

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062515\
 Data File : BF080181.D
 Acq On : 25 Jun 2015 23:57
 Operator : TP/IZ
 Sample : G2775-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MM1A

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Quant Time: Jun 26 03:26:22 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 26 01:01:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	31421	20.00	ng	0.00
21) Naphthalene-d8	8.58	136	124013	20.00	ng	0.00
38) Acenaphthene-d10	10.36	164	67025	20.00	ng	0.00
63) Phenanthrene-d10	11.86	188	134565	20.00	ng	0.00
75) Chrysene-d12	14.83	240	137450	20.00	ng	0.00
86) Perylene-d12	16.70	264	129177	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	277355	156.25	ng	0.00
7) Phenol-d6	6.89	99	359348	152.13	ng	-0.01
23) Nitrobenzene-d5	7.85	82	230692	108.30	ng	0.00
41) 2,4,6-Tribromophenol	11.16	330	99353	151.59	ng	0.00
44) 2-Fluorobiphenyl	9.66	172	418421	89.03	ng	-0.01
78) Terphenyl-d14	13.56	244	527442	89.62	ng	0.01
Target Compounds						
49) Dimethylphthalate	10.05	163	88166	17.50	ng	Qvalue # 97
70) Phenanthrene	11.89	178	80957	9.94	ng	98
74) Fluoranthene	13.15	202	91451	10.54	ng	92
77) Pyrene	13.41	202	89481	10.57	ng	97
80) Benzo(a)anthracene	14.81	228	33384	3.99	ng	95
82) Chrysene	14.86	228	35214m	4.56	ng	
85) Indeno(1,2,3-cd)pyrene	18.52	276	21524	2.21	ng	# 84
87) Benzo(b)fluoranthene	16.16	252	38012m	4.86	ng	
89) Benzo(a)pyrene	16.62	252	29406	3.96	ng	# 84
91) Benzo(g,h,i)perylene	19.07	276	20355	2.65	ng	# 80

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

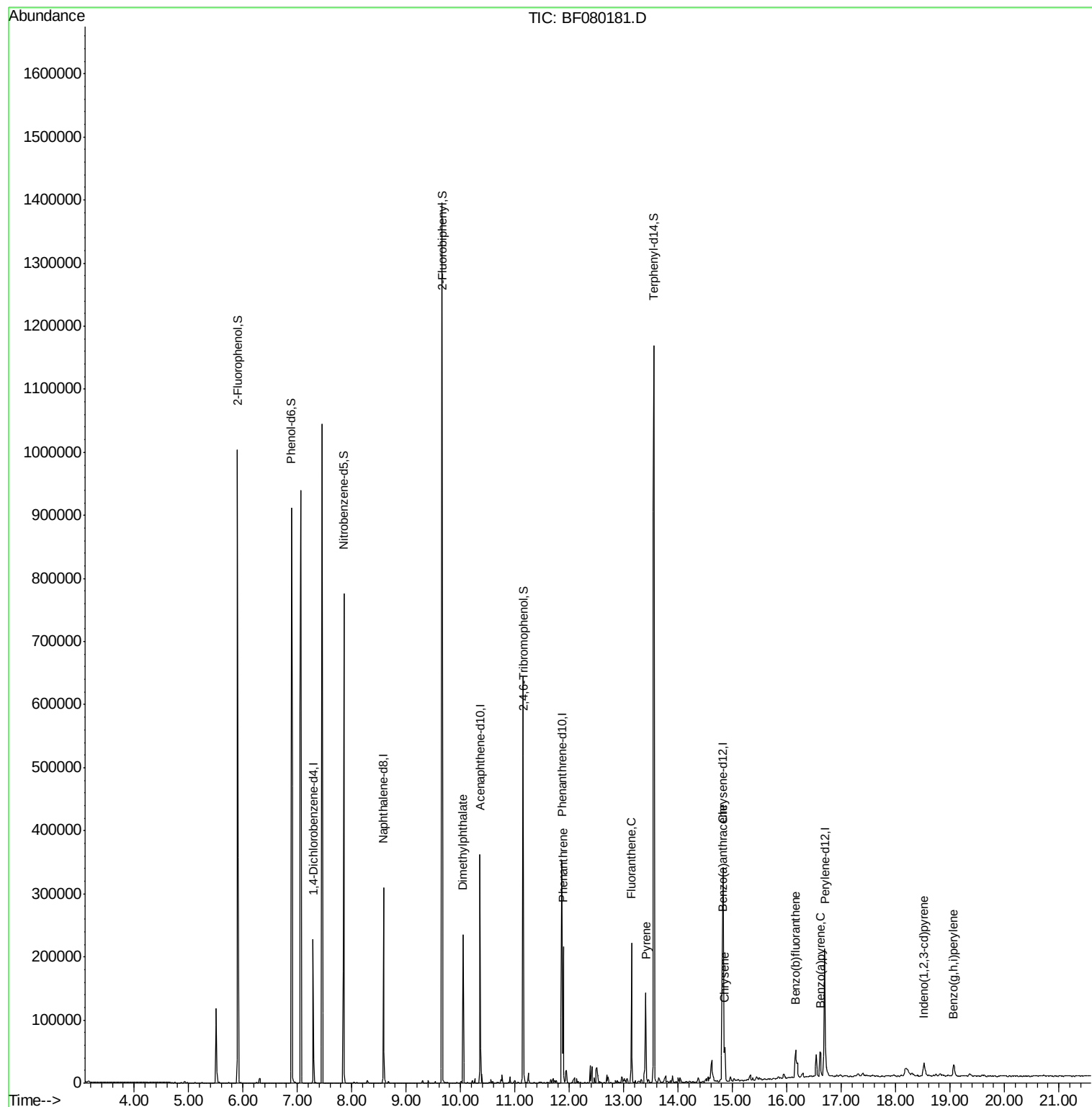
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062515\
Data File : BF080181.D
Acq On : 25 Jun 2015 23:57
Operator : TP/IZ
Sample : G2775-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

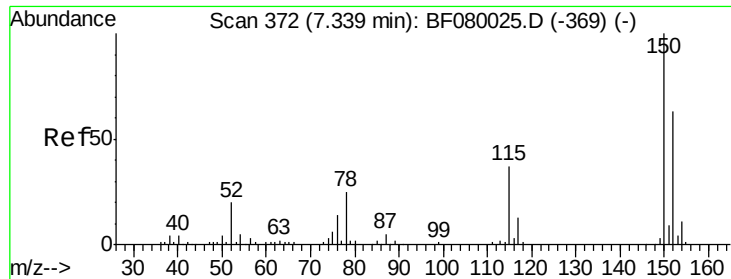
Instrument :
BNA_F
ClientSampleId :
MM1A

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Quant Time: Jun 26 03:26:22 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 26 01:01:50 2015
Response via : Initial Calibration





#1

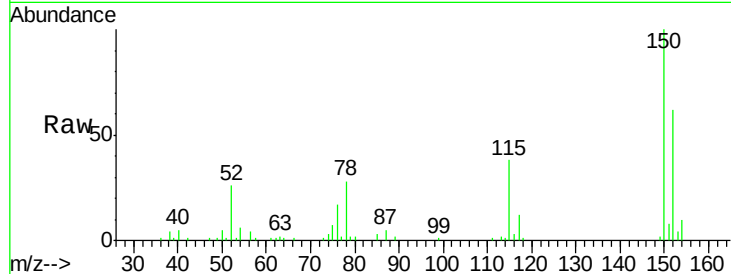
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 368
Delta R.T. 0.00 min
Lab File: BF080181.D
Acq: 25 Jun 2015 23:57

Instrument :
BNA_F
ClientSampleId :
MM1A

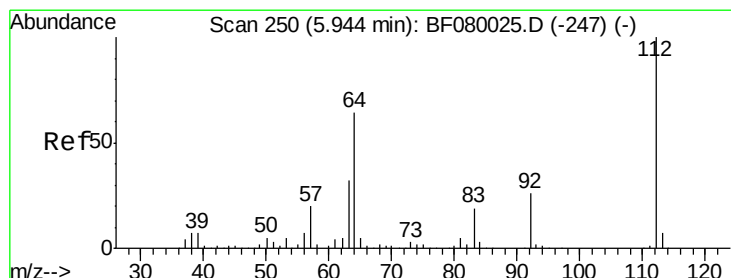
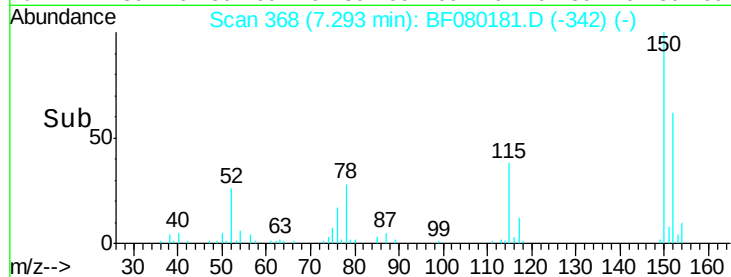
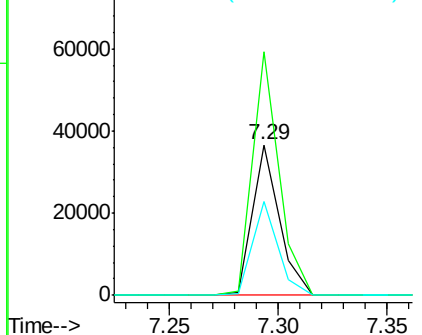
Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.1	124.7	187.1
115	62.3	39.0	58.4

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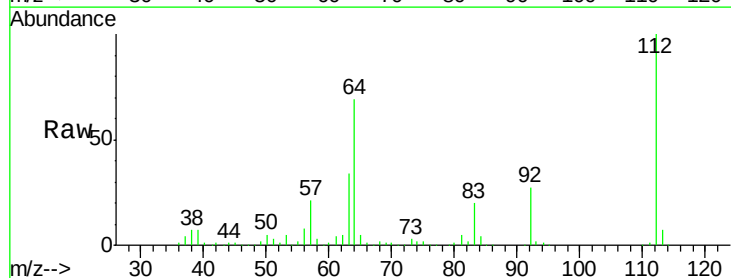
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



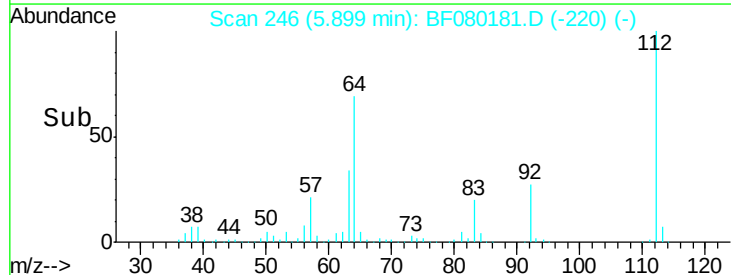
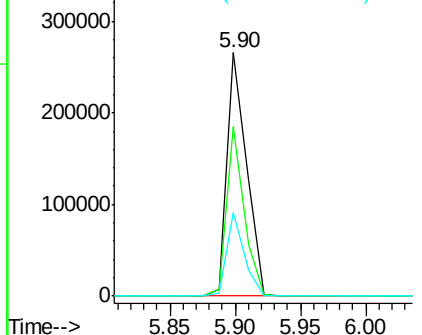
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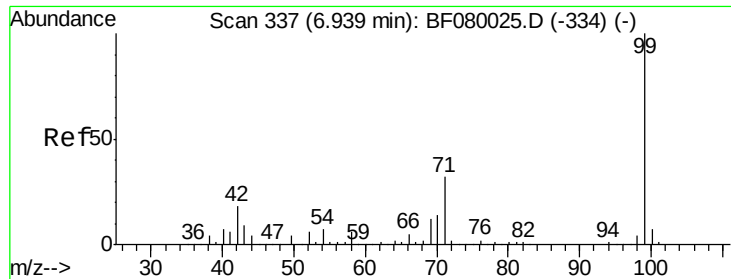
2-Fluorophenol
Concen: 156.25 ng
RT: 5.90 min Scan# 246
Delta R.T. 0.00 min
Lab File: BF080181.D
Acq: 25 Jun 2015 23:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.4	39.7	59.5
63	34.4	17.4	26.0



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: 152.13 ng

RT: 6.89 min Scan# 333

Delta R.T. -0.01 min

Lab File: BF080181.D

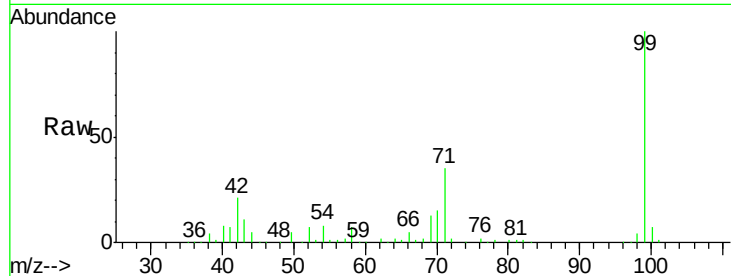
Acq: 25 Jun 2015 23:57

Instrument :

BNA_F

ClientSampleId :

MM1A



Tgt Ion: 99 Resp: 359348

Ion Ratio Lower Upper

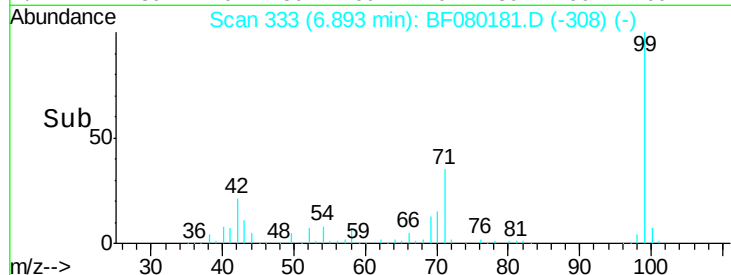
99 100

42 21.4 13.7 20.5#

71 34.5 14.2 21.2#

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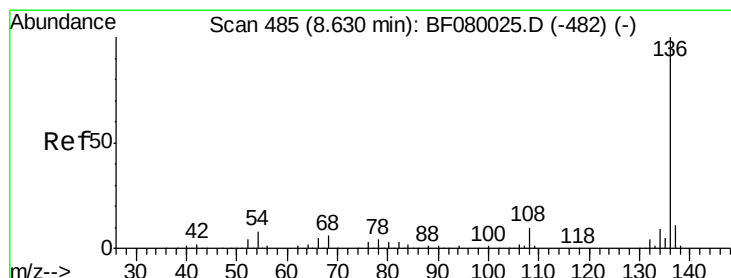
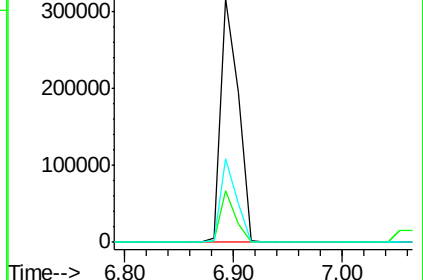
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Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 8.58 min Scan# 481

Delta R.T. 0.00 min

Lab File: BF080181.D

Acq: 25 Jun 2015 23:57

Tgt Ion: 136 Resp: 124013

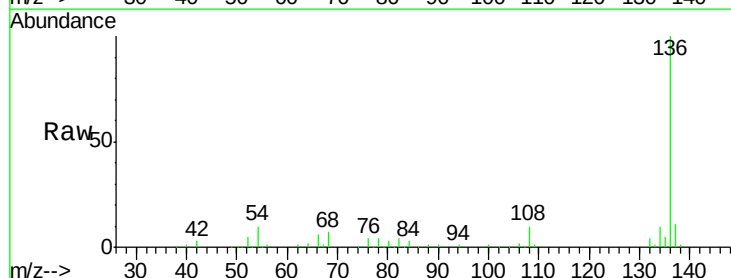
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 9.7 8.2 12.2

68 7.1 5.8 8.6

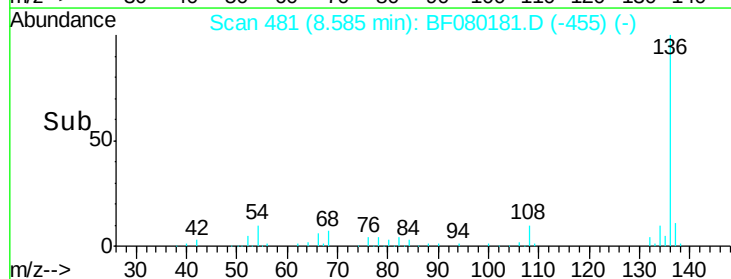
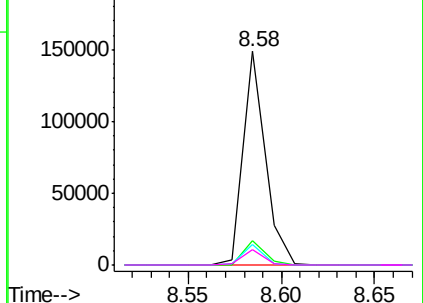


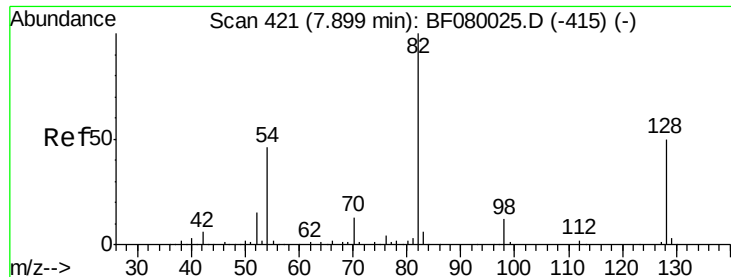
Abundance Ion 136.00 (135.70 to 136.70): E

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





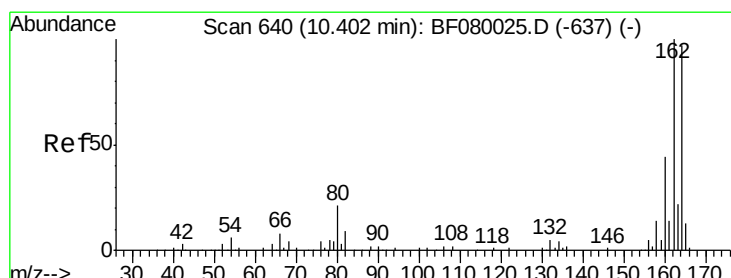
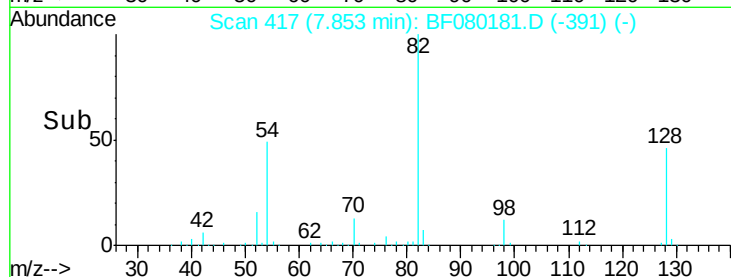
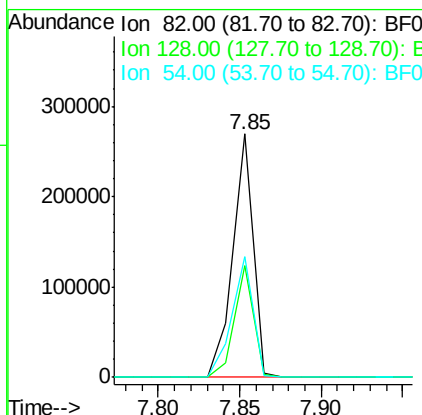
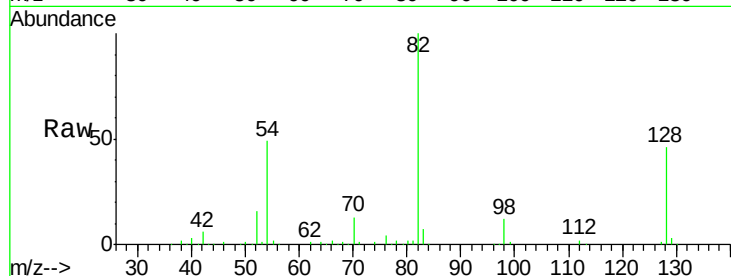
#23
 Nitrobenzene-d5
 Concen: 108.30 ng
 RT: 7.85 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: BF080181.D
 Acq: 25 Jun 2015 23:57

Instrument :
 BNA_F
 ClientSampled :
 MM1A

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.8	51.0	76.6#
54	49.4	47.5	71.3

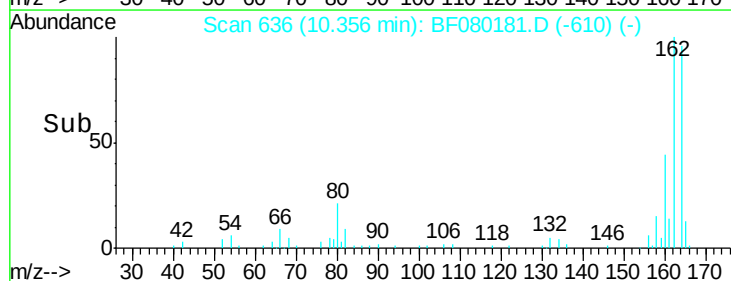
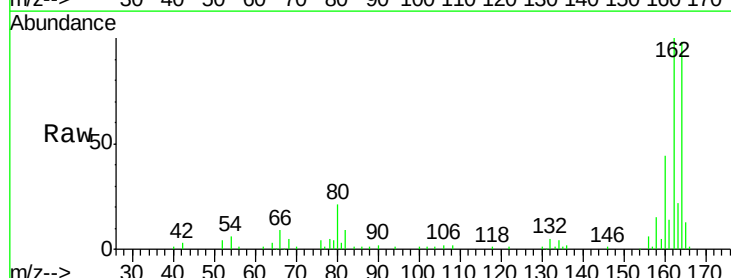
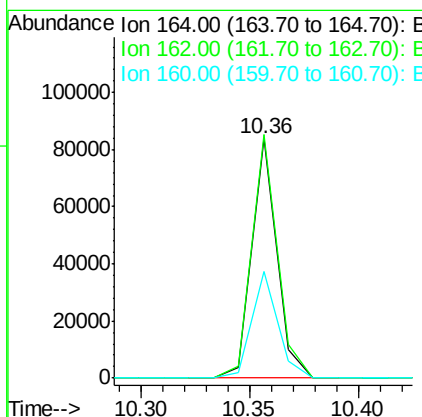
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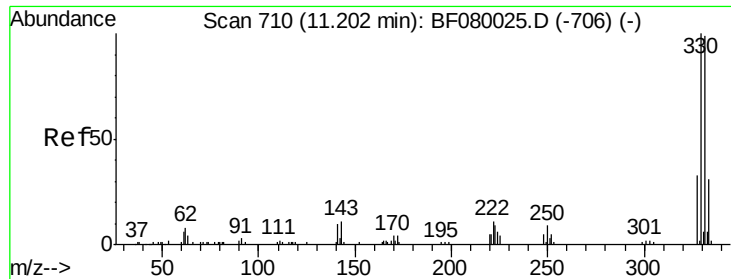
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.36 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF080181.D
 Acq: 25 Jun 2015 23:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	75.2	112.8
160	44.5	31.5	47.3





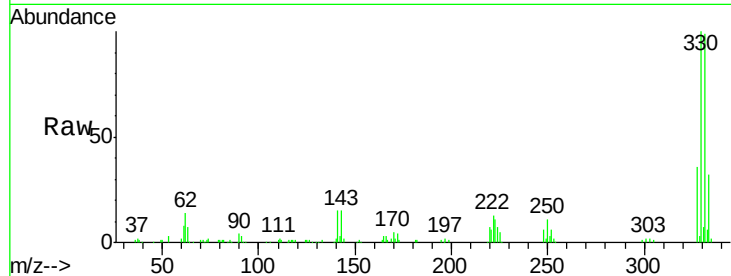
#41
 2,4,6-Tribromophenol
 Concen: 151.59 ng
 RT: 11.16 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: BF080181.D
 Acq: 25 Jun 2015 23:57

Instrument :
 BNA_F
 ClientSampled :
 MM1A

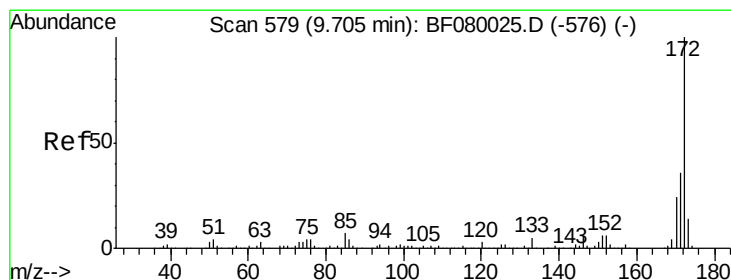
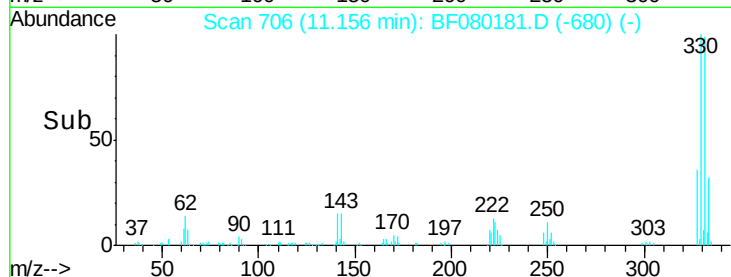
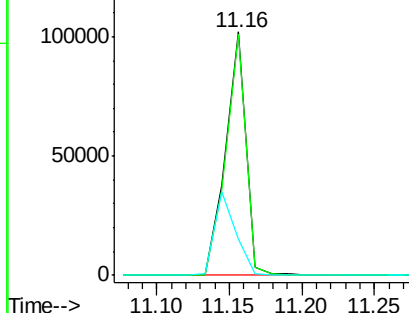
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	99353		
332	97.8	76.6	114.8	
141	35.1	29.7	44.5	

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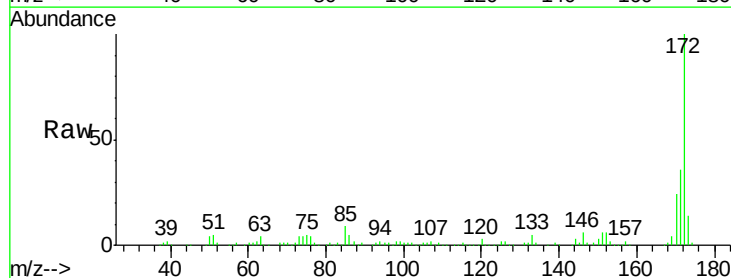


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

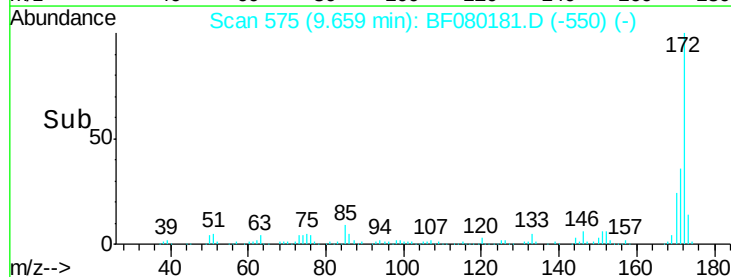
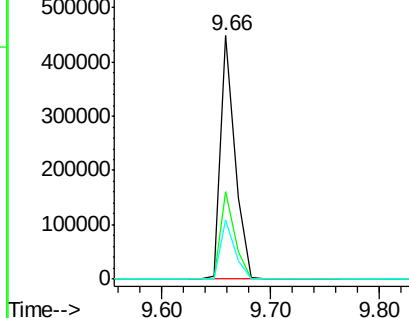


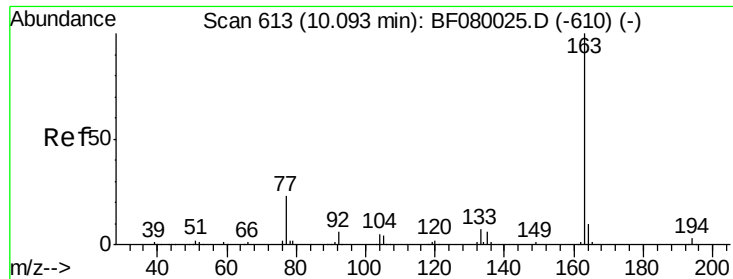
#44
 2-Fluorobiphenyl
 Concen: 89.03 ng
 RT: 9.66 min Scan# 575
 Delta R.T. -0.01 min
 Lab File: BF080181.D
 Acq: 25 Jun 2015 23:57

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	418421		
171	35.8	26.1	39.1	
170	24.4	17.4	26.2	



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





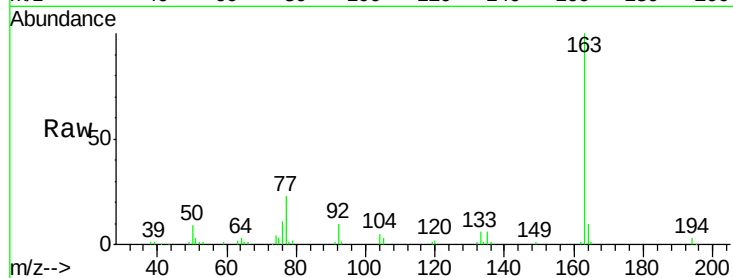
#49
Dimethylphthalate
Concen: 17.50 ng
RT: 10.05 min Scan# 609
Delta R.T. -0.01 min
Lab File: BF080181.D
Acq: 25 Jun 2015 23:57

Instrument :
BNA_F
ClientSampleId :
MM1A

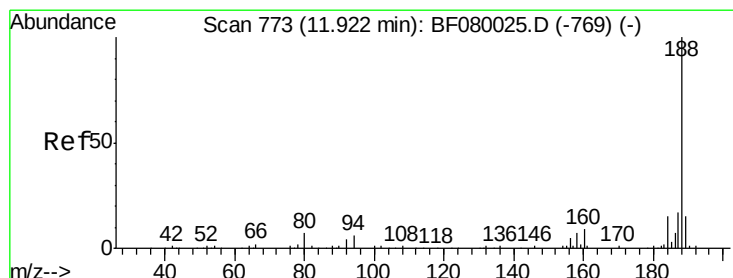
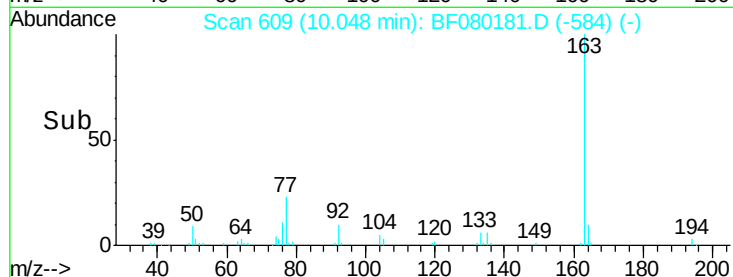
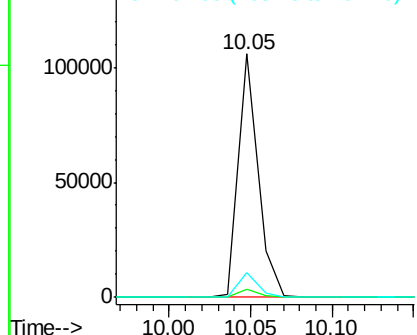
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.4	4.4	6.6#
164	10.0	8.3	12.5

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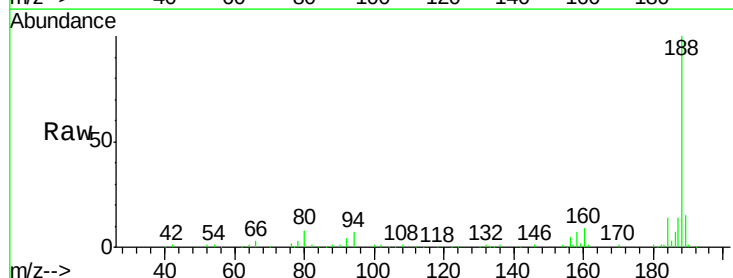


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

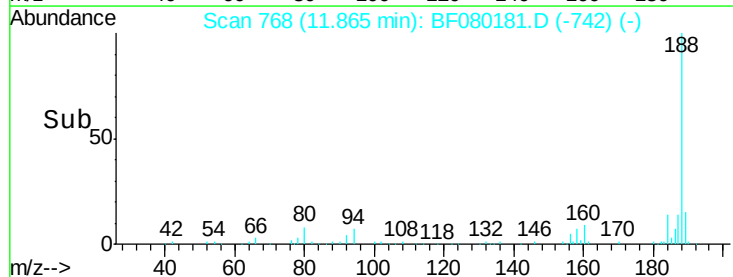
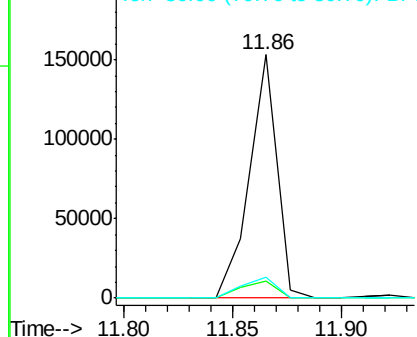


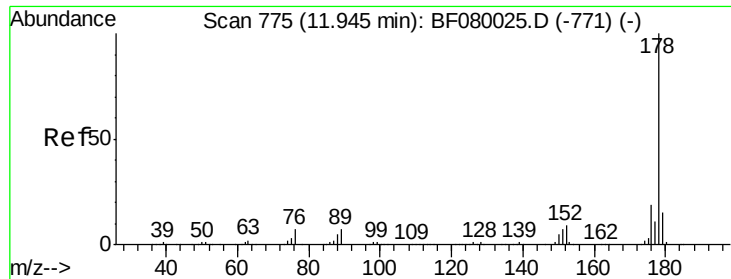
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.86 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF080181.D
Acq: 25 Jun 2015 23:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.2	11.1	16.7#
80	8.3	11.0	16.4#



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





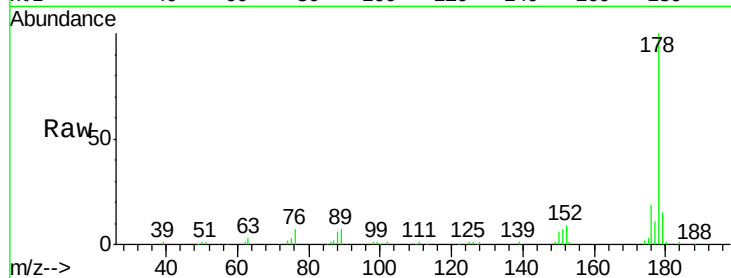
#70
Phenanthrene
Concen: 9.94 ng
RT: 11.89 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF080181.D
Acq: 25 Jun 2015 23:57

Instrument :
BNA_F
ClientSampled :
MM1A

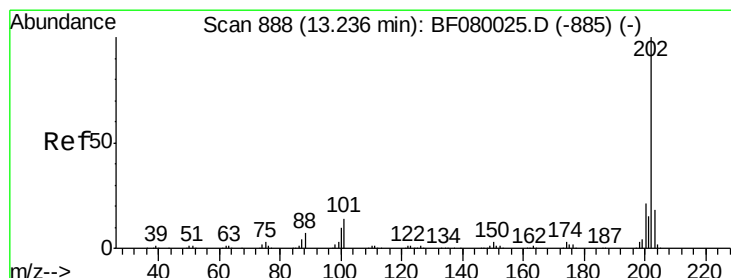
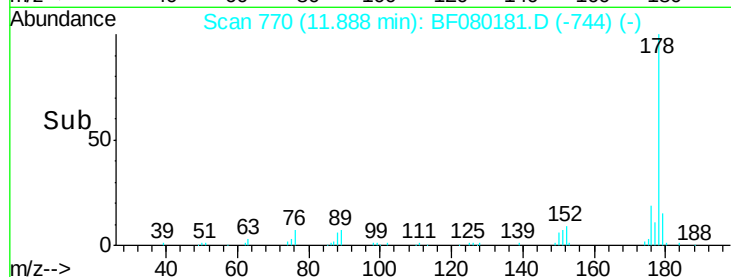
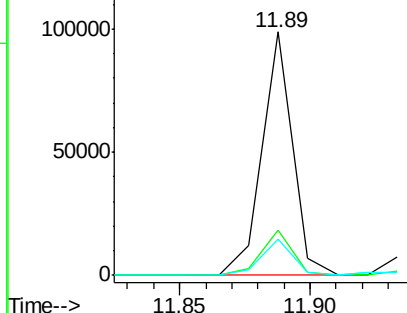
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	13.8	20.8
179	14.8	12.2	18.2

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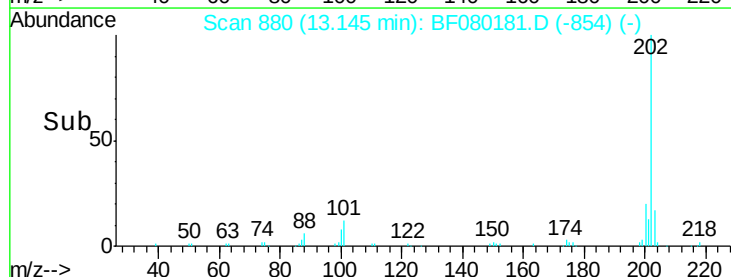
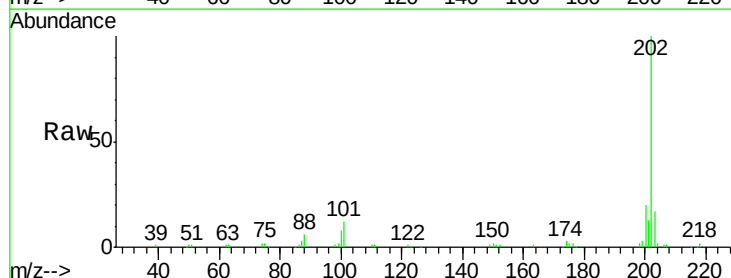
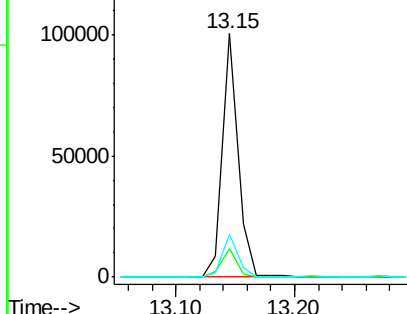
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

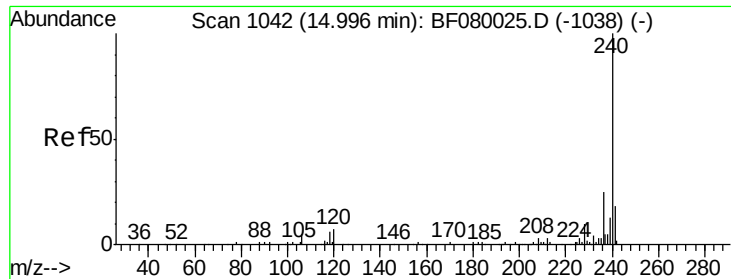


#74
Fluoranthene
Concen: 10.54 ng
RT: 13.15 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF080181.D
Acq: 25 Jun 2015 23:57

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	38.3
203	17.4	0.0	37.3

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: 14.83 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BF080181.D

Acq: 25 Jun 2015 23:57

Instrument :

BNA_F

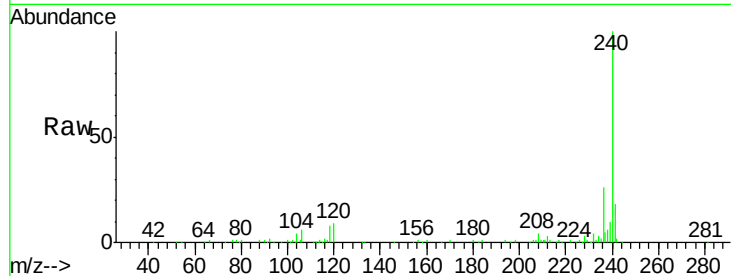
ClientSampleId :

MM1A

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	137450		
120	8.7	16.2	24.2#	
236	25.6	18.4	27.6	

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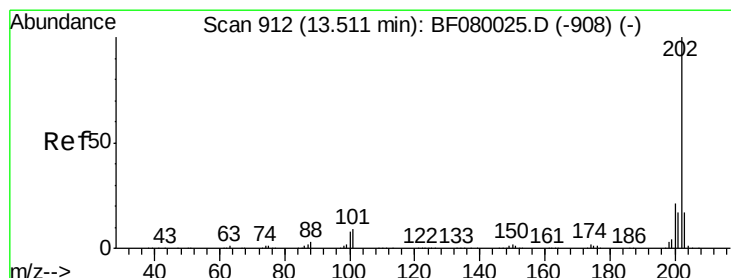
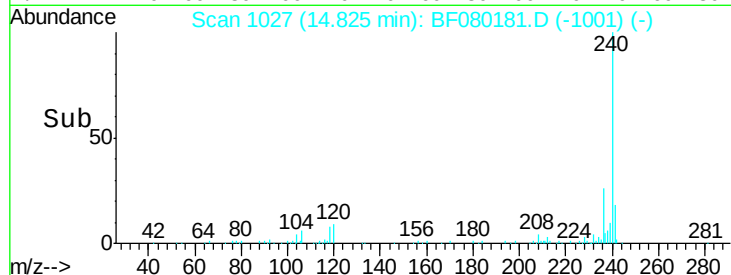
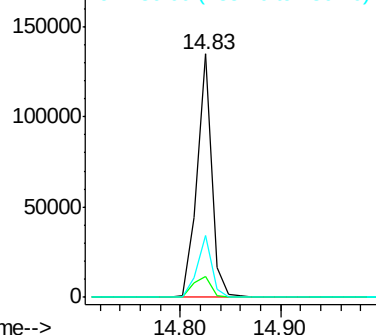
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 10.57 ng

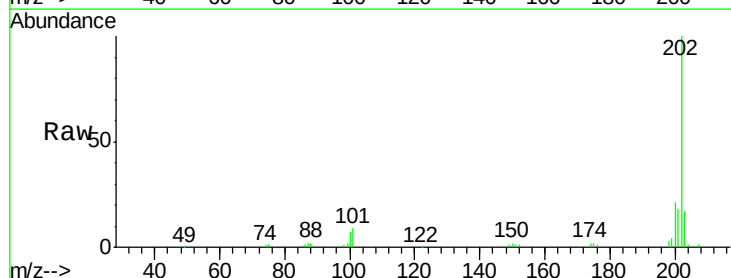
RT: 13.41 min Scan# 903

Delta R.T. 0.01 min

Lab File: BF080181.D

Acq: 25 Jun 2015 23:57

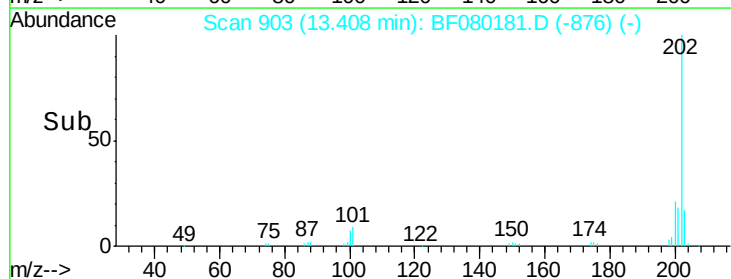
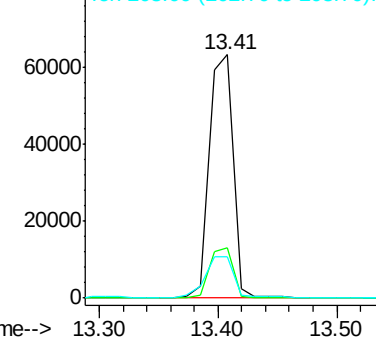
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	89481		
200	20.7	15.0	22.4	
203	16.7	14.1	21.1	

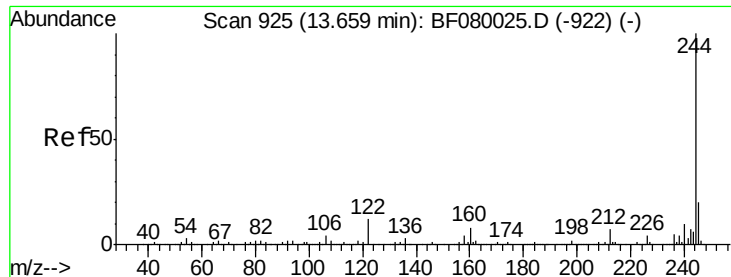


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





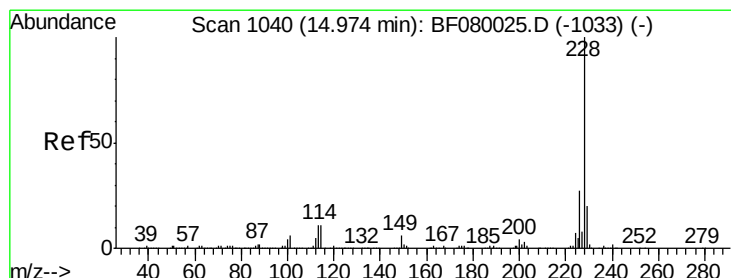
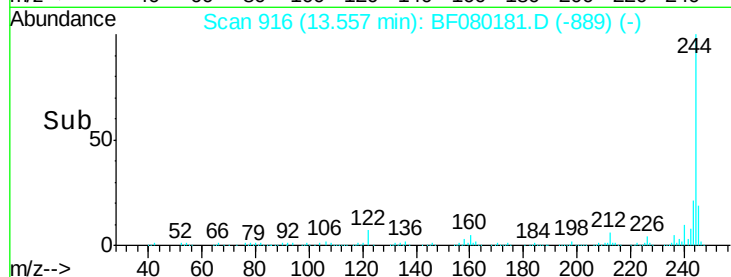
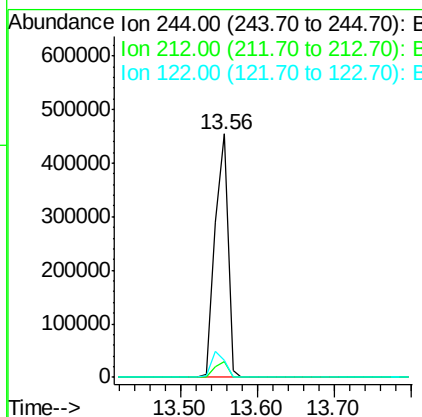
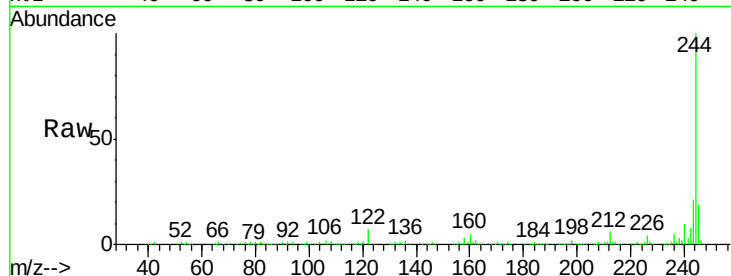
#78
 Terphenyl-d14
 Concen: 89.62 ng
 RT: 13.56 min Scan# 916
 Delta R.T. 0.01 min
 Lab File: BF080181.D
 Acq: 25 Jun 2015 23:57

Instrument :
 BNA_F
 ClientSampleId :
 MM1A

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.3	4.3	6.5
122	7.2	17.4	26.2

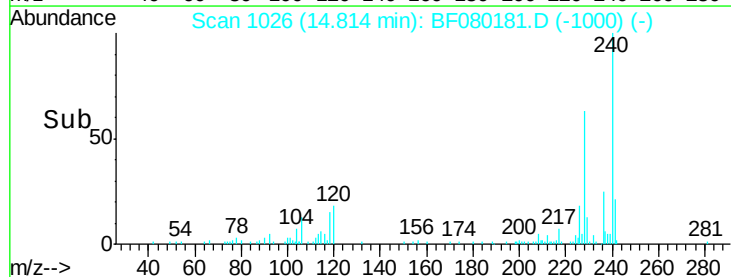
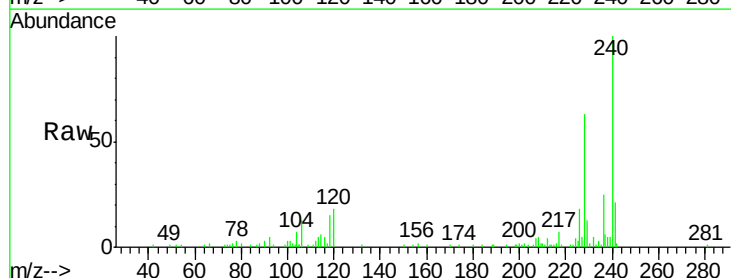
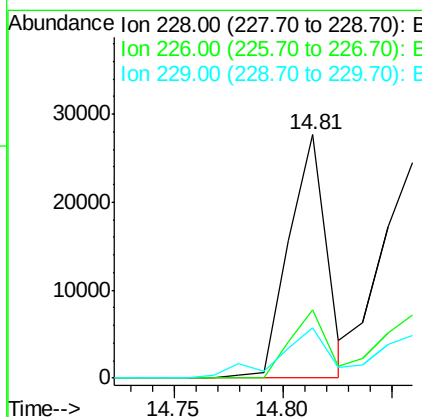
Manual Integrations
 APPROVED

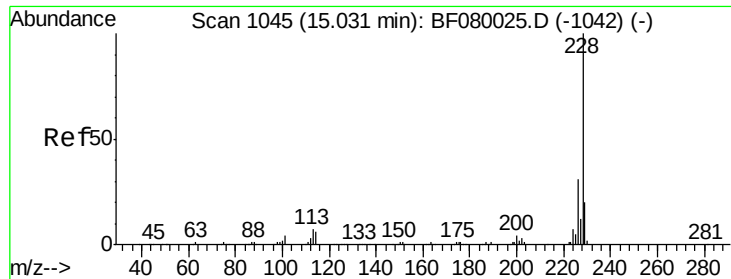
apatel
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#80
 Benzo(a)anthracene
 Concen: 3.99 ng
 RT: 14.81 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BF080181.D
 Acq: 25 Jun 2015 23:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	20.0	30.0
229	20.9	15.4	23.2





#82

Chrysene

Concen: 4.56 ng m

RT: 14.86 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF080181.D

Acq: 25 Jun 2015 23:57

Instrument :

BNA_F

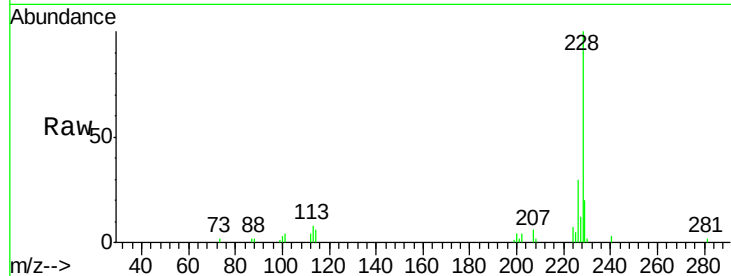
ClientSampled :

MM1A

Tgt Ion:	228	Resp:	35214
Ion Ratio	Lower	Upper	
228	100		
226	29.5	21.0	31.4
229	19.8	15.6	23.4

Manual Integrations
APPROVED

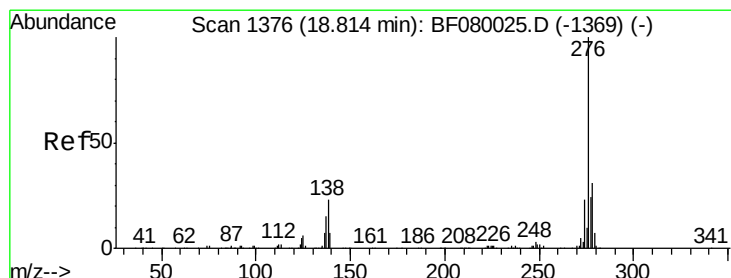
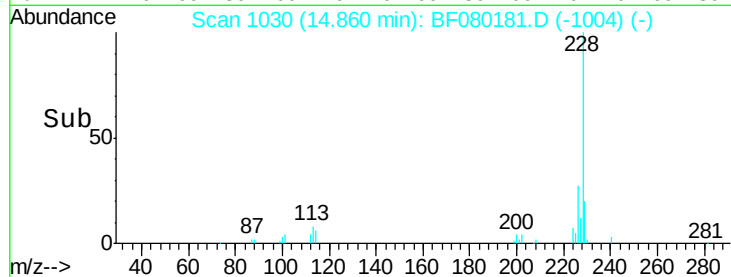
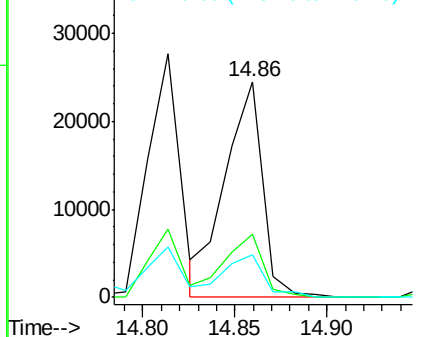
apatel
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 2.21 ng

RT: 18.52 min Scan# 1350

Delta R.T. -0.03 min

Lab File: BF080181.D

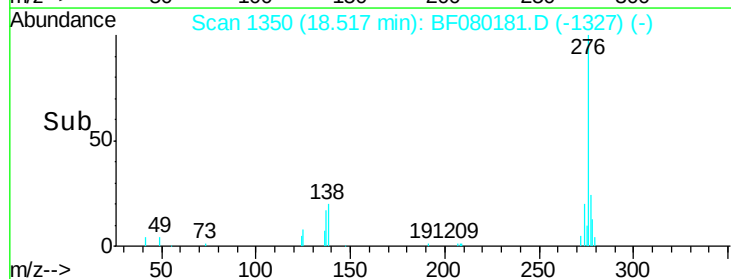
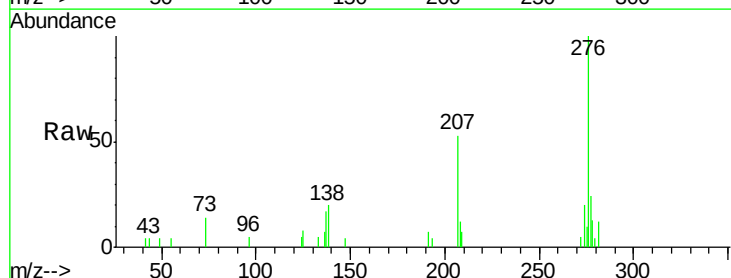
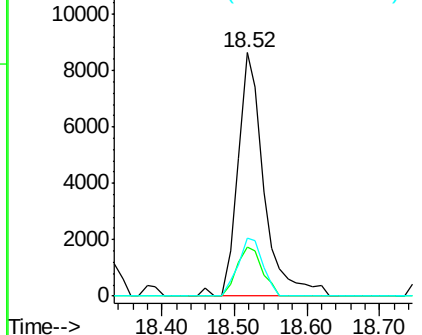
Acq: 25 Jun 2015 23:57

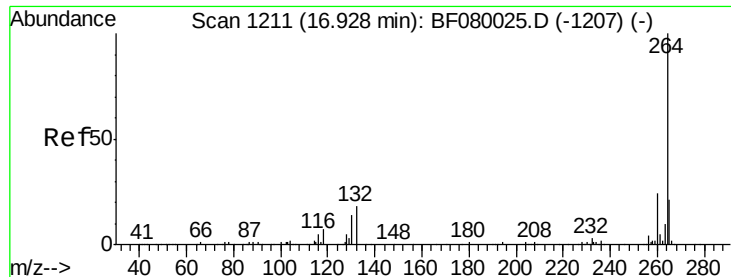
Tgt Ion:	276	Resp:	21524
Ion Ratio	Lower	Upper	
276	100		
138	19.7	25.7	38.5#
277	22.8	15.6	23.4

Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





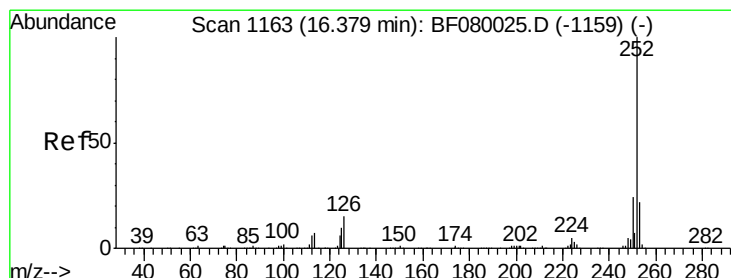
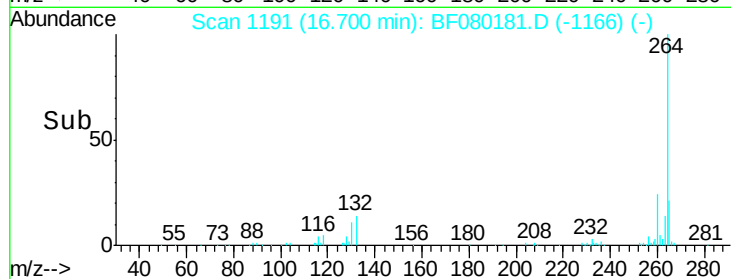
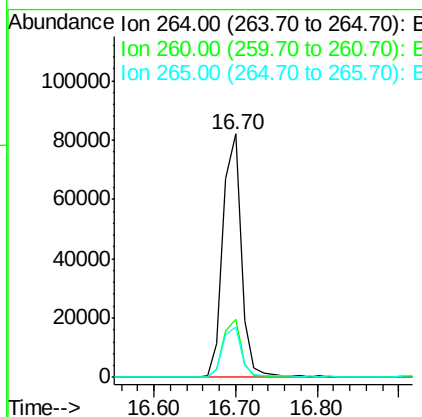
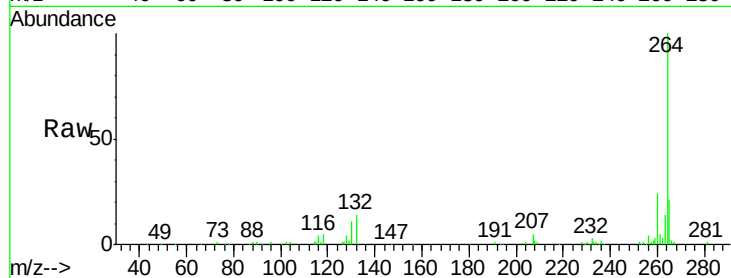
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.70 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF080181.D
Acq: 25 Jun 2015 23:57

Instrument :
BNA_F
ClientSampled :
MM1A

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	129177		
260	23.7	16.7	25.1	
265	20.9	17.2	25.8	

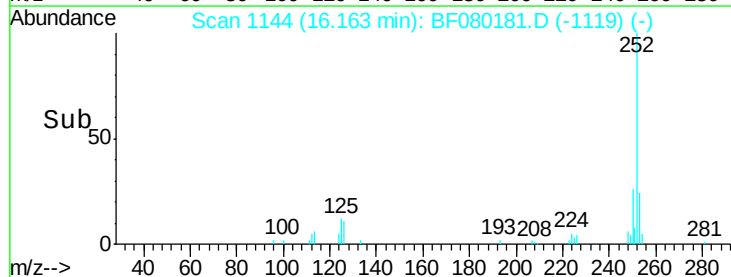
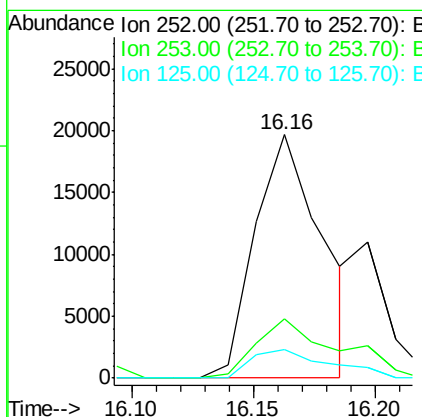
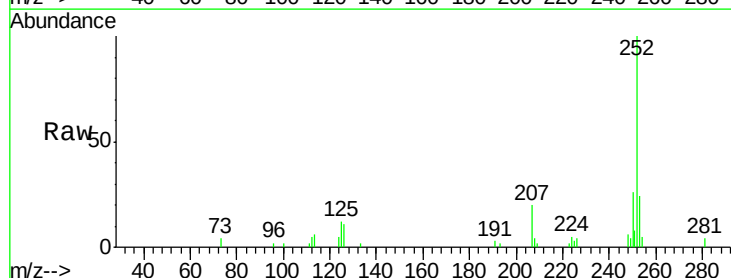
Manual Integrations
APPROVED

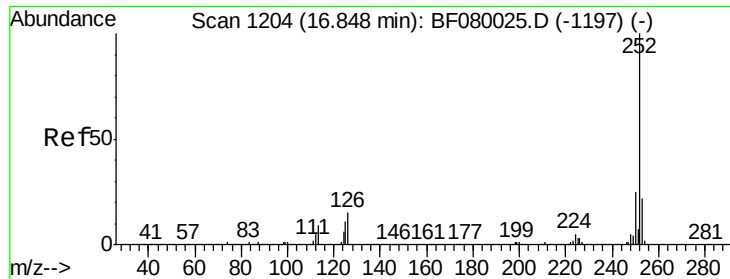
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#87
Benzo(b)fluoranthene
Concen: 4.86 ng m
RT: 16.16 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF080181.D
Acq: 25 Jun 2015 23:57

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	38012		
253	24.1	17.5	26.3	
125	11.9	17.1	25.7#	





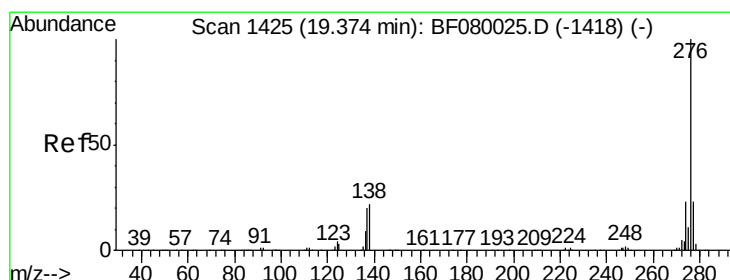
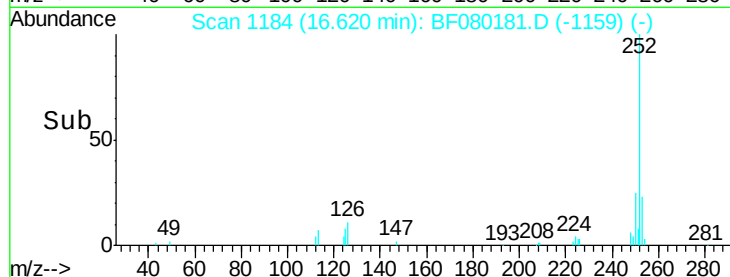
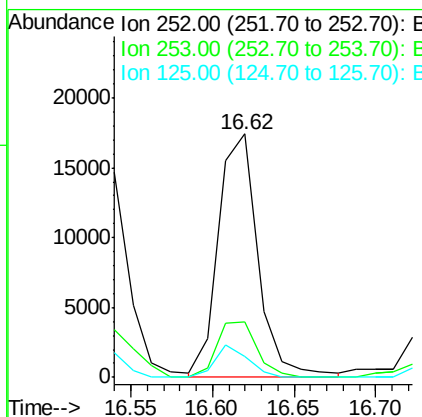
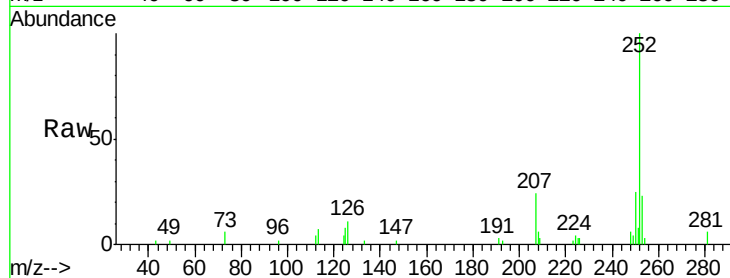
#89
Benzo(a)pyrene
Concen: 3.96 ng
RT: 16.62 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF080181.D
Acq: 25 Jun 2015 23:57

Instrument :
BNA_F
ClientSampleId :
MM1A

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	8.4	18.0	27.0#

Manual Integrations
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apatel
6/26/2015 2:05:57 PM



#91
Benzo(g,h,i)perylene
Concen: 2.65 ng
RT: 19.07 min Scan# 1398
Delta R.T. -0.05 min
Lab File: BF080181.D
Acq: 25 Jun 2015 23:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.1	17.8	26.6
138	26.0	34.6	51.8#

