

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
 Data File : BF106447.D
 Acq On : 14 Jun 2018 17:30
 Operator : JU/SJ
 Sample : J3241-07 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-061318-A

Manual Integrations
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 6/15/2018 11:16:49 AM

Quant Time: Jun 14 19:06:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 14 18:39:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	117343	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	447148	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	183238	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	300578	20.00	ng	0.00
75) Chrysene-d12	14.15	240	344286	20.00	ng	0.00
86) Perylene-d12	15.70	264	266916	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	165289	23.84	ng	0.00
7) Phenol-d6	6.61	99	212273	24.23	ng	0.00
23) Nitrobenzene-d5	7.52	82	124400	16.37	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	35356	20.05	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	232506	12.64	ng	0.00
78) Terphenyl-d14	13.08	244	218788	15.78	ng	-0.01
Target Compounds						
70) Phenanthrene	11.52	178	38630	2.624	ng	97
74) Fluoranthene	12.71	202	70624	4.499	ng	97
77) Pyrene	12.94	202	69993	3.247	ng	98
80) Benzo(a)anthracene	14.14	228	42417	2.070	ng	97
87) Benzo(b)fluoranthene	15.24	252	44159m	2.737	ng	

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

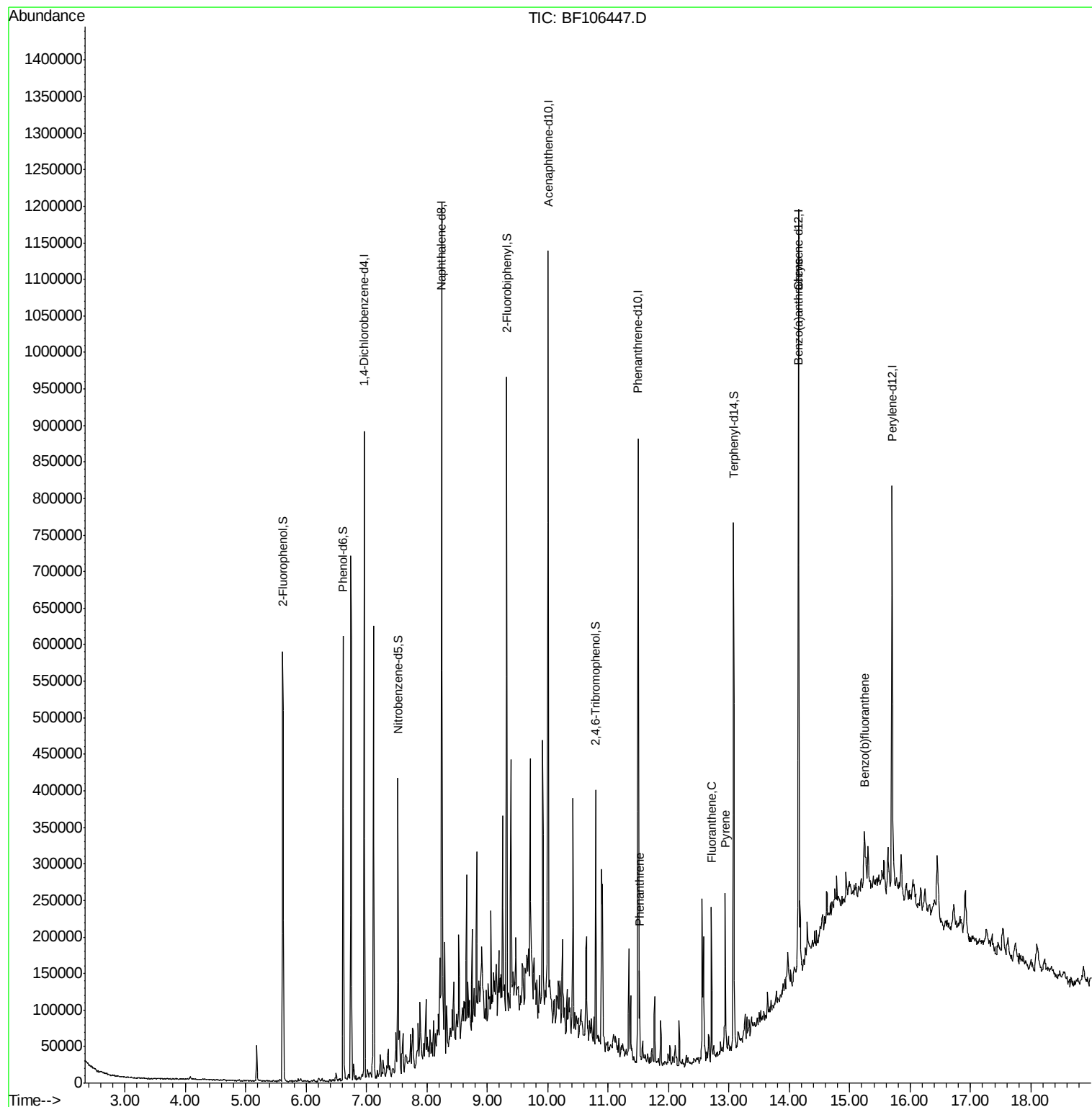
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106447.D
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ALS Vial : 13 Sample Multiplier: 1

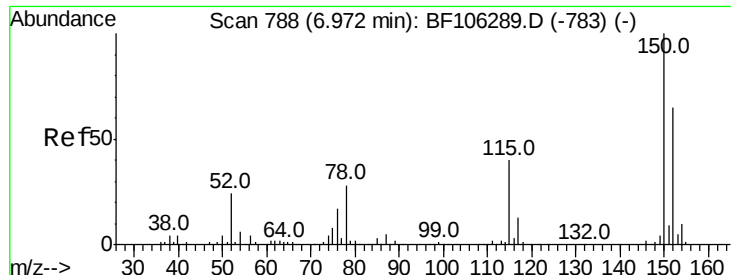
Instrument :
BNA_F
ClientSampleId :
HR-05-061318-A

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Quant Time: Jun 14 19:06:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 14 18:39:24 2018
Response via : Initial Calibration





#1

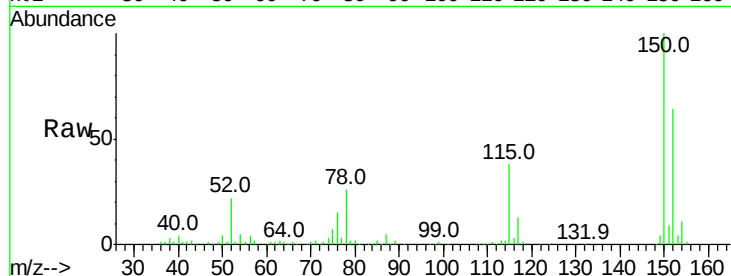
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF106447.D
Acq: 14 Jun 2018 17:30

Instrument :
BNA_F
ClientSampleId :
HR-05-061318-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	186.8
115	59.6	50.1	75.1

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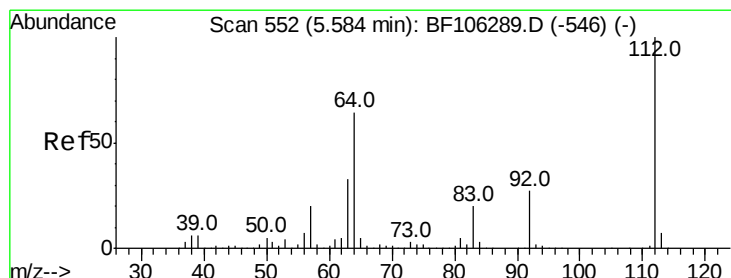
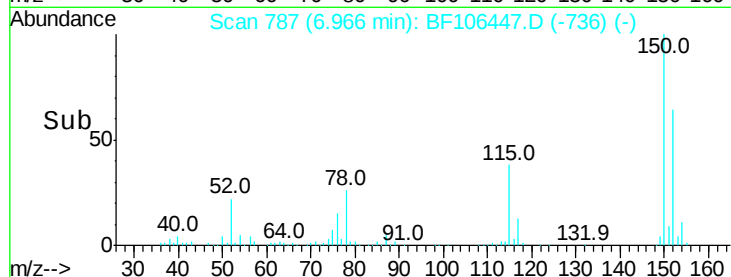
Abundance

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

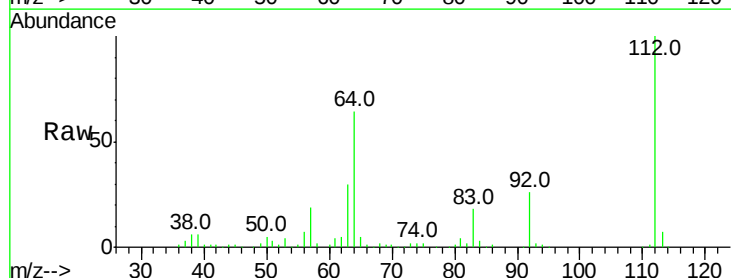
Time-->



#5

2-Fluorophenol
Concen: 23.840 ng
RT: 5.61 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF106447.D
Acq: 14 Jun 2018 17:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.9	47.9	71.9
63	30.1	23.7	35.5



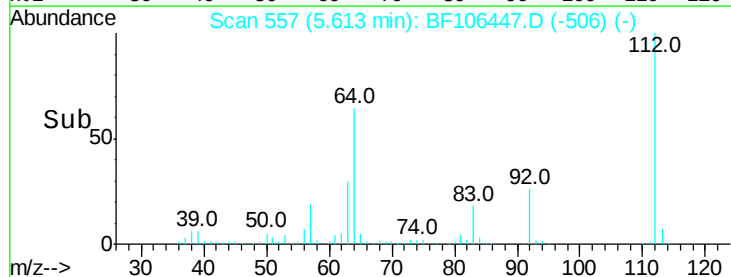
Abundance

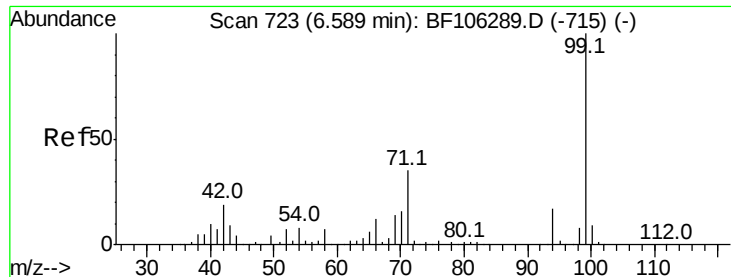
Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Time-->





#7

Phenol-d6

Concen: 24.234 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF106447.D

Acq: 14 Jun 2018 17:30

Instrument :

BNA_F

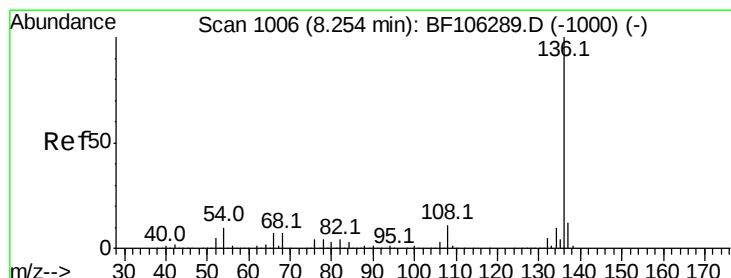
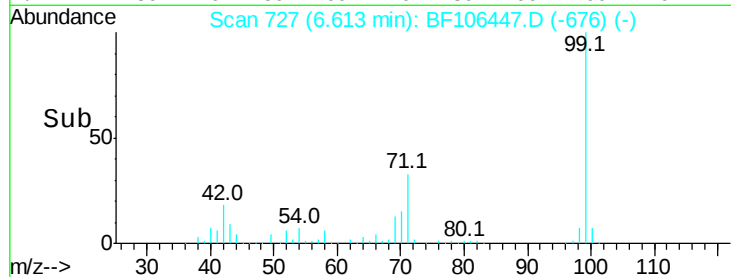
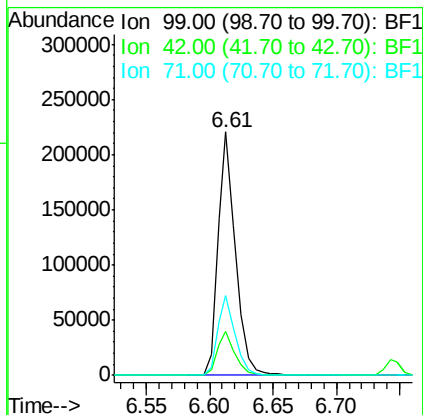
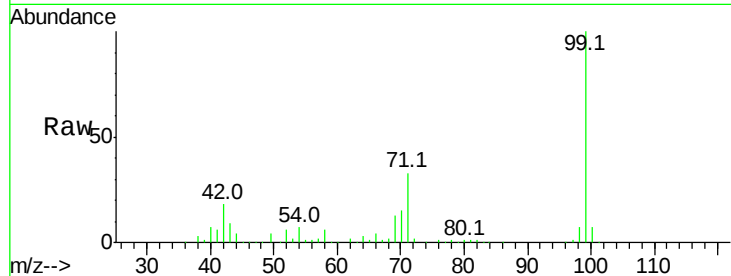
ClientSampleId :

HR-05-061318-A

Tot Ion:	99	Resp:	212273
Ion Ratio	Lower	Upper	
99	100		
42	17.9	14.5	21.7
71	32.9	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

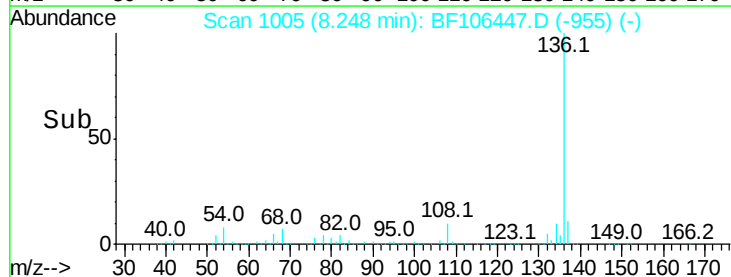
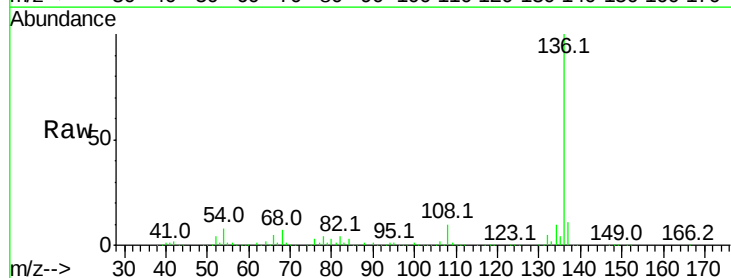
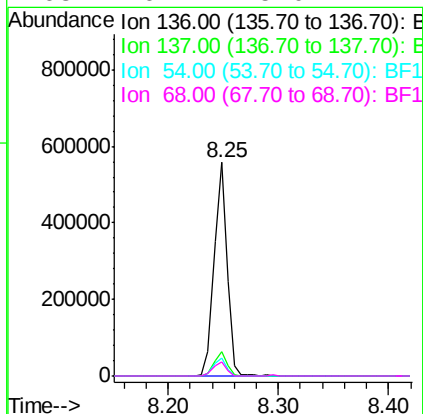
RT: 8.25 min Scan# 1005

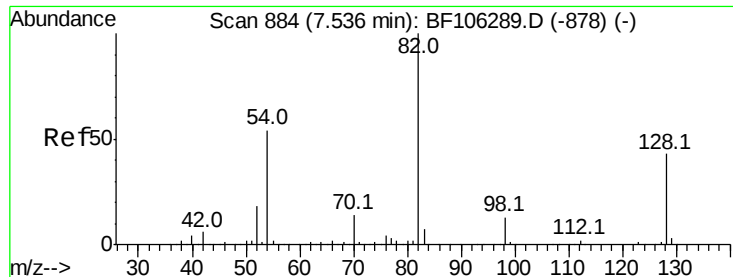
Delta R.T. -0.01 min

Lab File: BF106447.D

Acq: 14 Jun 2018 17:30

Tgt Ion:	136	Resp:	447148
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	8.4	6.6	9.8
68	6.7	5.0	7.4





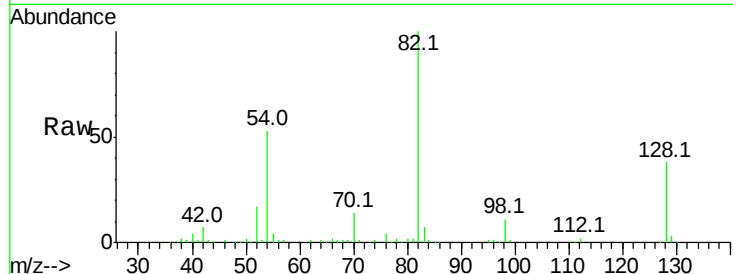
#23
Nitrobenzene-d5
Concen: 16.367 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF106447.D
Acq: 14 Jun 2018 17:30

Instrument :
BNA_F
ClientSampleId :
HR-05-061318-A

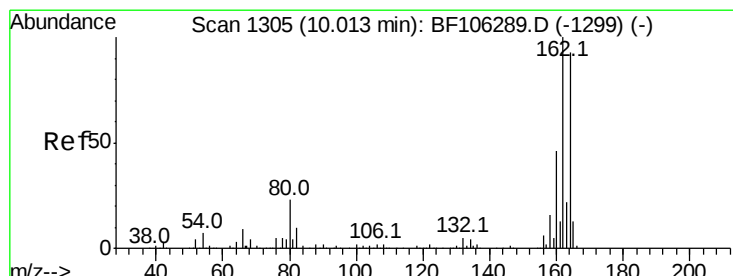
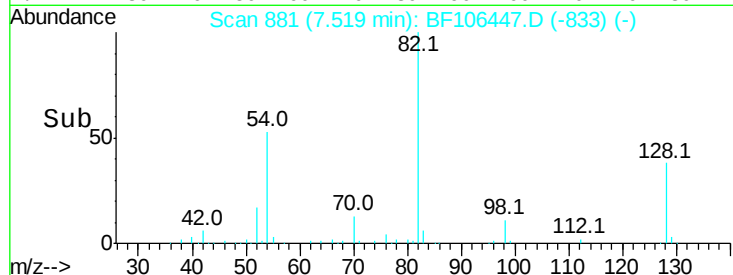
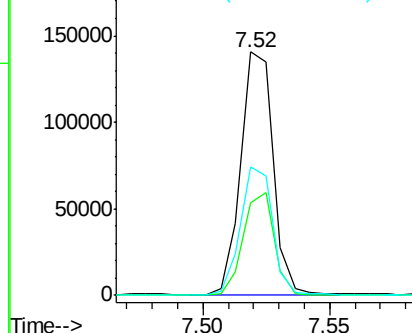
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.2	36.1	54.1
54	52.7	41.4	62.2

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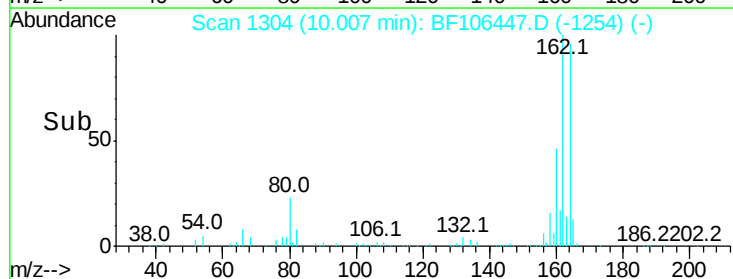
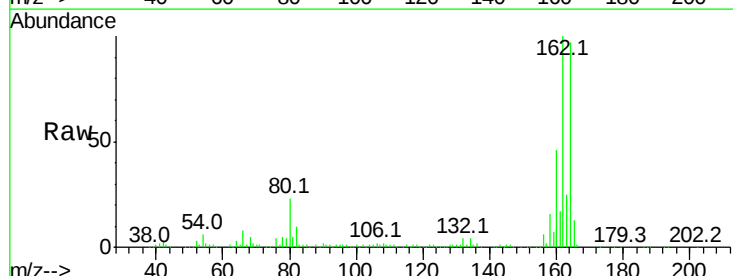
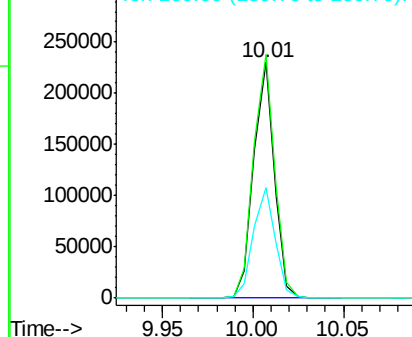
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF106447.D
Acq: 14 Jun 2018 17:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	86.1	129.1
160	47.0	38.3	57.5

Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





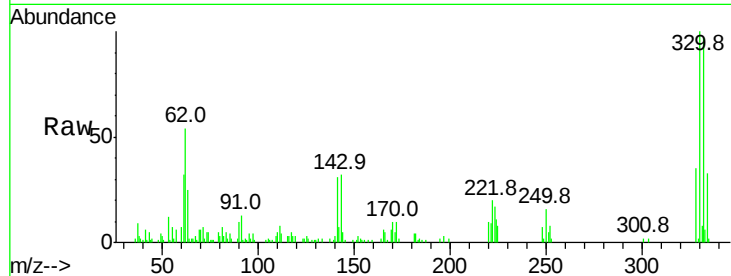
#41
 2,4,6-Tribromophenol
 Concen: 20.054 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106447.D
 Acq: 14 Jun 2018 17:30

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-061318-A

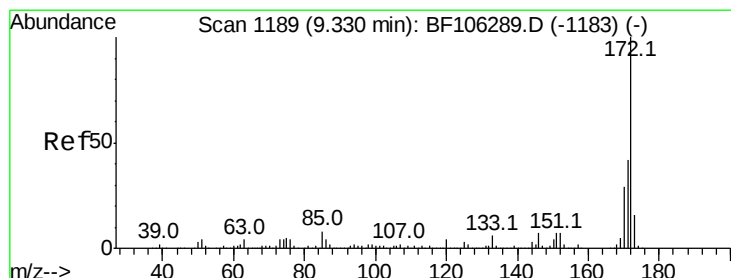
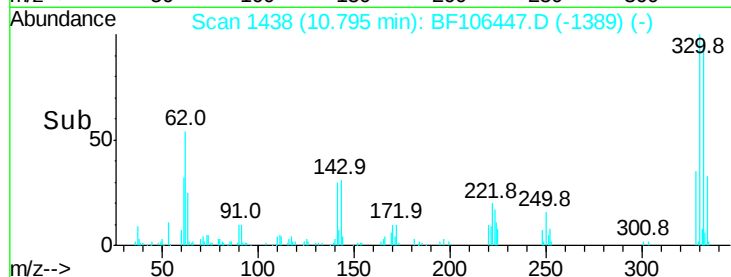
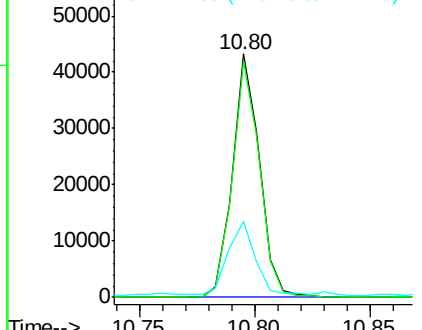
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.0	77.0	115.6	
141	29.9	29.9	44.9	

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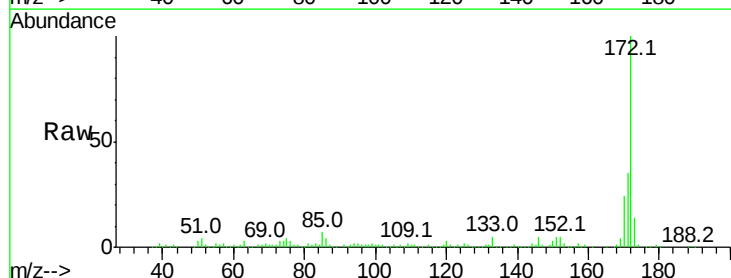


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

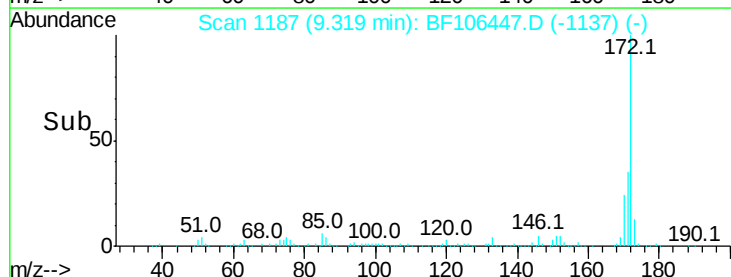
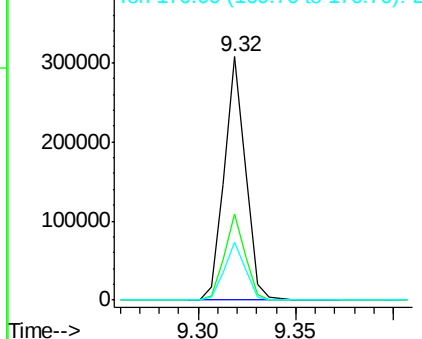


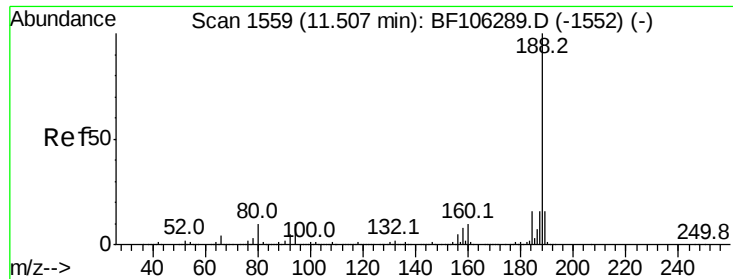
#44
 2-Fluorobiphenyl
 Concen: 12.640 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106447.D
 Acq: 14 Jun 2018 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.3	29.7	44.5	
170	23.9	19.6	29.4	



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





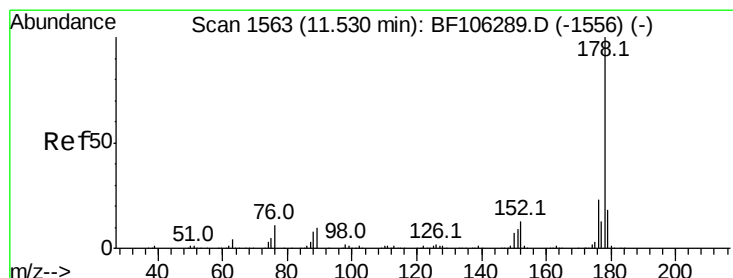
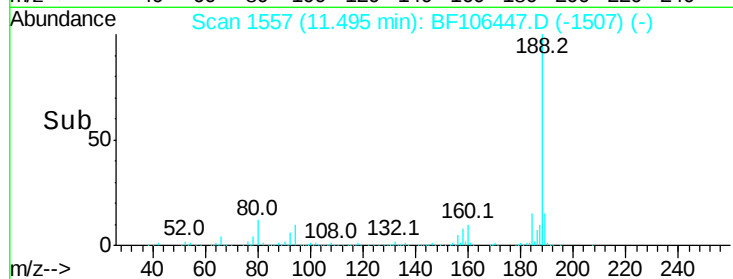
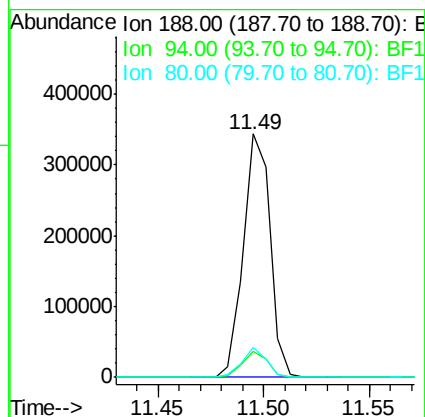
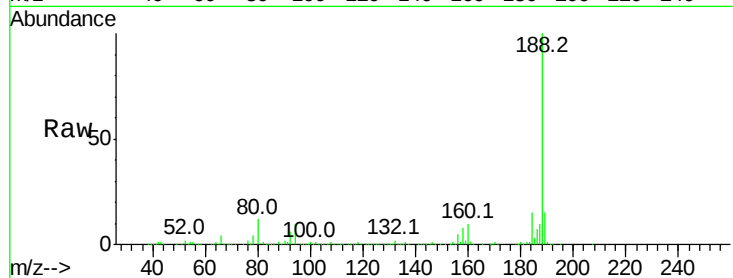
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106447.D
Acq: 14 Jun 2018 17:30

Instrument :
BNA_F
ClientSampleId :
HR-05-061318-A

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.4	8.5	12.7
80	12.2	9.2	13.8

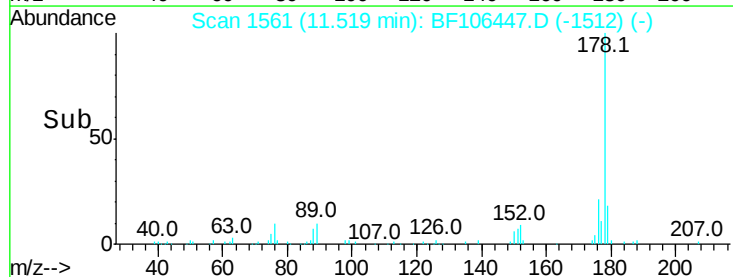
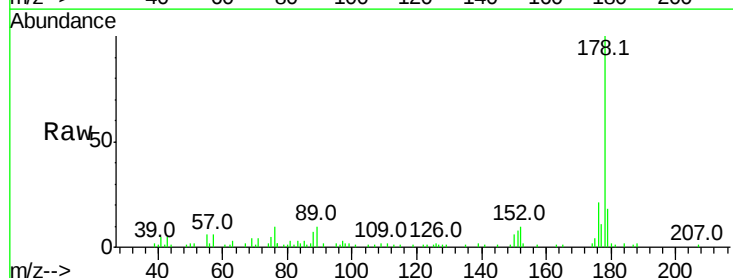
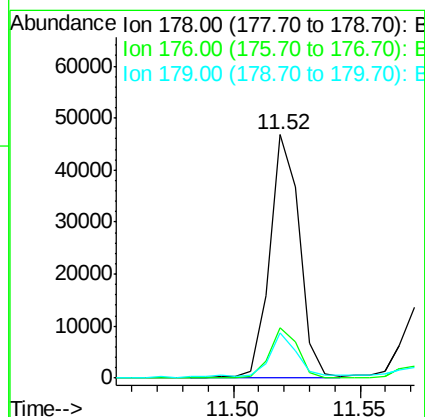
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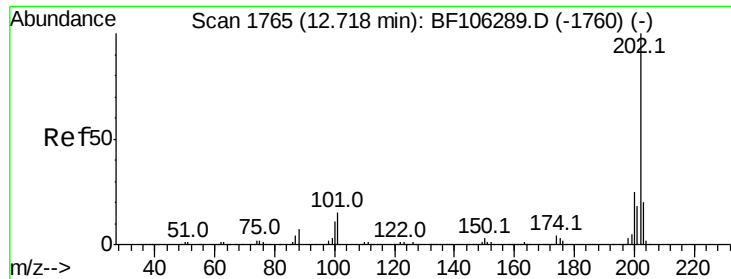
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#70
Phenanthrene
Concen: 2.624 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF106447.D
Acq: 14 Jun 2018 17:30

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	20.9	15.8	23.8
179	18.3	13.0	19.6





#74

Fluoranthene

Concen: 4.499 ng

RT: 12.71 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF106447.D

Acq: 14 Jun 2018 17:30

Instrument :

BNA_F

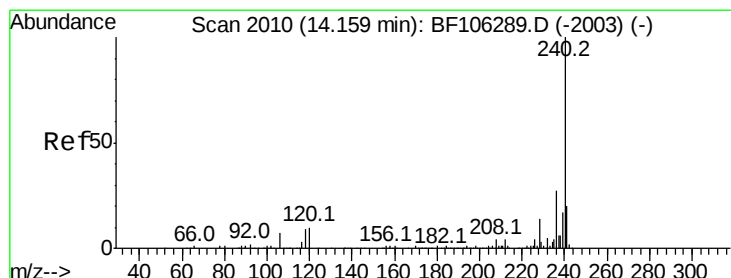
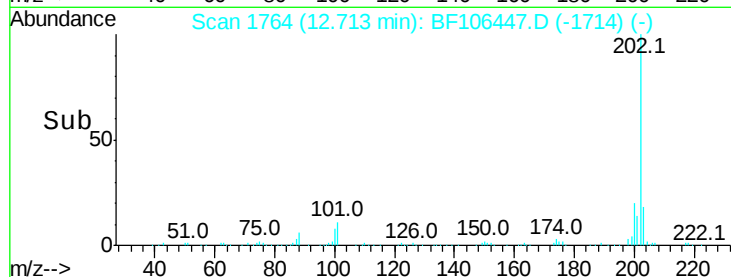
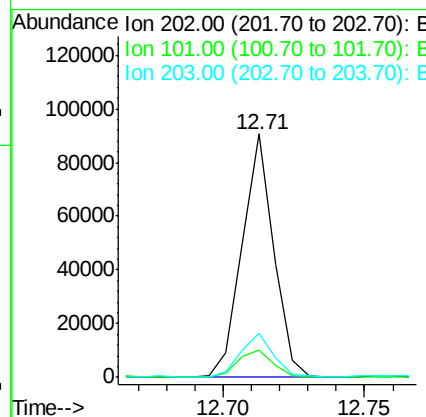
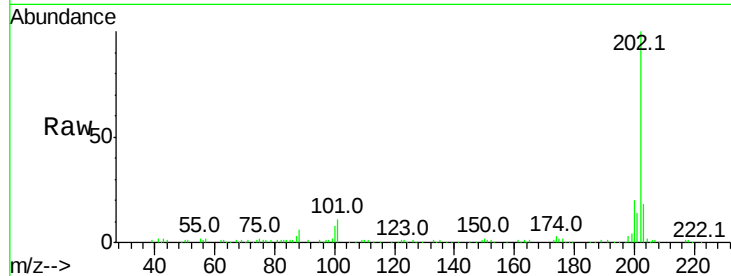
ClientSampleId :

HR-05-061318-A

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	34.1
203	18.0	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

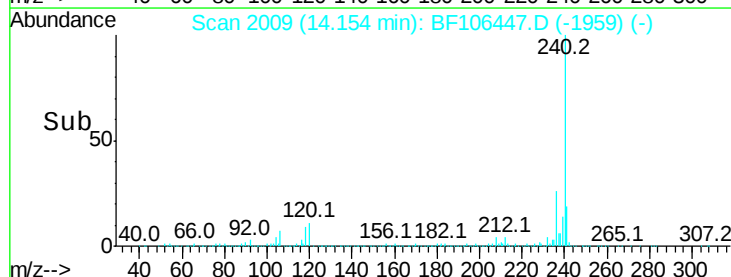
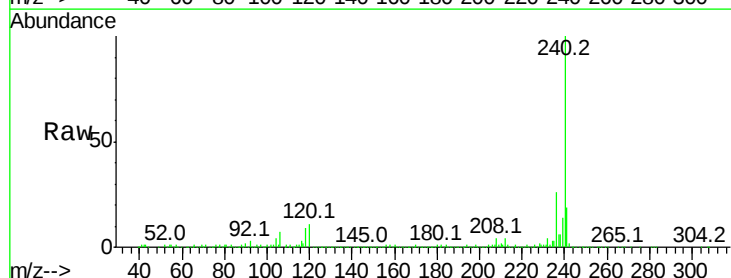
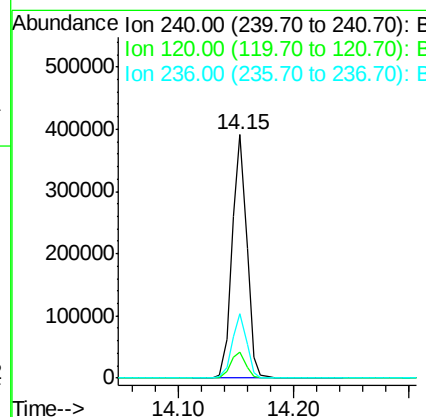
RT: 14.15 min Scan# 2009

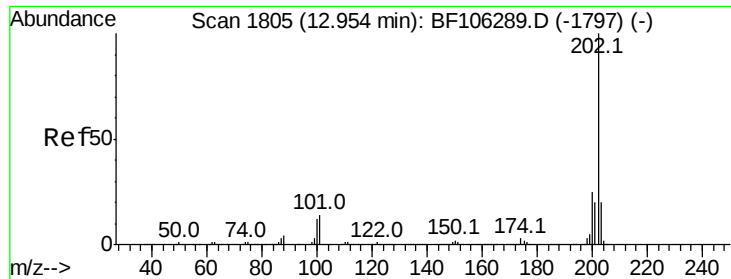
Delta R.T. -0.01 min

Lab File: BF106447.D

Acq: 14 Jun 2018 17:30

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.5	14.3
236	26.3	20.7	31.1





#77

Pvrene

Concen: 3.247 ng

RT: 12.94 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF106447.D

Acq: 14 Jun 2018 17:30

Instrument :

BNA_F

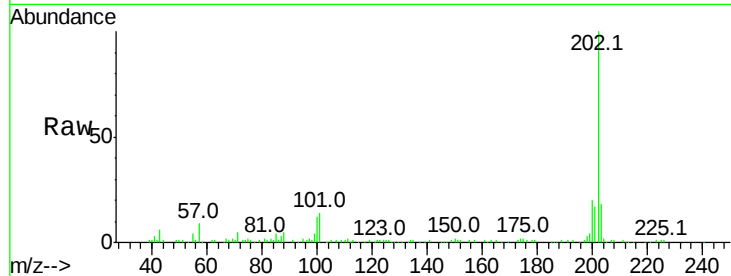
ClientSampleId :

HR-05-061318-A

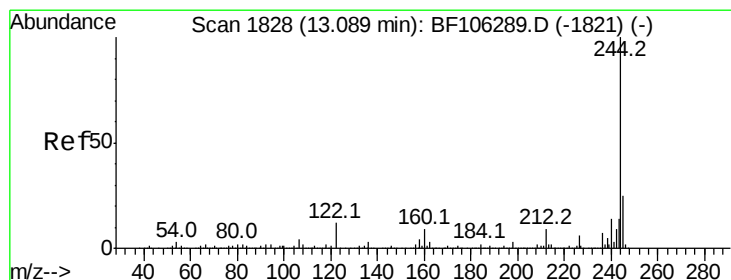
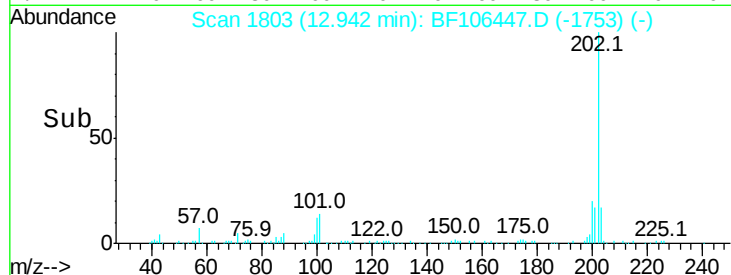
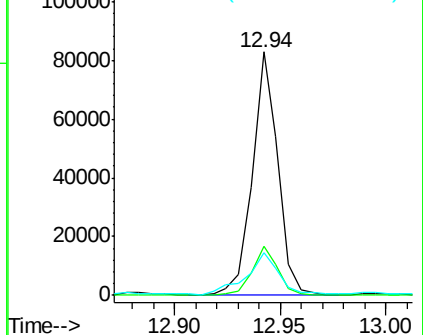
Tot Ion:	202	Resp:	69993
Ion Ratio	Lower	Upper	
202	100		
200	20.2	17.4	26.2
203	17.5	14.3	21.5

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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: 15.784 ng

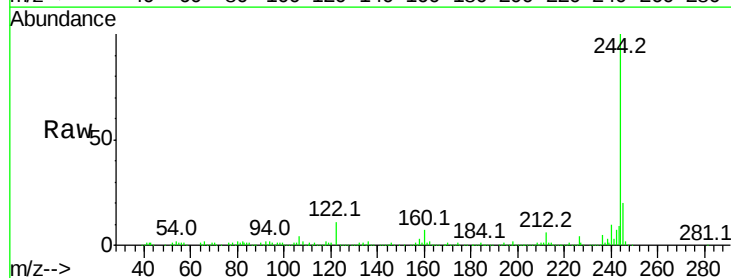
RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

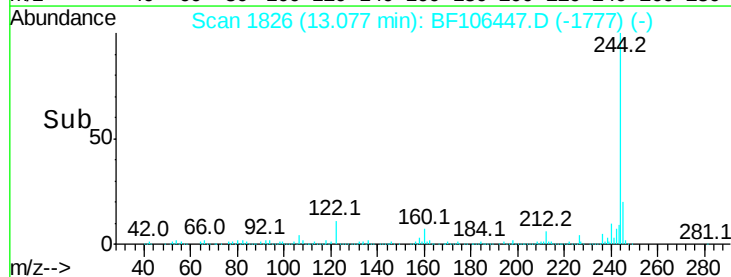
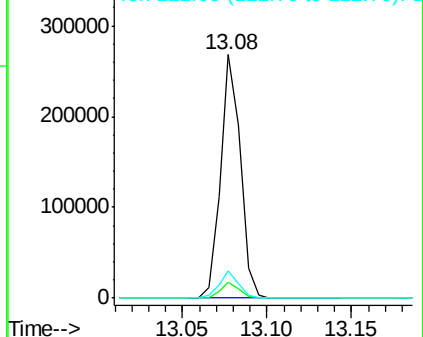
Lab File: BF106447.D

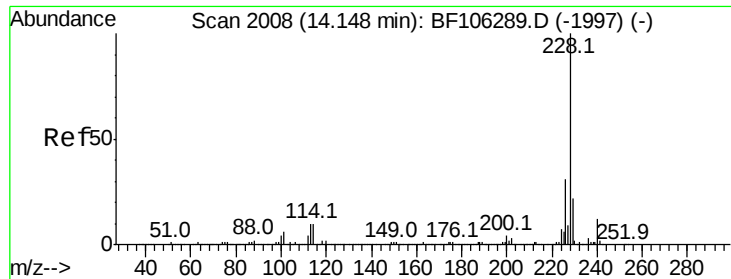
Acq: 14 Jun 2018 17:30

Tgt Ion:	244	Resp:	218788
Ion Ratio	Lower	Upper	
244	100		
212	6.3	5.4	8.0
122	11.4	11.0	16.4



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





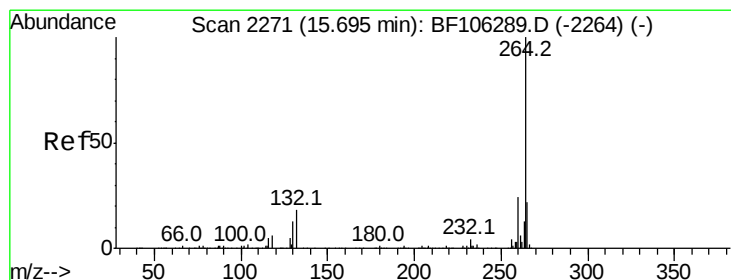
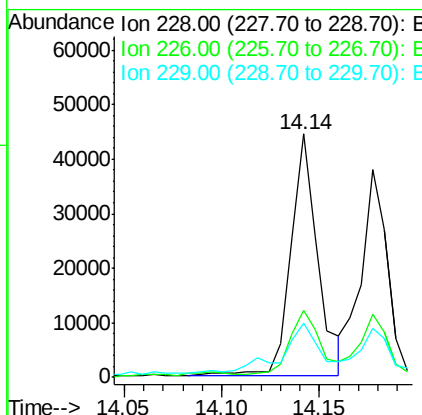
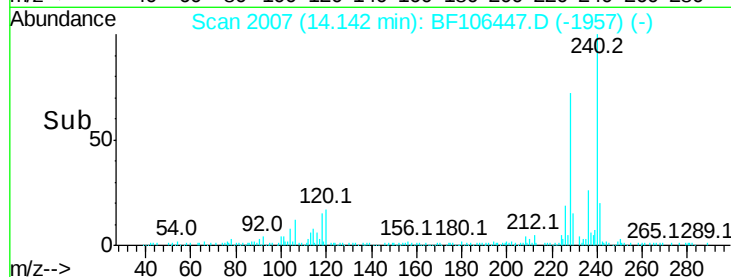
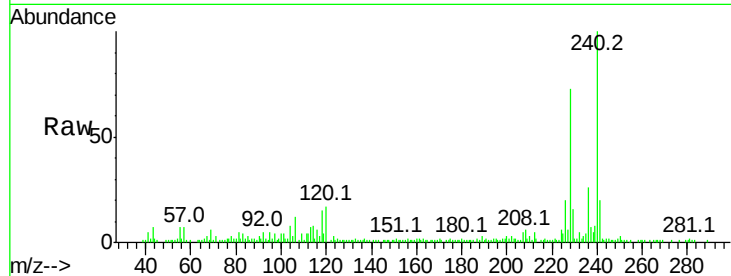
#80
Benzo(a)anthracene
Concen: 2.070 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF106447.D
Acq: 14 Jun 2018 17:30

Instrument :
BNA_F
ClientSampleId :
HR-05-061318-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	22.1	15.8	23.6

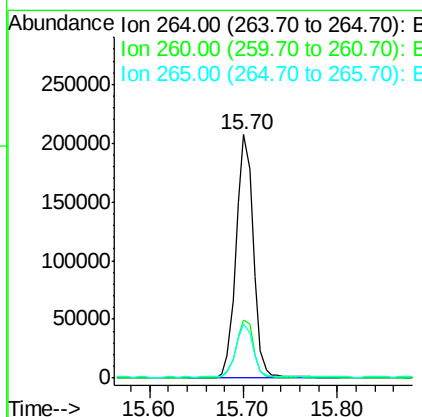
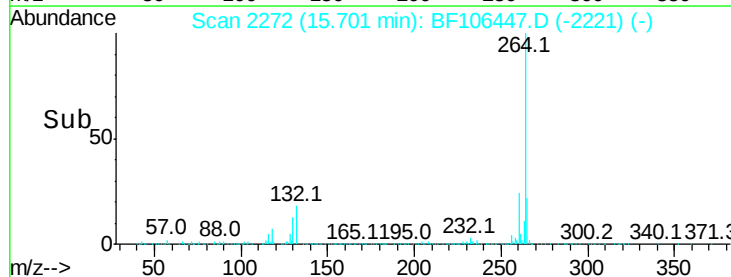
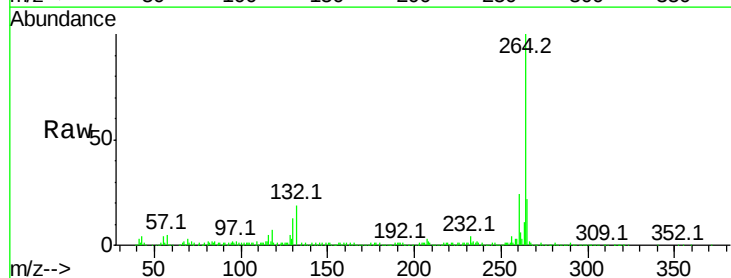
Manual Integrations
APPROVED

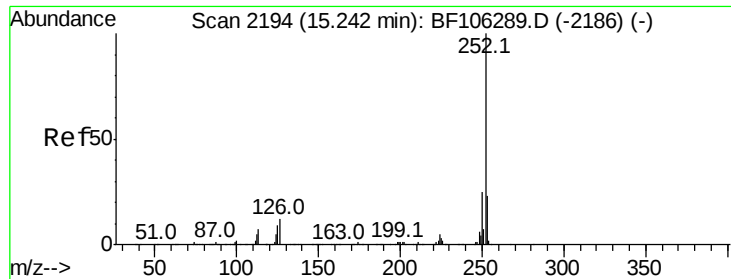
Sohil
6/15/2018 11:16:49 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2272
Delta R.T. -0.00 min
Lab File: BF106447.D
Acq: 14 Jun 2018 17:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.2	17.5	26.3





#87
 Benzo(b)fluoranthene
 Concen: 2.737 ng/ml
 RT: 15.24 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: BF106447.D
 Acq: 14 Jun 2018 17:30

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-061318-A

Tot Ion:	252	Resp:	44159
Ion Ratio	Lower	Upper	
252	100		
253	26.1	17.0	25.6#
125	14.4	9.0	13.6#

Manual Integrations
 APPROVED

Sohil
 6/15/2018 11:16:49 AM

