

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 :
 PB81560BS

Quant Time: Jan 30 01:41:10 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 01:31:55 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	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.71	112	167833	97.23	ng	0.00
7) Phenol-d6	7.10	99	206327	94.75	ng	0.00
23) Nitrobenzene-d5	8.98	82	129587	59.12	ng	0.00
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
2) 1,4-Dioxane	1.12	88	15954m	21.59	ng	
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	48080	29.56	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	92380	31.06	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	54739	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	25176	26.32	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	13183	27.82	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

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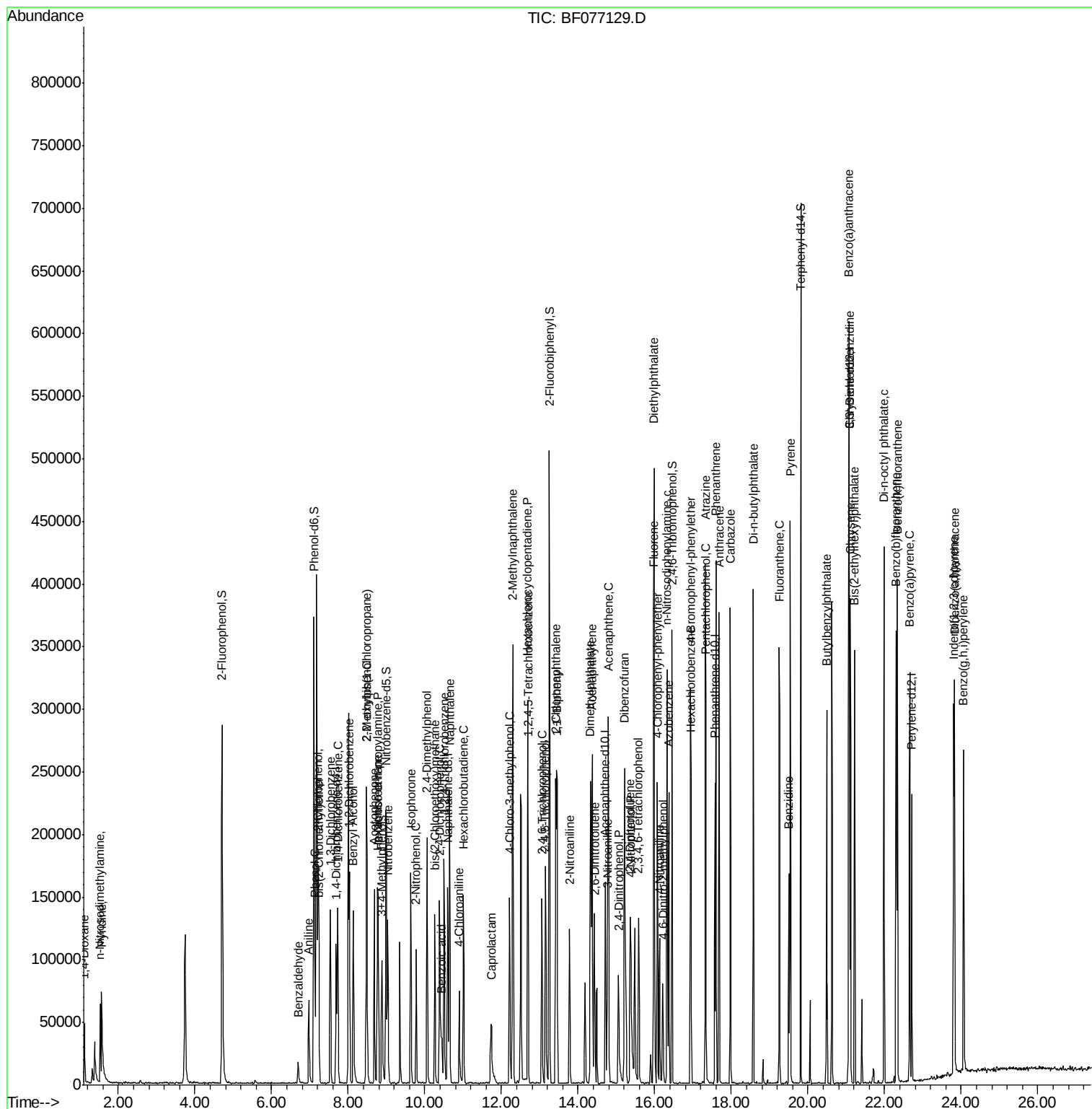
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.05	196	35231	29.48	ng	94
43) 2,4,5-Trichlorophenol	13.15	196	36227	29.72	ng	# 91
45) 1,1'-Biphenyl	13.45	154	148242	30.14	ng	98
46) 2-Chloronaphthalene	13.42	162	119086	29.42	ng	98
47) 2-Nitroaniline	13.77	65	39528	32.19	ng	85
48) Acenaphthylene	14.37	152	193760	28.38	ng	100
49) Dimethylphthalate	14.32	163	141680	30.11	ng	99
50) 2,6-Dinitrotoluene	14.43	165	29368	31.24	ng	97
51) Acenaphthene	14.79	154	108586	28.03	ng	96
52) 3-Nitroaniline	14.77	138	22694	19.60	ng	95
53) 2,4-Dinitrophenol	15.05	184	22753	55.75	ng	88
54) Dibenzofuran	15.21	168	168708	29.90	ng	99
55) 4-Nitrophenol	15.37	139	38506	52.21	ng	99
56) 2,4-Dinitrotoluene	15.35	165	40216	29.39	ng	# 85
57) Fluorene	15.97	166	141189	29.53	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.58	232	28385	31.98	ng	# 96
59) Diethylphthalate	15.98	149	146094	30.72	ng	99
60) 4-Chlorophenyl-phenylether	16.07	204	59322	30.33	ng	94
61) 4-Nitroaniline	16.13	138	27676	24.09	ng	97
62) Azobenzene	16.37	77	149407	30.16	ng	98
64) 4,6-Dinitro-2-methylphenol	16.21	198	17628	25.82	ng	90
65) n-Nitrosodiphenylamine	16.32	169	113832	28.15	ng	97
66) 4-Bromophenyl-phenylether	16.94	248	34277	29.83	ng	91
67) Hexachlorobenzene	16.95	284	36004	29.73	ng	98
68) Atrazine	17.32	200	41569	33.87	ng	95
69) Pentachlorophenol	17.33	266	33609	62.19	ng	95
70) Phenanthrene	17.60	178	198773	28.10	ng	99
71) Anthracene	17.68	178	206504	29.94	ng	99
72) Carbazole	17.97	167	195329	29.20	ng	98
73) Di-n-butylphthalate	18.57	149	234985	30.35	ng	99
74) Fluoranthene	19.25	202	213463	29.45	ng	97
76) Benzidine	19.50	184	81150	23.07	ng	95
77) Pyrene	19.53	202	217034	28.81	ng	99
79) Butylbenzylphthalate	20.48	149	106937	31.35	ng	97
80) Benzo(a)anthracene	21.07	228	211510	30.67	ng	99
81) 3,3'-Dichlorobenzidine	21.08	252	45995	20.99	ng	98
82) Chrysene	21.10	228	180689	28.73	ng	98
83) Bis(2-ethylhexyl)phthalate	21.21	149	145981	30.93	ng	# 94
84) Di-n-octyl phthalate	21.98	149	261014	31.86	ng	99
85) Indeno(1,2,3-cd)pyrene	23.80	276	196405	29.47	ng	# 84
87) Benzo(b)fluoranthene	22.30	252	212021	31.69	ng	99
88) Benzo(k)fluoranthene	22.33	252	153188m	26.21	ng	
89) Benzo(a)pyrene	22.65	252	178337	30.22	ng	98
90) Dibenzo(a,h)anthracene	23.82	278	160219	29.59	ng	# 94
91) Benzo(g,h,i)perylene	24.06	276	161950	30.09	ng	# 92

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

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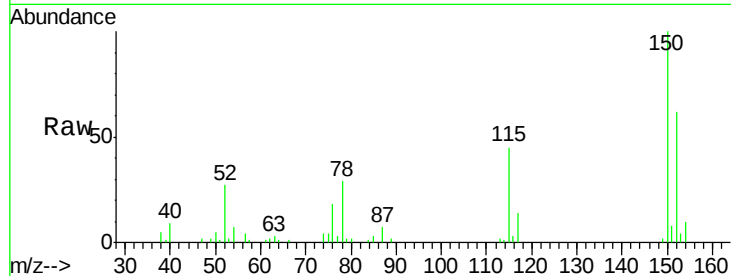


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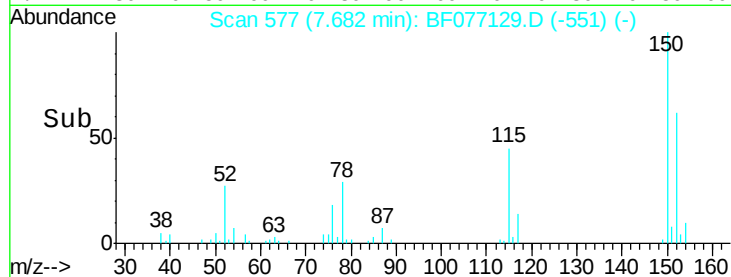
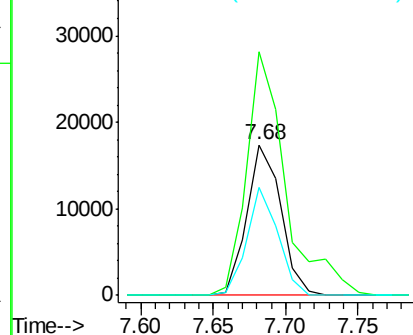
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.68 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF077129.D
Acq: 29 Jan 2015 18:12

Instrument :
BNA_F
ClientSampleId :
PB81560BS

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



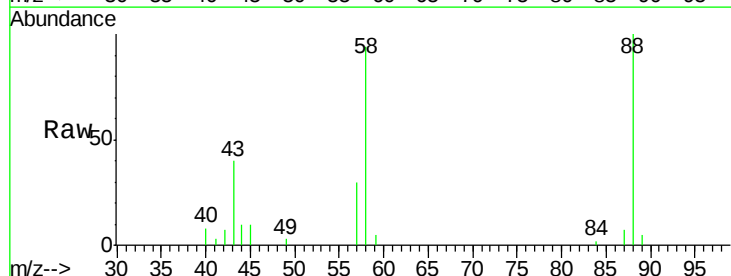
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



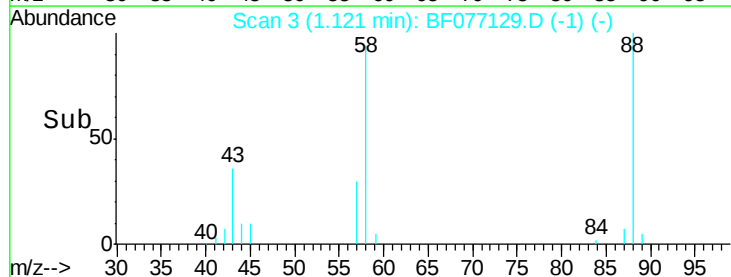
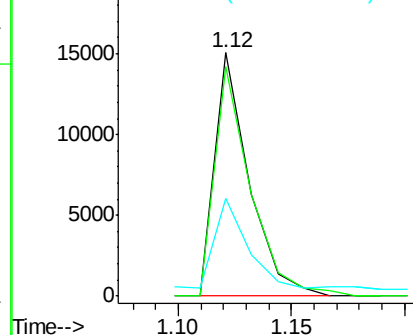
#2

1,4-Dioxane
Concen: 21.59 ng m
RT: 1.12 min Scan# 3
Delta R.T. 0.00 min
Lab File: BF077129.D
Acq: 29 Jan 2015 18:12

Tgt Ion: 88 Resp: 15954
Ion Ratio Lower Upper
88 100
58 0.0 77.0 115.4#
43 0.0 25.6 38.4#



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





#3

Pyridine

Concen: 24.93 ng

RT: 1.57 min Scan# 42

Delta R.T. 0.00 min

Lab File: BF077129.D

Acq: 29 Jan 2015 18:12

Instrument :

BNA_F

ClientSampleId :

PB81560BS

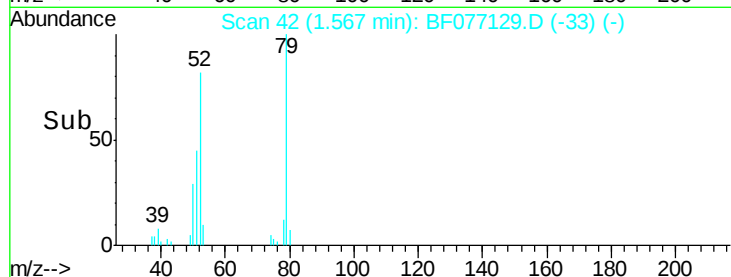
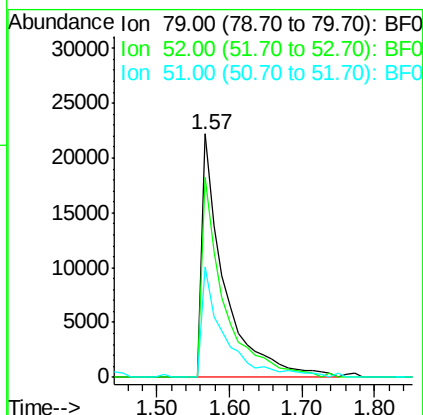
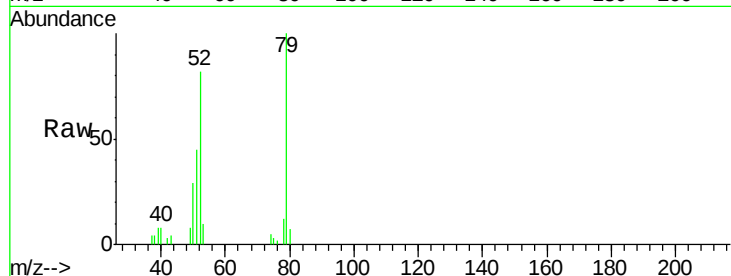
Tgt Ion: 79 Resp: 47673

Ion Ratio Lower Upper

79 100

52 82.4 70.1 105.1

51 45.4 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 29.77 ng

RT: 1.52 min Scan# 38

Delta R.T. 0.00 min

Lab File: BF077129.D

Acq: 29 Jan 2015 18:12

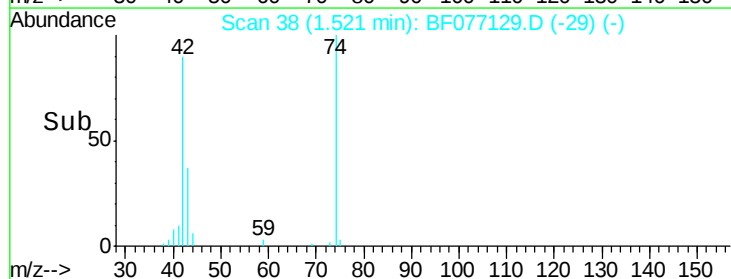
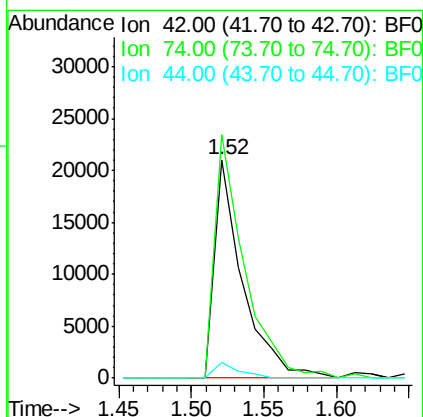
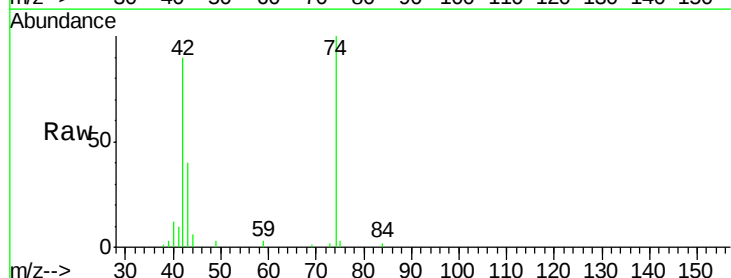
Tgt Ion: 42 Resp: 28205

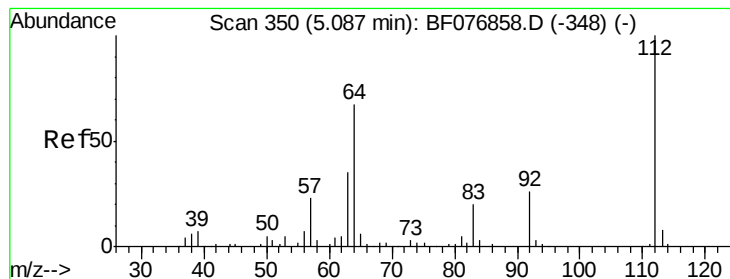
Ion Ratio Lower Upper

42 100

74 111.5 92.4 138.6

44 7.1 6.2 9.2

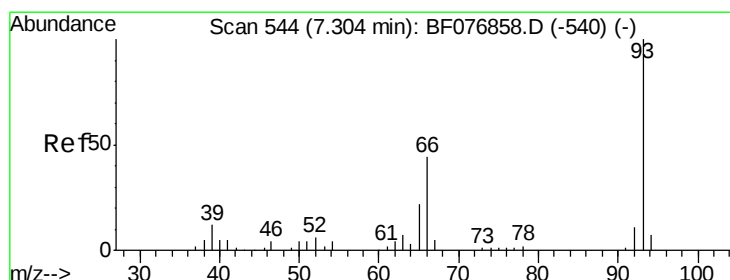
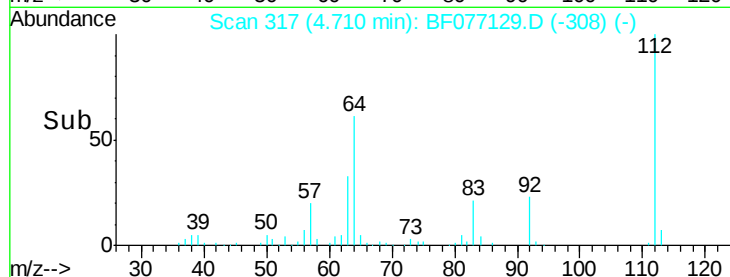
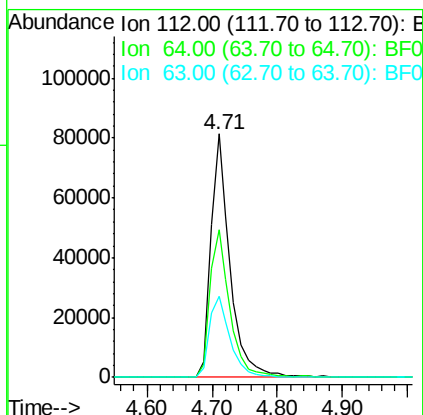
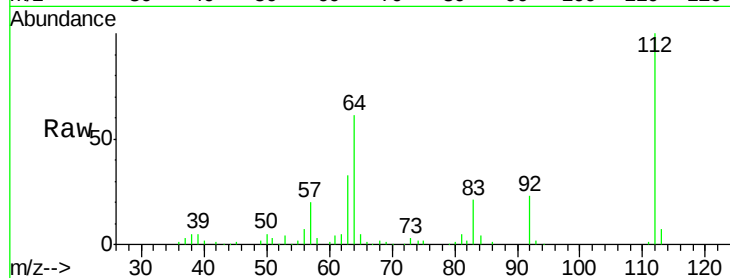




#5
 2-Fluorophenol
 Concen: 97.23 ng
 RT: 4.71 min Scan# 317
 Delta R.T. 0.00 min
 Lab File: BF077129.D
 Acq: 29 Jan 2015 18:12

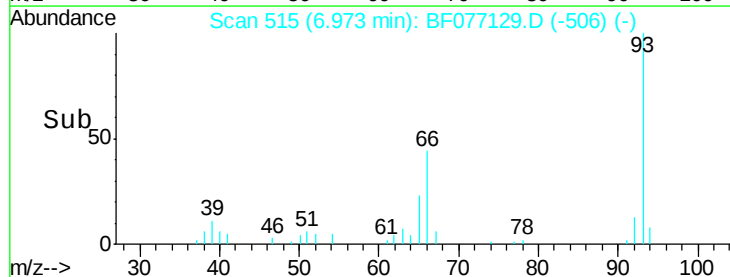
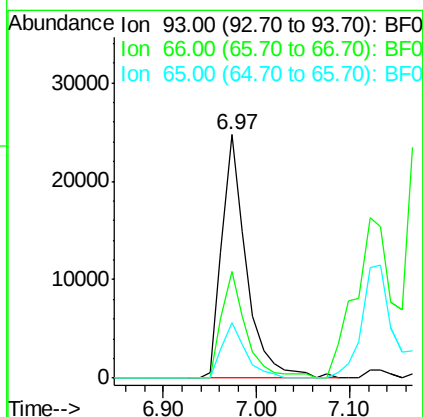
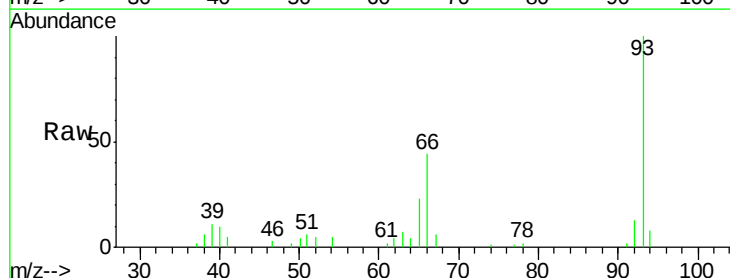
Instrument :
 BNA_F
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Tgt Ion: 112 Resp: 167833
 Ion Ratio Lower Upper
 112 100
 64 60.7 54.2 81.4
 63 33.3 28.4 42.6



#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

Tgt Ion: 93 Resp: 45245
 Ion Ratio Lower Upper
 93 100
 66 43.8 35.0 52.4
 65 22.8 17.7 26.5





#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

Instrument :

BNA_F

ClientSampleId :

PB81560BS

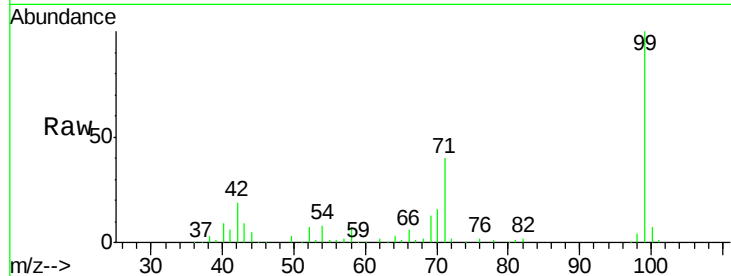
Tgt Ion: 99 Resp: 206327

Ion Ratio Lower Upper

99 100

42 19.1 15.0 22.4

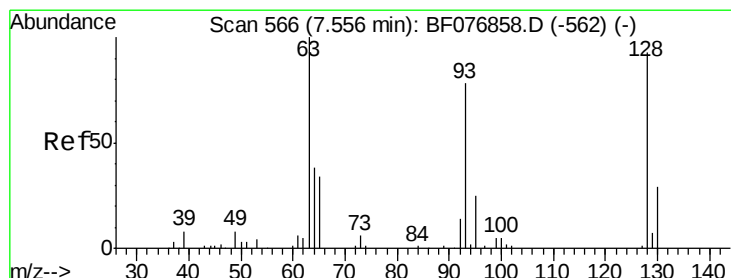
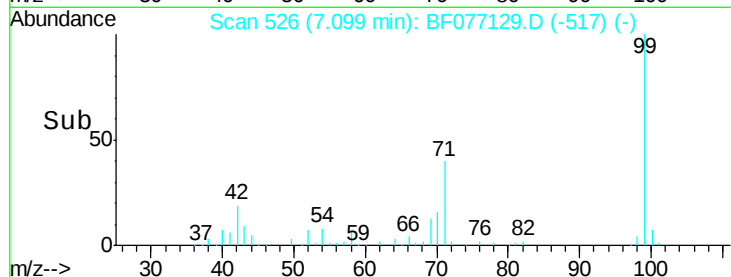
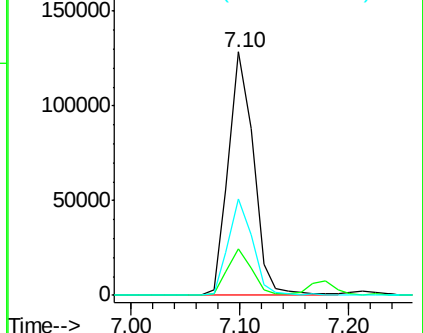
71 39.6 30.5 45.7



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

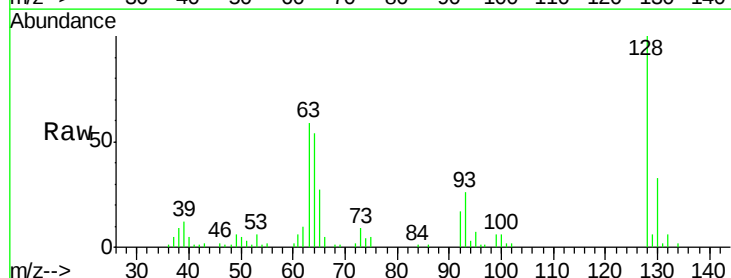
Tgt Ion: 128 Resp: 61114

Ion Ratio Lower Upper

128 100

130 33.0 11.0 51.0

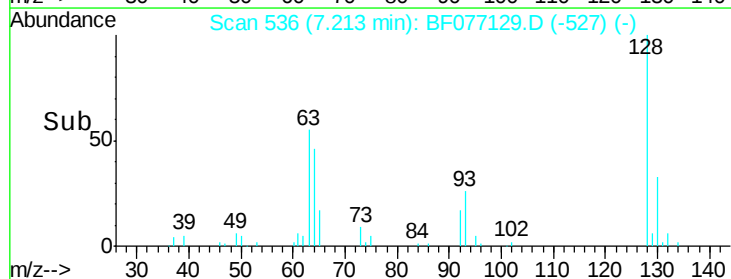
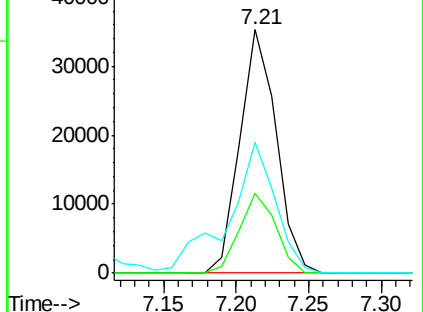
64 53.8 29.3 69.3

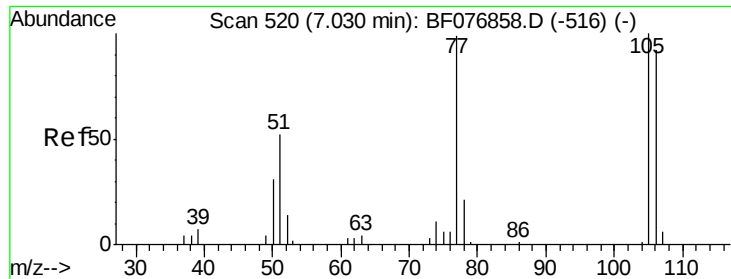


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

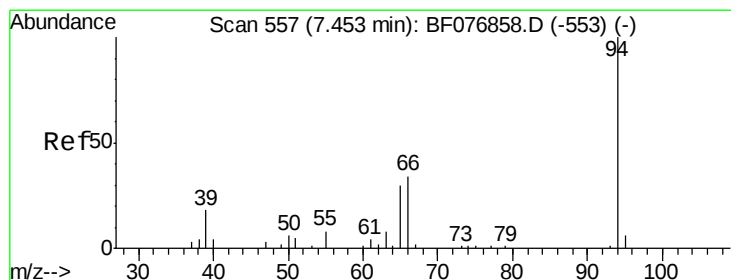
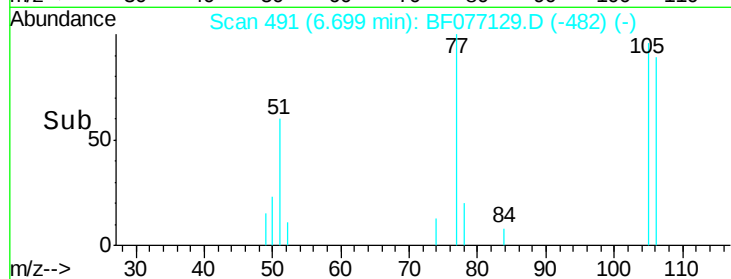
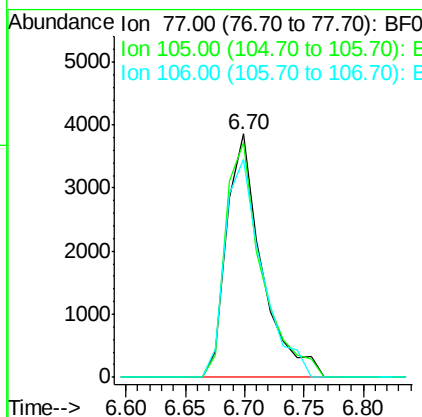
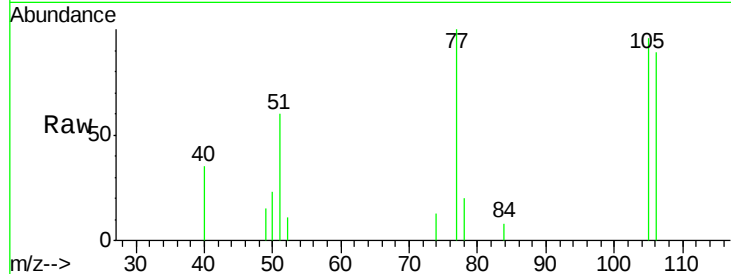




#9
Benzaldehyde
Concen: 5.06 ng
RT: 6.70 min Scan# 491
Delta R.T. 0.00 min
Lab File: BF077129.D
Acq: 29 Jan 2015 18:12

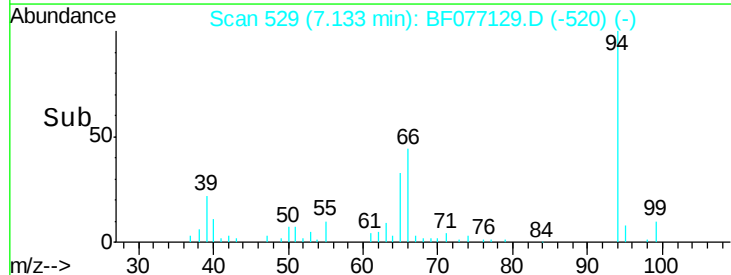
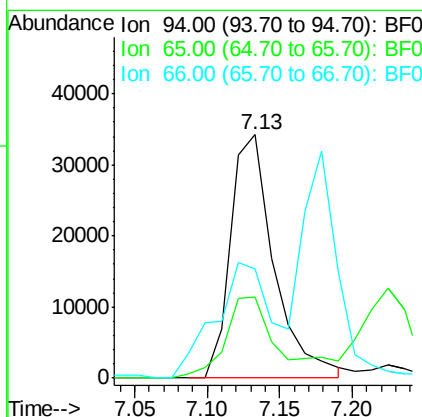
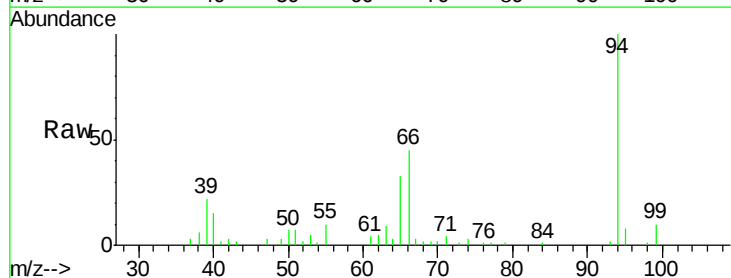
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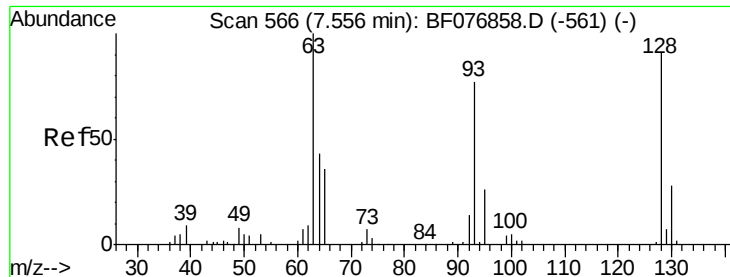
Tgt Ion: 77 Resp: 7950
Ion Ratio Lower Upper
77 100
105 96.3 81.4 121.4
106 89.4 72.8 112.8



#10
Phenol
Concen: 30.90 ng
RT: 7.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF077129.D
Acq: 29 Jan 2015 18:12

Tgt Ion: 94 Resp: 71460
Ion Ratio Lower Upper
94 100
65 33.4 11.3 51.3
66 44.8 19.5 59.5





#11

bis(2-Chloroethyl)ether

Concen: 31.15 ng

RT: 7.24 min Scan# 538

Delta R.T. 0.00 min

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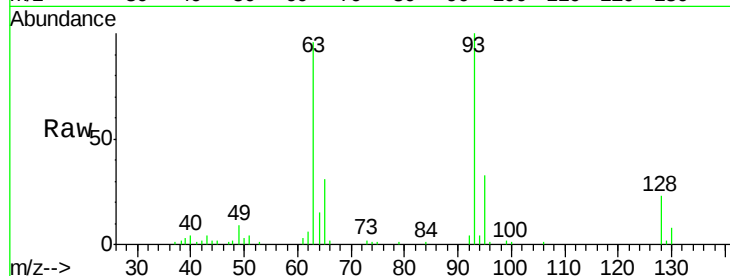
Tgt Ion: 93 Resp: 56358

Ion Ratio Lower Upper

93 100

63 95.5 111.3 151.3#

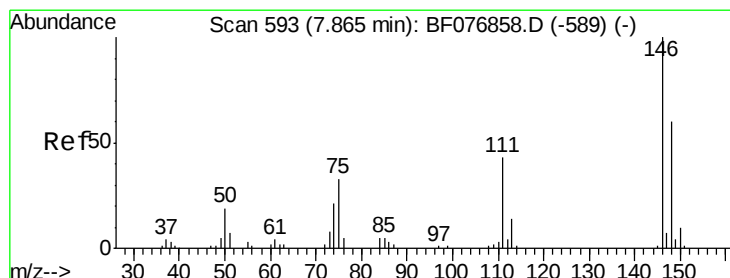
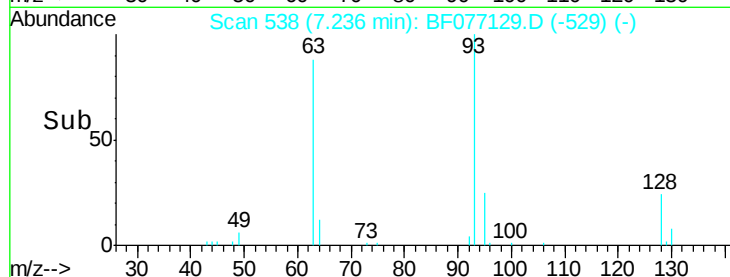
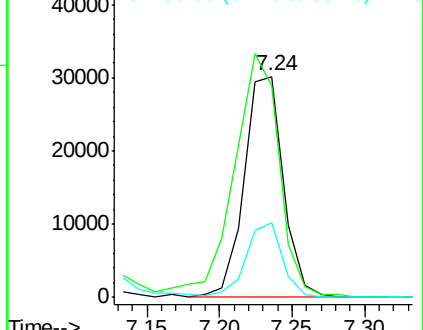
95 33.5 13.8 53.8



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. 0.00 min

Lab File: BF077129.D

Acq: 29 Jan 2015 18:12

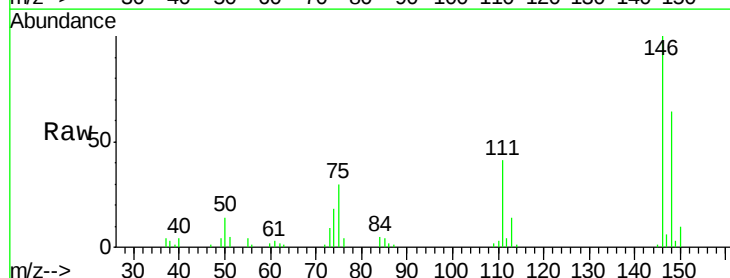
Tgt Ion: 146 Resp: 68301

Ion Ratio Lower Upper

146 100

148 63.6 48.1 72.1

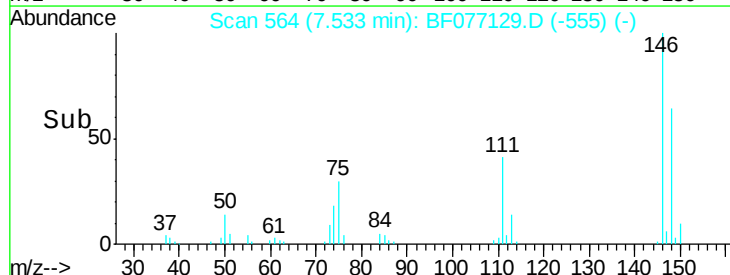
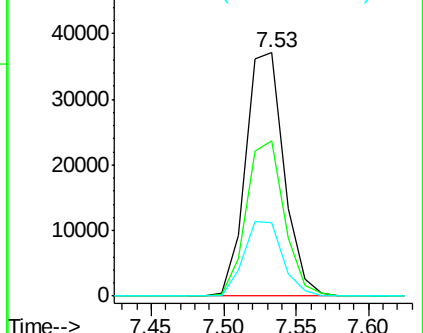
75 30.4 26.8 40.2

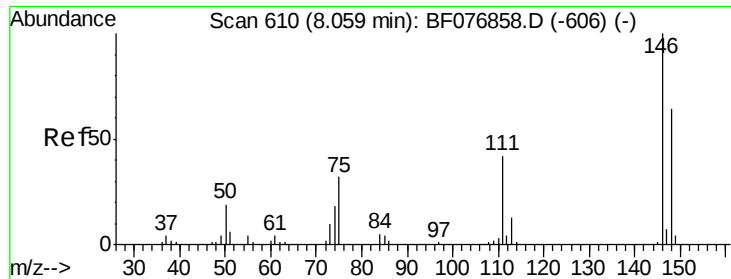


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

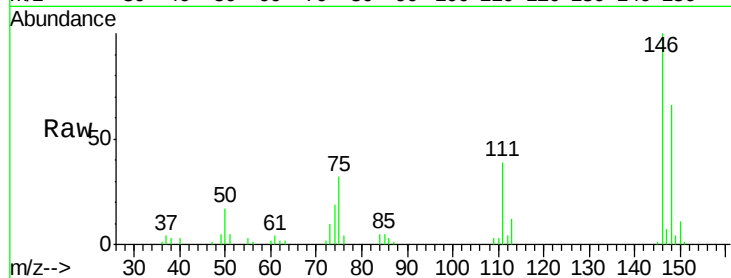




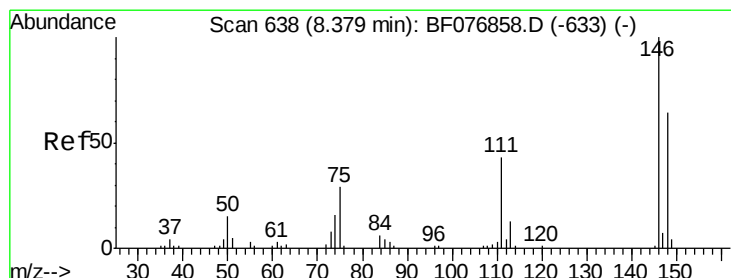
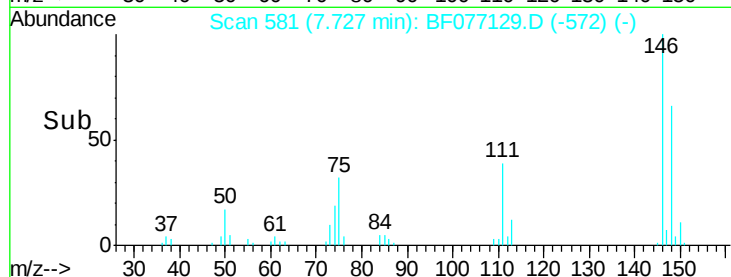
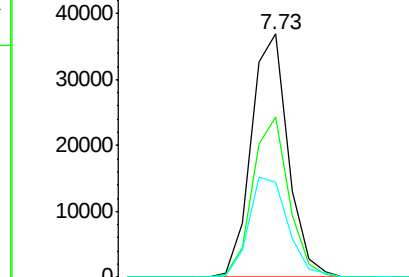
#13
 1,4-Dichlorobenzene
 Concen: 27.16 ng
 RT: 7.73 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: BF077129.D
 Acq: 29 Jan 2015 18:12

Instrument :
 BNA_F
 ClientSampleId :
 PB81560BS

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

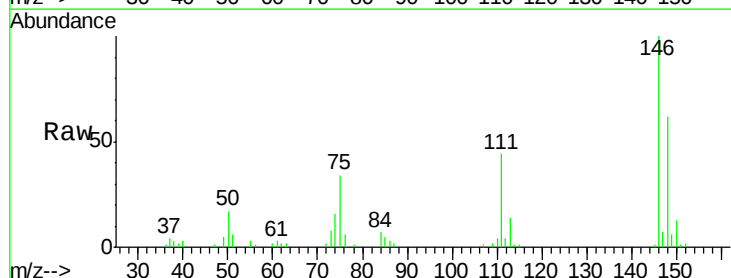


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

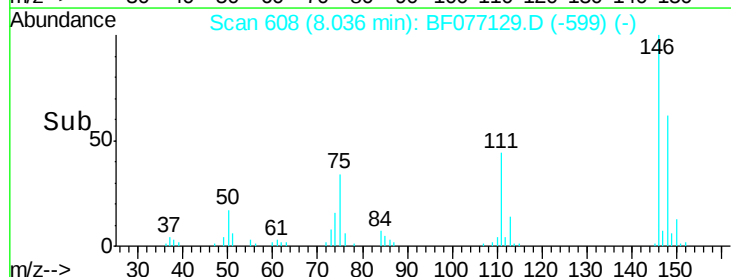
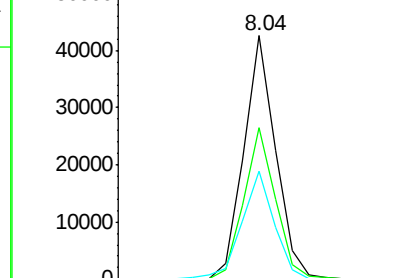


#14
 1,2-Dichlorobenzene
 Concen: 29.30 ng
 RT: 8.04 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: BF077129.D
 Acq: 29 Jan 2015 18:12

Tgt 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

Instrument :

BNA_F

ClientSampleId :

PB81560BS

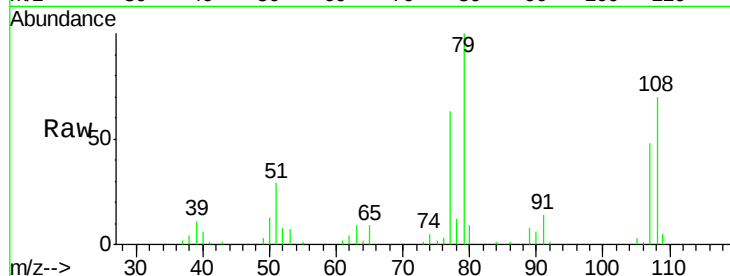
Tgt Ion: 79 Resp: 54655

Ion Ratio Lower Upper

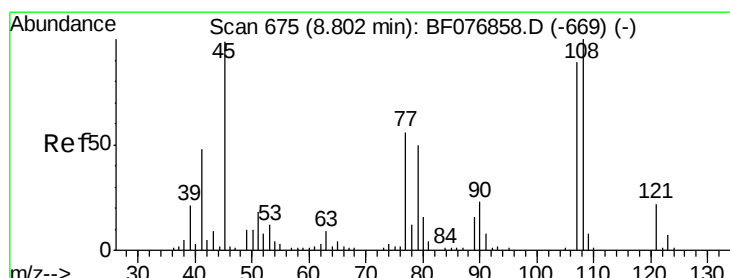
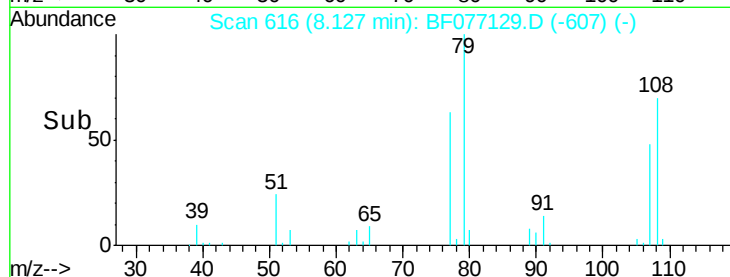
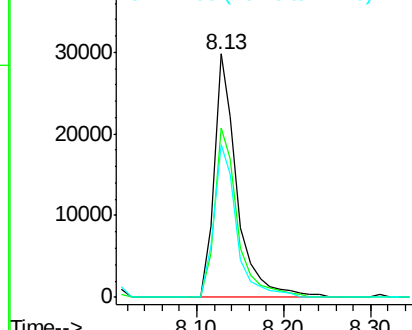
79 100

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): BF0
Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(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

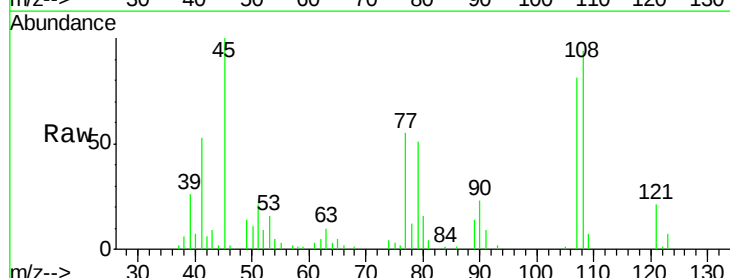
Tgt Ion: 45 Resp: 72497

Ion Ratio Lower Upper

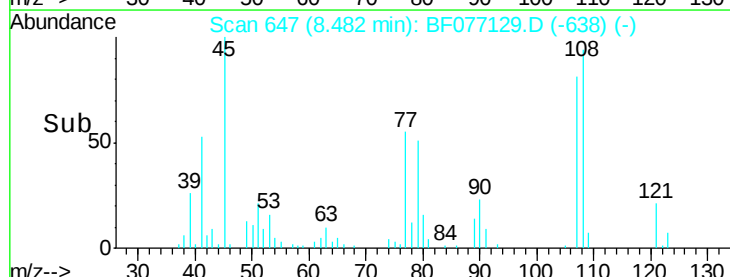
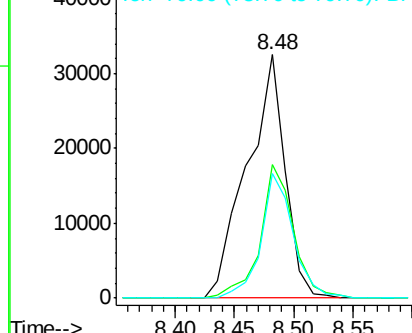
45 100

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: 29.56 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

ClientSampleId :

PB81560BS

Tgt Ion:107 Resp: 48080

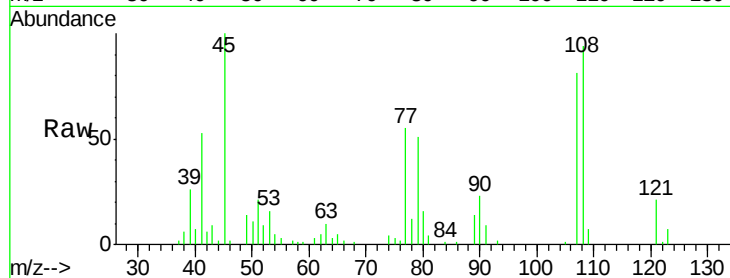
Ion Ratio Lower Upper

107 100

108 117.3 89.7 134.5

77 68.0 50.1 75.1

79 63.7 45.0 67.6

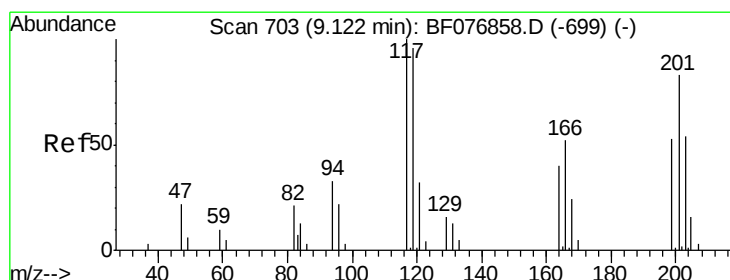
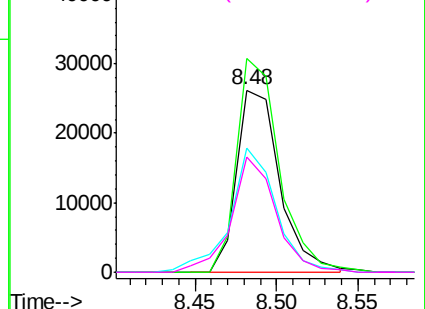
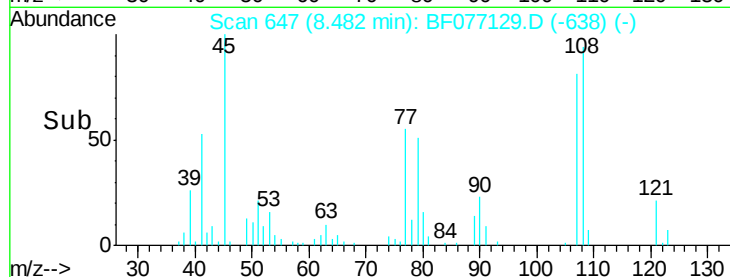


Abundance Ion 107.00 (106.70 to 107.70): E

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

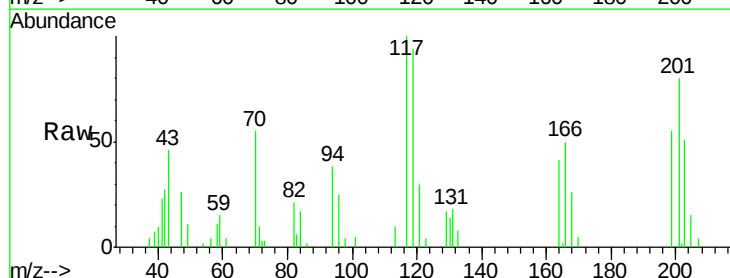
Tgt Ion:117 Resp: 25181

Ion Ratio Lower Upper

117 100

119 93.9 77.1 115.7

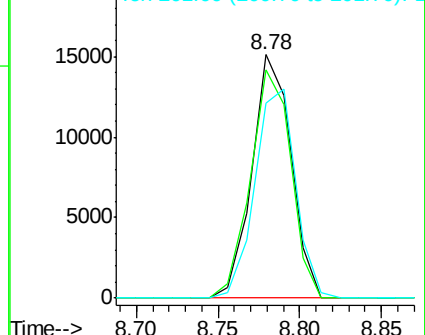
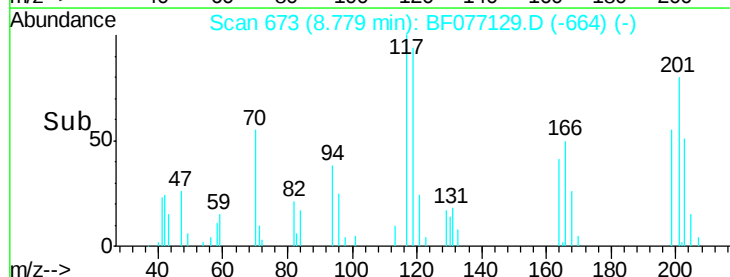
201 79.9 66.8 100.2

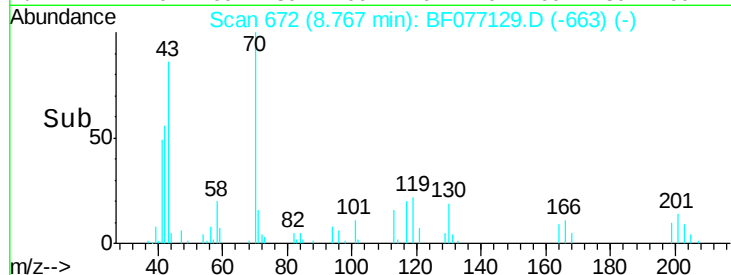
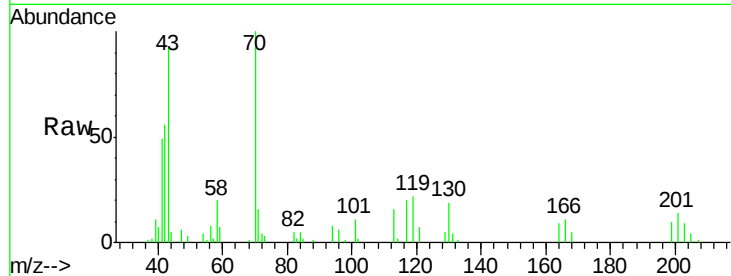
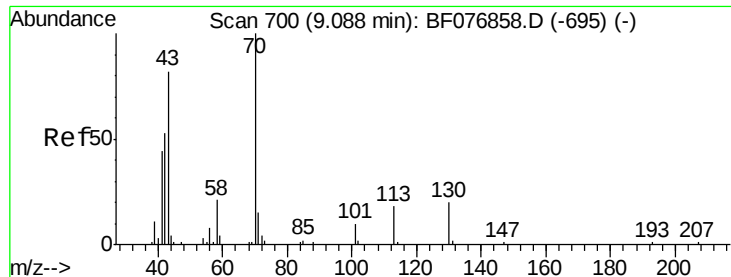


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

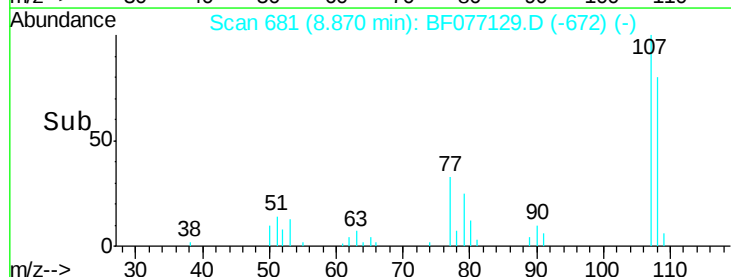
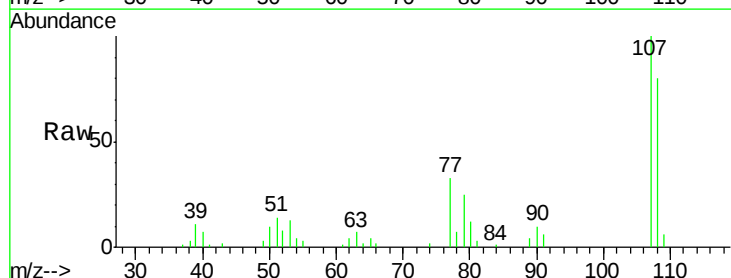
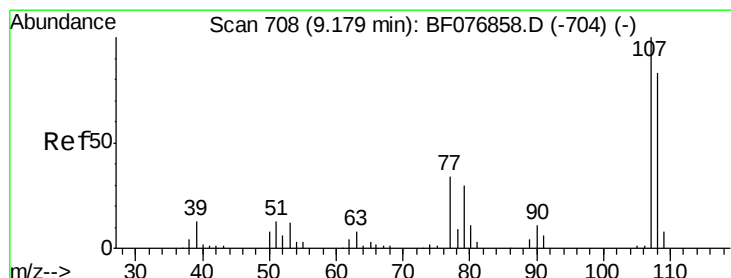
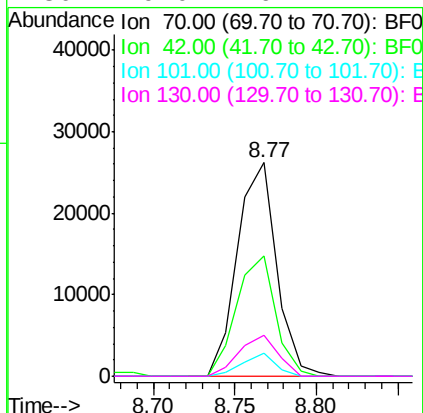




#19
n-Nitroso-di-n-propylamine
Concen: 28.64 ng
RT: 8.77 min Scan# 672
Delta R.T. 0.00 min
Lab File: BF077129.D
Acq: 29 Jan 2015 18:12

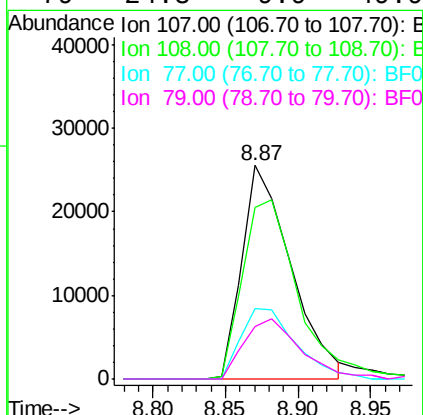
Instrument :
BNA_F
ClientSampleId :
PB81560BS

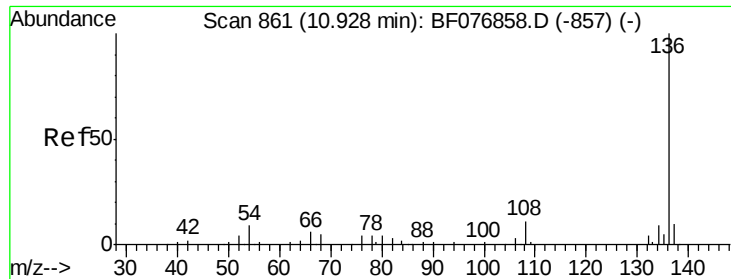
Tgt Ion:	70	Resp:	43650
Ion	Ratio	Lower	Upper
70	100		
42	56.4	42.1	63.1
101	10.7	7.8	11.8
130	19.0	16.2	24.4



#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

Tgt 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

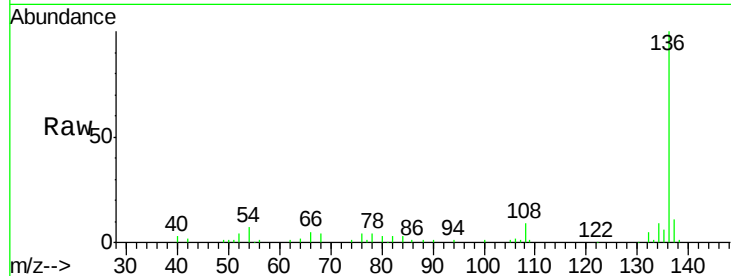




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.60 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF077129.D
Acq: 29 Jan 2015 18:12

Instrument :
BNA_F
ClientSampleId :
PB81560BS

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

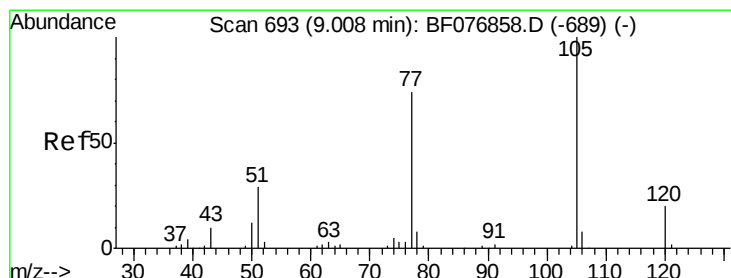
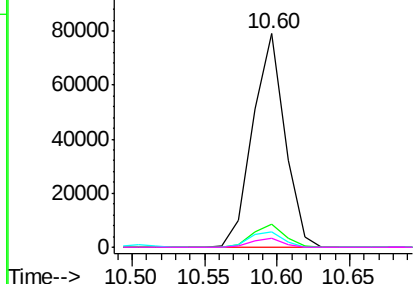
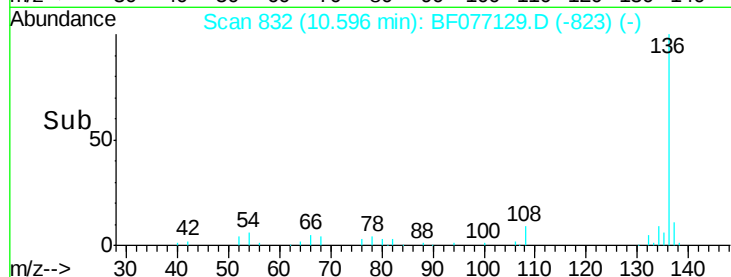


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

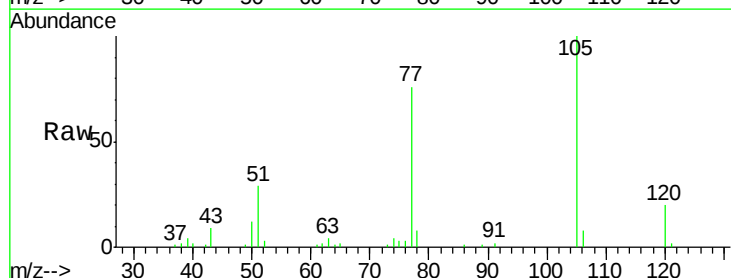
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 31.06 ng
RT: 8.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF077129.D
Acq: 29 Jan 2015 18:12

Tgt Ion:	105	Resp:	92380
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

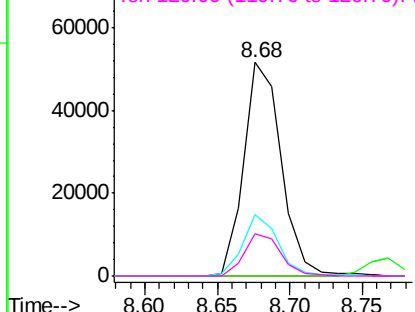
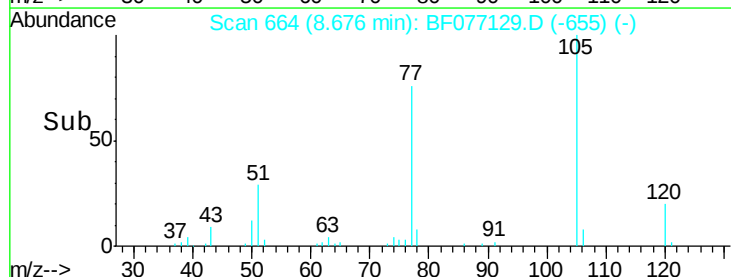


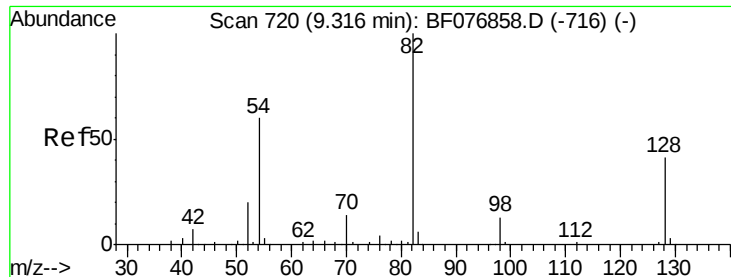
Abundance Ion 105.00 (104.70 to 105.70): E

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

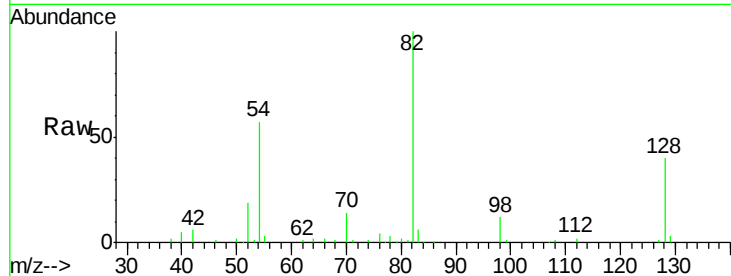




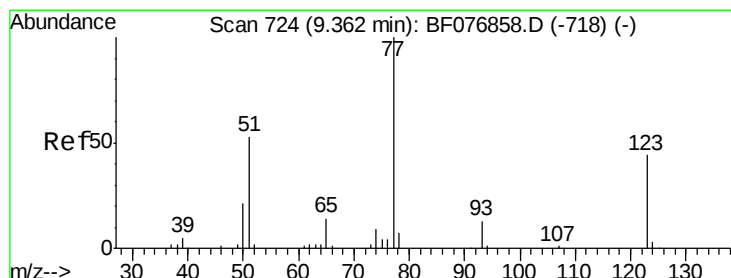
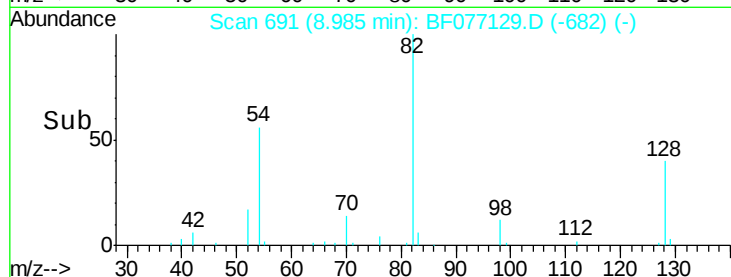
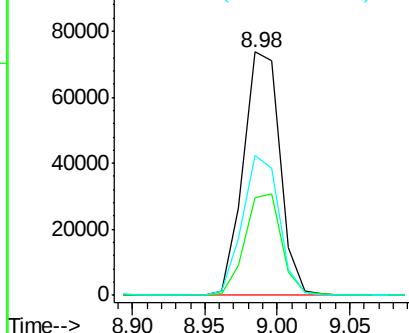
#23
 Nitrobenzene-d5
 Concen: 59.12 ng
 RT: 8.98 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BF077129.D
 Acq: 29 Jan 2015 18:12

Instrument :
 BNA_F
 ClientSampleId :
 PB81560BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.0	33.1	49.7
54	57.4	48.3	72.5

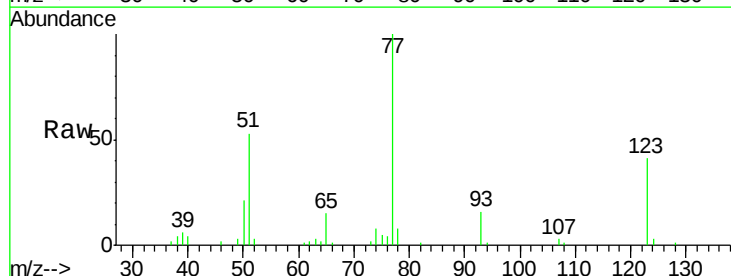


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

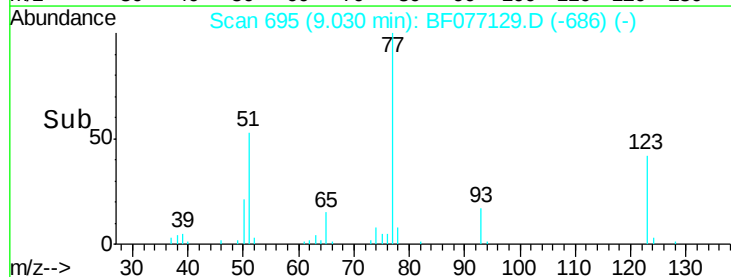
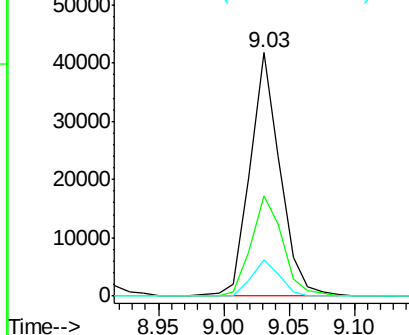


#24
 Nitrobenzene
 Concen: 30.23 ng
 RT: 9.03 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: BF077129.D
 Acq: 29 Jan 2015 18:12

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.3	35.2	52.8
65	14.7	11.4	17.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0

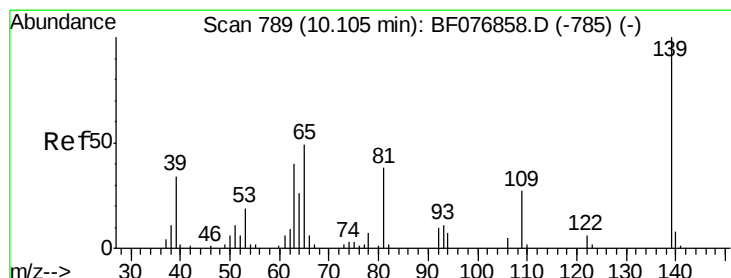
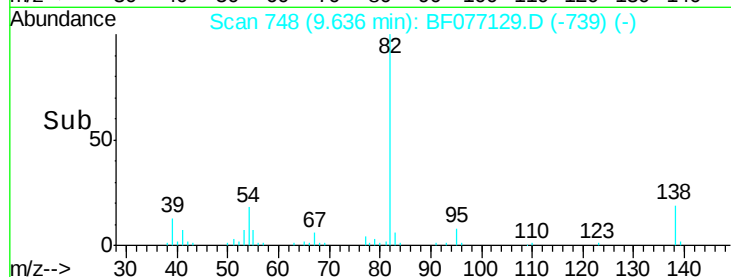
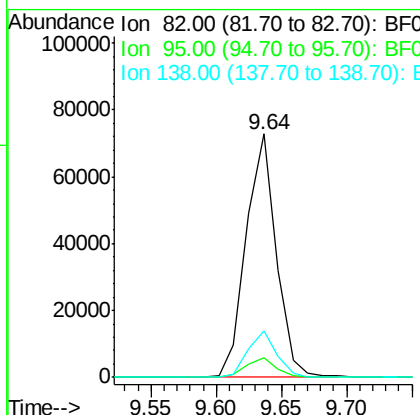
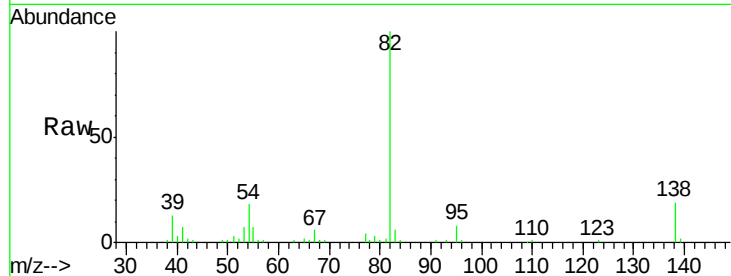




#25
Isophorone
Concen: 29.42 ng
RT: 9.64 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF077129.D
Acq: 29 Jan 2015 18:12

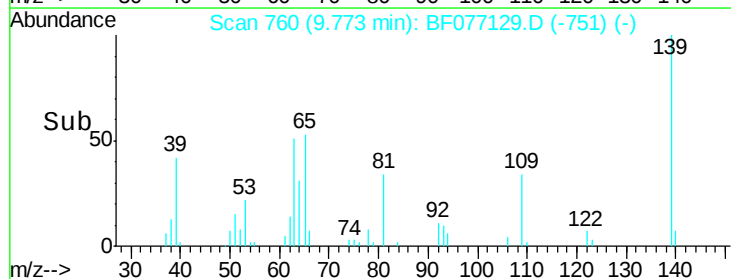
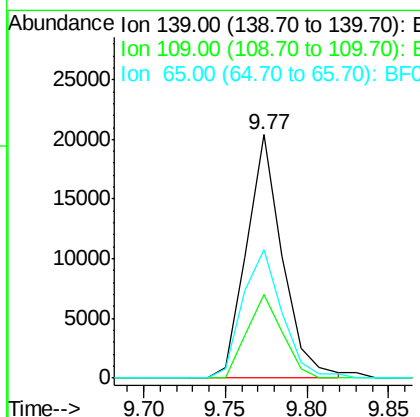
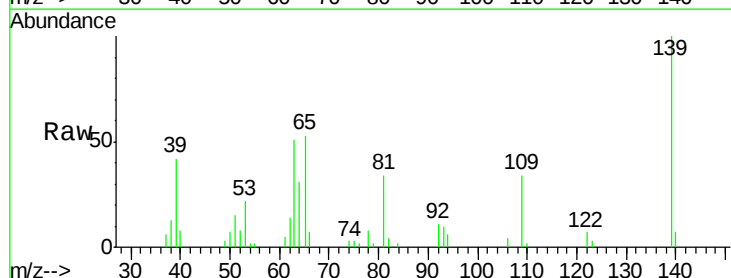
Instrument :
BNA_F
ClientSampleId :
PB81560BS

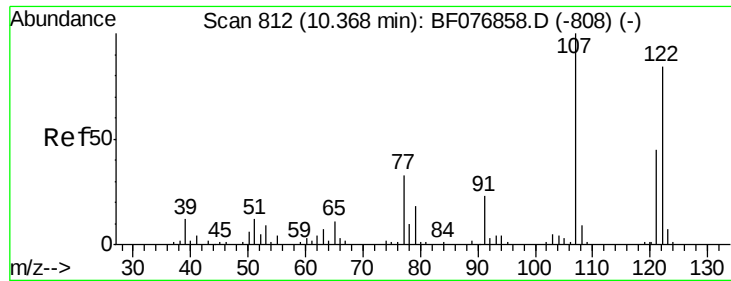
Tgt Ion: 82 Resp: 117430
Ion Ratio Lower Upper
82 100
95 8.1 6.6 10.0
138 19.0 12.6 18.8#



#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

Tgt Ion: 139 Resp: 31207
Ion Ratio Lower Upper
139 100
109 34.2 21.3 31.9#
65 53.0 39.4 59.0

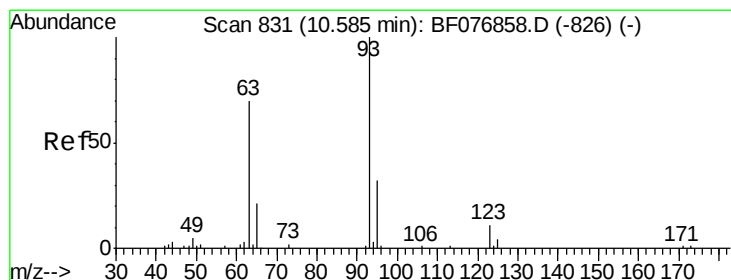
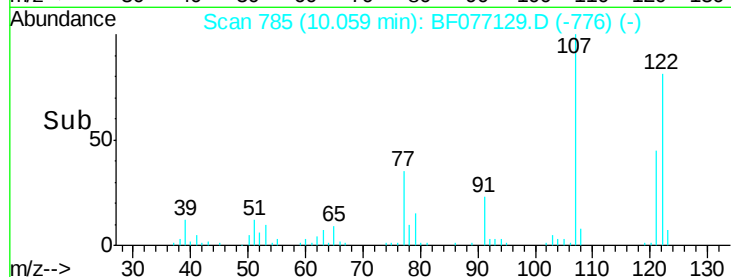
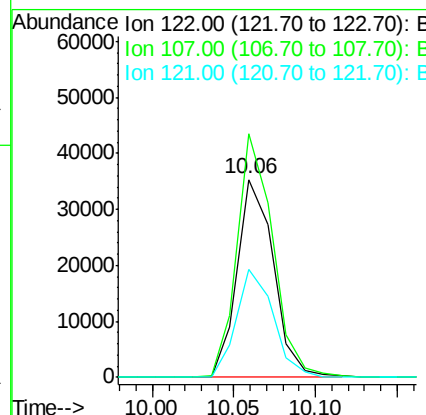
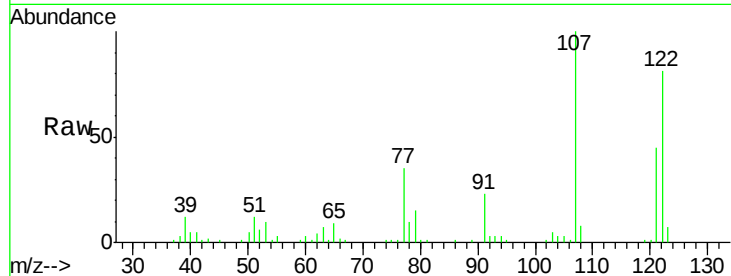




#27
 2,4-Dimethylphenol
 Concen: 31.70 ng
 RT: 10.06 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF077129.D
 Acq: 29 Jan 2015 18:12

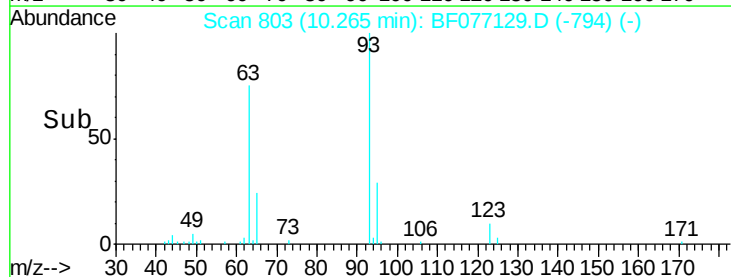
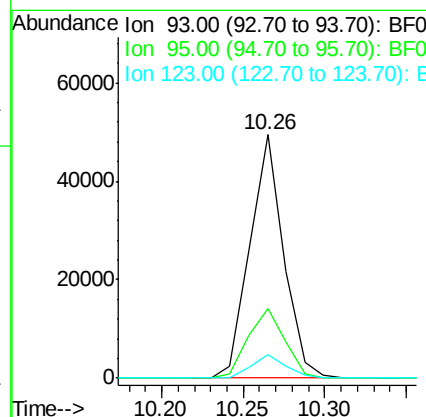
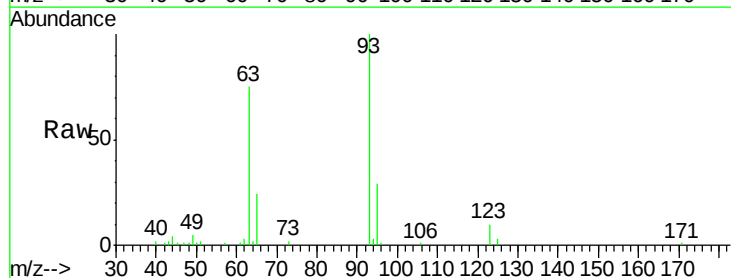
Instrument :
 BNA_F
 ClientSampleId :
 PB81560BS

Tgt Ion: 122 Resp: 54739
 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

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

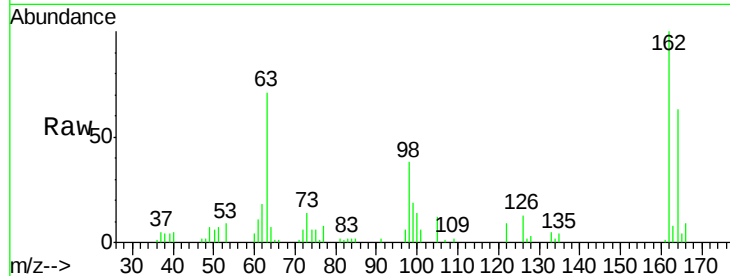




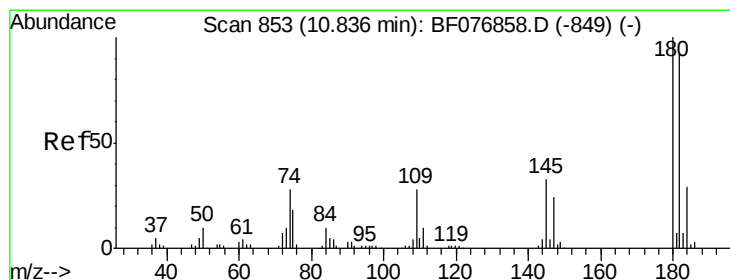
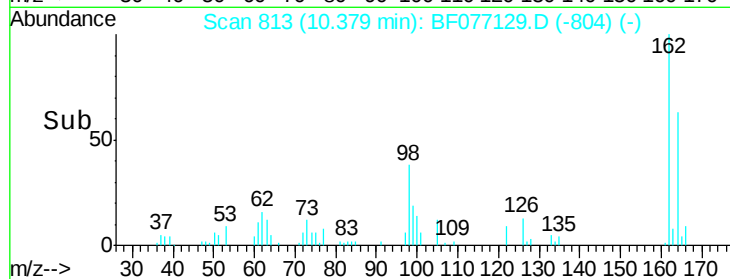
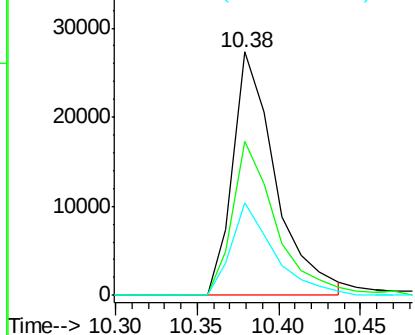
#29
 2,4-Dichlorophenol
 Concen: 30.94 ng
 RT: 10.38 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF077129.D
 Acq: 29 Jan 2015 18:12

Instrument :
 BNA_F
 ClientSampleId :
 PB81560BS

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

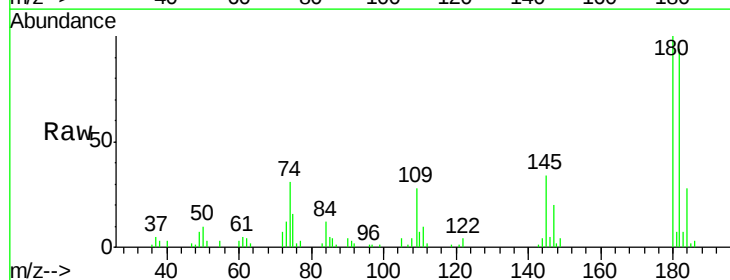


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

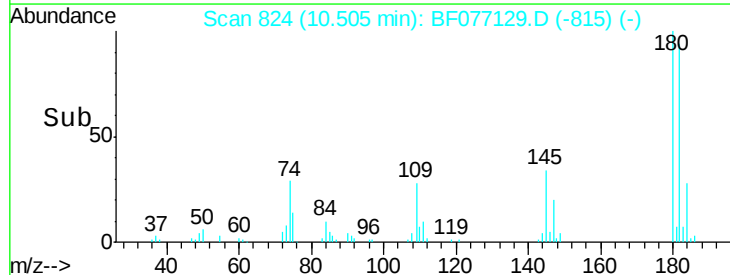
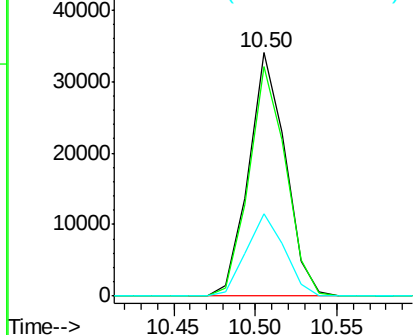


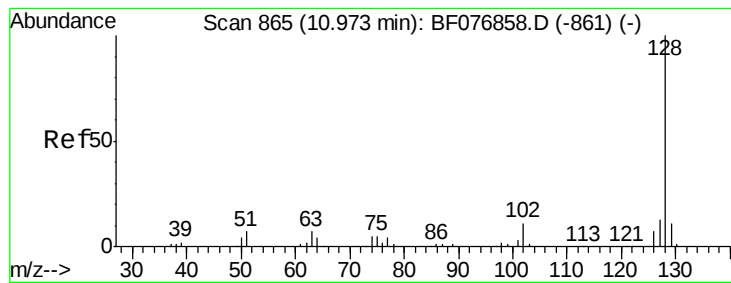
#30
 1,2,4-Trichlorobenzene
 Concen: 29.75 ng
 RT: 10.50 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BF077129.D
 Acq: 29 Jan 2015 18:12

Tgt 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

Instrument :

BNA_F

ClientSampleId :

PB81560BS

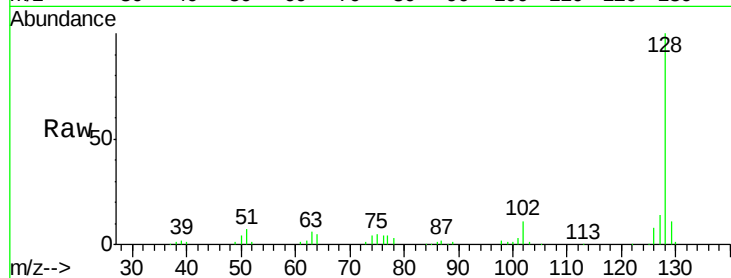
Tgt Ion:128 Resp: 176469

Ion Ratio Lower Upper

128 100

129 10.6 9.0 13.6

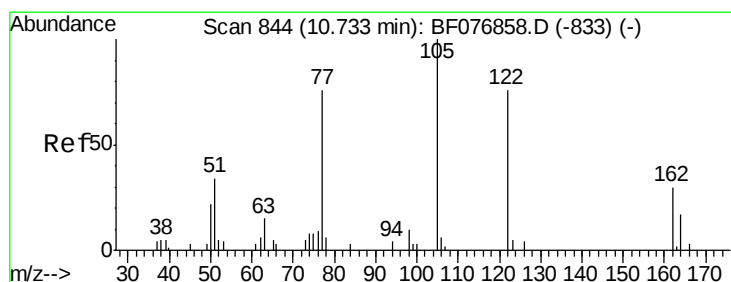
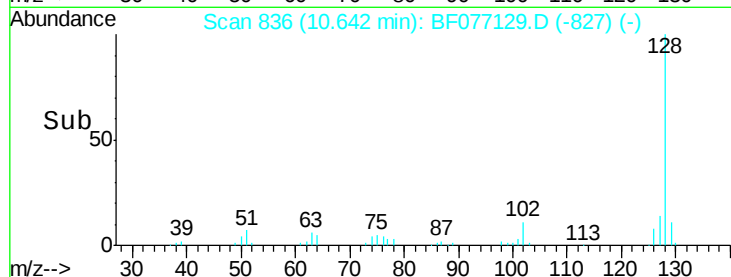
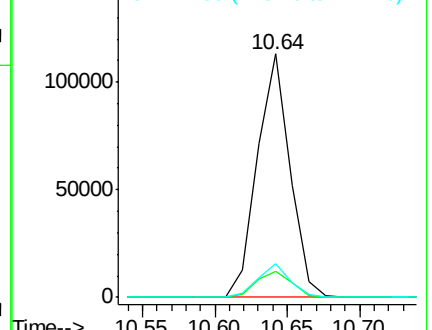
127 13.8 10.2 15.2



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: 26.32 ng

RT: 10.44 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF077129.D

Acq: 29 Jan 2015 18:12

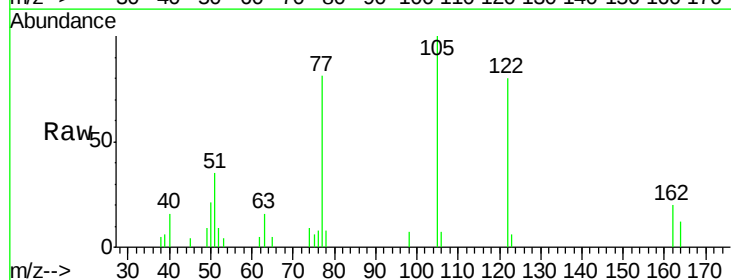
Tgt Ion:122 Resp: 25176

Ion Ratio Lower Upper

122 100

105 124.6 111.3 151.3

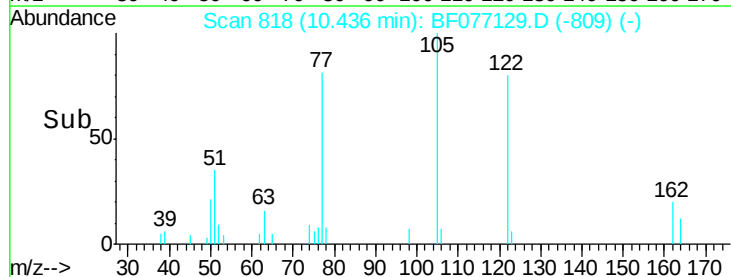
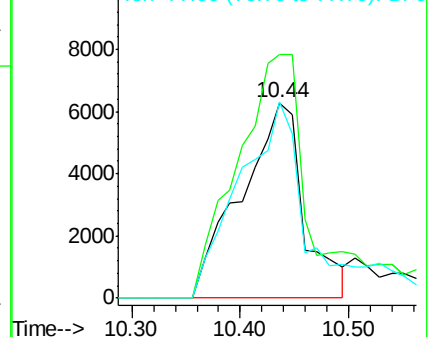
77 100.6 79.2 119.2



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

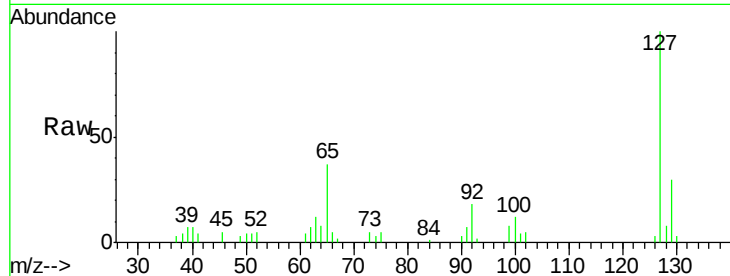




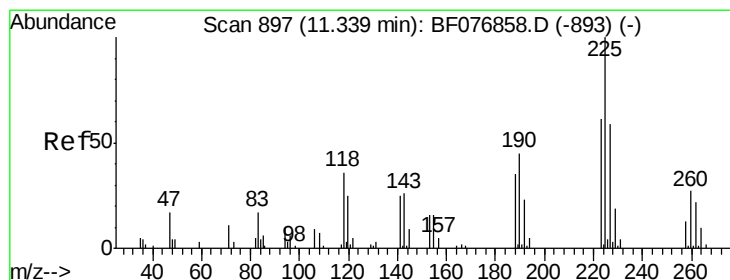
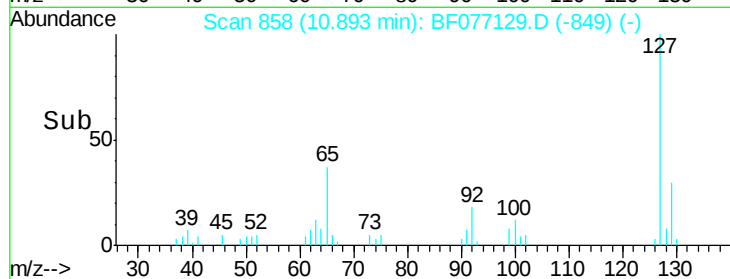
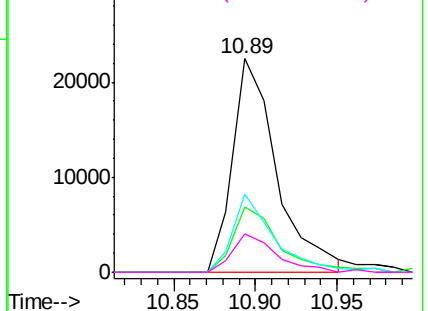
#33
4-Chloroaniline
Concen: 16.71 ng
RT: 10.89 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF077129.D
Acq: 29 Jan 2015 18:12

Instrument :
BNA_F
ClientSampleId :
PB81560BS

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

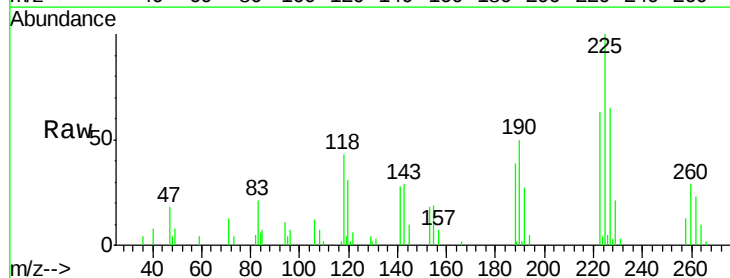


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

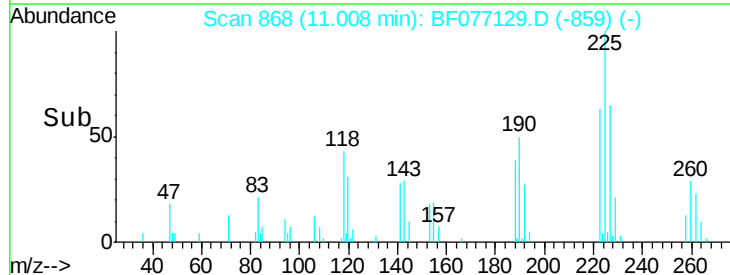
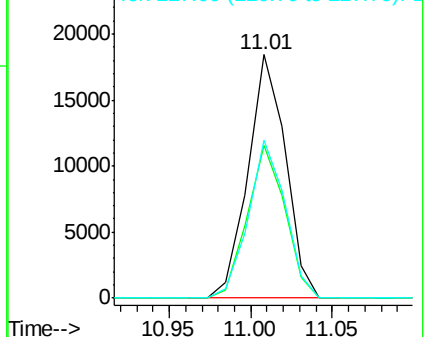


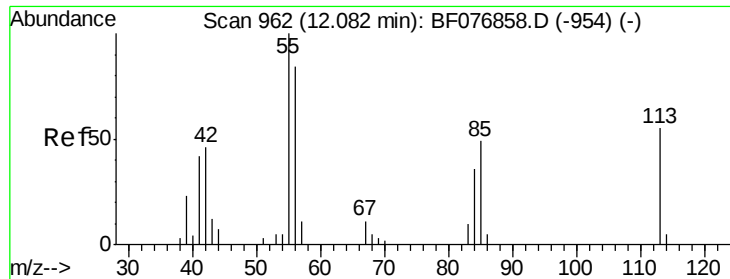
#34
Hexachlorobutadiene
Concen: 27.75 ng
RT: 11.01 min Scan# 868
Delta R.T. 0.00 min
Lab File: BF077129.D
Acq: 29 Jan 2015 18:12

Tgt 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

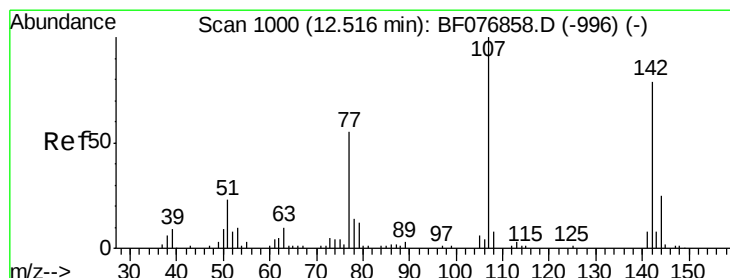
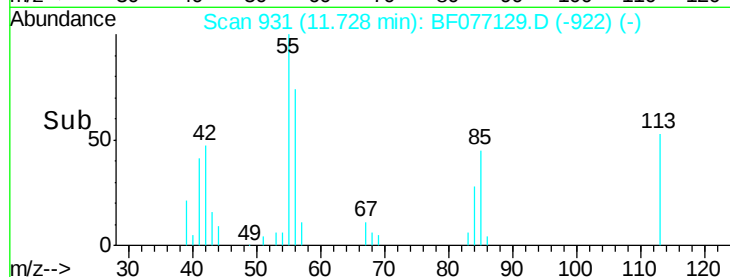
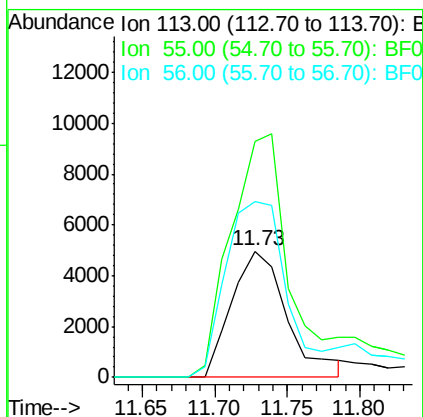
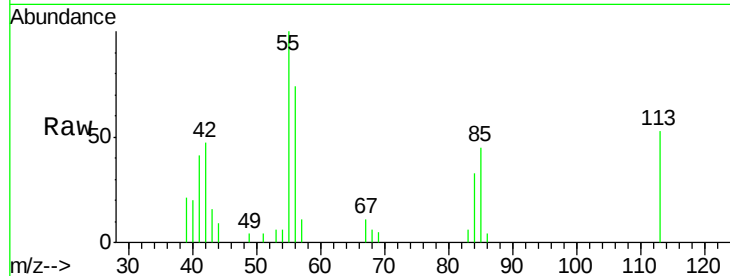




#35
 Caprolactam
 Concen: 27.82 ng
 RT: 11.73 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: BF077129.D
 Acq: 29 Jan 2015 18:12

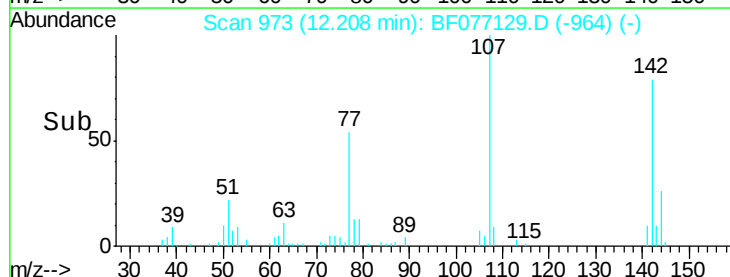
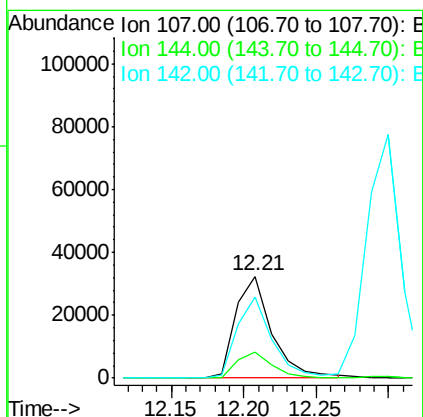
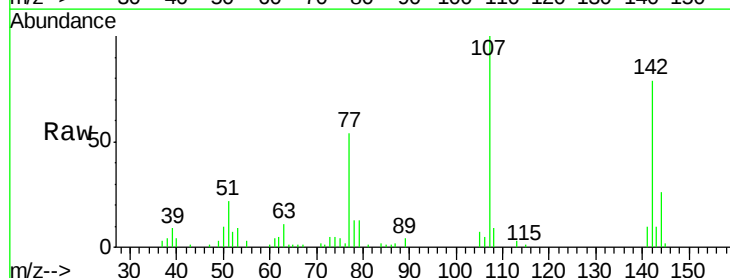
Instrument :
 BNA_F
 ClientSampleId :
 PB81560BS

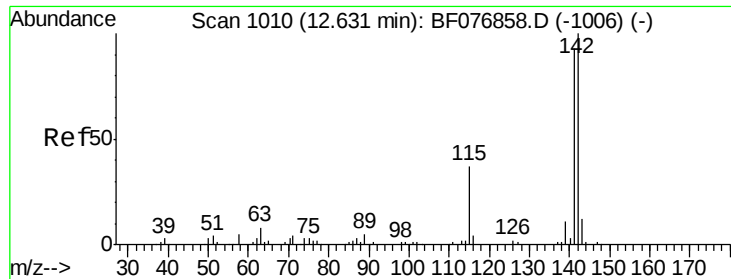
Tgt Ion:113 Resp: 13183
 Ion Ratio Lower Upper
 113 100
 55 187.6 162.1 202.1
 56 139.2 133.7 173.7



#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

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

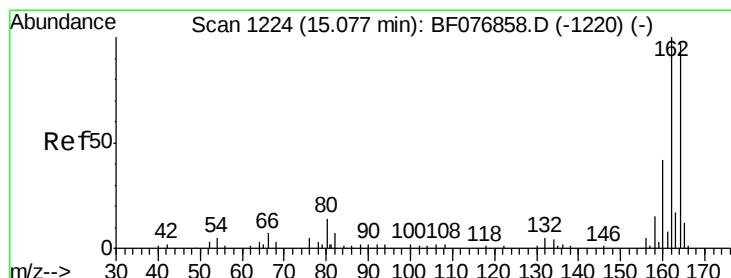
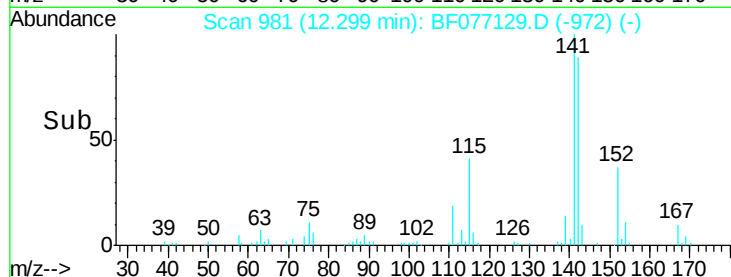
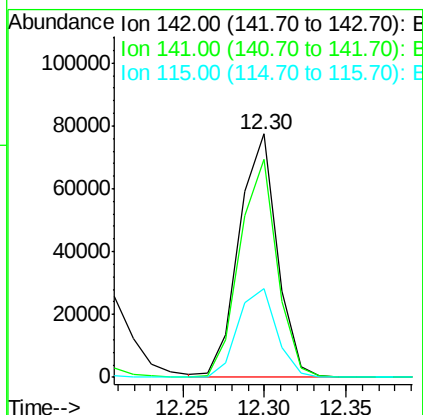
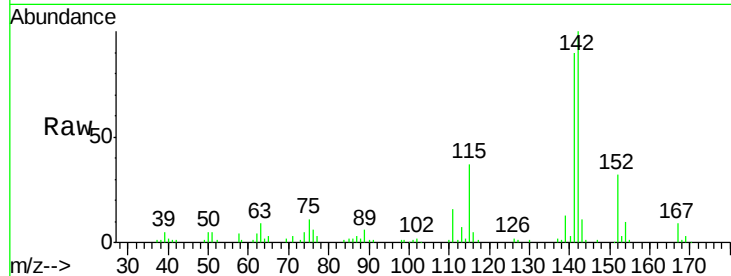




#37
2-Methylnaphthalene
Concen: 29.40 ng
RT: 12.30 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF077129.D
Acq: 29 Jan 2015 18:12

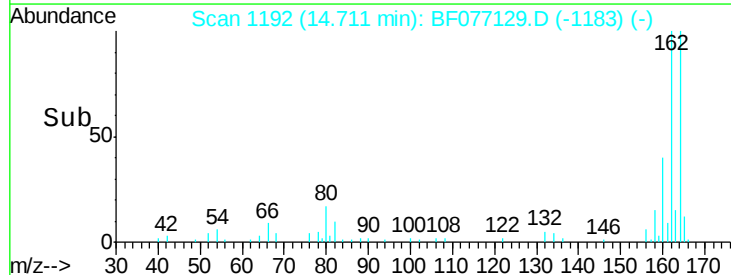
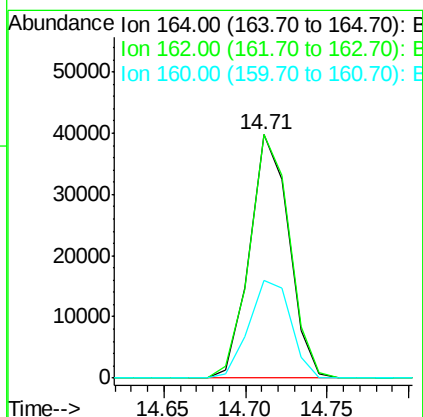
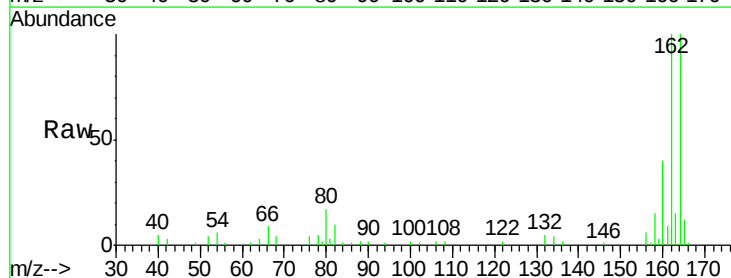
Instrument :
BNA_F
ClientSampleId :
PB81560BS

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



#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

Tgt Ion:164 Resp: 66343
Ion Ratio Lower Upper
164 100
162 100.2 82.4 123.6
160 40.4 34.8 52.2

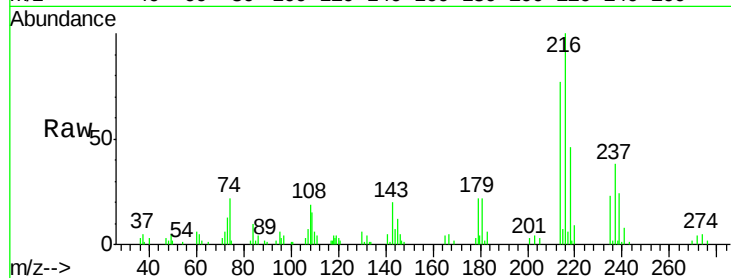




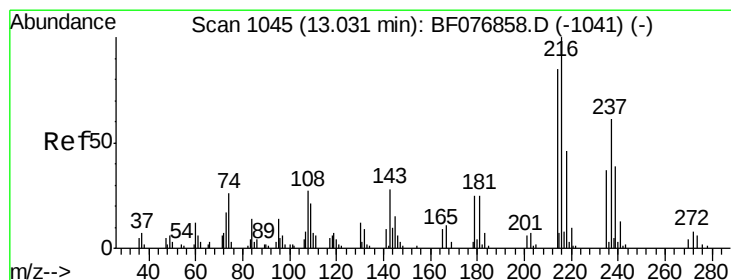
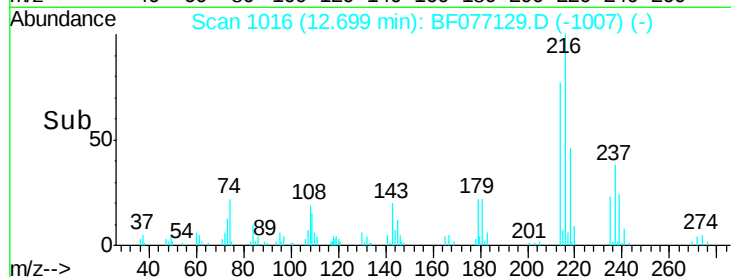
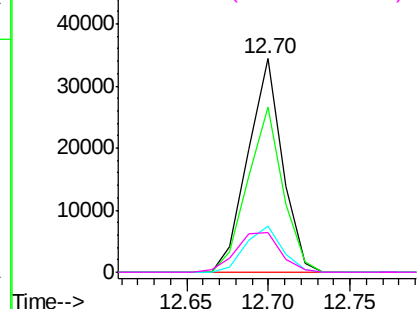
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 30.80 ng
 RT: 12.70 min Scan# 1016
 Delta R.T. 0.00 min
 Lab File: BF077129.D
 Acq: 29 Jan 2015 18:12

Instrument :
 BNA_F
 ClientSampleId :
 PB81560BS

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

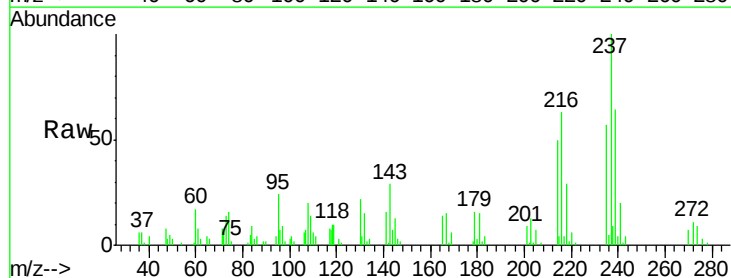


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

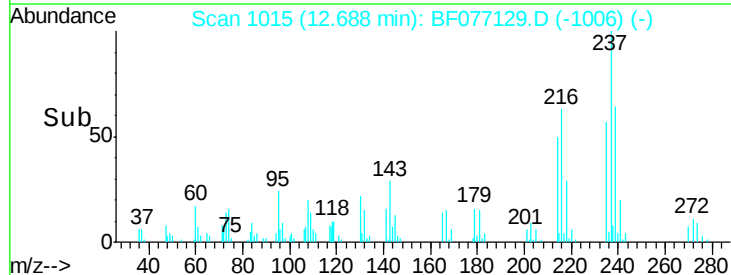
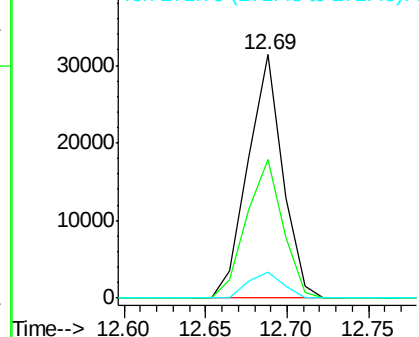


#40
 Hexachlorocyclopentadiene
 Concen: 54.03 ng
 RT: 12.69 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: BF077129.D
 Acq: 29 Jan 2015 18:12

Tgt 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

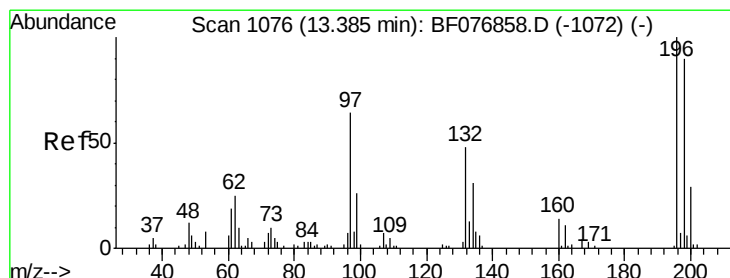
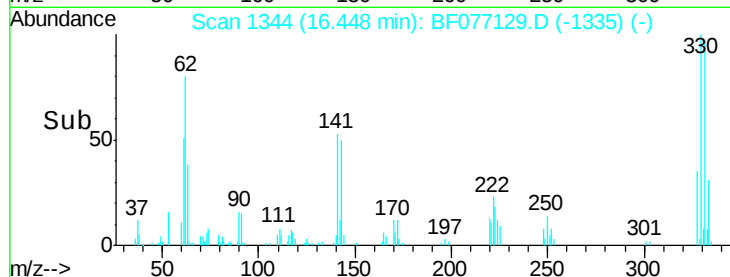
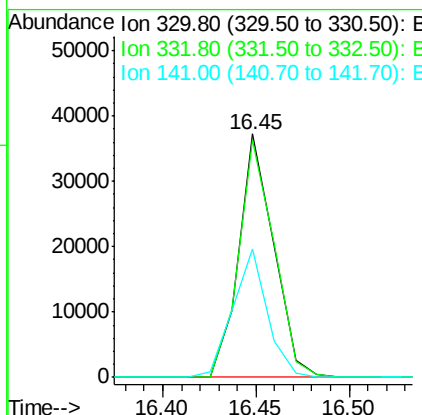
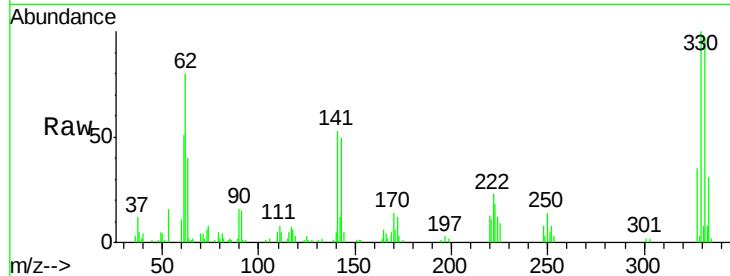




#41
 2,4,6-Tribromophenol
 Concen: 89.91 ng
 RT: 16.45 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: BF077129.D
 Acq: 29 Jan 2015 18:12

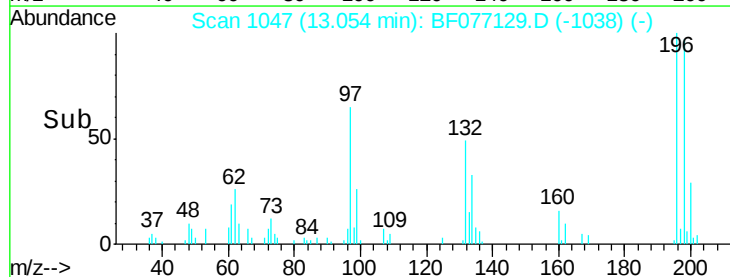
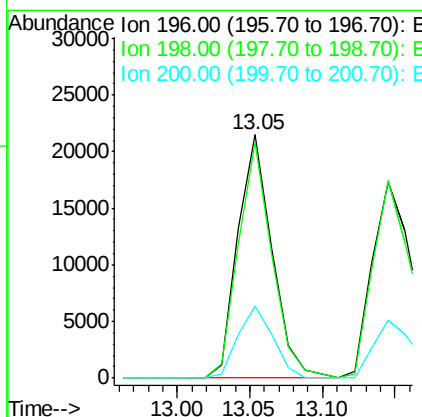
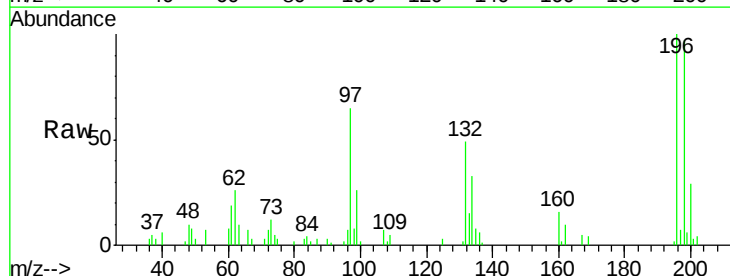
Instrument :
 BNA_F
 ClientSampleId :
 PB81560BS

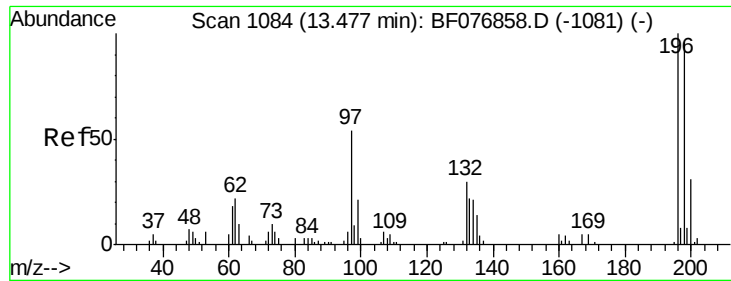
Tgt Ion:330 Resp: 48419
 Ion Ratio Lower Upper
 330 100
 332 99.3 77.8 116.6
 141 52.4 38.5 57.7



#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

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

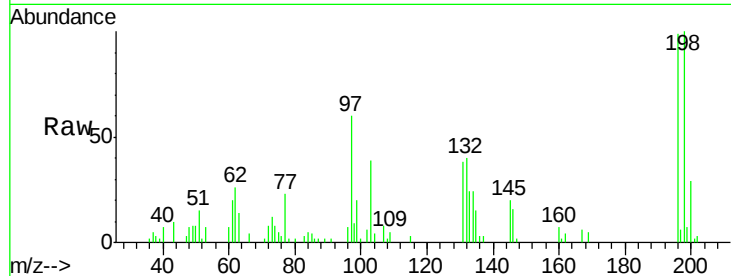




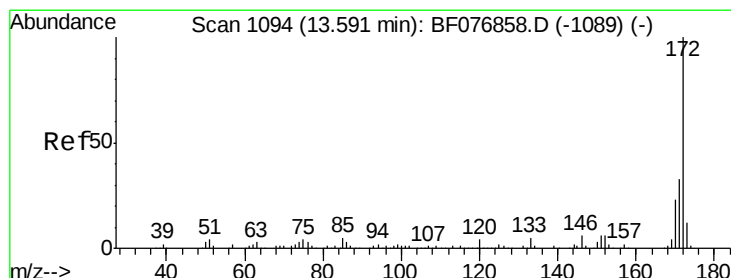
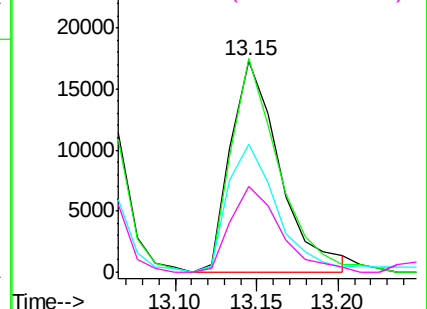
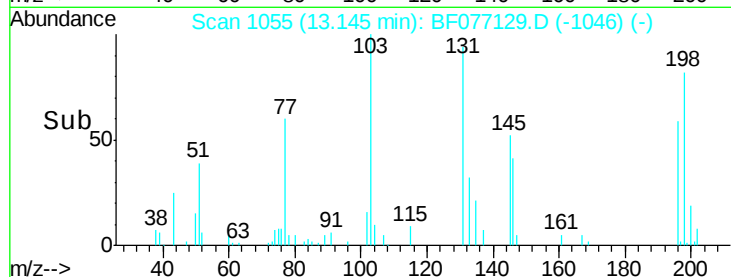
#43
 2,4,5-Trichlorophenol
 Concen: 29.72 ng
 RT: 13.15 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: BF077129.D
 Acq: 29 Jan 2015 18:12

Instrument :
 BNA_F
 ClientSampleId :
 PB81560BS

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#

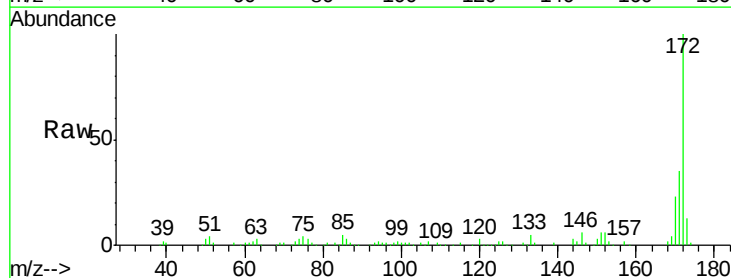


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

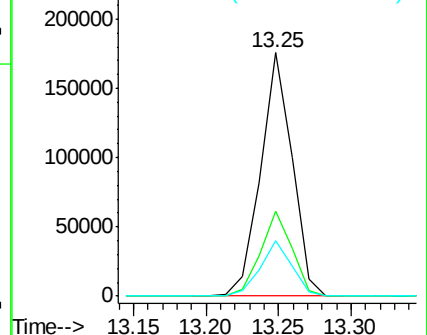
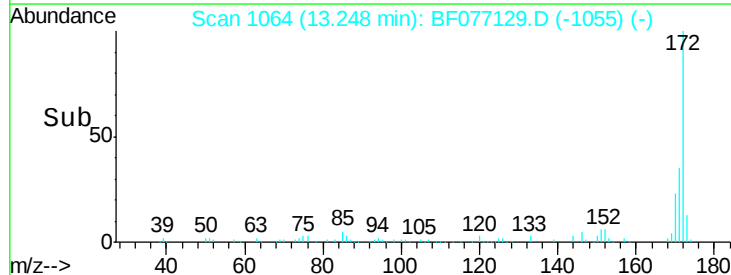


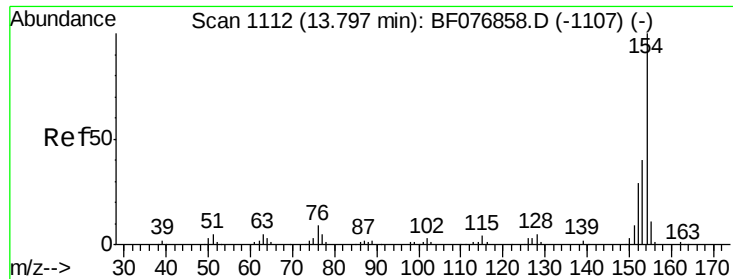
#44
 2-Fluorobiphenyl
 Concen: 60.52 ng
 RT: 13.25 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF077129.D
 Acq: 29 Jan 2015 18:12

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



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

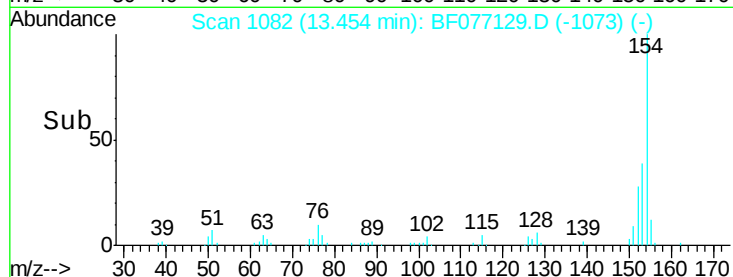
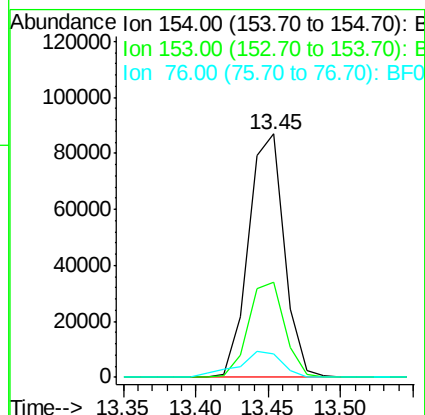
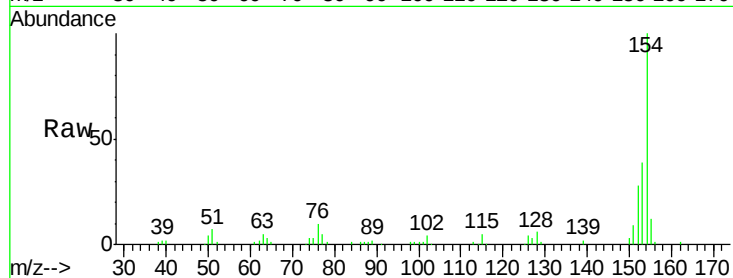




#45
 1,1'-Biphenyl
 Concen: 30.14 ng
 RT: 13.45 min Scan# 1082
 Delta R.T. 0.00 min
 Lab File: BF077129.D
 Acq: 29 Jan 2015 18:12

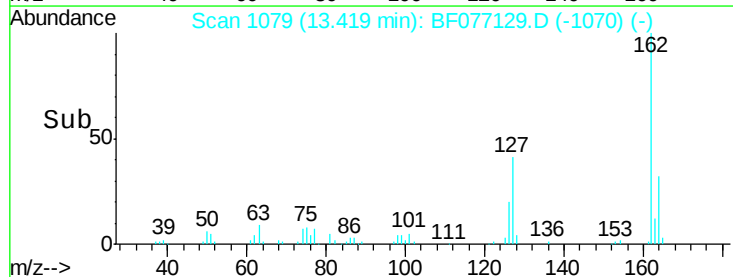
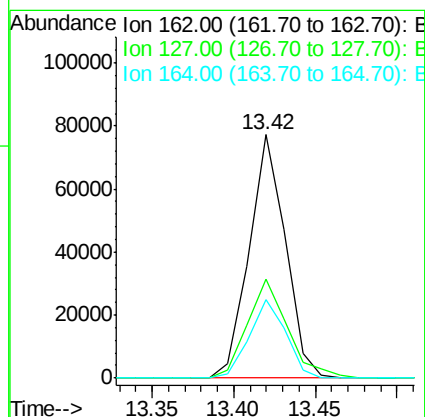
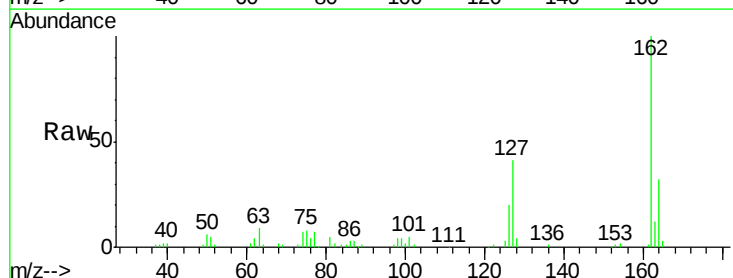
Instrument :
 BNA_F
 ClientSampleId :
 PB81560BS

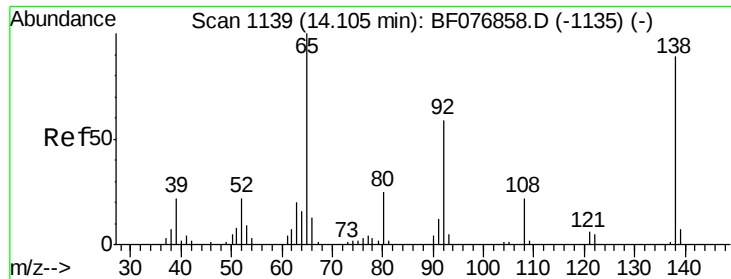
Tgt Ion:154 Resp: 148242
 Ion Ratio Lower Upper
 154 100
 153 39.2 20.2 60.2
 76 9.8 0.0 29.0



#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

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





#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

Instrument :

BNA_F

ClientSampleId :

PB81560BS

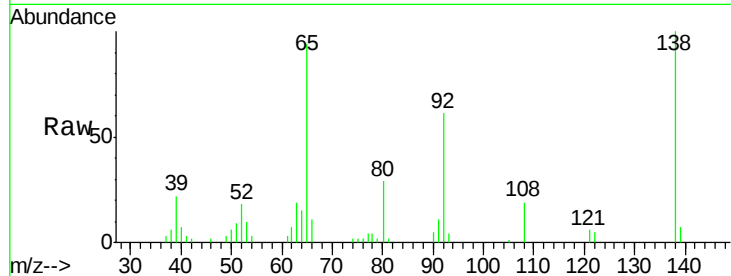
Tgt Ion: 65 Resp: 39528

Ion Ratio Lower Upper

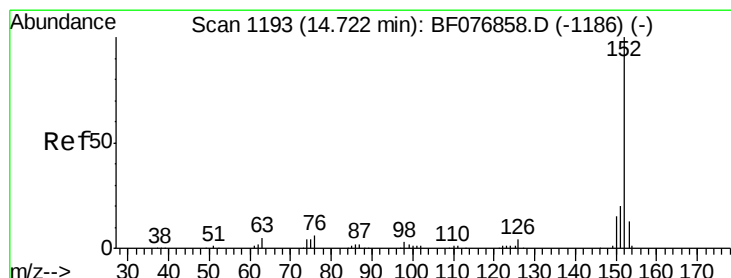
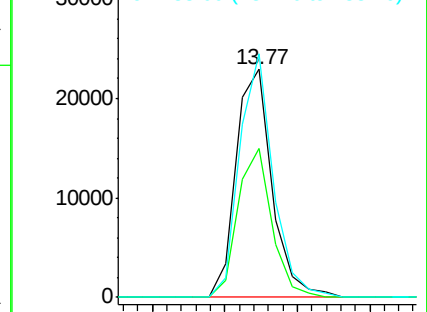
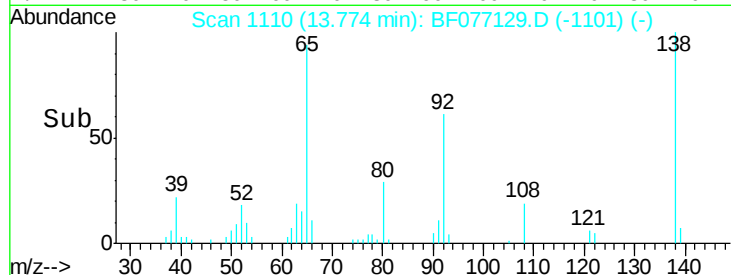
65 100

92 65.5 47.3 70.9

138 106.8 71.4 107.2



Abundance Ion 65.00 (64.70 to 65.70): BF077129.D (-1101) (-)



#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

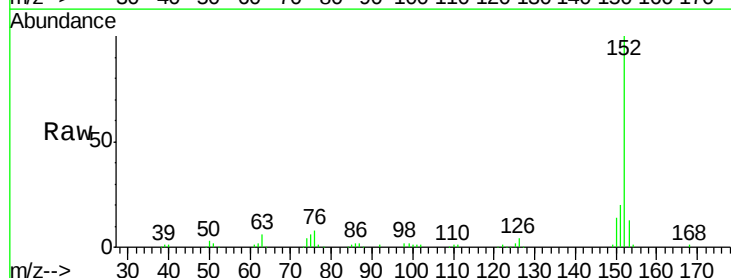
Tgt Ion: 152 Resp: 193760

Ion Ratio Lower Upper

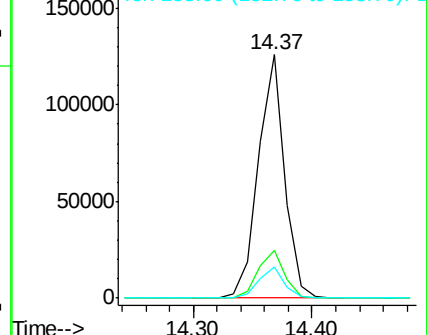
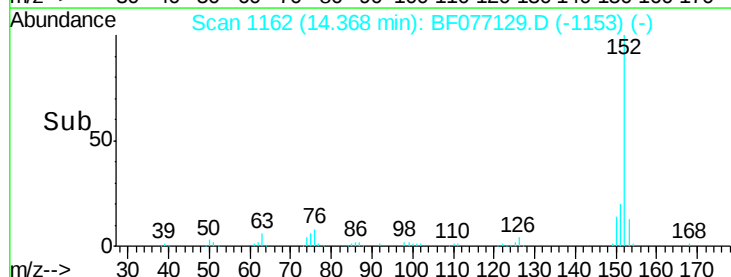
152 100

151 19.7 15.9 23.9

153 12.7 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): BF077129.D (-1153) (-)





#49

Dimethylphthalate

Concen: 30.11 ng

RT: 14.32 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BF077129.D

Acq: 29 Jan 2015 18:12

Instrument :

BNA_F

ClientSampleId :

PB81560BS

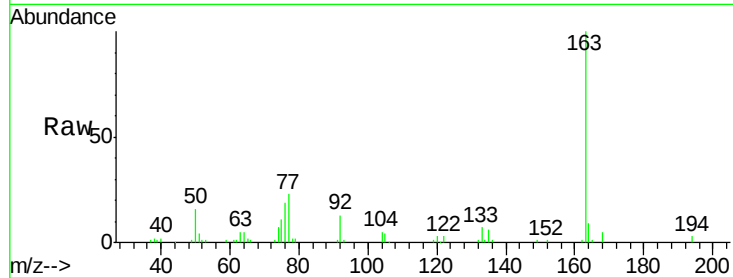
Tgt Ion:163 Resp: 141680

Ion Ratio Lower Upper

163 100

194 2.8 2.6 4.0

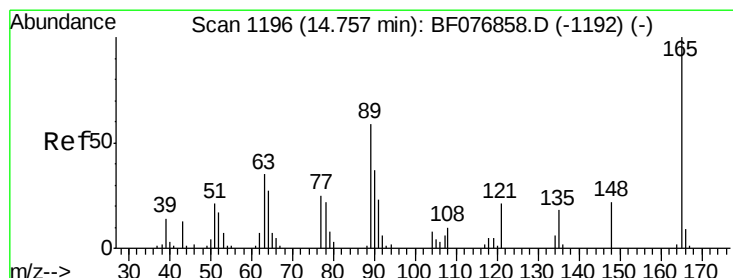
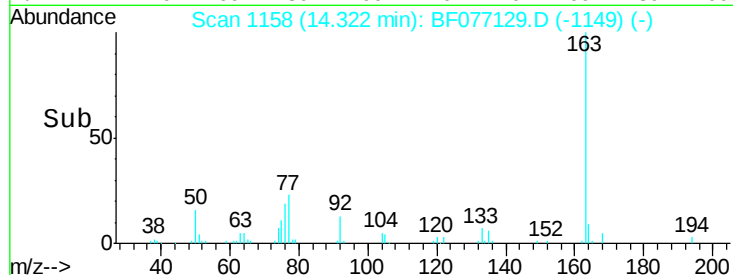
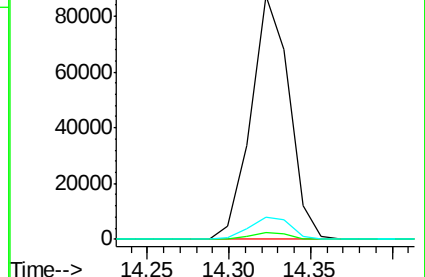
164 9.0 7.5 11.3



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

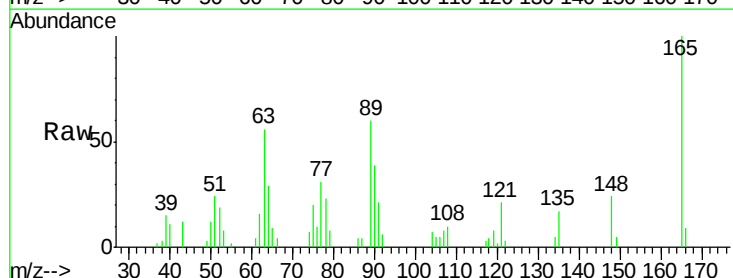
Tgt Ion:165 Resp: 29368

Ion Ratio Lower Upper

165 100

63 56.0 48.1 72.1

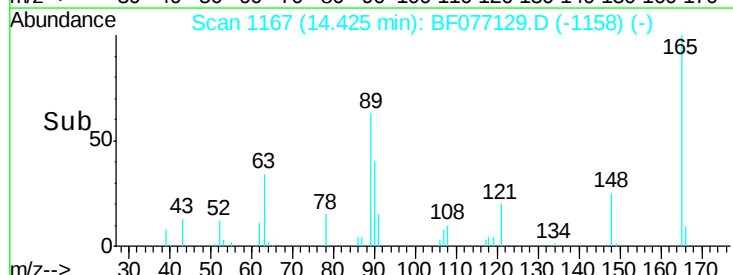
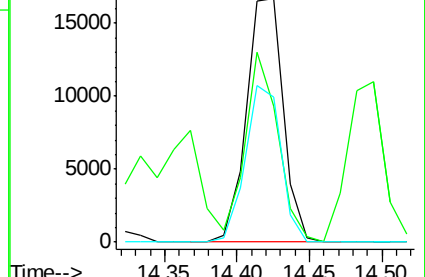
89 59.8 47.2 70.8

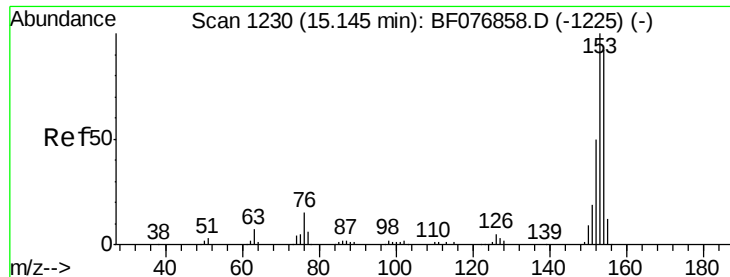


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 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

Instrument :

BNA_F

ClientSampleId :

PB81560BS

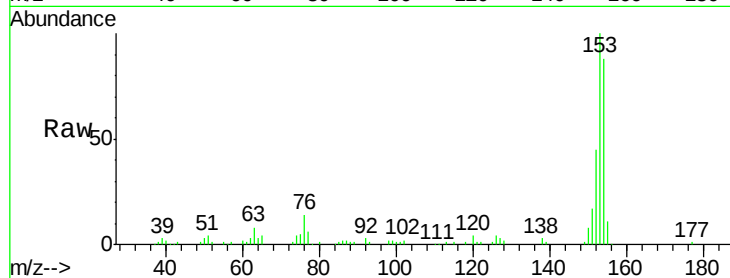
Tgt Ion:154 Resp: 108586

Ion Ratio Lower Upper

154 100

153 113.3 87.0 130.6

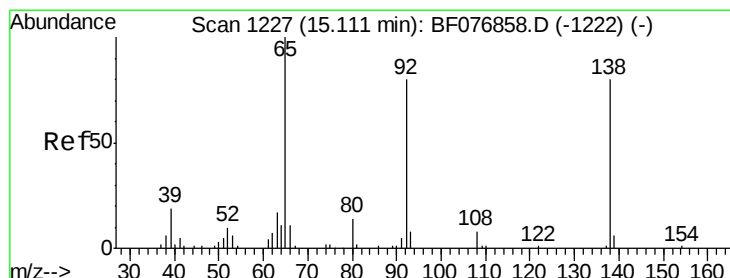
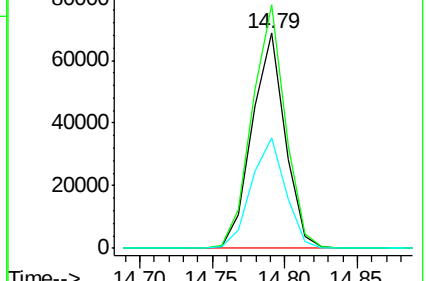
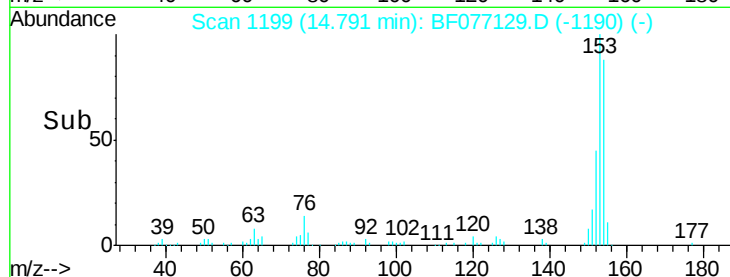
152 51.4 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 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

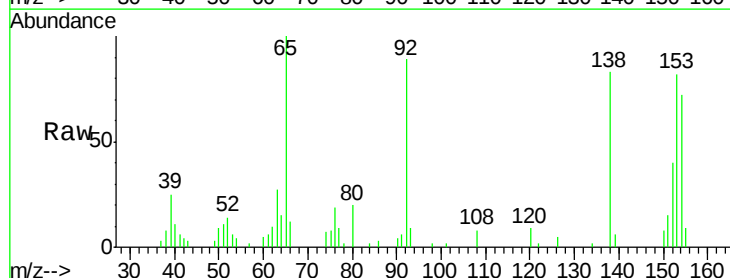
Tgt Ion:138 Resp: 22694

Ion Ratio Lower Upper

138 100

108 9.8 8.3 12.5

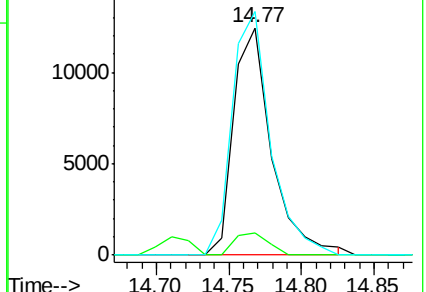
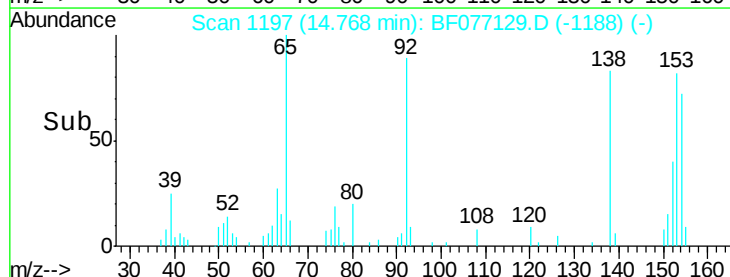
92 107.0 80.9 121.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

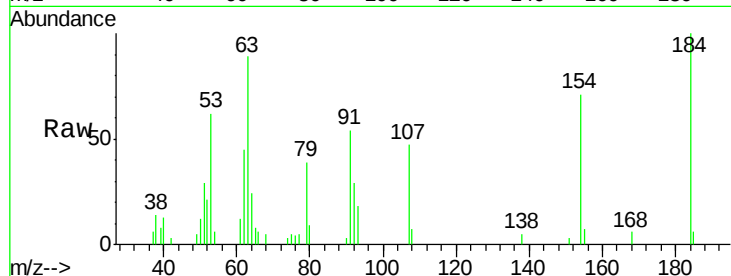




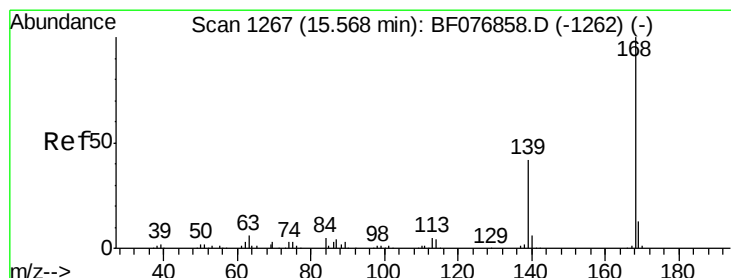
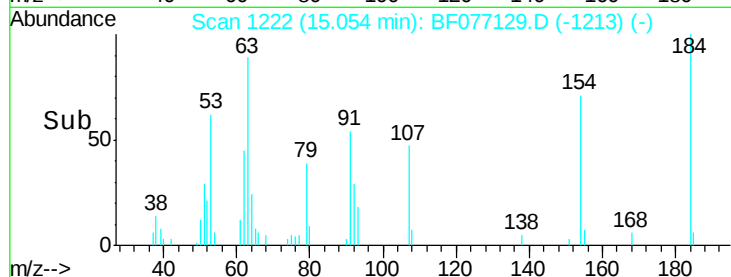
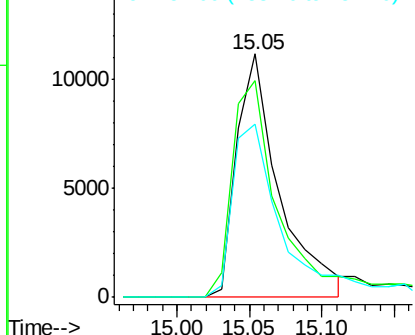
#53
 2,4-Dinitrophenol
 Concen: 55.75 ng
 RT: 15.05 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF077129.D
 Acq: 29 Jan 2015 18:12

Instrument :
 BNA_F
 ClientSampleId :
 PB81560BS

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

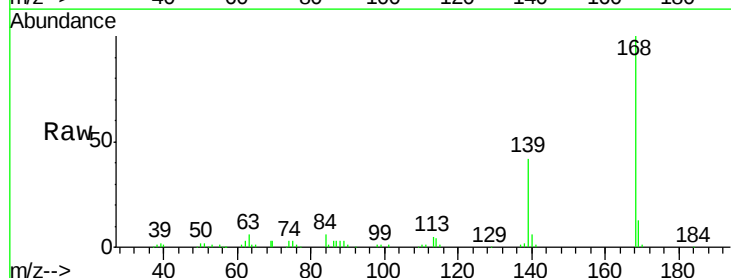


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

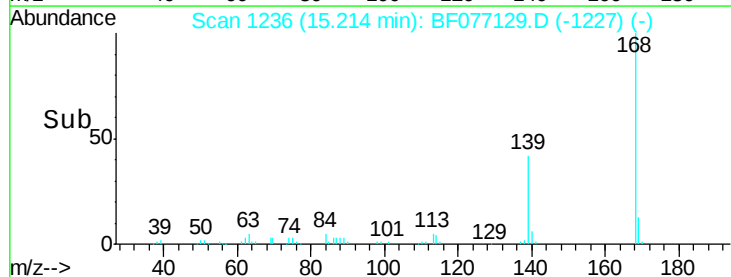
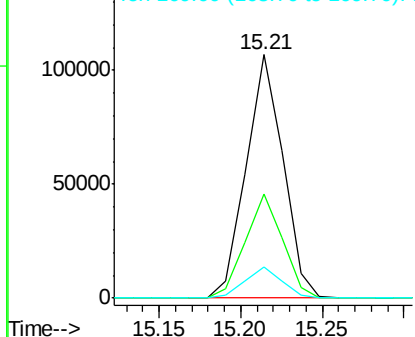


#54
 Dibenzofuran
 Concen: 29.90 ng
 RT: 15.21 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: BF077129.D
 Acq: 29 Jan 2015 18:12

Tgt 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

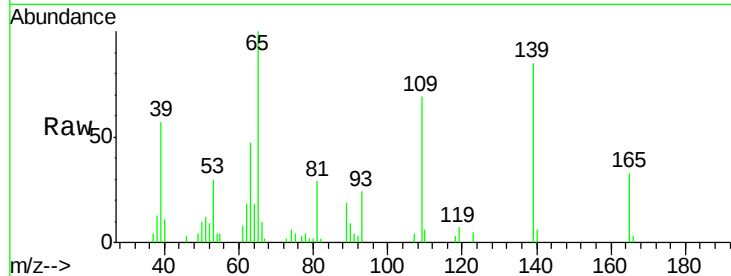




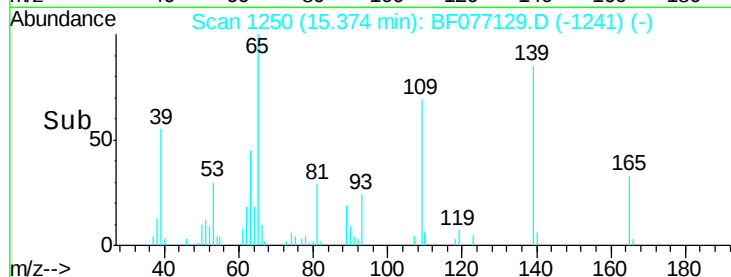
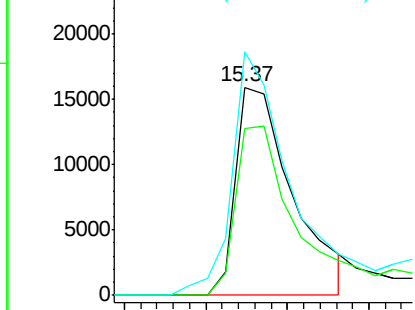
#55
4-Nitrophenol
Concen: 52.21 ng
RT: 15.37 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BF077129.D
Acq: 29 Jan 2015 18:12

Instrument :
BNA_F
ClientSampleId :
PB81560BS

Tgt Ion:139 Resp: 38506
Ion Ratio Lower Upper
139 100
109 80.4 61.0 101.0
65 117.0 96.6 136.6

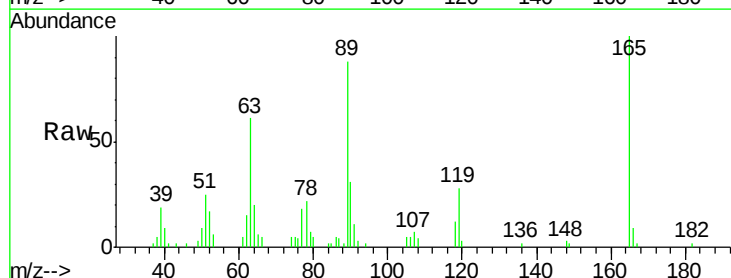


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

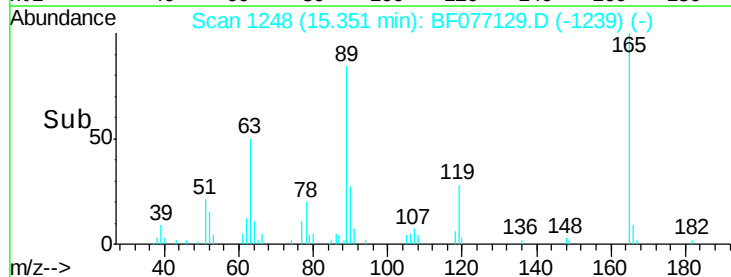
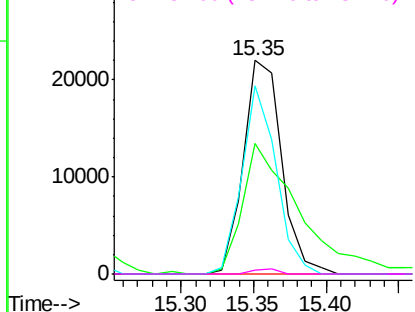


#56
2,4-Dinitrotoluene
Concen: 29.39 ng
RT: 15.35 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BF077129.D
Acq: 29 Jan 2015 18:12

Tgt 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

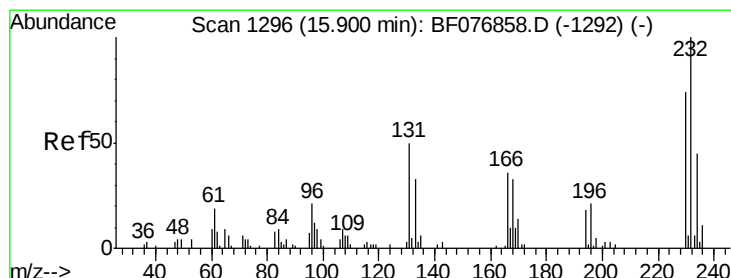
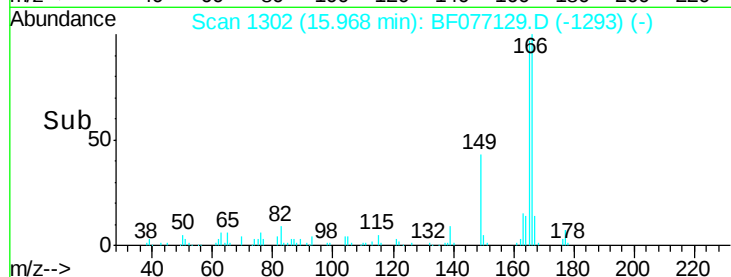
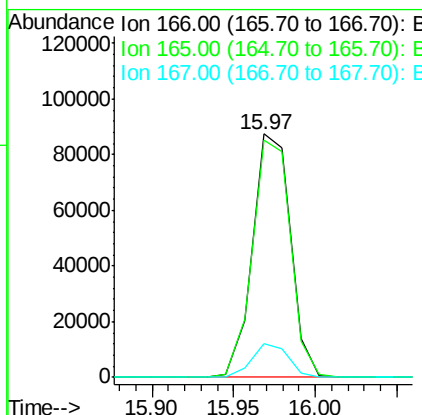
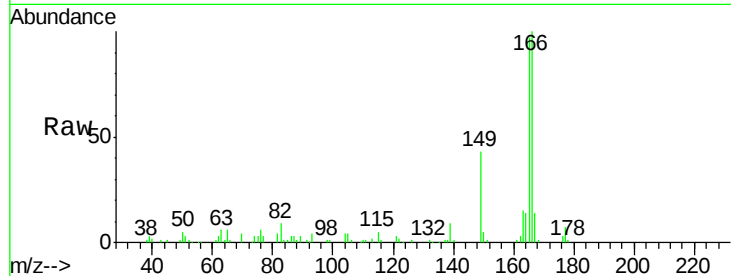




#57
 Fluorene
 Concen: 29.53 ng
 RT: 15.97 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: BF077129.D
 Acq: 29 Jan 2015 18:12

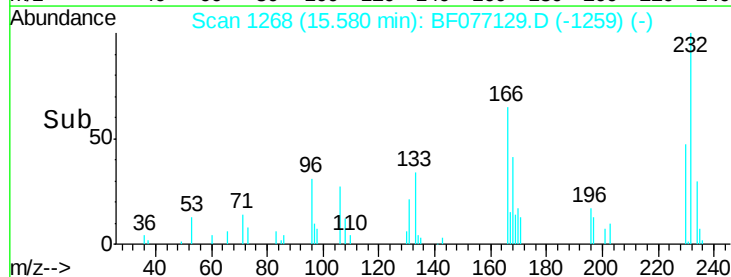
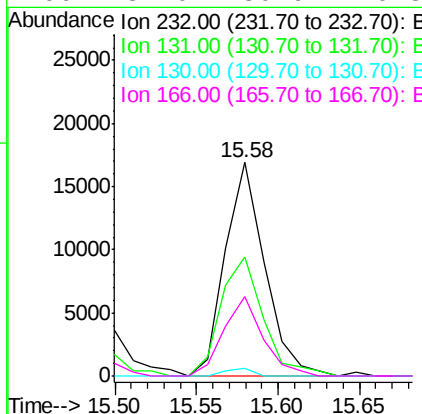
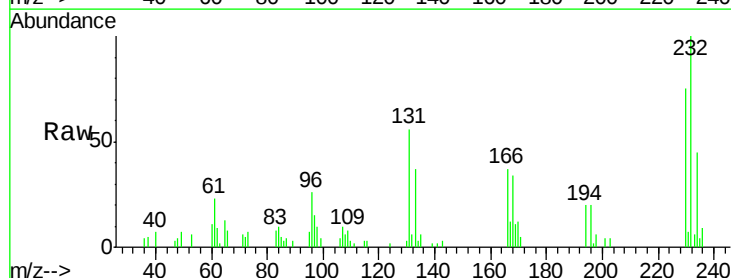
Instrument :
 BNA_F
 ClientSampleId :
 PB81560BS

Tgt Ion:166 Resp: 141189
 Ion Ratio Lower Upper
 166 100
 165 97.3 78.5 117.7
 167 13.6 10.4 15.6



#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

Tgt 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





#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

Instrument :

BNA_F

ClientSampleId :

PB81560BS

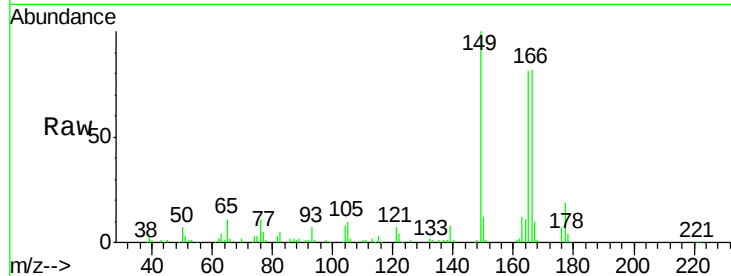
Tgt Ion:149 Resp: 146094

Ion Ratio Lower Upper

149 100

177 19.3 15.0 22.6

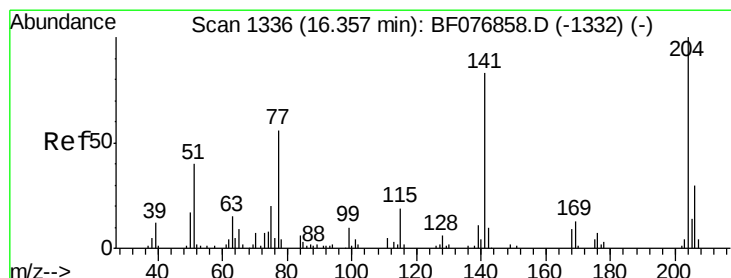
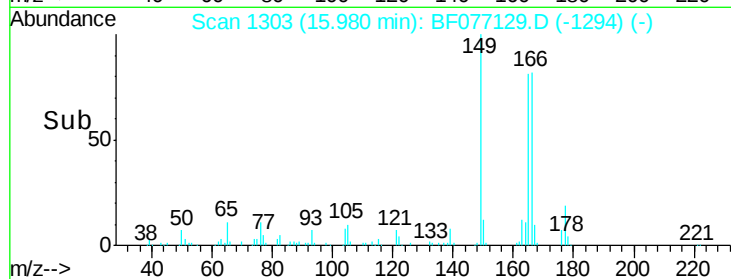
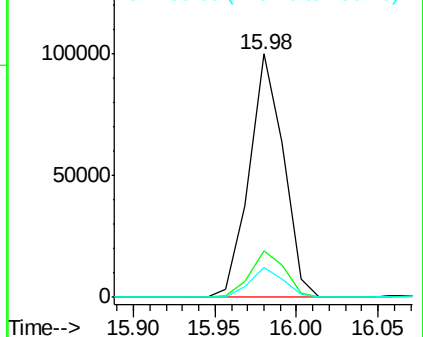
150 12.2 9.4 14.0



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

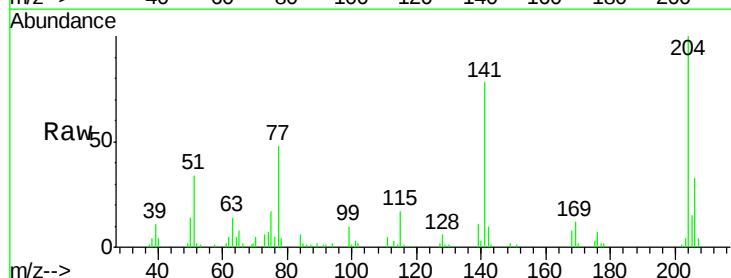
Tgt Ion:204 Resp: 59322

Ion Ratio Lower Upper

204 100

206 32.6 24.2 36.2

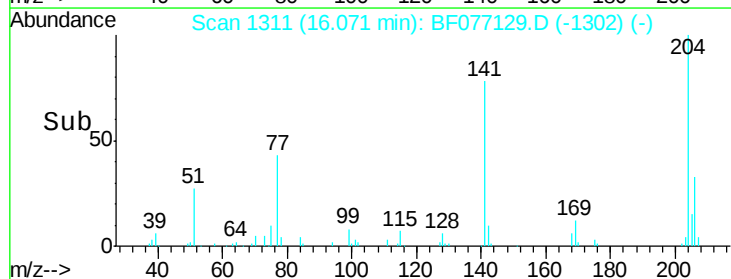
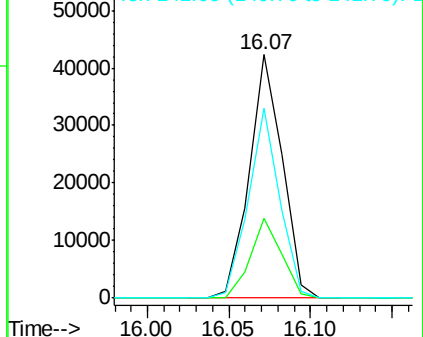
141 77.8 66.7 100.1

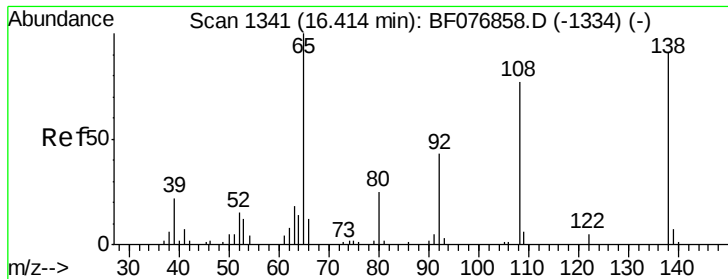


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

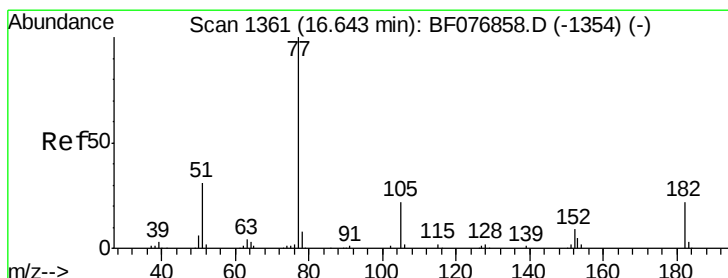
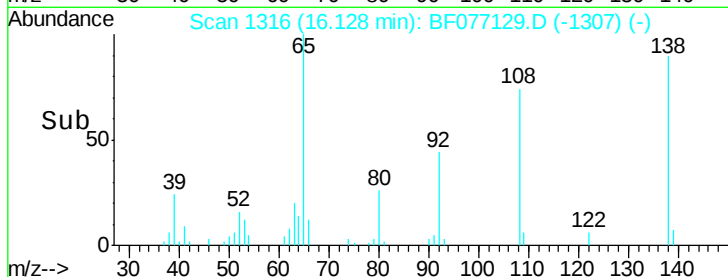
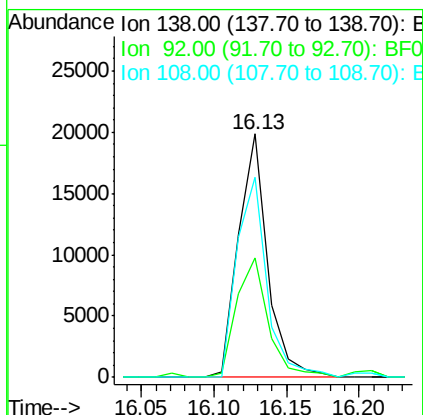
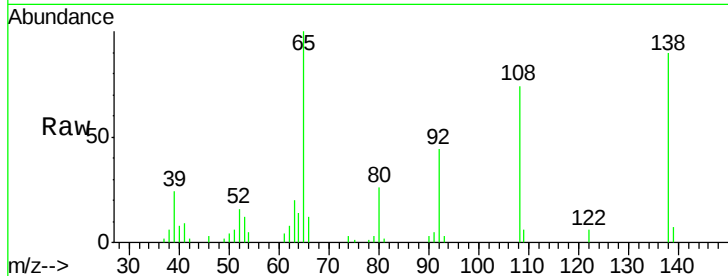




#61
4-Nitroaniline
Concen: 24.09 ng
RT: 16.13 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BF077129.D
Acq: 29 Jan 2015 18:12

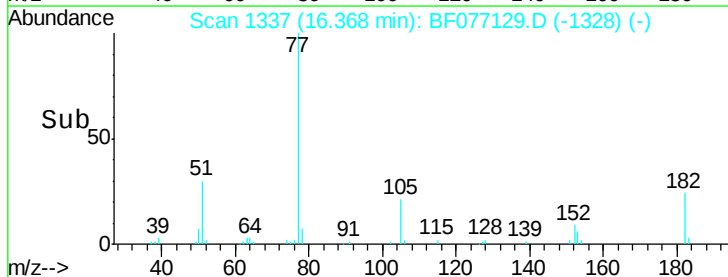
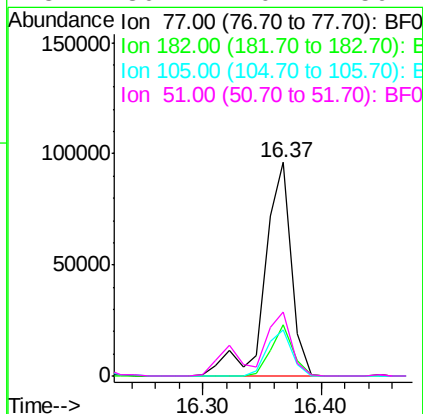
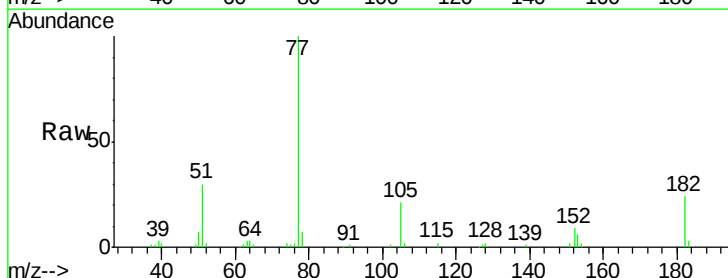
Instrument :
BNA_F
ClientSampleId :
PB81560BS

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



#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

Tgt 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

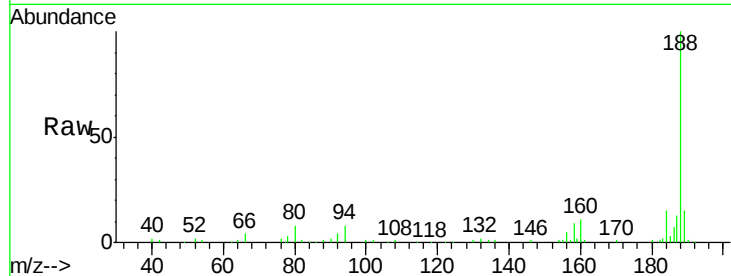




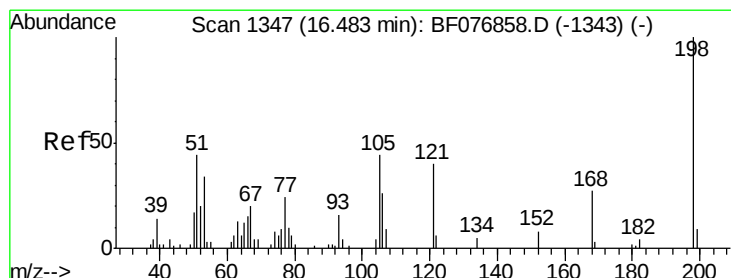
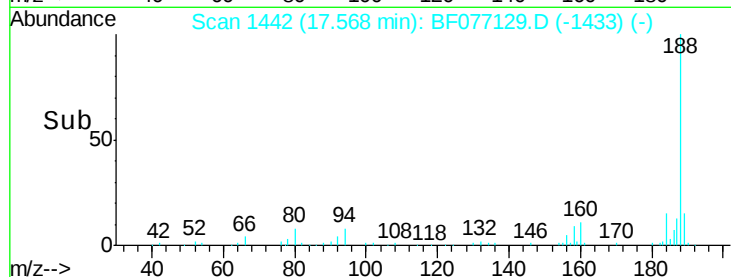
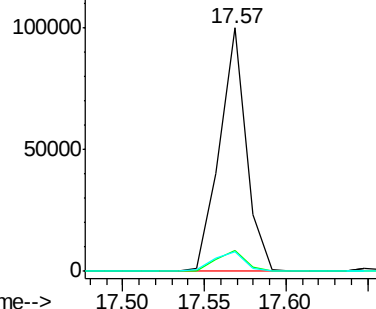
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.57 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BF077129.D
 Acq: 29 Jan 2015 18:12

Instrument :
 BNA_F
 ClientSampleId :
 PB81560BS

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

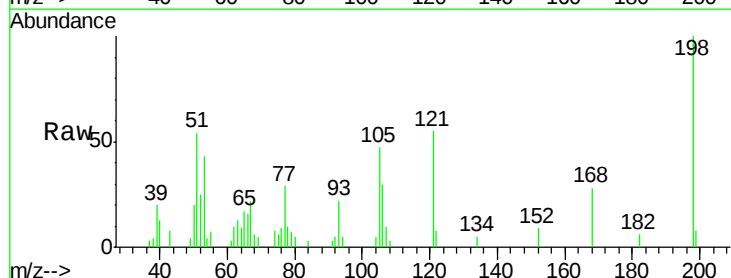


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

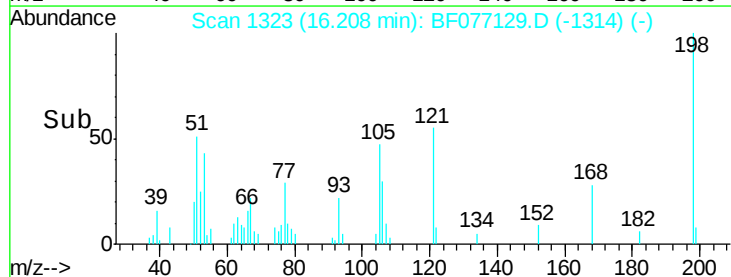
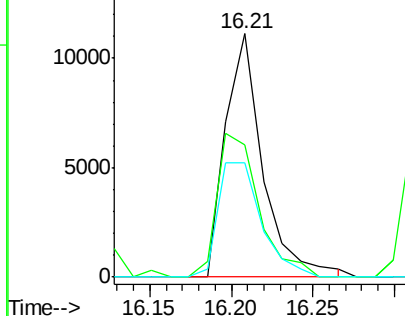


#64
 4,6-Dinitro-2-methylphenol
 Concen: 25.82 ng
 RT: 16.21 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: BF077129.D
 Acq: 29 Jan 2015 18:12

Tgt 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

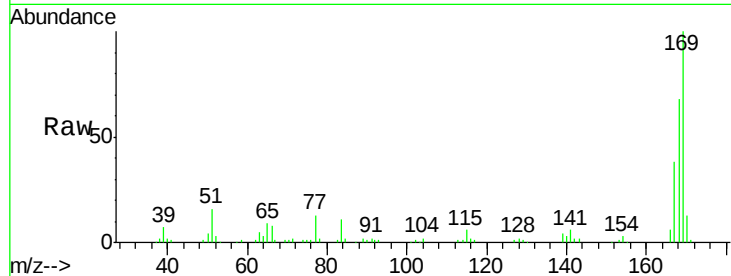




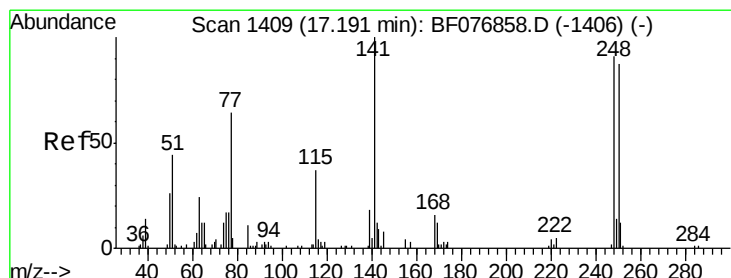
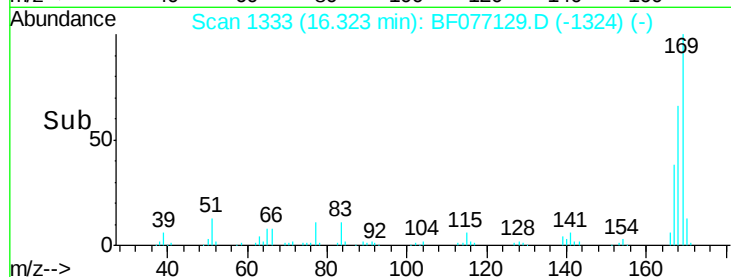
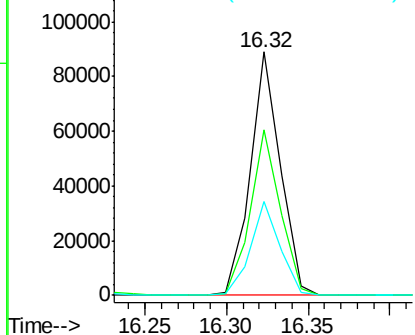
#65
 n-Nitrosodiphenylamine
 Concen: 28.15 ng
 RT: 16.32 min Scan# 1333
 Delta R.T. 0.00 min
 Lab File: BF077129.D
 Acq: 29 Jan 2015 18:12

Instrument :
 BNA_F
 ClientSampleId :
 PB81560BS

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

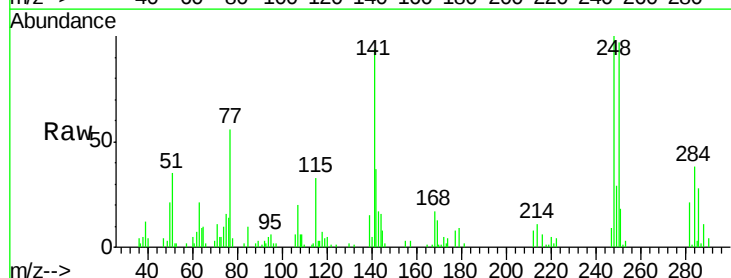


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

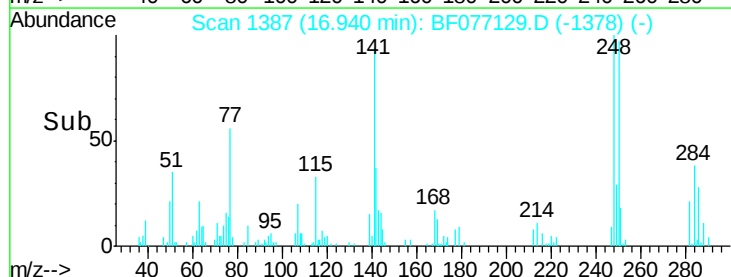
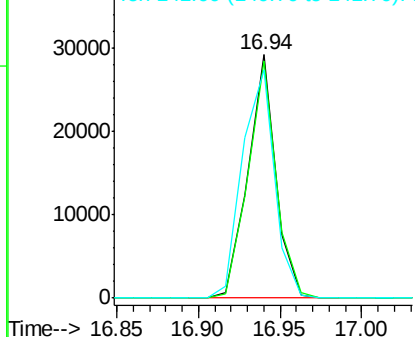


#66
 4-Bromophenyl-phenylether
 Concen: 29.83 ng
 RT: 16.94 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: BF077129.D
 Acq: 29 Jan 2015 18:12

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



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

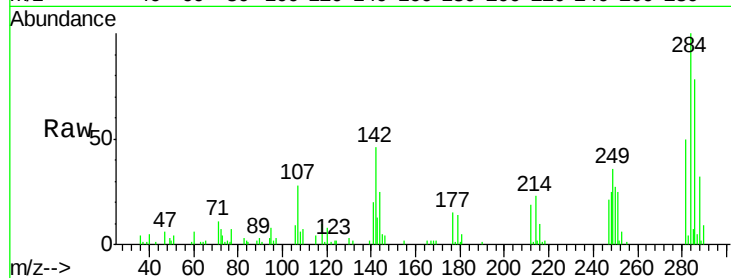




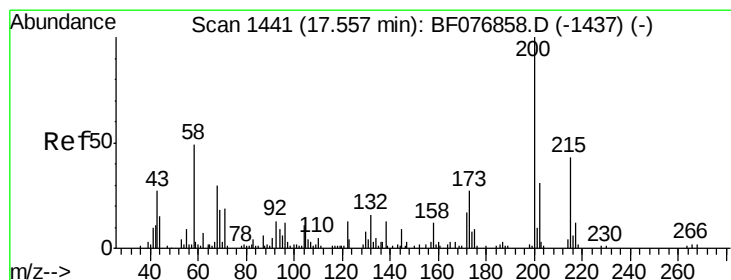
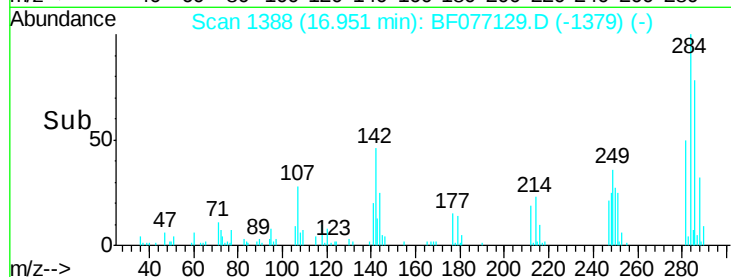
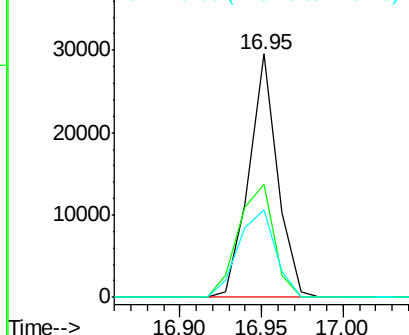
#67
Hexachlorobenzene
Concen: 29.73 ng
RT: 16.95 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BF077129.D
Acq: 29 Jan 2015 18:12

Instrument :
BNA_F
ClientSampleId :
PB81560BS

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

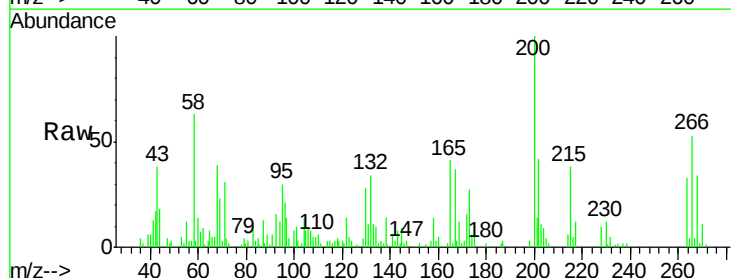


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

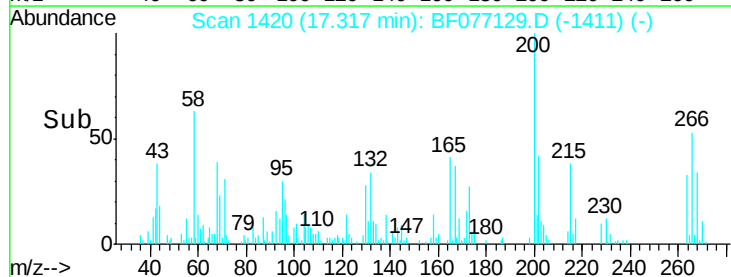
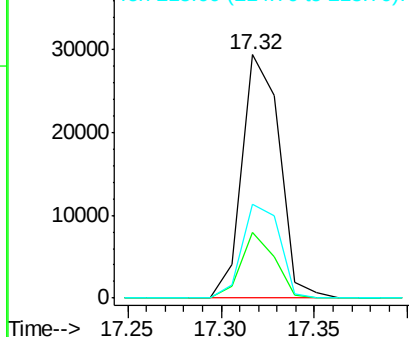


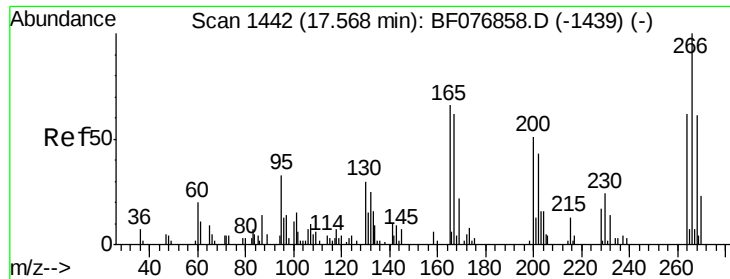
#68
Atrazine
Concen: 33.87 ng
RT: 17.32 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BF077129.D
Acq: 29 Jan 2015 18:12

Tgt Ion: 200 Resp: 41569
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

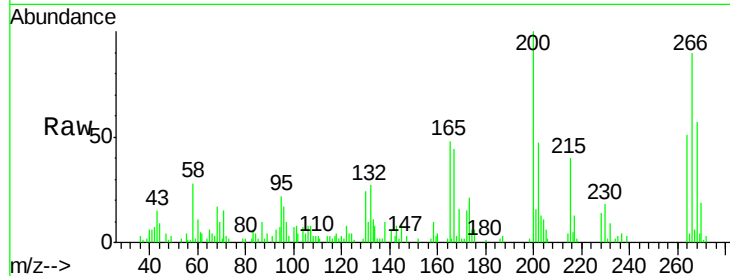




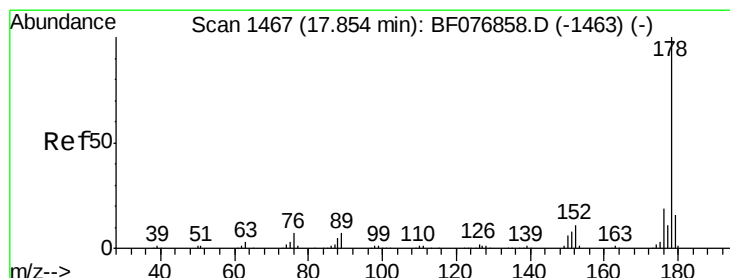
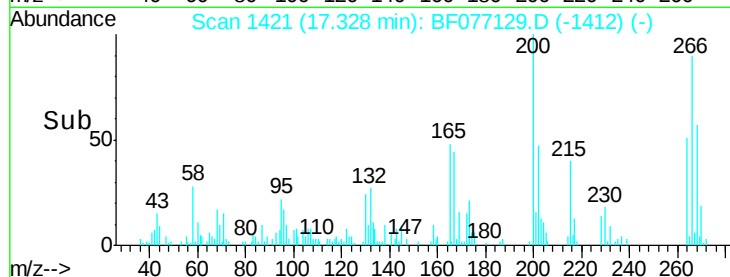
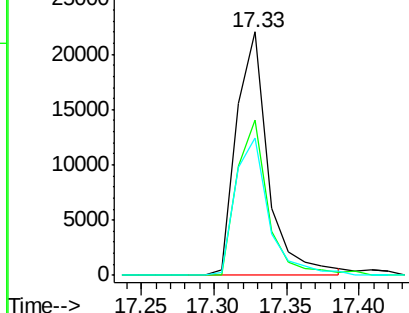
#69
Pentachlorophenol
 Concen: 62.19 ng
 RT: 17.33 min Scan# 1421
 Delta R.T. 0.00 min
 Lab File: BF077129.D
 Acq: 29 Jan 2015 18:12

Instrument :
 BNA_F
 ClientSampleId :
 PB81560BS

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

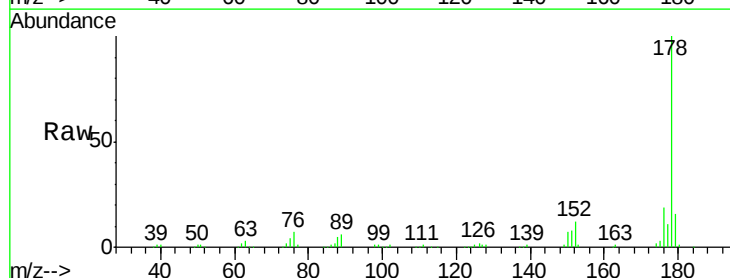


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

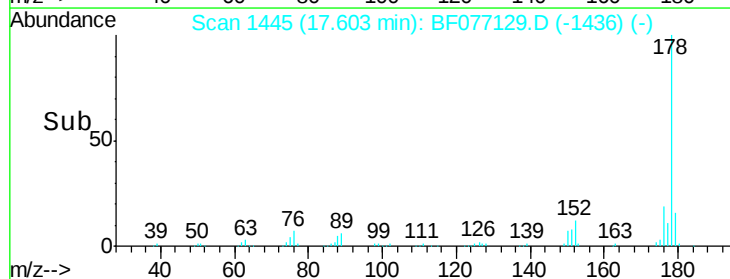
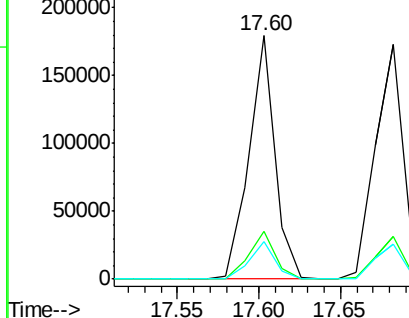


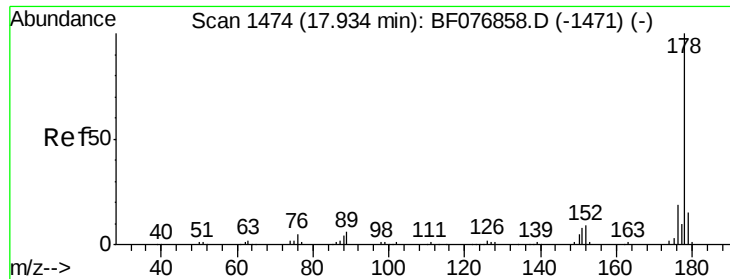
#70
Phenanthrene
 Concen: 28.10 ng
 RT: 17.60 min Scan# 1445
 Delta R.T. 0.00 min
 Lab File: BF077129.D
 Acq: 29 Jan 2015 18:12

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



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

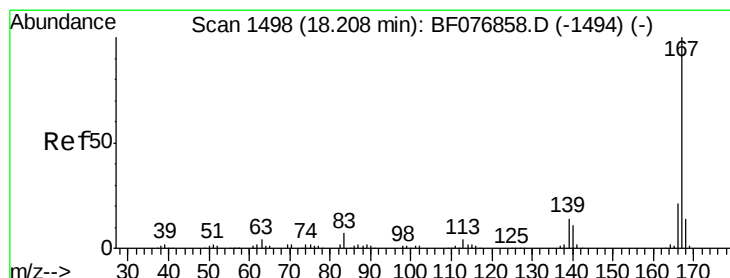
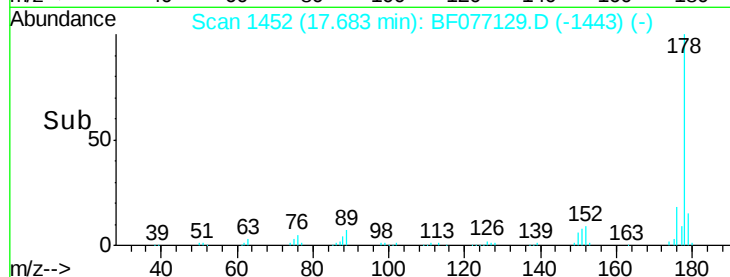
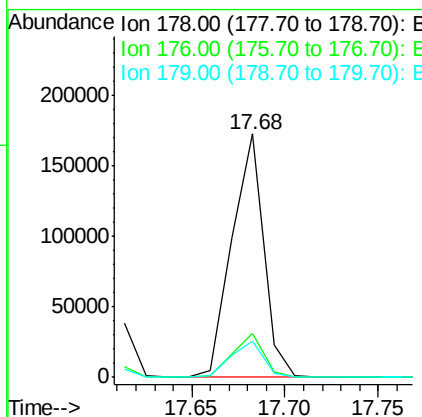
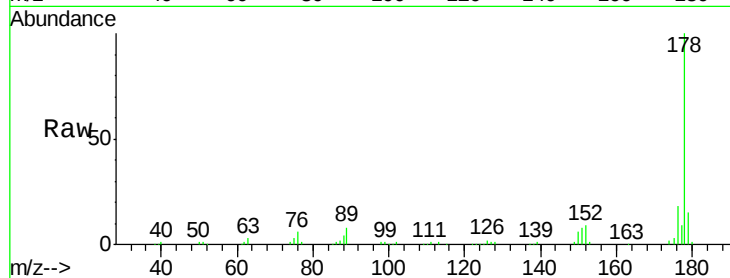




#71
 Anthracene
 Concen: 29.94 ng
 RT: 17.68 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: BF077129.D
 Acq: 29 Jan 2015 18:12

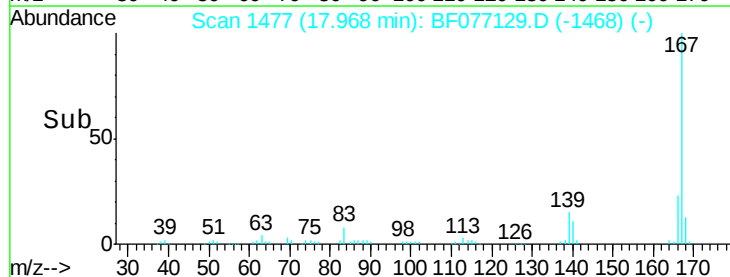
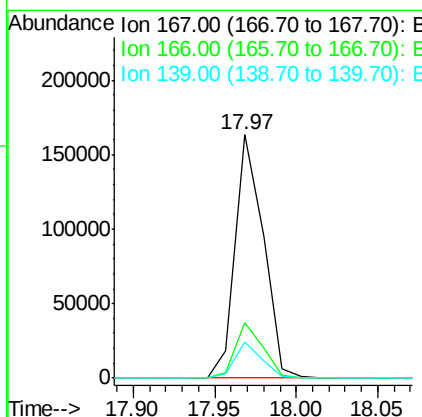
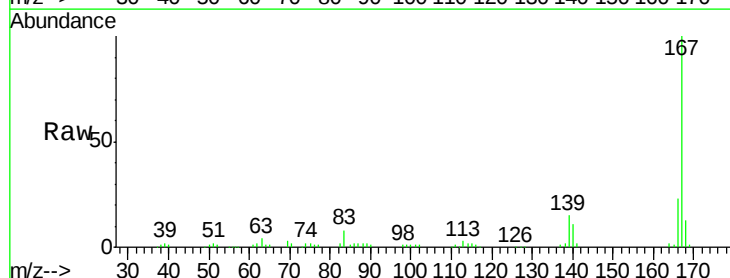
Instrument :
 BNA_F
 ClientSampleId :
 PB81560BS

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

Tgt 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

Instrument :

BNA_F

ClientSampleId :

PB81560BS

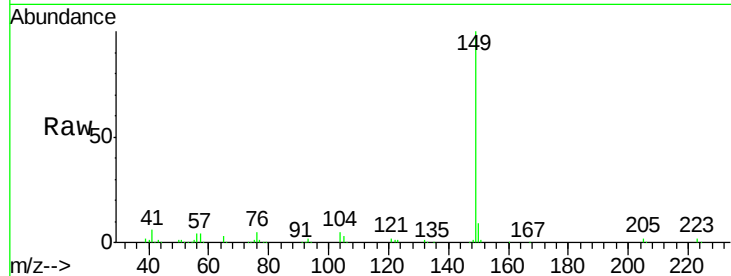
Tgt Ion:149 Resp: 234985

Ion Ratio Lower Upper

149 100

150 8.9 6.9 10.3

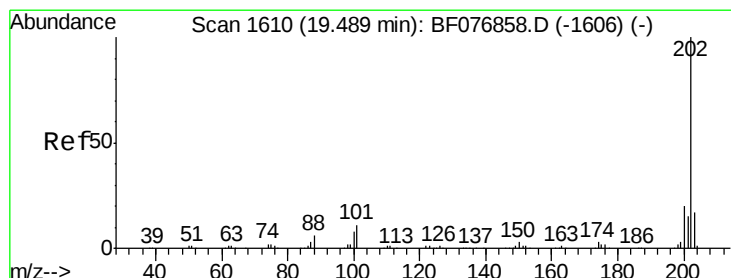
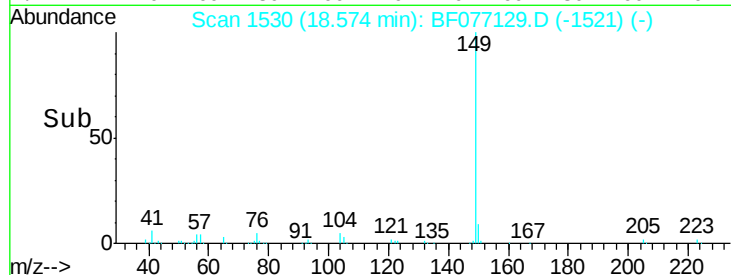
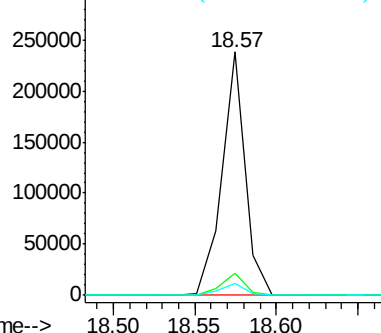
104 4.9 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 29.45 ng

RT: 19.25 min Scan# 1589

Delta R.T. 0.00 min

Lab File: BF077129.D

Acq: 29 Jan 2015 18:12

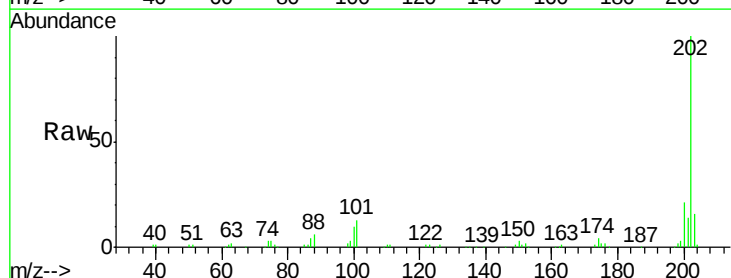
Tgt Ion:202 Resp: 213463

Ion Ratio Lower Upper

202 100

101 12.6 0.0 30.7

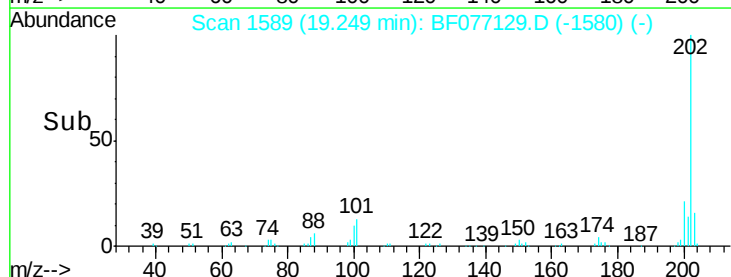
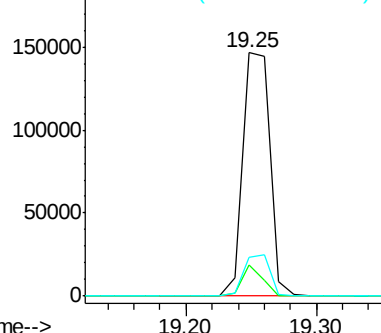
203 16.0 0.0 36.9

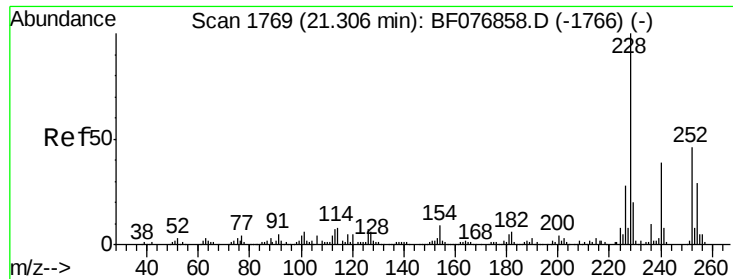


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.08 min Scan# 1749

Delta R.T. 0.00 min

Lab File: BF077129.D

Acq: 29 Jan 2015 18:12

Instrument :

BNA_F

ClientSampleId :

PB81560BS

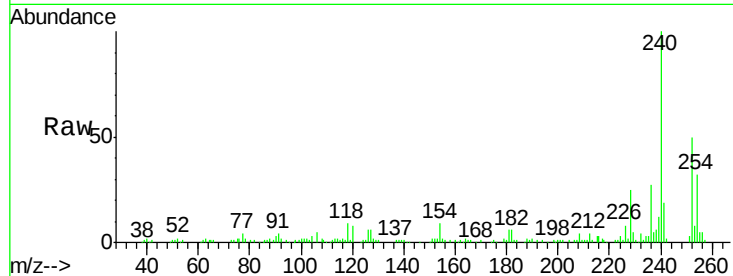
Tgt Ion:240 Resp: 109907

Ion Ratio Lower Upper

240 100

120 8.3 10.4 15.6#

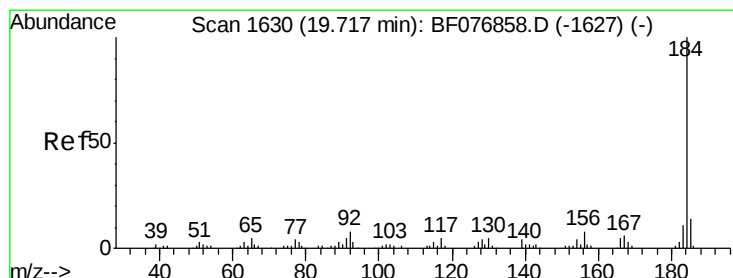
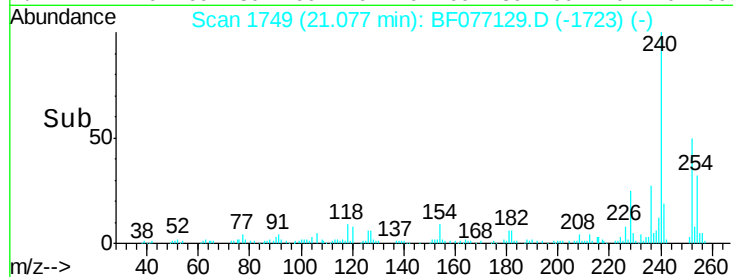
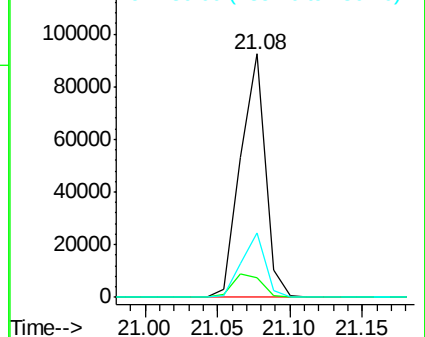
236 26.5 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 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

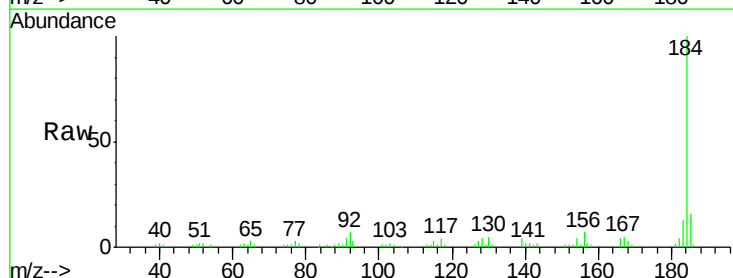
Tgt Ion:184 Resp: 81150

Ion Ratio Lower Upper

184 100

185 15.9 11.4 17.2

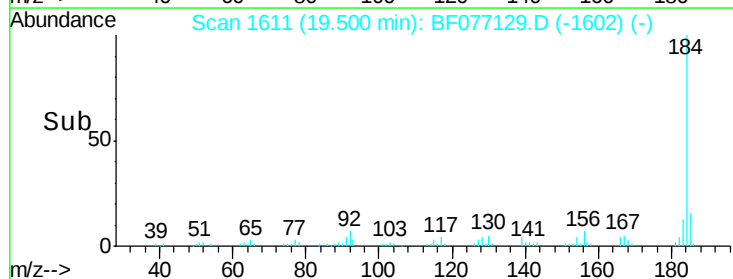
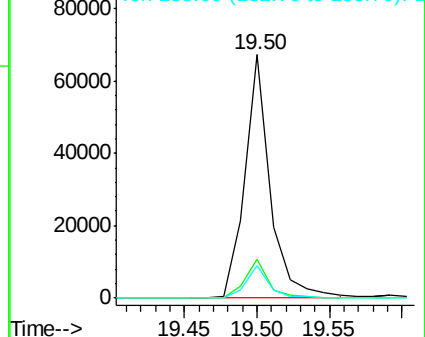
183 13.5 9.0 13.6

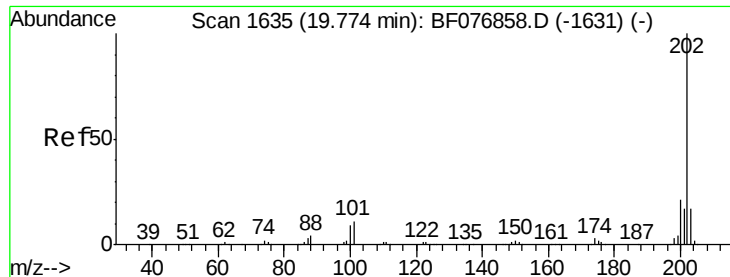


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

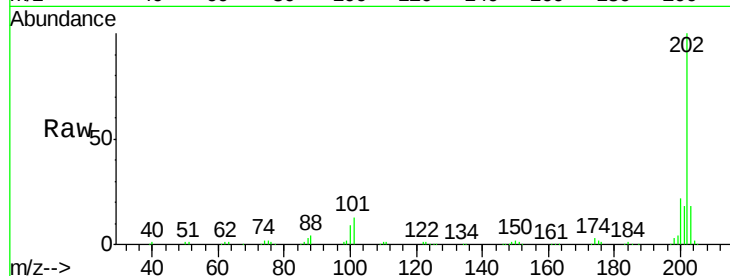




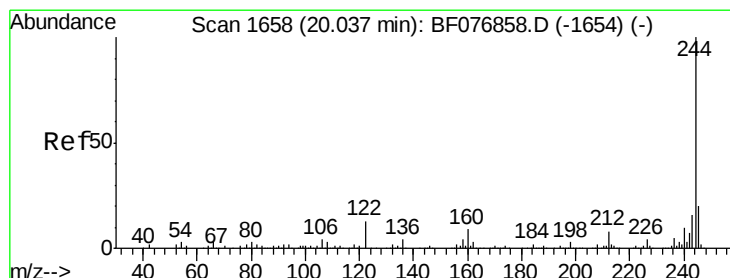
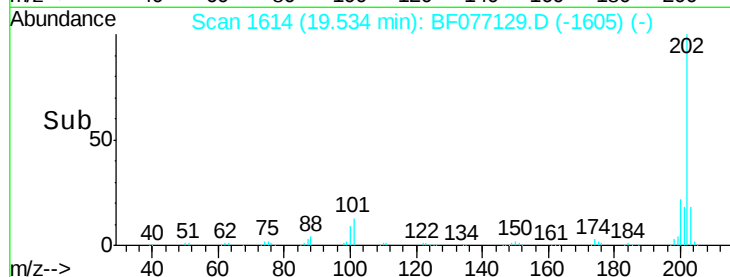
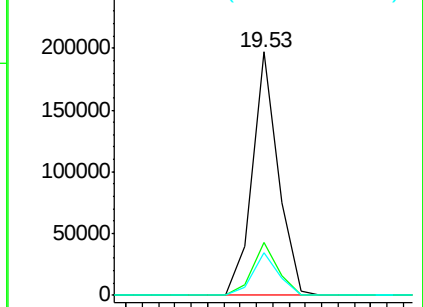
#77
 Pyrene
 Concen: 28.81 ng
 RT: 19.53 min Scan# 1614
 Delta R.T. 0.00 min
 Lab File: BF077129.D
 Acq: 29 Jan 2015 18:12

Instrument :
 BNA_F
 ClientSampleId :
 PB81560BS

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

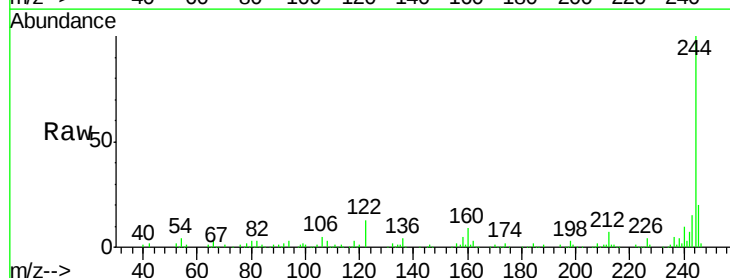


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

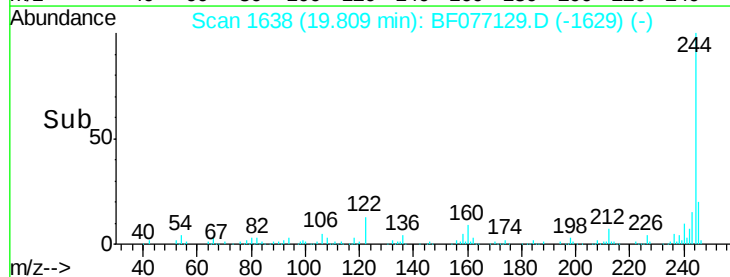
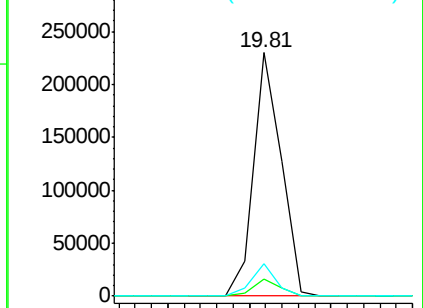


#78
 Terphenyl-d14
 Concen: 56.77 ng
 RT: 19.81 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: BF077129.D
 Acq: 29 Jan 2015 18:12

Tgt 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

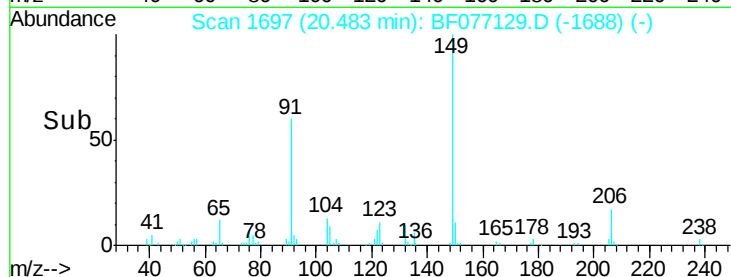
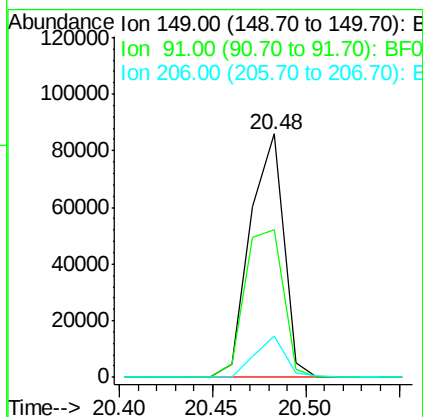
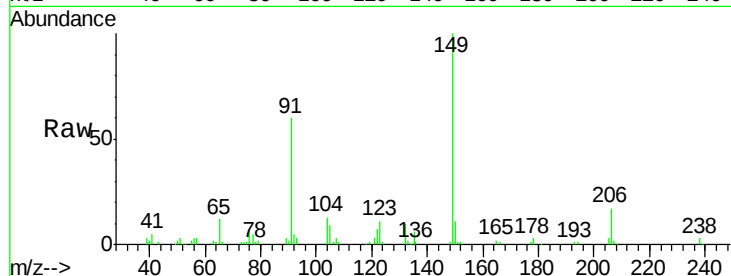




#79
Butylbenzylphthalate
Concen: 31.35 ng
RT: 20.48 min Scan# 1697
Delta R.T. 0.00 min
Lab File: BF077129.D
Acq: 29 Jan 2015 18:12

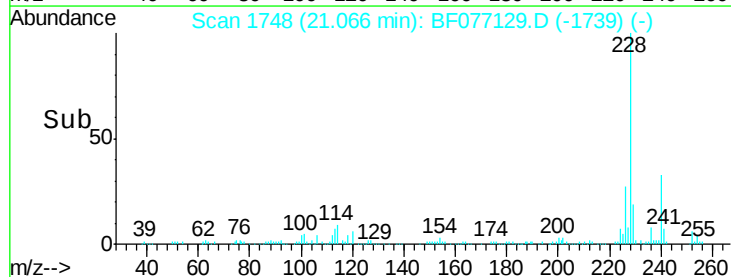
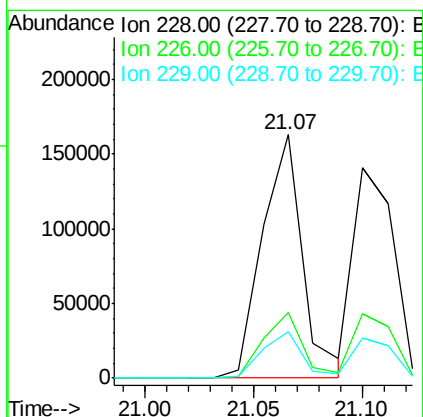
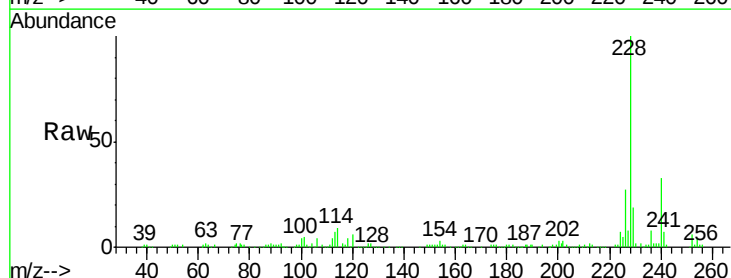
Instrument :
BNA_F
ClientSampleId :
PB81560BS

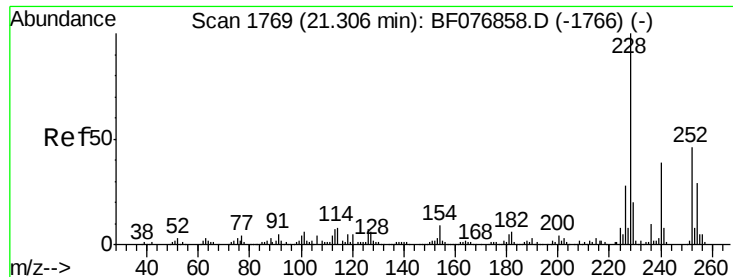
Tgt Ion:149 Resp: 106937
Ion Ratio Lower Upper
149 100
91 60.5 50.6 76.0
206 16.8 12.8 19.2



#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

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

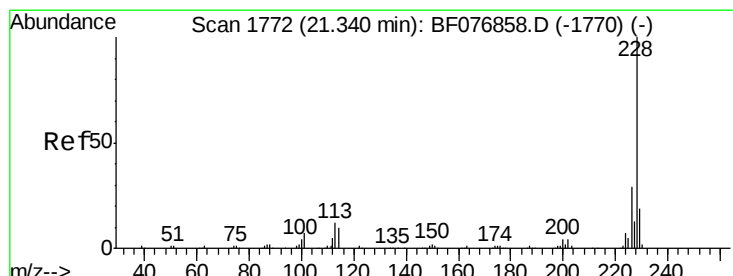
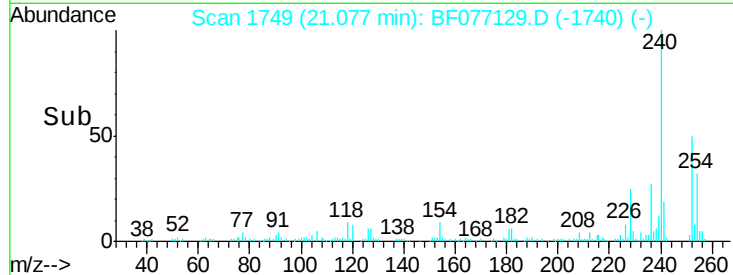
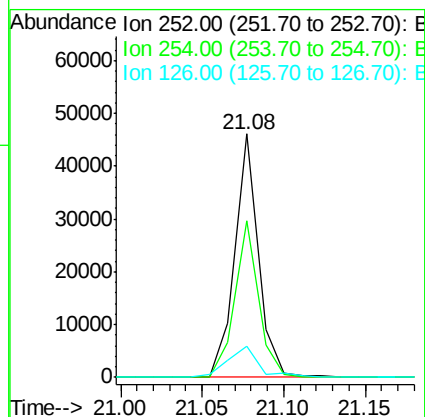
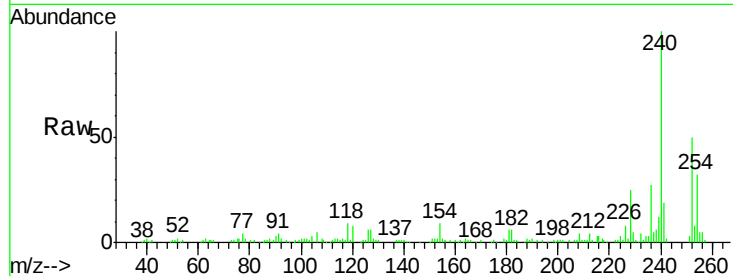




#81
 3,3'-Dichlorobenzidine
 Concen: 20.99 ng
 RT: 21.08 min Scan# 1749
 Delta R.T. 0.00 min
 Lab File: BF077129.D
 Acq: 29 Jan 2015 18:12

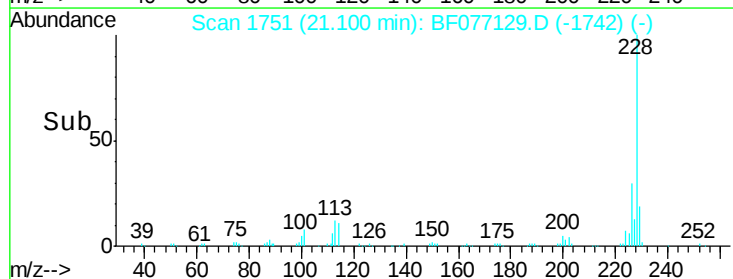
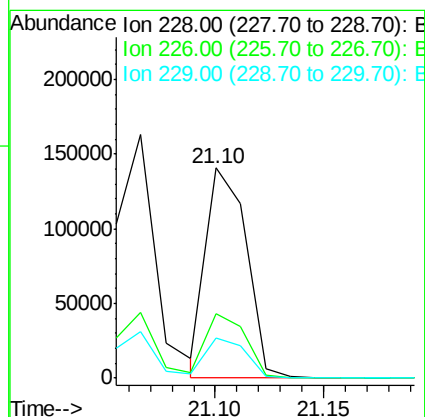
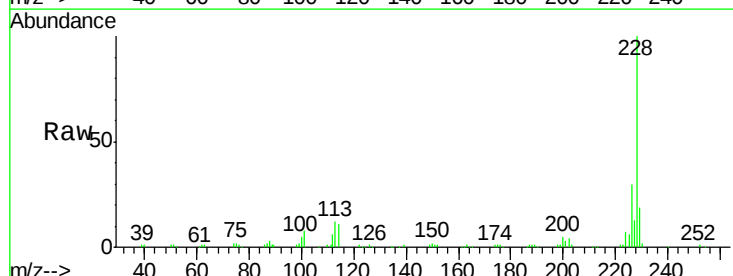
Instrument :
 BNA_F
 ClientSampleId :
 PB81560BS

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: 28.73 ng
 RT: 21.10 min Scan# 1751
 Delta R.T. 0.00 min
 Lab File: BF077129.D
 Acq: 29 Jan 2015 18:12

Tgt Ion:228 Resp: 180689
 Ion Ratio Lower Upper
 228 100
 226 30.4 23.4 35.0
 229 18.8 15.4 23.0





#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

Instrument :

BNA_F

ClientSampleId :

PB81560BS

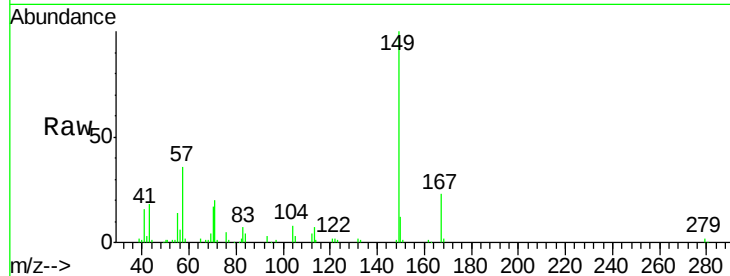
Tgt Ion:149 Resp: 145981

Ion Ratio Lower Upper

149 100

167 22.7 20.6 30.8

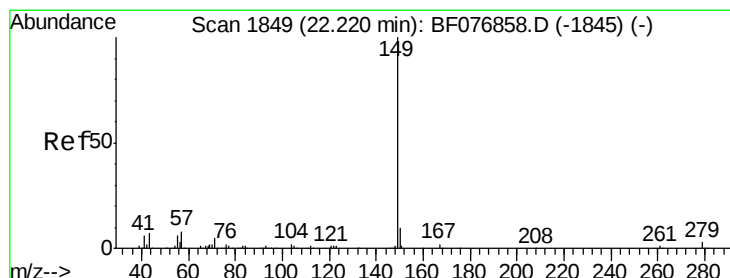
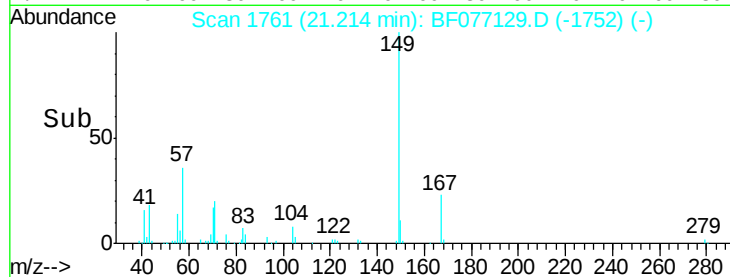
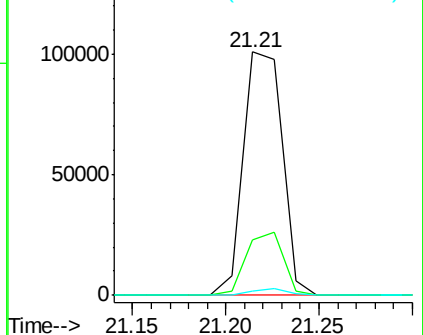
279 1.7 2.2 3.2#



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



#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

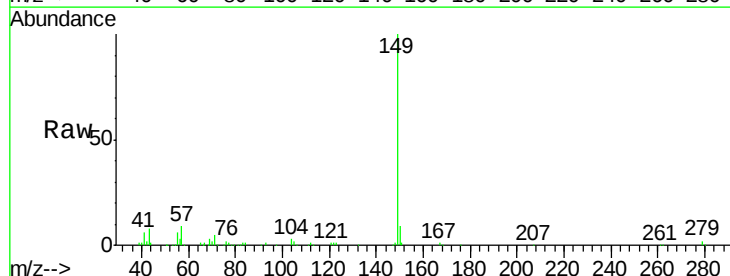
Tgt Ion:149 Resp: 261014

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

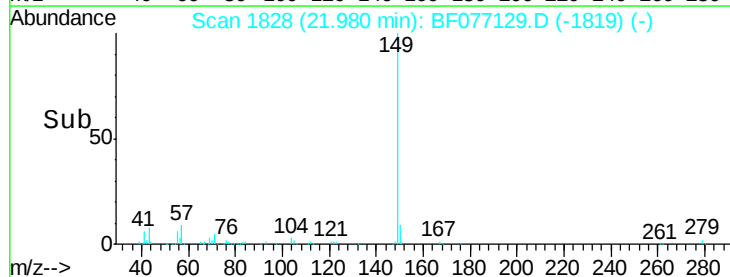
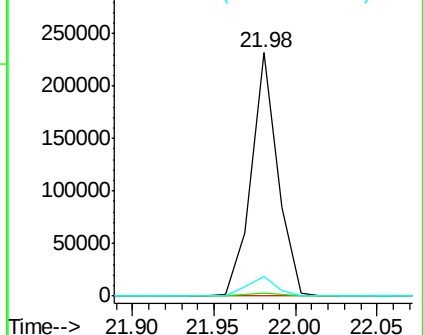
43 8.8 6.6 10.0

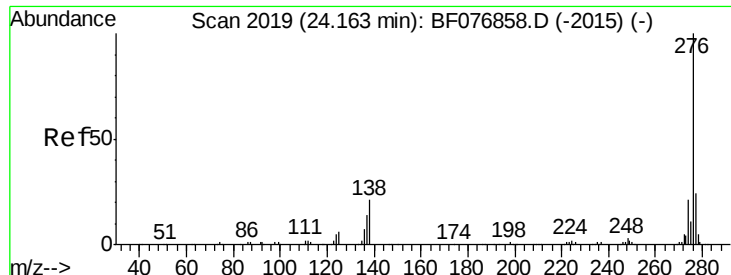


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

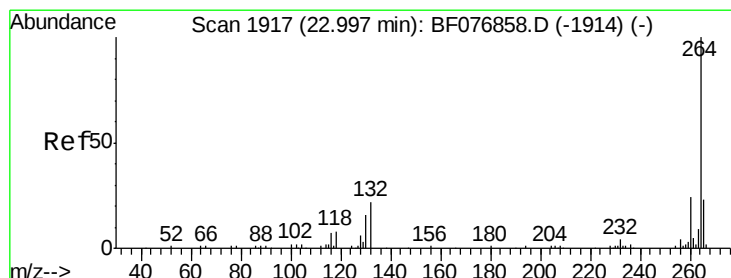
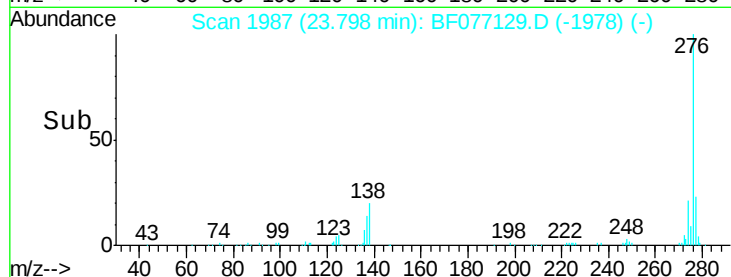
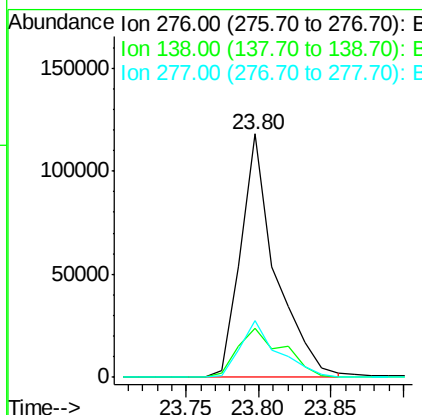
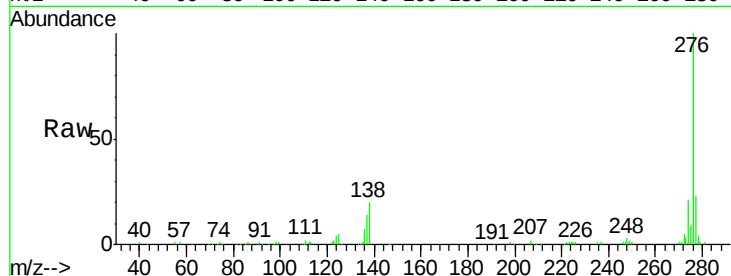




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 29.47 ng
 RT: 23.80 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: BF077129.D
 Acq: 29 Jan 2015 18:12

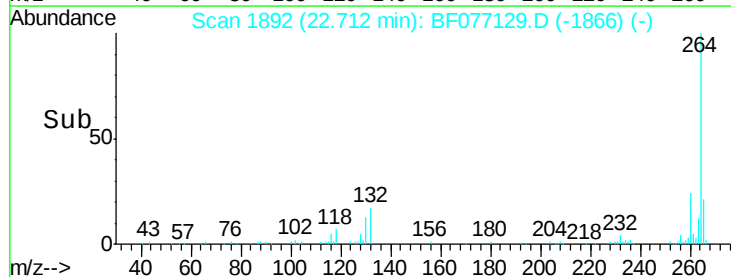
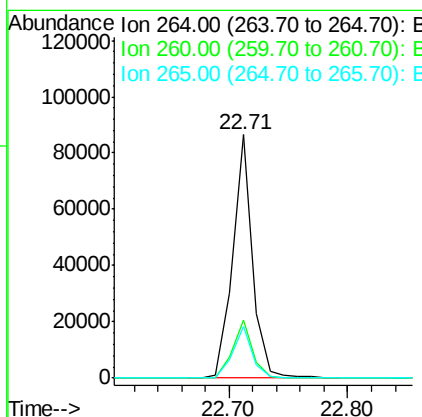
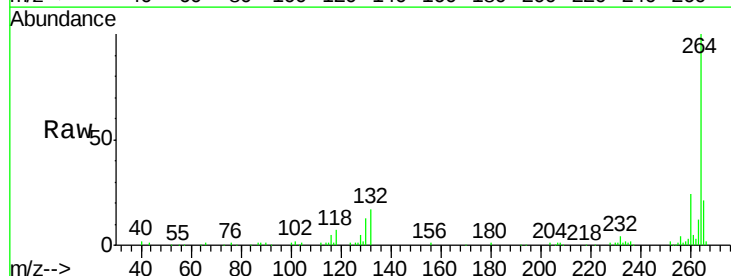
Instrument :
 BNA_F
 ClientSampleId :
 PB81560BS

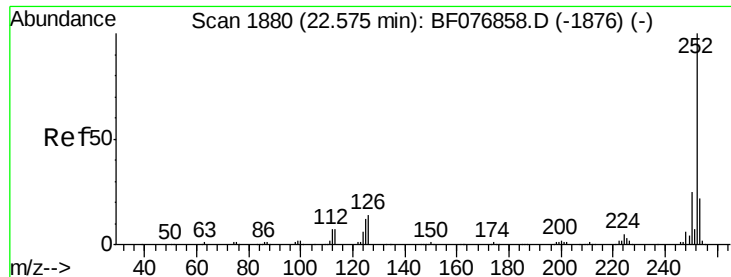
Tgt Ion: 276 Resp: 196405
 Ion Ratio Lower Upper
 276 100
 138 26.3 14.6 22.0#
 277 24.9 14.8 22.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.71 min Scan# 1892
 Delta R.T. 0.00 min
 Lab File: BF077129.D
 Acq: 29 Jan 2015 18:12

Tgt Ion: 264 Resp: 99330
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.4
 265 21.3 18.1 27.1

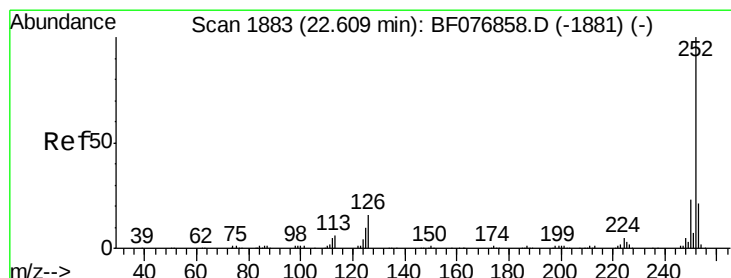
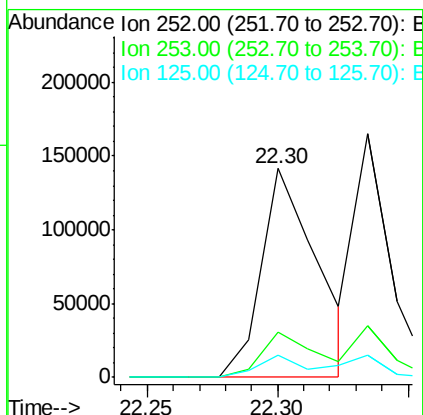
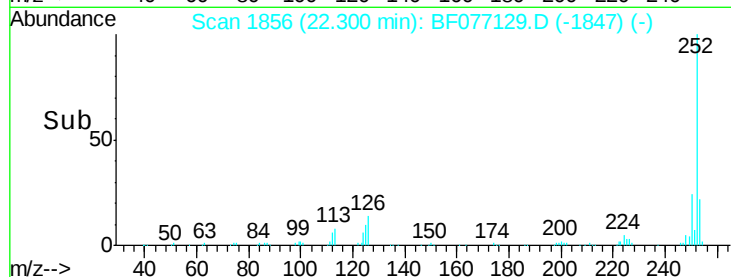
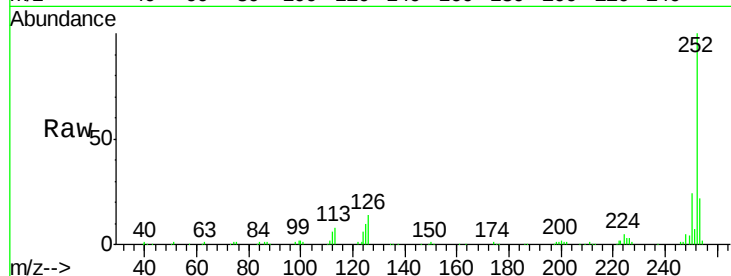




#87
Benzo(b)fluoranthene
Concen: 31.69 ng
RT: 22.30 min Scan# 1856
Delta R.T. 0.00 min
Lab File: BF077129.D
Acq: 29 Jan 2015 18:12

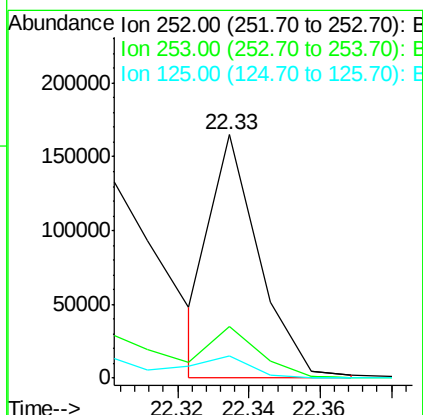
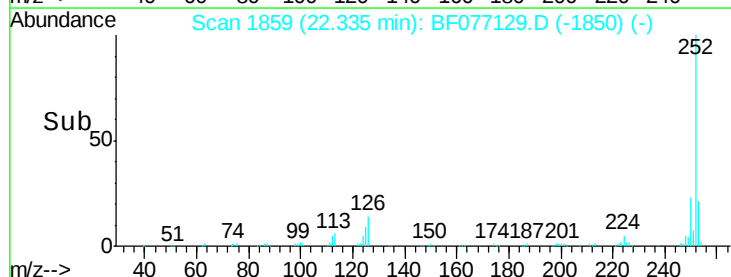
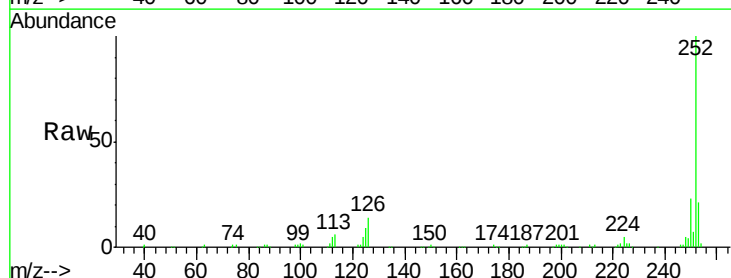
Instrument :
BNA_F
ClientSampleId :
PB81560BS

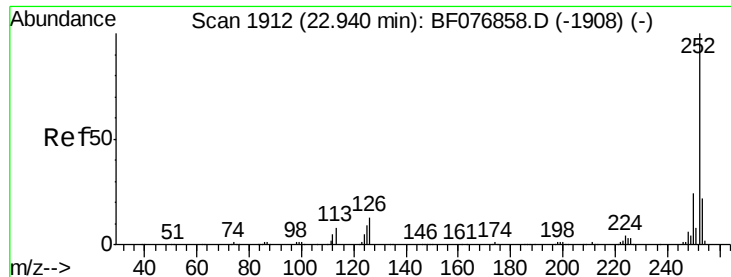
Tgt Ion: 252 Resp: 212021
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 10.4 9.4 14.0



#88
Benzo(k)fluoranthene
Concen: 26.21 ng m
RT: 22.33 min Scan# 1859
Delta R.T. 0.00 min
Lab File: BF077129.D
Acq: 29 Jan 2015 18:12

Tgt Ion: 252 Resp: 153188
Ion Ratio Lower Upper
252 100
253 21.3 17.2 25.8
125 9.3 7.1 10.7





#89

Benzo(a)pyrene

Concen: 30.22 ng

RT: 22.65 min Scan# 1887

Delta R.T. 0.00 min

Lab File: BF077129.D

Acq: 29 Jan 2015 18:12

Instrument :

BNA_F

ClientSampleId :

PB81560BS

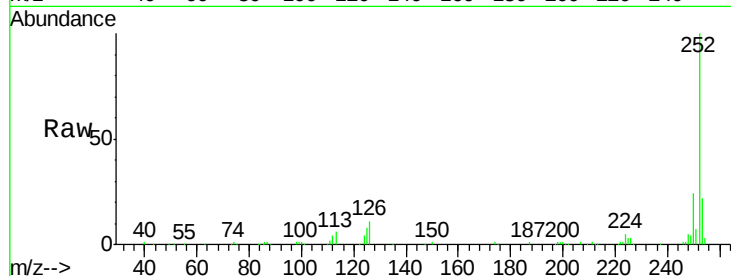
Tgt Ion:252 Resp: 178337

Ion Ratio Lower Upper

252 100

253 21.6 17.9 26.9

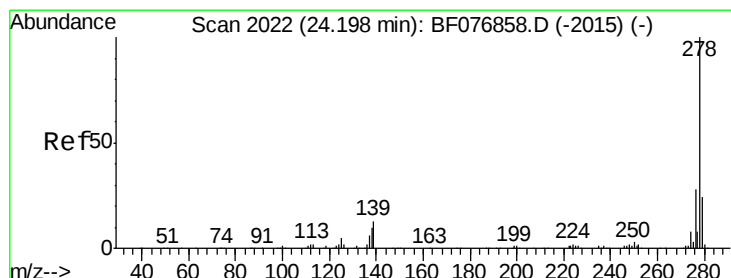
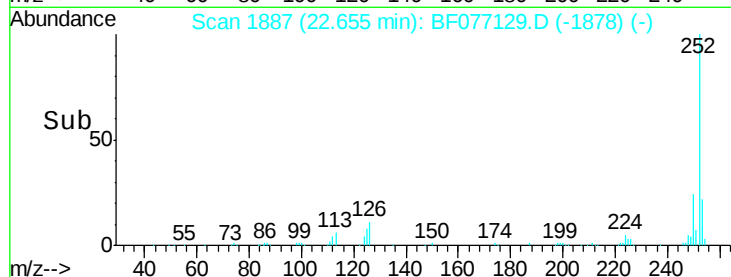
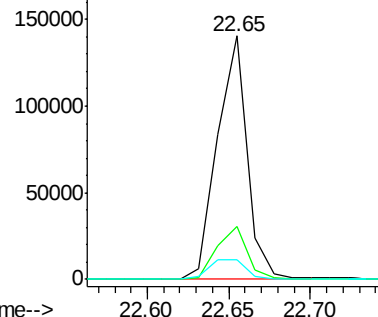
125 8.2 7.2 10.8



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: 29.59 ng

RT: 23.82 min Scan# 1989

Delta R.T. 0.00 min

Lab File: BF077129.D

Acq: 29 Jan 2015 18:12

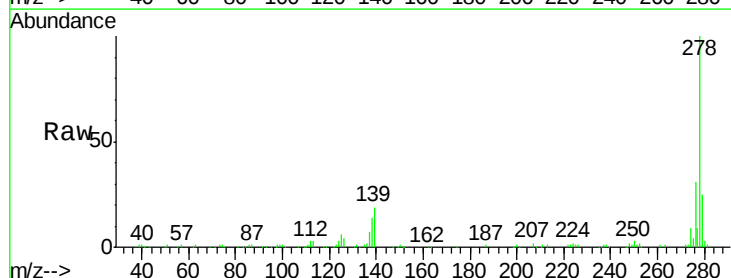
Tgt Ion:278 Resp: 160219

Ion Ratio Lower Upper

278 100

139 19.1 10.5 15.7#

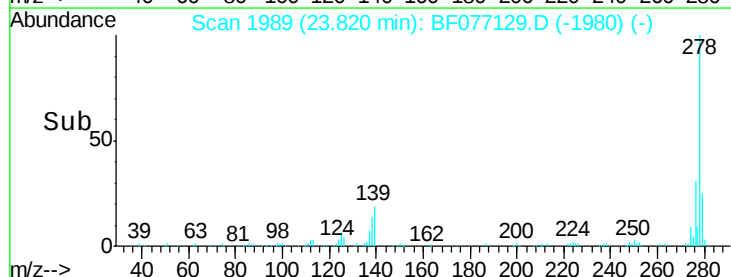
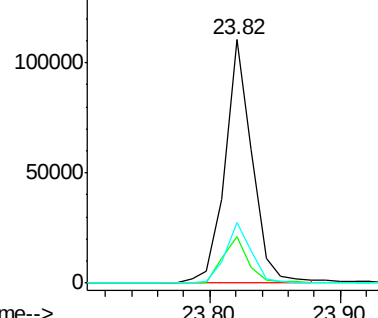
279 24.7 19.3 28.9

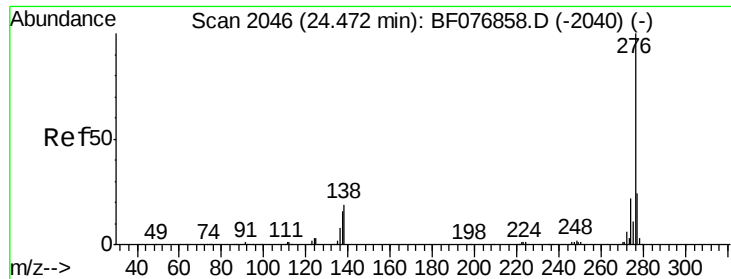


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 30.09 ng
 RT: 24.06 min Scan# 2010
 Delta R.T. 0.00 min
 Lab File: BF077129.D
 Acq: 29 Jan 2015 18:12

Instrument :
 BNA_F
 ClientSampleId :
 PB81560BS

Tgt Ion: 276 Resp: 161950
 Ion Ratio Lower Upper
 276 100
 277 24.5 19.5 29.3
 138 27.0 15.0 22.6#

