

Data Path : Z:\HPCHEM1\BNA F\Data\BF012915\
 Data File : BF077129.D
 Acq On : 29 Jan 2015 18:12
 Operator : TP/IZ
 Sample : PB81560BS
 Misc : S
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 01:32:19 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 30 01:18:33 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	28381	20.00	ng	0.00
21) Naphthalene-d8	10.60	136	121433	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	66343	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	113418	20.00	ng	0.00
75) Chrysene-d12	21.08	240	109907	20.00	ng	0.00
86) Perylene-d12	22.71	264	99330	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	4.71	112	167833	97.23	ng	0.01
7) Phenol-d6	7.10	99	206327	94.75	ng	0.00
23) Nitrobenzene-d5	8.98	82	129587	59.12	ng	-0.01
41) 2,4,6-Tribromophenol	16.45	330	48419	89.91	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	263828	60.52	ng	0.00
78) Terphenyl-d14	19.81	244	271019	56.77	ng	0.00

Target Compounds

						Qvalue
3) Pyridine	1.57	79	47673	24.93	ng	95
4) n-Nitrosodimethylamine	1.52	42	28205	29.77	ng	96
6) Aniline	6.97	93	45245	15.01	ng	99
8) 2-Chlorophenol	7.21	128	61114	30.71	ng	95
9) Benzaldehyde	6.70	77	7950	5.06	ng	96
10) Phenol	7.13	94	71460	30.90	ng	93
11) bis(2-Chloroethyl)ether	7.24	93	56358	31.15	ng	# 76
12) 1,3-Dichlorobenzene	7.53	146	68301	30.17	ng	95
13) 1,4-Dichlorobenzene	7.73	146	65209	27.16	ng	97
14) 1,2-Dichlorobenzene	8.04	146	64823	29.30	ng	98
15) Benzyl Alcohol	8.13	79	54655	31.02	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.48	45	72497	29.81	ng	99
17) 2-Methylphenol	8.48	107	48319	29.71	ng	93
18) Hexachloroethane	8.78	117	25181	30.15	ng	97
19) n-Nitroso-di-n-propylamine	8.77	70	43650	28.64	ng	96
20) 3+4-Methylphenols	8.87	107	60092	27.91	ng	96
22) Acetophenone	8.68	105	92714	31.17	ng	99
24) Nitrobenzene	9.03	77	67498	30.23	ng	97
25) Isophorone	9.64	82	117430	29.42	ng	# 95
26) 2-Nitrophenol	9.77	139	31207	28.05	ng	# 91
27) 2,4-Dimethylphenol	10.06	122	54741	31.70	ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	70665	31.15	ng	95
29) 2,4-Dichlorophenol	10.38	162	49789	30.94	ng	97
30) 1,2,4-Trichlorobenzene	10.50	180	53177	29.75	ng	98
31) Naphthalene	10.64	128	176469	28.23	ng	98
32) Benzoic acid	10.44	122	16587	17.34	ng	96
33) 4-Chloroaniline	10.89	127	42216	16.71	ng	96
34) Hexachlorobutadiene	11.01	225	29428	27.75	ng	96
35) Caprolactam	11.73	113	14194	29.96	ng	93
36) 4-Chloro-3-methylphenol	12.21	107	55957	30.37	ng	100
37) 2-Methylnaphthalene	12.30	142	125536	29.40	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.70	216	50521	30.80	ng	97
40) Hexachlorocyclopentadiene	12.69	237	46316	54.03	ng	95
42) 2,4,6-Trichlorophenol	13.05	196	35231	29.48	ng	94

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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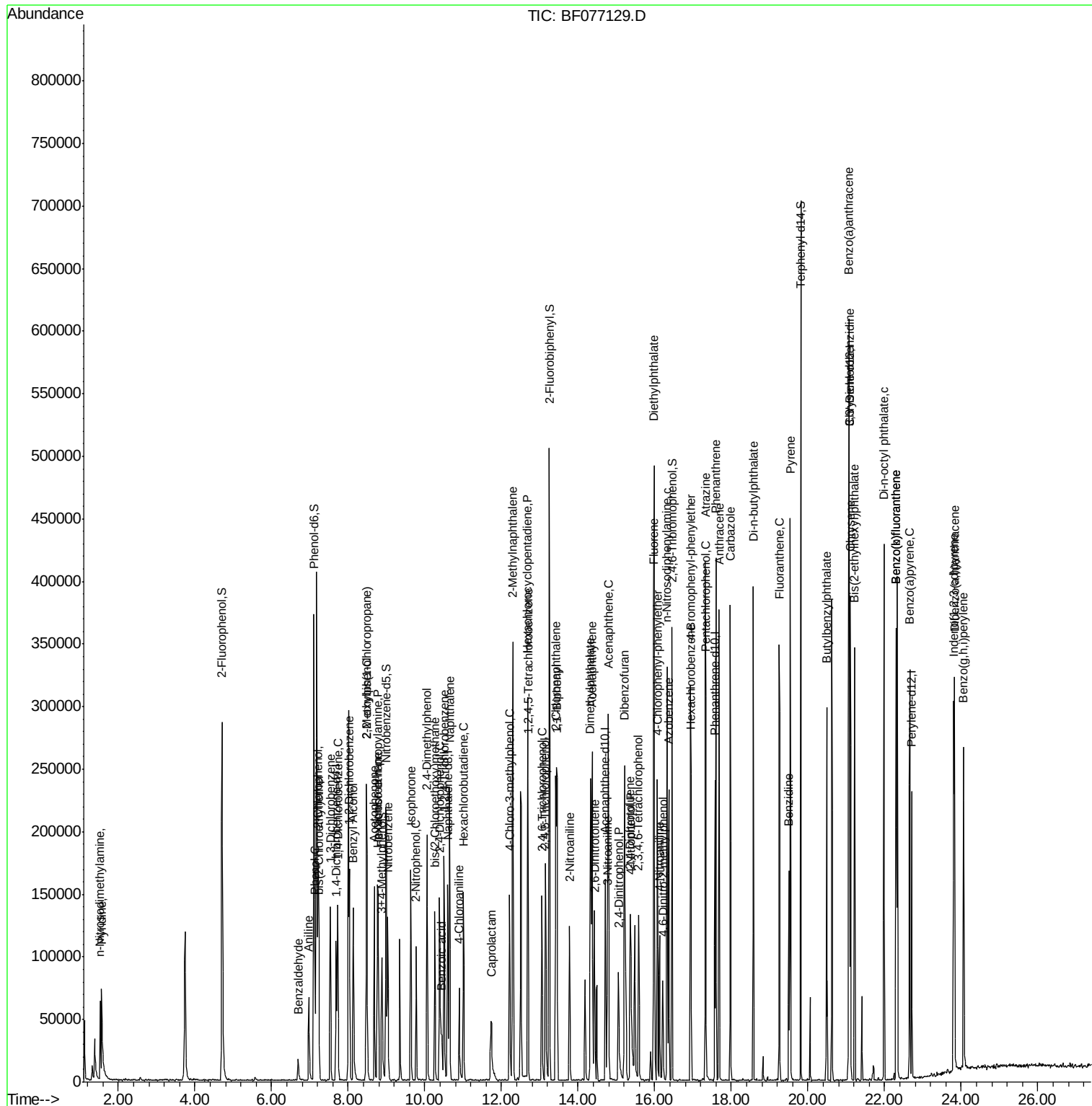
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.15	196	36227	29.72	nq	# 91
45) 1,1'-Biphenyl	13.45	154	148242	30.14	nq	98
46) 2-Chloronaphthalene	13.42	162	119086	29.42	nq	98
47) 2-Nitroaniline	13.77	65	39528	32.19	nq	85
48) Acenaphthylene	14.37	152	193760	28.38	nq	100
49) Dimethylphthalate	14.32	163	141686	30.11	nq	99
50) 2,6-Dinitrotoluene	14.43	165	29368	31.24	nq	97
51) Acenaphthene	14.79	154	108586	28.03	nq	96
52) 3-Nitroaniline	14.77	138	22694	19.60	nq	95
53) 2,4-Dinitrophenol	15.05	184	22753	55.75	nq	88
54) Dibenzofuran	15.21	168	168708	29.90	nq	99
55) 4-Nitrophenol	15.37	139	39973	54.20	nq	99
56) 2,4-Dinitrotoluene	15.35	165	40216	29.39	nq	# 85
57) Fluorene	15.97	166	141192	29.54	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.58	232	28385	31.98	nq	# 96
59) Diethylphthalate	15.98	149	146094	30.72	nq	99
60) 4-Chlorophenyl-phenylether	16.07	204	59322	30.33	nq	94
61) 4-Nitroaniline	16.13	138	27676	24.09	nq	97
62) Azobenzene	16.37	77	149407	30.16	nq	98
64) 4,6-Dinitro-2-methylphenol	16.21	198	17628	25.82	nq	90
65) n-Nitrosodiphenylamine	16.32	169	113832	28.15	nq	97
66) 4-Bromophenyl-phenylether	16.94	248	34277	29.83	nq	91
67) Hexachlorobenzene	16.95	284	36004	29.73	nq	98
68) Atrazine	17.32	200	41572	33.88	nq	95
69) Pentachlorophenol	17.33	266	33609	62.19	nq	95
70) Phenanthrene	17.60	178	198773	28.10	nq	99
71) Anthracene	17.68	178	206504	29.94	nq	99
72) Carbazole	17.97	167	195329	29.20	nq	98
73) Di-n-butylphthalate	18.57	149	234985	30.35	nq	99
74) Fluoranthene	19.25	202	213463	29.45	nq	97
76) Benzidine	19.50	184	81150	23.07	nq	95
77) Pyrene	19.53	202	217034	28.81	nq	99
79) Butylbenzylphthalate	20.48	149	106937	31.35	nq	97
80) Benzo(a)anthracene	21.07	228	211510	30.67	nq	99
81) 3,3'-Dichlorobenzidine	21.08	252	45995	20.99	nq	98
82) Chrysene	21.10	228	181987	28.94	nq	98
83) Bis(2-ethylhexyl)phthalate	21.21	149	145981	30.93	nq	# 94
84) Di-n-octyl phthalate	21.98	149	261014	31.86	nq	99
85) Indeno(1,2,3-cd)pyrene	23.80	276	198611	29.80	nq	# 84
87) Benzo(b)fluoranthene	22.30	252	212021	31.69	nq	99
88) Benzo(k)fluoranthene	22.30	252	212021	36.27	nq	98
89) Benzo(a)pyrene	22.65	252	178337	30.22	nq	98
90) Dibenzo(a,h)anthracene	23.82	278	161450	29.82	nq	# 94
91) Benzo(q,h,i)perylene	24.06	276	163422	30.36	nq	# 92

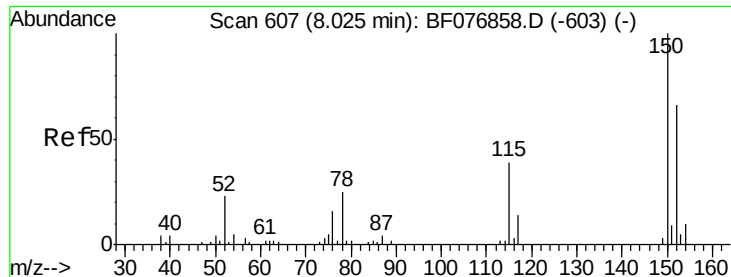
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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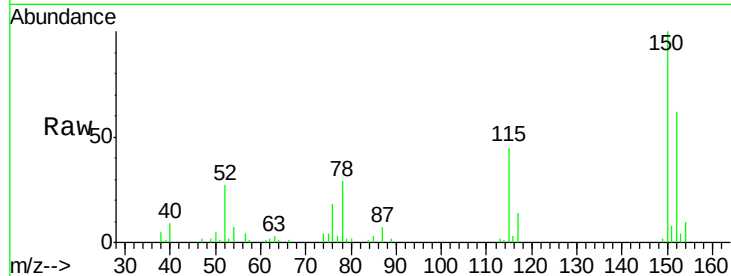


#1

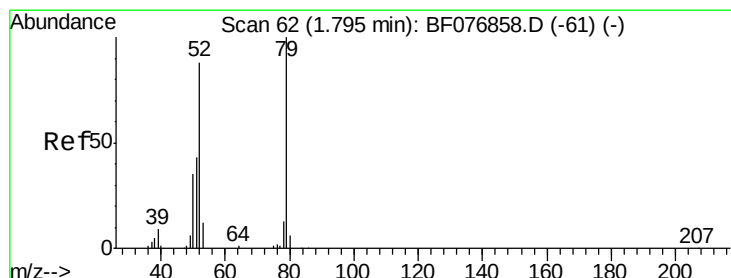
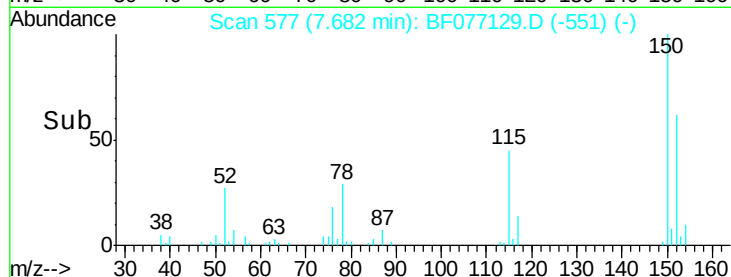
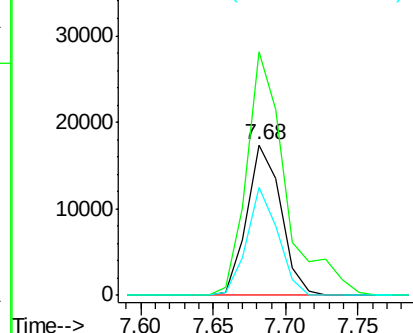
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.68 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF077129.D
Acq: 29 Jan 2015 18:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 28381
Ion Ratio Lower Upper
152 100
150 161.6 121.7 182.5
115 72.0 47.0 70.6#



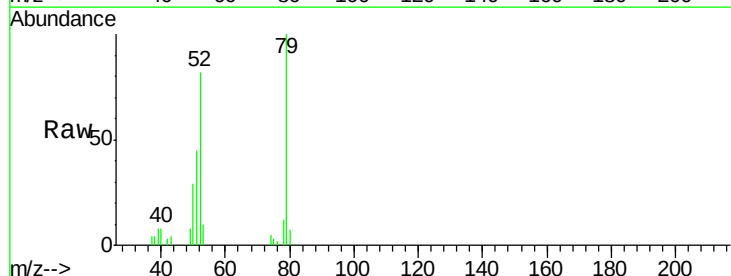
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



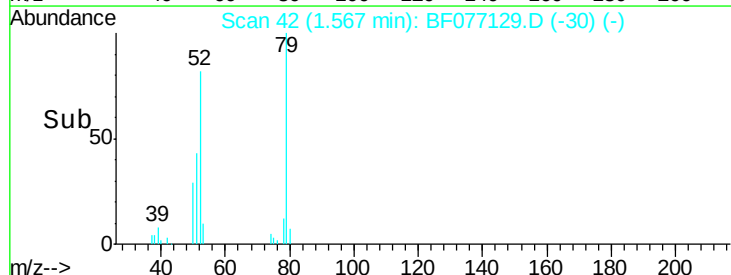
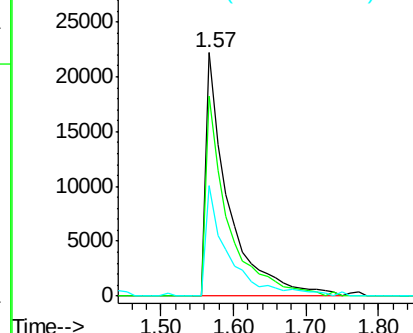
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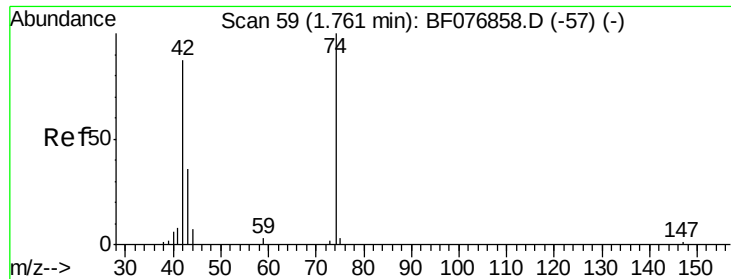
Pyridine
Concen: 24.93 ng
RT: 1.57 min Scan# 42
Delta R.T. 0.03 min
Lab File: BF077129.D
Acq: 29 Jan 2015 18:12

Tgt Ion: 79 Resp: 47673
Ion Ratio Lower Upper
79 100
52 82.4 70.1 105.1
51 45.4 35.1 52.7



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



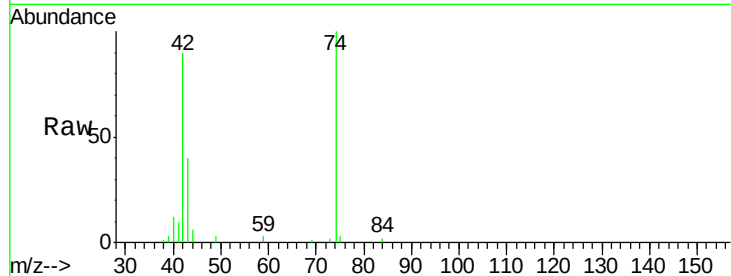


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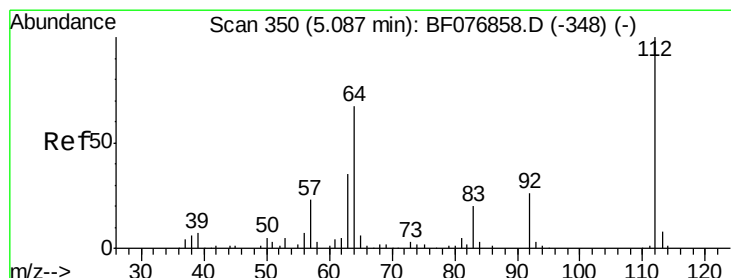
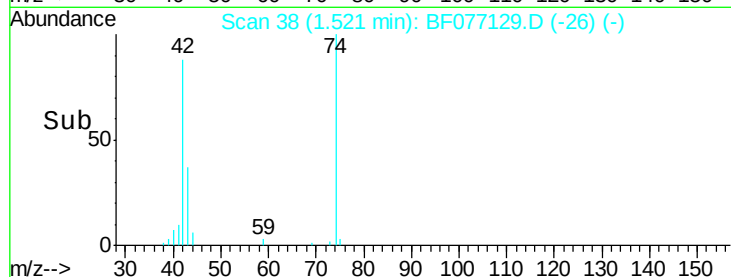
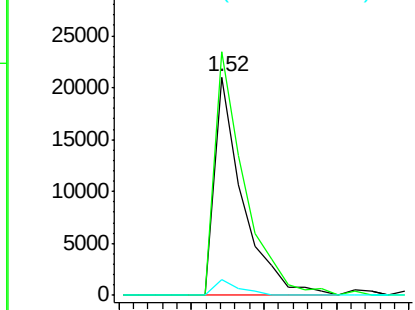
n-Nitrosodimethylamine
 Concen: 29.77 ng
 RT: 1.52 min Scan# 38
 Delta R.T. 0.03 min
 Lab File: BF077129.D
 Acq: 29 Jan 2015 18:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 42 Resp: 28205
 Ion Ratio Lower Upper
 42 100
 74 111.5 92.4 138.6
 44 7.1 6.2 9.2



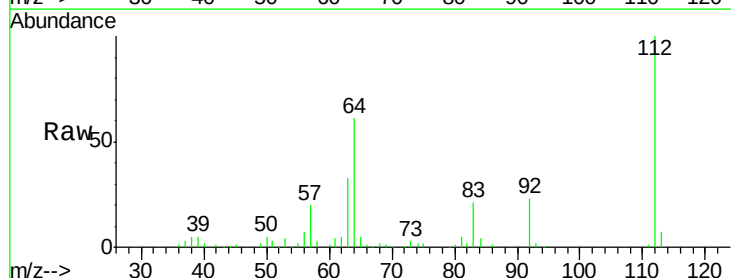
Abundance Ion 42.00 (41.70 to 42.70): BF0
 Ion 74.00 (73.70 to 74.70): BF0
 Ion 44.00 (43.70 to 44.70): BF0



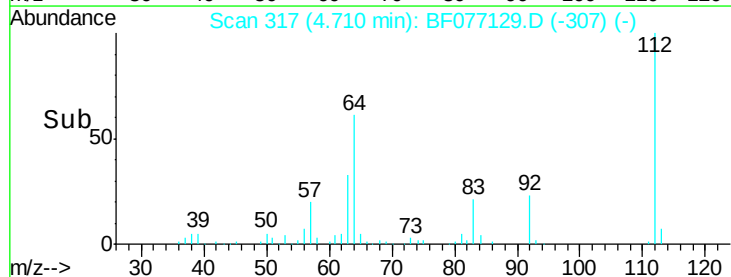
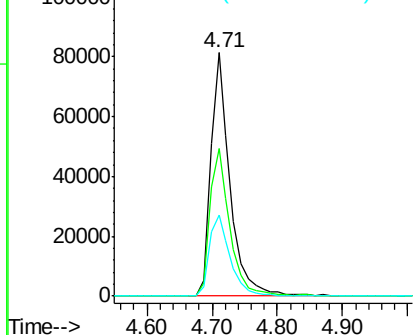
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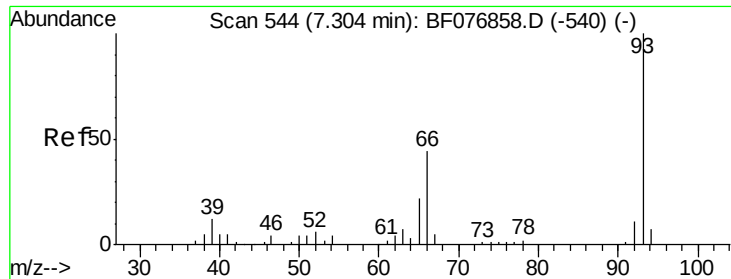
2-Fluorophenol
 Concen: 97.23 ng
 RT: 4.71 min Scan# 317
 Delta R.T. 0.01 min
 Lab File: BF077129.D
 Acq: 29 Jan 2015 18:12

Tgt Ion: 112 Resp: 167833
 Ion Ratio Lower Upper
 112 100
 64 60.7 54.2 81.4
 63 33.3 28.4 42.6



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 15.01 ng

RT: 6.97 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF077129.D

Acq: 29 Jan 2015 18:12

Instrument :

BNA_F

ClientSampleId :

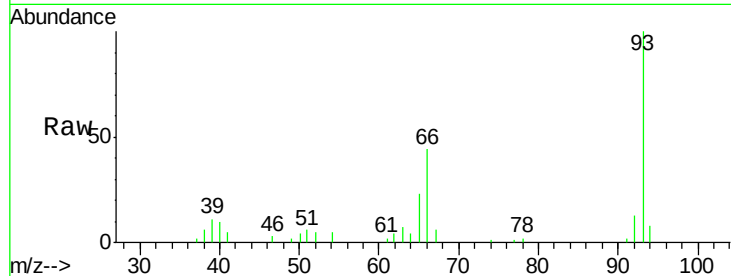
Tot Ion: 93 Resp: 45245

Ion Ratio Lower Upper

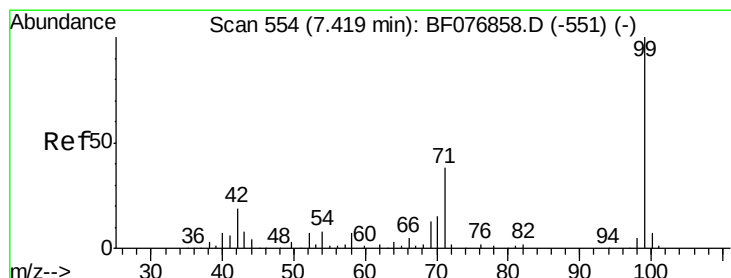
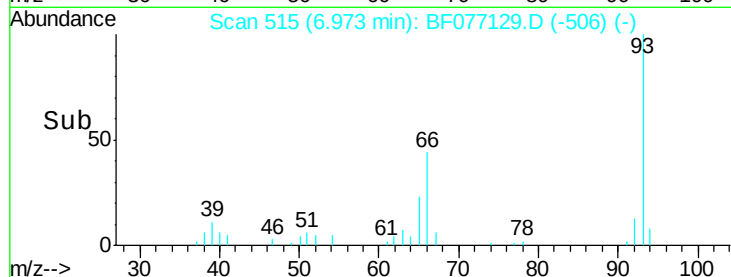
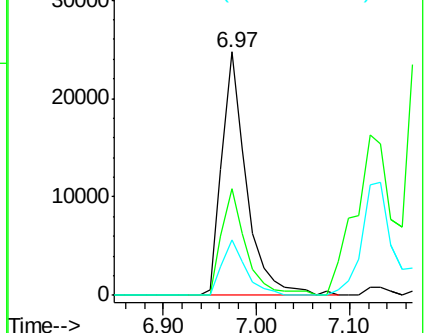
93 100

66 43.8 35.0 52.4

65 22.8 17.7 26.5



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 94.75 ng

RT: 7.10 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF077129.D

Acq: 29 Jan 2015 18:12

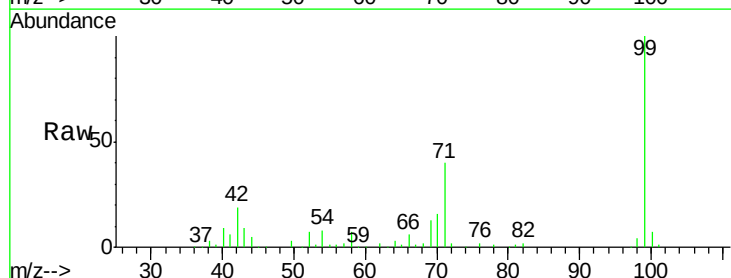
Tgt Ion: 99 Resp: 206327

Ion Ratio Lower Upper

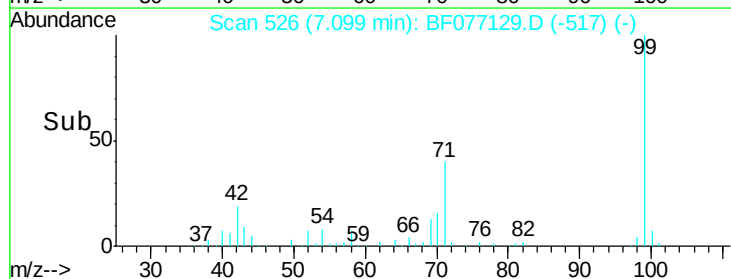
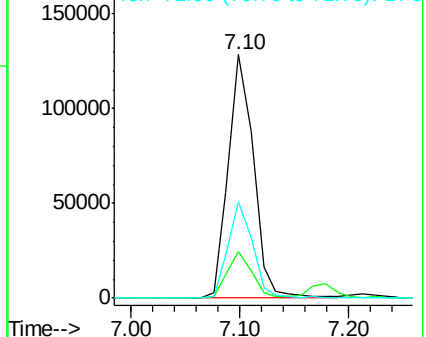
99 100

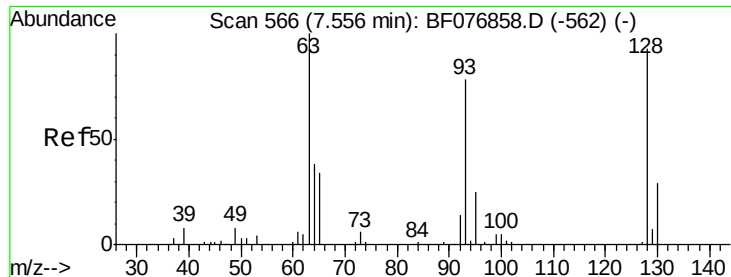
42 19.1 15.0 22.4

71 39.6 30.5 45.7



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





#8

2-Chlorophenol

Concen: 30.71 ng

RT: 7.21 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF077129.D

Acq: 29 Jan 2015 18:12

Instrument :

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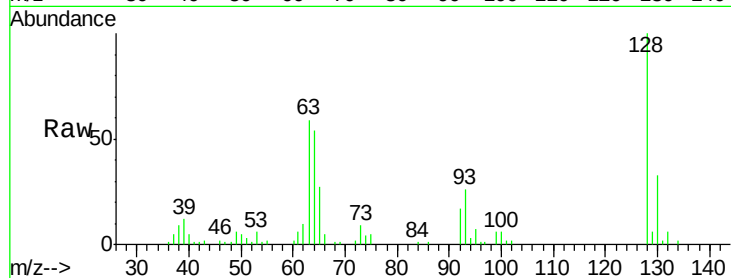
Tot Ion:128 Resp: 61114

Ion Ratio Lower Upper

128 100

130 33.0 11.0 51.0

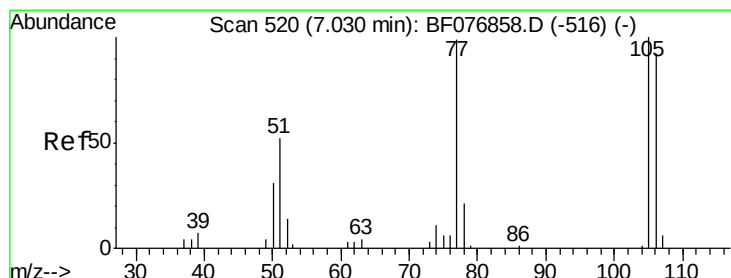
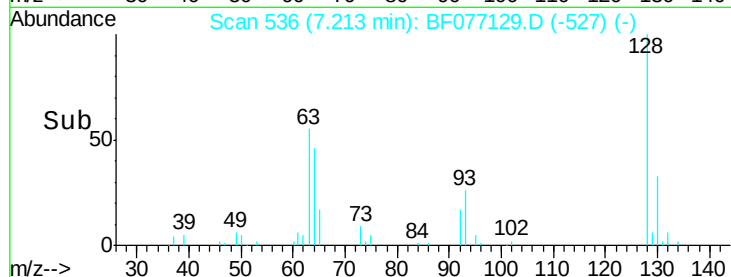
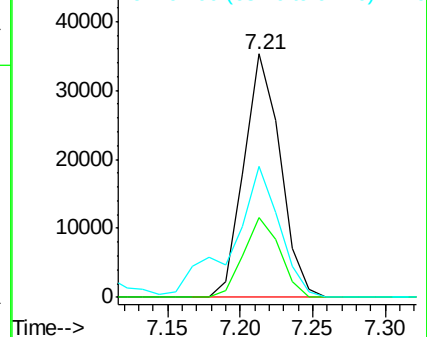
64 53.8 29.3 69.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



#9

Benzaldehyde

Concen: 5.06 ng

RT: 6.70 min Scan# 491

Delta R.T. 0.01 min

Lab File: BF077129.D

Acq: 29 Jan 2015 18:12

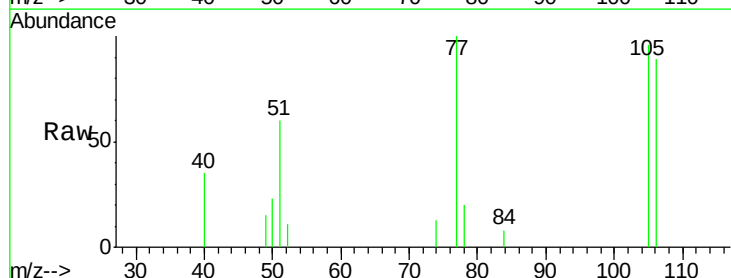
Tgt Ion: 77 Resp: 7950

Ion Ratio Lower Upper

77 100

105 96.3 81.4 121.4

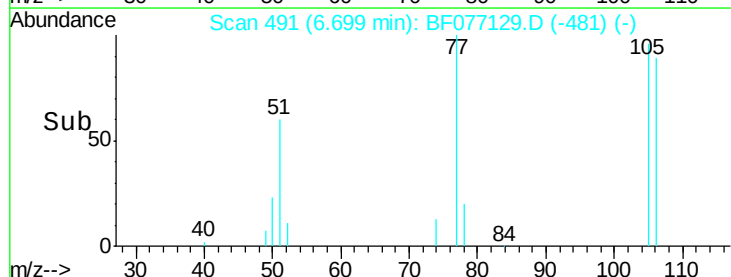
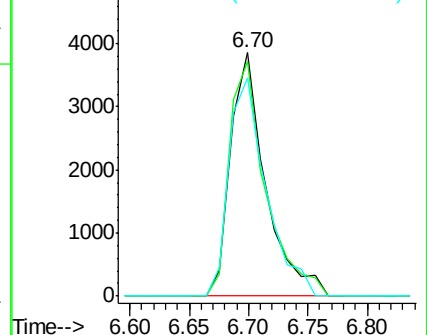
106 89.4 72.8 112.8

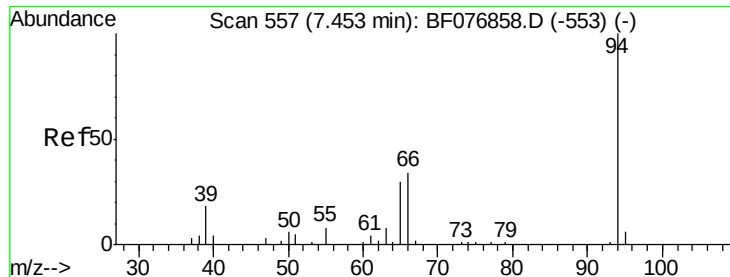


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 30.90 ng

RT: 7.13 min Scan# 529

Delta R.T. -0.00 min

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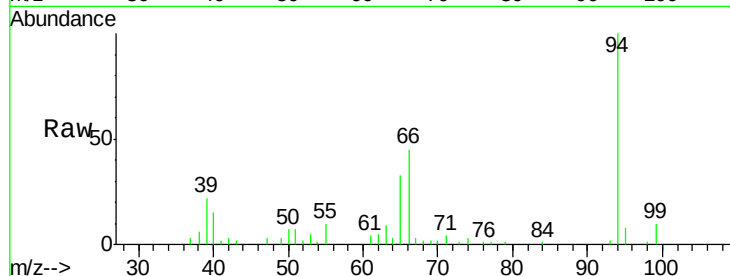
Tot Ion: 94 Resp: 71460

Ion Ratio Lower Upper

94 100

65 33.4 11.3 51.3

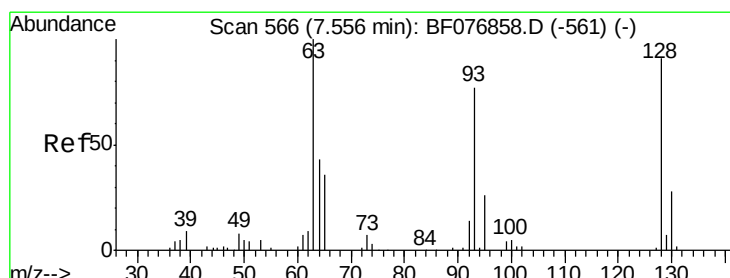
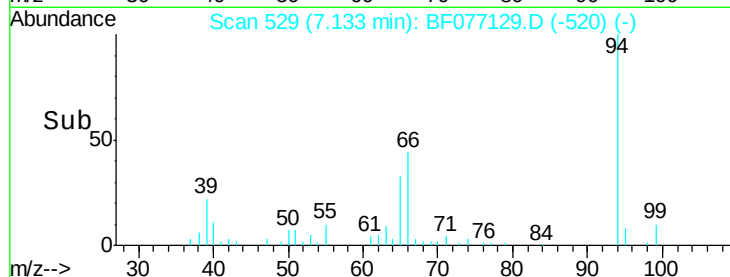
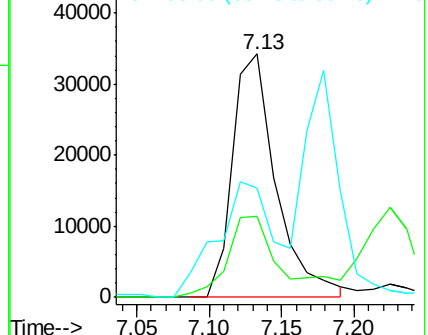
66 44.8 19.5 59.5



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: 31.15 ng

RT: 7.24 min Scan# 538

Delta R.T. 0.01 min

Lab File: BF077129.D

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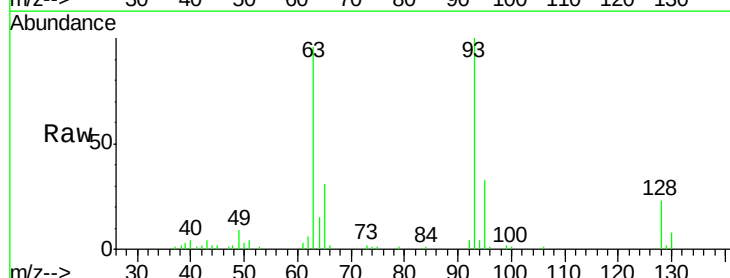
Tgt Ion: 93 Resp: 56358

Ion Ratio Lower Upper

93 100

63 95.5 111.3 151.3#

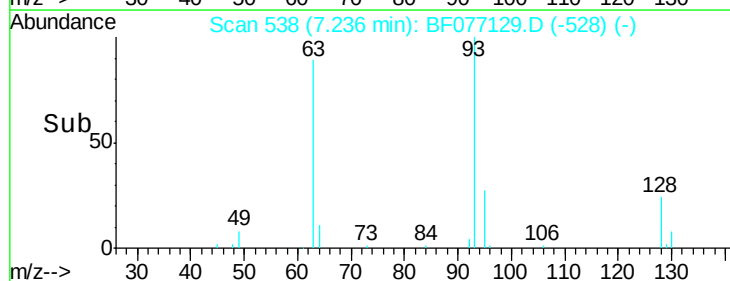
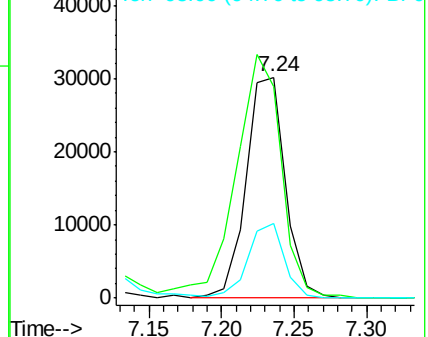
95 33.5 13.8 53.8

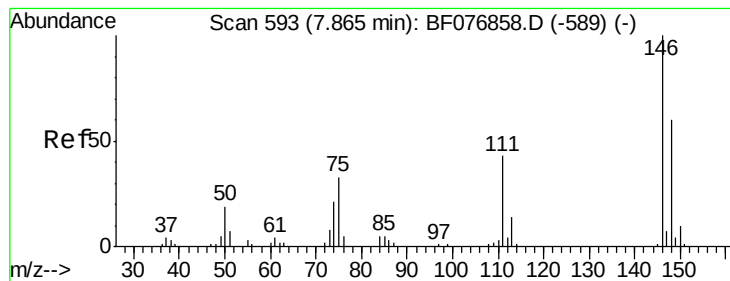


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#12

1,3-Dichlorobenzene

Concen: 30.17 ng

RT: 7.53 min Scan# 564

Delta R.T. 0.01 min

Lab File: BF077129.D

Acq: 29 Jan 2015 18:12

Instrument :

BNA_F

ClientSampled :

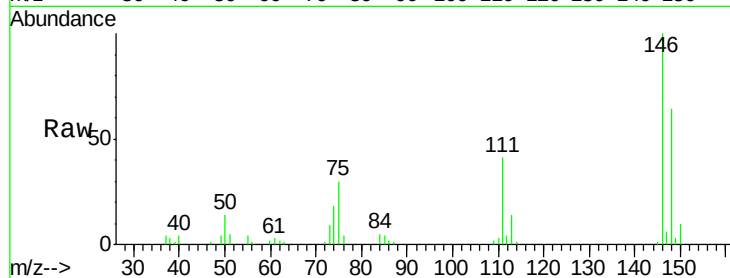
Tot Ion:146 Resp: 68301

Ion Ratio Lower Upper

146 100

148 63.6 48.1 72.1

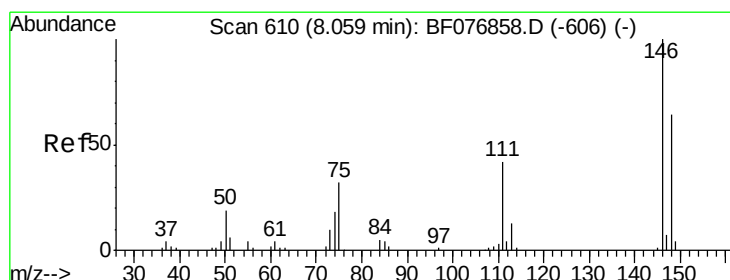
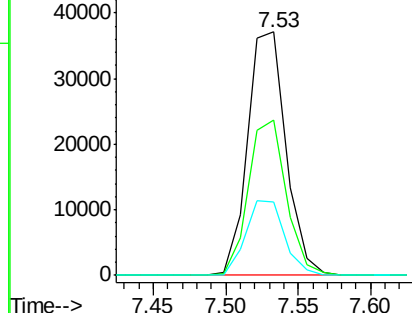
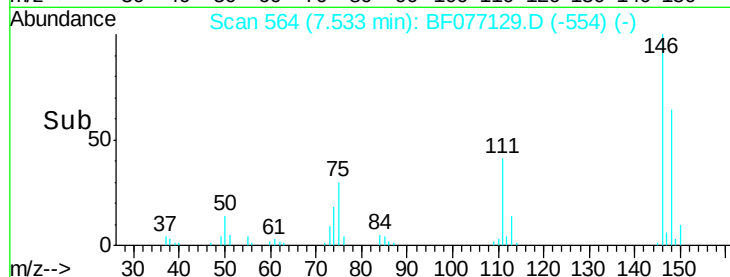
75 30.4 26.8 40.2



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: 27.16 ng

RT: 7.73 min Scan# 581

Delta R.T. 0.01 min

Lab File: BF077129.D

Acq: 29 Jan 2015 18:12

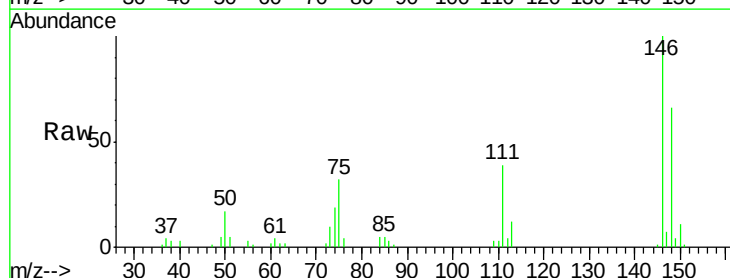
Tgt Ion:146 Resp: 65209

Ion Ratio Lower Upper

146 100

148 65.7 51.5 77.3

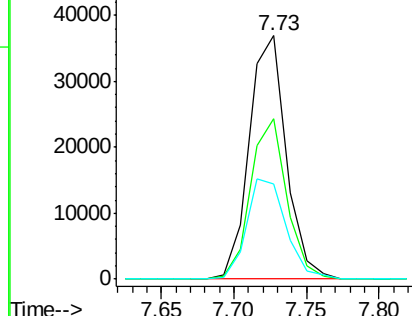
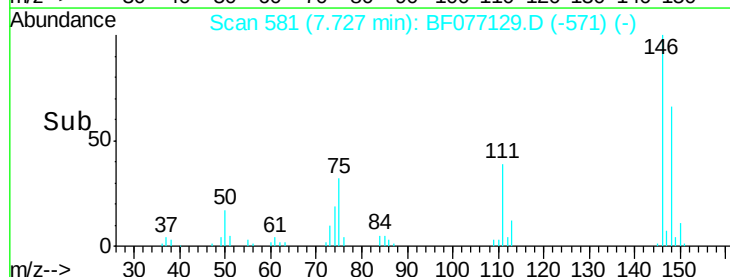
111 39.2 33.9 50.9

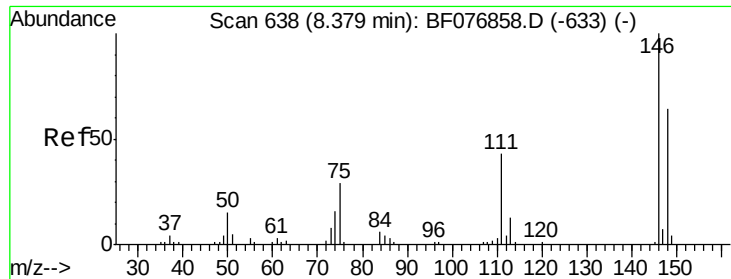


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

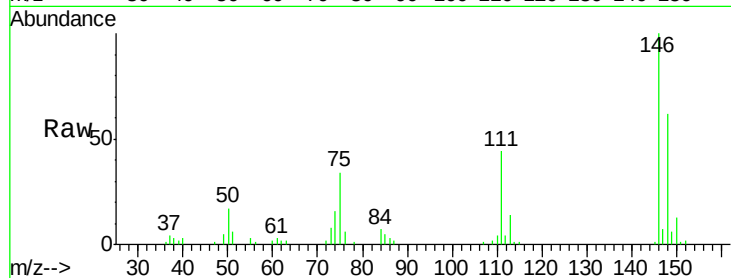




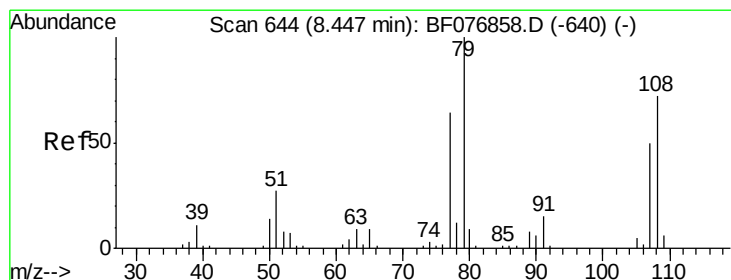
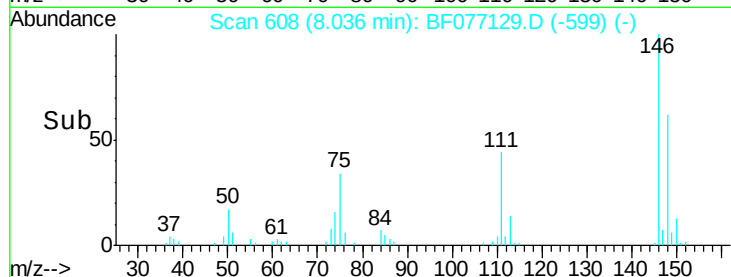
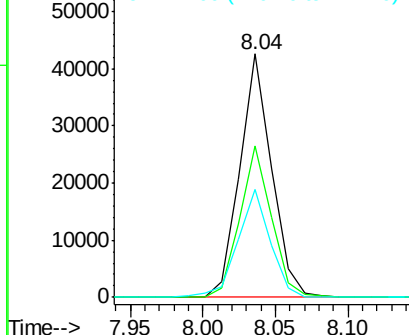
#14
 1,2-Dichlorobenzene
 Concen: 29.30 ng
 RT: 8.04 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF077129.D
 Acq: 29 Jan 2015 18:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 64823
 Ion Ratio Lower Upper
 146 100
 148 62.0 51.3 76.9
 111 44.4 34.5 51.7

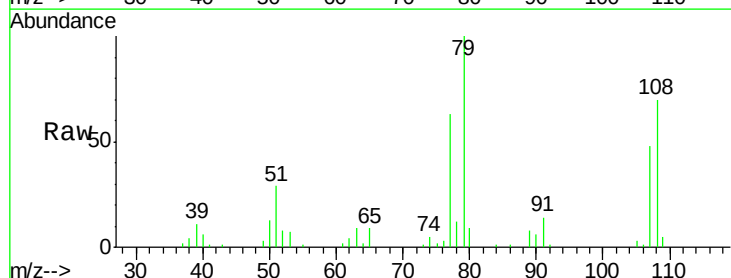


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

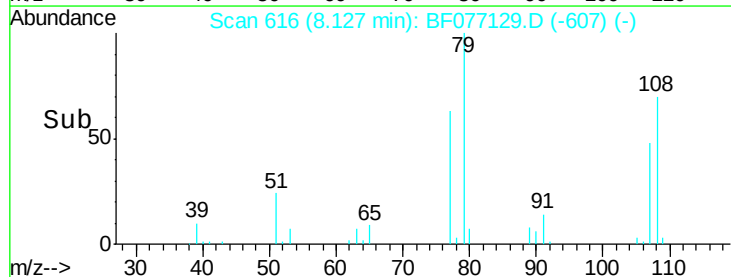
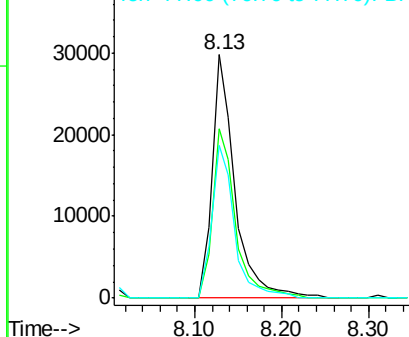


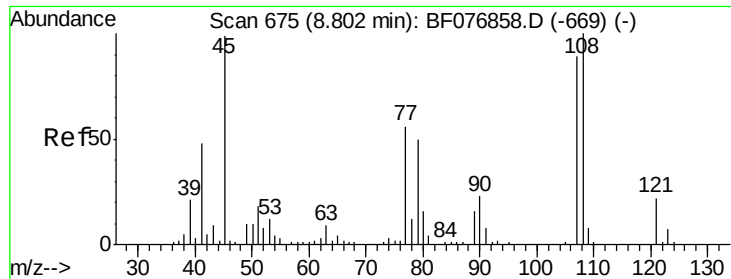
#15
 Benzyl Alcohol
 Concen: 31.02 ng
 RT: 8.13 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF077129.D
 Acq: 29 Jan 2015 18:12

Tgt Ion: 79 Resp: 54655
 Ion Ratio Lower Upper
 79 100
 108 69.6 57.2 85.8
 77 62.8 51.2 76.8



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





#16

2,2'-oxvbis(1-Chloropropane)

Concen: 29.81 ng

RT: 8.48 min Scan# 647

Delta R.T. -0.00 min

Lab File: BF077129.D

Acq: 29 Jan 2015 18:12

Instrument :

BNA_F

ClientSampled :

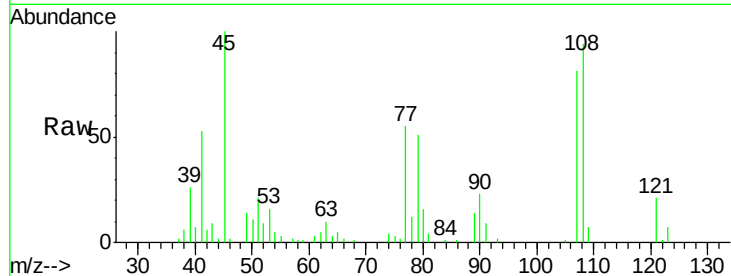
Tot Ion: 45 Resp: 72497

Ion Ratio Lower Upper

45 100

77 54.8 36.1 76.1

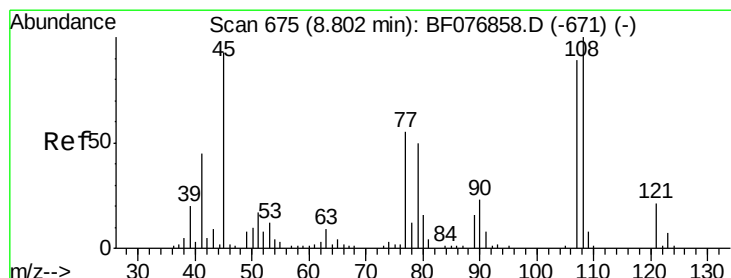
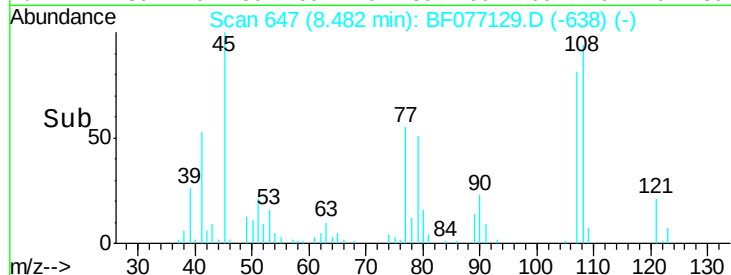
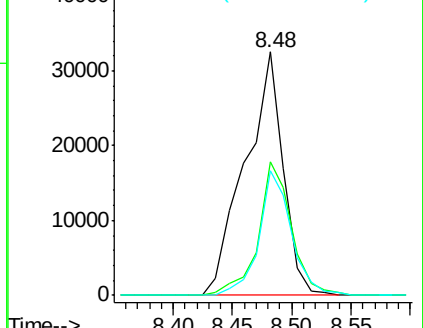
79 51.2 30.5 70.5



Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#17

2-Methylphenol

Concen: 29.71 ng

RT: 8.48 min Scan# 647

Delta R.T. -0.01 min

Lab File: BF077129.D

Acq: 29 Jan 2015 18:12

Tgt Ion:107 Resp: 48319

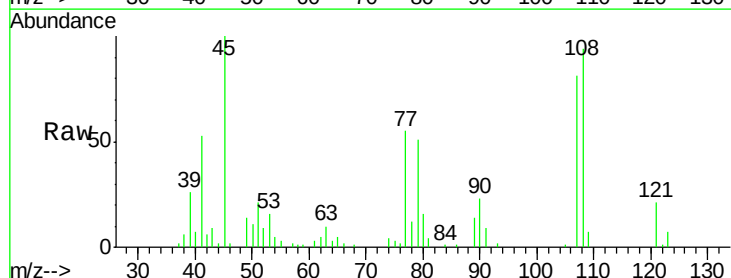
Ion Ratio Lower Upper

107 100

108 117.3 89.7 134.5

77 68.0 50.1 75.1

79 63.7 45.0 67.6

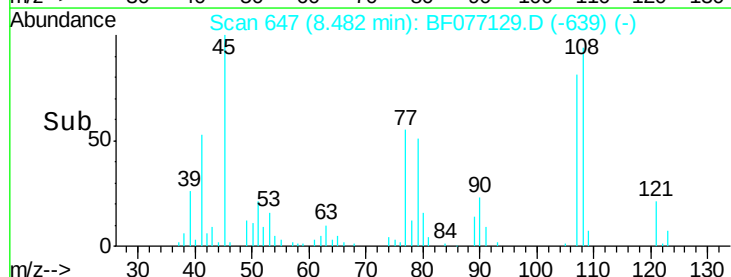
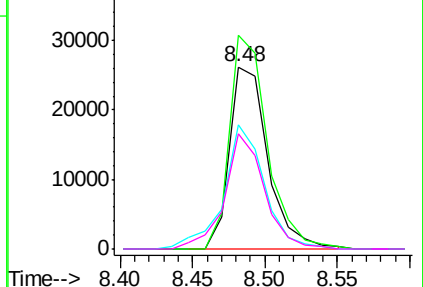


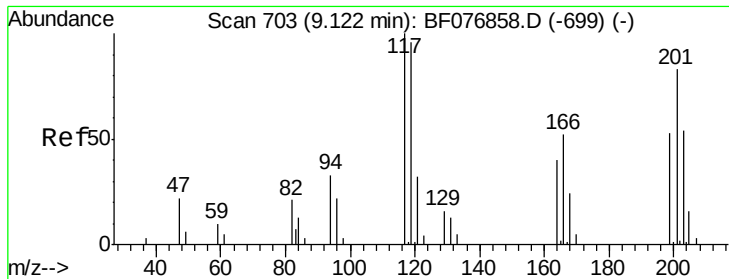
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

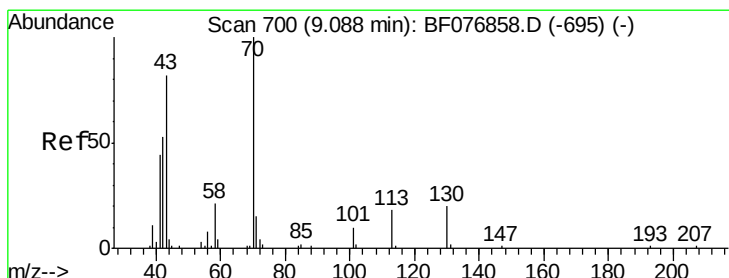
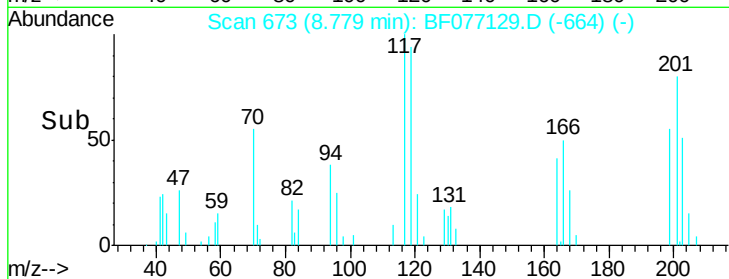
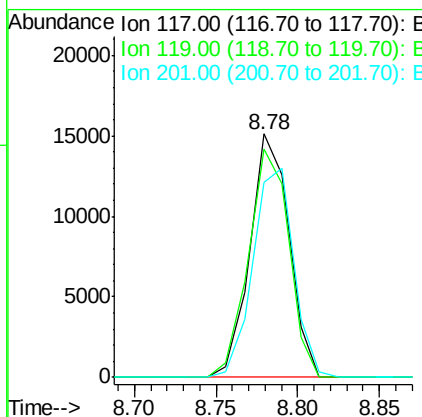
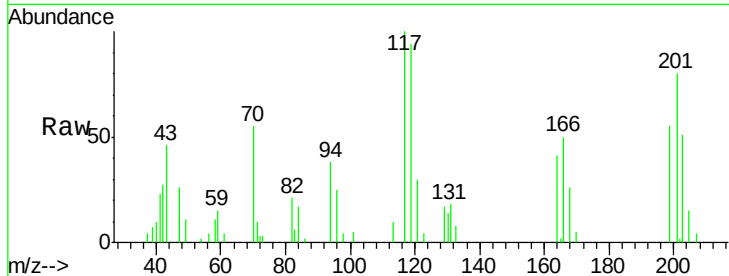




#18
Hexachloroethane
Concen: 30.15 ng
RT: 8.78 min Scan# 673
Delta R.T. -0.00 min
Lab File: BF077129.D
Acq: 29 Jan 2015 18:12

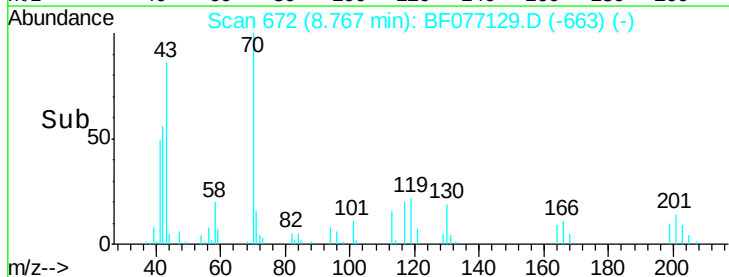
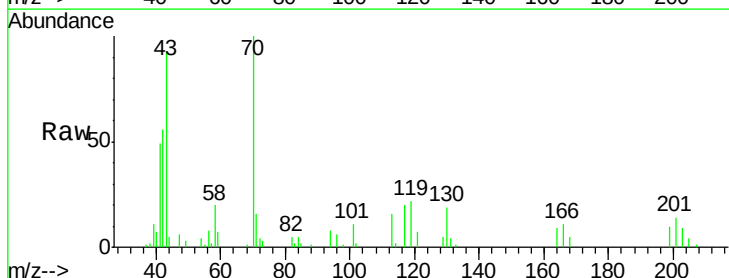
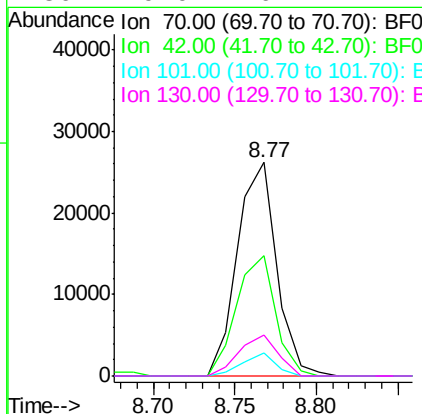
Instrument :
BNA_F
ClientSampleId :

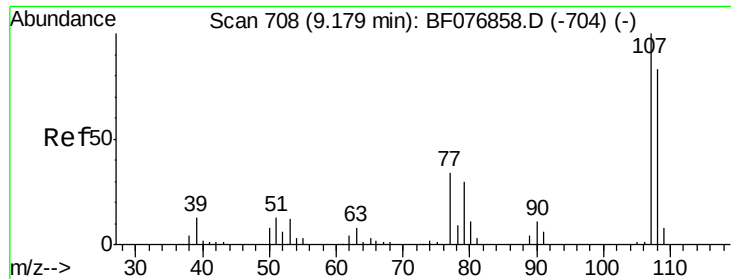
Tot Ion:117 Resp: 25181
Ion Ratio Lower Upper
117 100
119 93.9 77.1 115.7
201 79.9 66.8 100.2



#19
n-Nitroso-di-n-propylamine
Concen: 28.64 ng
RT: 8.77 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF077129.D
Acq: 29 Jan 2015 18:12

Tgt Ion: 70 Resp: 43650
Ion Ratio Lower Upper
70 100
42 56.4 42.1 63.1
101 10.7 7.8 11.8
130 19.0 16.2 24.4

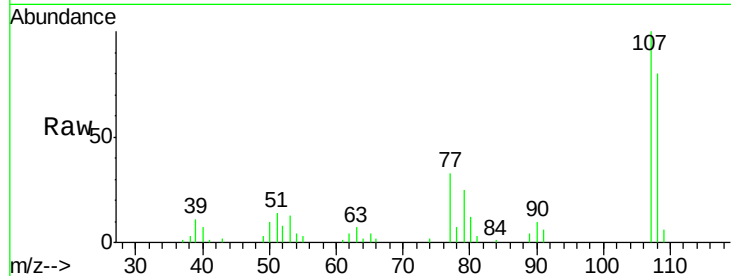




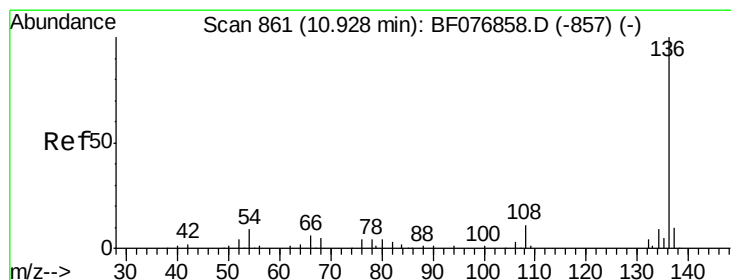
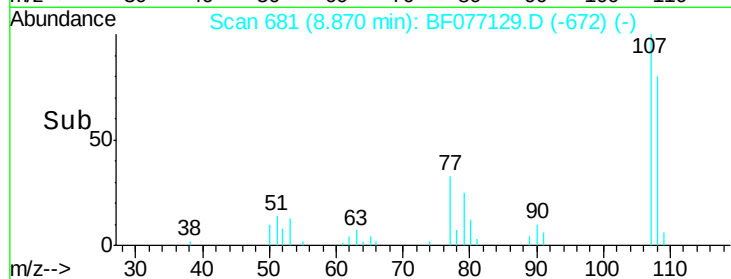
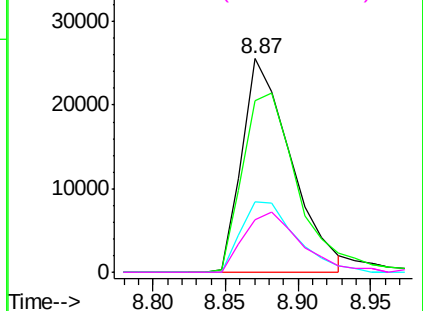
#20
3+4-Methylphenols
Concen: 27.91 ng
RT: 8.87 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF077129.D
Acq: 29 Jan 2015 18:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	60092
Ion	Ratio	Lower	Upper
107	100		
108	80.1	63.5	103.5
77	33.1	14.0	54.0
79	24.8	9.9	49.9

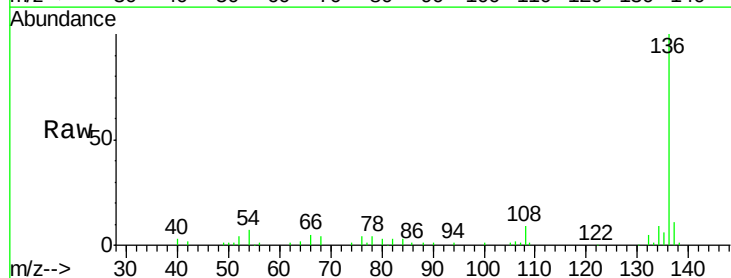


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

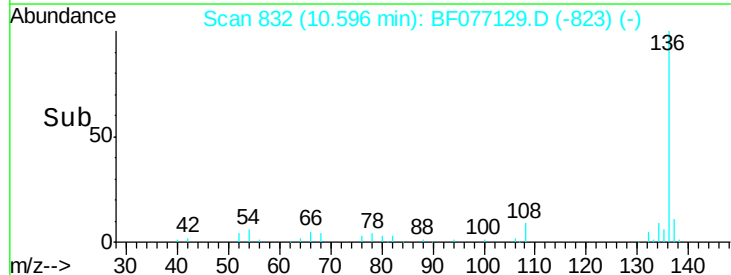
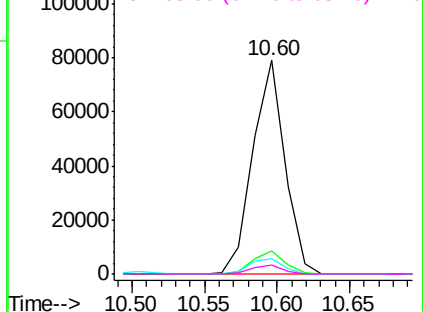


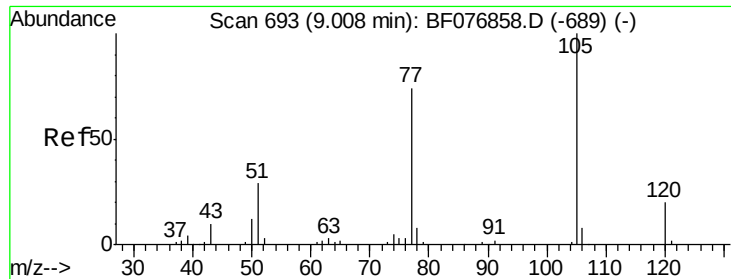
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.60 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF077129.D
Acq: 29 Jan 2015 18:12

Tgt Ion:	136	Resp:	121433
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.1	12.1
54	7.0	7.0	10.4
68	4.3	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

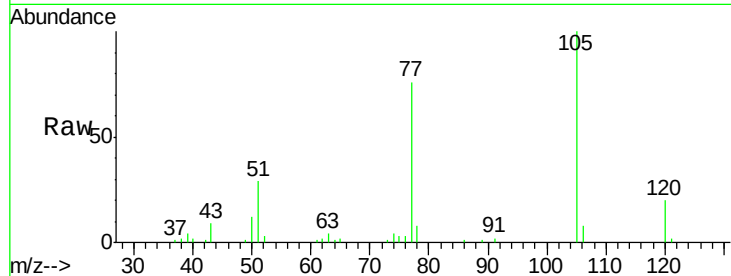




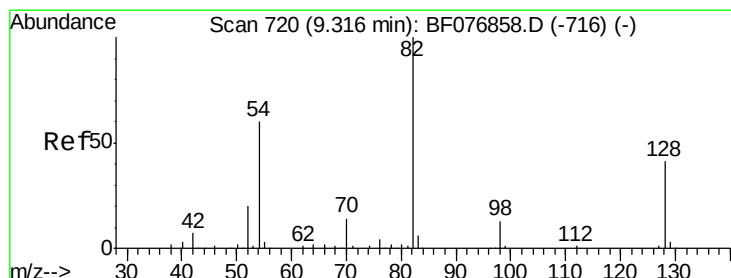
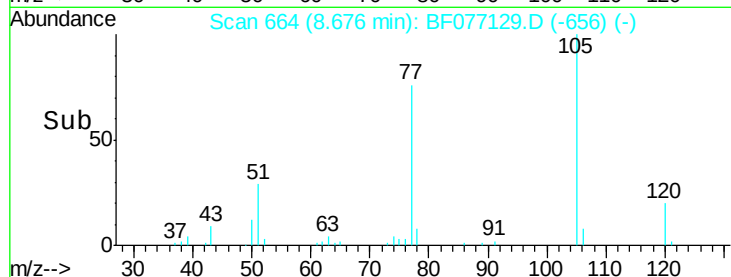
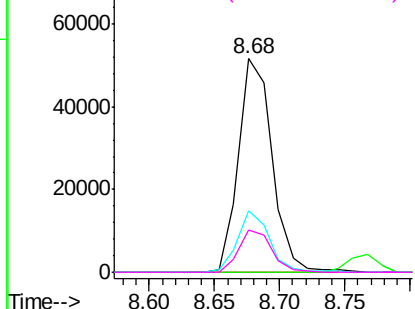
#22
Acetophenone
Concen: 31.17 ng
RT: 8.68 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF077129.D
Acq: 29 Jan 2015 18:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	105	Resp:	92714
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.0	0.0
51	28.6	23.3	34.9
120	20.0	16.1	24.1

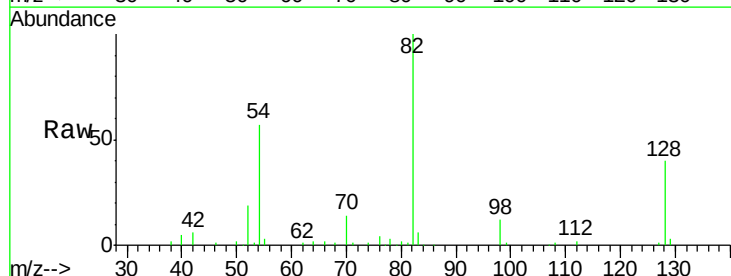


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

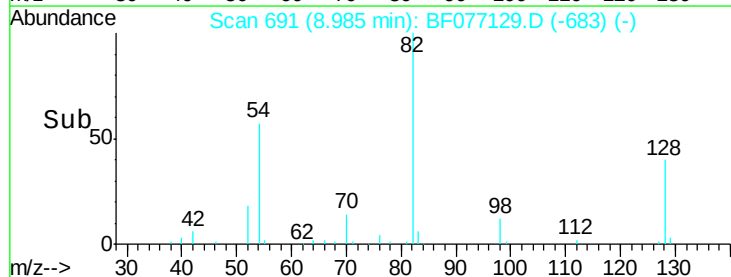
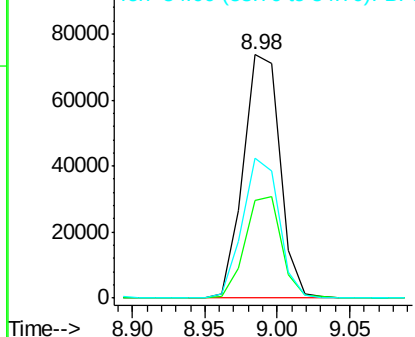


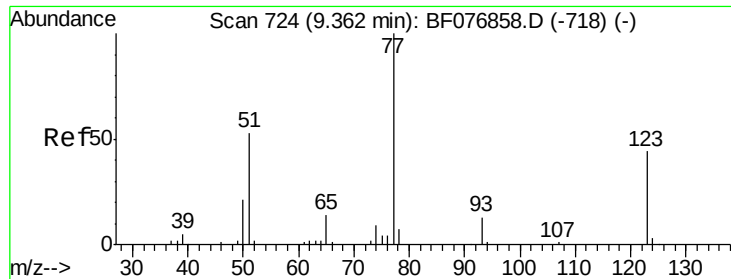
#23
Nitrobenzene-d5
Concen: 59.12 ng
RT: 8.98 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF077129.D
Acq: 29 Jan 2015 18:12

Tgt Ion:	82	Resp:	129587
Ion	Ratio	Lower	Upper
82	100		
128	40.0	33.1	49.7
54	57.4	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

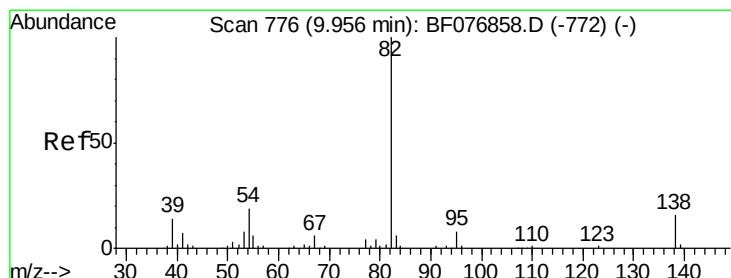
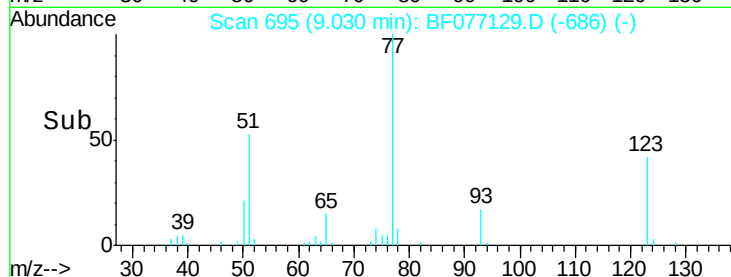
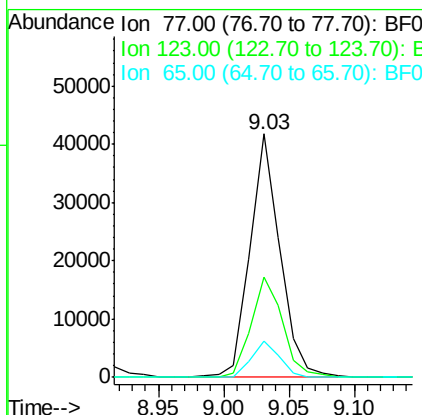
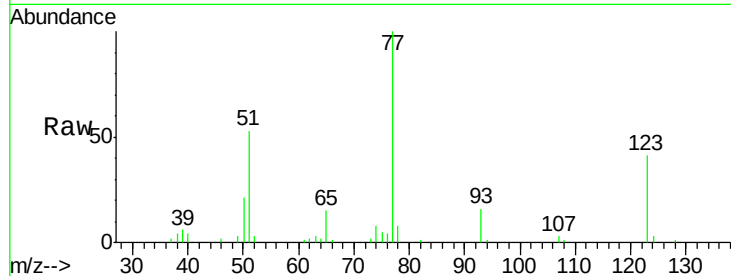




#24
 Nitrobenzene
 Concen: 30.23 ng
 RT: 9.03 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: BF077129.D
 Acq: 29 Jan 2015 18:12

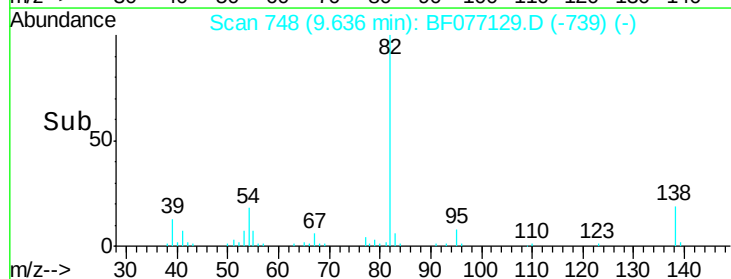
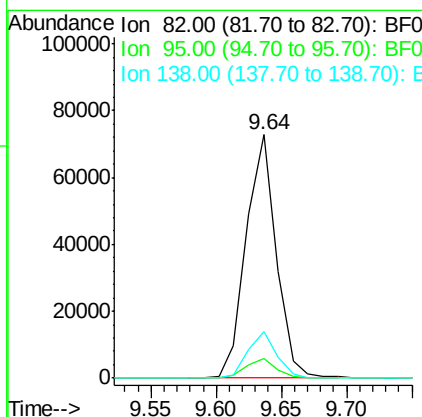
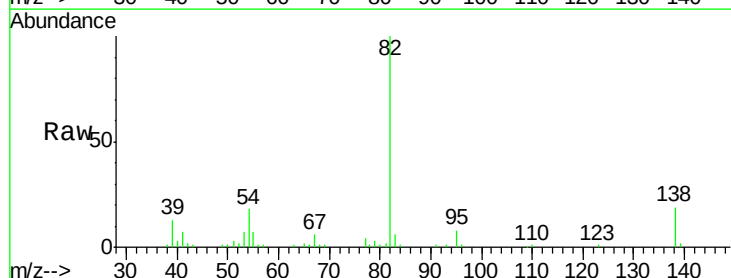
Instrument :
 BNA_F
 ClientSampleId :

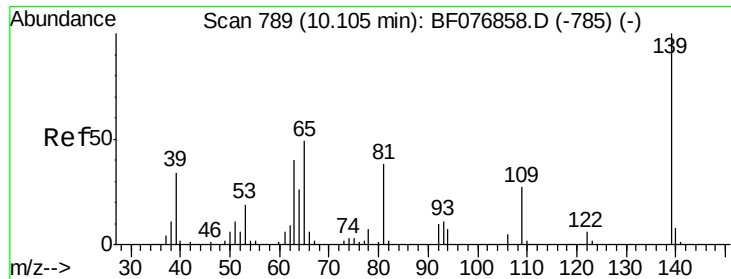
Tot Ion	77	Resp	67498
Ion Ratio	Lower	Upper	
77	100		
123	41.3	35.2	52.8
65	14.7	11.4	17.2



#25
 Isophorone
 Concen: 29.42 ng
 RT: 9.64 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF077129.D
 Acq: 29 Jan 2015 18:12

Tgt Ion	82	Resp	117430
Ion Ratio	Lower	Upper	
82	100		
95	8.1	6.6	10.0
138	19.0	12.6	18.8#

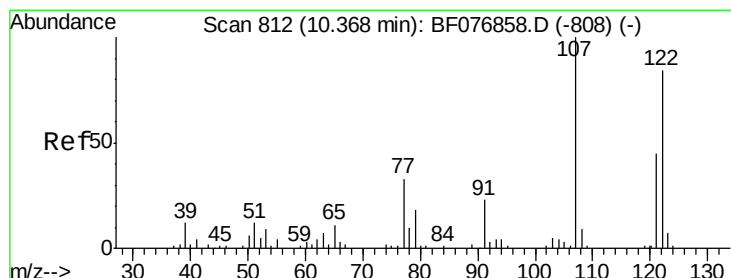
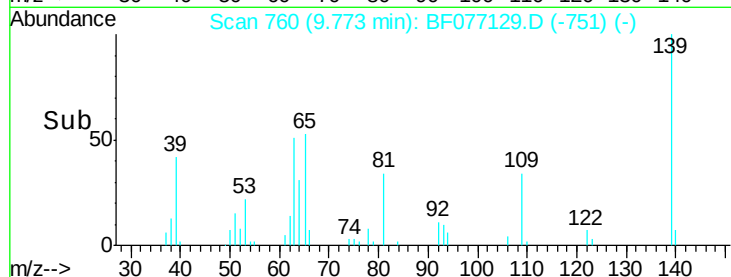
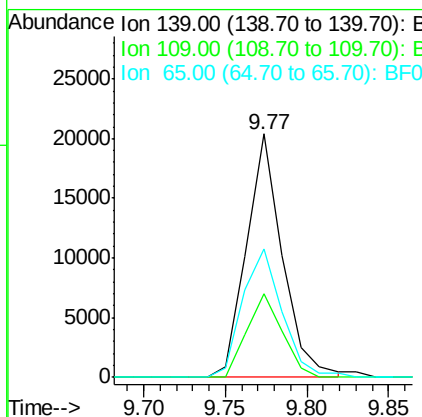
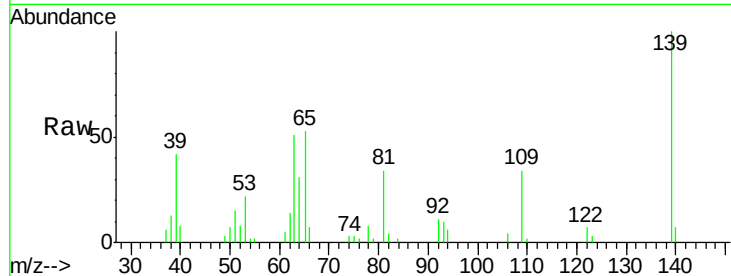




#26
 2-Nitrophenol
 Concen: 28.05 ng
 RT: 9.77 min Scan# 760
 Delta R.T. -0.00 min
 Lab File: BF077129.D
 Acq: 29 Jan 2015 18:12

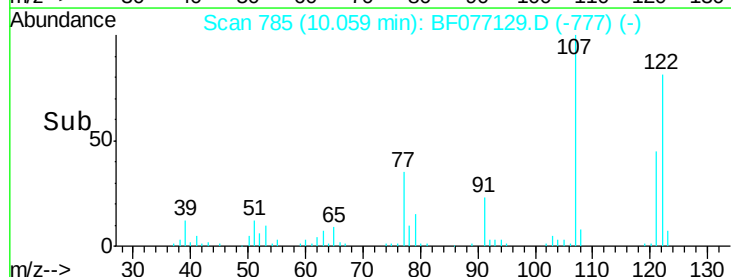
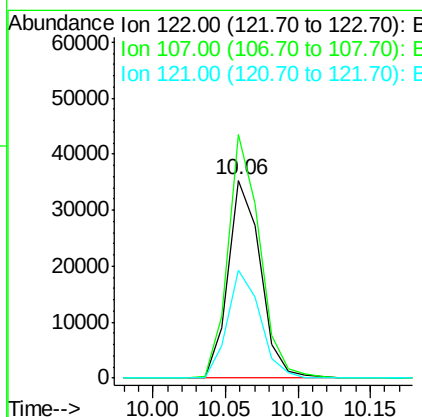
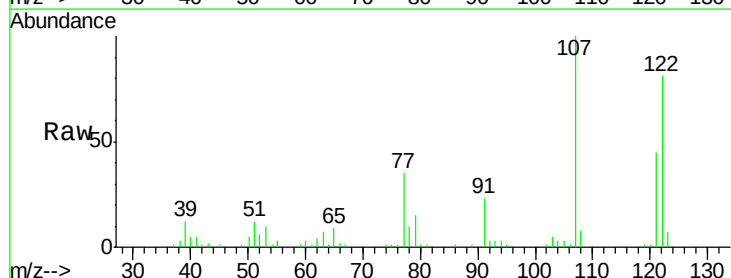
Instrument :
 BNA_F
 ClientSampleId :

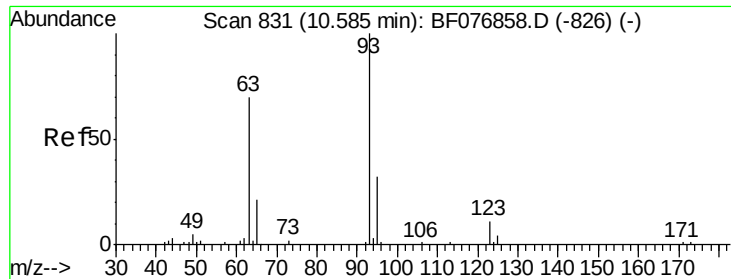
Tot Ion	Ratio	Lower	Upper
139	100		
109	34.2	21.3	31.9#
65	53.0	39.4	59.0



#27
 2,4-Dimethylphenol
 Concen: 31.70 ng
 RT: 10.06 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF077129.D
 Acq: 29 Jan 2015 18:12

Tgt Ion	Ratio	Lower	Upper
122	100		
107	123.1	95.2	142.8
121	54.9	42.9	64.3

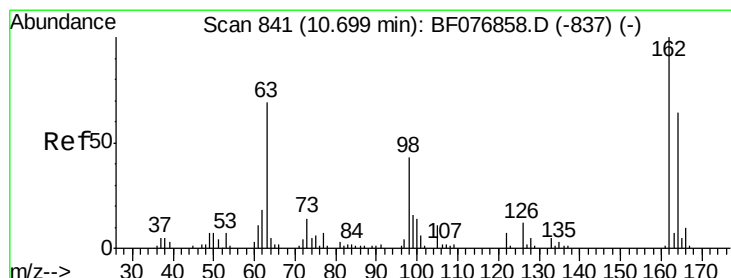
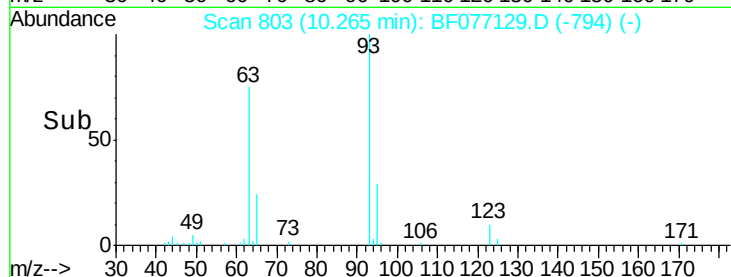
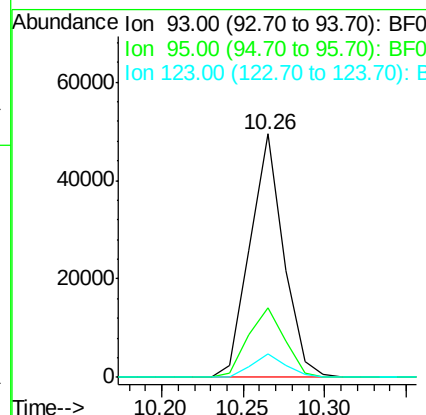
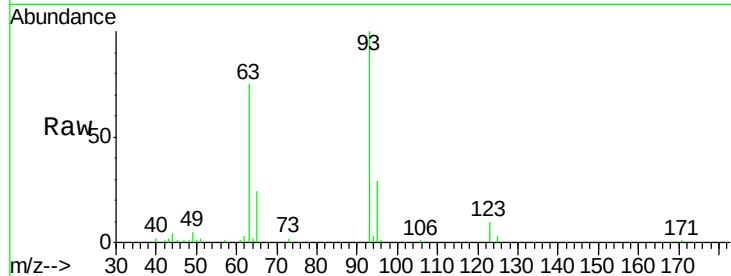




#28
bis(2-Chloroethoxy)methane
Concen: 31.15 ng
RT: 10.26 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF077129.D
Acq: 29 Jan 2015 18:12

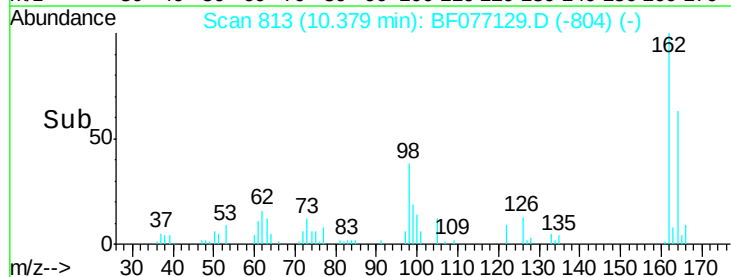
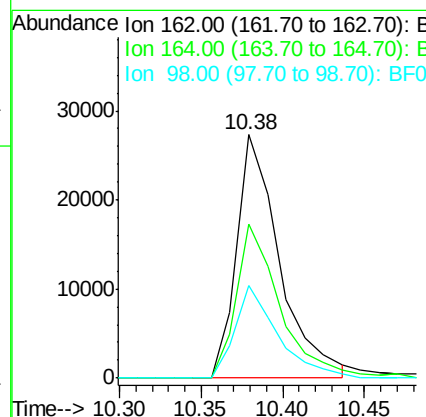
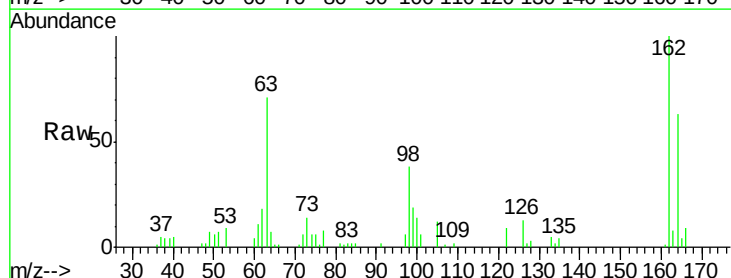
Instrument :
BNA_F
ClientSampleId :

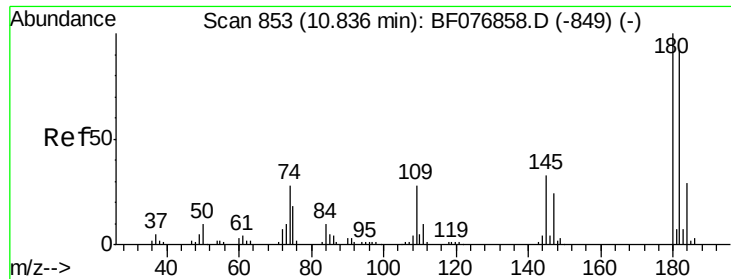
Tot Ion: 93 Resp: 70665
Ion Ratio Lower Upper
93 100
95 28.7 25.6 38.4
123 9.6 8.9 13.3



#29
2,4-Dichlorophenol
Concen: 30.94 ng
RT: 10.38 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF077129.D
Acq: 29 Jan 2015 18:12

Tgt Ion:162 Resp: 49789
Ion Ratio Lower Upper
162 100
164 63.1 43.8 83.8
98 38.2 22.5 62.5

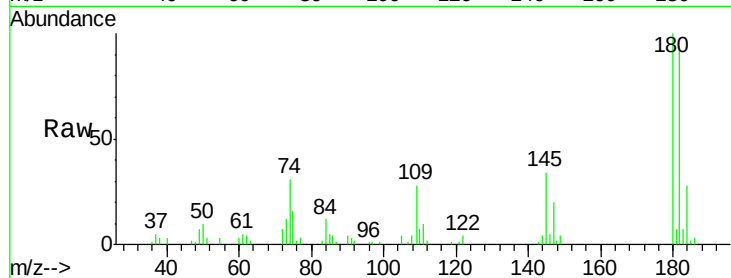




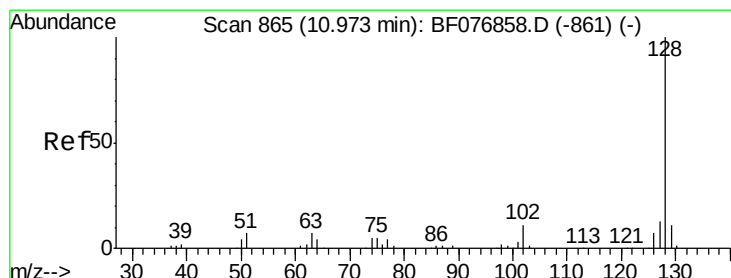
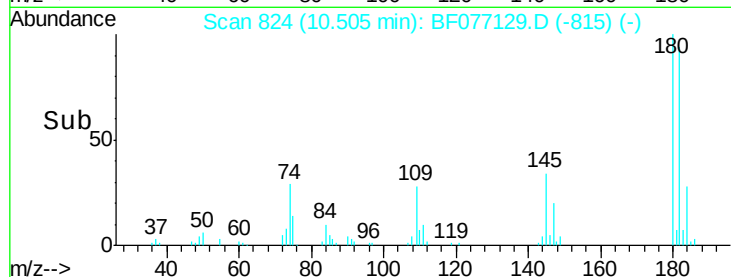
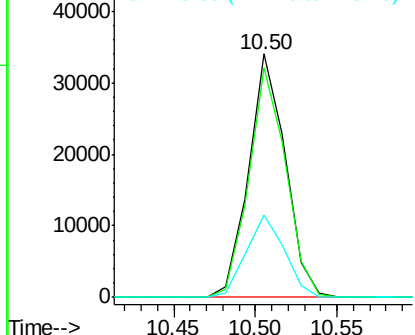
#30
 1,2,4-Trichlorobenzene
 Concen: 29.75 ng
 RT: 10.50 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BF077129.D
 Acq: 29 Jan 2015 18:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:180 Resp: 53177
 Ion Ratio Lower Upper
 180 100
 182 94.2 73.6 110.4
 145 33.9 26.6 39.8

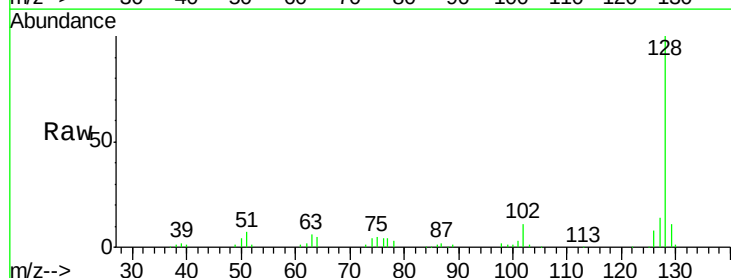


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

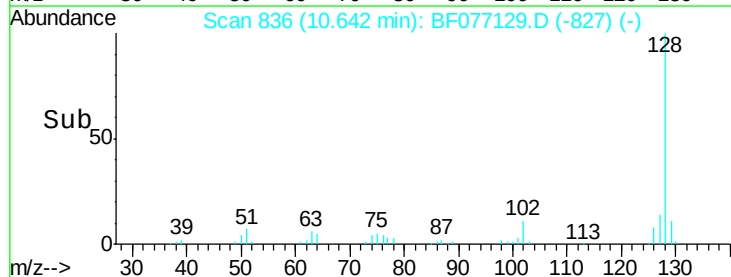
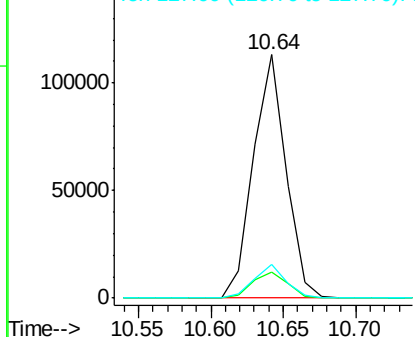


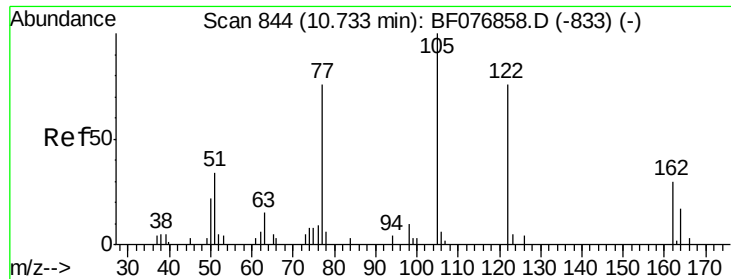
#31
 Naphthalene
 Concen: 28.23 ng
 RT: 10.64 min Scan# 836
 Delta R.T. -0.00 min
 Lab File: BF077129.D
 Acq: 29 Jan 2015 18:12

Tgt Ion:128 Resp: 176469
 Ion Ratio Lower Upper
 128 100
 129 10.6 9.0 13.6
 127 13.8 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: 17.34 ng

RT: 10.44 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF077129.D

Acq: 29 Jan 2015 18:12

Instrument :

BNA_F

ClientSampleId :

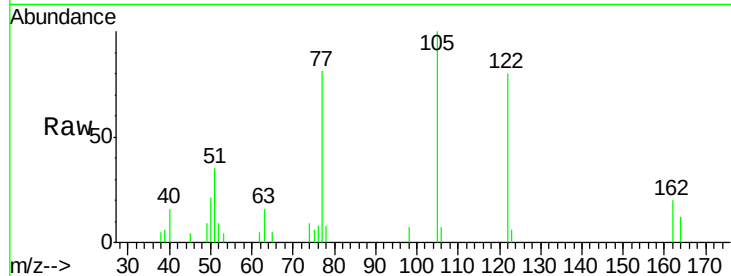
Tot Ion:122 Resp: 16587

Ion Ratio Lower Upper

122 100

105 124.6 111.3 151.3

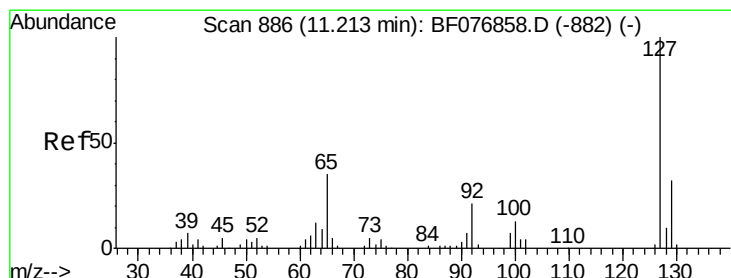
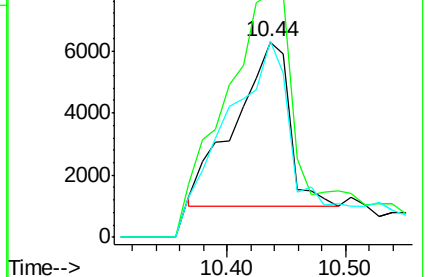
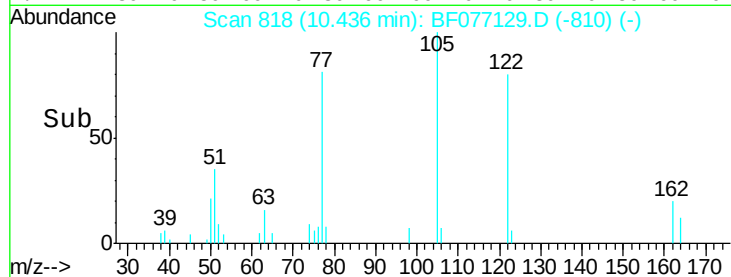
77 100.6 79.2 119.2



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: 16.71 ng

RT: 10.89 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF077129.D

Acq: 29 Jan 2015 18:12

Tgt Ion:127 Resp: 42216

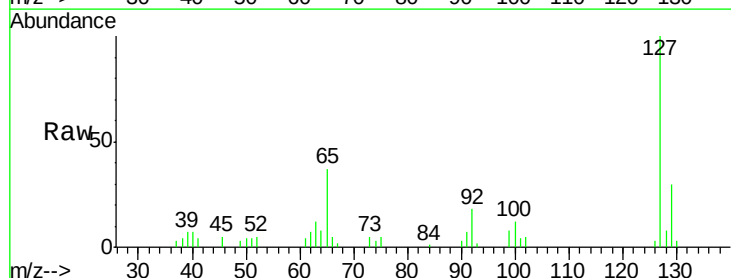
Ion Ratio Lower Upper

127 100

129 30.3 25.3 37.9

65 36.6 27.8 41.6

92 17.8 16.5 24.7

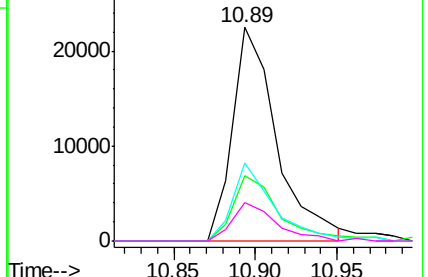
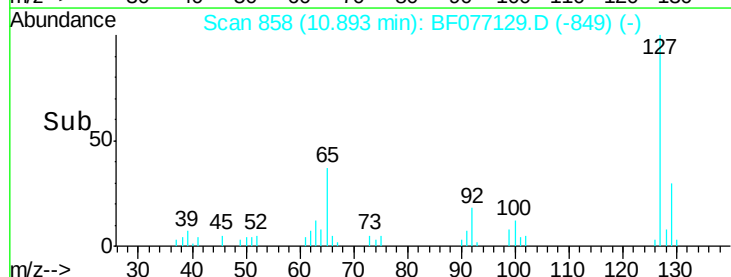


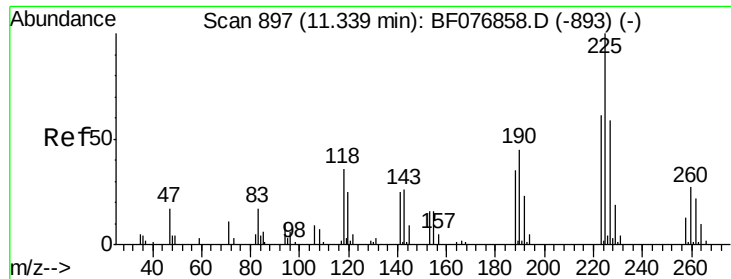
Abundance Ion 127.00 (126.70 to 127.70): E

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: 27.75 ng

RT: 11.01 min Scan# 868

Delta R.T. -0.00 min

Lab File: BF077129.D

Acq: 29 Jan 2015 18:12

Instrument :

BNA_F

ClientSampled :

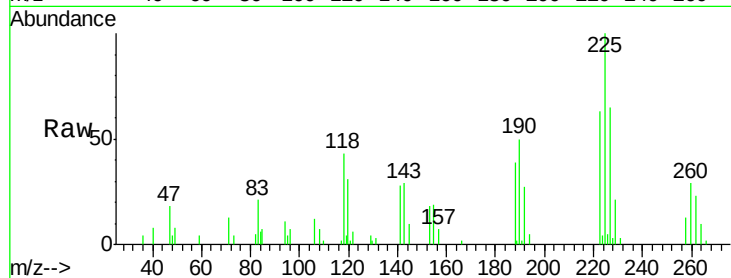
Tot Ion:225 Resp: 29428

Ion Ratio Lower Upper

225 100

223 62.9 49.1 73.7

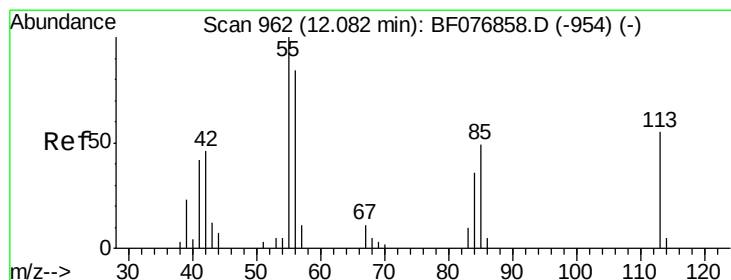
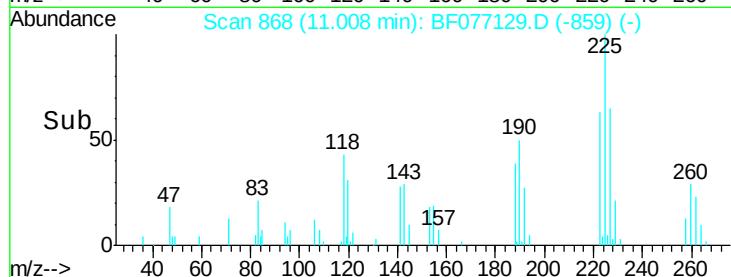
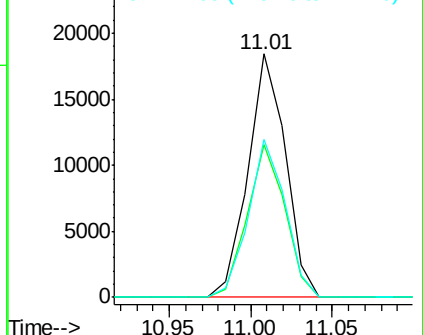
227 64.6 47.5 71.3



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: 29.96 ng

RT: 11.73 min Scan# 931

Delta R.T. -0.03 min

Lab File: BF077129.D

Acq: 29 Jan 2015 18:12

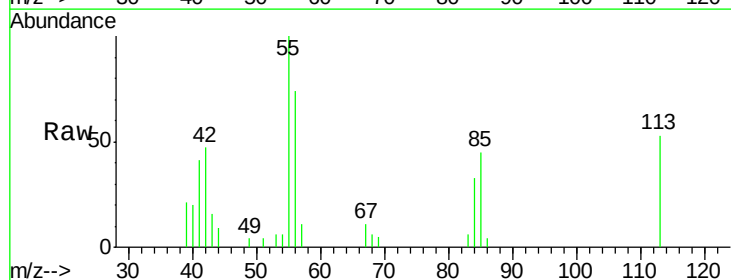
Tgt Ion:113 Resp: 14194

Ion Ratio Lower Upper

113 100

55 187.6 162.1 202.1

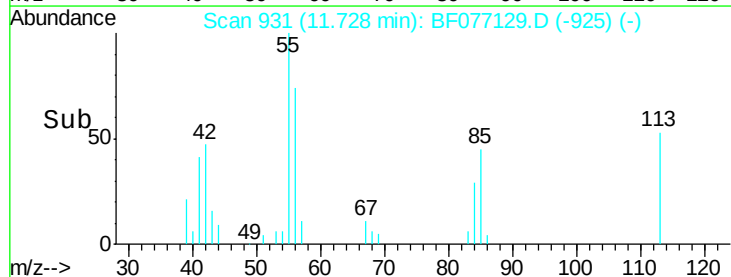
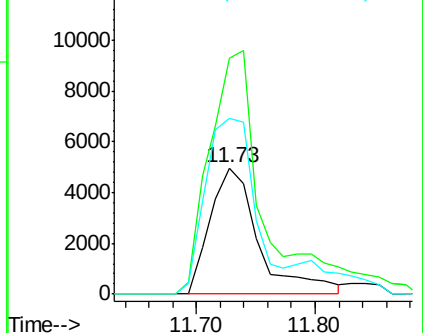
56 139.2 133.7 173.7

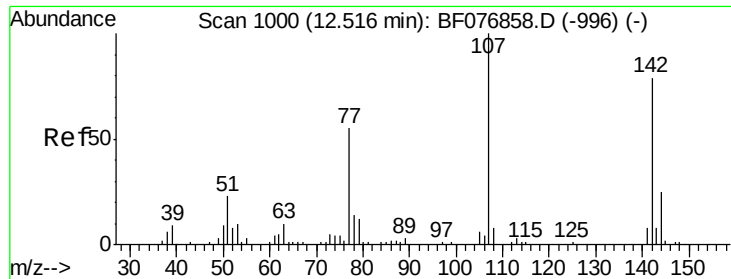


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

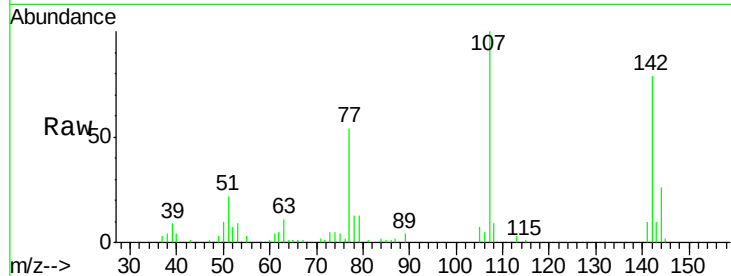




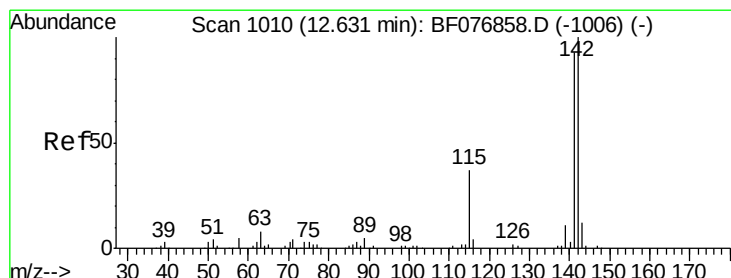
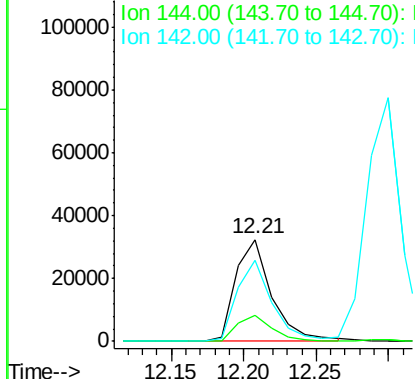
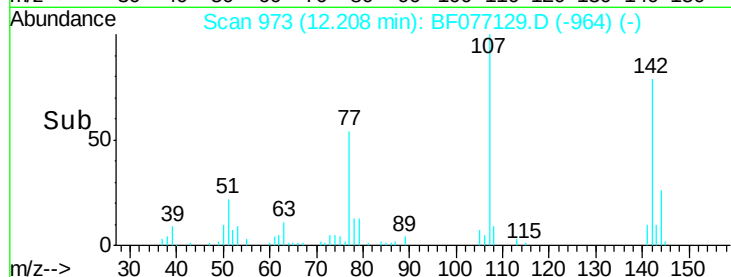
#36
 4-Chloro-3-methylphenol
 Concen: 30.37 ng
 RT: 12.21 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: BF077129.D
 Acq: 29 Jan 2015 18:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:107 Resp: 55957
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.0 30.0
 142 79.3 63.5 95.3

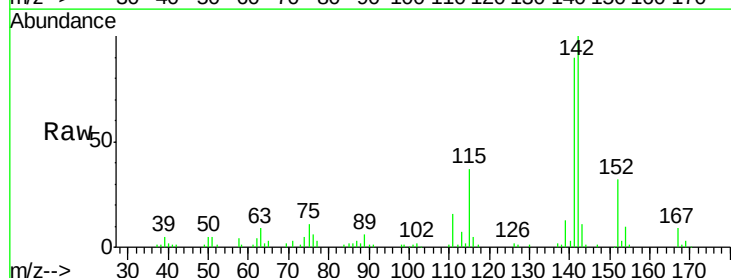


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

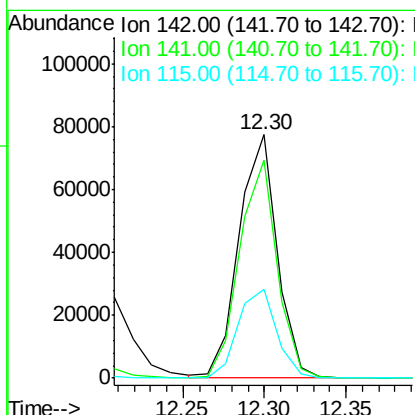
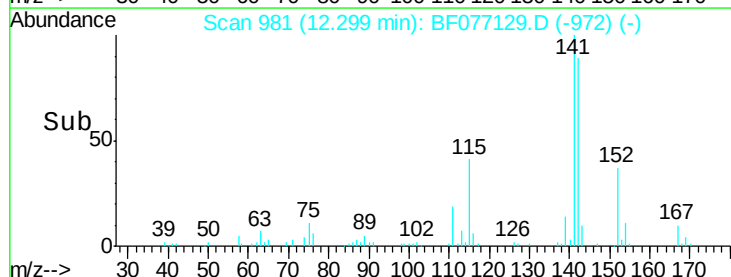


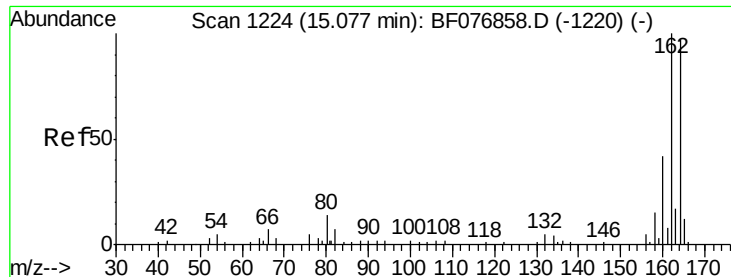
#37
 2-Methylnaphthalene
 Concen: 29.40 ng
 RT: 12.30 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: BF077129.D
 Acq: 29 Jan 2015 18:12

Tgt Ion:142 Resp: 125536
 Ion Ratio Lower Upper
 142 100
 141 89.7 74.5 111.7
 115 36.5 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: 14.71 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BF077129.D

Acq: 29 Jan 2015 18:12

Instrument :

BNA_F

ClientSampled :

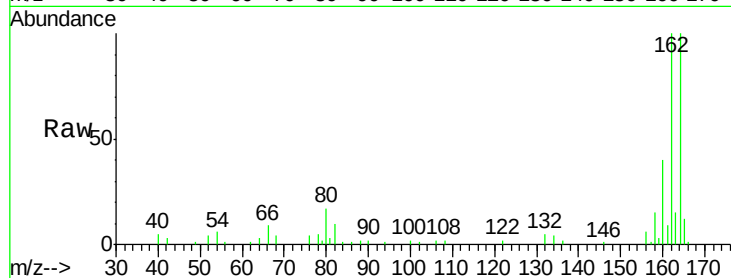
Tot Ion:164 Resp: 66343

Ion Ratio Lower Upper

164 100

162 100.2 82.4 123.6

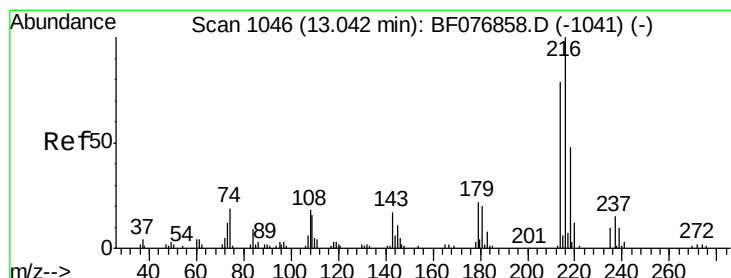
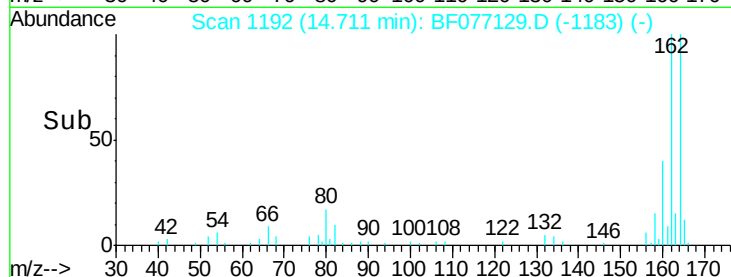
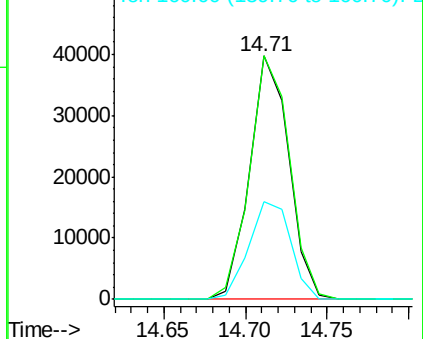
160 40.4 34.8 52.2



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: 30.80 ng

RT: 12.70 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BF077129.D

Acq: 29 Jan 2015 18:12

Tgt Ion:216 Resp: 50521

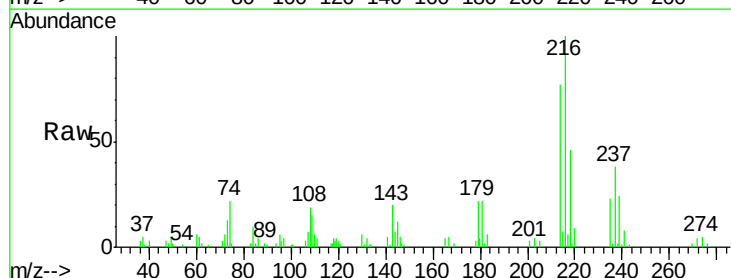
Ion Ratio Lower Upper

216 100

214 78.4 64.9 97.3

179 22.7 18.6 28.0

108 23.8 18.1 27.1

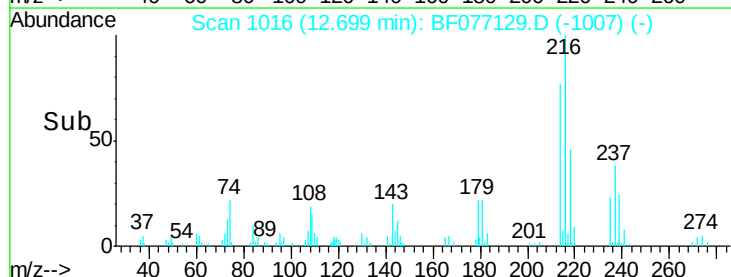
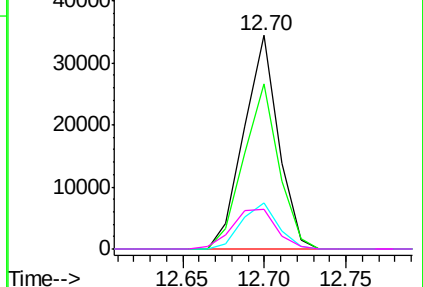


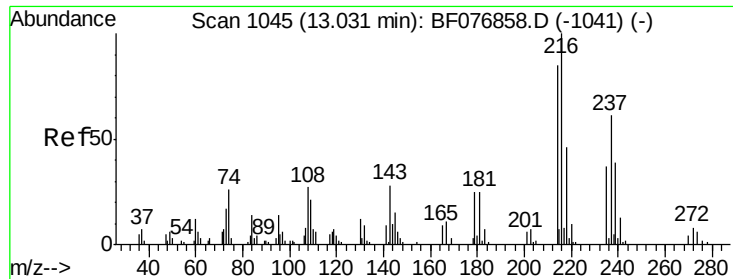
Abundance Ion 216.00 (215.70 to 216.70): E

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: 54.03 ng

RT: 12.69 min Scan# 1015

Delta R.T. -0.00 min

Lab File: BF077129.D

Acq: 29 Jan 2015 18:12

Instrument :

BNA_F

ClientSampleId :

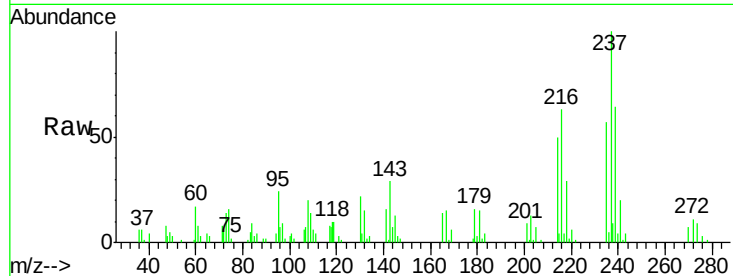
Tot Ion:237 Resp: 46316

Ion Ratio Lower Upper

237 100

235 57.2 40.4 80.4

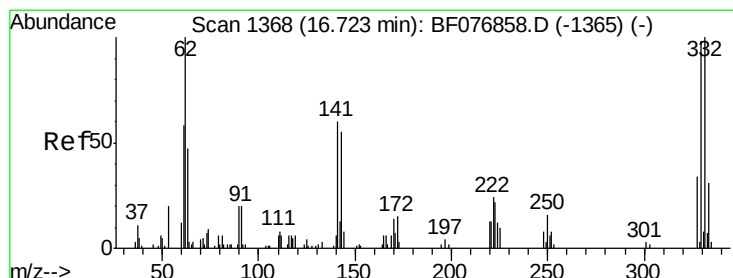
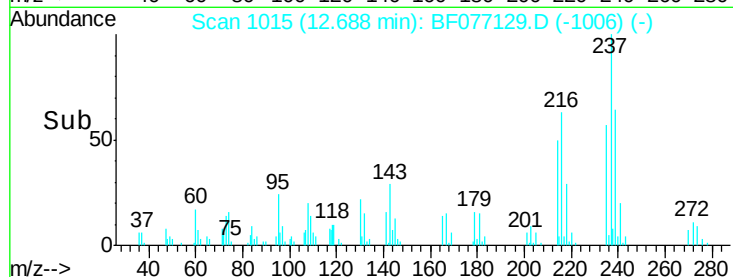
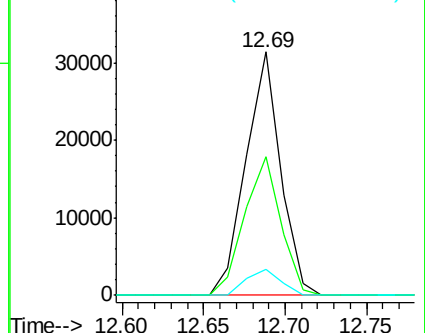
272 10.9 0.0 33.2



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 89.91 ng

RT: 16.45 min Scan# 1344

Delta R.T. -0.00 min

Lab File: BF077129.D

Acq: 29 Jan 2015 18:12

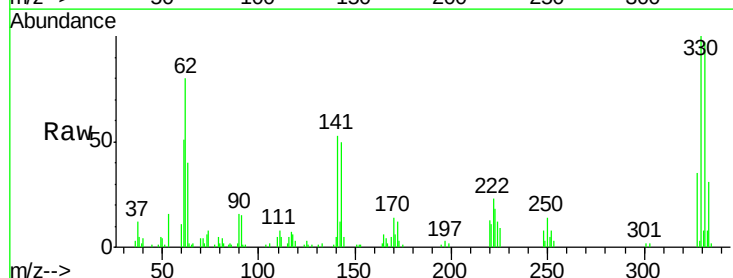
Tgt Ion:330 Resp: 48419

Ion Ratio Lower Upper

330 100

332 99.3 77.8 116.6

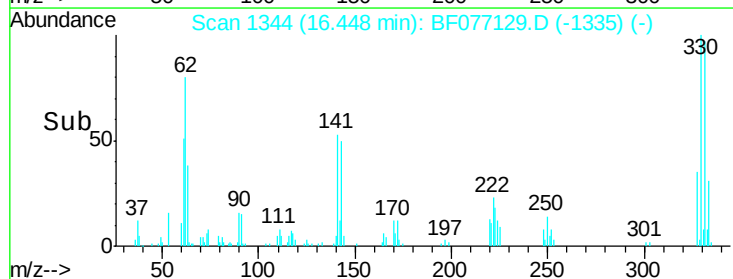
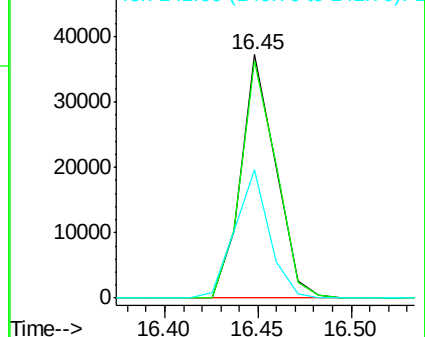
141 52.4 38.5 57.7

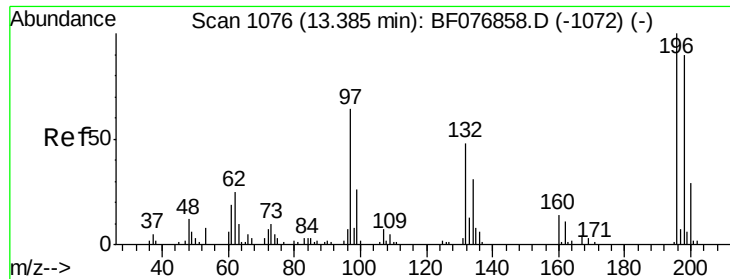


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

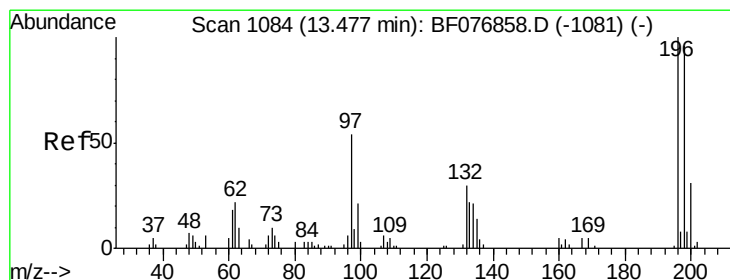
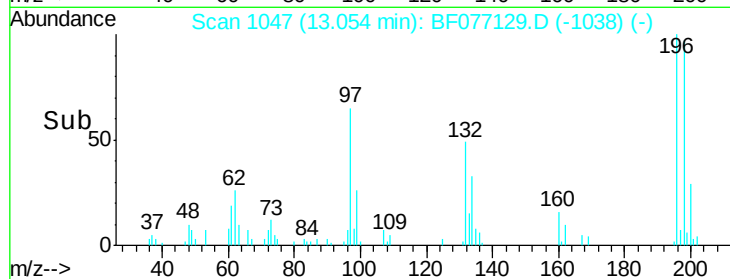
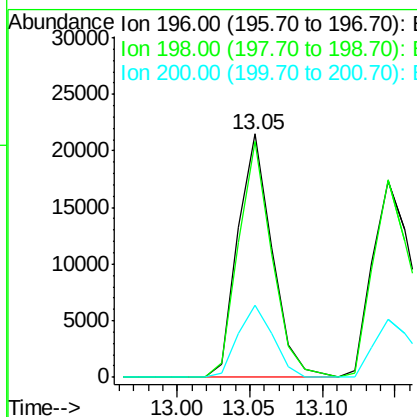
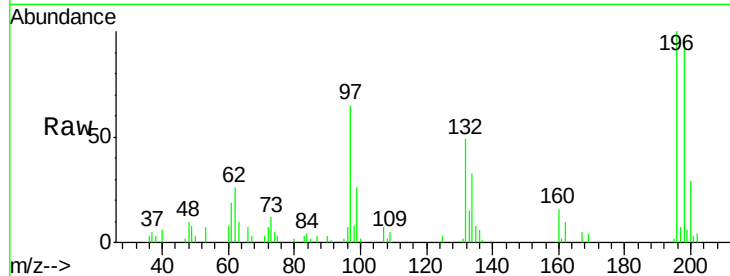




#42
 2,4,6-Trichlorophenol
 Concen: 29.48 ng
 RT: 13.05 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BF077129.D
 Acq: 29 Jan 2015 18:12

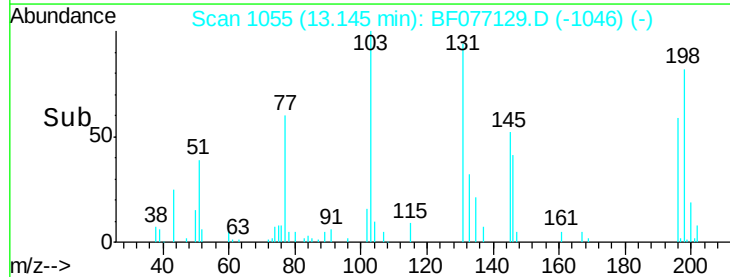
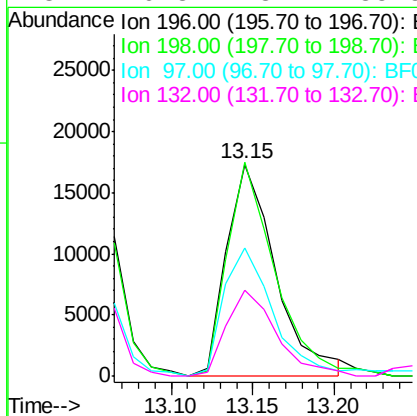
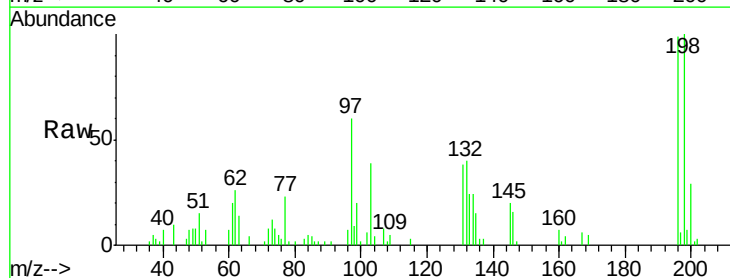
Instrument :
 BNA_F
 ClientSampled :

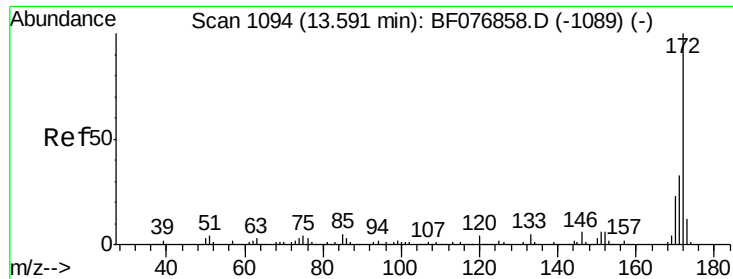
Tot Ion:196 Resp: 35231
 Ion Ratio Lower Upper
 196 100
 198 96.9 72.0 108.0
 200 29.4 23.4 35.2



#43
 2,4,5-Trichlorophenol
 Concen: 29.72 ng
 RT: 13.15 min Scan# 1055
 Delta R.T. -0.00 min
 Lab File: BF077129.D
 Acq: 29 Jan 2015 18:12

Tgt Ion:196 Resp: 36227
 Ion Ratio Lower Upper
 196 100
 198 101.0 76.6 115.0
 97 60.9 43.4 65.0
 132 40.3 23.7 35.5#

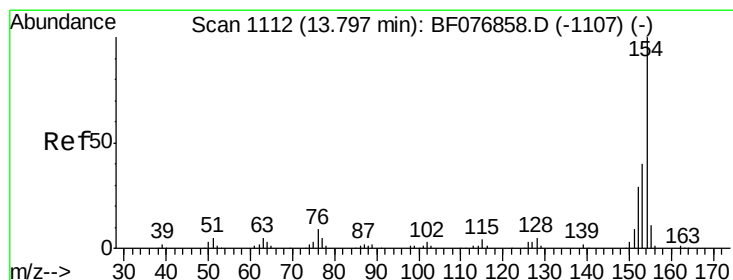
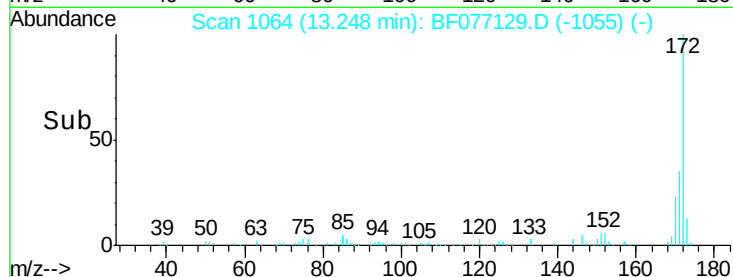
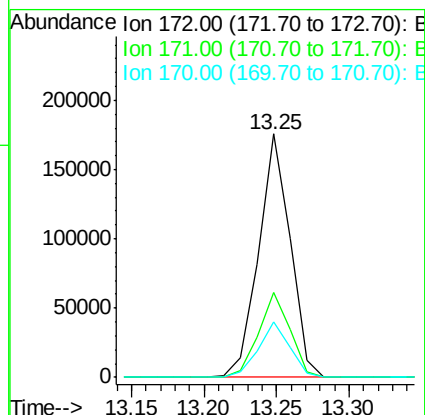
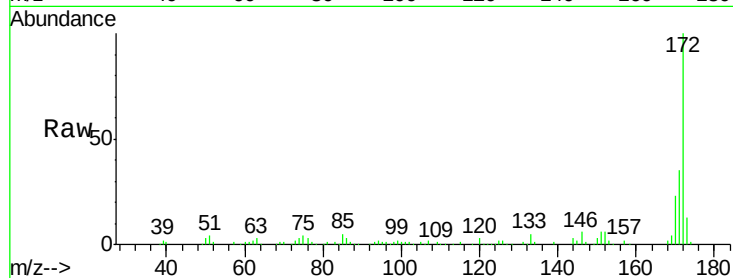




#44
2-Fluorobiphenyl
Concen: 60.52 ng
RT: 13.25 min Scan# 1064
Delta R.T. -0.00 min
Lab File: BF077129.D
Acq: 29 Jan 2015 18:12

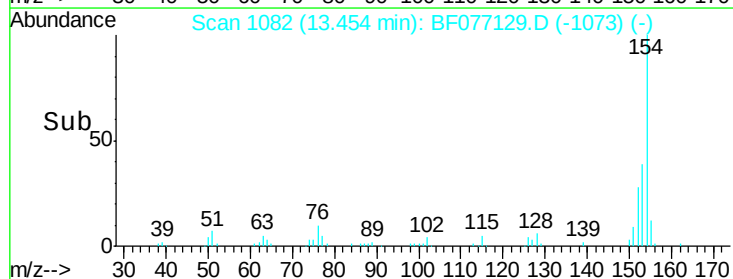
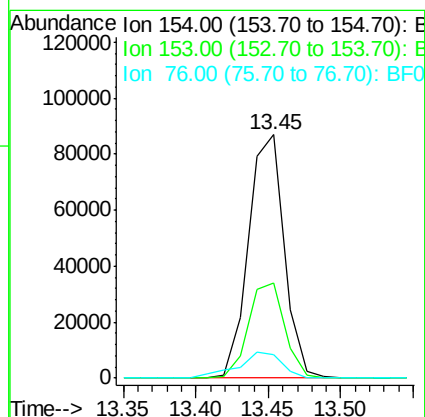
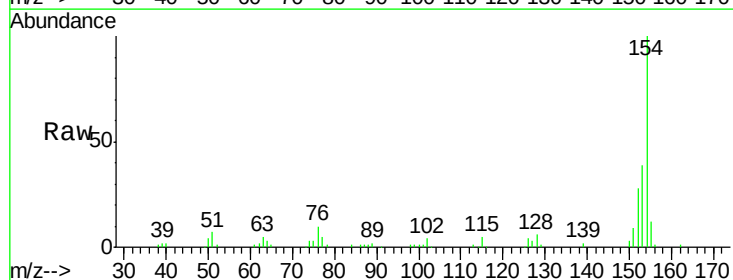
Instrument :
BNA_F
ClientSampleId :

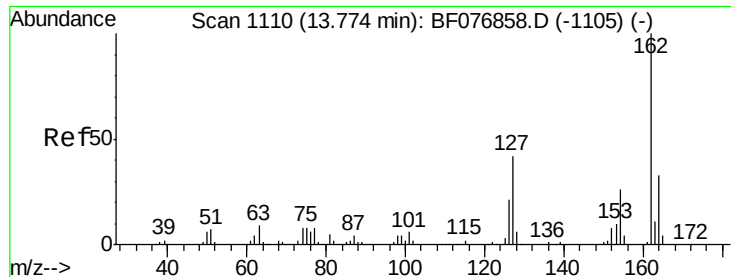
Tot Ion:172 Resp: 263828
Ion Ratio Lower Upper
172 100
171 35.0 26.6 40.0
170 22.5 18.0 27.0



#45
1,1'-Biphenyl
Concen: 30.14 ng
RT: 13.45 min Scan# 1082
Delta R.T. -0.00 min
Lab File: BF077129.D
Acq: 29 Jan 2015 18:12

Tgt Ion:154 Resp: 148242
Ion Ratio Lower Upper
154 100
153 39.2 20.2 60.2
76 9.8 0.0 29.0

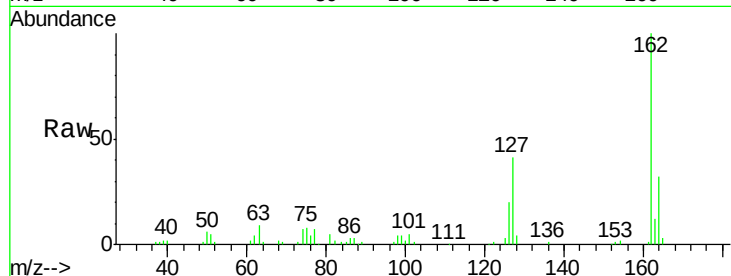




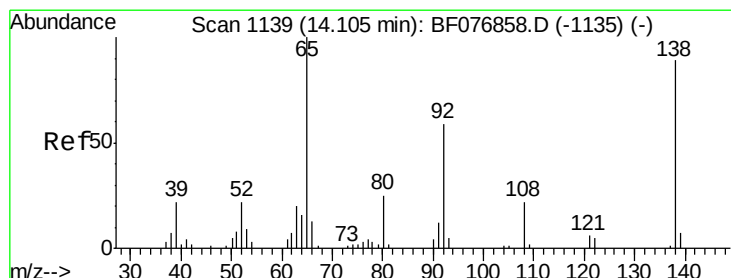
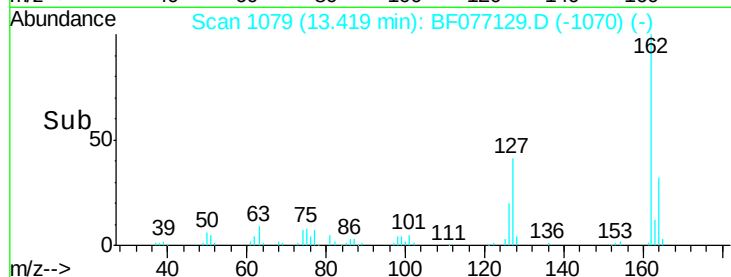
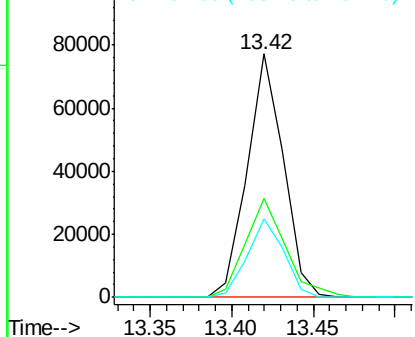
#46
2-Chloronaphthalene
Concen: 29.42 ng
RT: 13.42 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BF077129.D
Acq: 29 Jan 2015 18:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 119086
Ion Ratio Lower Upper
162 100
127 40.6 33.8 50.6
164 32.4 26.8 40.2

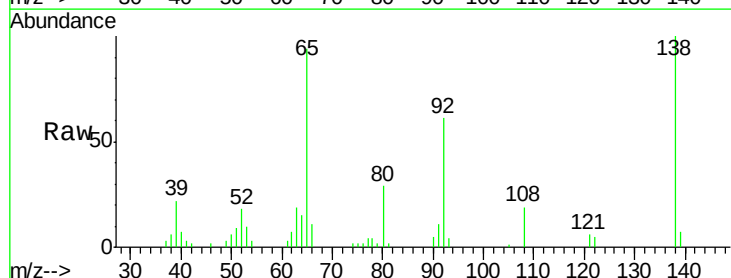


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

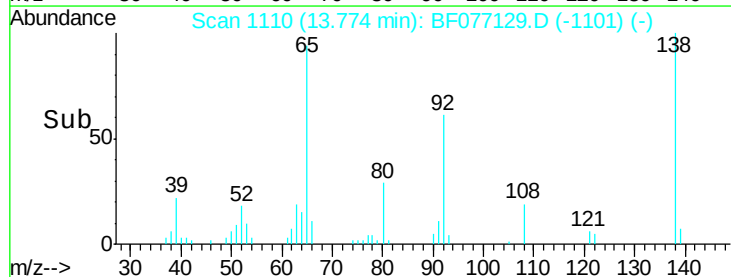
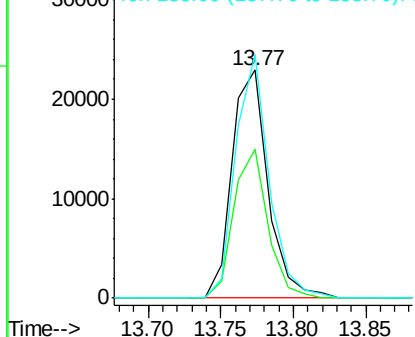


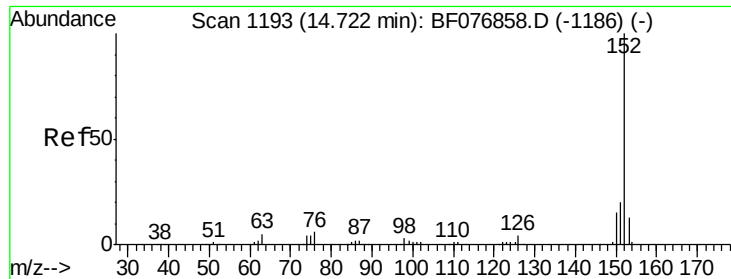
#47
2-Nitroaniline
Concen: 32.19 ng
RT: 13.77 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BF077129.D
Acq: 29 Jan 2015 18:12

Tgt Ion: 65 Resp: 39528
Ion Ratio Lower Upper
65 100
92 65.5 47.3 70.9
138 106.8 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: 28.38 ng

RT: 14.37 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BF077129.D

Acq: 29 Jan 2015 18:12

Instrument :

BNA_F

ClientSampleId :

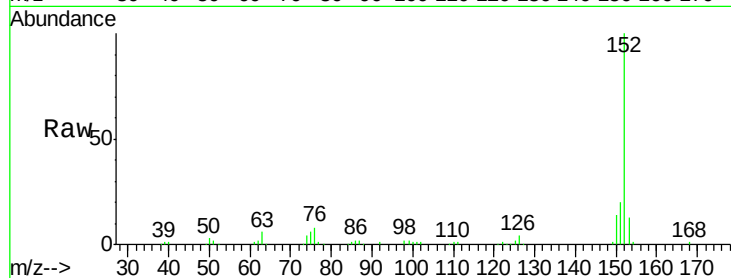
Tot Ion:152 Resp: 193760

Ion Ratio Lower Upper

152 100

151 19.7 15.9 23.9

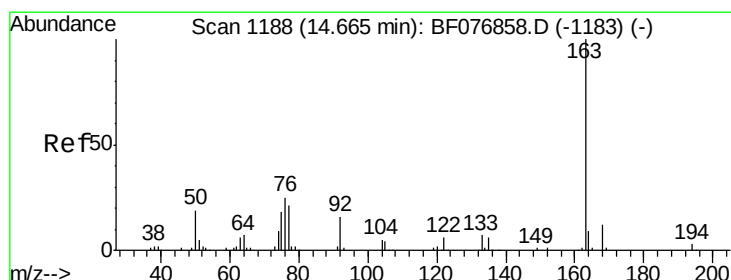
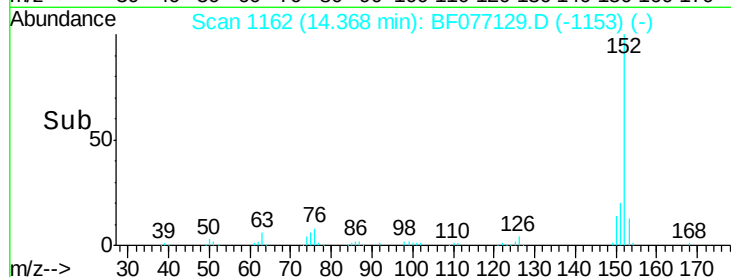
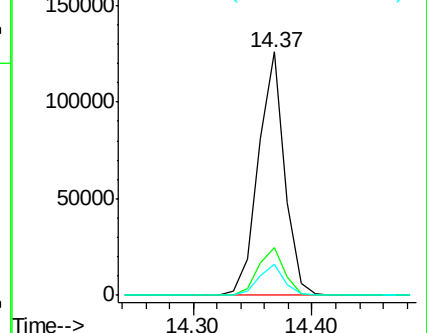
153 12.7 10.2 15.4



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: 30.11 ng

RT: 14.32 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BF077129.D

Acq: 29 Jan 2015 18:12

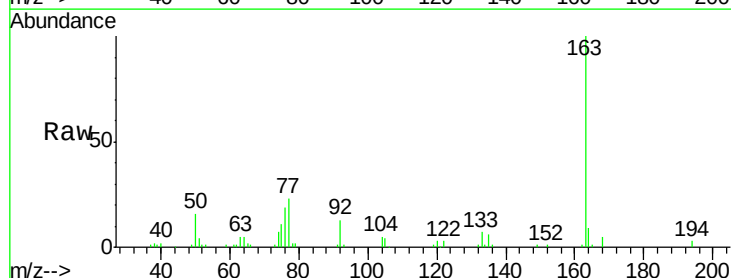
Tgt Ion:163 Resp: 141686

Ion Ratio Lower Upper

163 100

194 2.8 2.6 4.0

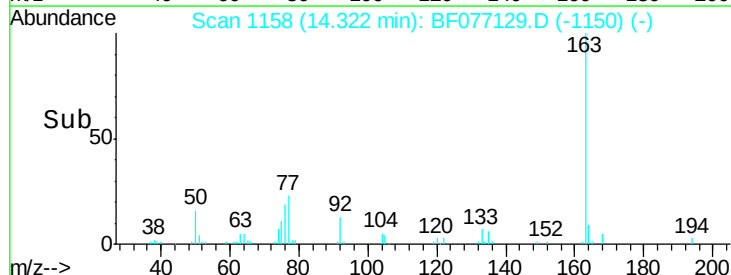
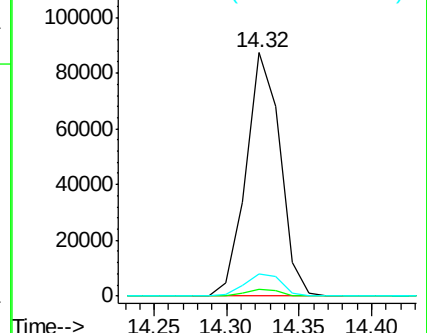
164 9.0 7.5 11.3

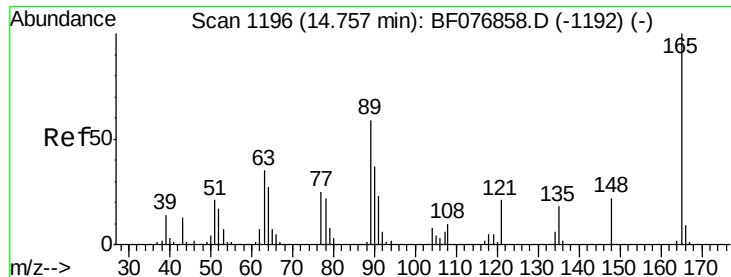


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

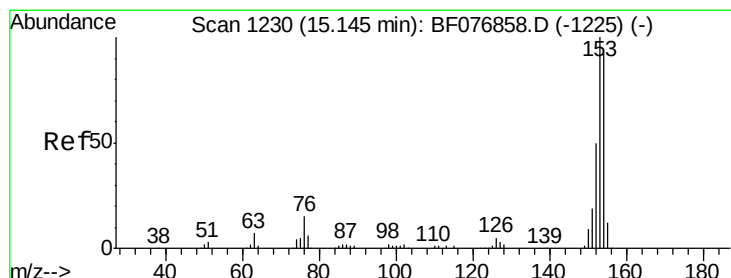
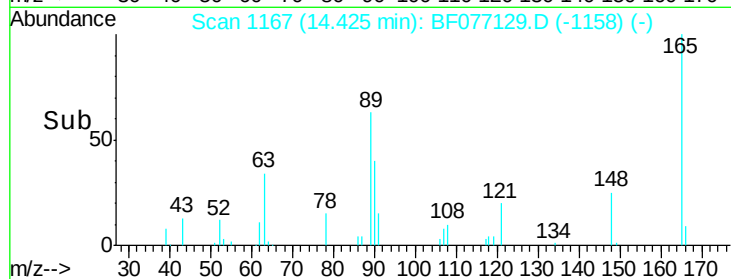
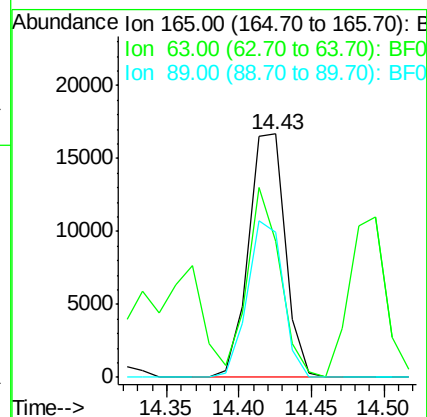
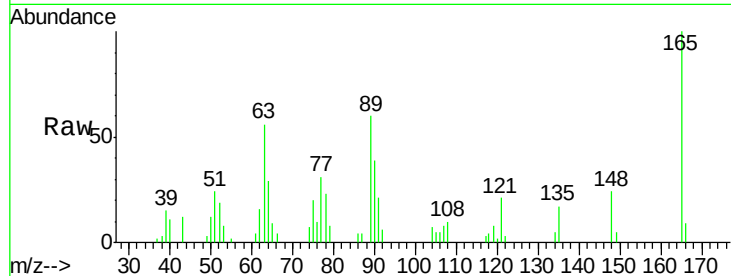




#50
2,6-Dinitrotoluene
Concen: 31.24 ng
RT: 14.43 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF077129.D
Acq: 29 Jan 2015 18:12

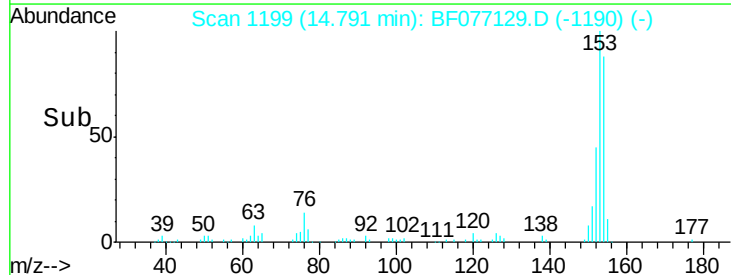
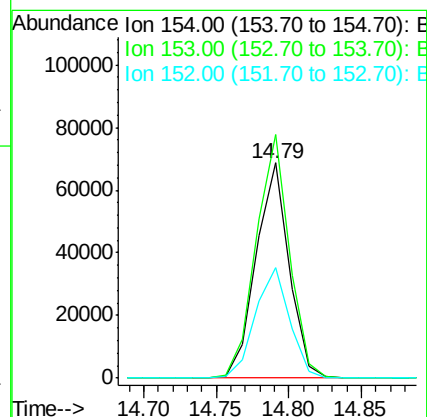
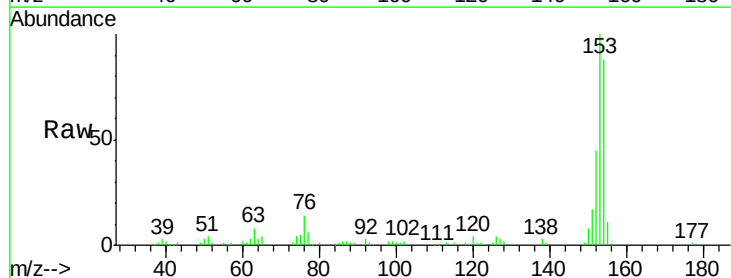
Instrument :
BNA_F
ClientSampleId :

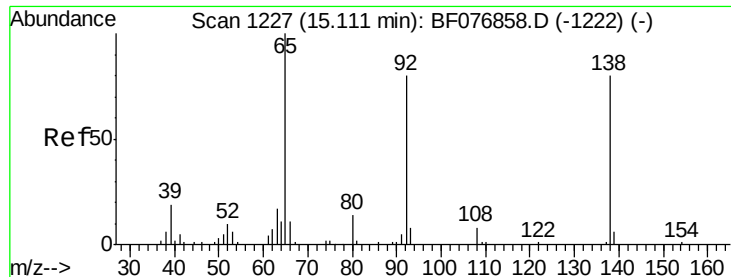
Tot Ion:165 Resp: 29368
Ion Ratio Lower Upper
165 100
63 56.0 48.1 72.1
89 59.8 47.2 70.8



#51
Acenaphthene
Concen: 28.03 ng
RT: 14.79 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BF077129.D
Acq: 29 Jan 2015 18:12

Tgt Ion:154 Resp: 108586
Ion Ratio Lower Upper
154 100
153 113.3 87.0 130.6
152 51.4 43.5 65.3

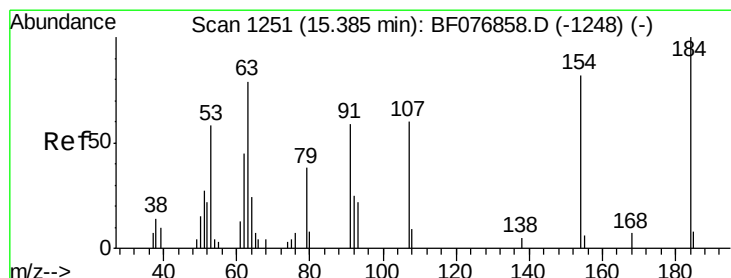
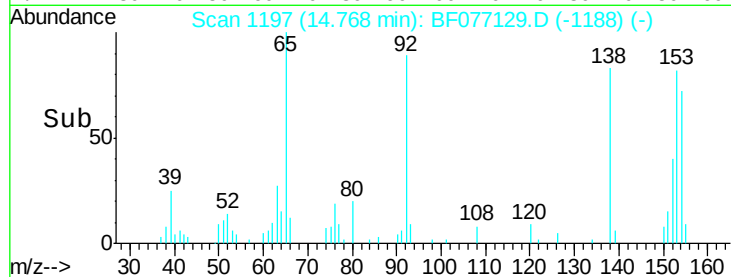
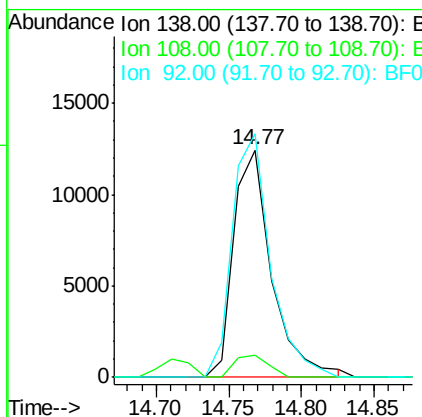
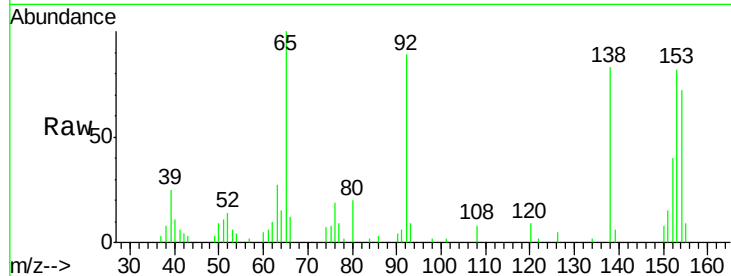




#52
 3-Nitroaniline
 Concen: 19.60 ng
 RT: 14.77 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF077129.D
 Acq: 29 Jan 2015 18:12

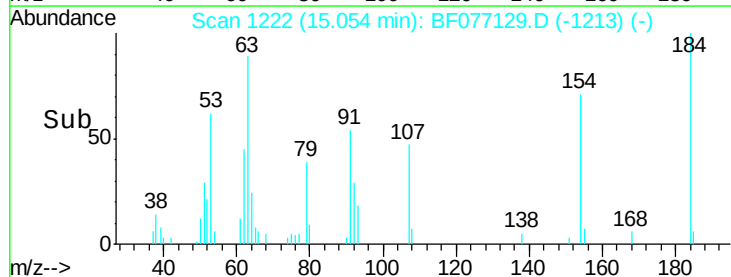
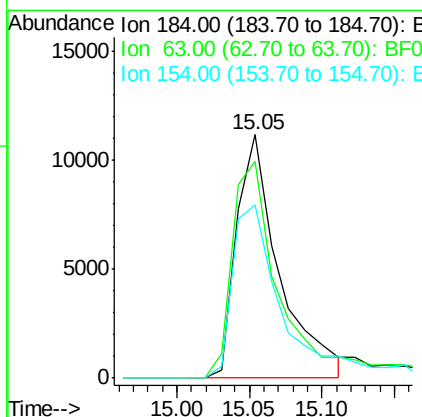
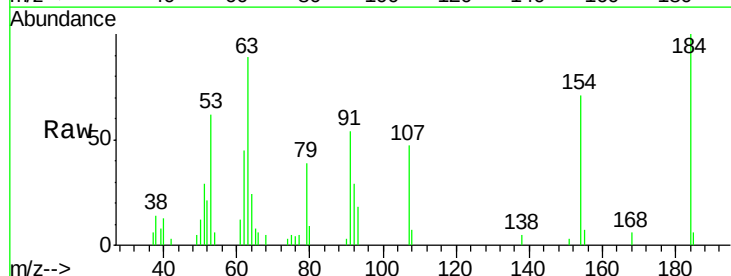
Instrument :
 BNA_F
 ClientSampleId :

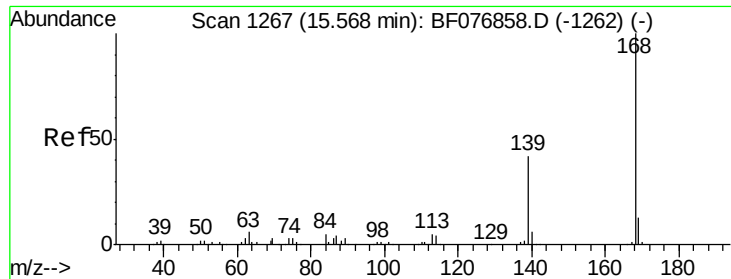
Tot Ion:138 Resp: 22694
 Ion Ratio Lower Upper
 138 100
 108 9.8 8.3 12.5
 92 107.0 80.9 121.3



#53
 2,4-Dinitrophenol
 Concen: 55.75 ng
 RT: 15.05 min Scan# 1222
 Delta R.T. -0.00 min
 Lab File: BF077129.D
 Acq: 29 Jan 2015 18:12

Tgt Ion:184 Resp: 22753
 Ion Ratio Lower Upper
 184 100
 63 88.8 63.0 94.6
 154 71.2 65.5 98.3

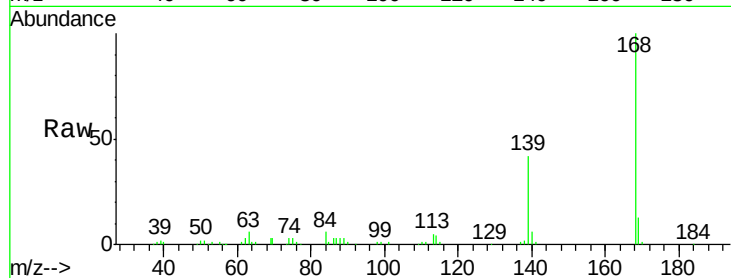




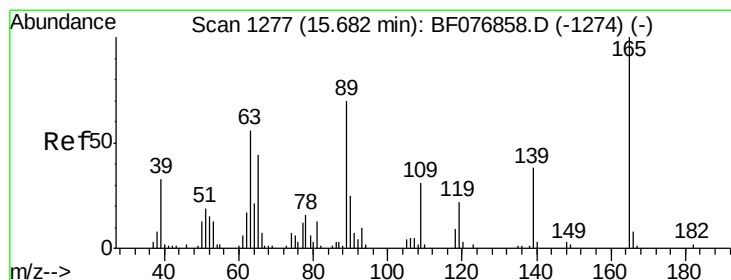
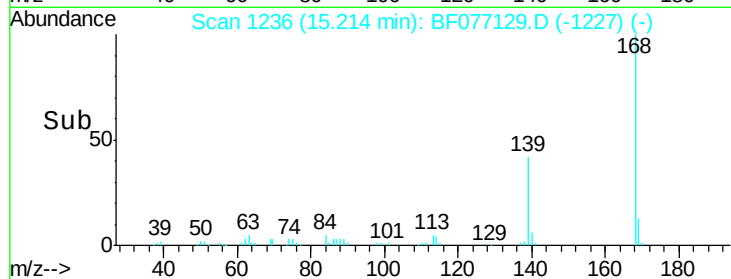
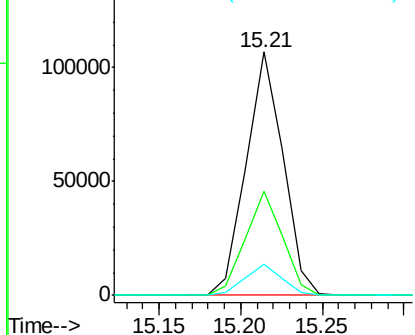
#54
Dibenzenofuran
Concen: 29.90 ng
RT: 15.21 min Scan# 1236
Delta R.T. -0.00 min
Lab File: BF077129.D
Acq: 29 Jan 2015 18:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 168708
Ion Ratio Lower Upper
168 100
139 42.5 33.4 50.2
169 12.8 10.6 15.8

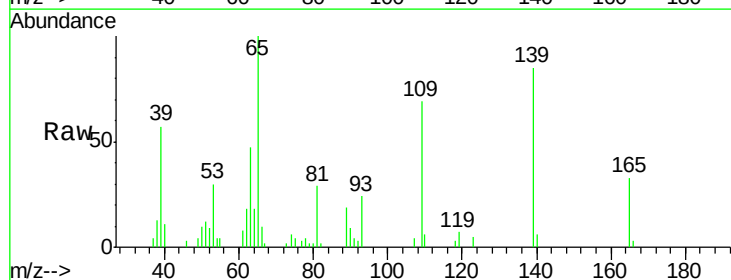


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

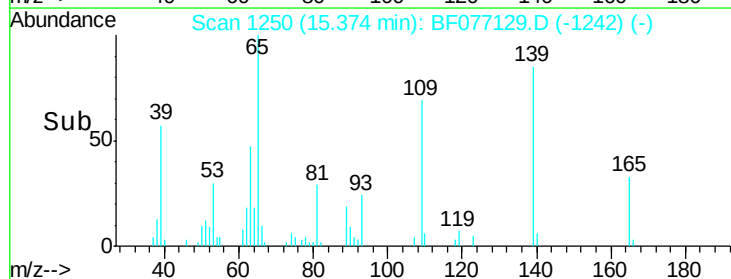
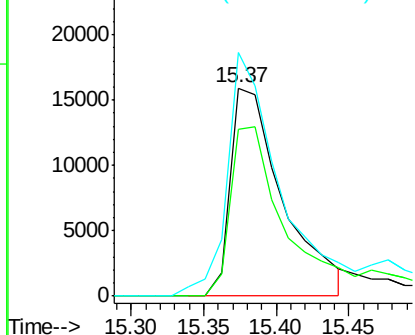


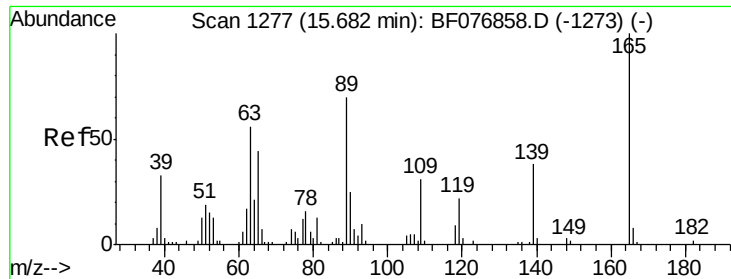
#55
4-Nitrophenol
Concen: 54.20 ng
RT: 15.37 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BF077129.D
Acq: 29 Jan 2015 18:12

Tgt Ion:139 Resp: 39973
Ion Ratio Lower Upper
139 100
109 80.4 61.0 101.0
65 117.0 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

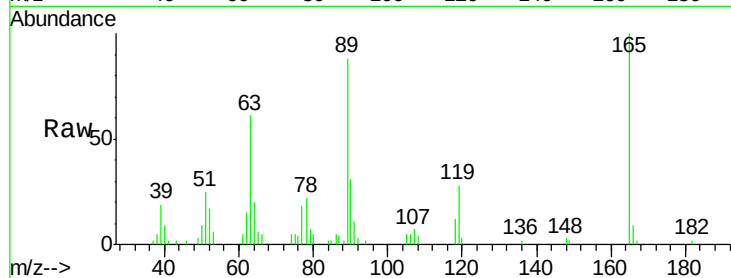




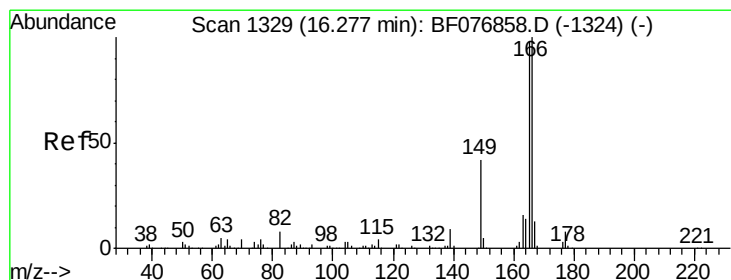
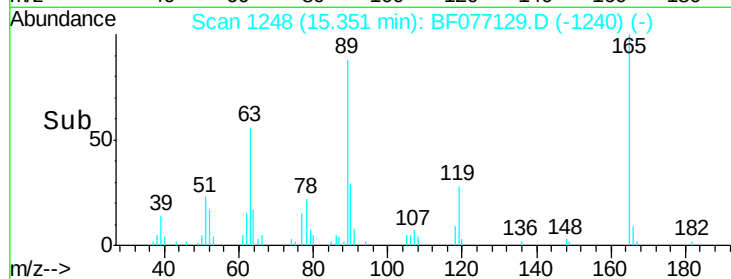
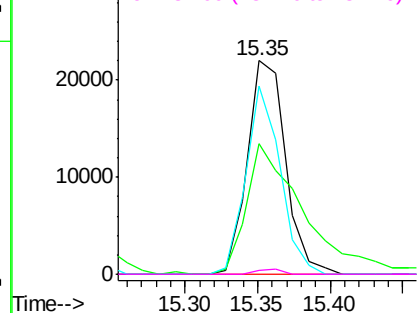
#56
2,4-Dinitrotoluene
Concen: 29.39 ng
RT: 15.35 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BF077129.D
Acq: 29 Jan 2015 18:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 40216
Ion Ratio Lower Upper
165 100
63 61.3 44.8 67.2
89 88.2 56.2 84.2#
182 2.1 1.5 2.3

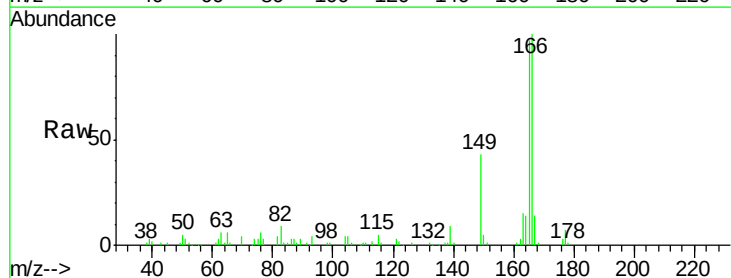


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

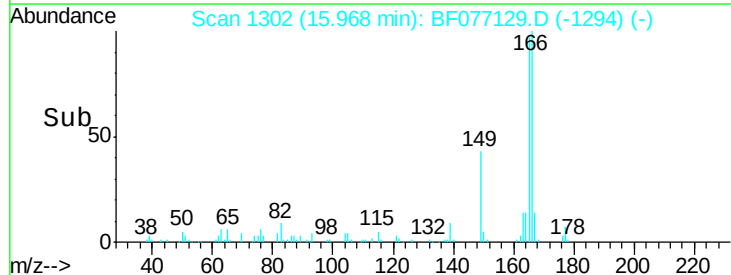
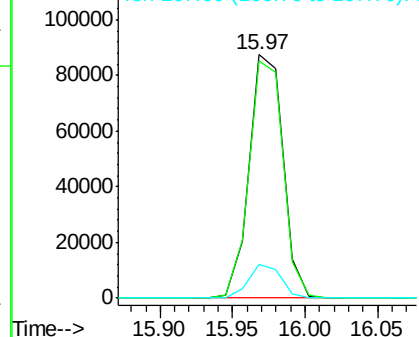


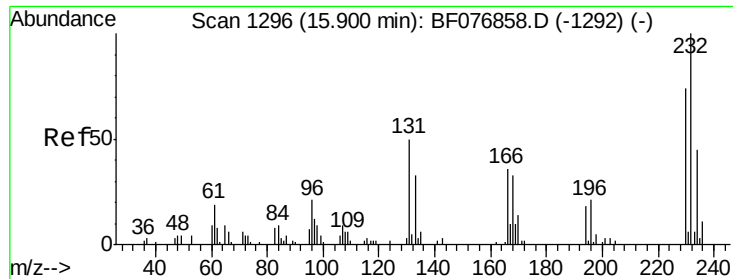
#57
Fluorene
Concen: 29.54 ng
RT: 15.97 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF077129.D
Acq: 29 Jan 2015 18:12

Tgt Ion:166 Resp: 141192
Ion Ratio Lower Upper
166 100
165 97.3 78.5 117.7
167 13.6 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

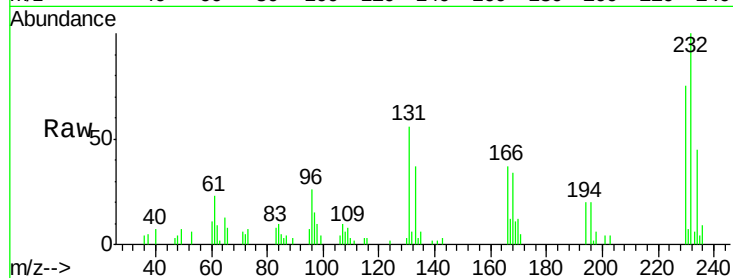




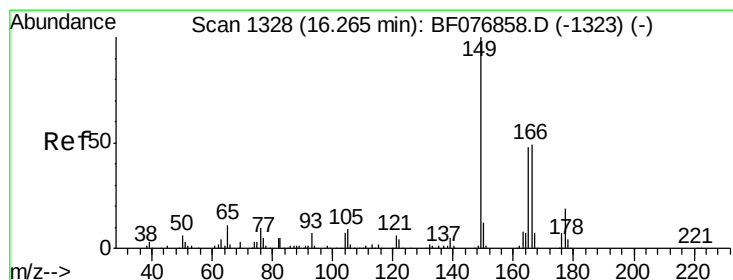
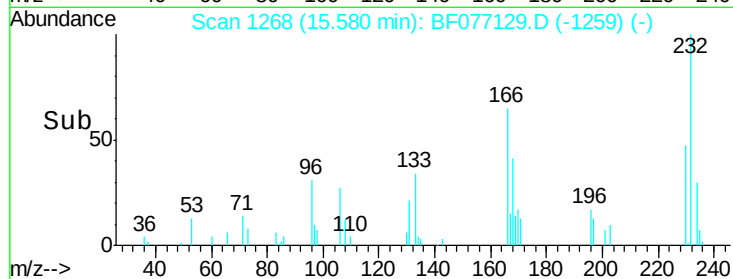
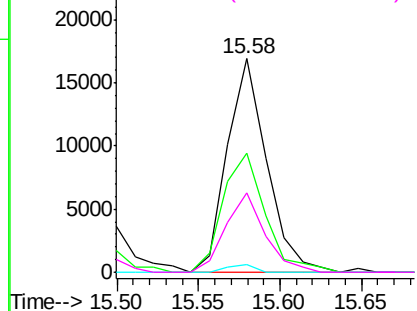
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 31.98 ng
 RT: 15.58 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF077129.D
 Acq: 29 Jan 2015 18:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 28385
 Ion Ratio Lower Upper
 232 100
 131 59.9 45.0 67.6
 130 2.4 2.6 3.8#
 166 37.0 30.9 46.3

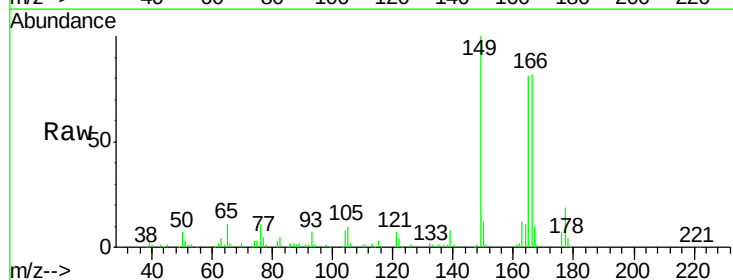


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

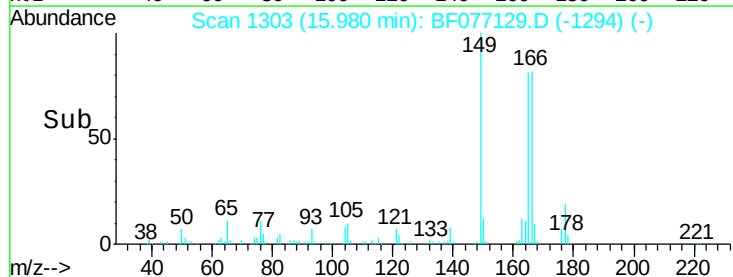
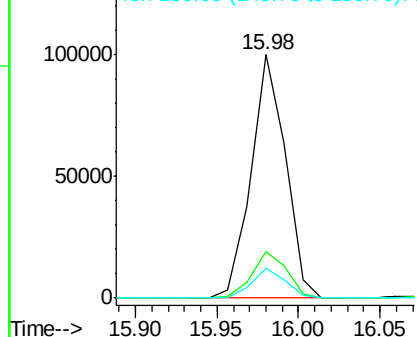


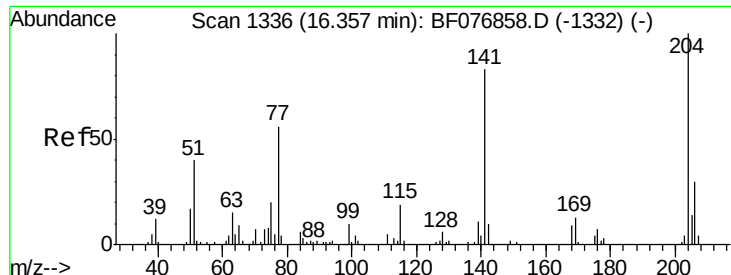
#59
 Diethylphthalate
 Concen: 30.72 ng
 RT: 15.98 min Scan# 1303
 Delta R.T. -0.00 min
 Lab File: BF077129.D
 Acq: 29 Jan 2015 18:12

Tgt Ion:149 Resp: 146094
 Ion Ratio Lower Upper
 149 100
 177 19.3 15.0 22.6
 150 12.2 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

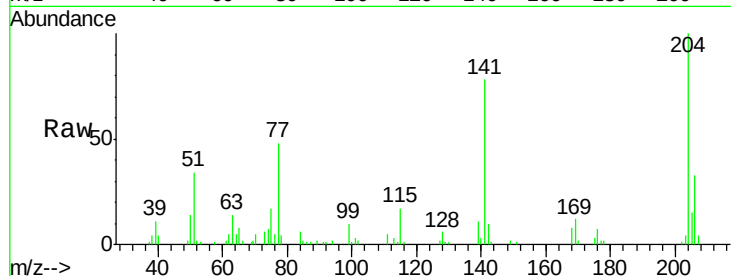




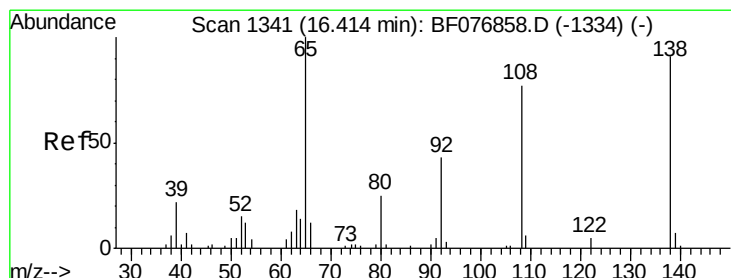
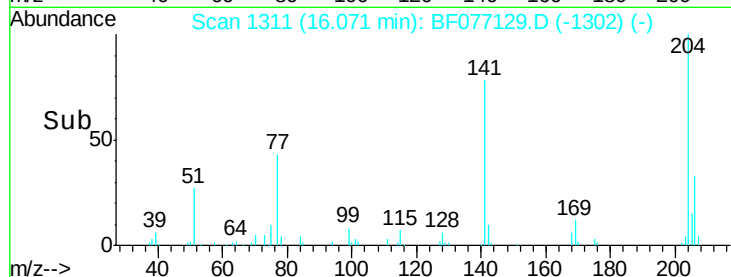
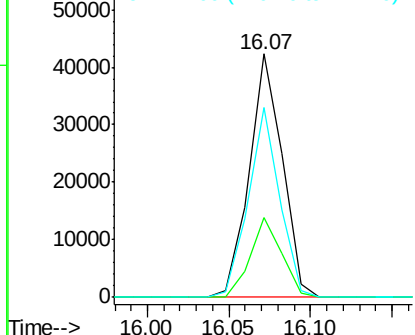
#60
4-Chlorophenyl-phenylether
Concen: 30.33 ng
RT: 16.07 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF077129.D
Acq: 29 Jan 2015 18:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 59322
Ion Ratio Lower Upper
204 100
206 32.6 24.2 36.2
141 77.8 66.7 100.1

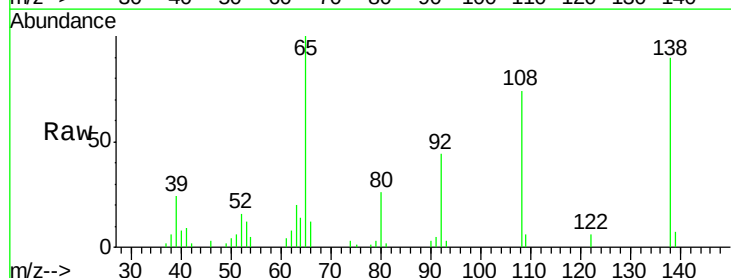


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

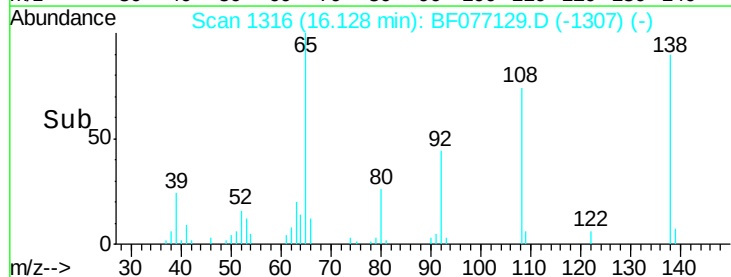
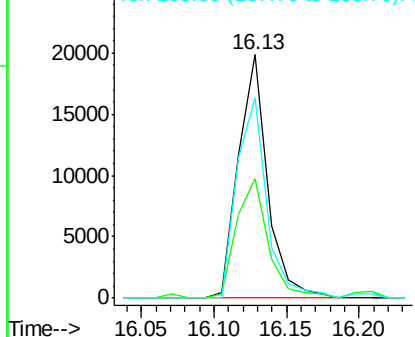


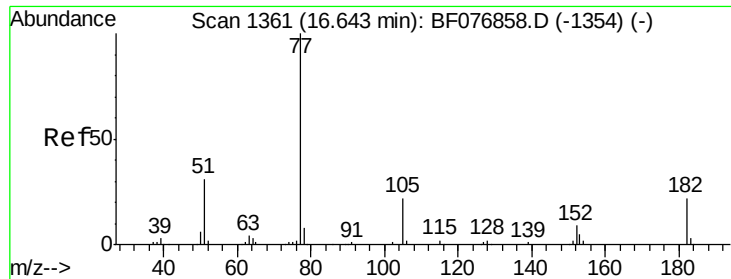
#61
4-Nitroaniline
Concen: 24.09 ng
RT: 16.13 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF077129.D
Acq: 29 Jan 2015 18:12

Tgt Ion:138 Resp: 27676
Ion Ratio Lower Upper
138 100
92 49.1 26.7 66.7
108 82.3 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: 30.16 ng

RT: 16.37 min Scan# 1337

Delta R.T. -0.00 min

Lab File: BF077129.D

Acq: 29 Jan 2015 18:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 149407

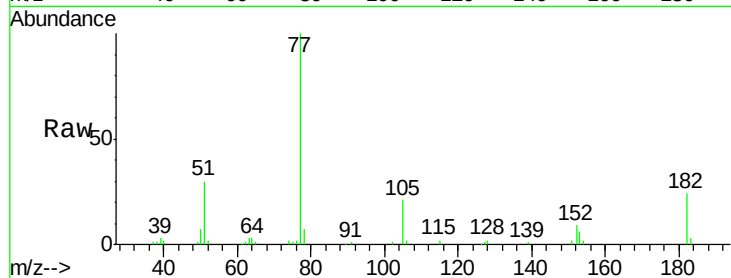
Ion Ratio Lower Upper

77 100

182 23.9 2.0 42.0

105 21.4 2.3 42.3

51 30.1 10.7 50.7

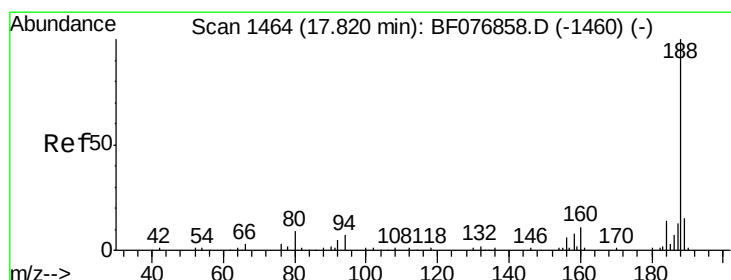
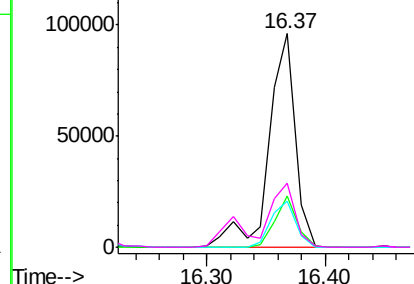
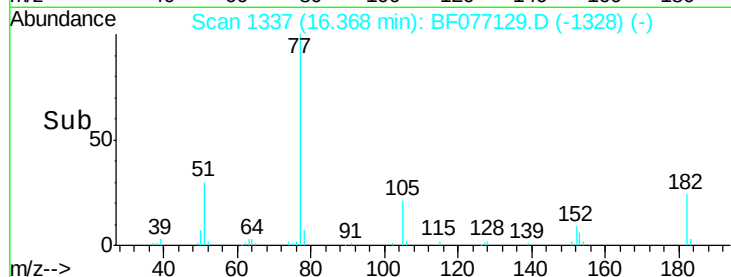


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 17.57 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BF077129.D

Acq: 29 Jan 2015 18:12

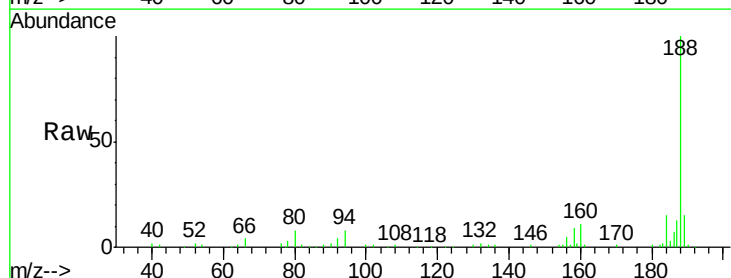
Tgt Ion: 188 Resp: 113418

Ion Ratio Lower Upper

188 100

94 8.3 6.0 9.0

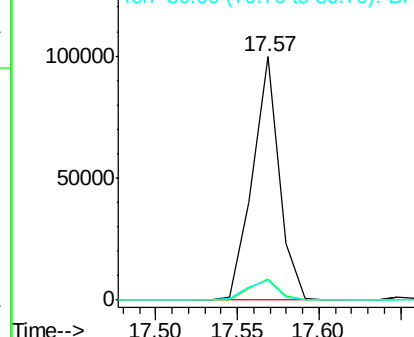
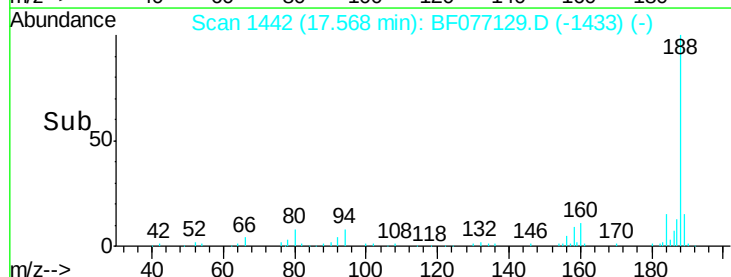
80 8.2 6.9 10.3

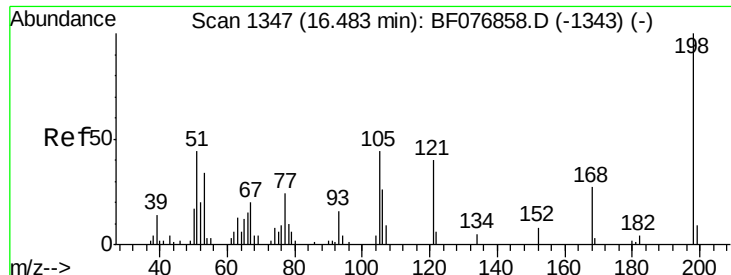


Abundance Ion 188.00 (187.70 to 188.70): E

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: 25.82 ng

RT: 16.21 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BF077129.D

Acq: 29 Jan 2015 18:12

Instrument :

BNA_F

ClientSampled :

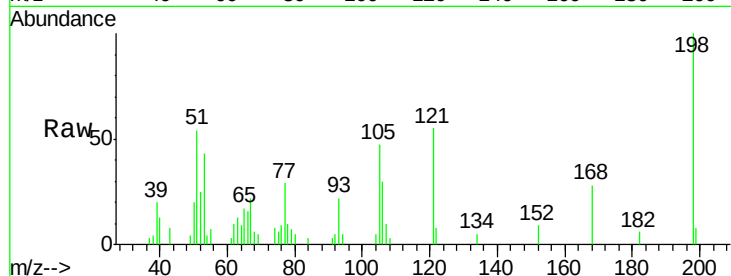
Tot Ion:198 Resp: 17628

Ion Ratio Lower Upper

198 100

51 54.2 24.2 64.2

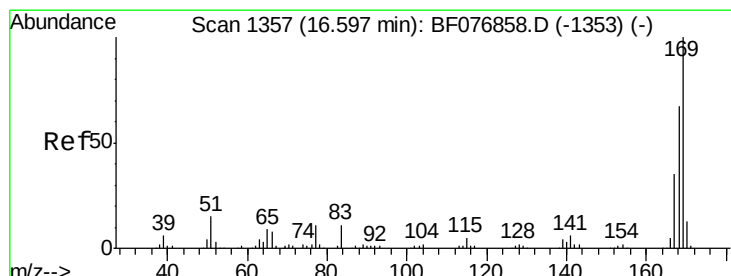
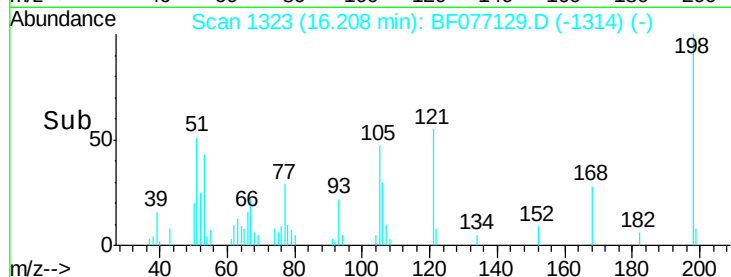
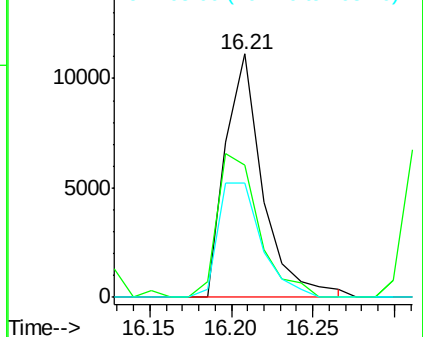
105 47.0 24.0 64.0



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: 28.15 ng

RT: 16.32 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BF077129.D

Acq: 29 Jan 2015 18:12

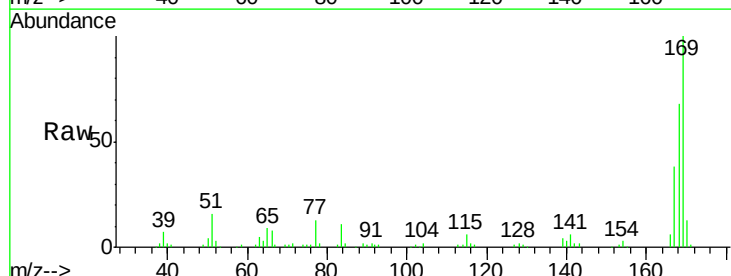
Tgt Ion:169 Resp: 113832

Ion Ratio Lower Upper

169 100

168 68.0 53.8 80.6

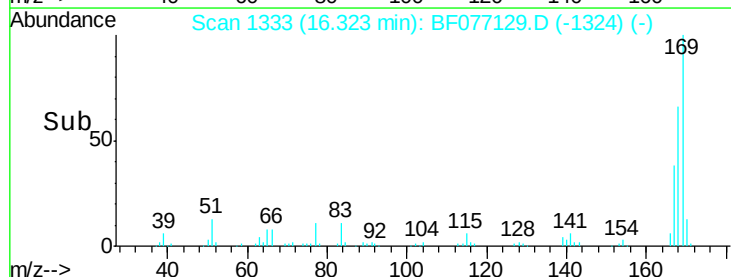
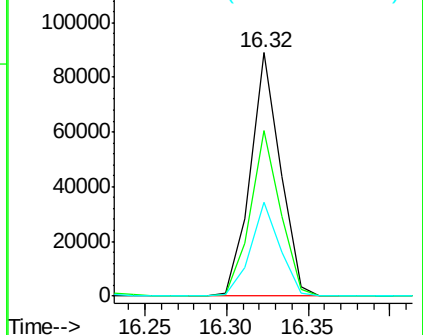
167 38.4 27.8 41.6

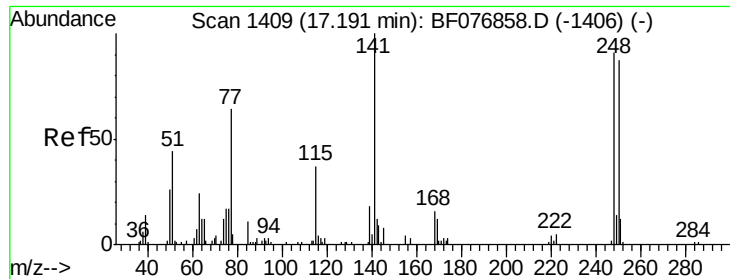


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

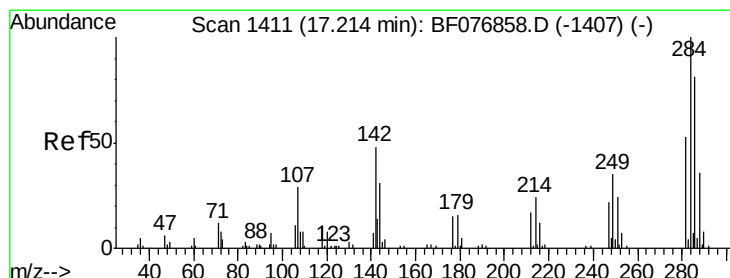
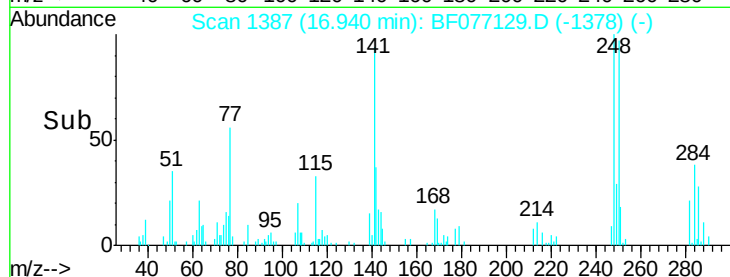
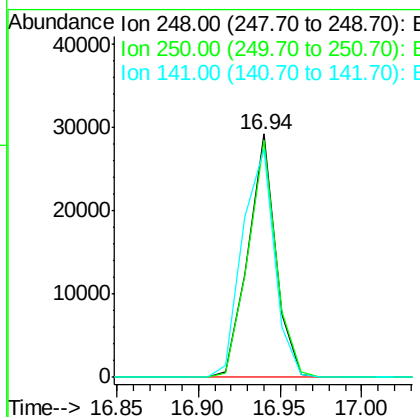
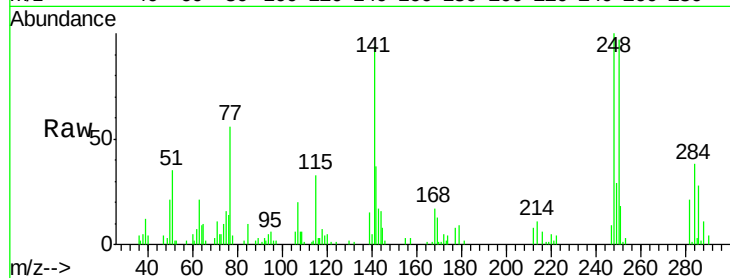




#66
4-Bromophenyl-phenylether
Concen: 29.83 ng
RT: 16.94 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BF077129.D
Acq: 29 Jan 2015 18:12

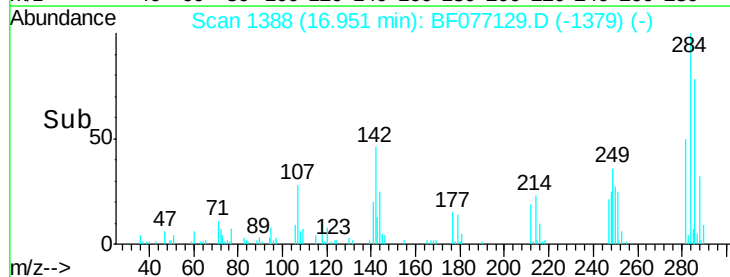
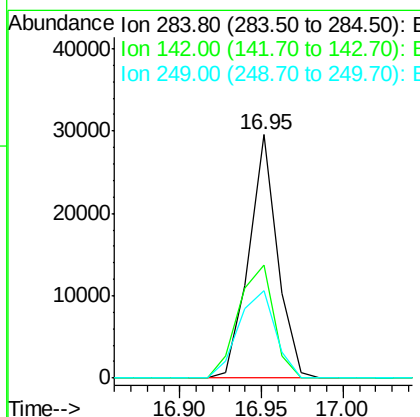
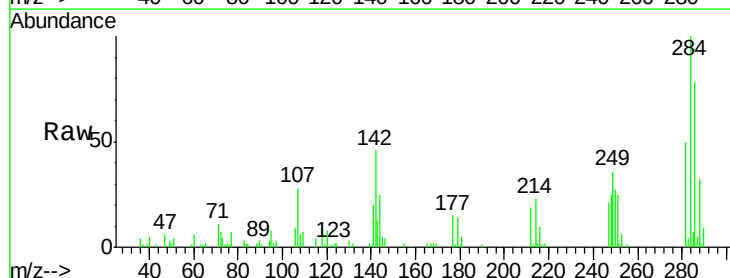
Instrument :
BNA_F
ClientSampleId :

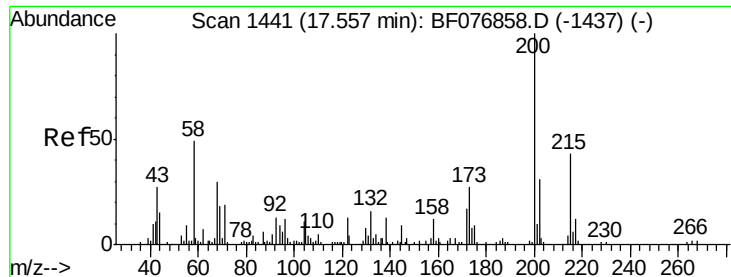
Tot Ion:248 Resp: 34277
Ion Ratio Lower Upper
248 100
250 97.2 77.1 115.7
141 93.7 88.2 132.4



#67
Hexachlorobenzene
Concen: 29.73 ng
RT: 16.95 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BF077129.D
Acq: 29 Jan 2015 18:12

Tgt Ion:284 Resp: 36004
Ion Ratio Lower Upper
284 100
142 46.3 38.2 57.4
249 35.9 28.2 42.2

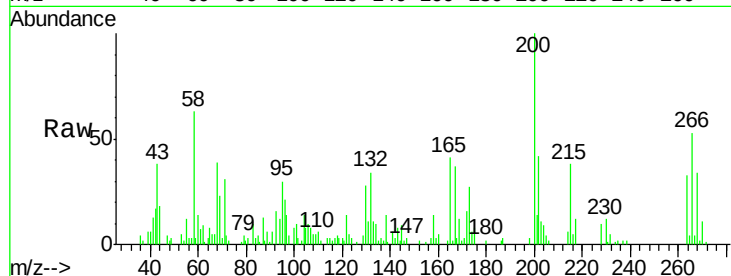




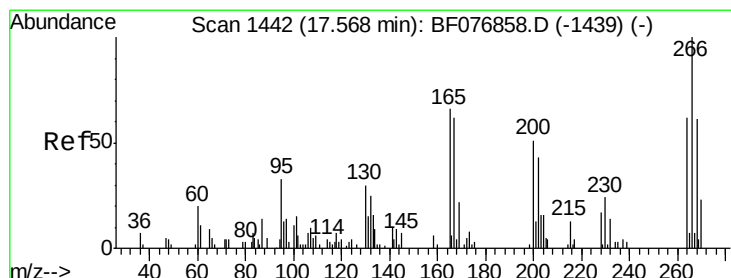
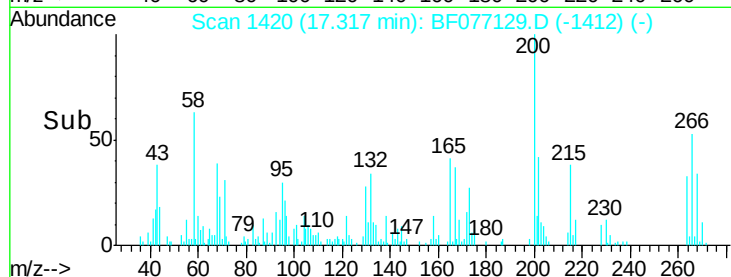
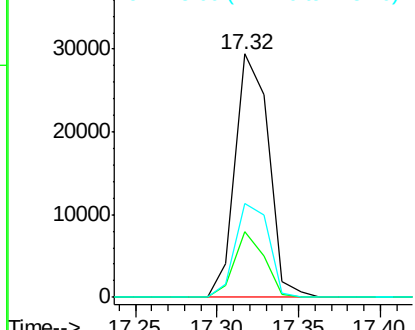
#68
Atrazine
Concen: 33.88 ng
RT: 17.32 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF077129.D
Acq: 29 Jan 2015 18:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:200 Resp: 41572
Ion Ratio Lower Upper
200 100
173 26.8 6.6 46.6
215 38.4 22.9 62.9

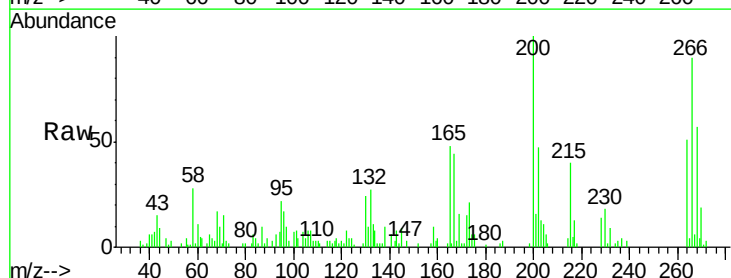


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

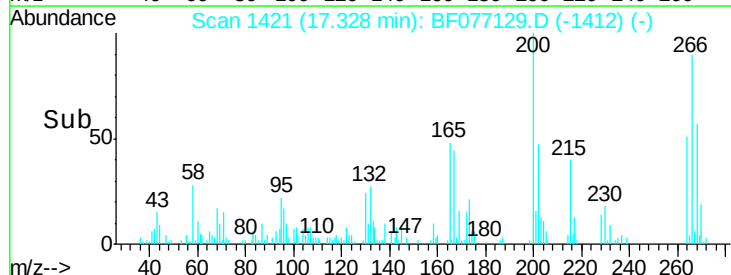
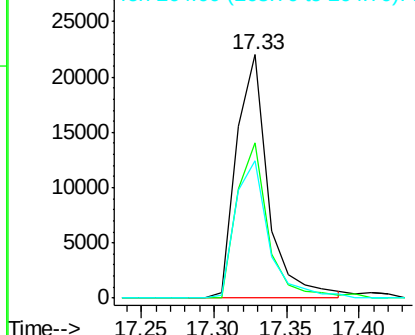


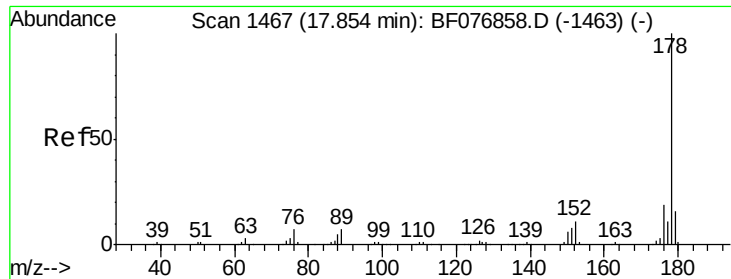
#69
Pentachlorophenol
Concen: 62.19 ng
RT: 17.33 min Scan# 1421
Delta R.T. -0.00 min
Lab File: BF077129.D
Acq: 29 Jan 2015 18:12

Tgt Ion:266 Resp: 33609
Ion Ratio Lower Upper
266 100
268 63.7 48.6 72.8
264 56.7 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

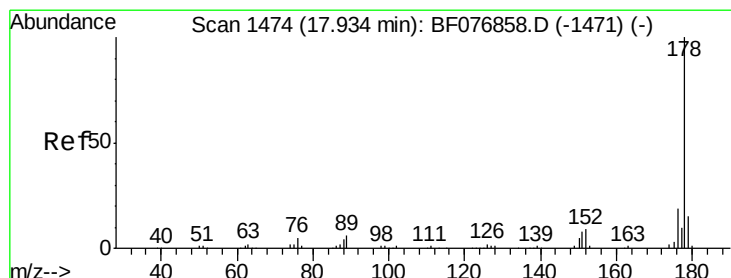
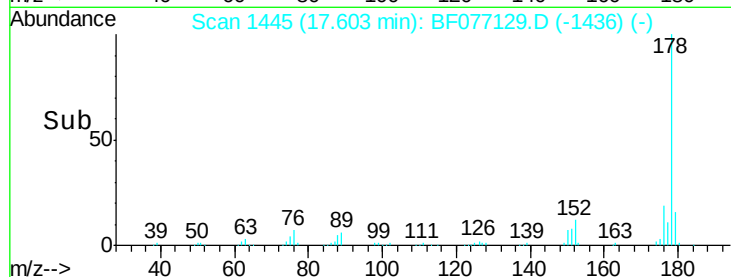
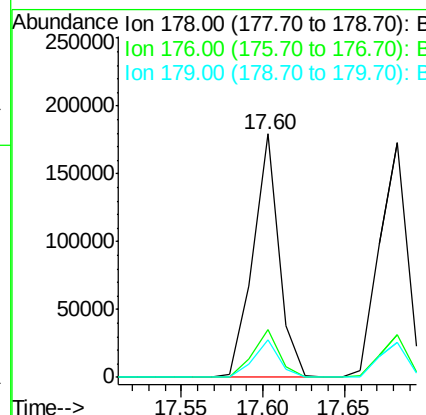
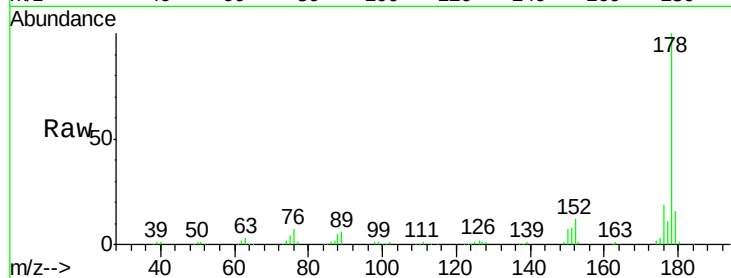




#70
 Phenanthrene
 Concen: 28.10 ng
 RT: 17.60 min Scan# 1445
 Delta R.T. -0.00 min
 Lab File: BF077129.D
 Acq: 29 Jan 2015 18:12

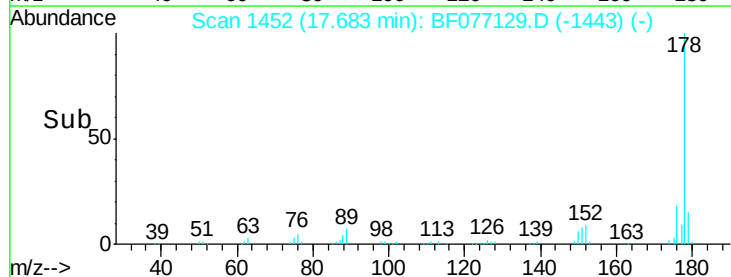
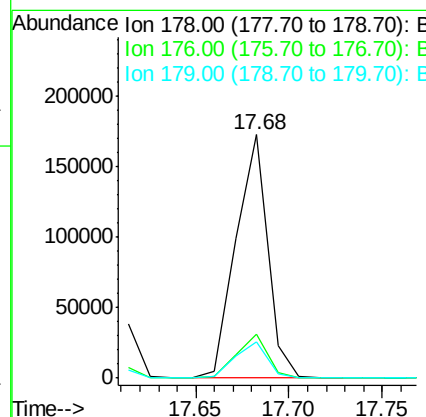
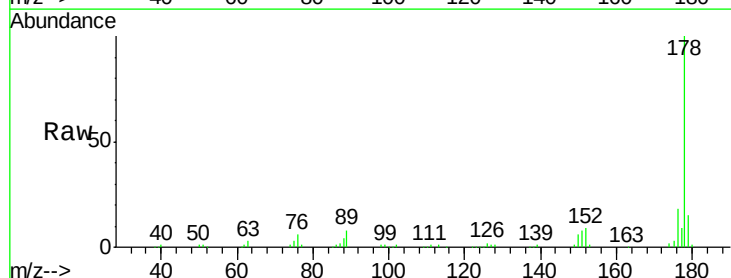
Instrument :
 BNA_F
 ClientSampled :

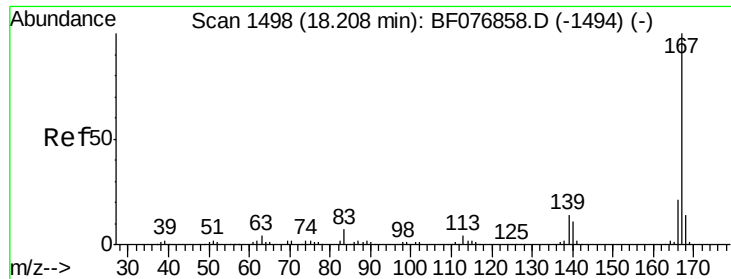
Tot Ion:178 Resp: 198773
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.1 22.7
 179 15.5 12.7 19.1



#71
 Anthracene
 Concen: 29.94 ng
 RT: 17.68 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: BF077129.D
 Acq: 29 Jan 2015 18:12

Tgt Ion:178 Resp: 206504
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.4 23.0
 179 14.8 11.9 17.9

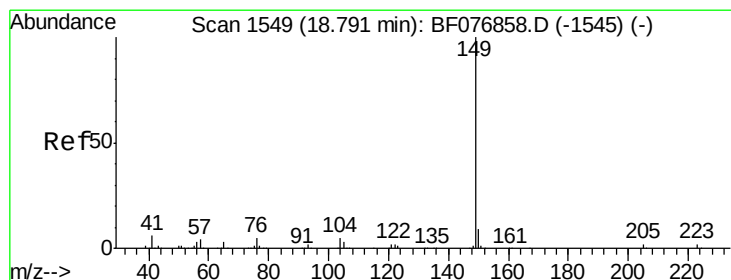
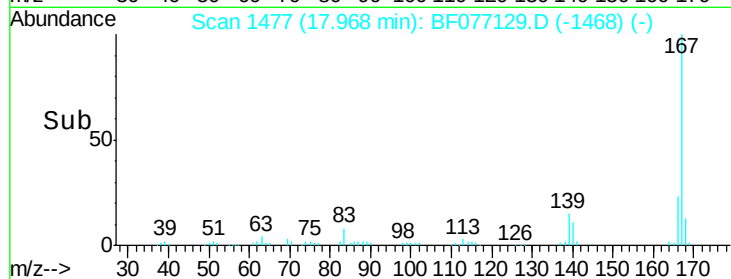
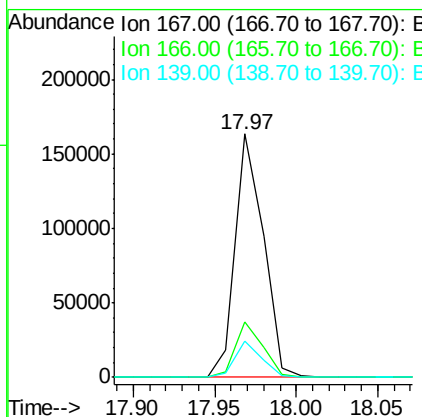
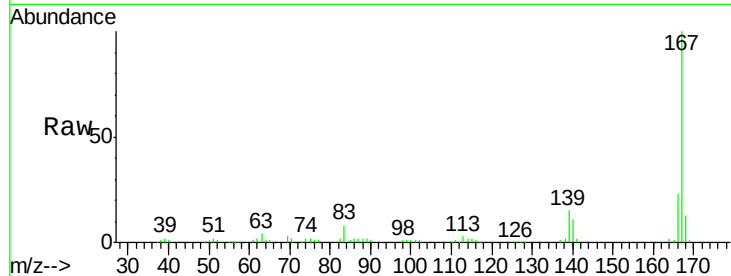




#72
 Carbazole
 Concen: 29.20 ng
 RT: 17.97 min Scan# 1477
 Delta R.T. -0.00 min
 Lab File: BF077129.D
 Acq: 29 Jan 2015 18:12

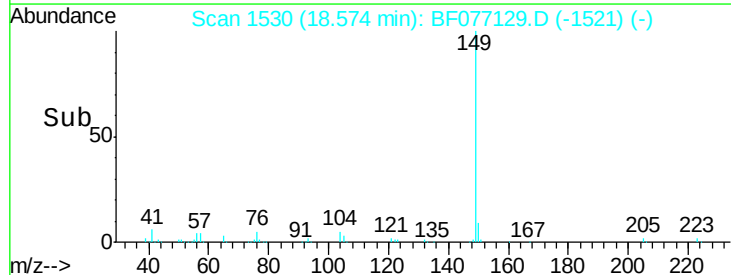
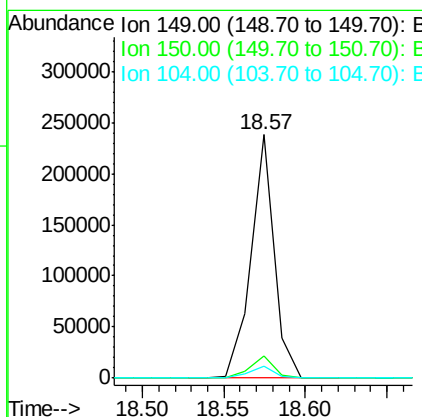
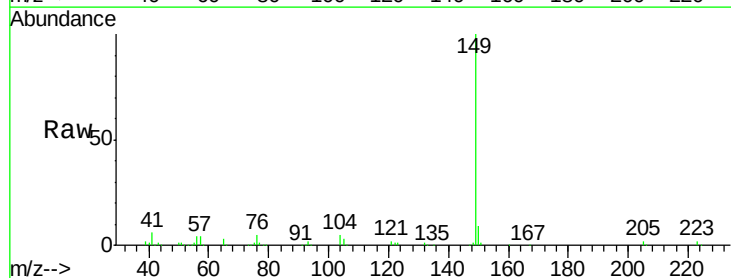
Instrument :
 BNA_F
 ClientSampleId :

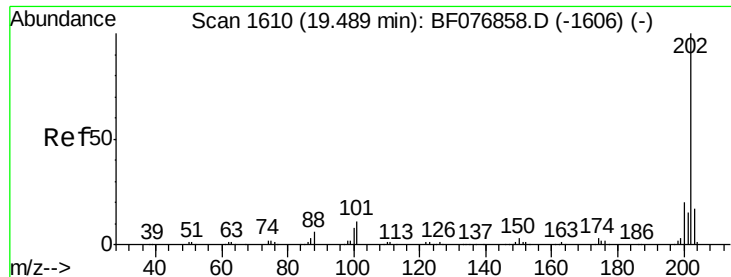
Tot Ion:167 Resp: 195329
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.0 25.6
 139 14.8 11.3 16.9



#73
 Di-n-butylphthalate
 Concen: 30.35 ng
 RT: 18.57 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: BF077129.D
 Acq: 29 Jan 2015 18:12

Tgt Ion:149 Resp: 234985
 Ion Ratio Lower Upper
 149 100
 150 8.9 6.9 10.3
 104 4.9 3.7 5.5

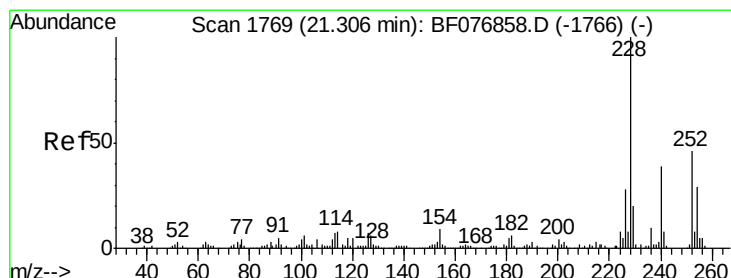
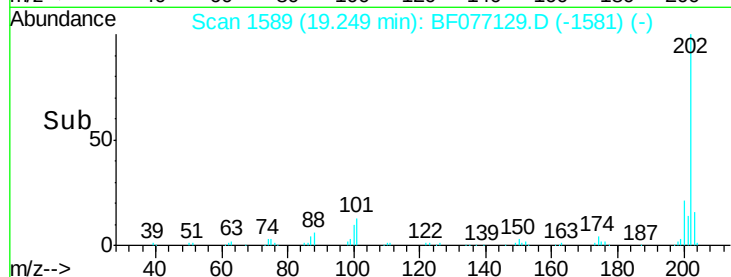
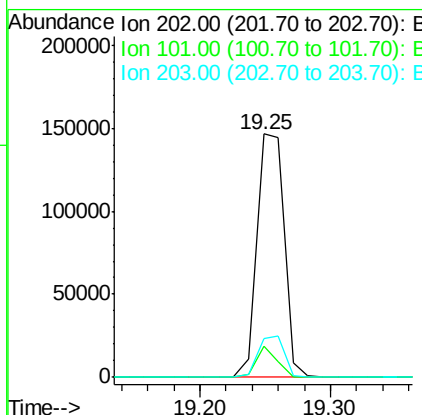
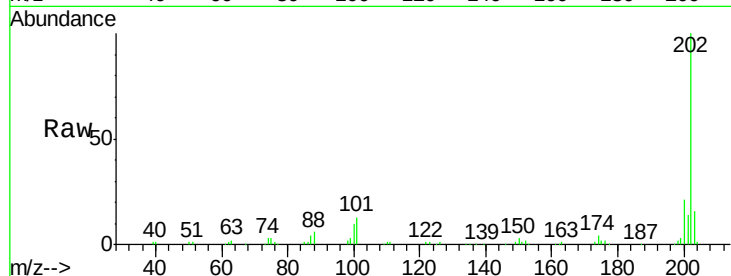




#74
 Fluoranthene
 Concen: 29.45 ng
 RT: 19.25 min Scan# 1589
 Delta R.T. -0.01 min
 Lab File: BF077129.D
 Acq: 29 Jan 2015 18:12

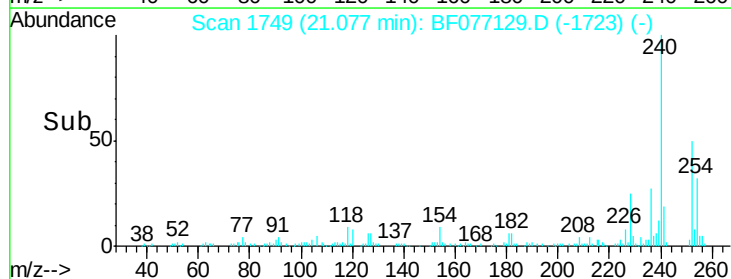
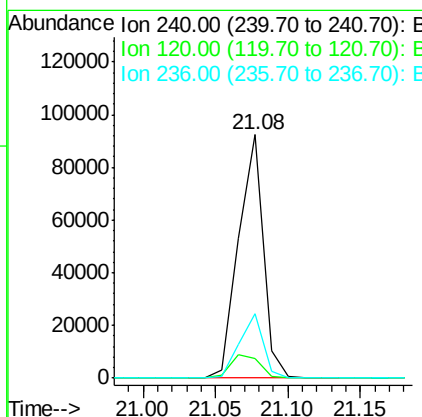
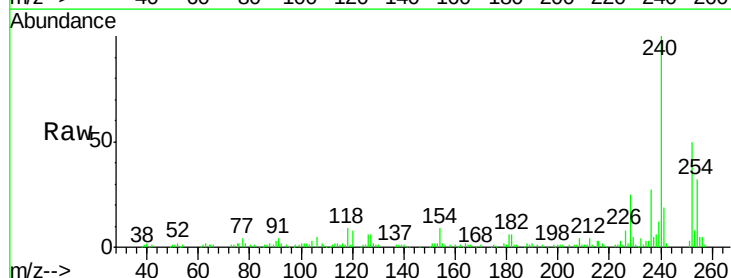
Instrument :
 BNA_F
 ClientSampleId :

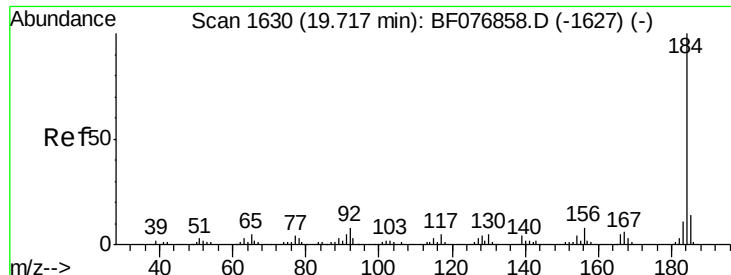
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	30.7
203	16.0	0.0	36.9



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.08 min Scan# 1749
 Delta R.T. -0.00 min
 Lab File: BF077129.D
 Acq: 29 Jan 2015 18:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.3	10.4	15.6#
236	26.5	20.2	30.2





#76

Benzidine

Concen: 23.07 ng

RT: 19.50 min Scan# 1611

Delta R.T. -0.00 min

Lab File: BF077129.D

Acq: 29 Jan 2015 18:12

Instrument :

BNA_F

ClientSampleId :

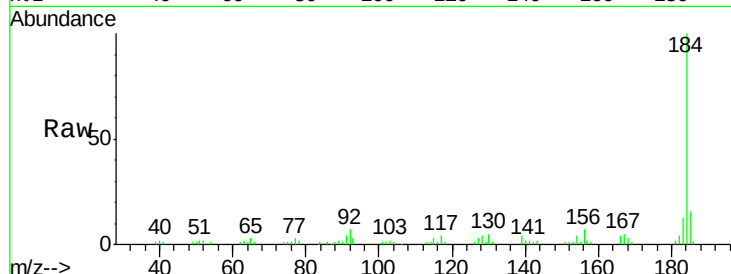
Tot Ion:184 Resp: 81150

Ion Ratio Lower Upper

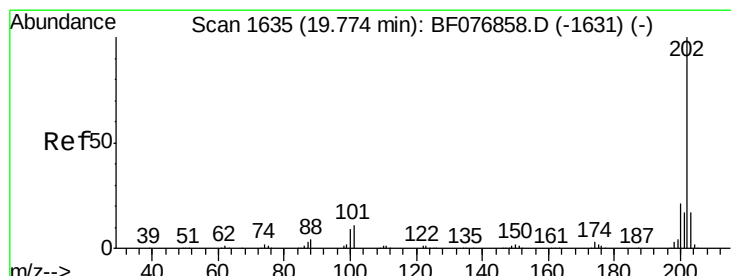
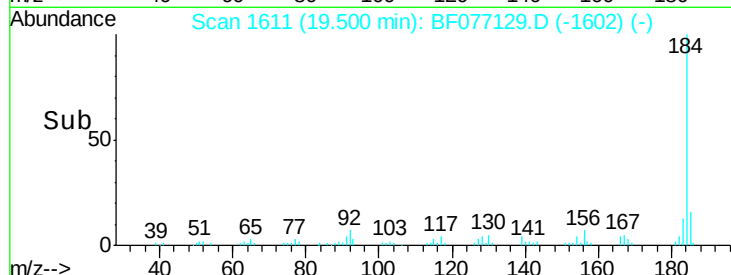
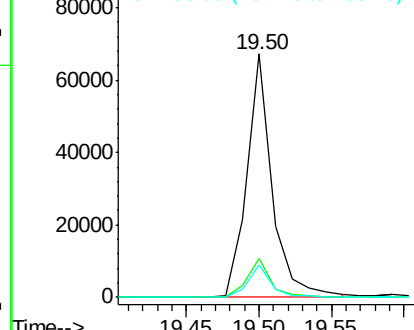
184 100

185 15.9 11.4 17.2

183 13.5 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: 28.81 ng

RT: 19.53 min Scan# 1614

Delta R.T. -0.00 min

Lab File: BF077129.D

Acq: 29 Jan 2015 18:12

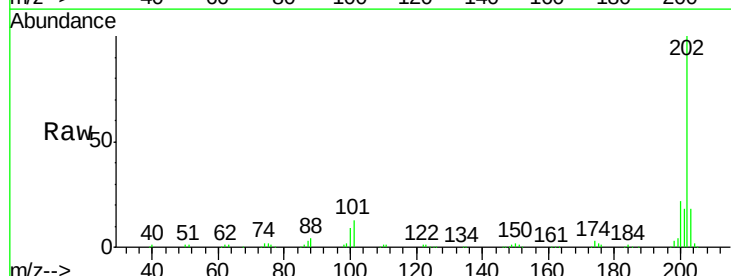
Tgt Ion:202 Resp: 217034

Ion Ratio Lower Upper

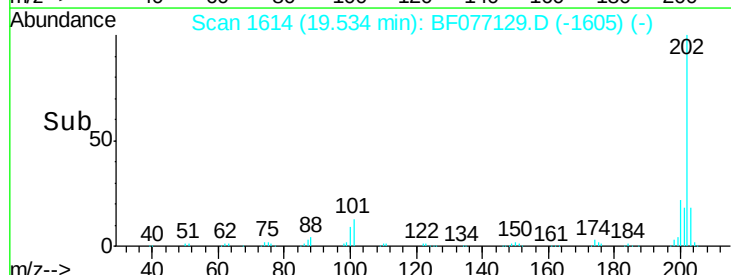
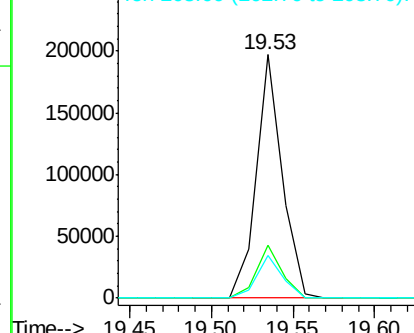
202 100

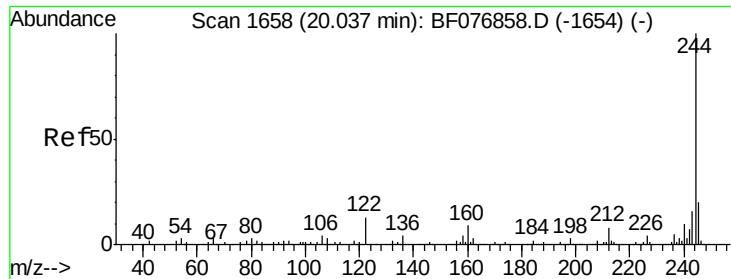
200 21.6 16.7 25.1

203 17.6 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: 56.77 ng

RT: 19.81 min Scan# 1638

Delta R.T. -0.00 min

Lab File: BF077129.D

Acq: 29 Jan 2015 18:12

Instrument :

BNA_F

ClientSampleId :

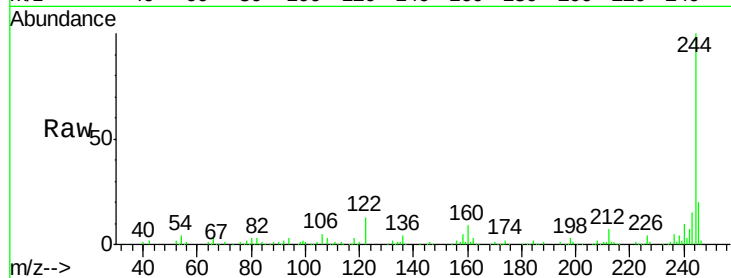
Tot Ion:244 Resp: 271019

Ion Ratio Lower Upper

244 100

212 7.1 6.3 9.5

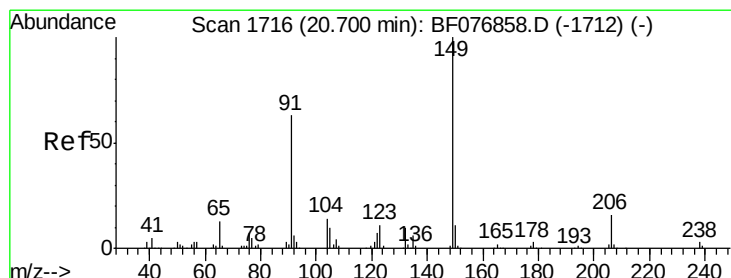
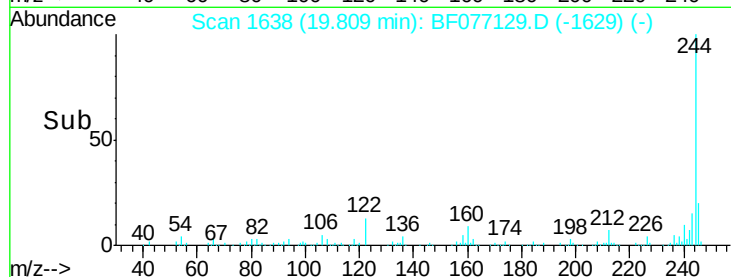
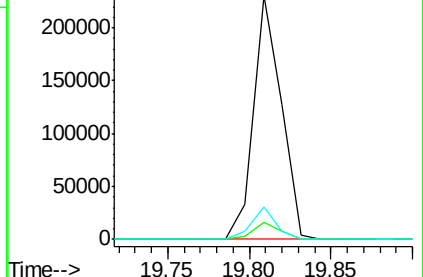
122 13.4 10.1 15.1



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: 31.35 ng

RT: 20.48 min Scan# 1697

Delta R.T. 0.01 min

Lab File: BF077129.D

Acq: 29 Jan 2015 18:12

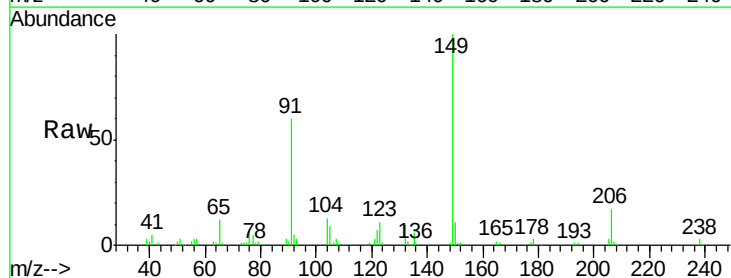
Tgt Ion:149 Resp: 106937

Ion Ratio Lower Upper

149 100

91 60.5 50.6 76.0

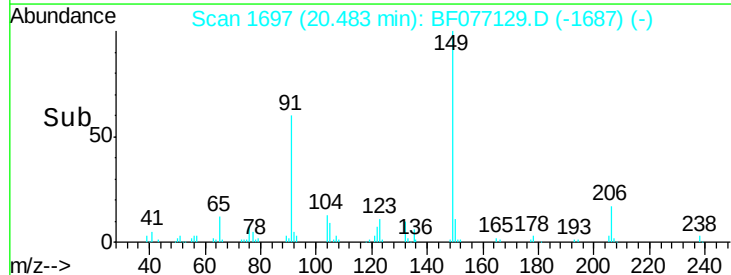
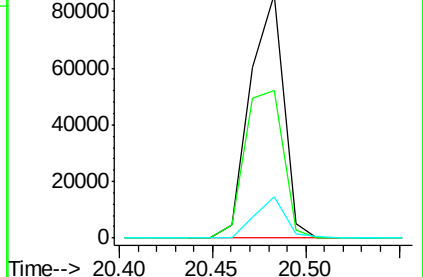
206 16.8 12.8 19.2

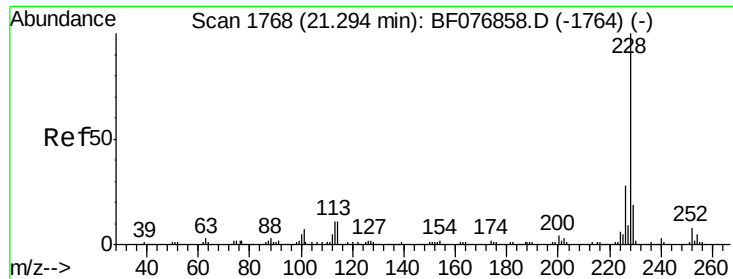


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 30.67 ng

RT: 21.07 min Scan# 1748

Delta R.T. -0.00 min

Lab File: BF077129.D

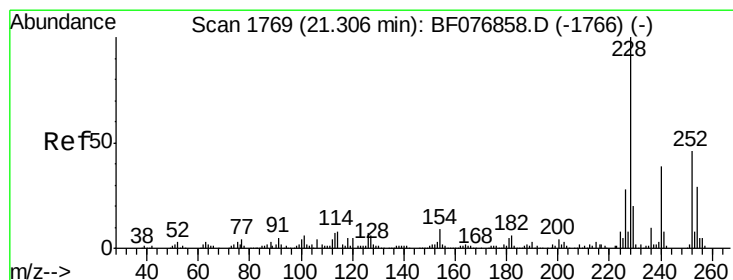
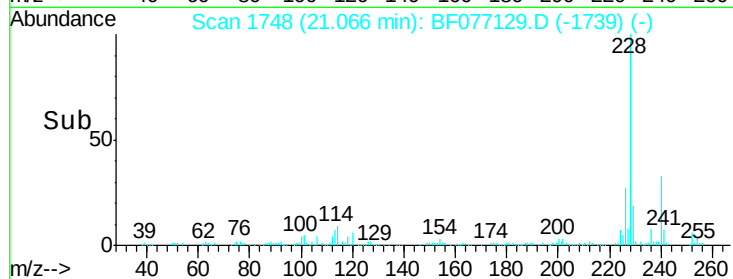
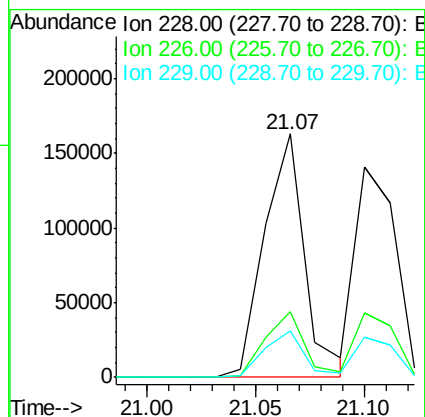
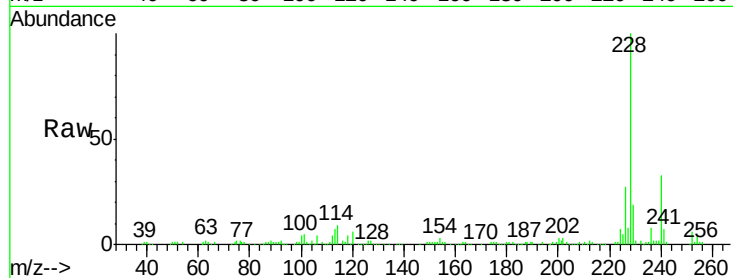
Acq: 29 Jan 2015 18:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	228	Resp:	211510
Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.1	33.1
229	19.1	15.5	23.3



#81

3,3'-Dichlorobenzidine

Concen: 20.99 ng

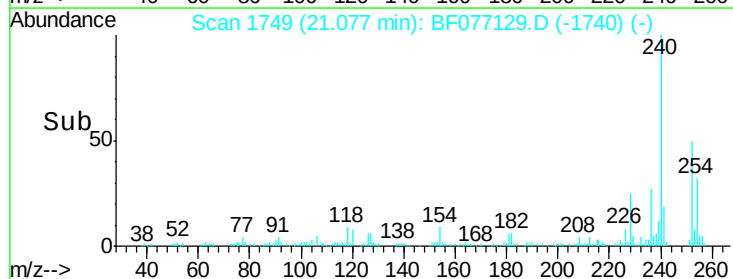
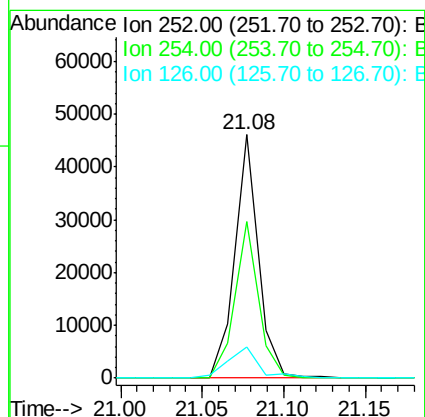
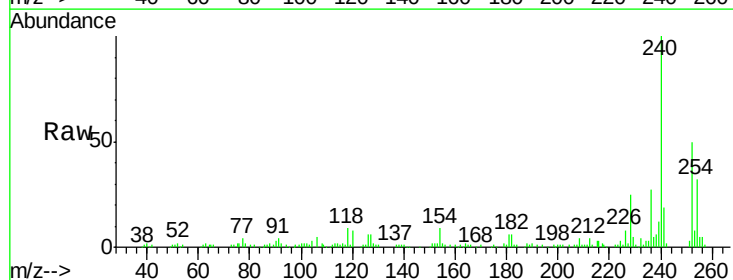
RT: 21.08 min Scan# 1749

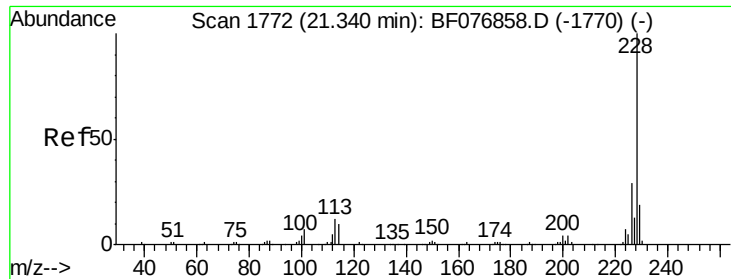
Delta R.T. -0.00 min

Lab File: BF077129.D

Acq: 29 Jan 2015 18:12

Tgt Ion:	252	Resp:	45995
Ion	Ratio	Lower	Upper
252	100		
254	64.2	50.2	75.4
126	13.0	11.5	17.3





#82

Chrysene

Concen: 28.94 ng

RT: 21.10 min Scan# 1751

Delta R.T. -0.01 min

Lab File: BF077129.D

Acq: 29 Jan 2015 18:12

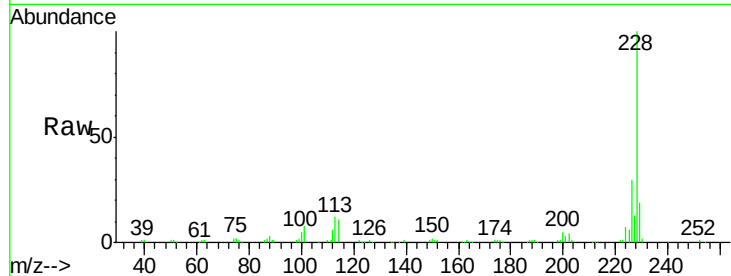
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 181987

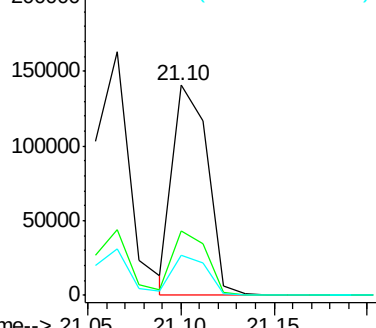
Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.4	35.0
229	18.8	15.4	23.0



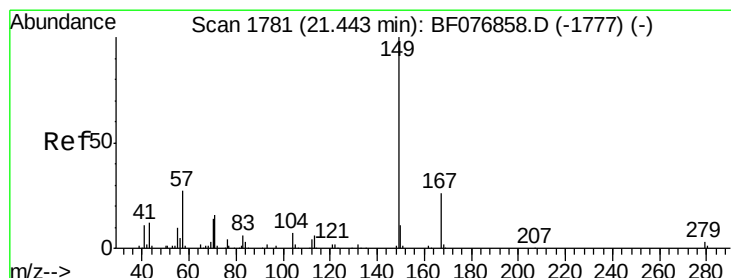
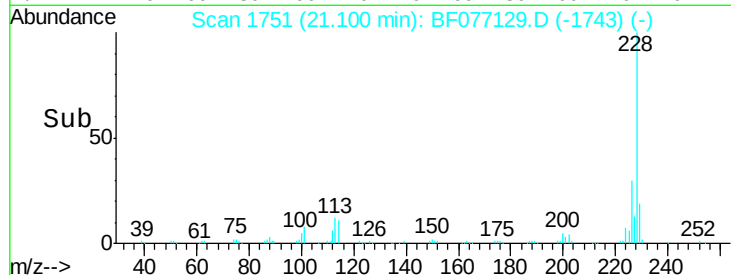
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time--> 21.05 21.10 21.15



#83

Bis(2-ethylhexyl)phthalate

Concen: 30.93 ng

RT: 21.21 min Scan# 1761

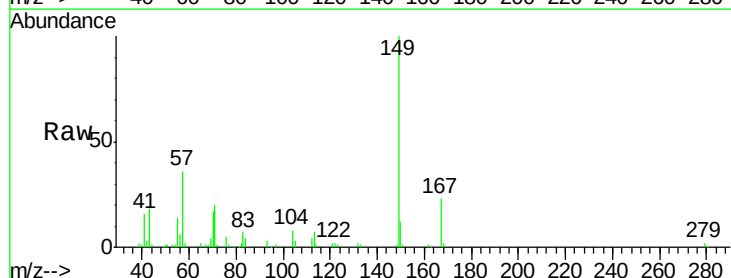
Delta R.T. -0.00 min

Lab File: BF077129.D

Acq: 29 Jan 2015 18:12

Tgt Ion:149 Resp: 145981

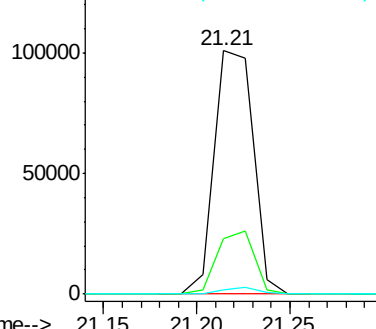
Ion	Ratio	Lower	Upper
149	100		
167	22.7	20.6	30.8
279	1.7	2.2	3.2#



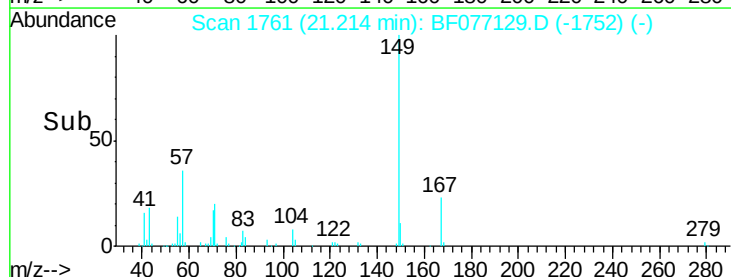
Abundance Ion 149.00 (148.70 to 149.70): E

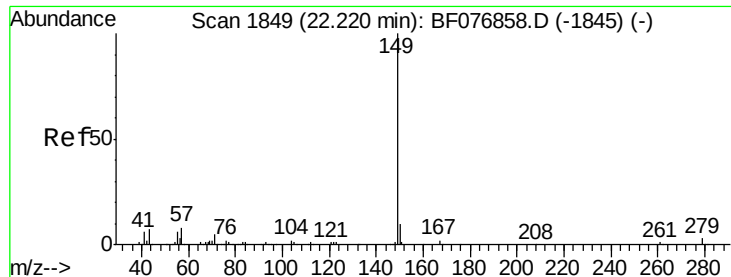
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time--> 21.15 21.20 21.25





#84

Di-n-octyl phthalate

Concen: 31.86 ng

RT: 21.98 min Scan# 1828

Delta R.T. -0.00 min

Lab File: BF077129.D

Acq: 29 Jan 2015 18:12

Instrument :

BNA_F

ClientSampleId :

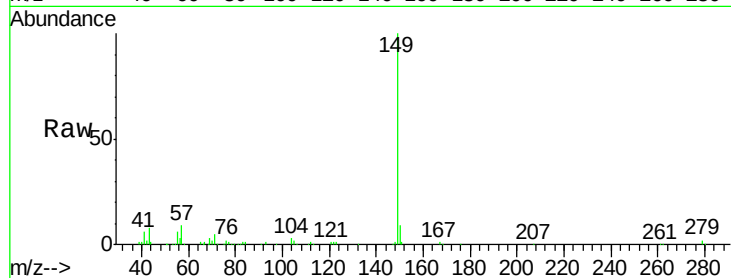
Tot Ion:149 Resp: 261014

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

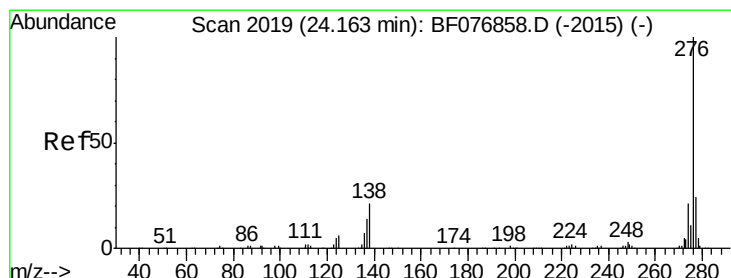
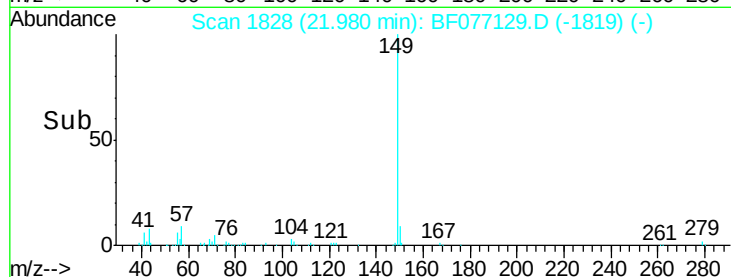
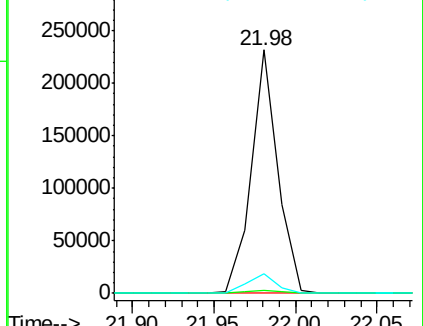
43 8.8 6.6 10.0



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: 29.80 ng

RT: 23.80 min Scan# 1987

Delta R.T. -0.03 min

Lab File: BF077129.D

Acq: 29 Jan 2015 18:12

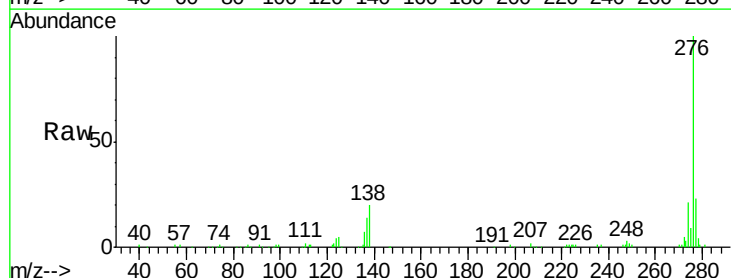
Tgt Ion:276 Resp: 198611

Ion Ratio Lower Upper

276 100

138 26.3 14.6 22.0#

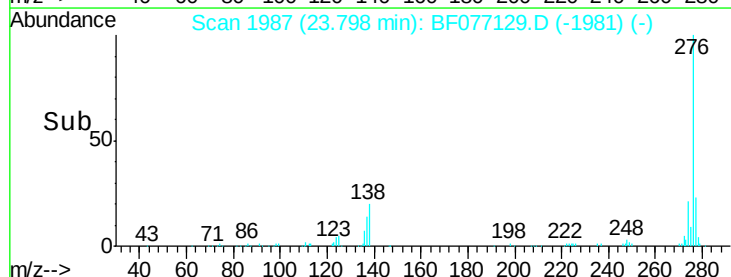
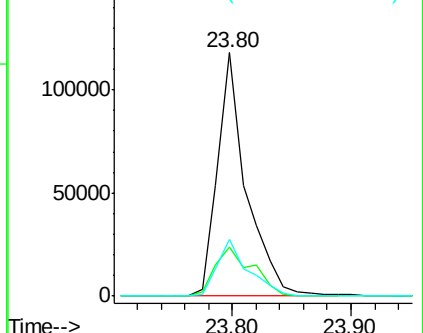
277 24.7 14.8 22.2#

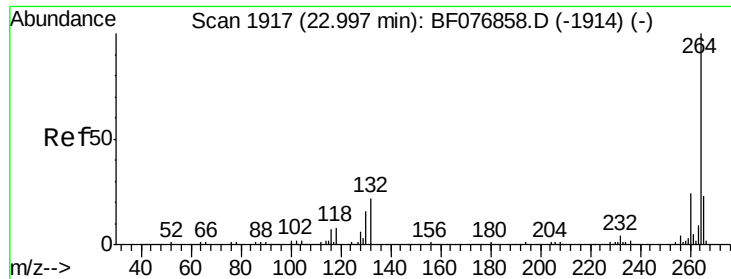


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



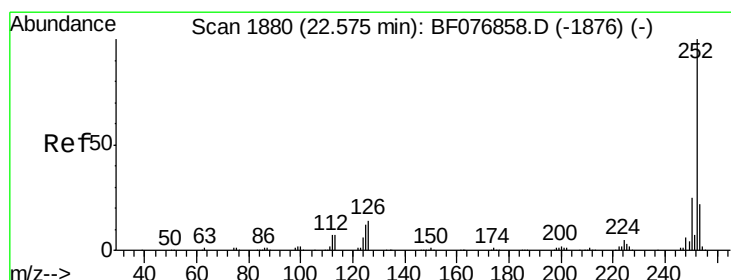
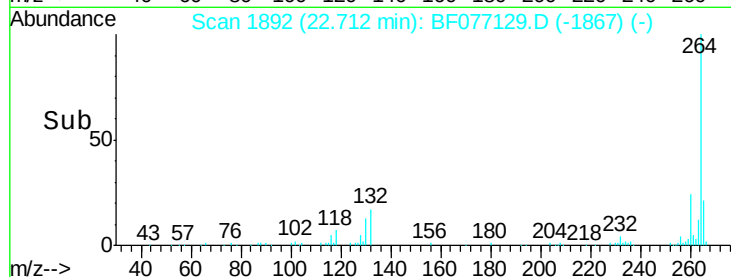
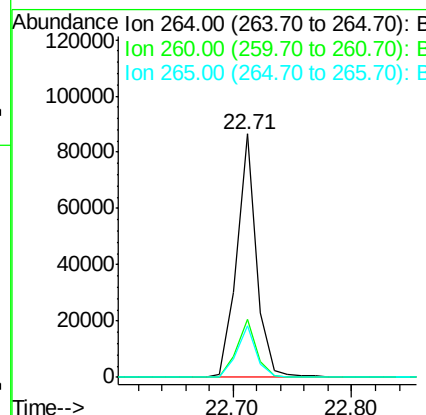
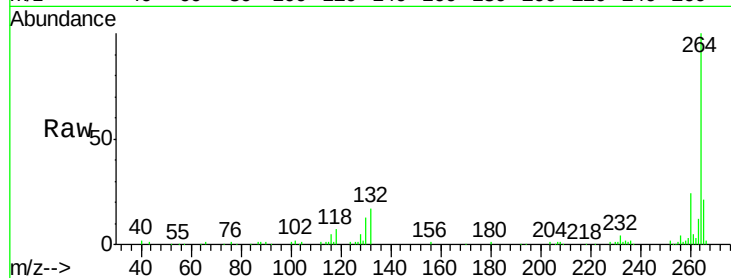


#86
Pervlene-d12
Concen: 20.00 ng
RT: 22.71 min Scan# 1892
Delta R.T. -0.01 min
Lab File: BF077129.D
Acq: 29 Jan 2015 18:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 99330

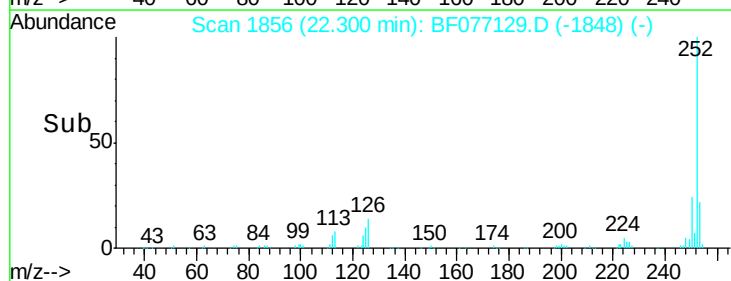
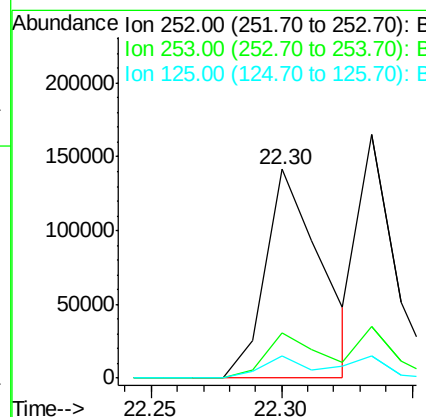
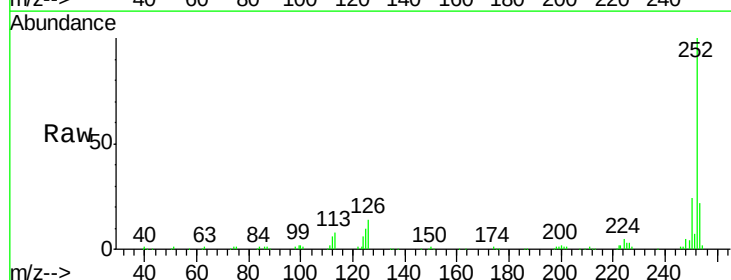
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.4
265	21.3	18.1	27.1

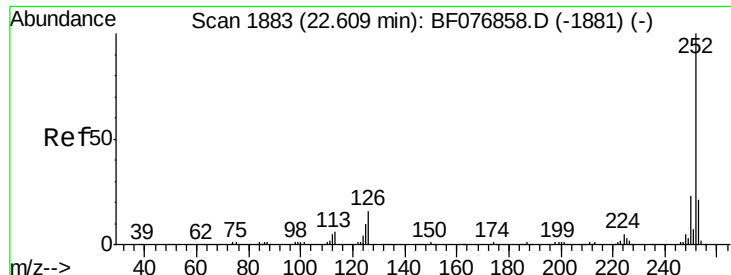


#87
Benzo(b)fluoranthene
Concen: 31.69 ng
RT: 22.30 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BF077129.D
Acq: 29 Jan 2015 18:12

Tgt Ion:252 Resp: 212021

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	10.4	9.4	14.0





#88

Benzo(k)fluoranthene

Concen: 36.27 ng

RT: 22.30 min Scan# 1856

Delta R.T. -0.05 min

Lab File: BF077129.D

Acq: 29 Jan 2015 18:12

Instrument :

BNA_F

ClientSampleId :

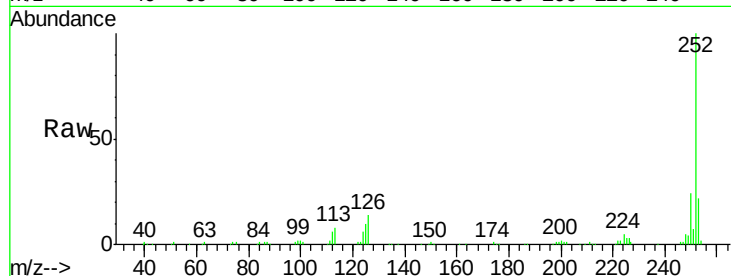
Tot Ion:252 Resp: 212021

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

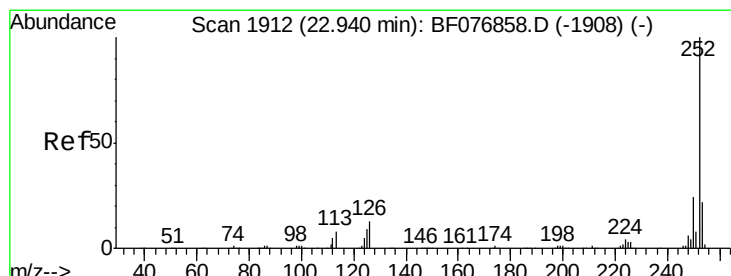
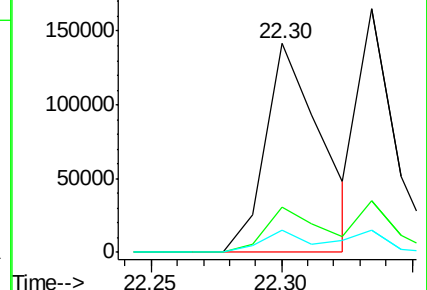
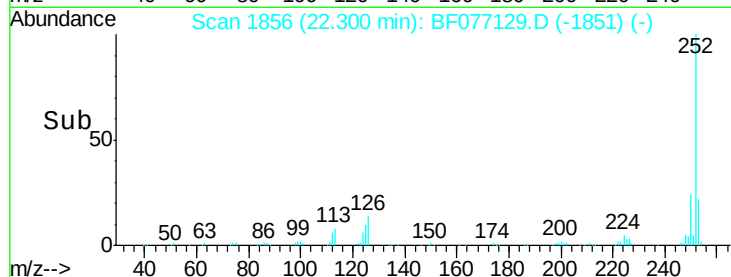
125 10.4 7.1 10.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 30.22 ng

RT: 22.65 min Scan# 1887

Delta R.T. -0.01 min

Lab File: BF077129.D

Acq: 29 Jan 2015 18:12

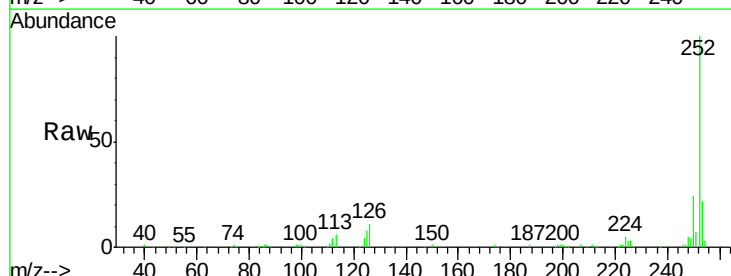
Tgt Ion:252 Resp: 178337

Ion Ratio Lower Upper

252 100

253 21.6 17.9 26.9

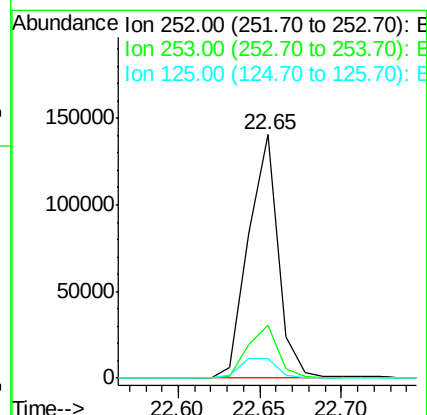
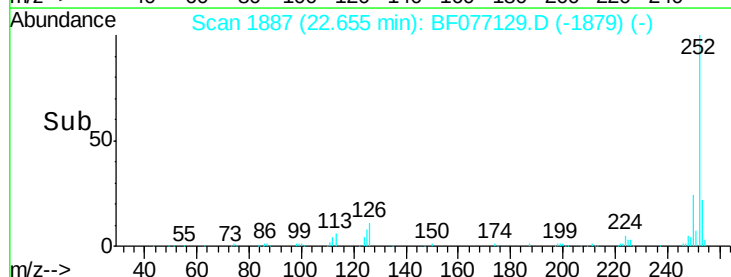
125 8.2 7.2 10.8

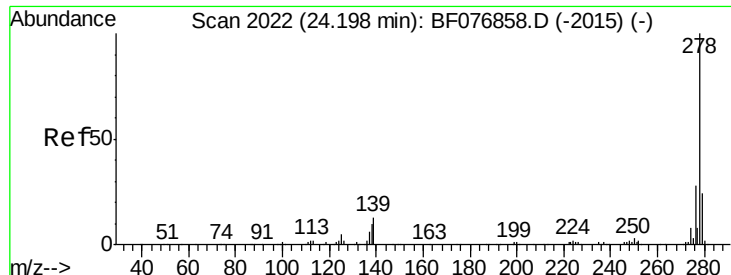


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



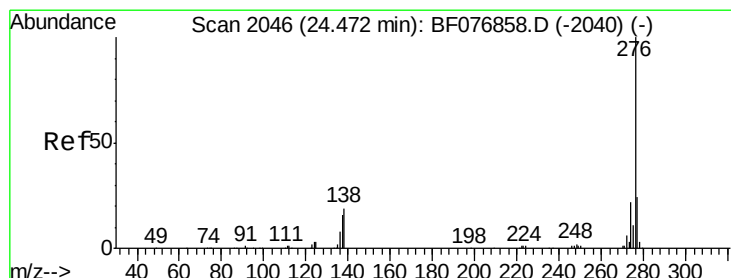
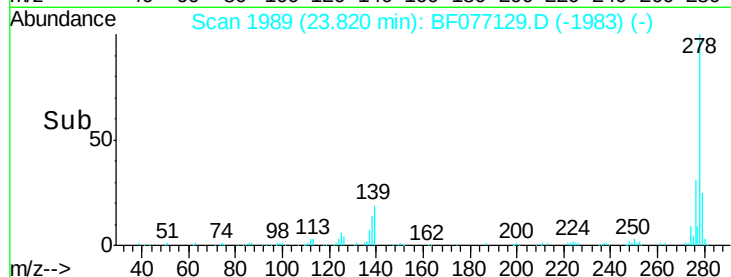
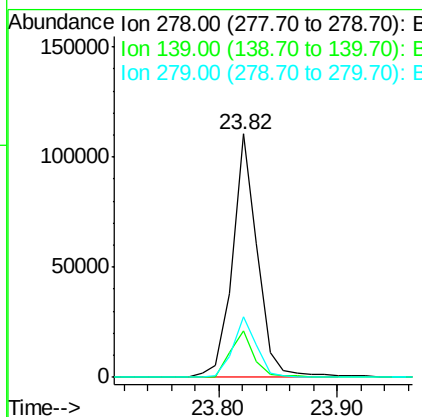
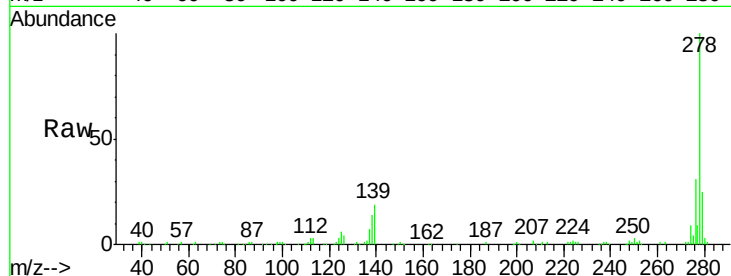


#90
Dibenzo(a,h)anthracene
Concen: 29.82 ng
RT: 23.82 min Scan# 1989
Delta R.T. -0.03 min
Lab File: BF077129.D
Acq: 29 Jan 2015 18:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 161450

Ion	Ratio	Lower	Upper
278	100		
139	19.1	10.5	15.7#
279	24.7	19.3	28.9



#91
Benzo(g,h,i)perylene
Concen: 30.36 ng
RT: 24.06 min Scan# 2010
Delta R.T. -0.05 min
Lab File: BF077129.D
Acq: 29 Jan 2015 18:12

Tgt Ion:276 Resp: 163422

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.5	29.3
138	27.0	15.0	22.6#

