

Data Path : Z:\HPCHEM1\BNA F\Data\BF020415\
 Data File : BF077176.D
 Acq On : 4 Feb 2015 12:44
 Operator : TP/IZ
 Sample : G1199-01DL 10X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 05 00:11:21 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 04 23:51:20 2015
 Response via : Initial Calibration

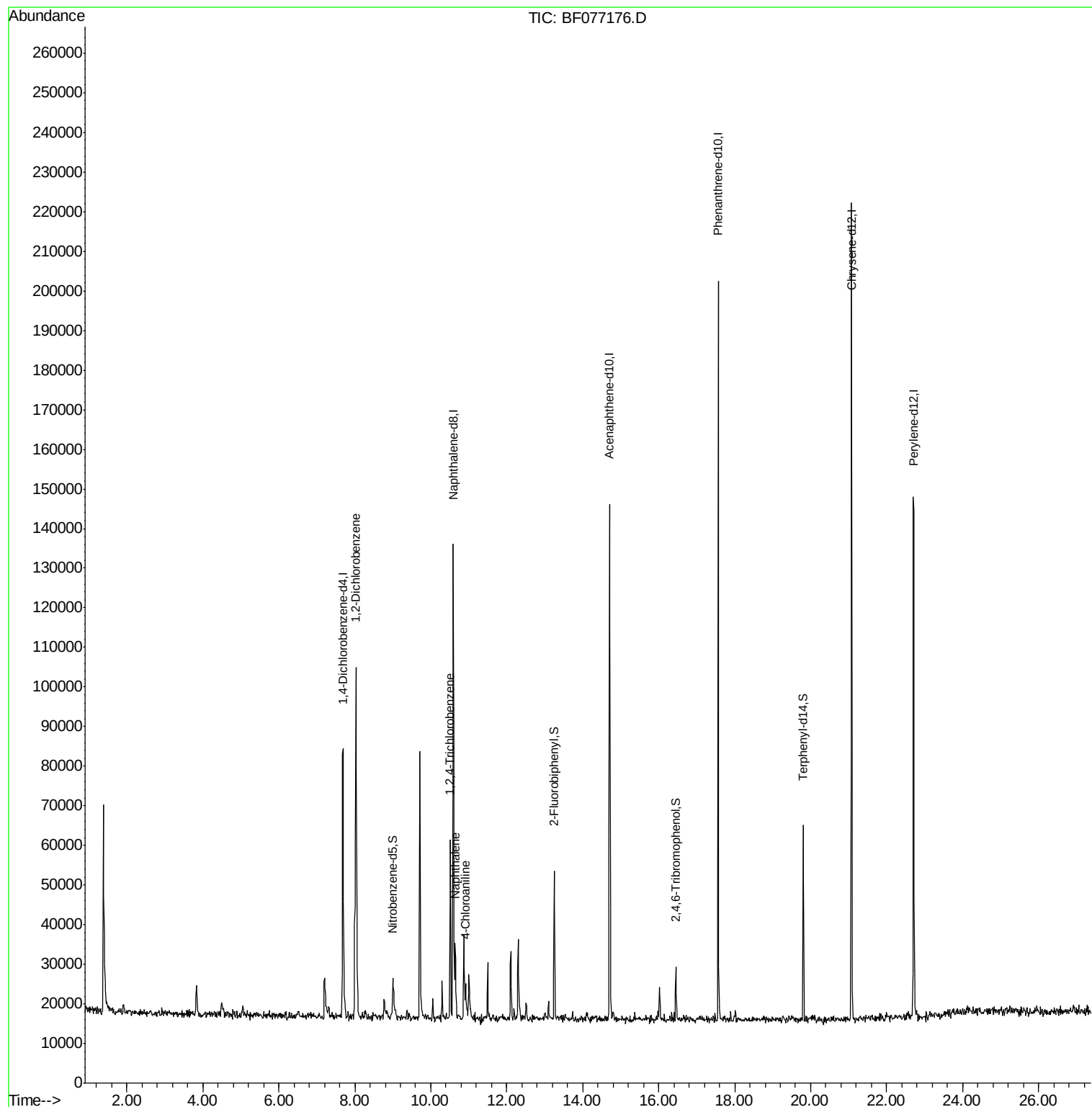
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	22686	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	98533	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	53175	20.00	ng	-0.01
63) Phenanthrene-d10	17.56	188	92303	20.00	ng	0.00
75) Chrysene-d12	21.07	240	92715	20.00	ng	0.00
86) Perylene-d12	22.72	264	86231	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.80	112	852	0.62	ng	0.10
7) Phenol-d6	7.18	99	2119	1.22	ng	0.09
23) Nitrobenzene-d5	9.00	82	8787	4.94	ng	0.01
41) 2,4,6-Tribromophenol	16.45	330	3404	7.89	ng	0.00
44) 2-Fluorobiphenyl	13.24	172	26119	7.47	ng	-0.01
78) Terphenyl-d14	19.80	244	26200	6.51	ng	-0.01
Target Compounds						Qvalue
14) 1,2-Dichlorobenzene	8.03	146	40669	23.00	ng	99
30) 1,2,4-Trichlorobenzene	10.51	180	16994	11.72	ng	95
31) Naphthalene	10.64	128	19082	3.76	ng	98
33) 4-Chloroaniline	10.92	127	4693	2.29	ng	94

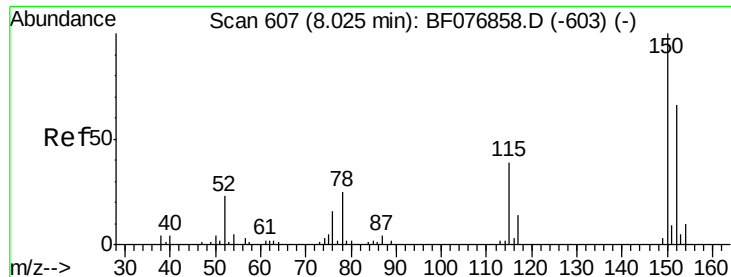
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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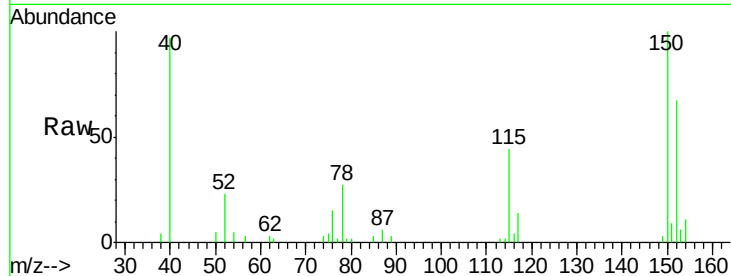


#1

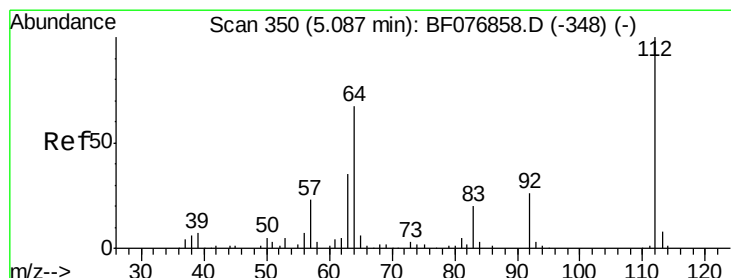
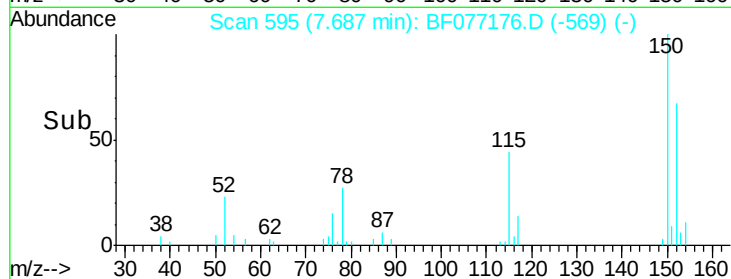
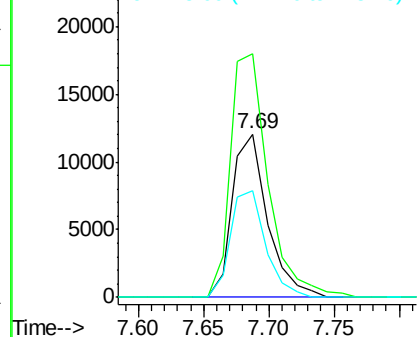
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF077176.D
Acq: 4 Feb 2015 12:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 22686
Ion Ratio Lower Upper
152 100
150 149.1 121.7 182.5
115 65.2 47.0 70.6



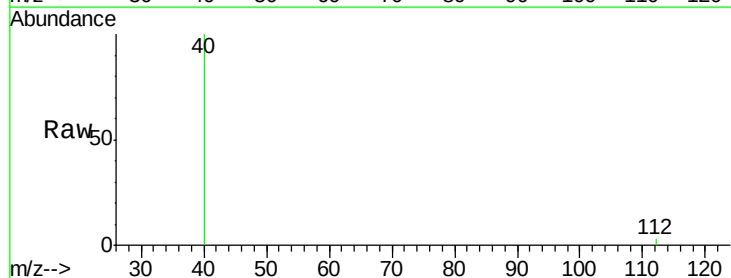
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



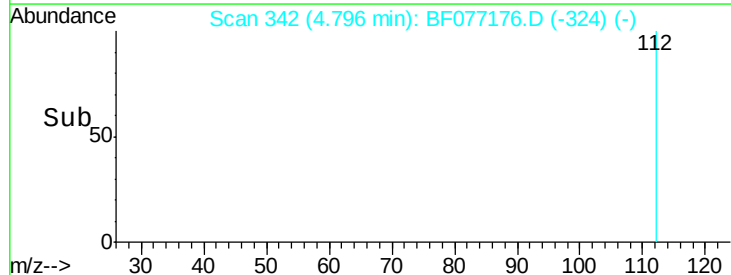
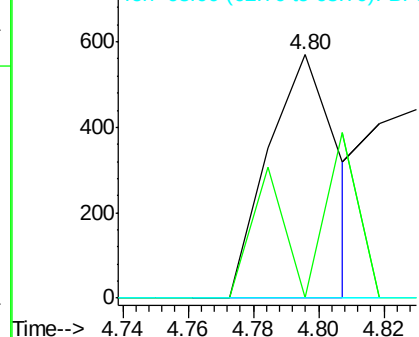
#5

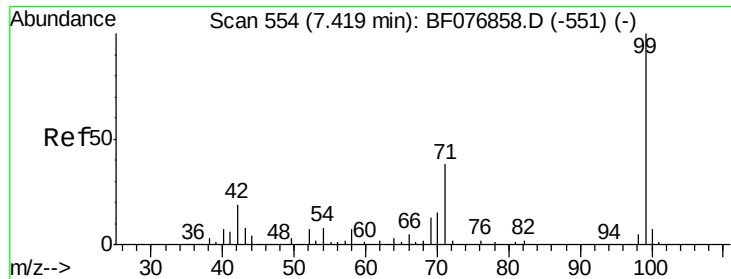
2-Fluorophenol
Concen: 0.62 ng
RT: 4.80 min Scan# 342
Delta R.T. 0.10 min
Lab File: BF077176.D
Acq: 4 Feb 2015 12:44

Tgt Ion:112 Resp: 852
Ion Ratio Lower Upper
112 100
64 0.0 54.2 81.4#
63 0.0 28.4 42.6#



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





#7

Phenol-d6

Concen: 1.22 ng

RT: 7.18 min Scan# 551

Delta R.T. 0.09 min

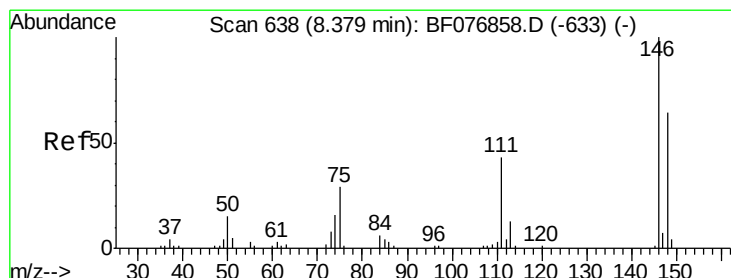
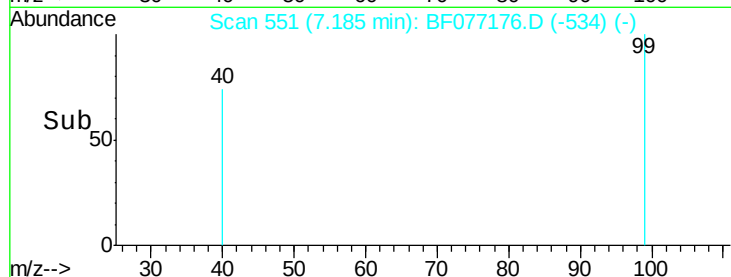
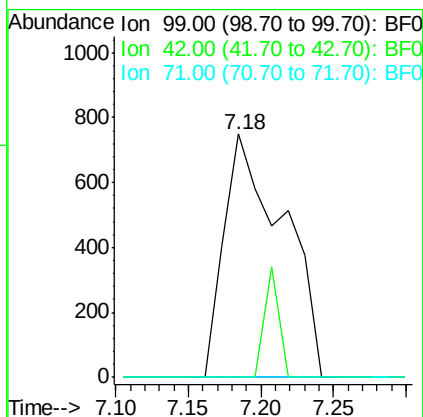
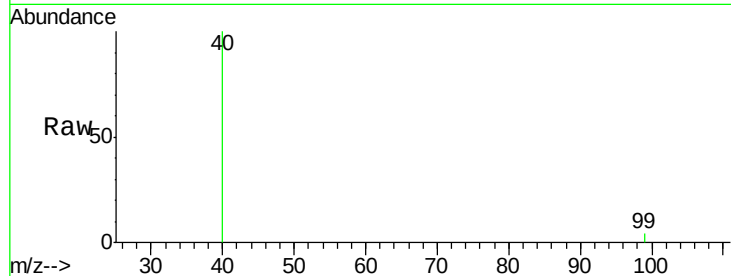
Lab File: BF077176.D

Acq: 4 Feb 2015 12:44

Instrument :
BNA_F
ClientSampled :

Tot Ion: 99 Resp: 2119

Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.0	22.4#
71	0.0	30.5	45.7#



#14

1,2-Dichlorobenzene

Concen: 23.00 ng

RT: 8.03 min Scan# 625

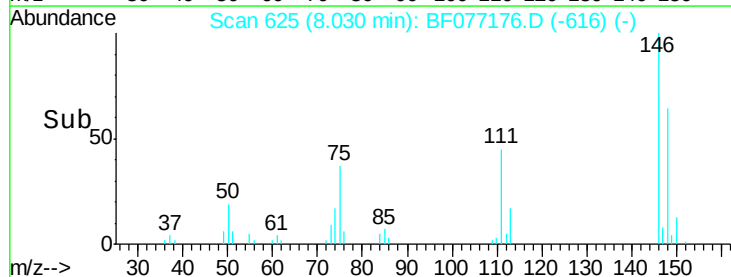
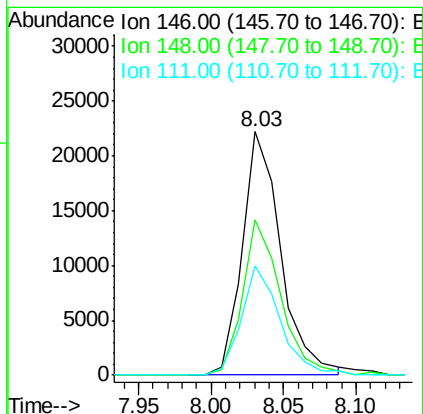
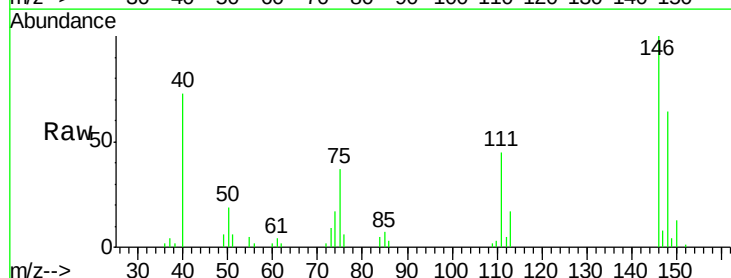
Delta R.T. 0.00 min

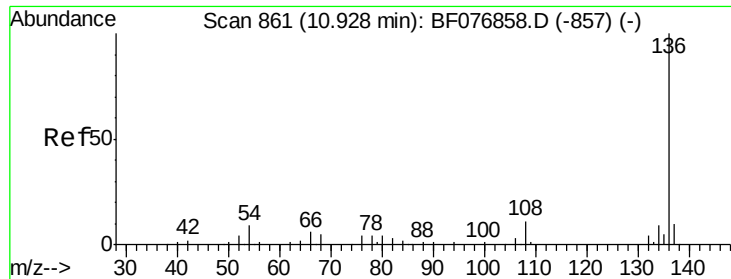
Lab File: BF077176.D

Acq: 4 Feb 2015 12:44

Tgt Ion: 146 Resp: 40669

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.3	76.9
111	44.9	34.5	51.7

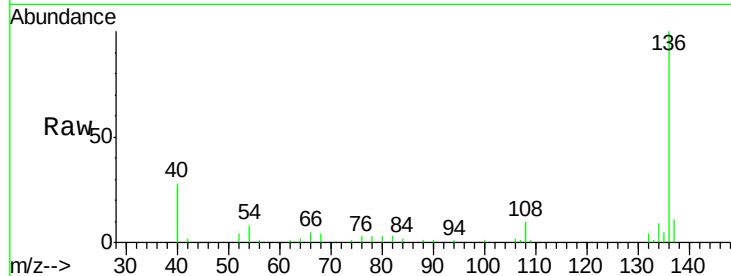




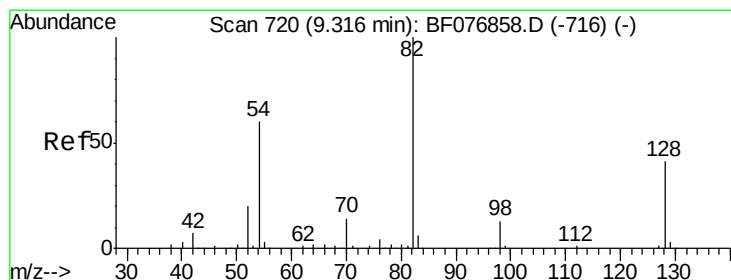
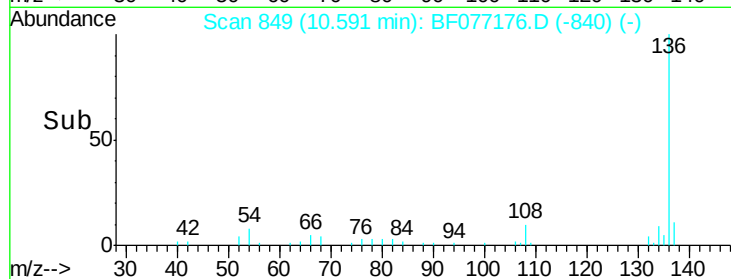
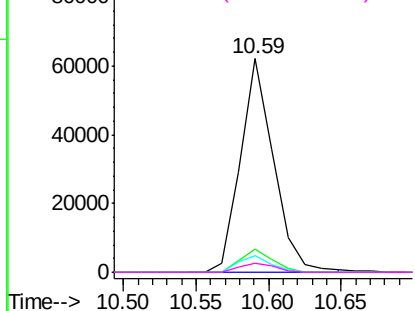
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.59 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF077176.D
Acq: 4 Feb 2015 12:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	98533
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.1 12.1
54	7.8	7.0 10.4
68	4.4	3.7 5.5

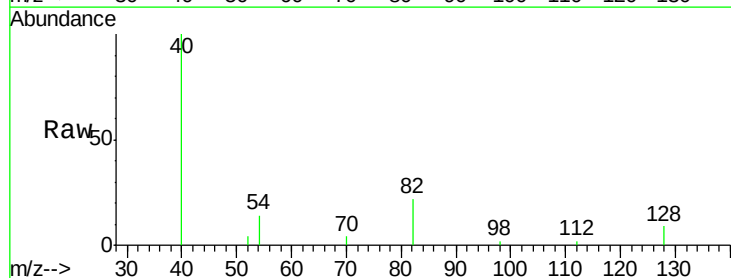


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

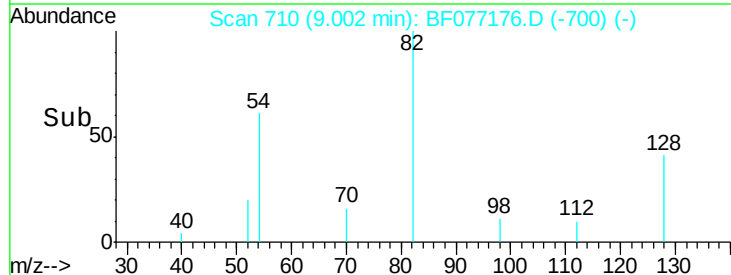
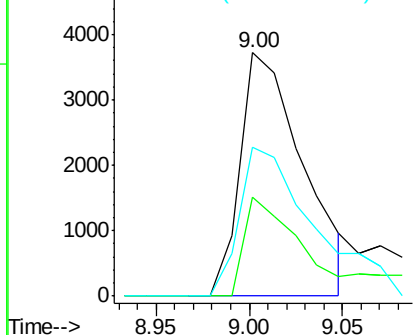


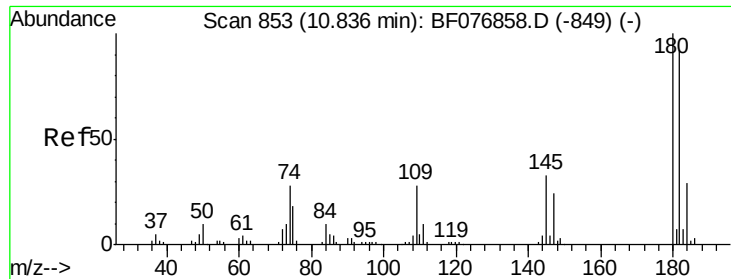
#23
Nitrobenzene-d5
Concen: 4.94 ng
RT: 9.00 min Scan# 710
Delta R.T. 0.01 min
Lab File: BF077176.D
Acq: 4 Feb 2015 12:44

Tgt Ion: 82	Resp:	8787
Ion Ratio	Lower	Upper
82	100	
128	40.8	33.1 49.7
54	61.4	48.3 72.5



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

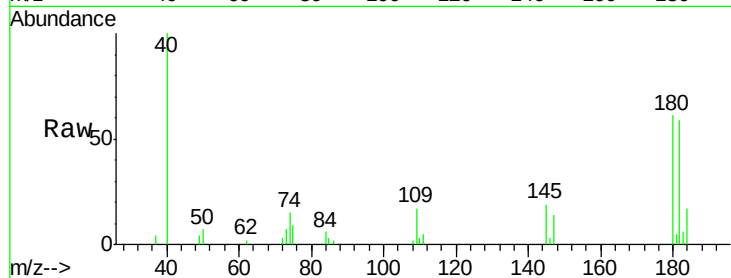




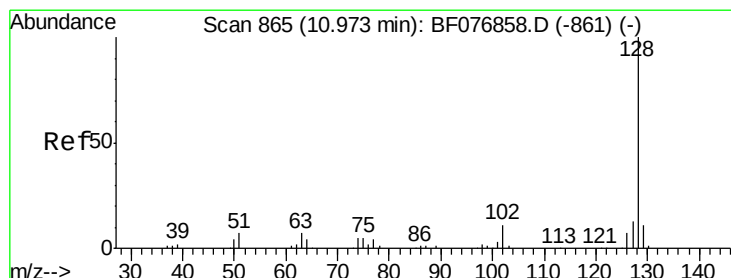
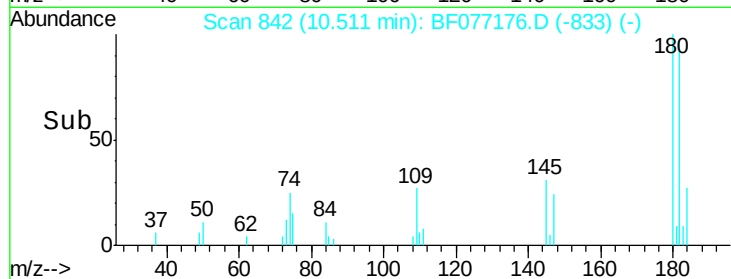
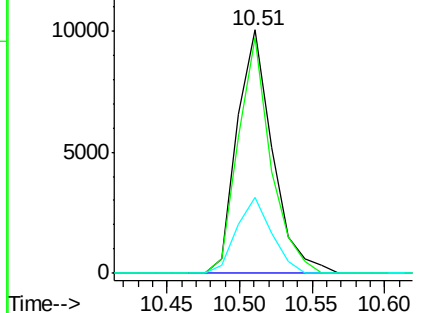
#30
 1,2,4-Trichlorobenzene
 Concen: 11.72 ng
 RT: 10.51 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BF077176.D
 Acq: 4 Feb 2015 12:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:180 Resp: 16994
 Ion Ratio Lower Upper
 180 100
 182 96.9 73.6 110.4
 145 31.1 26.6 39.8

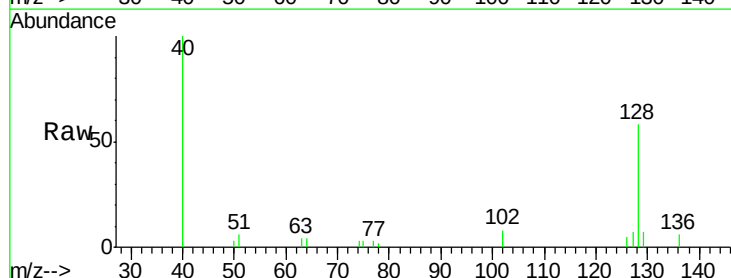


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

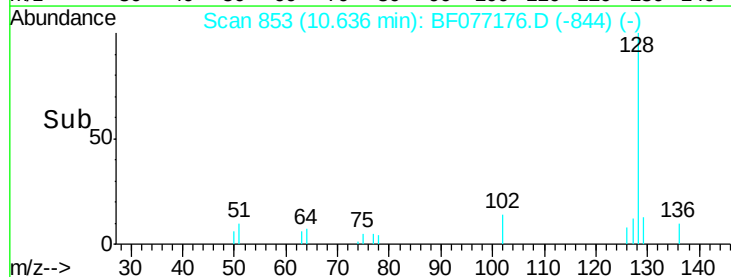
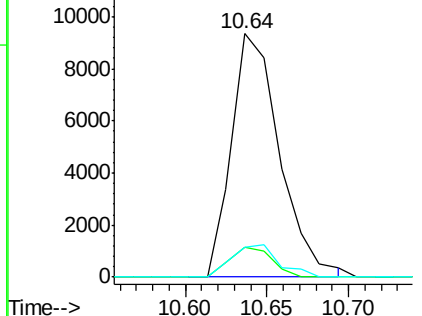


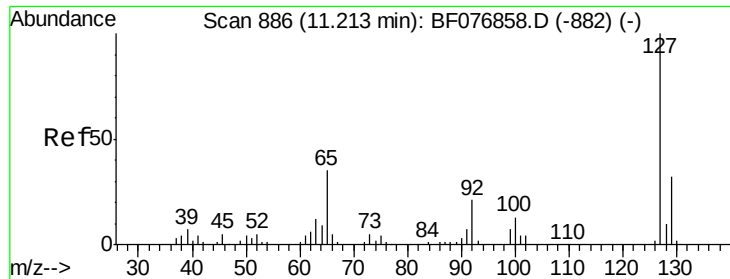
#31
 Naphthalene
 Concen: 3.76 ng
 RT: 10.64 min Scan# 853
 Delta R.T. 0.00 min
 Lab File: BF077176.D
 Acq: 4 Feb 2015 12:44

Tgt Ion:128 Resp: 19082
 Ion Ratio Lower Upper
 128 100
 129 12.5 9.0 13.6
 127 12.3 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

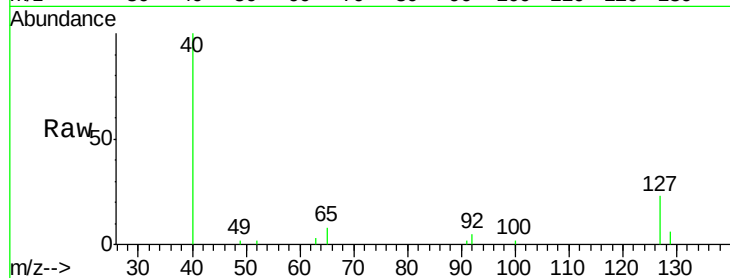




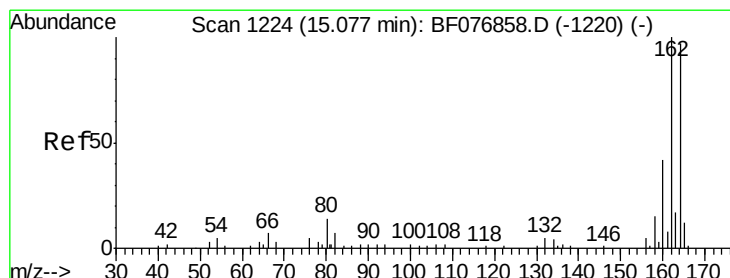
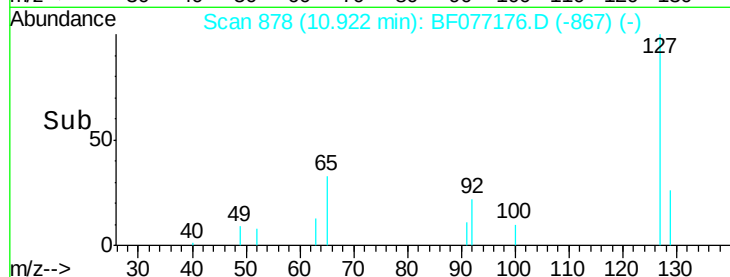
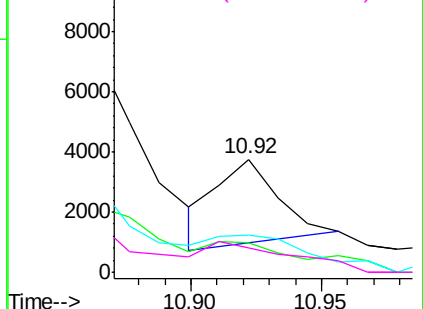
#33
4-Chloroaniline
Concen: 2.29 ng
RT: 10.92 min Scan# 878
Delta R.T. 0.02 min
Lab File: BF077176.D
Acq: 4 Feb 2015 12:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	4693	
Ion Ratio	Lower	Upper	
127 100			
129 25.9	25.3	37.9	
65 33.0	27.8	41.6	
92 22.1	16.5	24.7	

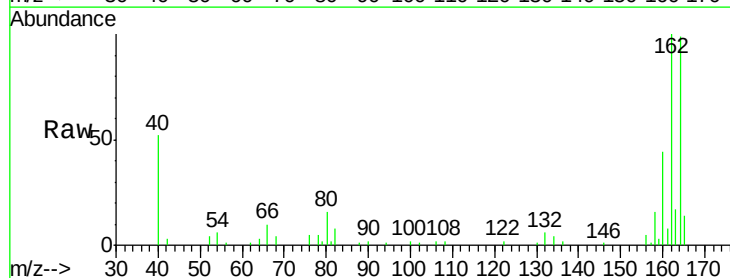


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

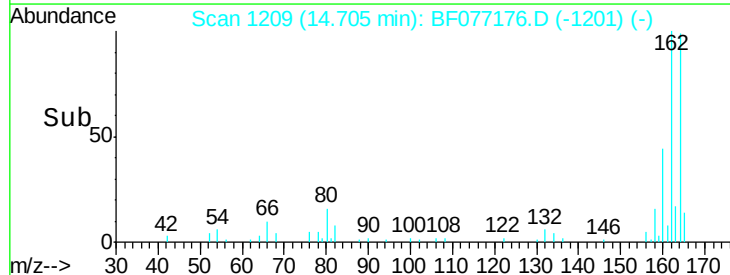
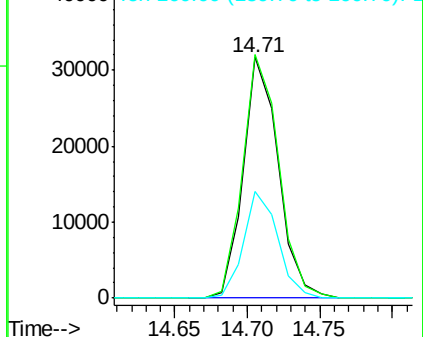


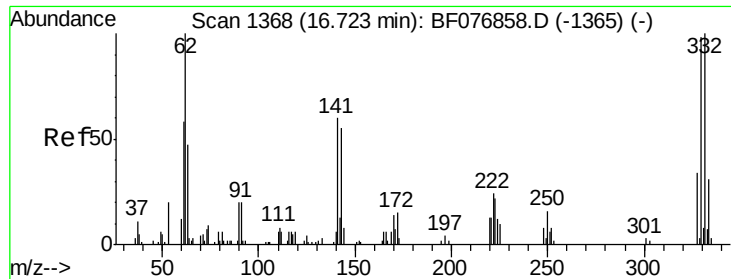
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.71 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF077176.D
Acq: 4 Feb 2015 12:44

Tgt	Ion:164	Resp:	53175
Ion	Ratio	Lower	Upper
164	100		
162	101.2	82.4	123.6
160	44.4	34.8	52.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

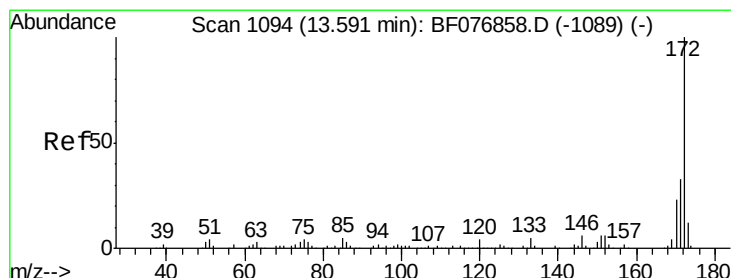
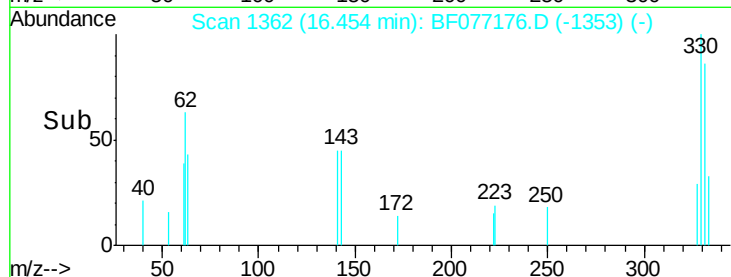
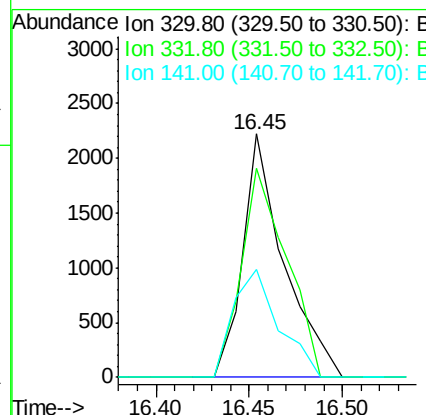
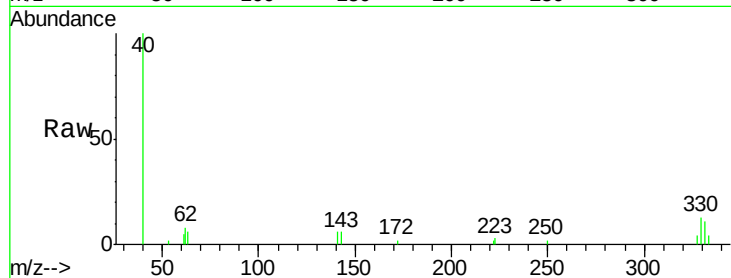




#41
 2,4,6-Tribromophenol
 Concen: 7.89 ng
 RT: 16.45 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: BF077176.D
 Acq: 4 Feb 2015 12:44

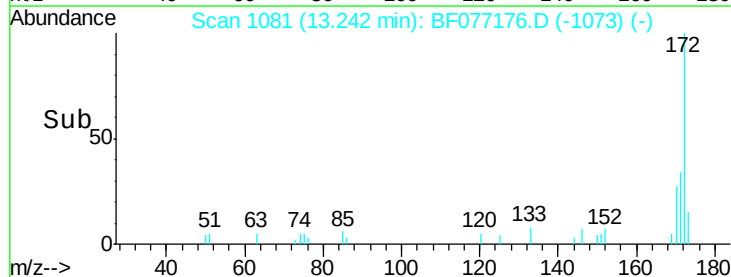
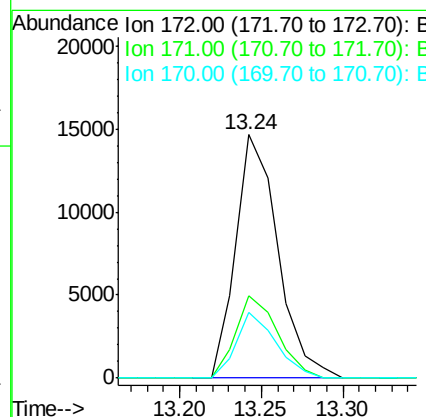
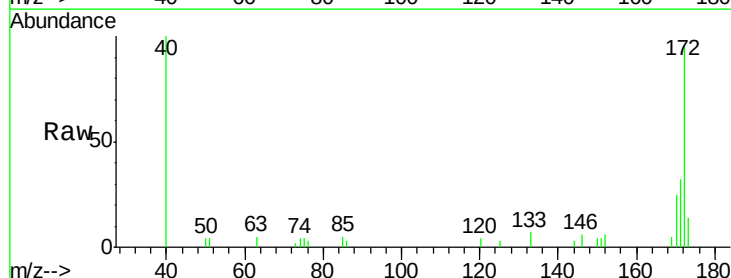
Instrument :
 BNA_F
 ClientSampleId :

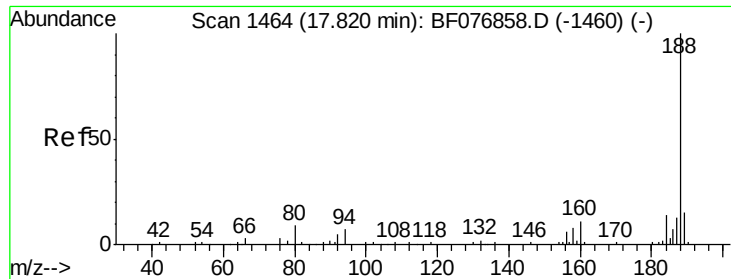
Tot Ion:330 Resp: 3404
 Ion Ratio Lower Upper
 330 100
 332 94.3 77.8 116.6
 141 49.5 38.5 57.7



#44
 2-Fluorobiphenyl
 Concen: 7.47 ng
 RT: 13.24 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BF077176.D
 Acq: 4 Feb 2015 12:44

Tgt Ion:172 Resp: 26119
 Ion Ratio Lower Upper
 172 100
 171 33.9 26.6 40.0
 170 26.7 18.0 27.0

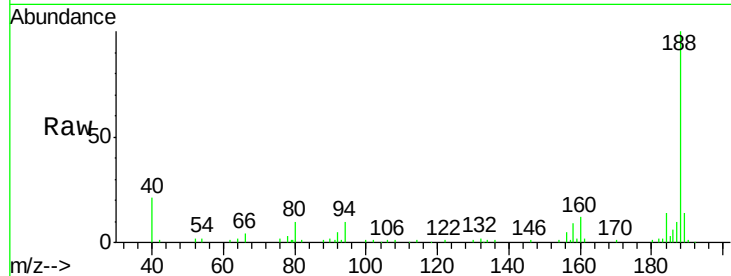




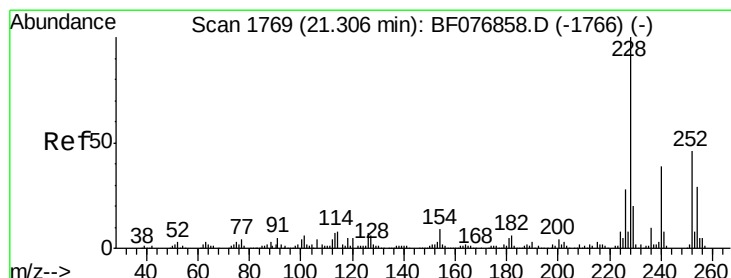
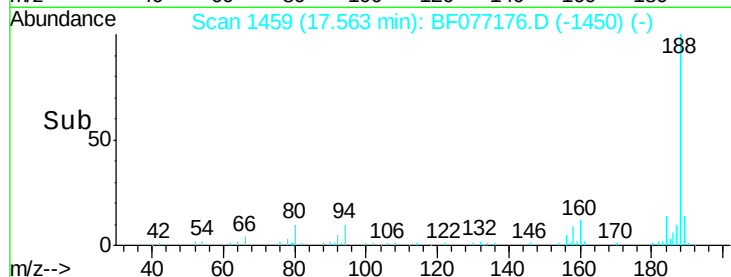
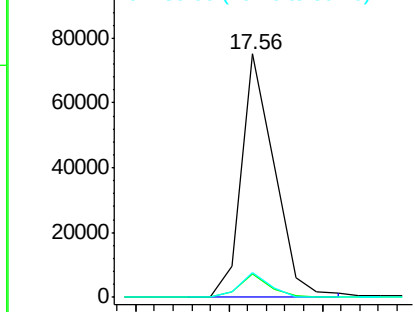
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 1459
Delta R.T. 0.00 min
Lab File: BF077176.D
Acq: 4 Feb 2015 12:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 92303
Ion Ratio Lower Upper
188 100
94 9.8 6.0 9.0#
80 10.0 6.9 10.3

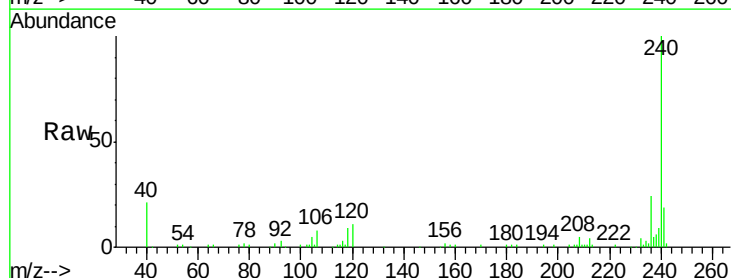


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

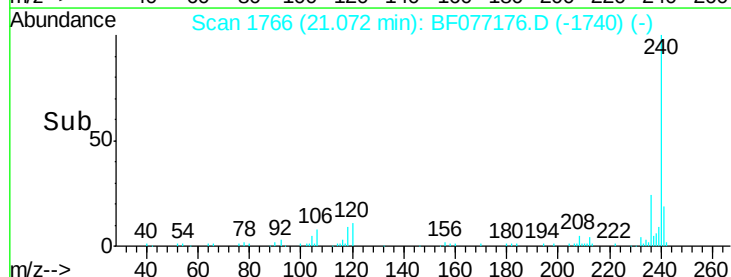
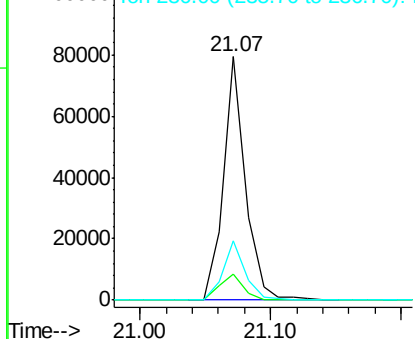


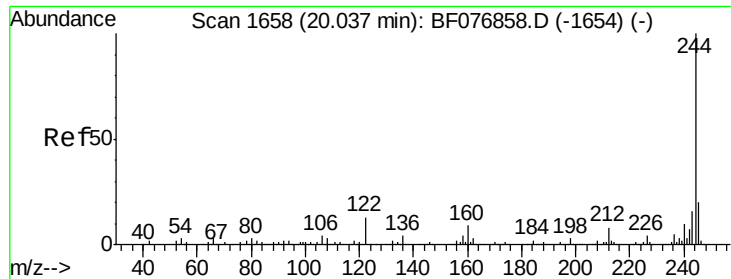
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.07 min Scan# 1766
Delta R.T. 0.00 min
Lab File: BF077176.D
Acq: 4 Feb 2015 12:44

Tgt Ion:240 Resp: 92715
Ion Ratio Lower Upper
240 100
120 10.6 10.4 15.6
236 24.1 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

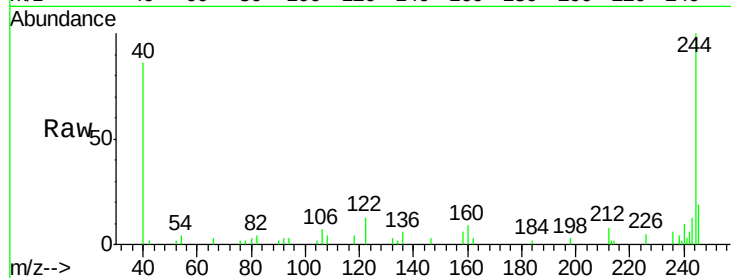




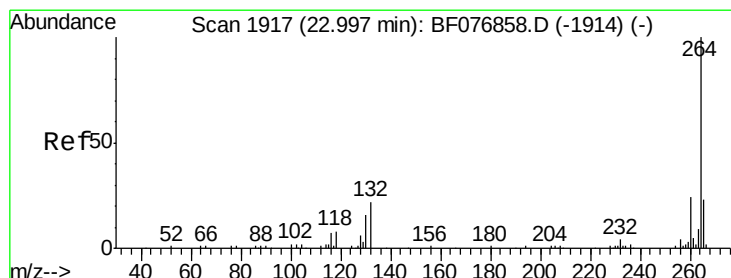
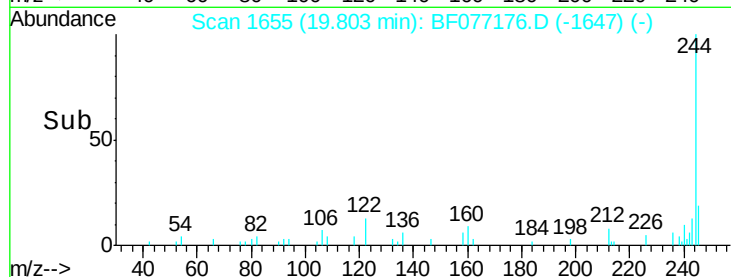
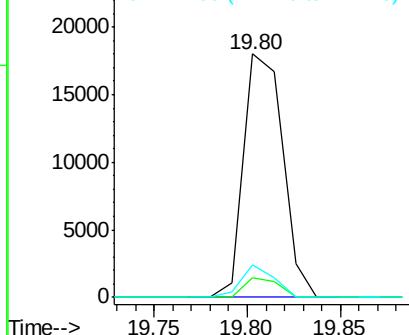
#78
 Terphenyl-d14
 Concen: 6.51 ng
 RT: 19.80 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BF077176.D
 Acq: 4 Feb 2015 12:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 26200
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.3 9.5
 122 13.1 10.1 15.1

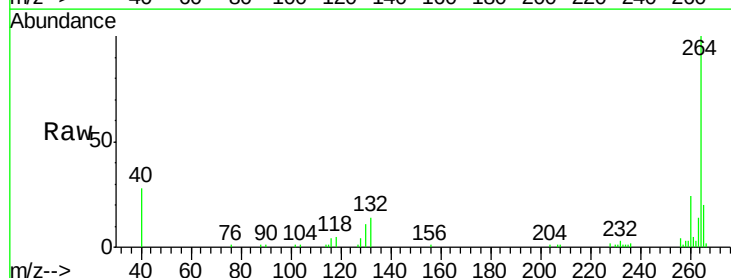


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.72 min Scan# 1910
 Delta R.T. -0.02 min
 Lab File: BF077176.D
 Acq: 4 Feb 2015 12:44

Tgt Ion:264 Resp: 86231
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.0 28.4
 265 20.4 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

