

Data Path : Z:\HPCHEM1\BNA F\Data\BF012815\
 Data File : BF077103.D
 Acq On : 28 Jan 2015 15:46
 Operator : TP/IZ
 Sample : G1158-05RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 29 00:26:20 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 29 00:11:13 2015
 Response via : Initial Calibration

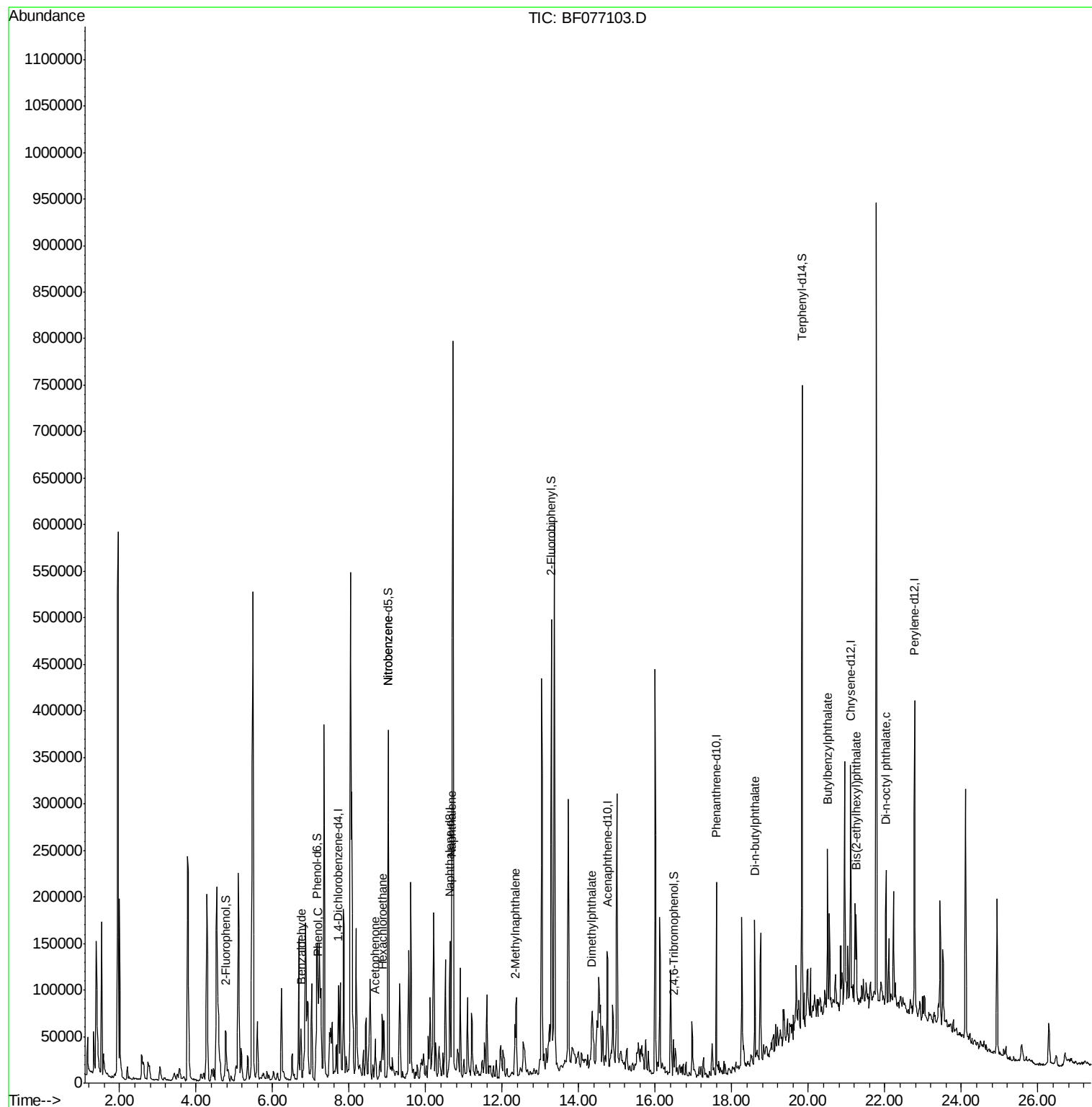
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	25957	20.00	ng	0.00
21) Naphthalene-d8	10.63	136	105455	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	49656	20.00	ng	0.00
63) Phenanthrene-d10	17.59	188	90055	20.00	ng	0.00
75) Chrysene-d12	21.10	240	77943	20.00	ng	0.00
86) Perylene-d12	22.78	264	71531	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.77	112	36543	23.15	ng	0.01
7) Phenol-d6	7.17	99	138386	69.49	ng	0.02
23) Nitrobenzene-d5	9.02	82	133040	69.89	ng	0.00
41) 2,4,6-Tribromophenol	16.48	330	7315	18.15	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	253959	77.83	ng	0.00
78) Terphenyl-d14	19.84	244	246522	72.81	ng	0.00
Target Compounds						
9) Benzaldehyde	6.74	77	5226	3.45	ng	# 1
10) Phenol	7.19	94	5839	2.76	ng	# 26
18) Hexachloroethane	8.86	117	3850	5.04	ng	# 1
22) Acetophenone	8.68	105	21938	8.49	ng	# 55
24) Nitrobenzene	9.02	77	7346	3.79	ng	# 21
31) Naphthalene	10.68	128	75499	13.91	ng	97
37) 2-Methylnaphthalene	12.33	142	22000	5.93	ng	97
49) Dimethylphthalate	14.35	163	9976	2.83	ng	# 96
73) Di-n-butylphthalate	18.60	149	91460	14.88	ng	98
79) Butylbenzylphthalate	20.51	149	43044	17.79	ng	97
83) Bis(2-ethylhexyl)phthalate	21.25	149	38885	11.62	ng	# 98
84) Di-n-octyl phthalate	22.03	149	84934	14.62	ng	# 84

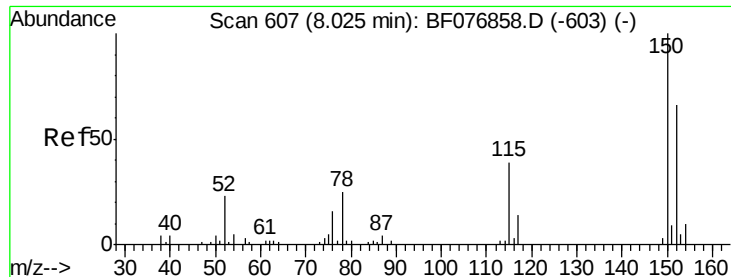
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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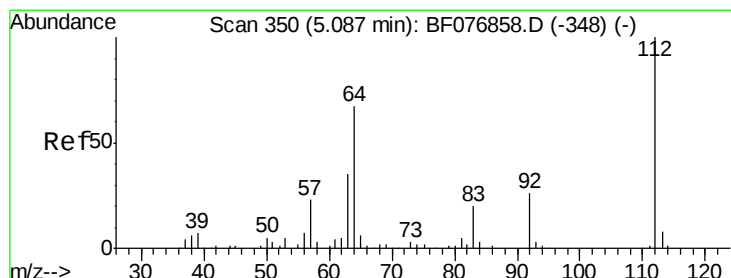
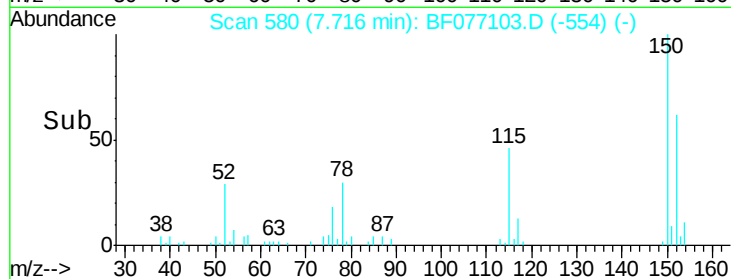
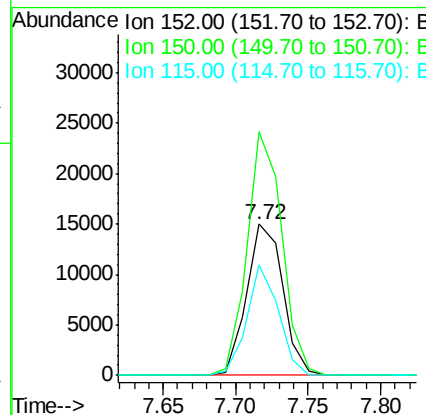
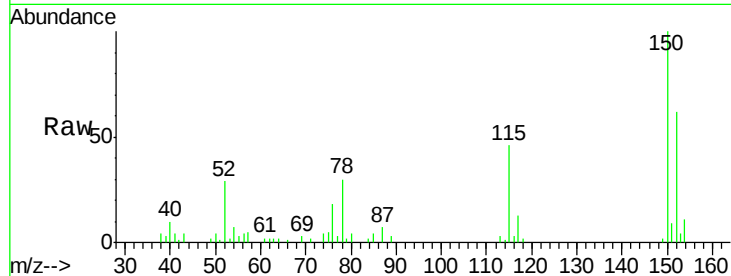


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF077103.D
Acq: 28 Jan 2015 15:46

Instrument :
BNA_F
ClientSampleId :

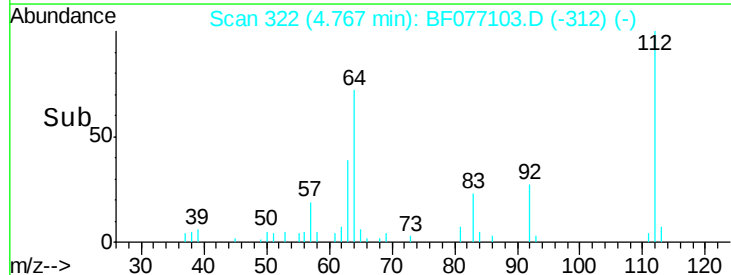
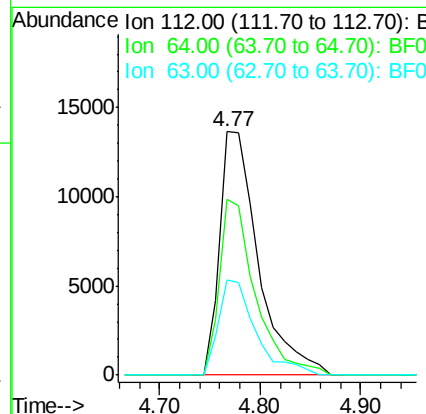
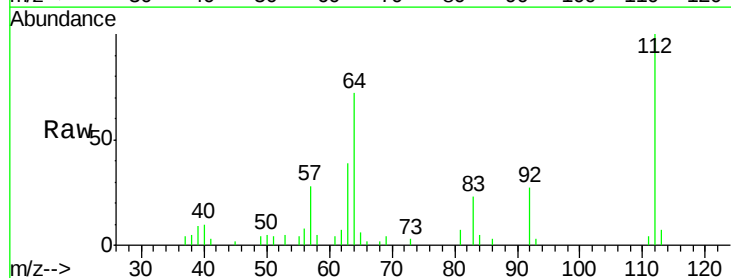
Tot Ion:152 Resp: 25957
Ion Ratio Lower Upper
152 100
150 161.0 121.7 182.5
115 73.4 47.0 70.6#

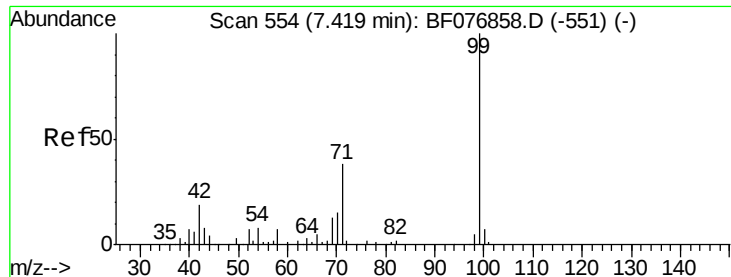


#5

2-Fluorophenol
Concen: 23.15 ng
RT: 4.77 min Scan# 322
Delta R.T. 0.01 min
Lab File: BF077103.D
Acq: 28 Jan 2015 15:46

Tgt Ion:112 Resp: 36543
Ion Ratio Lower Upper
112 100
64 72.2 54.2 81.4
63 39.1 28.4 42.6





#7

Phenol-d6

Concen: 69.49 ng

RT: 7.17 min Scan# 532

Delta R.T. 0.02 min

Lab File: BF077103.D

Acq: 28 Jan 2015 15:46

Instrument :

BNA_F

ClientSampleId :

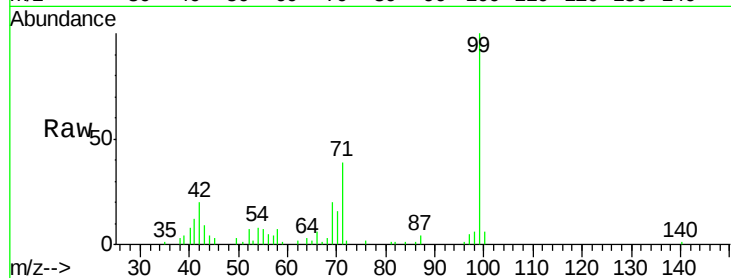
Tot Ion: 99 Resp: 138386

Ion Ratio Lower Upper

99 100

42 19.7 15.0 22.4

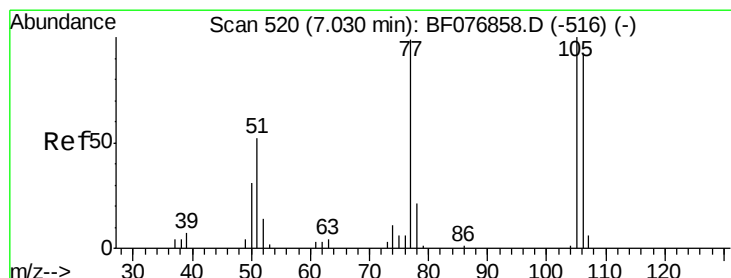
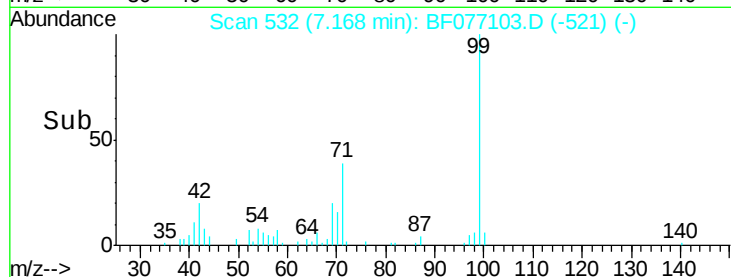
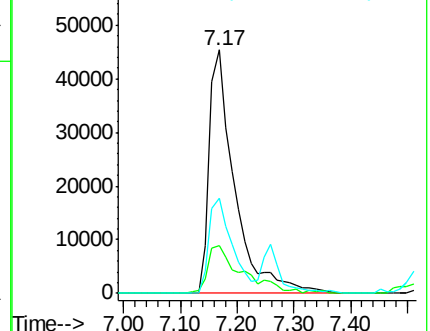
71 38.9 30.5 45.7



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



#9

Benzaldehyde

Concen: 3.45 ng

RT: 6.74 min Scan# 495

Delta R.T. 0.02 min

Lab File: BF077103.D

Acq: 28 Jan 2015 15:46

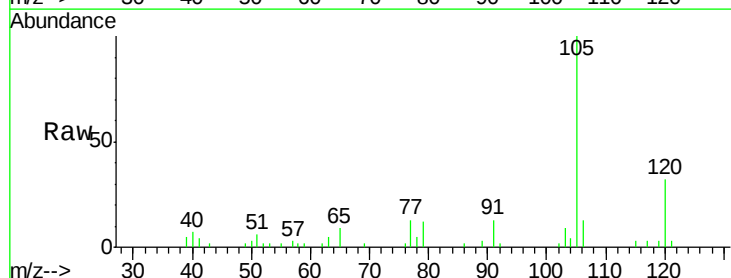
Tgt Ion: 77 Resp: 5226

Ion Ratio Lower Upper

77 100

105 763.6 81.4 121.4#

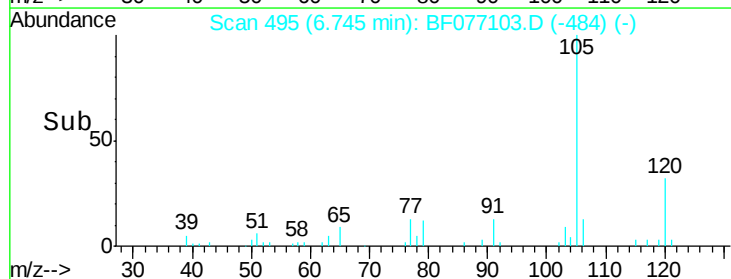
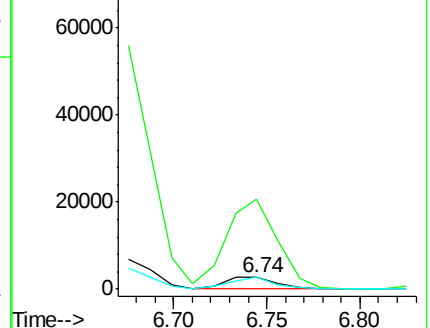
106 96.8 72.8 112.8

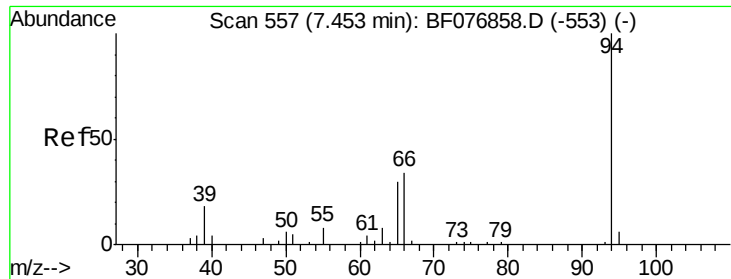


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

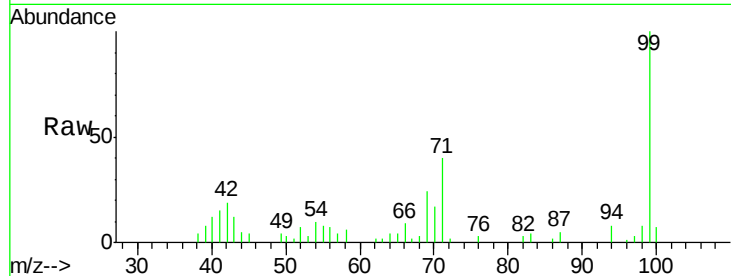




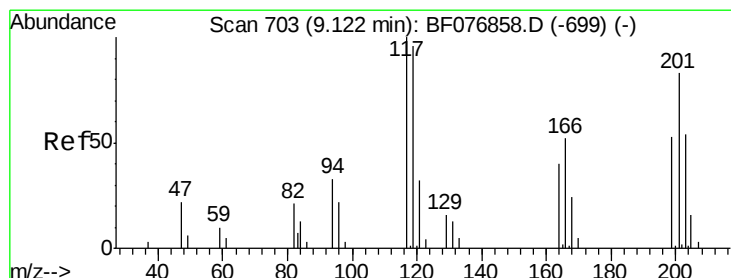
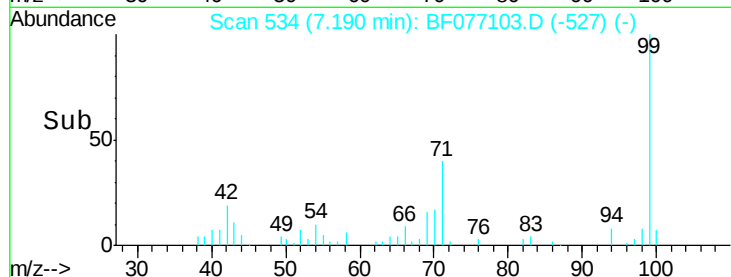
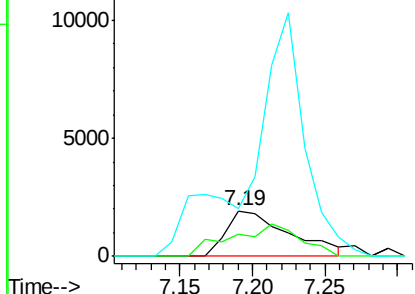
#10
Phenol
Concen: 2.76 ng
RT: 7.19 min Scan# 534
Delta R.T. -0.02 min
Lab File: BF077103.D
Acq: 28 Jan 2015 15:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 94 Resp: 5839
Ion Ratio Lower Upper
94 100
65 47.9 11.3 51.3
66 106.4 19.5 59.5#

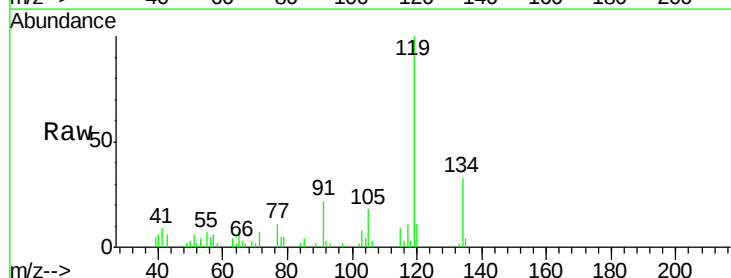


Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

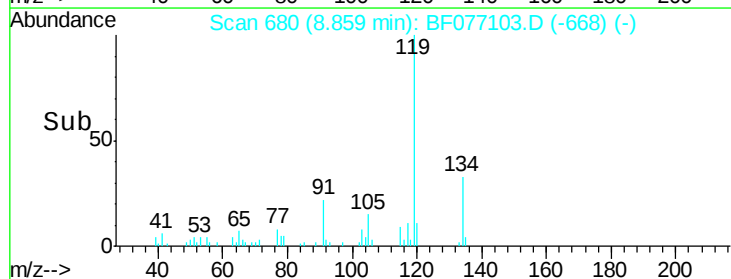
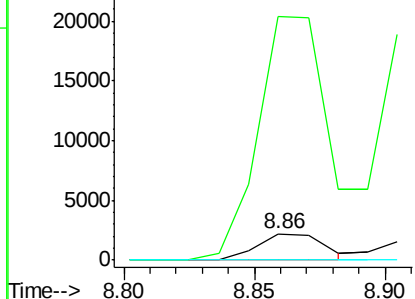


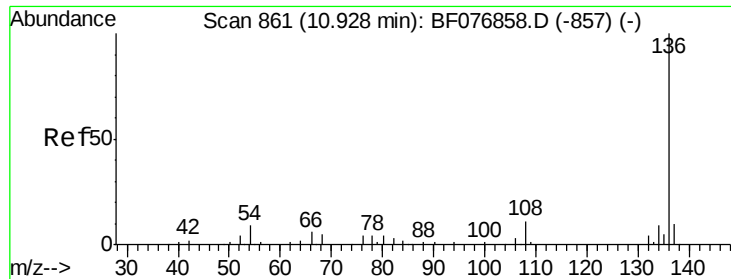
#18
Hexachloroethane
Concen: 5.04 ng
RT: 8.86 min Scan# 680
Delta R.T. 0.03 min
Lab File: BF077103.D
Acq: 28 Jan 2015 15:46

Tgt Ion: 117 Resp: 3850
Ion Ratio Lower Upper
117 100
119 917.0 77.1 115.7#
201 0.0 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

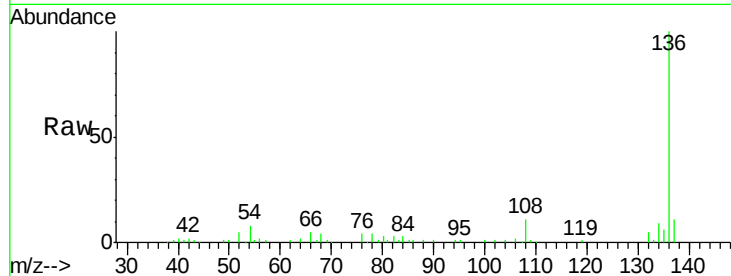




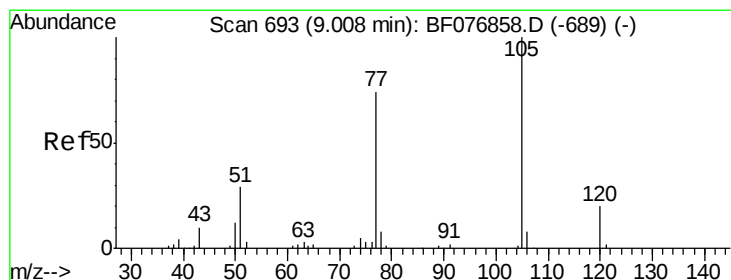
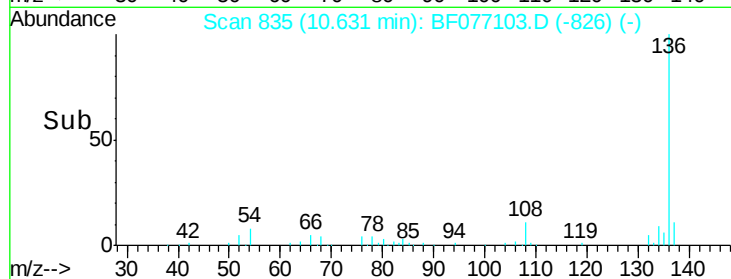
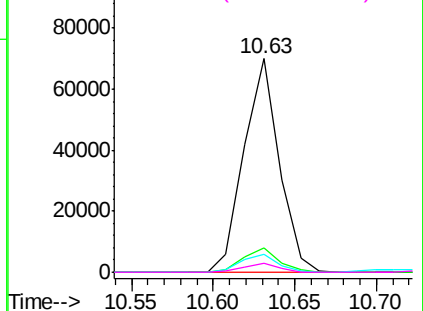
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.63 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF077103.D
Acq: 28 Jan 2015 15:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	105455
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.1 12.1
54	8.3	7.0 10.4
68	4.0	3.7 5.5

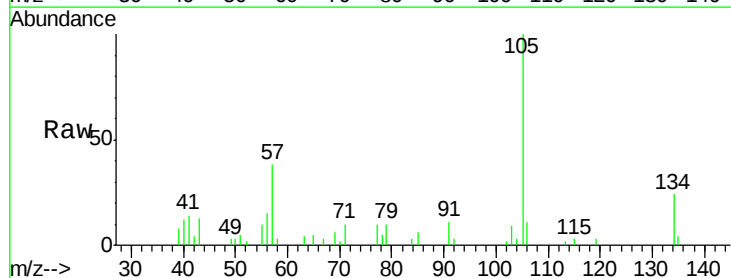


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

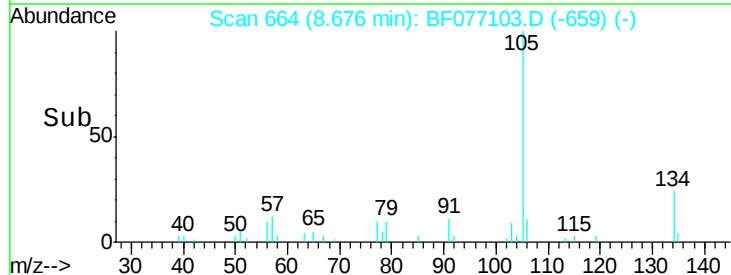
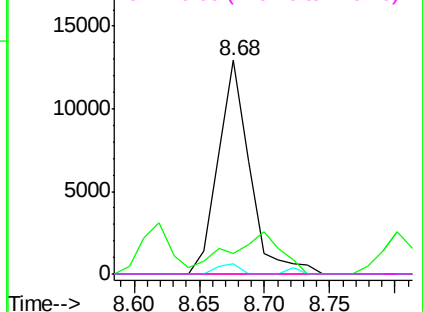


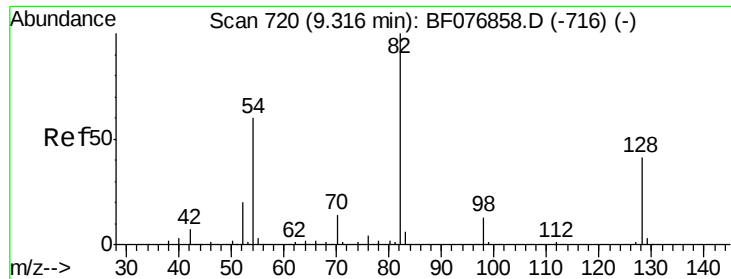
#22
Acetophenone
Concen: 8.49 ng
RT: 8.68 min Scan# 664
Delta R.T. -0.05 min
Lab File: BF077103.D
Acq: 28 Jan 2015 15:46

Tgt Ion:105	Resp:	21938
Ion Ratio	Lower	Upper
105	100	
71	9.7	0.0 0.0#
51	4.9	23.3 34.9#
120	0.0	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

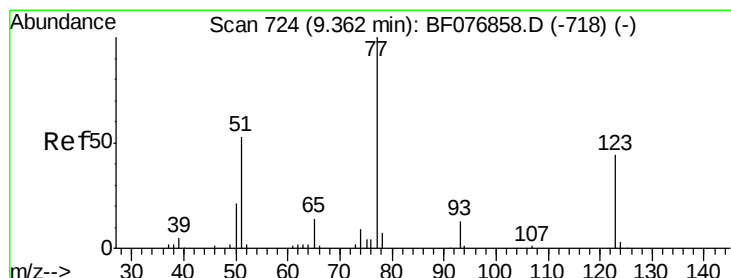
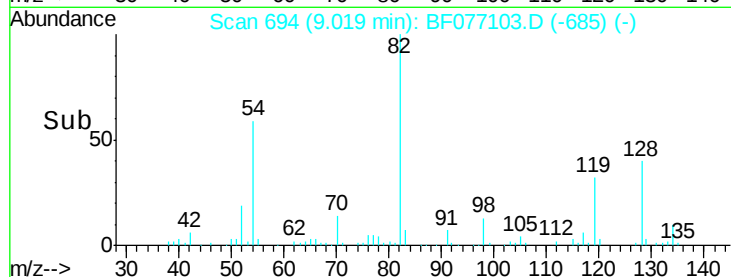
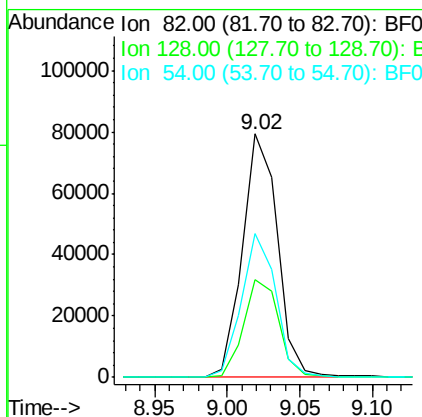
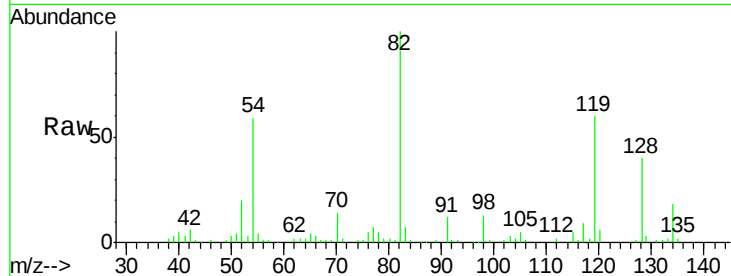




#23
 Nitrobenzene-d5
 Concen: 69.89 ng
 RT: 9.02 min Scan# 694
 Delta R.T. -0.00 min
 Lab File: BF077103.D
 Acq: 28 Jan 2015 15:46

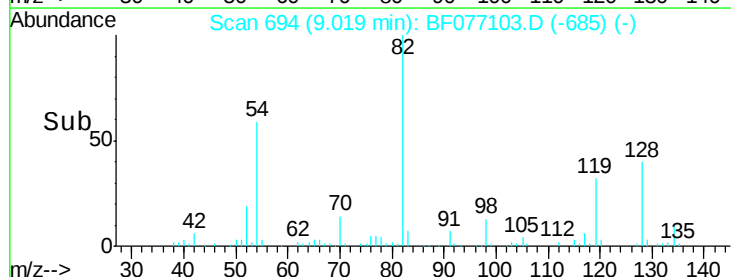
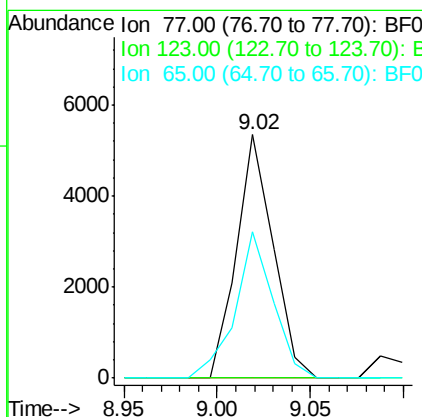
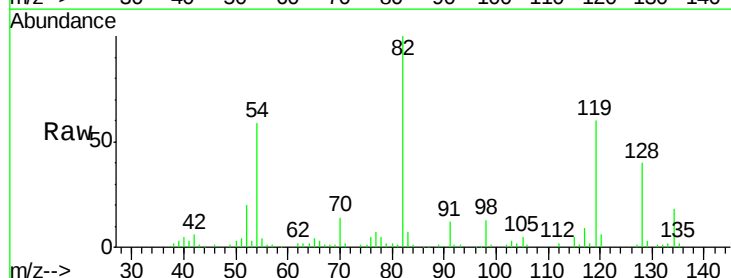
Instrument :
 BNA_F
 ClientSampled :

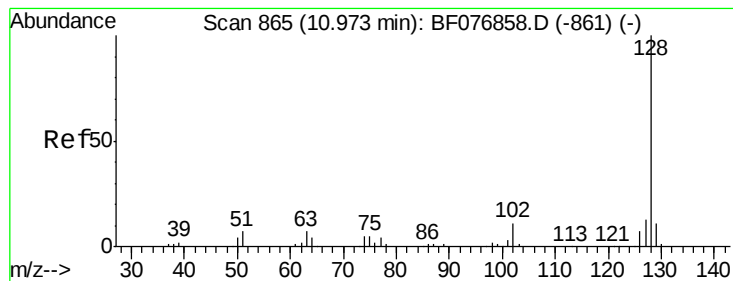
Tot Ion: 82 Resp: 133040
 Ion Ratio Lower Upper
 82 100
 128 39.9 33.1 49.7
 54 59.1 48.3 72.5



#24
 Nitrobenzene
 Concen: 3.79 ng
 RT: 9.02 min Scan# 694
 Delta R.T. -0.00 min
 Lab File: BF077103.D
 Acq: 28 Jan 2015 15:46

Tgt Ion: 77 Resp: 7346
 Ion Ratio Lower Upper
 77 100
 123 0.0 35.2 52.8#
 65 60.3 11.4 17.2#





#31

Naphthalene

Concen: 13.91 ng

RT: 10.68 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF077103.D

Acq: 28 Jan 2015 15:46

Instrument :

BNA_F

ClientSampleId :

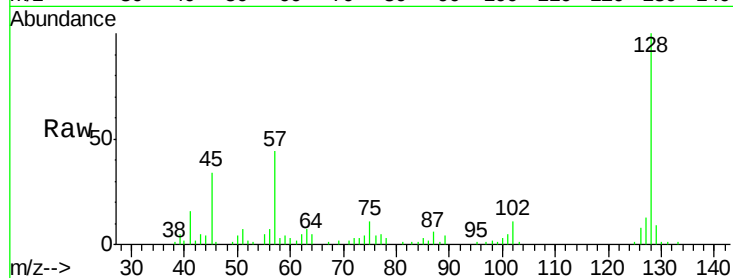
Tot Ion:128 Resp: 75499

Ion Ratio Lower Upper

128 100

129 9.5 9.0 13.6

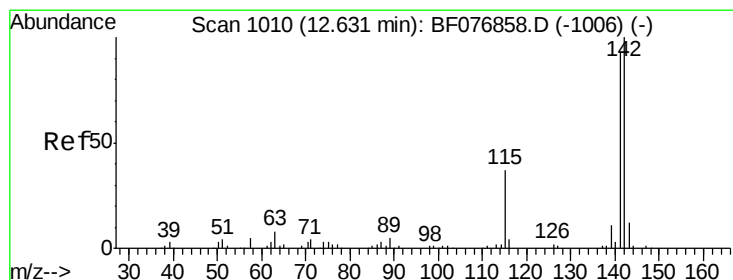
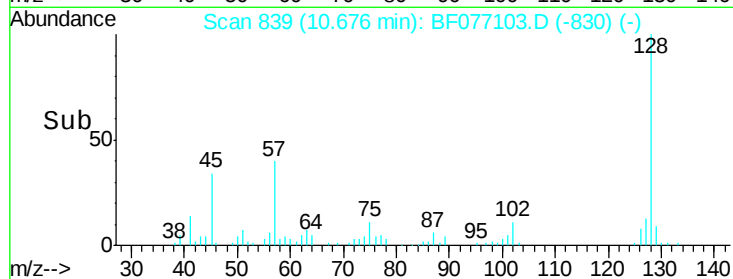
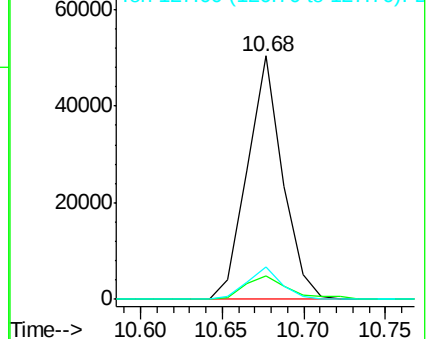
127 13.4 10.2 15.2



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



#37

2-Methylnaphthalene

Concen: 5.93 ng

RT: 12.33 min Scan# 984

Delta R.T. -0.00 min

Lab File: BF077103.D

Acq: 28 Jan 2015 15:46

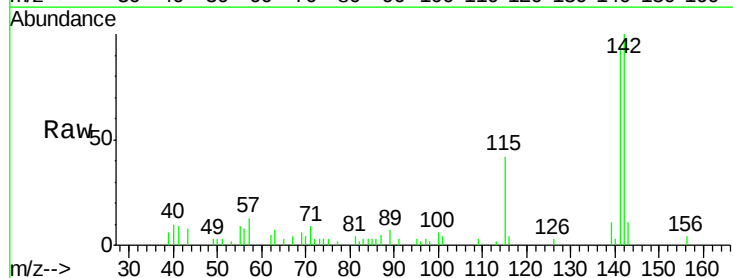
Tgt Ion:142 Resp: 22000

Ion Ratio Lower Upper

142 100

141 94.4 74.5 111.7

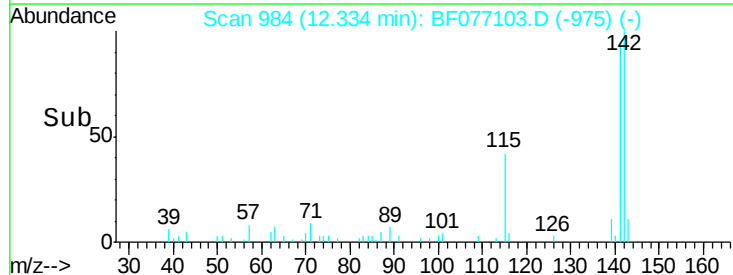
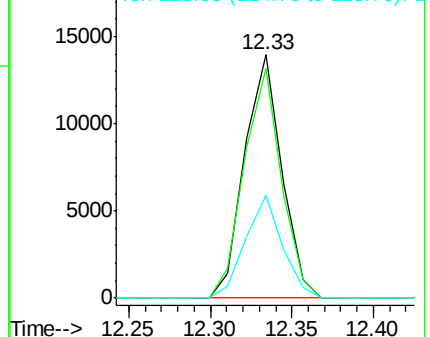
115 42.0 29.7 44.5

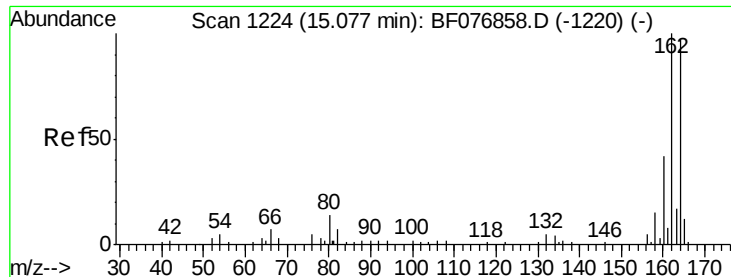


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.75 min Scan# 1195

Delta R.T. -0.00 min

Lab File: BF077103.D

Acq: 28 Jan 2015 15:46

Instrument :

BNA_F

ClientSampleId :

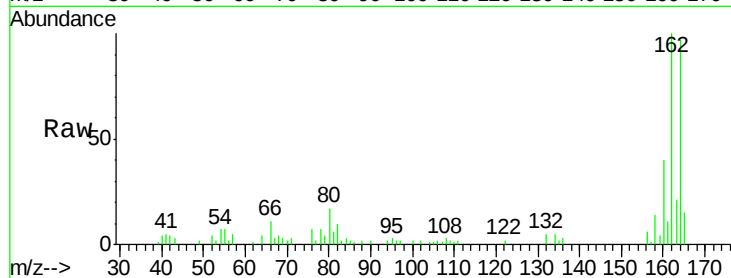
Tot Ion:164 Resp: 49656

Ion Ratio Lower Upper

164 100

162 103.0 82.4 123.6

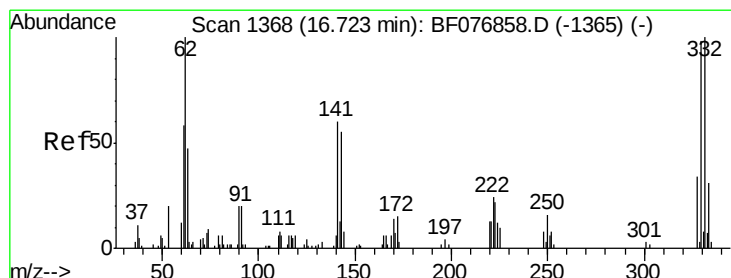
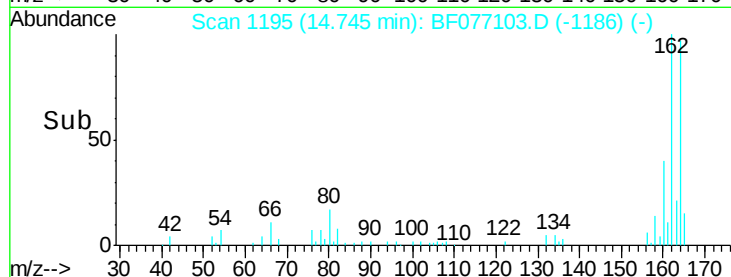
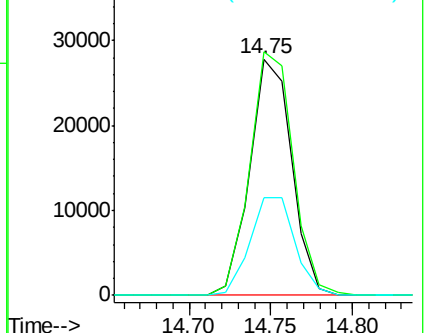
160 41.4 34.8 52.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 18.15 ng

RT: 16.48 min Scan# 1347

Delta R.T. -0.00 min

Lab File: BF077103.D

Acq: 28 Jan 2015 15:46

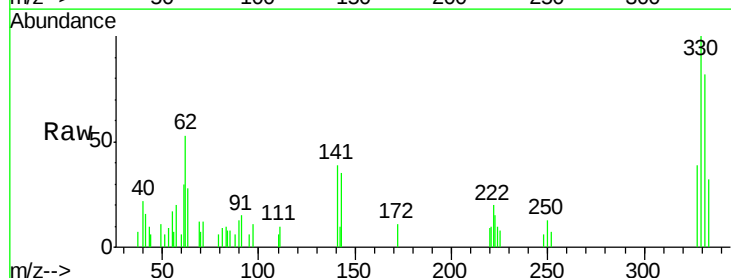
Tgt Ion:330 Resp: 7315

Ion Ratio Lower Upper

330 100

332 91.9 77.8 116.6

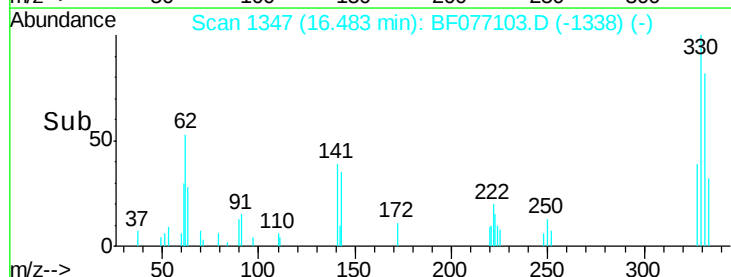
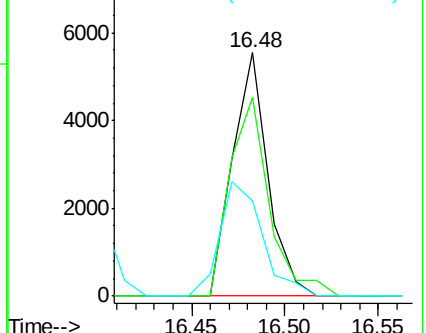
141 56.8 38.5 57.7

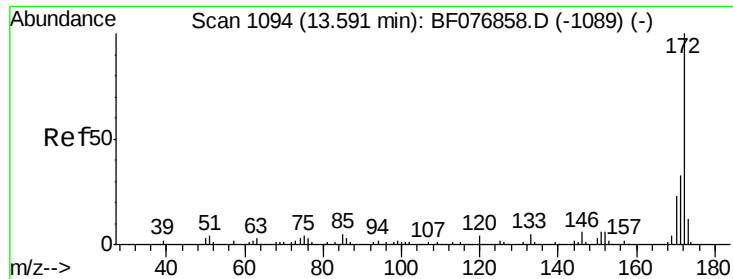


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

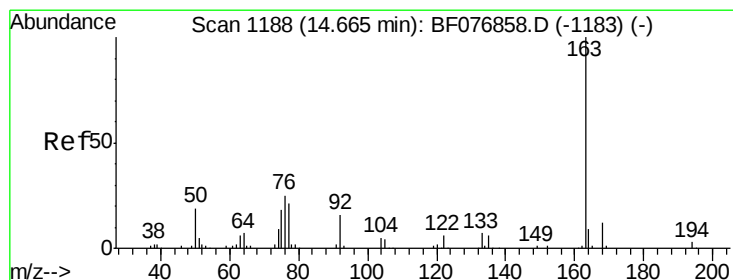
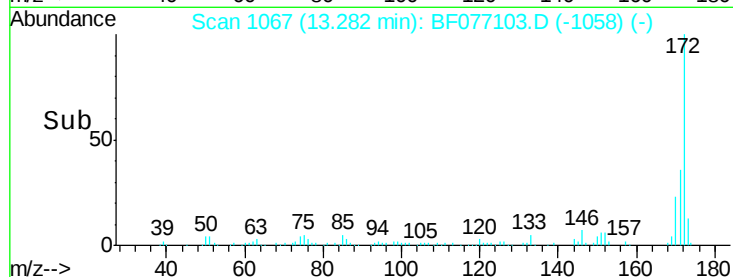
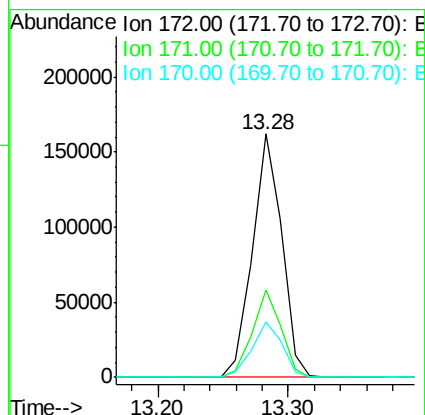
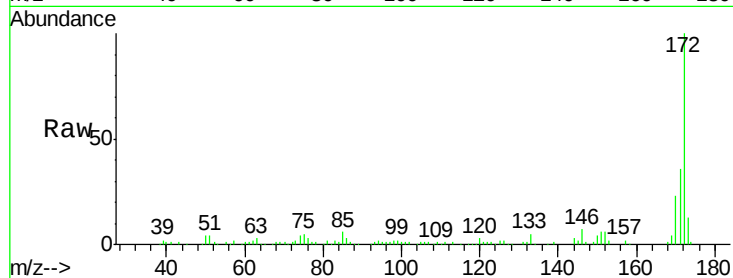




#44
2-Fluorobiphenyl
Concen: 77.83 ng
RT: 13.28 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BF077103.D
Acq: 28 Jan 2015 15:46

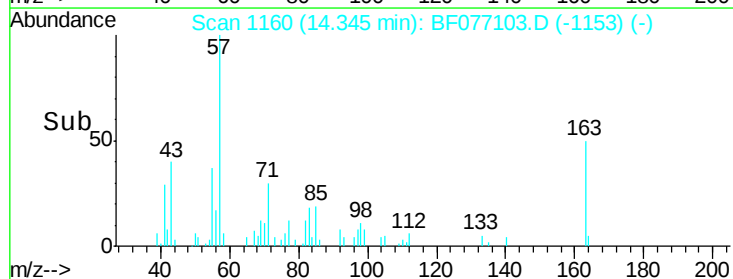
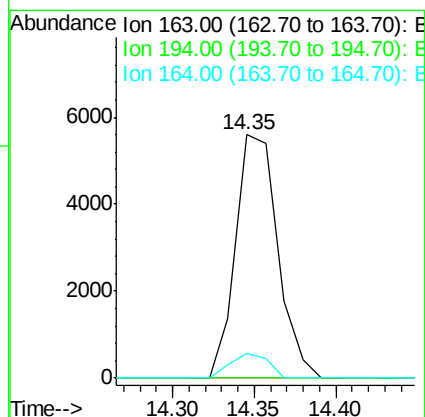
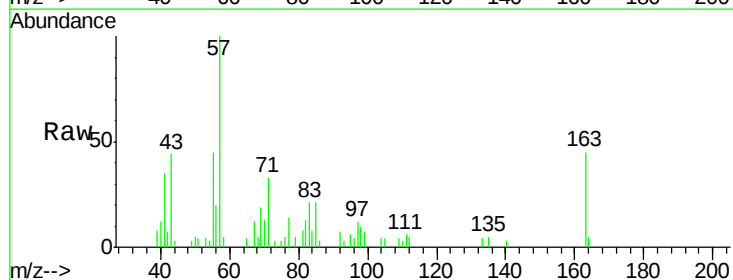
Instrument :
BNA_F
ClientSampleId :

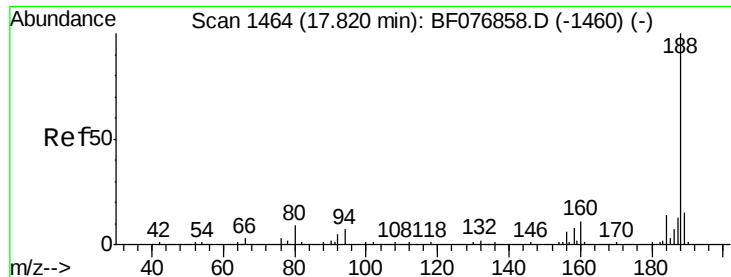
Tot Ion:172 Resp: 253959
Ion Ratio Lower Upper
172 100
171 35.9 26.6 40.0
170 22.8 18.0 27.0



#49
Dimethylphthalate
Concen: 2.83 ng
RT: 14.35 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BF077103.D
Acq: 28 Jan 2015 15:46

Tgt Ion:163 Resp: 9976
Ion Ratio Lower Upper
163 100
194 0.0 2.6 4.0#
164 10.3 7.5 11.3

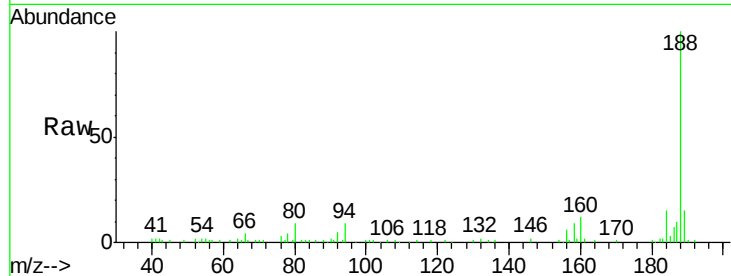




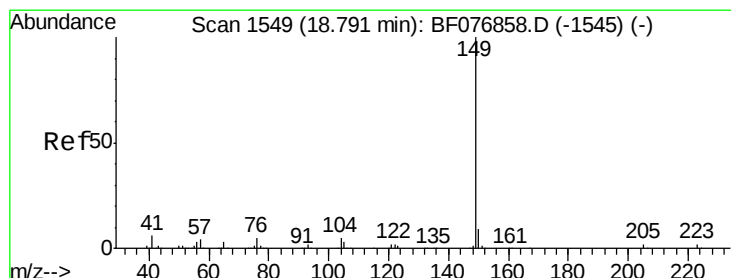
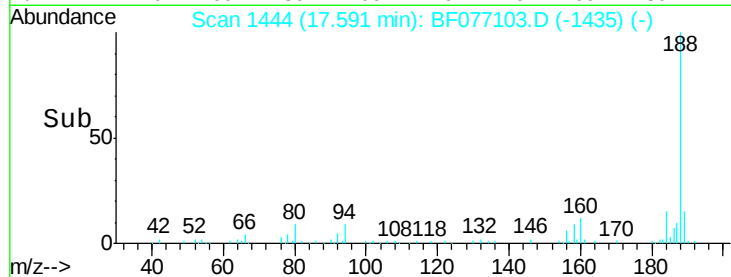
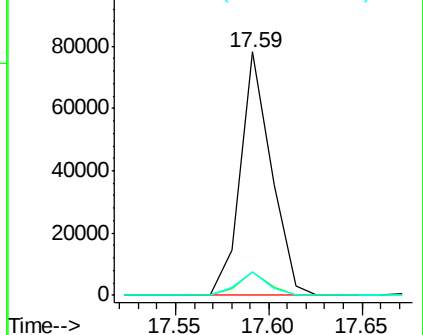
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.59 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BF077103.D
 Acq: 28 Jan 2015 15:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 90055
 Ion Ratio Lower Upper
 188 100
 94 9.5 6.0 9.0#
 80 9.4 6.9 10.3

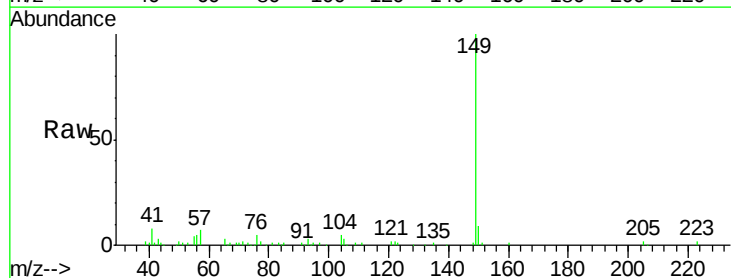


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

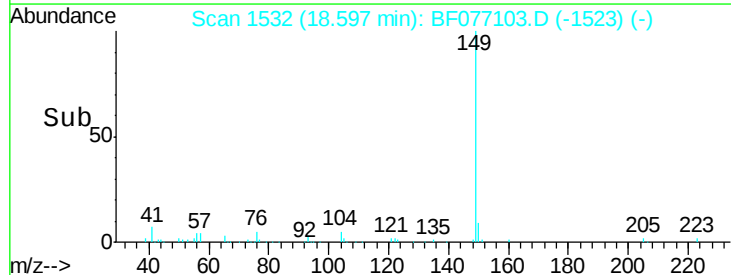
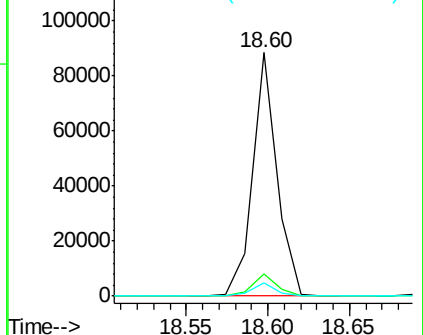


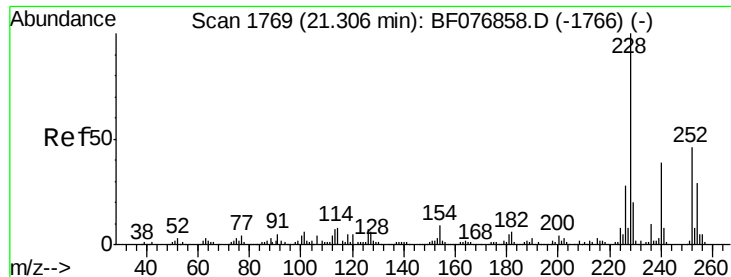
#73
 Di-n-butylphthalate
 Concen: 14.88 ng
 RT: 18.60 min Scan# 1532
 Delta R.T. -0.00 min
 Lab File: BF077103.D
 Acq: 28 Jan 2015 15:46

Tgt Ion:149 Resp: 91460
 Ion Ratio Lower Upper
 149 100
 150 9.3 6.9 10.3
 104 5.4 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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.10 min Scan# 1751

Delta R.T. -0.00 min

Lab File: BF077103.D

Acq: 28 Jan 2015 15:46

Instrument :

BNA_F

ClientSampleId :

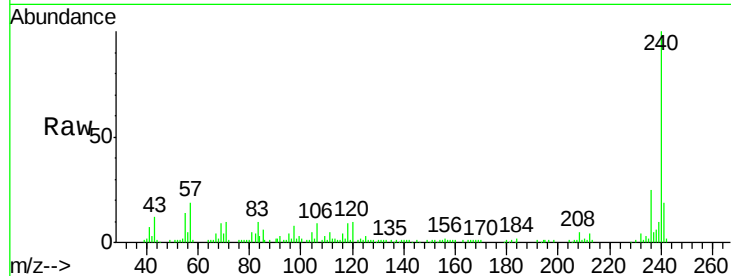
Tot Ion:240 Resp: 77943

Ion Ratio Lower Upper

240 100

120 10.2 10.4 15.6#

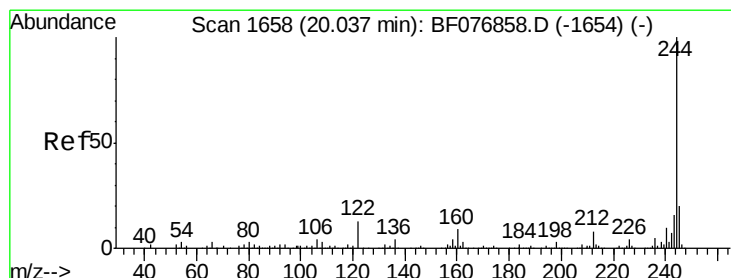
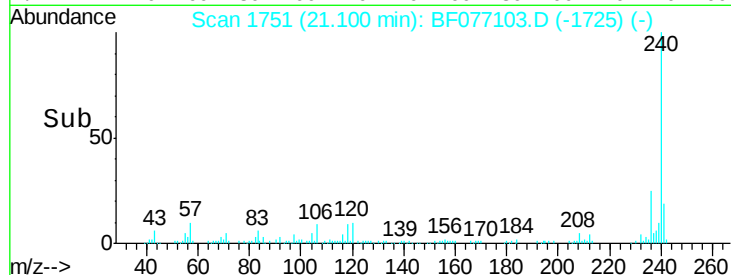
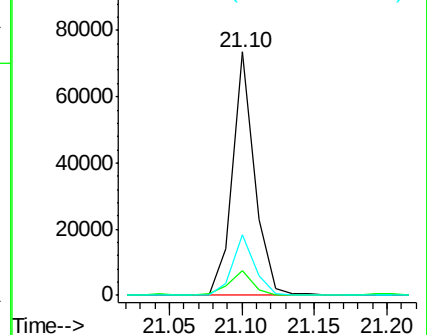
236 25.0 20.2 30.2



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



#78

Terphenyl-d14

Concen: 72.81 ng

RT: 19.84 min Scan# 1641

Delta R.T. -0.00 min

Lab File: BF077103.D

Acq: 28 Jan 2015 15:46

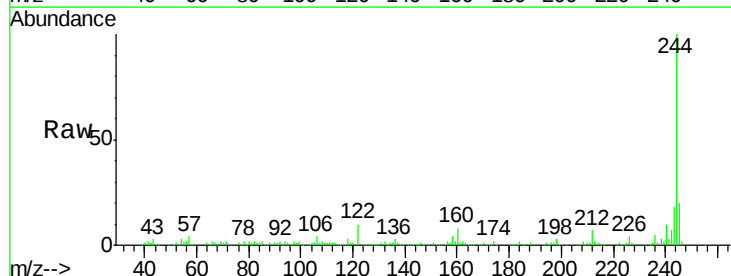
Tgt Ion:244 Resp: 246522

Ion Ratio Lower Upper

244 100

212 7.5 6.3 9.5

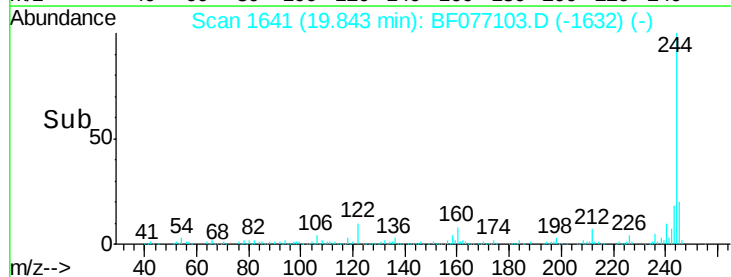
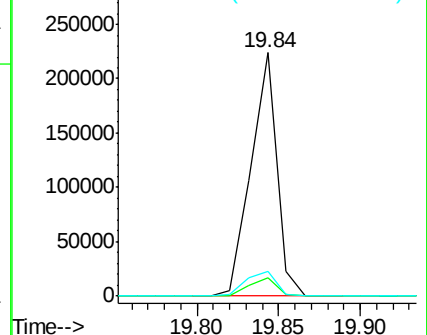
122 10.1 10.1 15.1#

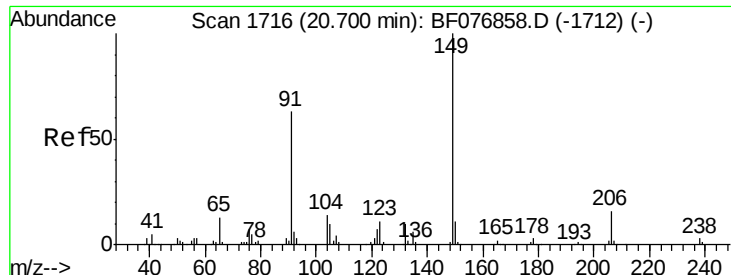


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

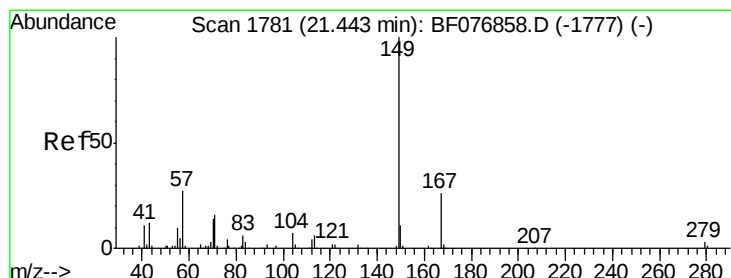
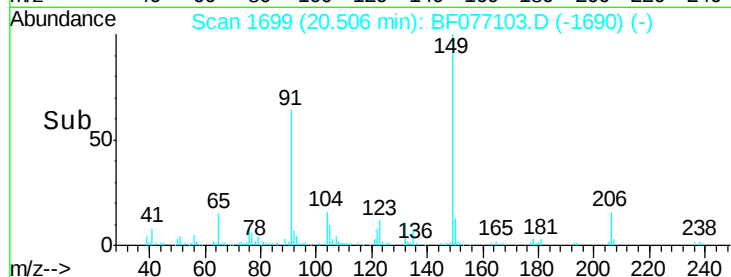
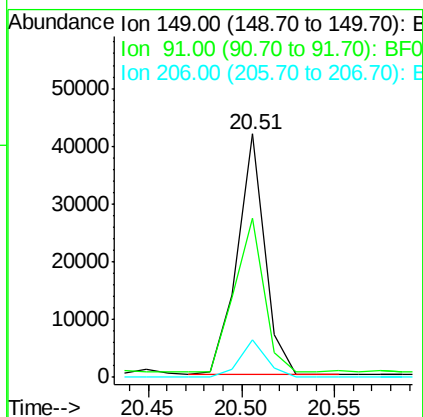
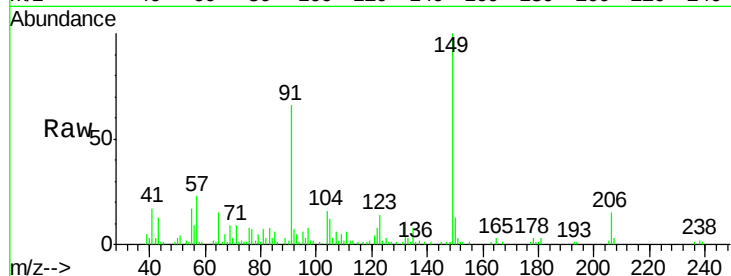




#79
Butylbenzylphthalate
Concen: 17.79 ng
RT: 20.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: BF077103.D
Acq: 28 Jan 2015 15:46

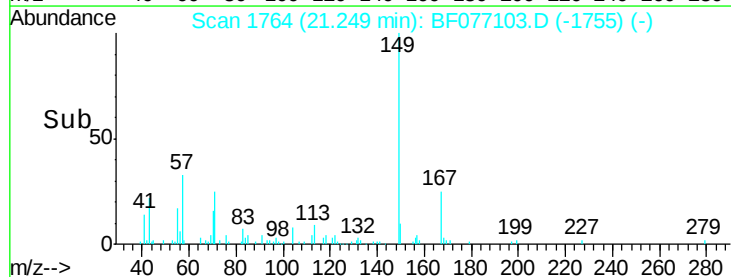
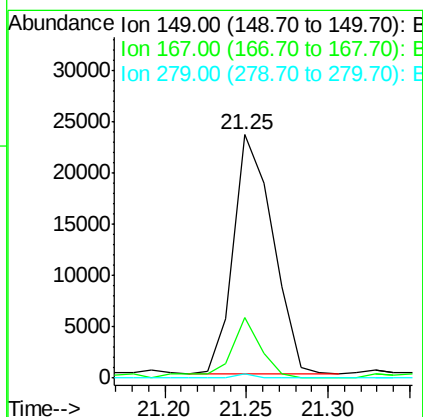
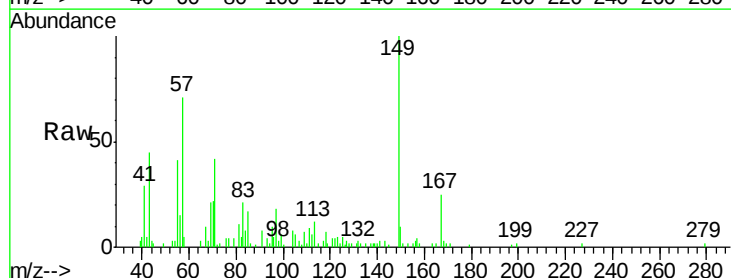
Instrument :
BNA_F
ClientSampled :

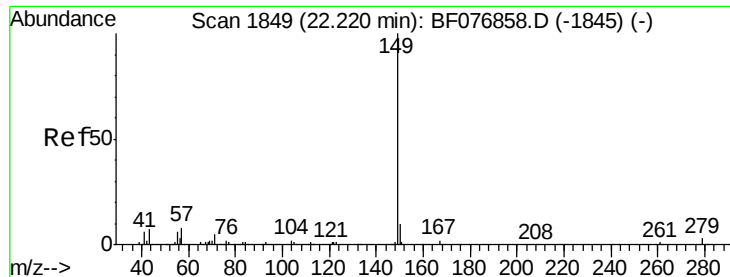
Tot Ion:149 Resp: 43044
Ion Ratio Lower Upper
149 100
91 65.6 50.6 76.0
206 15.4 12.8 19.2



#83
Bis(2-ethylhexyl)phthalate
Concen: 11.62 ng
RT: 21.25 min Scan# 1764
Delta R.T. -0.00 min
Lab File: BF077103.D
Acq: 28 Jan 2015 15:46

Tgt Ion:149 Resp: 38885
Ion Ratio Lower Upper
149 100
167 24.9 20.6 30.8
279 1.7 2.2 3.2#

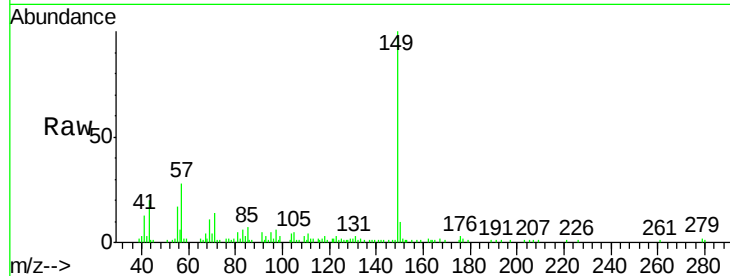




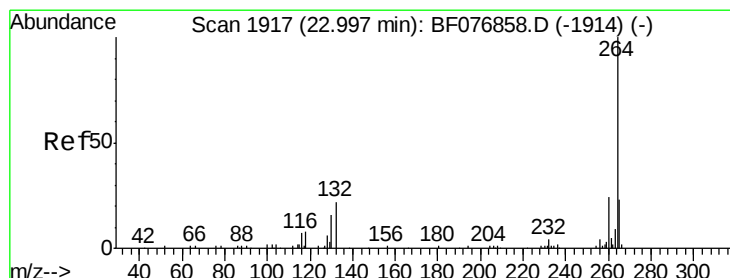
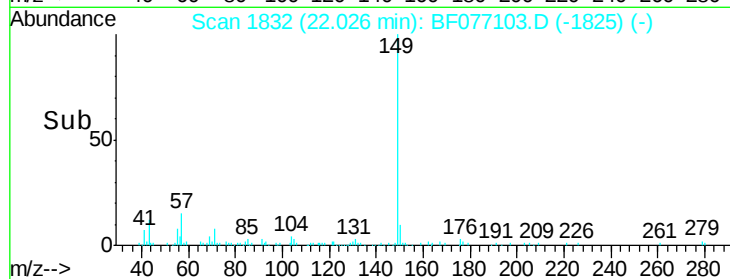
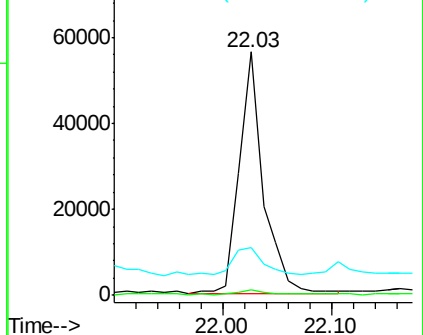
#84
Di-n-octyl phthalate
Concen: 14.62 ng
RT: 22.03 min Scan# 1832
Delta R.T. -0.02 min
Lab File: BF077103.D
Acq: 28 Jan 2015 15:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 84934
Ion Ratio Lower Upper
149 100
167 3.3 1.1 1.7#
43 14.6 6.6 10.0#

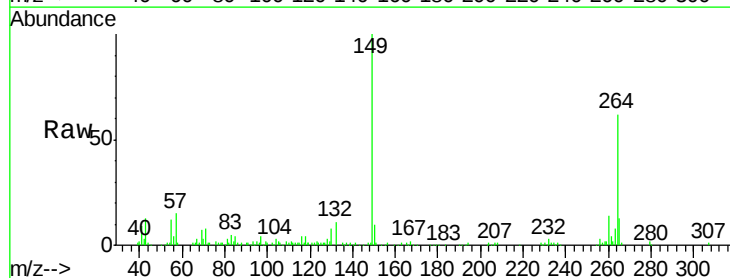


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0



#86
Perylene-d12
Concen: 20.00 ng
RT: 22.78 min Scan# 1898
Delta R.T. 0.03 min
Lab File: BF077103.D
Acq: 28 Jan 2015 15:46

Tgt Ion:264 Resp: 71531
Ion Ratio Lower Upper
264 100
260 22.5 19.0 28.4
265 20.7 18.1 27.1



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

