

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050615\
 Data File : BF078958.D
 Acq On : 6 May 2015 14:11
 Operator : TP/IZ
 Sample : G2116-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-46D

Manual Integrations
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Quant Time: May 07 01:39:48 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 07 00:45:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	76595	20.00	ng	0.00
21) Naphthalene-d8	8.92	136	316646	20.00	ng	0.00
38) Acenaphthene-d10	11.10	164	147118	20.00	ng	0.00
63) Phenanthrene-d10	12.95	188	295763	20.00	ng	0.00
75) Chrysene-d12	16.25	240	303469	20.00	ng	-0.06
86) Perylene-d12	18.05	264	335693	20.00	ng	-0.18
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	448820	100.87	ng	0.01
7) Phenol-d6	6.90	99	604724	102.82	ng	0.01
23) Nitrobenzene-d5	8.03	82	313515	56.90	ng	0.00
41) 2,4,6-Tribromophenol	12.08	330	160402	100.78	ng	0.00
44) 2-Fluorobiphenyl	10.27	172	604372	57.23	ng	0.00
78) Terphenyl-d14	14.95	244	654779m	51.66	ng	0.00
Target Compounds						
10) Phenol	6.91	94	17788	2.61	ng	99
49) Dimethylphthalate	10.78	163	24704	2.29	ng	98
70) Phenanthrene	12.97	178	39046	2.36	ng	99
74) Fluoranthene	14.46	202	71923	4.17	ng	95
77) Pyrene	14.73	202	68548m	3.92	ng	
80) Benzo(a)anthracene	16.24	228	37399	2.25	ng	96
82) Chrysene	16.29	228	32276	2.02	ng	96
87) Benzo(b)fluoranthene	17.59	252	43948	2.39	ng	98
89) Benzo(a)pyrene	17.98	252	36931	2.18	ng	# 94

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

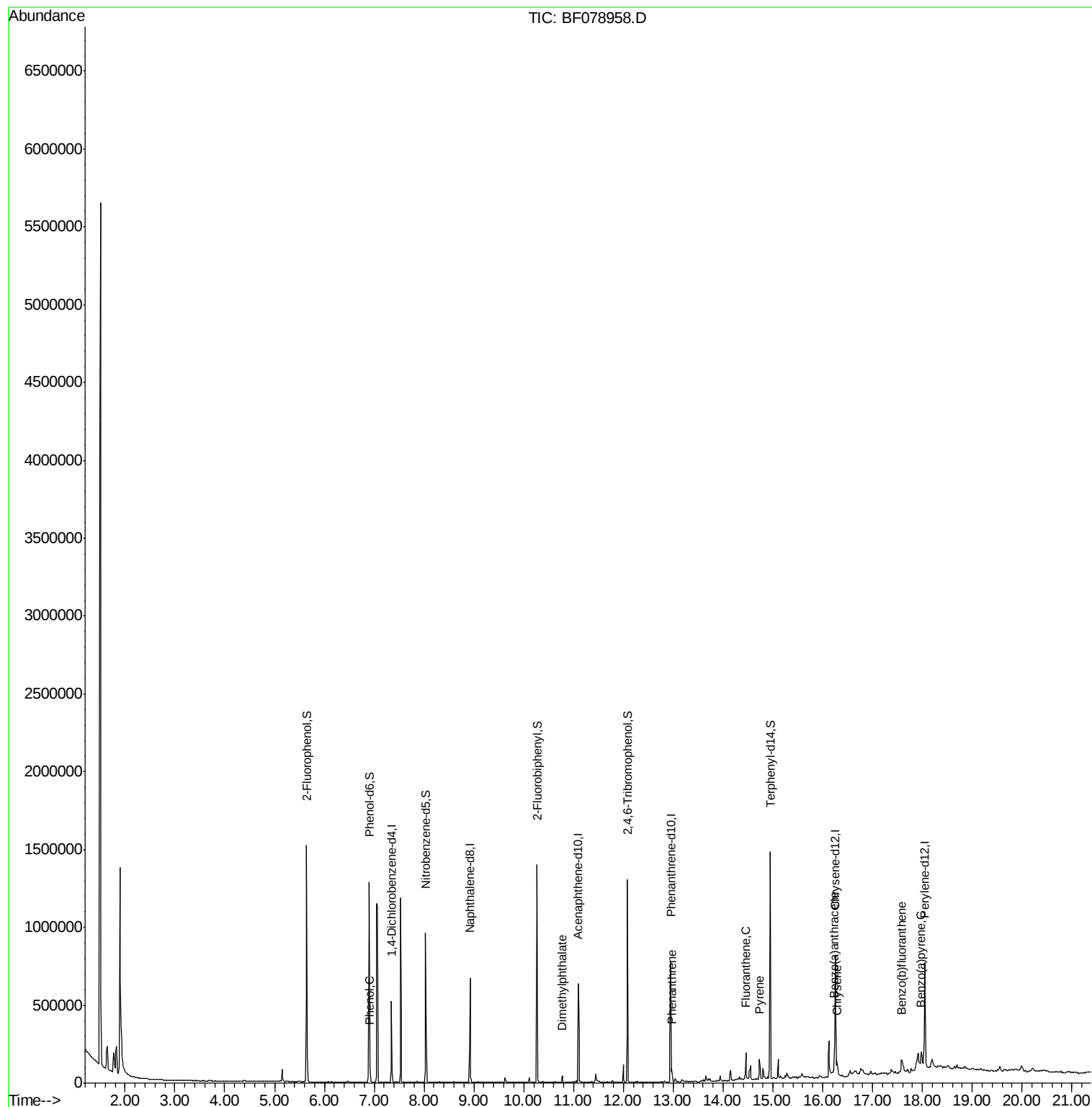
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050615\
Data File : BF078958.D
Acq On : 6 May 2015 14:11
Operator : TP/IZ
Sample : G2116-07
Misc :
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#1

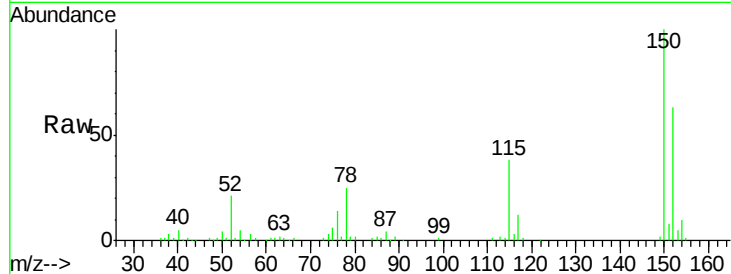
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF078958.D
Acq: 6 May 2015 14:11

Instrument :
BNA_F
ClientSampleId :
SB-46D

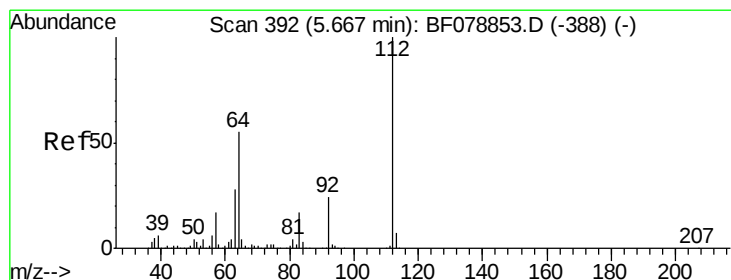
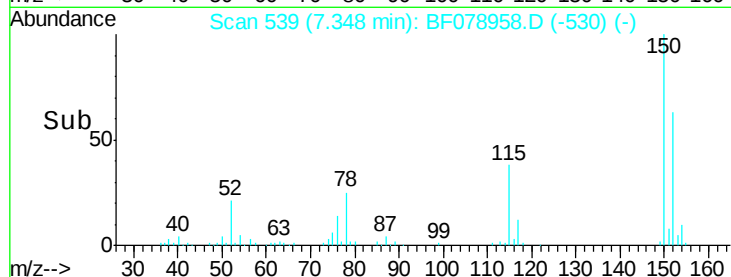
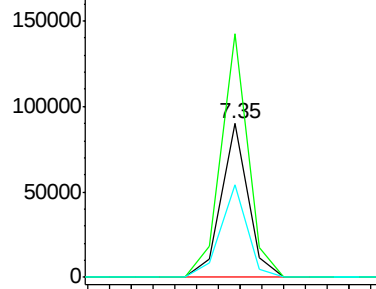
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	122.0	183.0
115	60.1	46.3	69.5

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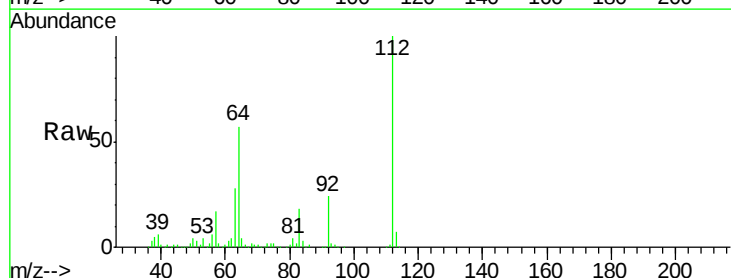
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



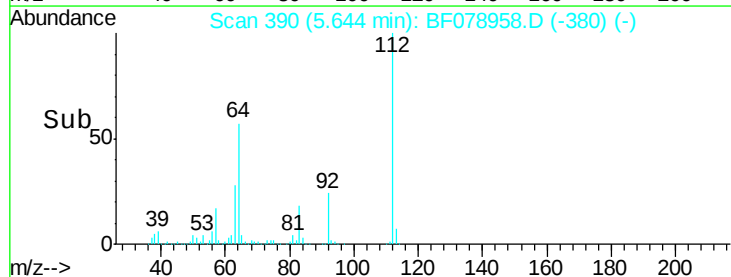
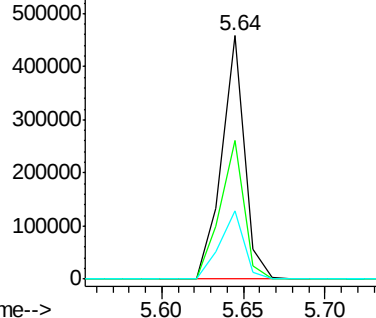
#5

2-Fluorophenol
Concen: 100.87 ng
RT: 5.64 min Scan# 390
Delta R.T. 0.01 min
Lab File: BF078958.D
Acq: 6 May 2015 14:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	53.5	80.3
63	28.3	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: 102.82 ng

RT: 6.90 min Scan# 500

Delta R.T. 0.01 min

Lab File: BF078958.D

Acq: 6 May 2015 14:11

Instrument :

BNA_F

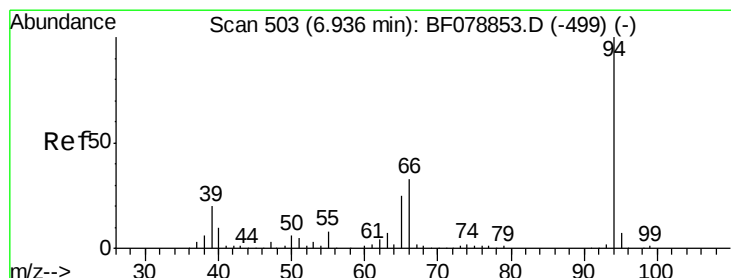
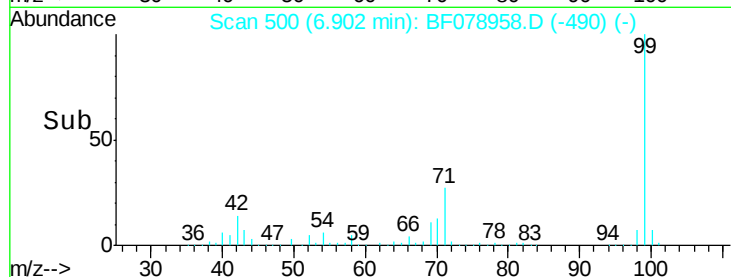
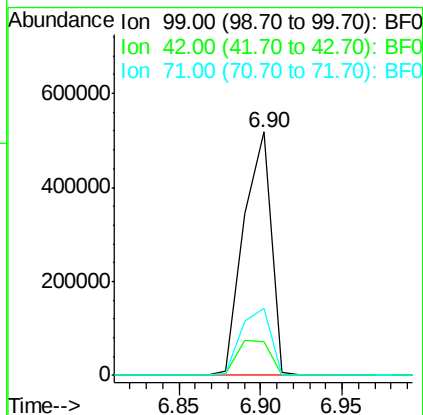
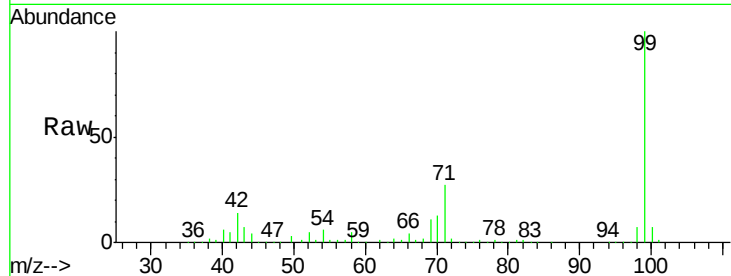
ClientSampled :

SB-46D

Tot Ion:	99	Resp:	604724
Ion	Ratio	Lower	Upper
99	100		
42	14.1	12.8	19.2
71	27.4	23.4	35.2

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#10

Phenol

Concen: 2.61 ng

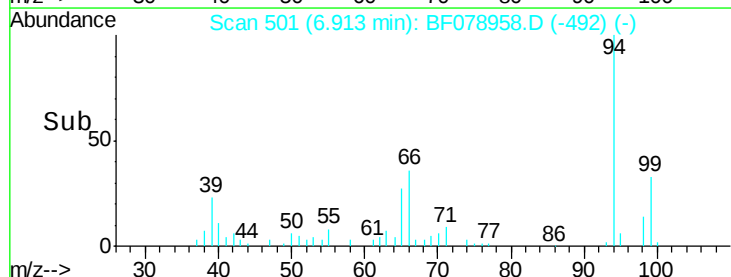
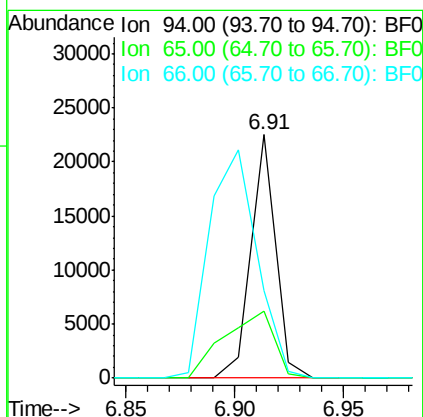
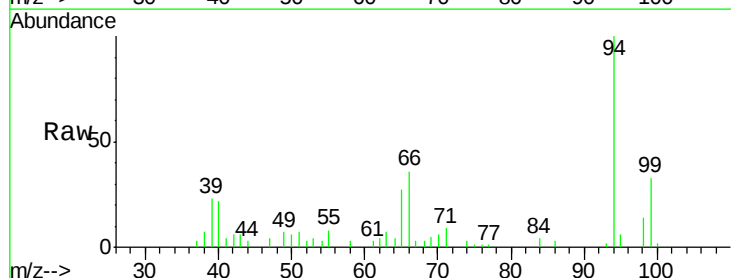
RT: 6.91 min Scan# 501

Delta R.T. 0.00 min

Lab File: BF078958.D

Acq: 6 May 2015 14:11

Tgt Ion:	94	Resp:	17788
Ion	Ratio	Lower	Upper
94	100		
65	27.4	8.5	48.5
66	35.9	16.0	56.0





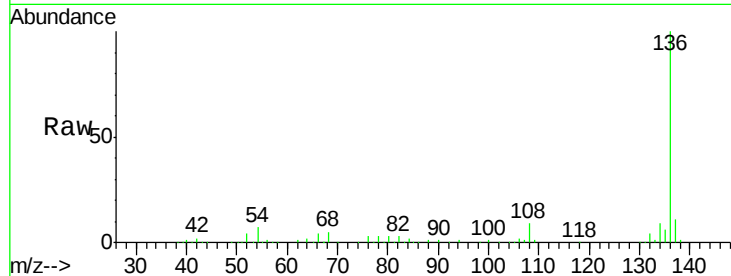
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.92 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF078958.D
Acq: 6 May 2015 14:11

Instrument :
BNA_F
ClientSampleId :
SB-46D

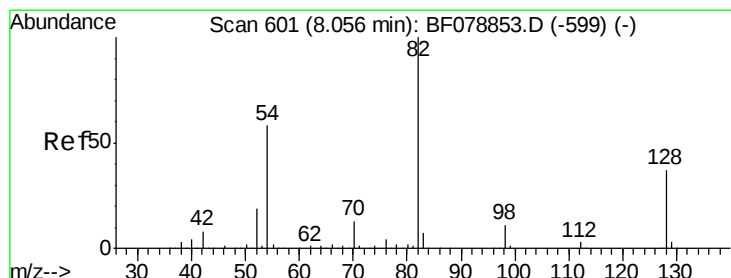
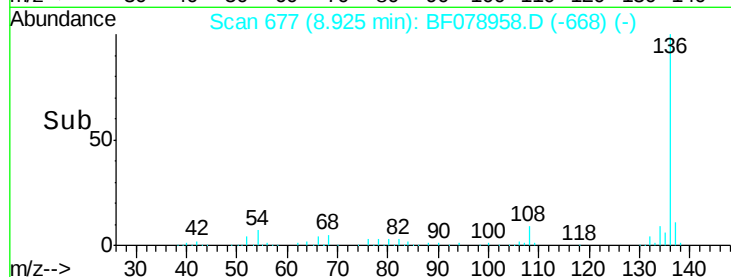
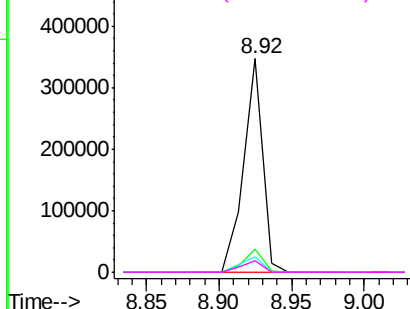
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.5	8.7	13.1	
54	6.9	5.8	8.8	
68	5.1	4.2	6.4	

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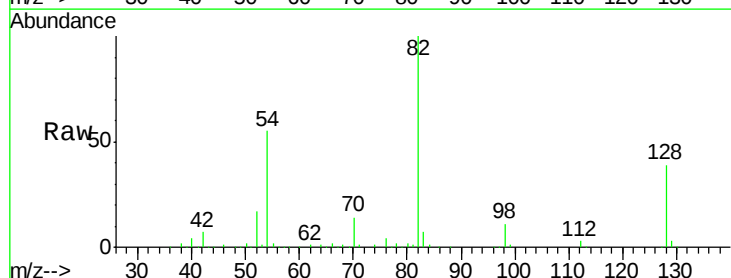


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

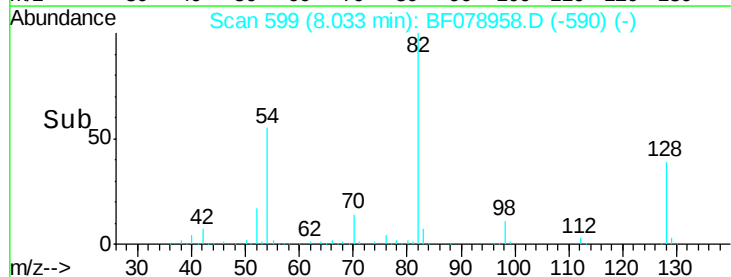
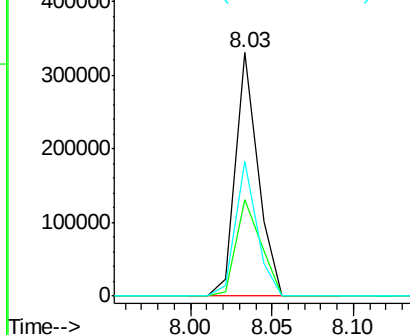


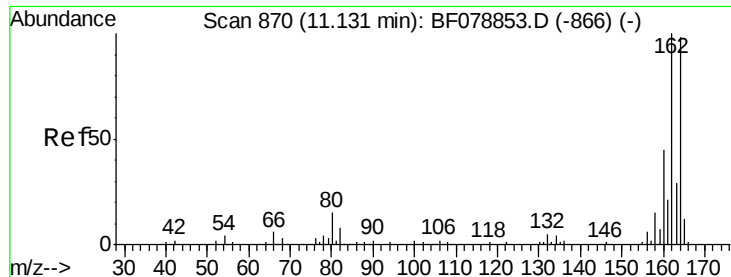
#23
Nitrobenzene-d5
Concen: 56.90 ng
RT: 8.03 min Scan# 599
Delta R.T. 0.00 min
Lab File: BF078958.D
Acq: 6 May 2015 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	39.4	30.0	45.0	
54	55.3	46.4	69.6	



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.10 min Scan# 867

Delta R.T. 0.00 min

Lab File: BF078958.D

Acq: 6 May 2015 14:11

Instrument :

BNA_F

ClientSampleId :

SB-46D

Tot Ion:164 Resp: 147118

Ion Ratio Lower Upper

164 100

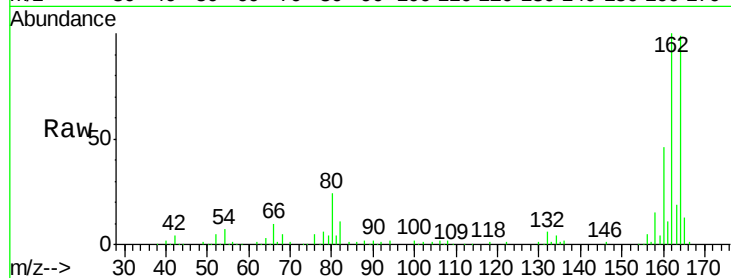
162 101.0 82.7 124.1

160 46.1 35.8 53.8

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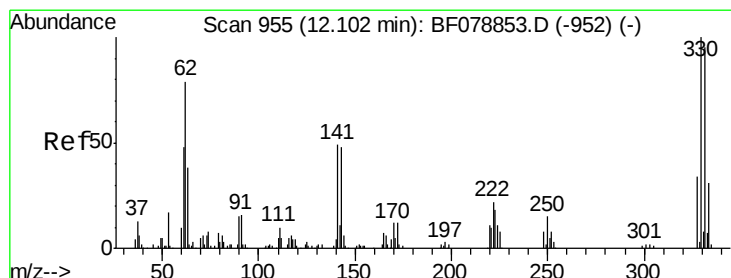
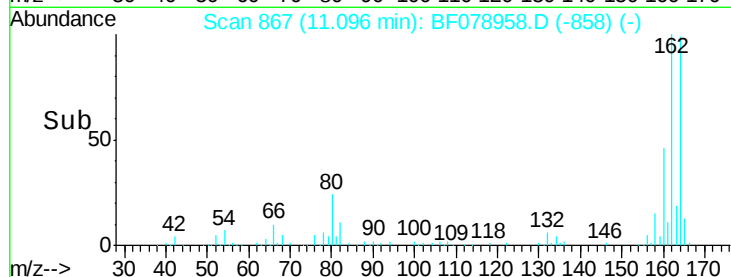
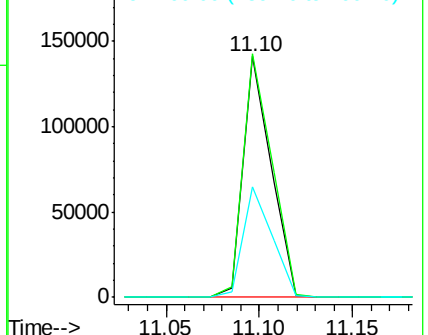
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 100.78 ng

RT: 12.08 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF078958.D

Acq: 6 May 2015 14:11

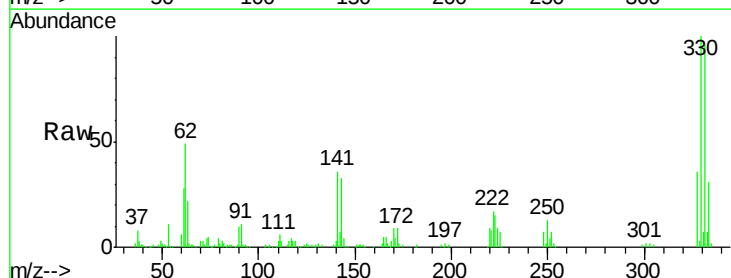
Tgt Ion:330 Resp: 160402

Ion Ratio Lower Upper

330 100

332 96.3 0.0 0.0#

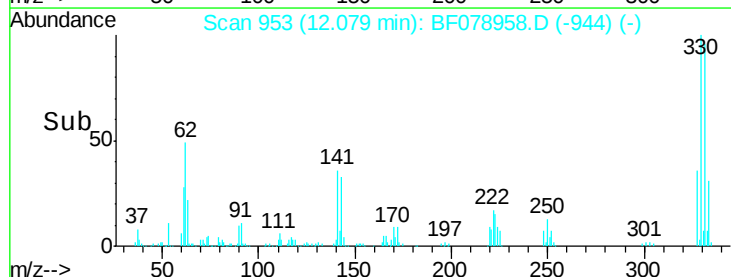
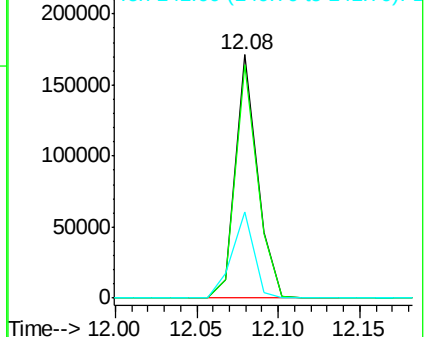
141 35.2 0.0 0.0#



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





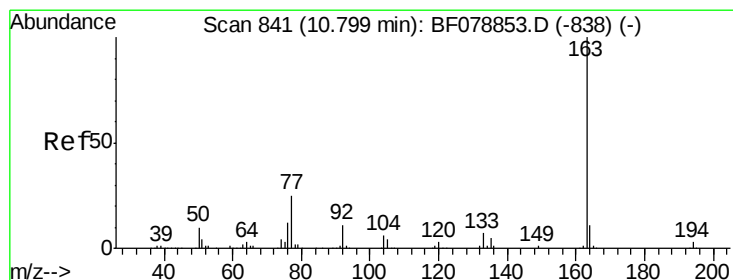
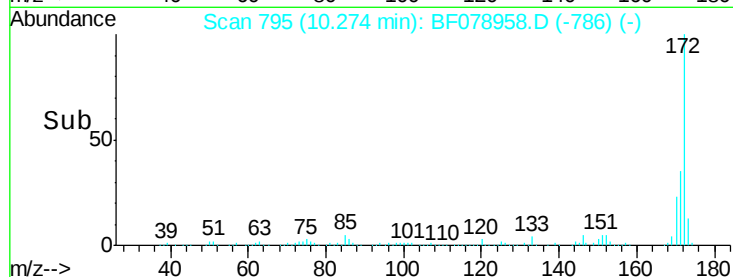
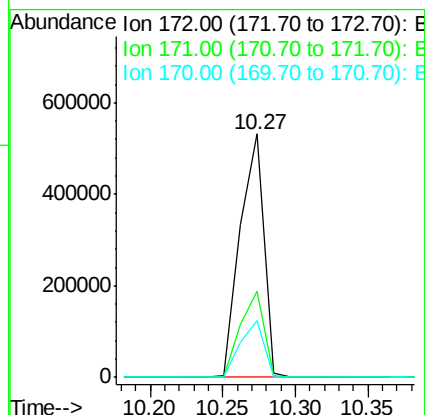
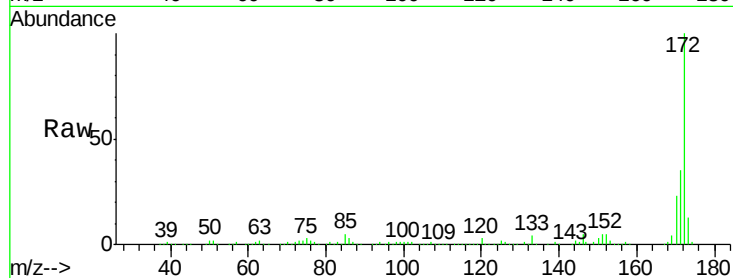
#44
2-Fluorobiphenyl
Concen: 57.23 ng
RT: 10.27 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF078958.D
Acq: 6 May 2015 14:11

Instrument :
BNA_F
ClientSampleId :
SB-46D

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.9	41.9
170	23.4	19.4	29.0

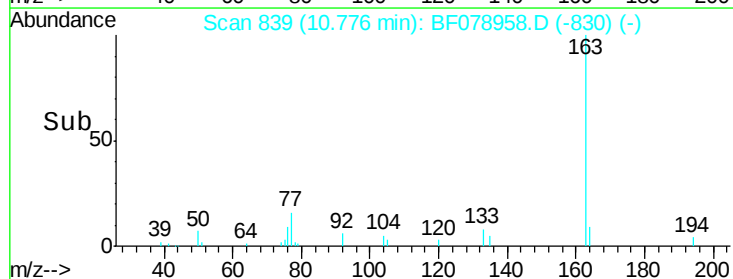
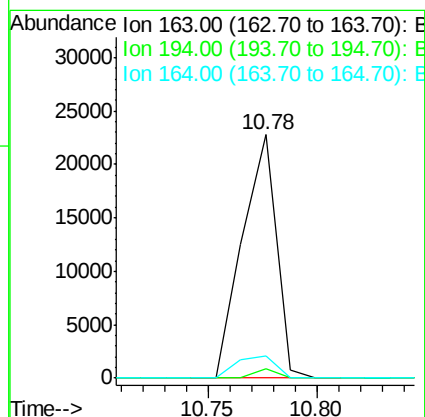
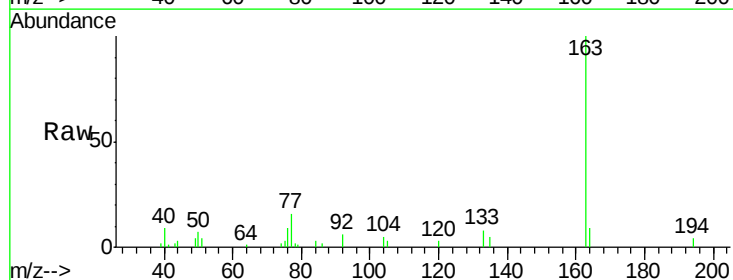
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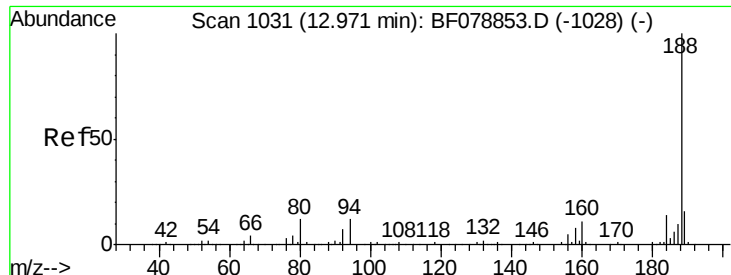
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#49
Dimethylphthalate
Concen: 2.29 ng
RT: 10.78 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF078958.D
Acq: 6 May 2015 14:11

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.6	4.0
164	9.1	8.1	12.1





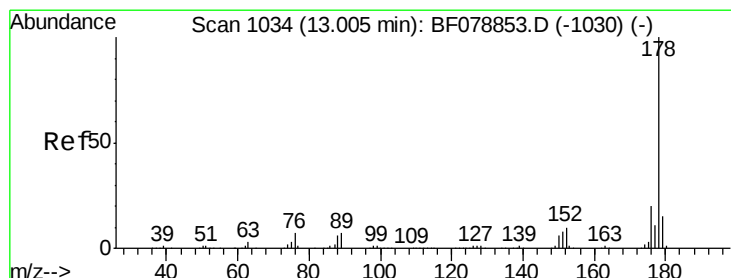
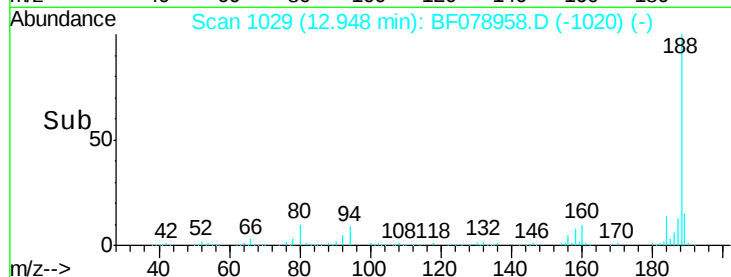
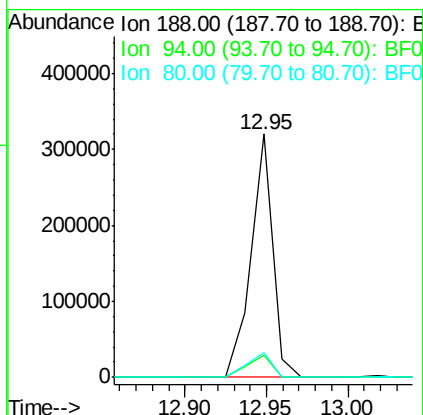
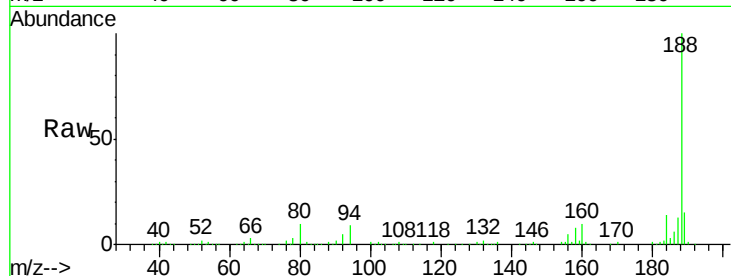
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.95 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF078958.D
Acq: 6 May 2015 14:11

Instrument :
BNA_F
ClientSampleId :
SB-46D

Tot Ion:	188	Resp:	295763
Ion Ratio	Lower	Upper	
188	100		
94	9.2	8.2	12.2
80	10.0	8.9	13.3

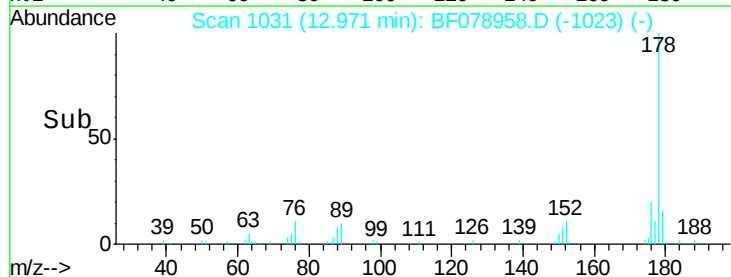
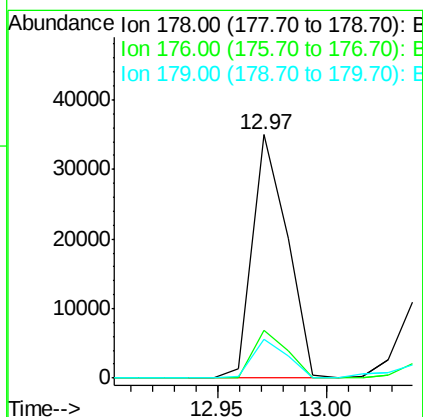
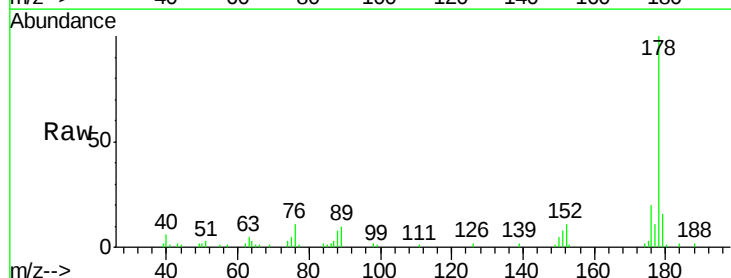
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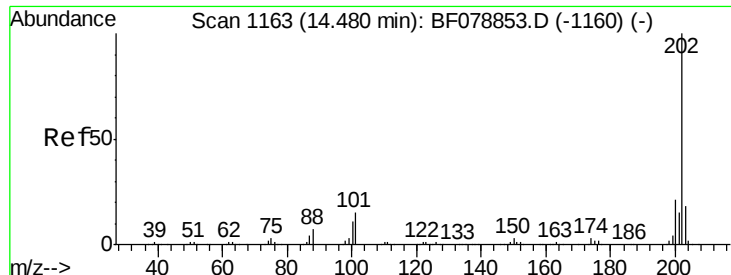
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#70
Phenanthrene
Concen: 2.36 ng
RT: 12.97 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF078958.D
Acq: 6 May 2015 14:11

Tgt Ion:	178	Resp:	39046
Ion Ratio	Lower	Upper	
178	100		
176	19.6	15.8	23.8
179	15.9	12.5	18.7





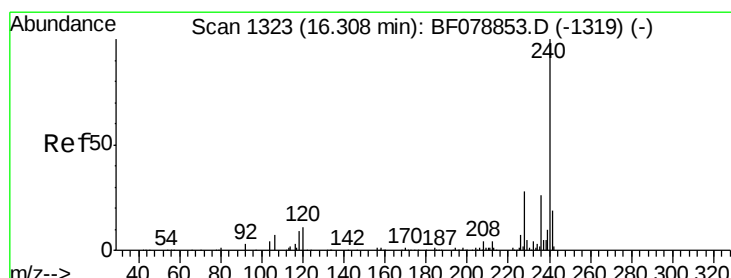
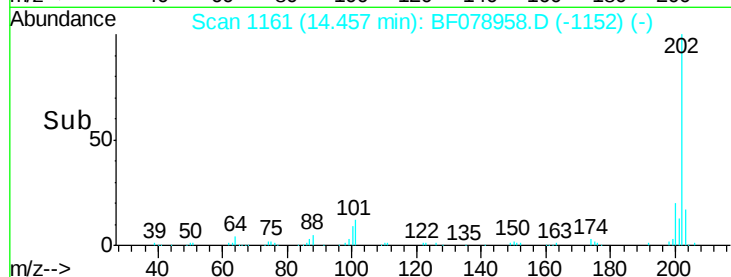
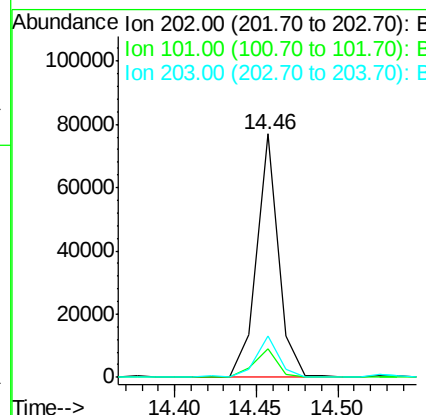
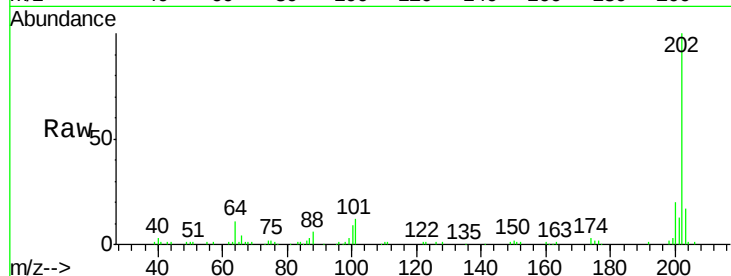
#74
Fluoranthene
Concen: 4.17 ng
RT: 14.46 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF078958.D
Acq: 6 May 2015 14:11

Instrument :
BNA_F
ClientSampled :
SB-46D

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.7	0.0	34.6
203	17.1	0.0	38.4

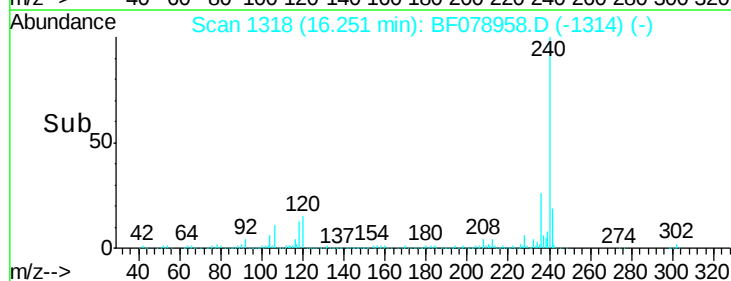
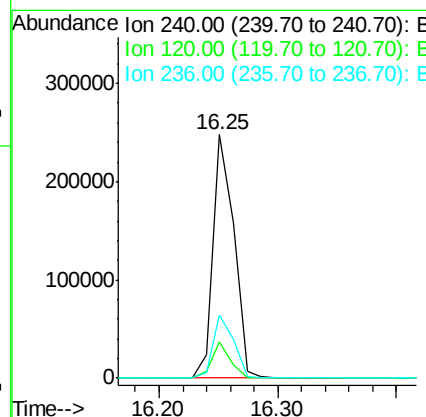
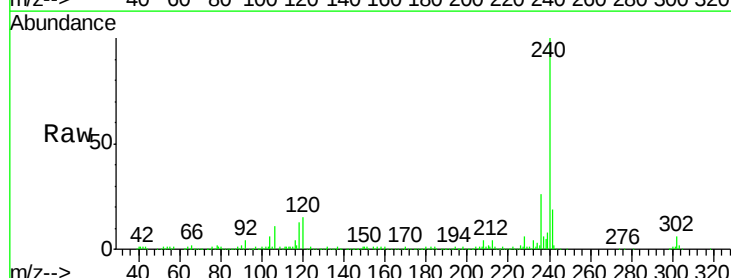
Manual Integrations
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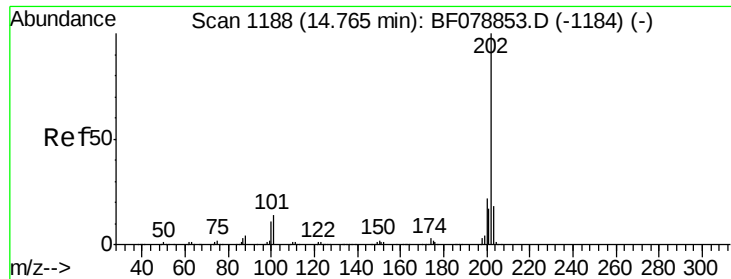
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.25 min Scan# 1318
Delta R.T. -0.06 min
Lab File: BF078958.D
Acq: 6 May 2015 14:11

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.9	9.7	14.5#
236	25.8	20.2	30.4





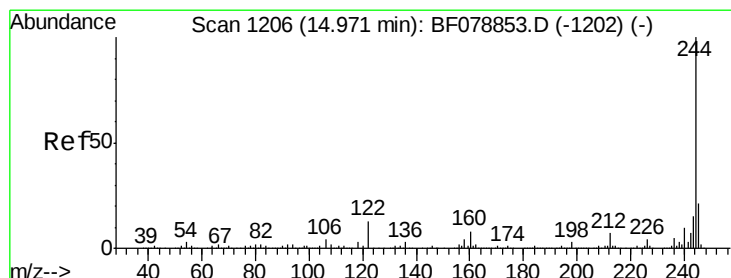
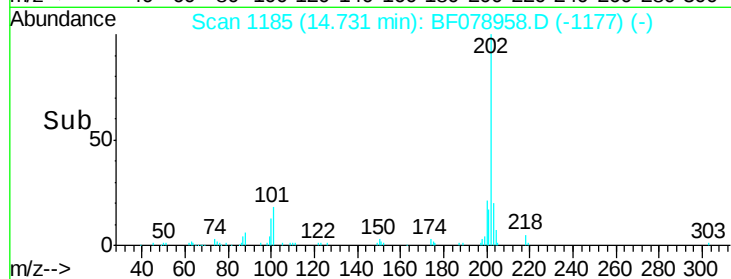
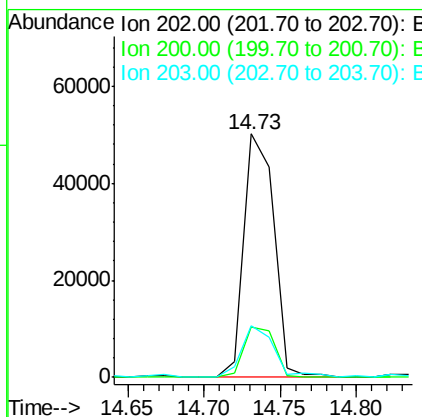
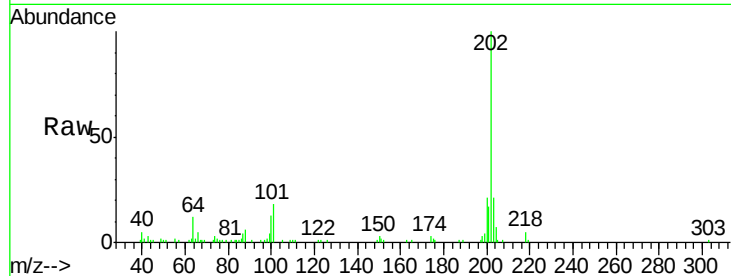
#77
Pvrene
Concen: 3.92 ng/mL
RT: 14.73 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF078958.D
Acq: 6 May 2015 14:11

Instrument :
BNA_F
ClientSampleId :
SB-46D

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.5	26.3
203	21.2	13.9	20.9

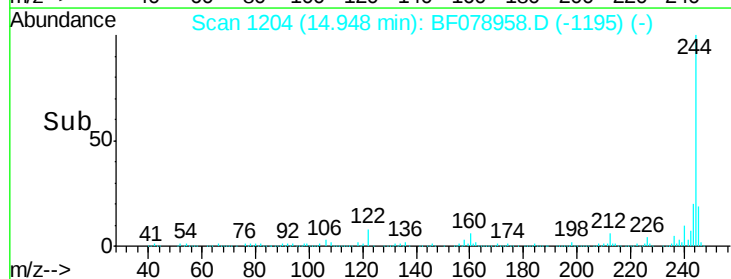
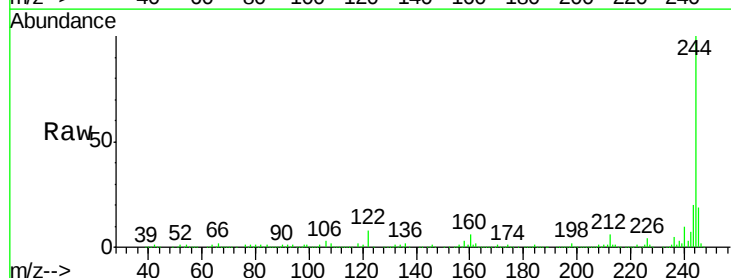
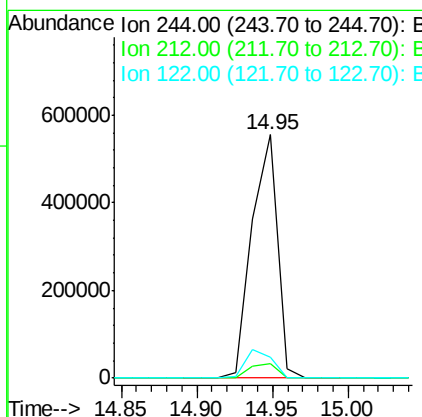
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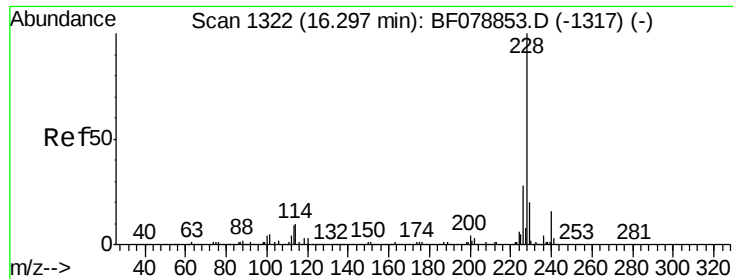
apatel
5/7/2015 1:57:01 PM



#78
Terphenyl-d14
Concen: 51.66 ng/mL
RT: 14.95 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BF078958.D
Acq: 6 May 2015 14:11

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.0	5.6	8.4
122	8.4	10.3	15.5





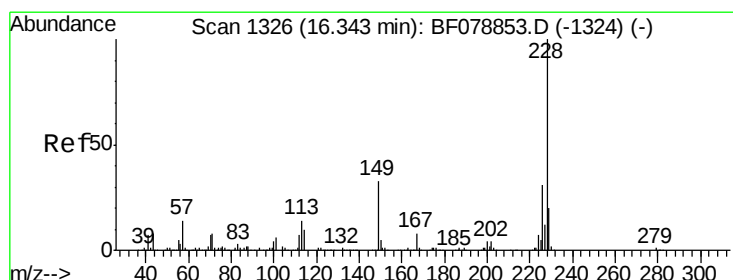
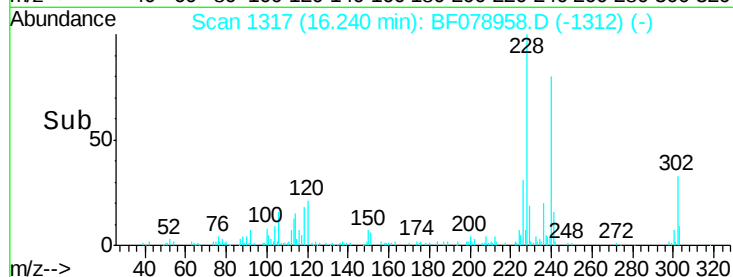
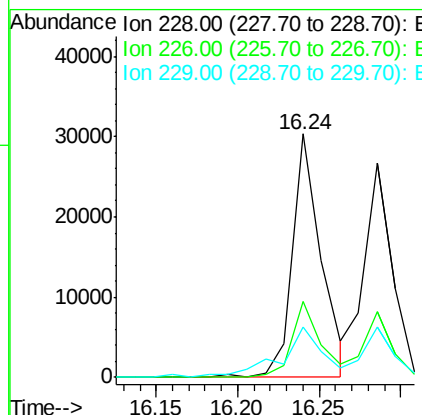
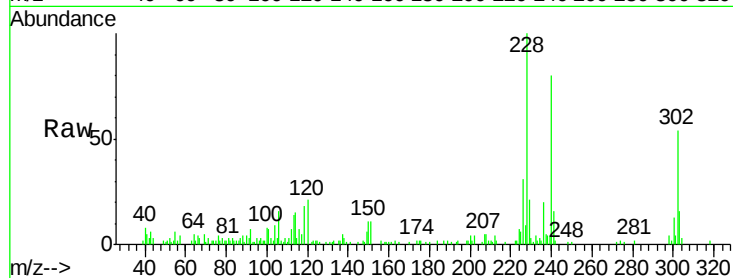
#80
Benzo(a)anthracene
Concen: 2.25 ng
RT: 16.24 min Scan# 1317
Delta R.T. -0.05 min
Lab File: BF078958.D
Acq: 6 May 2015 14:11

Instrument :
BNA_F
ClientSampleId :
SB-46D

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	30.9		22.6	33.8	
229	20.8		15.9	23.9	

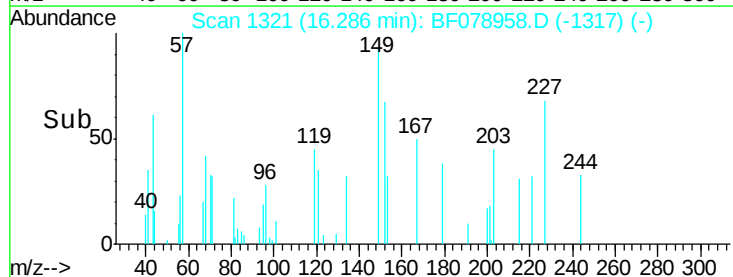
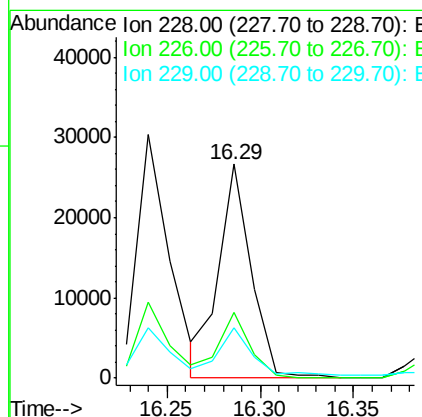
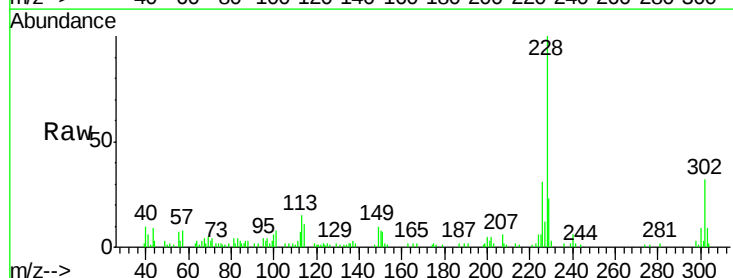
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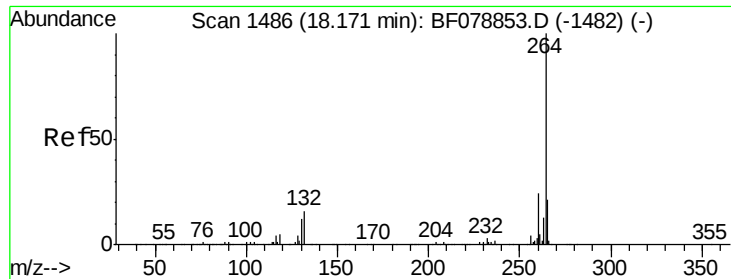
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#82
Chrysene
Concen: 2.02 ng
RT: 16.29 min Scan# 1321
Delta R.T. -0.06 min
Lab File: BF078958.D
Acq: 6 May 2015 14:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	30.5		24.9	37.3	
229	23.3		16.0	24.0	





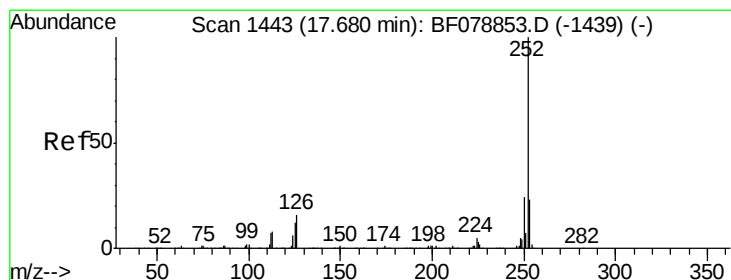
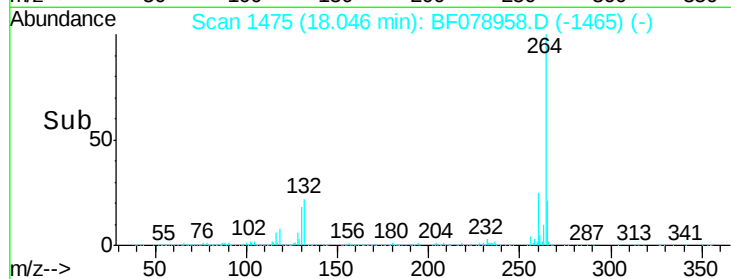
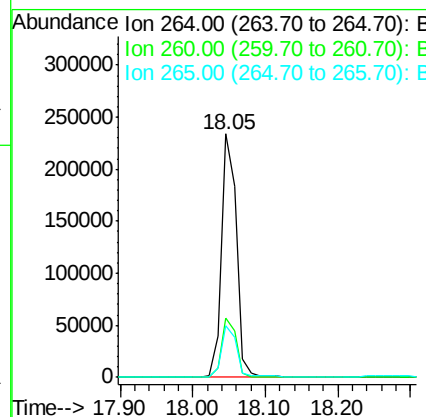
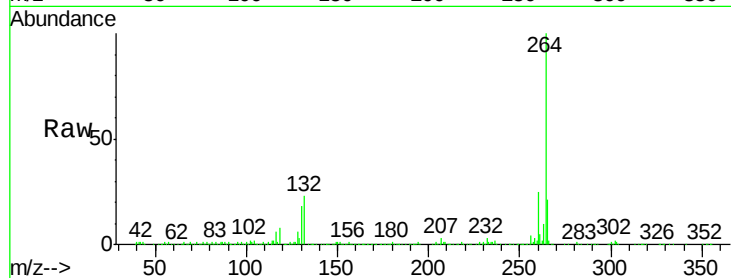
#86
Pervlene-d12
Concen: 20.00 ng
RT: 18.05 min Scan# 1475
Delta R.T. -0.18 min
Lab File: BF078958.D
Acq: 6 May 2015 14:11

Instrument :
BNA_F
ClientSampleId :
SB-46D

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	21.4	18.3	27.5

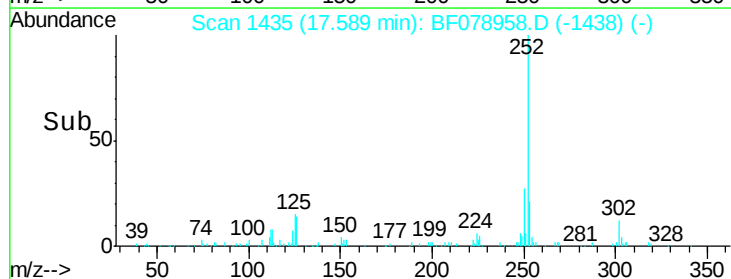
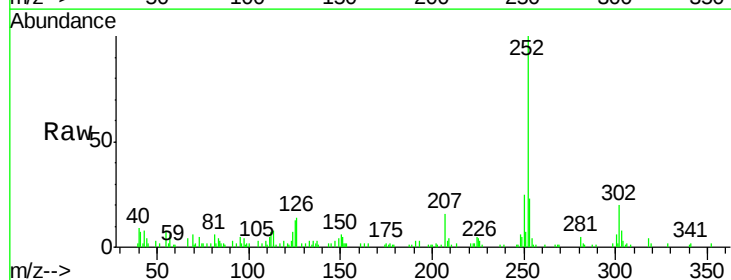
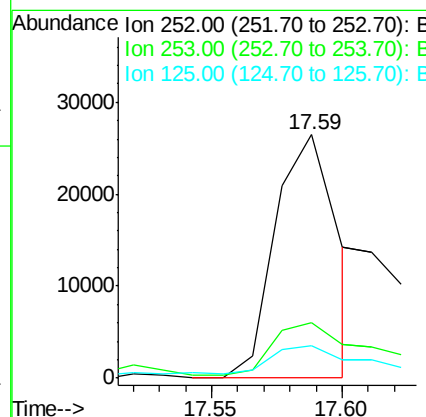
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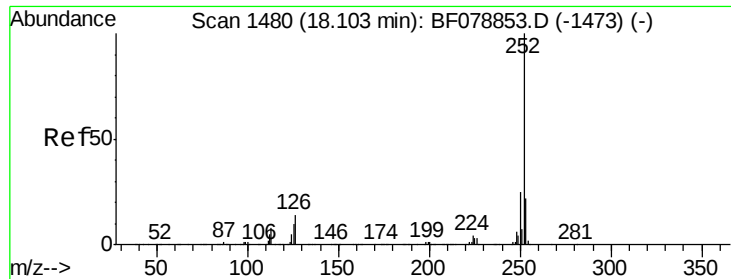
apatel
5/7/2015 1:57:01 PM



#87
Benzo(b)fluoranthene
Concen: 2.39 ng
RT: 17.59 min Scan# 1435
Delta R.T. -0.14 min
Lab File: BF078958.D
Acq: 6 May 2015 14:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.7	26.5
125	13.5	9.5	14.3





#89
 Benzo(a)pyrene
 Concen: 2.18 ng
 RT: 17.98 min Scan# 1469
 Delta R.T. -0.17 min
 Lab File: BF078958.D
 Acq: 6 May 2015 14:11

Instrument :
 BNA_F
 ClientSampleId :
 SB-46D

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.3	25.9
125	14.3	7.0	10.6

Manual Integrations
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apatel
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