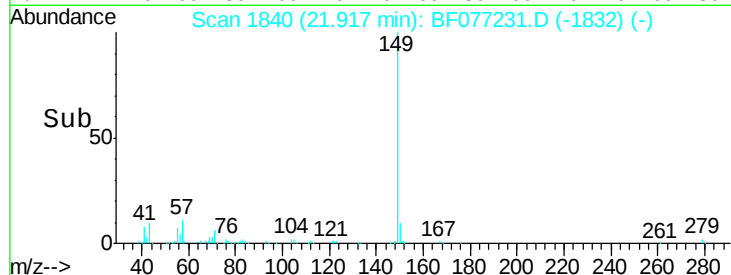
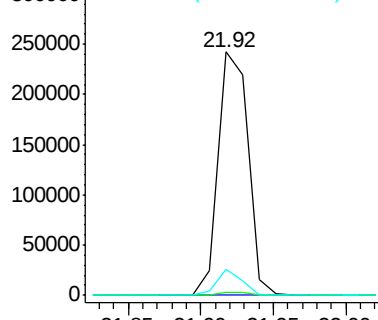
43 8.9 6.6 10.0



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: 35.60 ng

RT: 23.72 min Scan# 1998

Delta R.T. -0.03 min

Lab File: BF077231.D

Acq: 9 Feb 2015 18:57

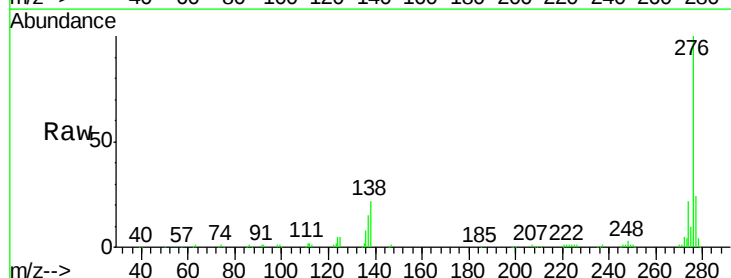
Tgt Ion:276 Resp: 235759

Ion Ratio Lower Upper

276 100

138 26.7 14.6 22.0#

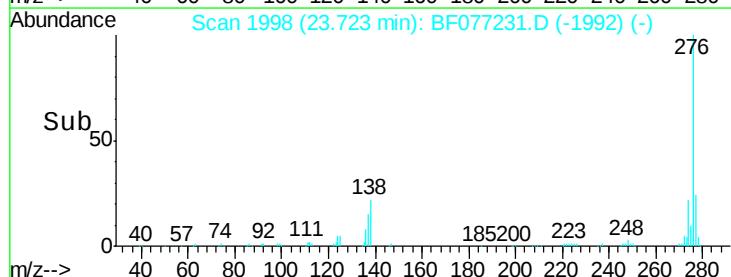
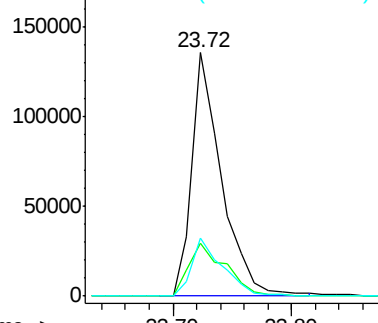
277 25.1 14.8 22.2#



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

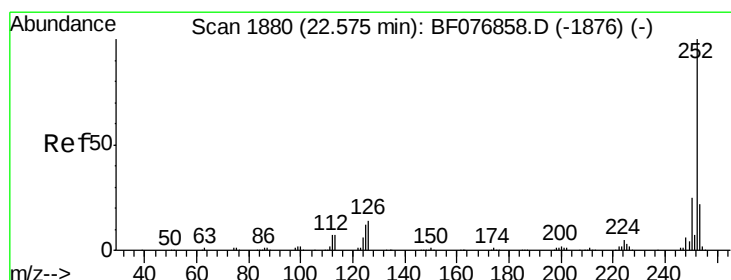
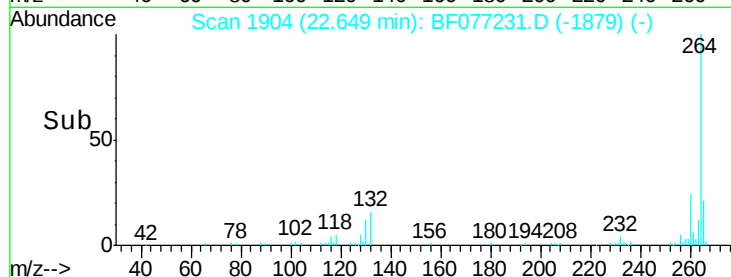
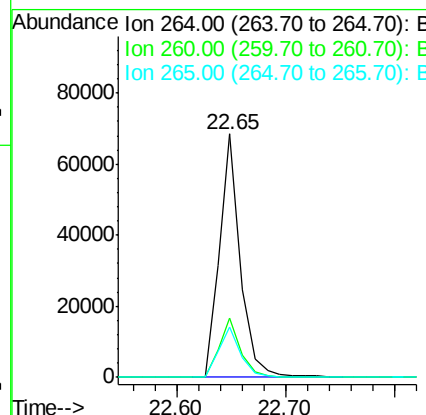
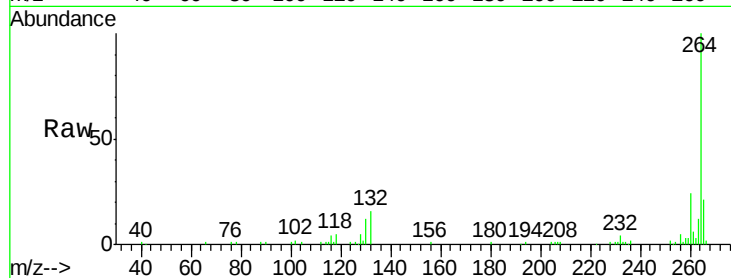




#86
Pervlene-d12
Concen: 20.00 ng
RT: 22.65 min Scan# 1904
Delta R.T. -0.01 min
Lab File: BF077231.D
Acq: 9 Feb 2015 18:57

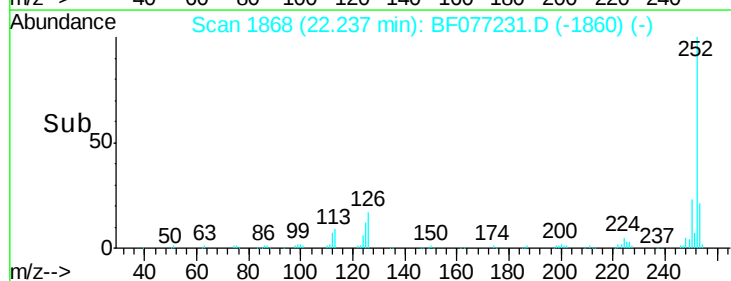
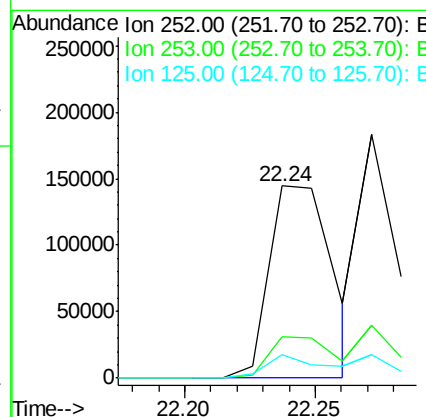
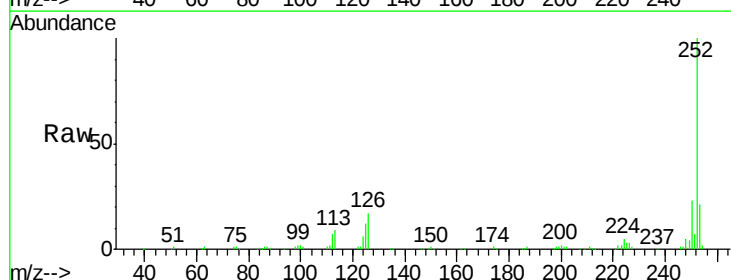
Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 91777
Ion Ratio Lower Upper
264 100
260 24.2 19.0 28.4
265 20.6 18.1 27.1



#87
Benzo(b)fluoranthene
Concen: 39.09 ng
RT: 22.24 min Scan# 1868
Delta R.T. -0.01 min
Lab File: BF077231.D
Acq: 9 Feb 2015 18:57

Tgt Ion:252 Resp: 241615
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 11.9 9.4 14.0

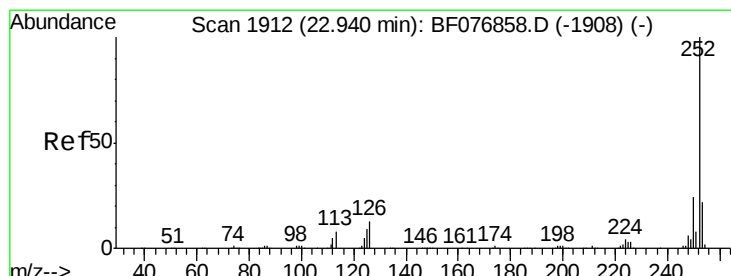
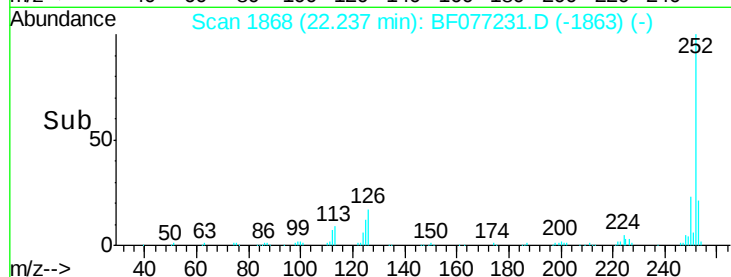
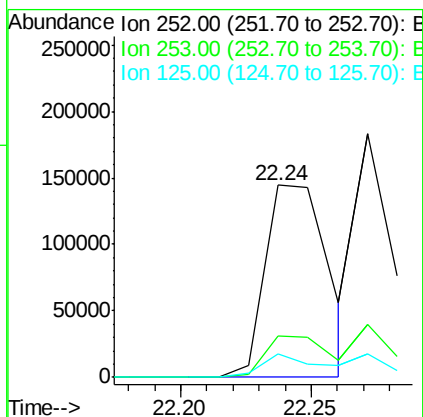
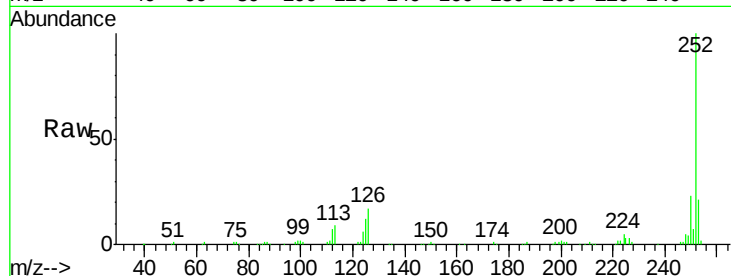




#88
Benzo(k)fluoranthene
Concen: 44.74 ng
RT: 22.24 min Scan# 1868
Delta R.T. -0.05 min
Lab File: BF077231.D
Acq: 9 Feb 2015 18:57

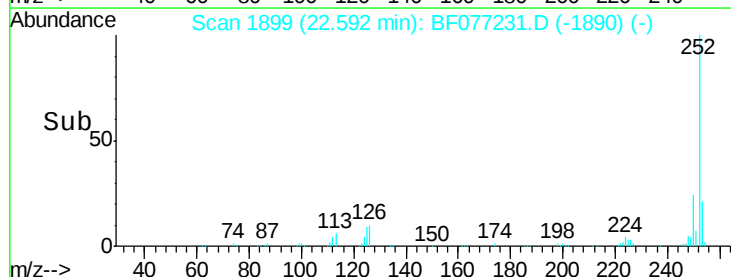
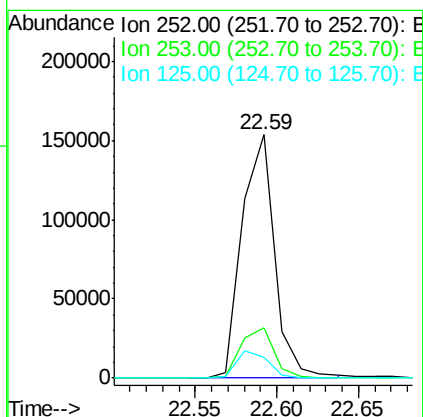
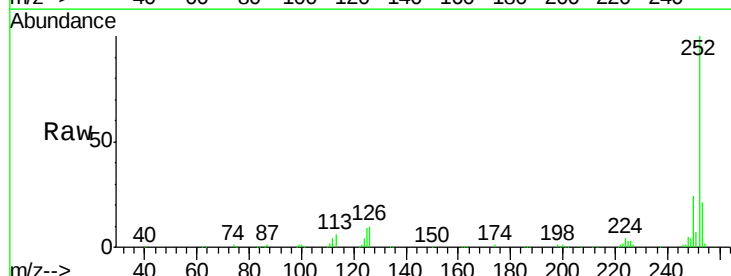
Instrument :
BNA_F
ClientSampled :

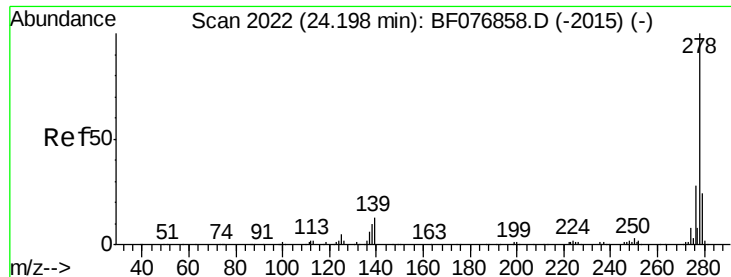
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.2	25.8
125	11.9	7.1	10.7



#89
Benzo(a)pyrene
Concen: 39.13 ng
RT: 22.59 min Scan# 1899
Delta R.T. -0.00 min
Lab File: BF077231.D
Acq: 9 Feb 2015 18:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.9	26.9
125	8.6	7.2	10.8

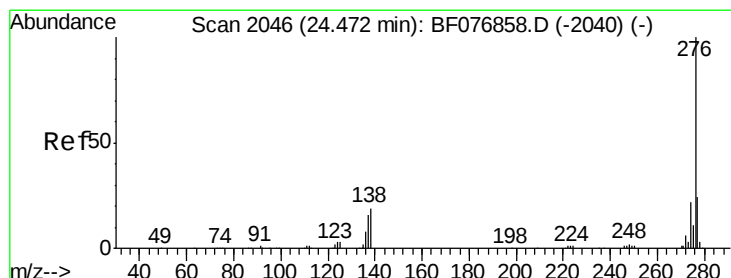
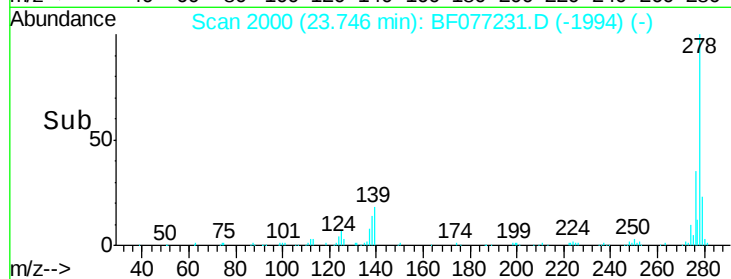
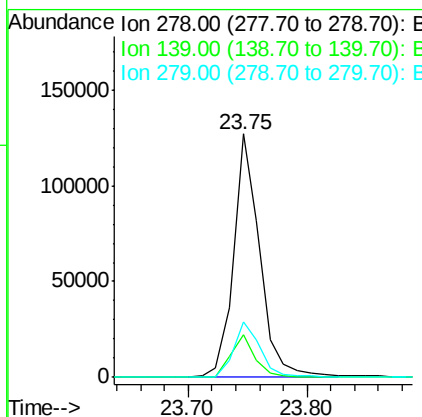
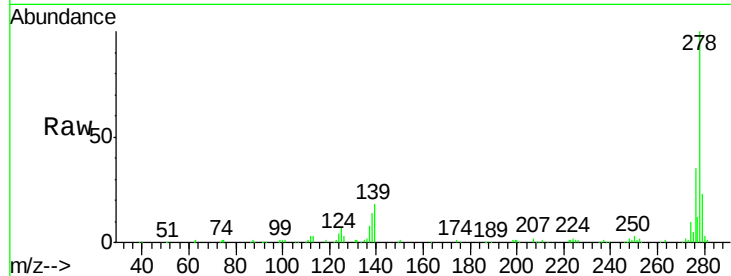




#90
Dibenzo(a,h)anthracene
Concen: 39.09 ng
RT: 23.75 min Scan# 2000
Delta R.T. -0.03 min
Lab File: BF077231.D
Acq: 9 Feb 2015 18:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 195539
Ion Ratio Lower Upper
278 100
139 17.6 10.5 15.7#
279 22.5 19.3 28.9



#91
Benzo(g,h,i)perylene
Concen: 37.87 ng
RT: 23.99 min Scan# 2021
Delta R.T. -0.03 min
Lab File: BF077231.D
Acq: 9 Feb 2015 18:57

Tgt Ion:276 Resp: 188368
Ion Ratio Lower Upper
276 100
277 23.6 19.5 29.3
138 20.5 15.0 22.6

