

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043015\
 Data File : BF078869.D
 Acq On : 1 May 2015 1:35
 Operator : TP/IZ
 Sample : G2044-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-62D

Quant Time: May 01 02:33:19 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 00:31:00 2015
 Response via : Initial Calibration

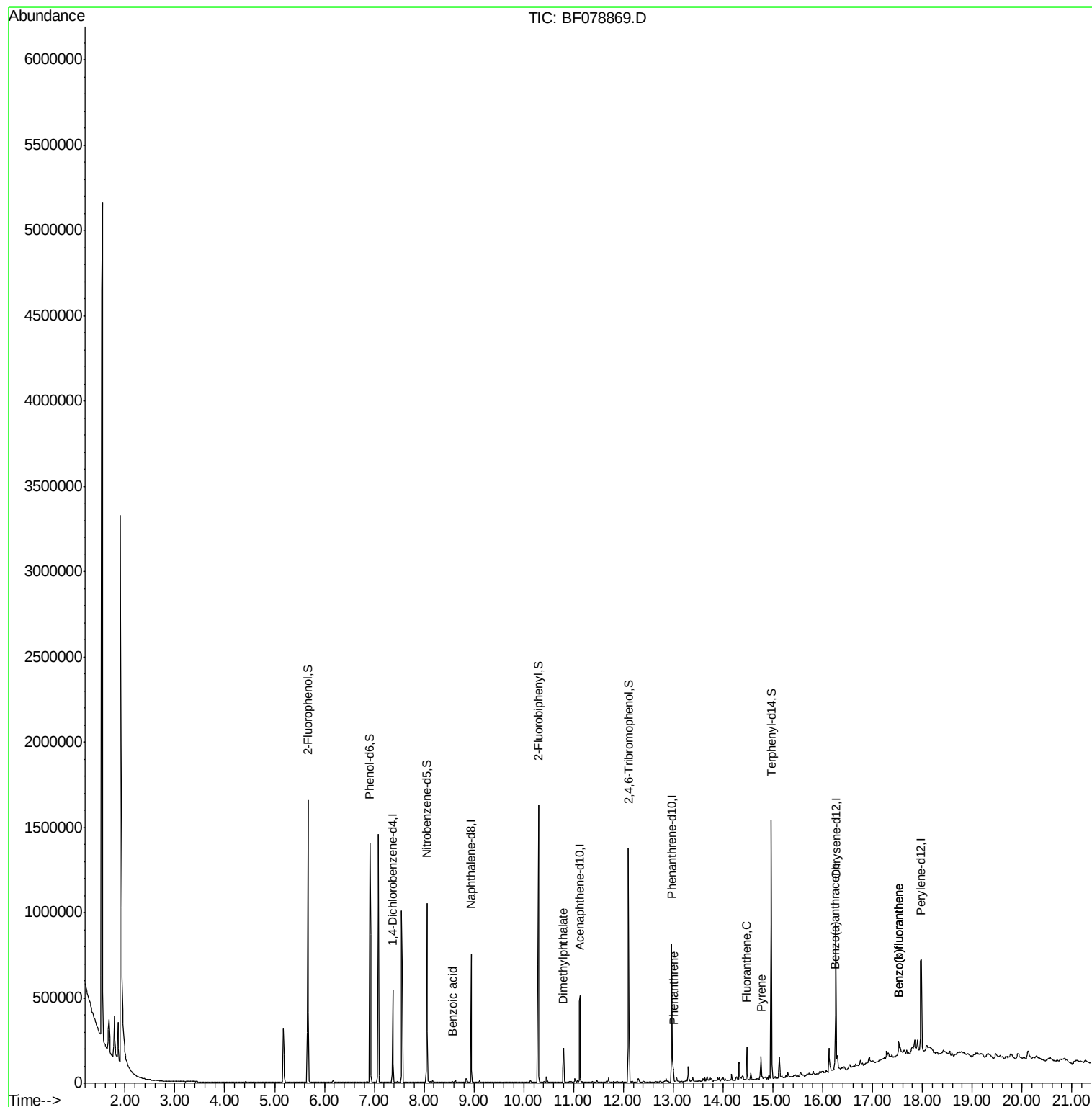
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	78271	20.00	ng	0.00
21) Naphthalene-d8	8.95	136	324083	20.00	ng	0.00
38) Acenaphthene-d10	11.13	164	149576	20.00	ng	0.00
63) Phenanthrene-d10	12.97	188	294102	20.00	ng	0.00
75) Chrysene-d12	16.26	240	309580	20.00	ng	-0.01
86) Perylene-d12	17.98	264	321164	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	464737	102.21	ng	0.00
7) Phenol-d6	6.91	99	595401	99.06	ng	0.00
23) Nitrobenzene-d5	8.06	82	331507	58.79	ng	0.00
41) 2,4,6-Tribromophenol	12.10	330	166124	102.66	ng	0.00
44) 2-Fluorobiphenyl	10.30	172	560969	52.25	ng	0.00
78) Terphenyl-d14	14.97	244	601968	46.55	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	8.57	122	1263	6.69	ng	# 69
49) Dimethylphthalate	10.80	163	88514	8.06	ng	98
70) Phenanthrene	13.01	178	42354	2.57	ng	99
74) Fluoranthene	14.48	202	77654	4.53	ng	94
77) Pyrene	14.77	202	71178	3.99	ng	98
80) Benzo(a)anthracene	16.25	228	40800	2.41	ng	99
87) Benzo(b)fluoranthene	17.52	252	58035	3.30	ng	# 92
88) Benzo(k)fluoranthene	17.52	252	58652	3.45	ng	# 94

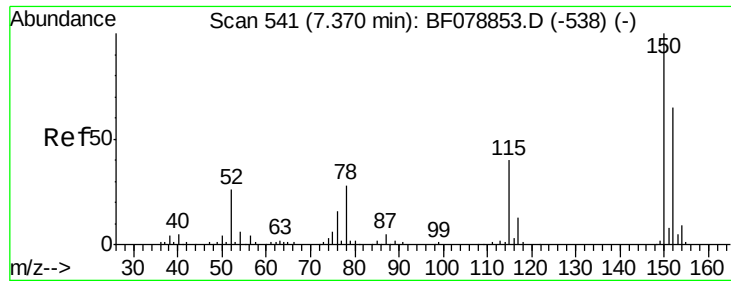
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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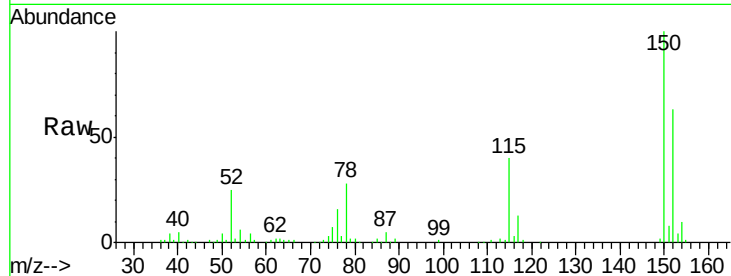


#1

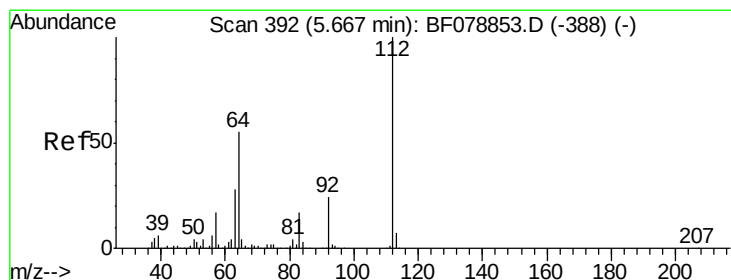
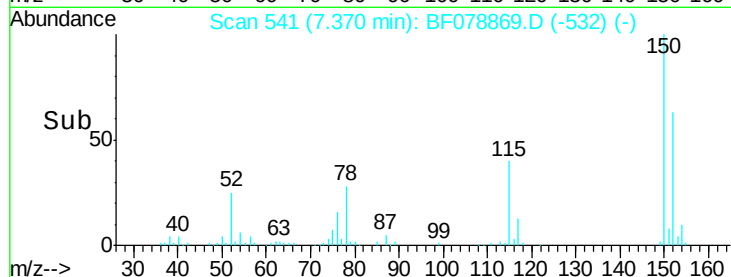
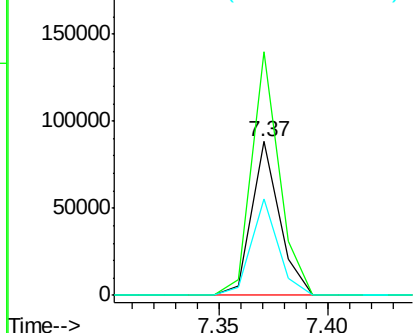
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF078869.D
Acq: 1 May 2015 1:35

Instrument :
BNA_F
ClientSampleId :
SB-62D

Tgt Ion:152 Resp: 78271
Ion Ratio Lower Upper
152 100
150 158.6 122.0 183.0
115 62.8 46.3 69.5



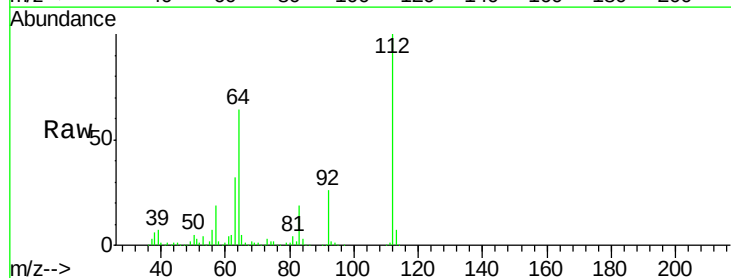
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



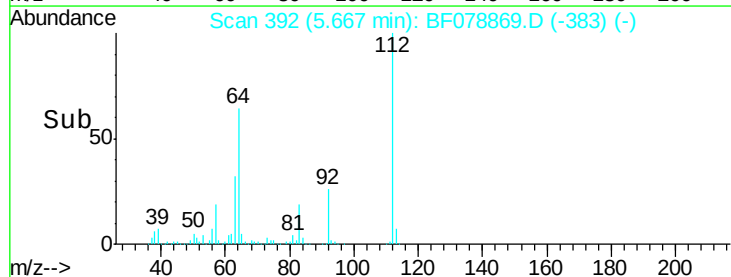
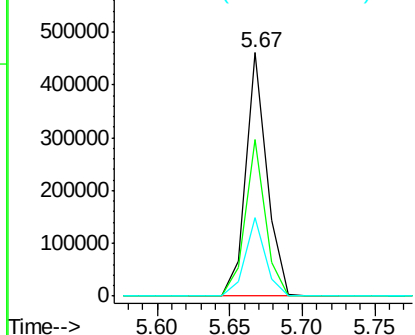
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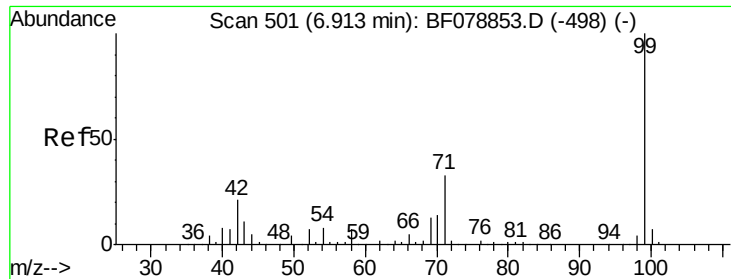
2-Fluorophenol
Concen: 102.21 ng
RT: 5.67 min Scan# 392
Delta R.T. 0.00 min
Lab File: BF078869.D
Acq: 1 May 2015 1:35

Tgt Ion:112 Resp: 464737
Ion Ratio Lower Upper
112 100
64 64.3 53.5 80.3
63 32.1 27.5 41.3



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: 99.06 ng

RT: 6.91 min Scan# 501

Delta R.T. -0.00 min

Lab File: BF078869.D

Acq: 1 May 2015 1:35

Instrument :

BNA_F

ClientSampleId :

SB-62D

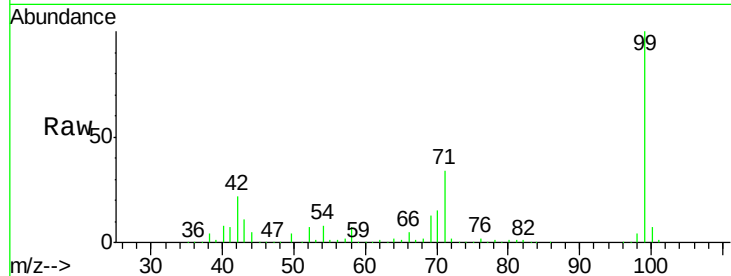
Tgt Ion: 99 Resp: 595401

Ion Ratio Lower Upper

99 100

42 21.5 12.8 19.2#

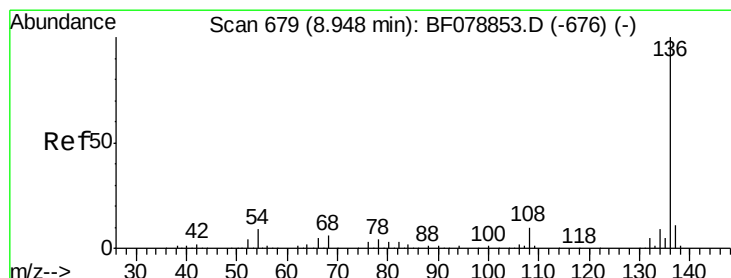
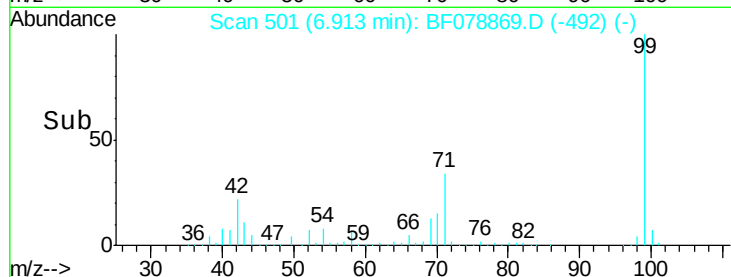
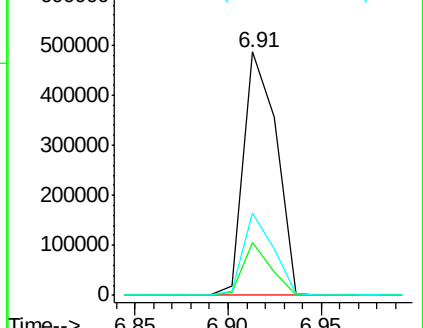
71 33.9 23.4 35.2



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.95 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF078869.D

Acq: 1 May 2015 1:35

Tgt Ion: 136 Resp: 324083

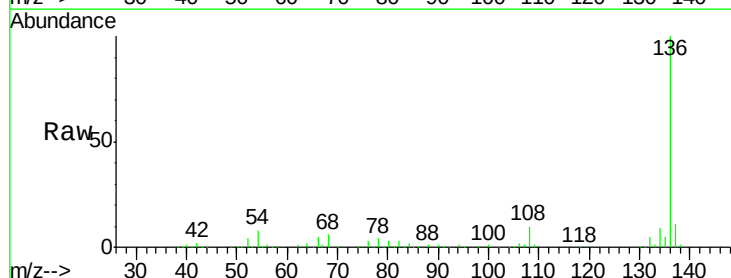
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 8.0 5.8 8.8

68 6.0 4.2 6.4

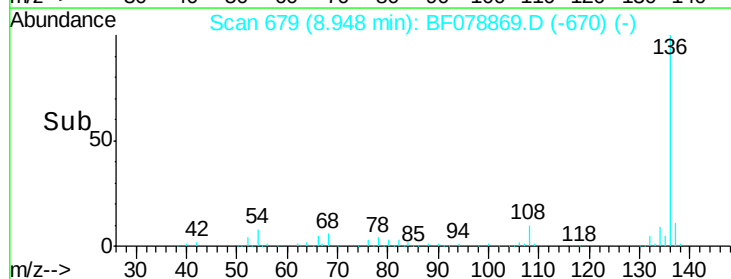
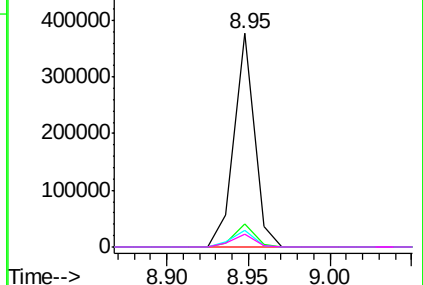


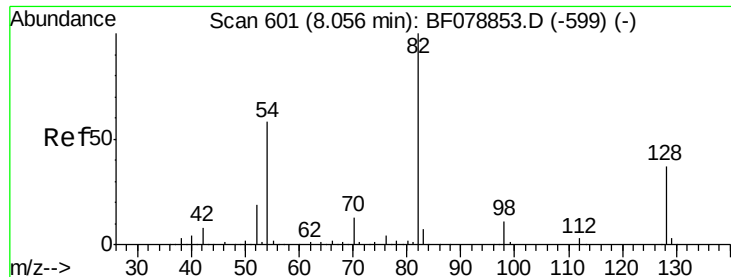
Abundance Ion 136.00 (135.70 to 136.70): E

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

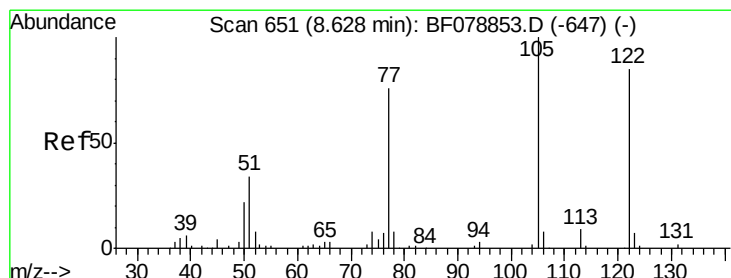
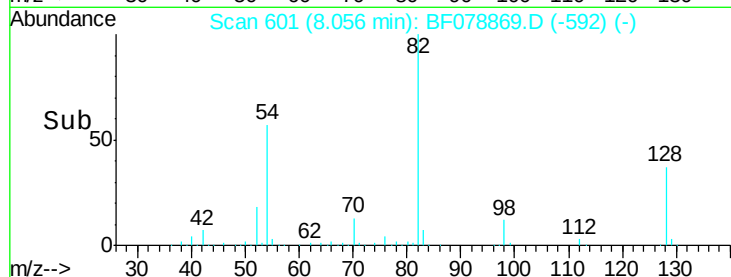
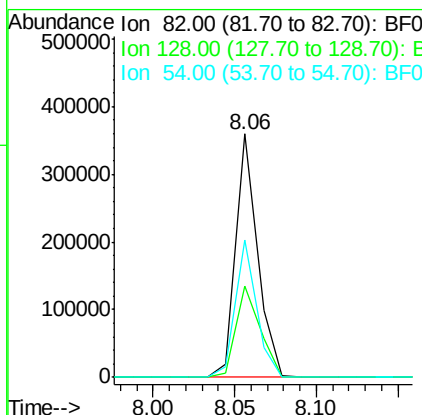
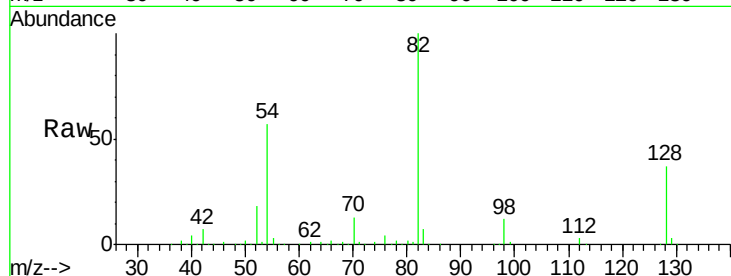




#23
 Nitrobenzene-d5
 Concen: 58.79 ng
 RT: 8.06 min Scan# 601
 Delta R.T. -0.00 min
 Lab File: BF078869.D
 Acq: 1 May 2015 1:35

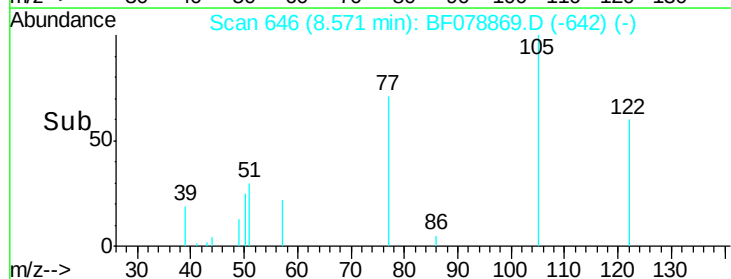
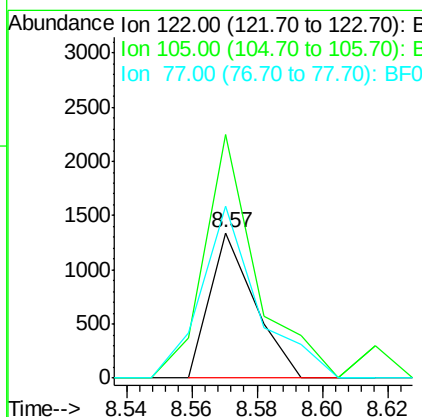
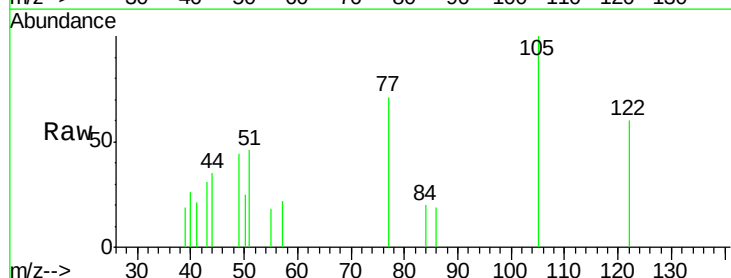
Instrument :
 BNA_F
 ClientSampleId :
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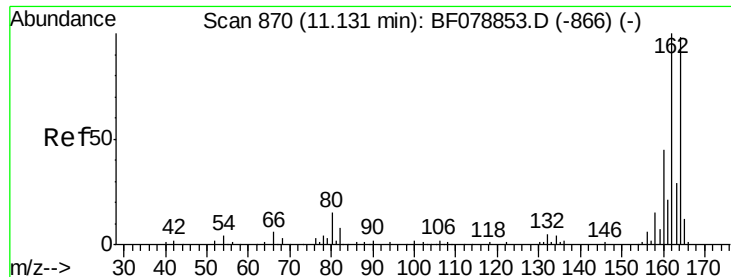
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.3	30.0	45.0
54	56.6	46.4	69.6



#32
 Benzoic acid
 Concen: 6.69 ng
 RT: 8.57 min Scan# 646
 Delta R.T. -0.06 min
 Lab File: BF078869.D
 Acq: 1 May 2015 1:35

Tgt Ion	Ratio	Lower	Upper
122	100		
105	167.6	107.1	147.1#
77	118.3	73.9	113.9#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.13 min Scan# 870

Delta R.T. 0.00 min

Lab File: BF078869.D

Acq: 1 May 2015 1:35

Instrument :

BNA_F

ClientSampleId :

SB-62D

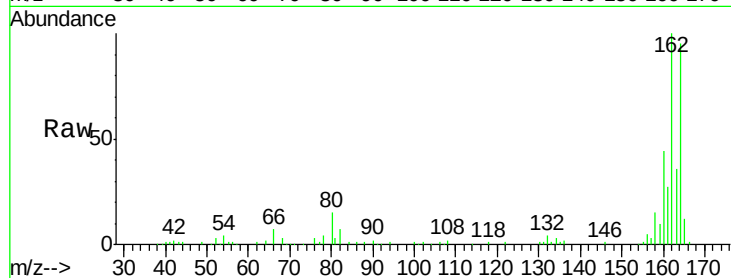
Tgt Ion:164 Resp: 149576

Ion Ratio Lower Upper

164 100

162 105.5 82.7 124.1

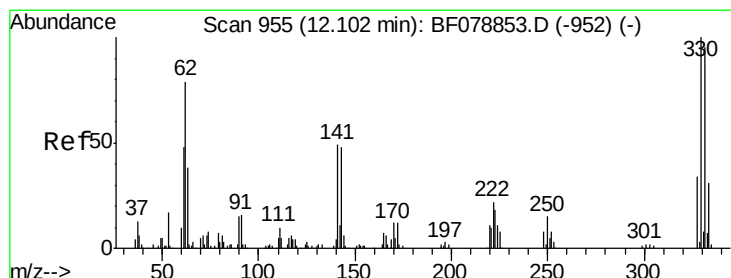
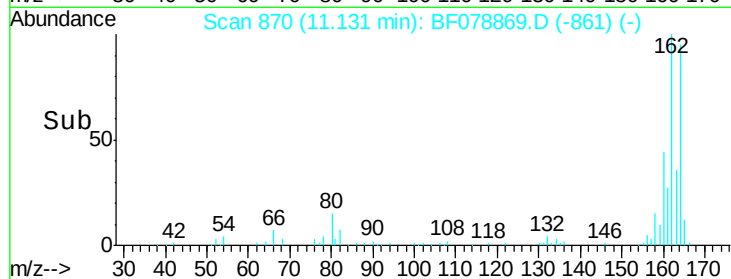
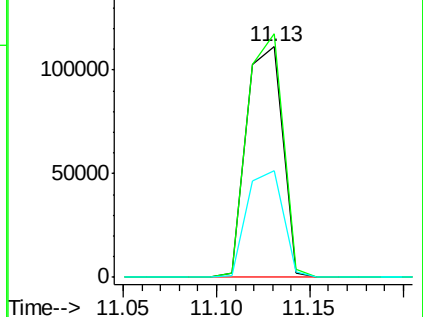
160 46.5 35.8 53.8



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: 102.66 ng

RT: 12.10 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF078869.D

Acq: 1 May 2015 1:35

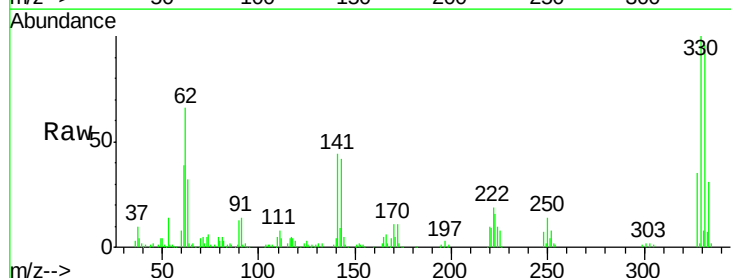
Tgt Ion:330 Resp: 166124

Ion Ratio Lower Upper

330 100

332 95.6 0.0 0.0#

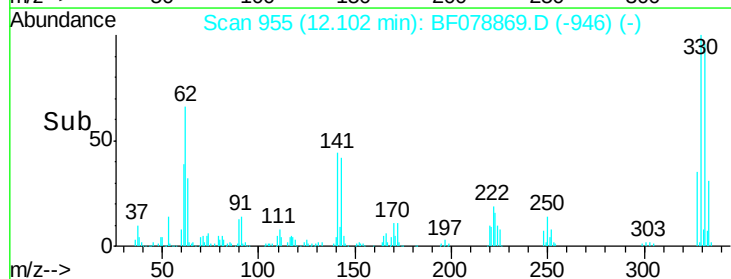
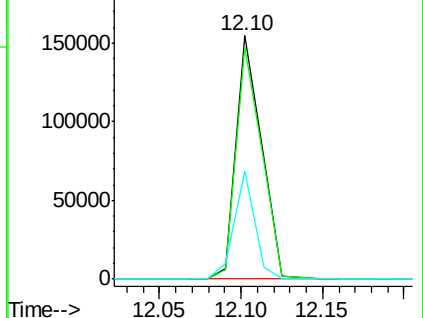
141 36.0 0.0 0.0#

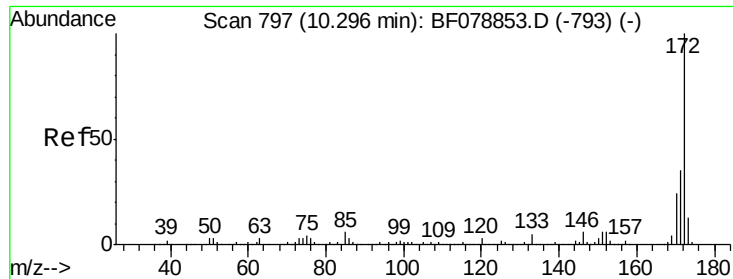


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

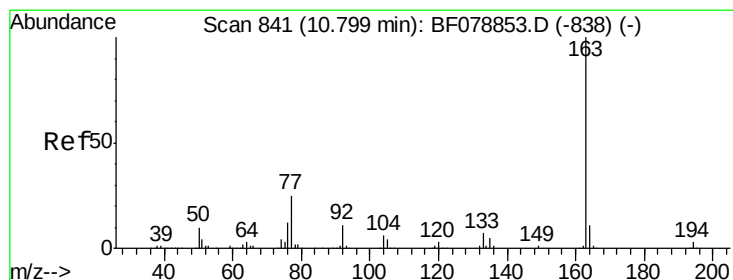
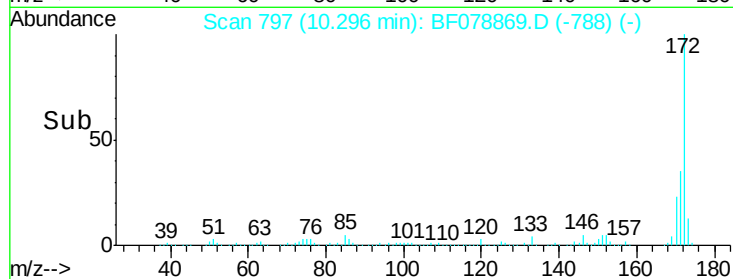
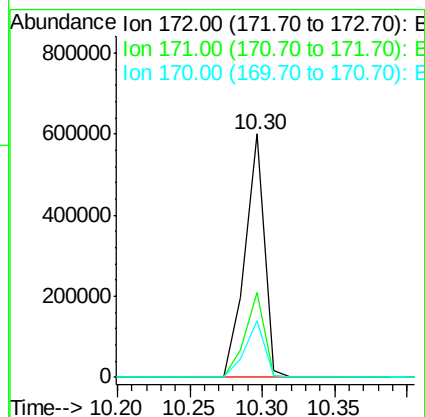
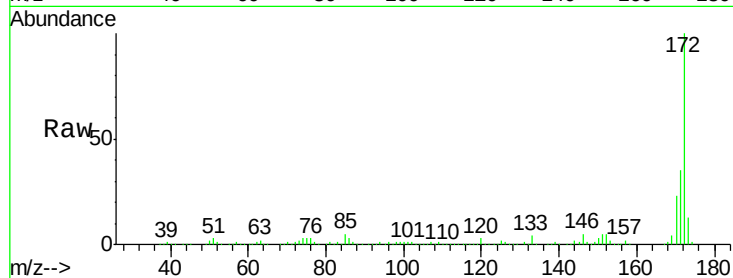




#44
2-Fluorobiphenyl
Concen: 52.25 ng
RT: 10.30 min Scan# 797
Delta R.T. 0.00 min
Lab File: BF078869.D
Acq: 1 May 2015 1:35

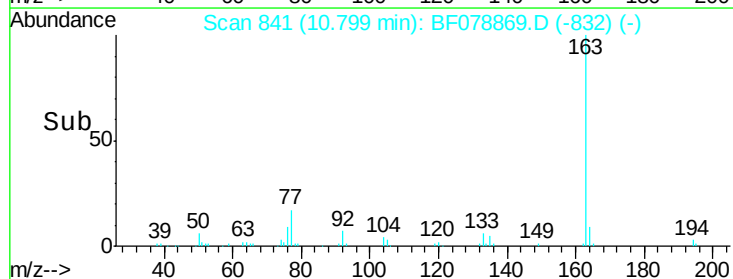
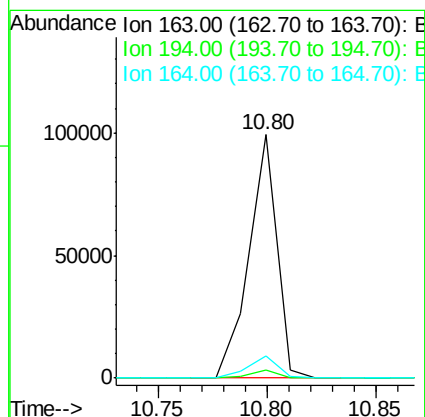
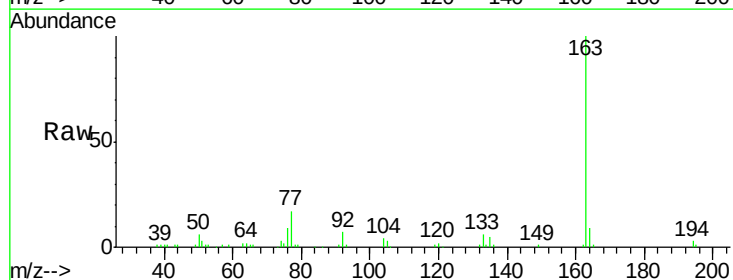
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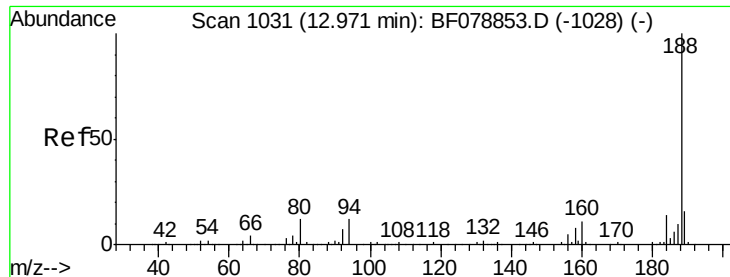
Tgt Ion:172 Resp: 560969
Ion Ratio Lower Upper
172 100
171 34.7 27.9 41.9
170 23.4 19.4 29.0



#49
Dimethylphthalate
Concen: 8.06 ng
RT: 10.80 min Scan# 841
Delta R.T. -0.00 min
Lab File: BF078869.D
Acq: 1 May 2015 1:35

Tgt Ion:163 Resp: 88514
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 9.4 8.1 12.1

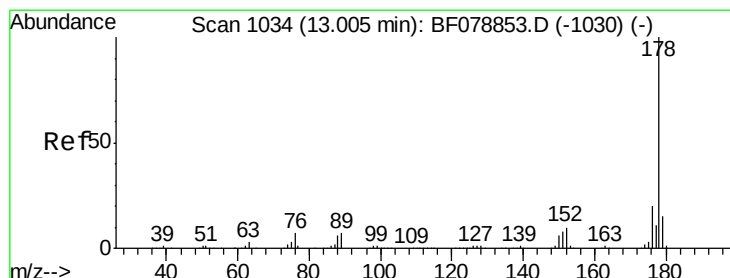
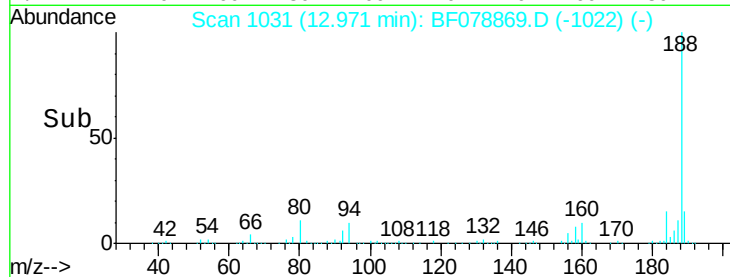
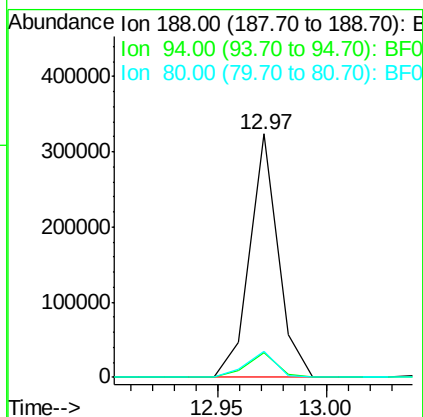
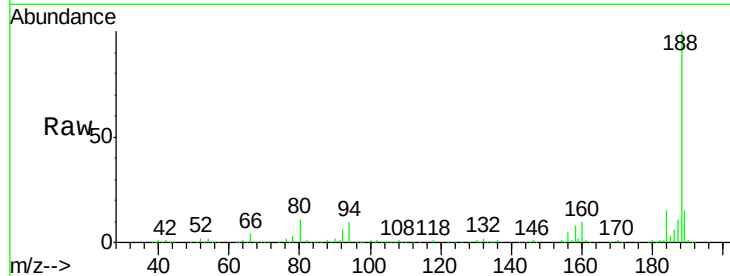




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.97 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: BF078869.D
 Acq: 1 May 2015 1:35

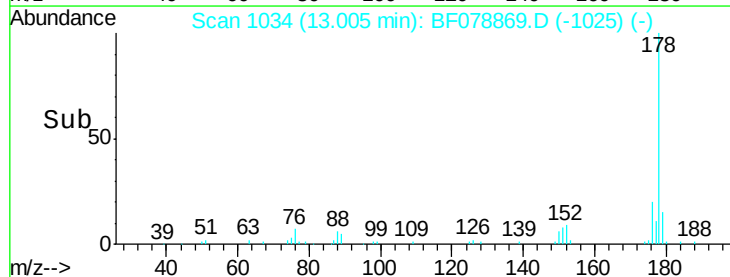
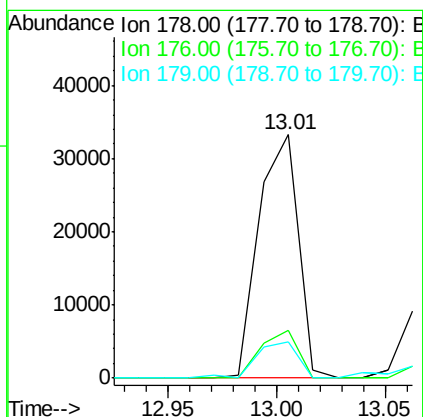
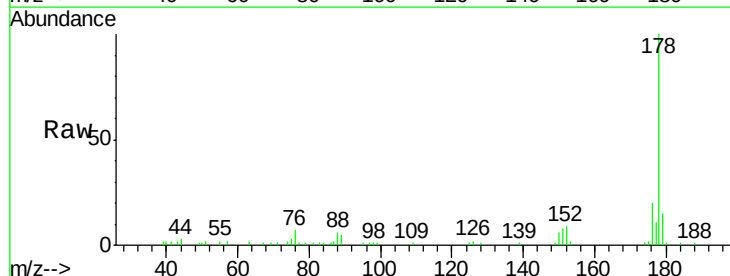
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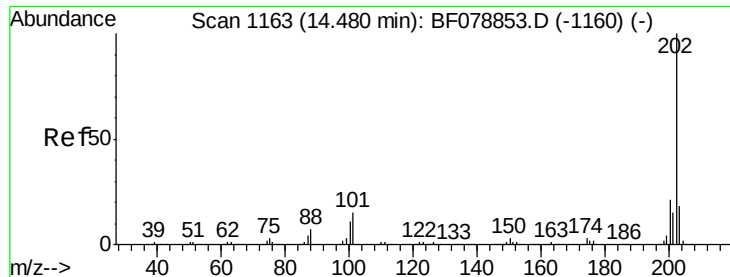
Tgt Ion:188 Resp: 294102
 Ion Ratio Lower Upper
 188 100
 94 10.1 8.2 12.2
 80 10.8 8.9 13.3



#70
 Phenanthrene
 Concen: 2.57 ng
 RT: 13.01 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BF078869.D
 Acq: 1 May 2015 1:35

Tgt Ion:178 Resp: 42354
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 15.0 12.5 18.7

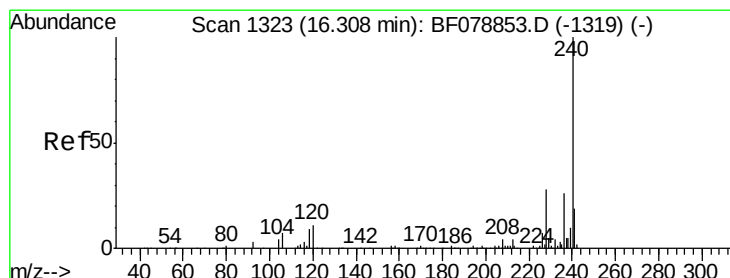
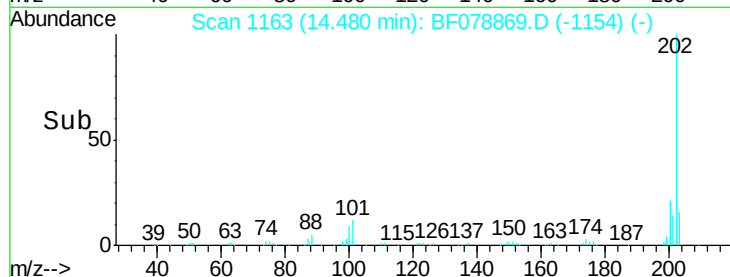
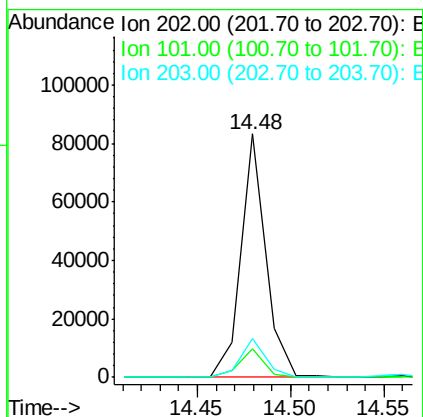
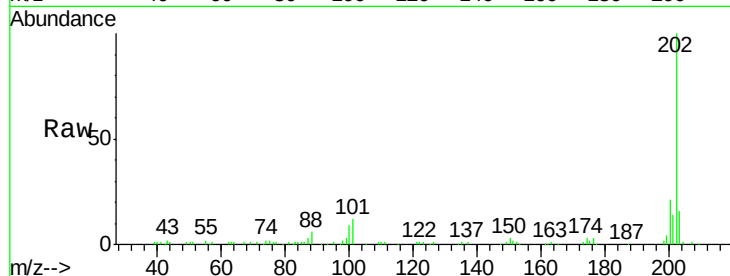




#74
 Fluoranthene
 Concen: 4.53 ng
 RT: 14.48 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF078869.D
 Acq: 1 May 2015 1:35

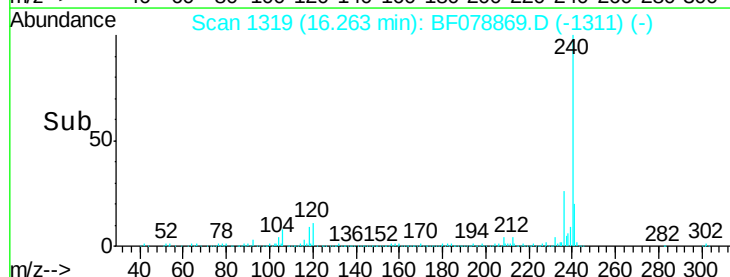
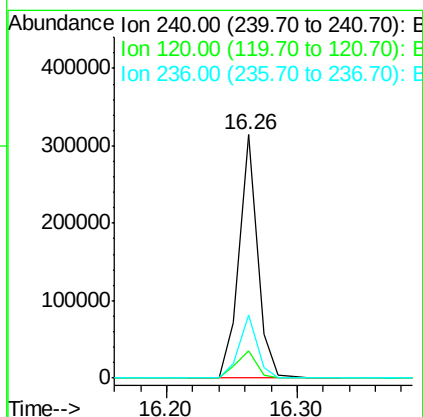
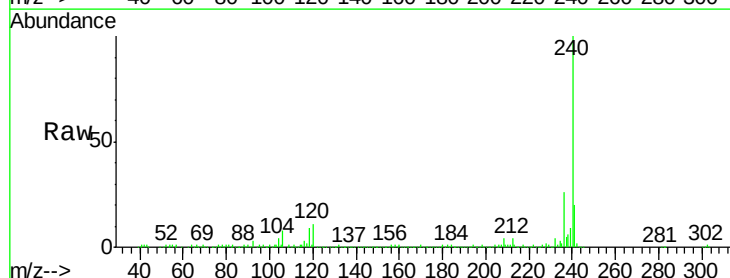
Instrument :
 BNA_F
 ClientSampled :
 SB-62D

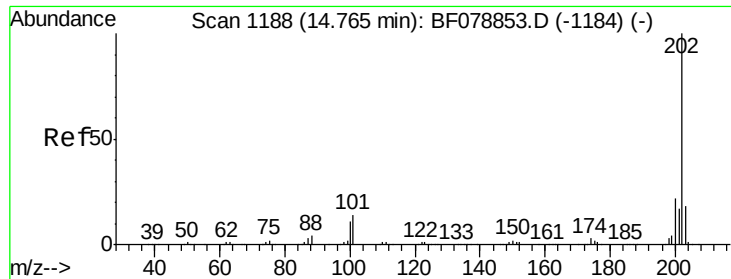
Tgt Ion: 202 Resp: 77654
 Ion Ratio Lower Upper
 202 100
 101 11.9 0.0 34.6
 203 16.1 0.0 38.4



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.26 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF078869.D
 Acq: 1 May 2015 1:35

Tgt Ion: 240 Resp: 309580
 Ion Ratio Lower Upper
 240 100
 120 11.2 9.7 14.5
 236 26.1 20.2 30.4

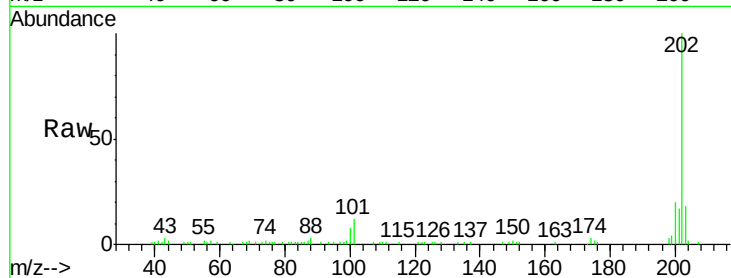




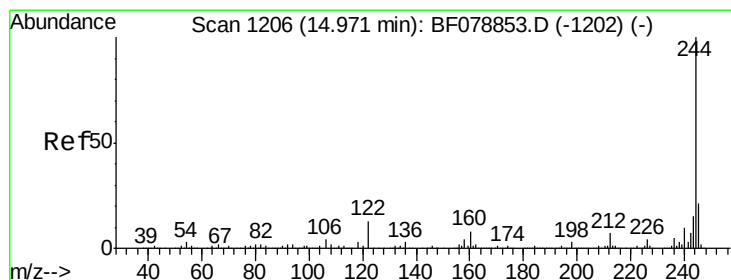
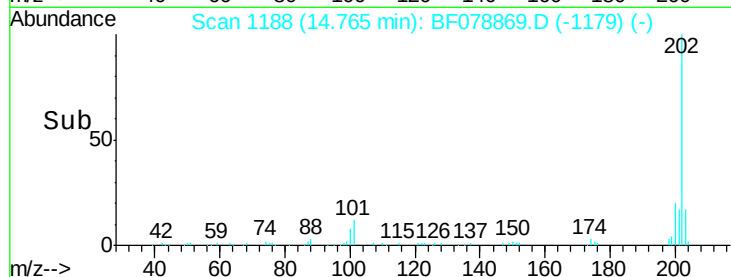
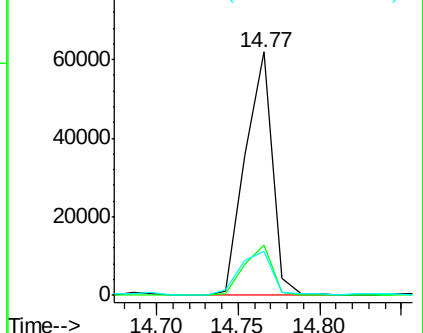
#77
 Pyrene
 Concen: 3.99 ng
 RT: 14.77 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF078869.D
 Acq: 1 May 2015 1:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-62D

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.5	26.3
203	18.1	13.9	20.9

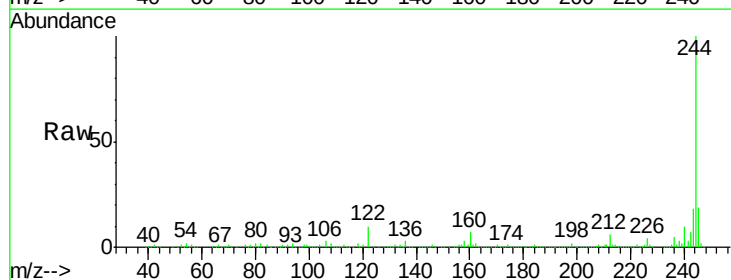


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

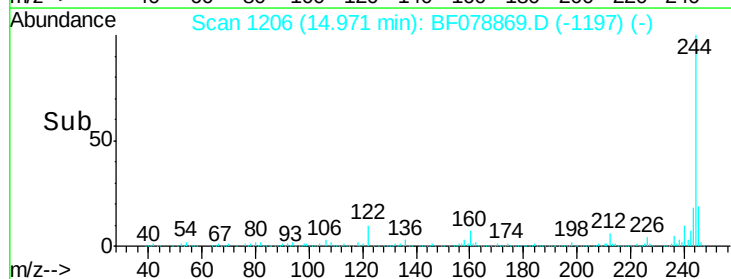
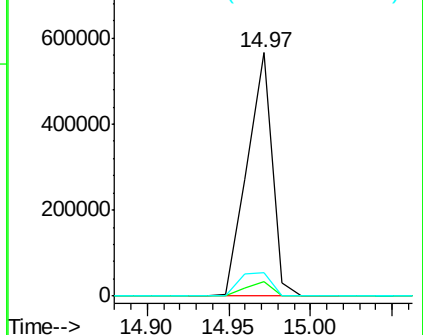


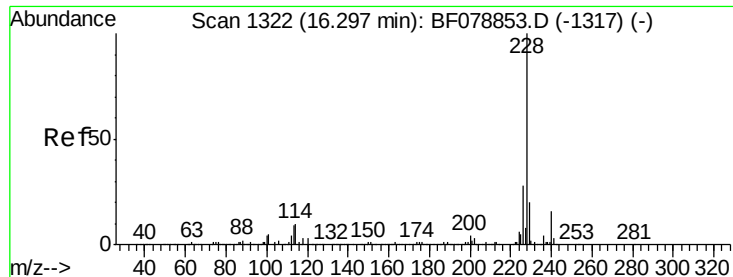
#78
 Terphenyl-d14
 Concen: 46.55 ng
 RT: 14.97 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF078869.D
 Acq: 1 May 2015 1:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.6	8.4
122	9.5	10.3	15.5



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

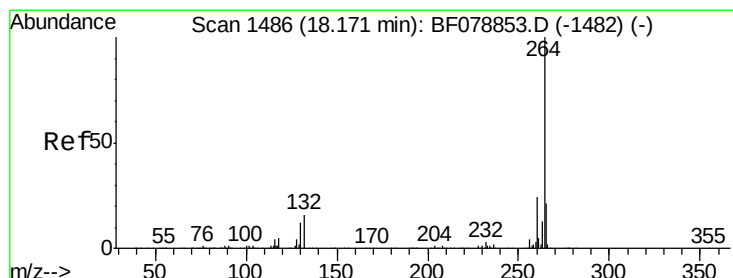
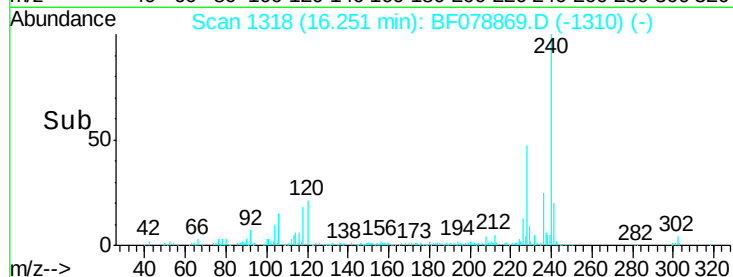
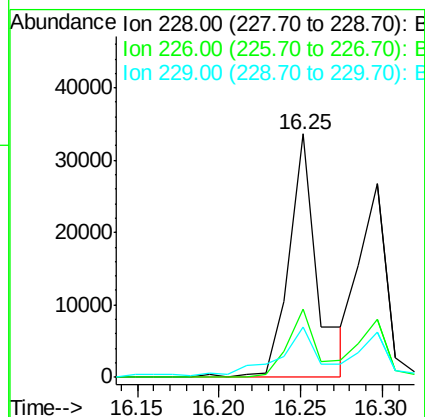
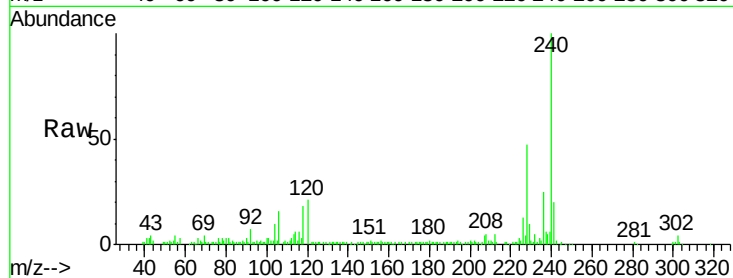




#80
Benzo(a)anthracene
Concen: 2.41 ng
RT: 16.25 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF078869.D
Acq: 1 May 2015 1:35

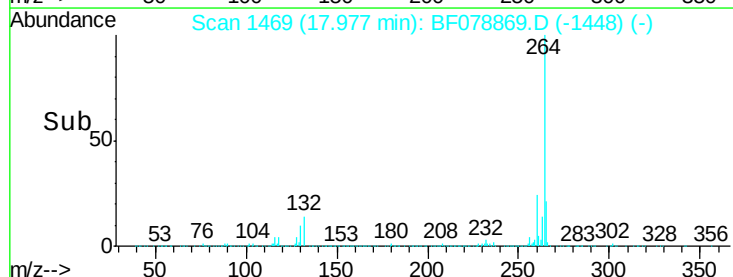
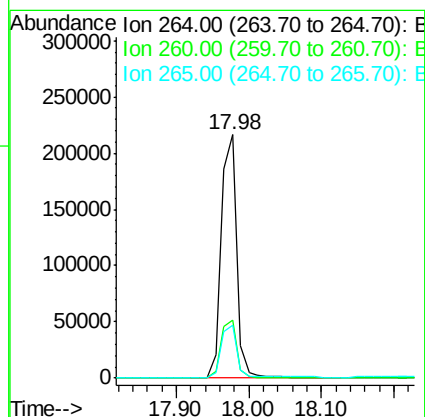
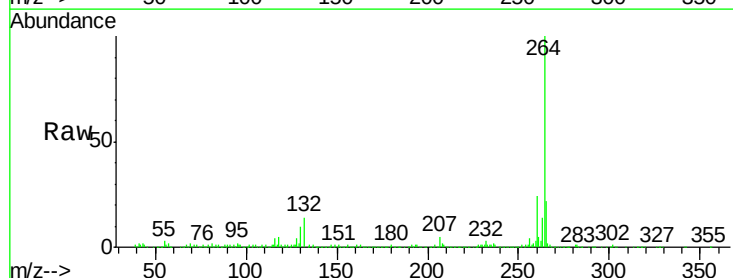
Instrument :
BNA_F
ClientSampleId :
SB-62D

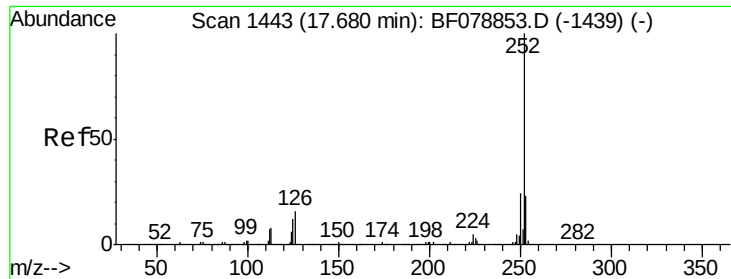
Tgt Ion:	228	Resp:	40800
Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	20.7	15.9	23.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 17.98 min Scan# 1469
Delta R.T. -0.06 min
Lab File: BF078869.D
Acq: 1 May 2015 1:35

Tgt Ion:	264	Resp:	321164
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	21.7	18.3	27.5

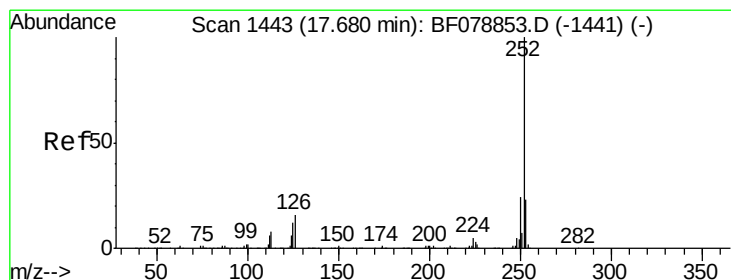
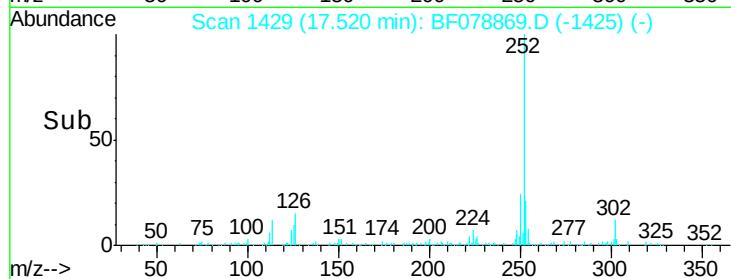
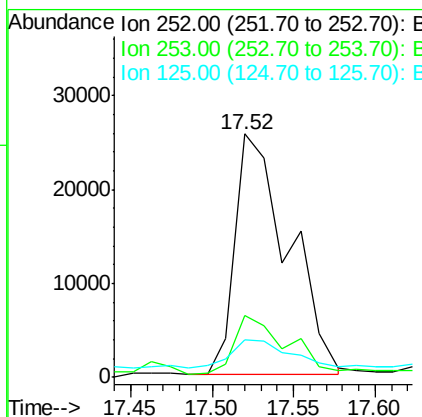
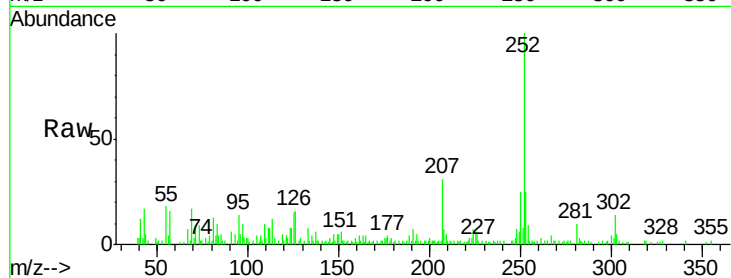




#87
Benzo(b)fluoranthene
Concen: 3.30 ng
RT: 17.52 min Scan# 1429
Delta R.T. -0.06 min
Lab File: BF078869.D
Acq: 1 May 2015 1:35

Instrument :
BNA_F
ClientSampleId :
SB-62D

Tgt Ion:252 Resp: 58035
Ion Ratio Lower Upper
252 100
253 25.5 17.7 26.5
125 15.3 9.5 14.3#



#88
Benzo(k)fluoranthene
Concen: 3.45 ng
RT: 17.52 min Scan# 1429
Delta R.T. -0.09 min
Lab File: BF078869.D
Acq: 1 May 2015 1:35

Tgt Ion:252 Resp: 58652
Ion Ratio Lower Upper
252 100
253 25.5 18.1 27.1
125 15.3 10.0 15.0#

