

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
 Data File : BF106448.D
 Acq On : 14 Jun 2018 17:57
 Operator : JU/SJ
 Sample : J3241-09 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Manual Integrations
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Sohil
 6/15/2018 11:16:50 AM

Quant Time: Jun 14 19:09:27 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	129457	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	498527	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	223317	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	368899	20.00	ng	0.00
75) Chrysene-d12	14.15	240	340309	20.00	ng	0.00
86) Perylene-d12	15.69	264	241063	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	203742	26.64	ng	0.00
7) Phenol-d6	6.61	99	262889	27.20	ng	0.00
23) Nitrobenzene-d5	7.52	82	157629	18.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	52913	24.63	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	306334	14.40	ng	0.00
78) Terphenyl-d14	13.08	244	270912	19.77	ng	0.00
Target Compounds						
70) Phenanthrene	11.52	178	80890	4.477	ng	97
74) Fluoranthene	12.71	202	225392	11.698	ng	98
77) Pyrene	12.95	202	211312	9.918	ng	100
80) Benzo(a)anthracene	14.14	228	120167	5.934	ng	94
82) Chrysene	14.18	228	111738	6.043	ng	97
85) Indeno(1,2,3-cd)pyrene	17.25	276	41158	2.789	ng	# 90
87) Benzo(b)fluoranthene	15.24	252	119684m	8.213	ng	
88) Benzo(k)fluoranthene	15.26	252	41648m	2.886	ng	
89) Benzo(a)pyrene	15.62	252	80071	6.109	ng	95
91) Benzo(g,h,i)perylene	17.72	276	40609	3.824	ng	94

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

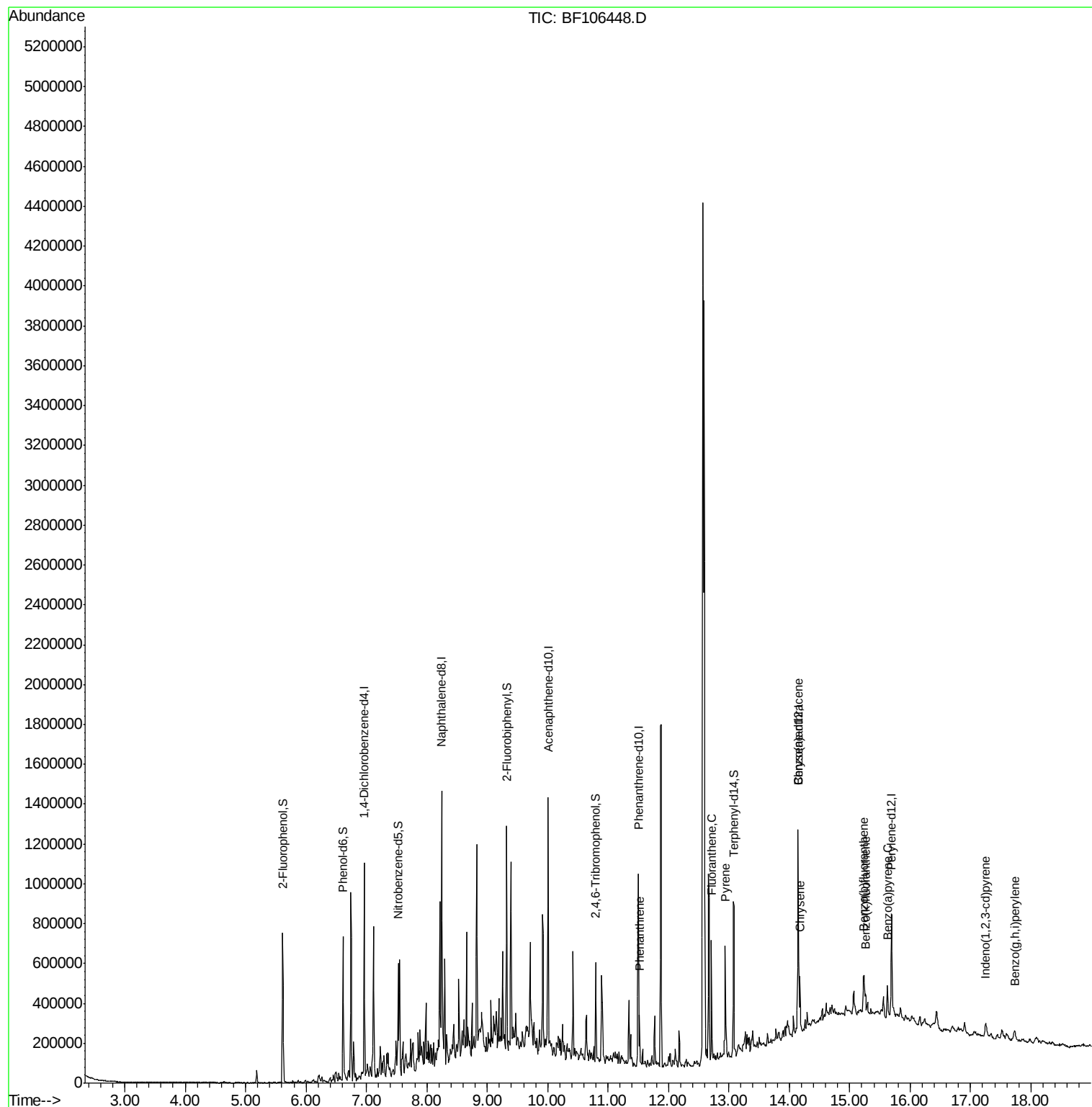
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106448.D
Acq On : 14 Jun 2018 17:57
Operator : JU/SJ
Sample : J3241-09 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

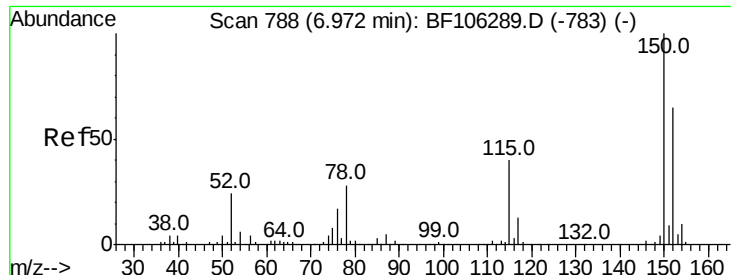
Instrument :
BNA_F
ClientSampleId :
HR-05-061318-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

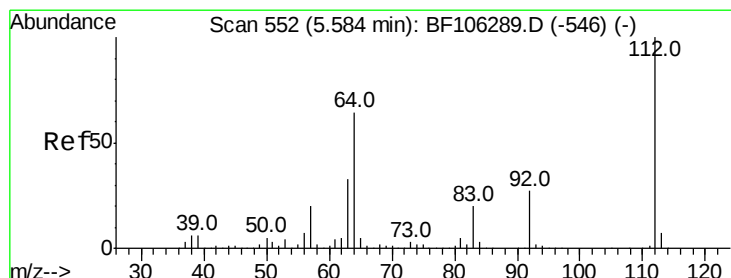
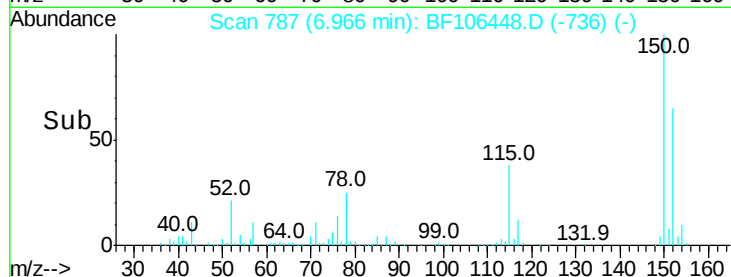
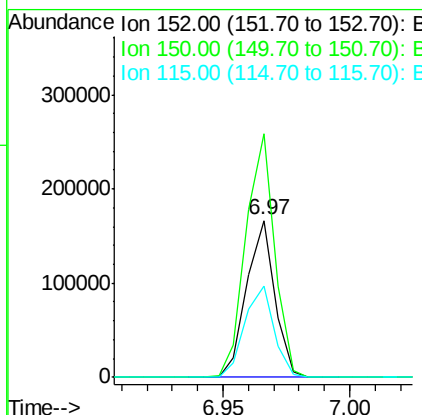
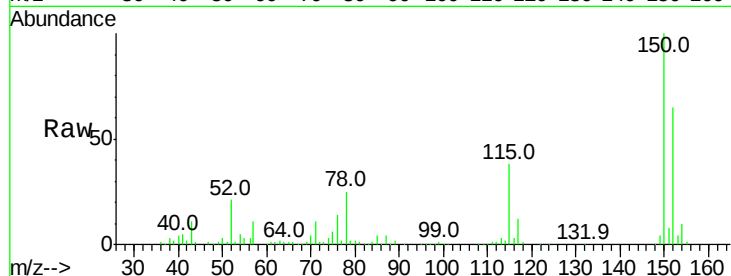
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF106448.D
Acq: 14 Jun 2018 17:57

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.6	186.8
115	58.2	50.1	75.1

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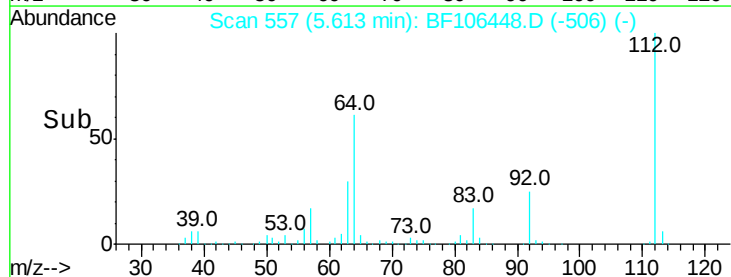
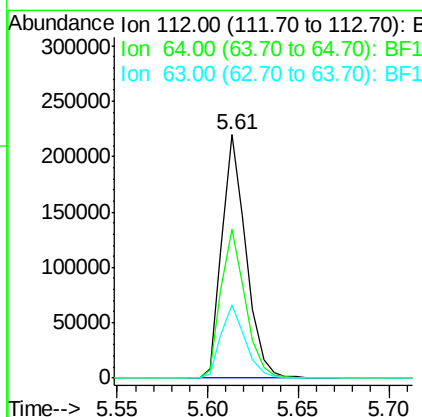
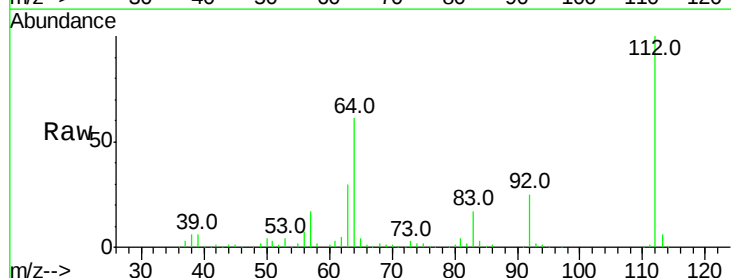
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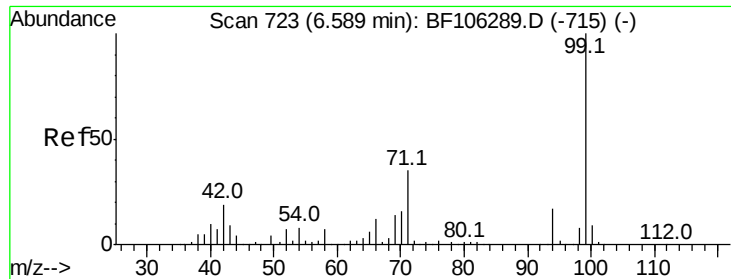


#5

2-Fluorophenol
Concen: 26.637 ng
RT: 5.61 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF106448.D
Acq: 14 Jun 2018 17:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.9	47.9	71.9
63	30.3	23.7	35.5





#7

Phenol-d6

Concen: 27.204 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF106448.D

Acq: 14 Jun 2018 17:57

Instrument :

BNA_F

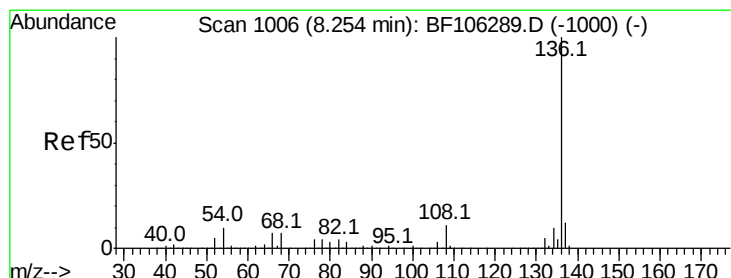
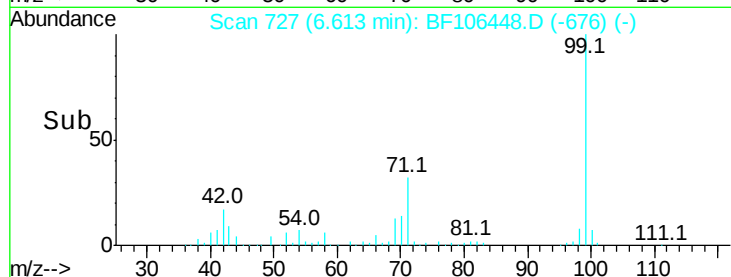
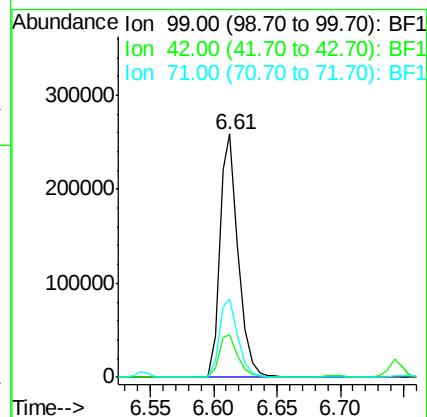
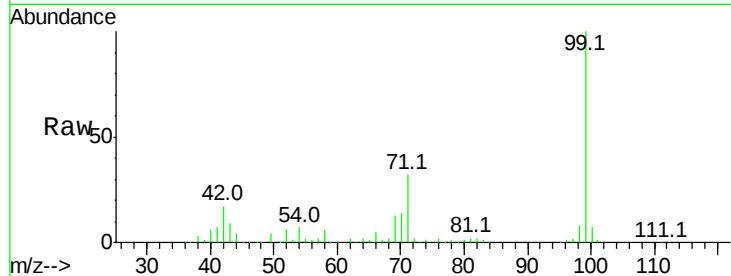
ClientSampleId :

HR-05-061318-B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		262889		
42	17.3	14.5	21.7		
71	32.2	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

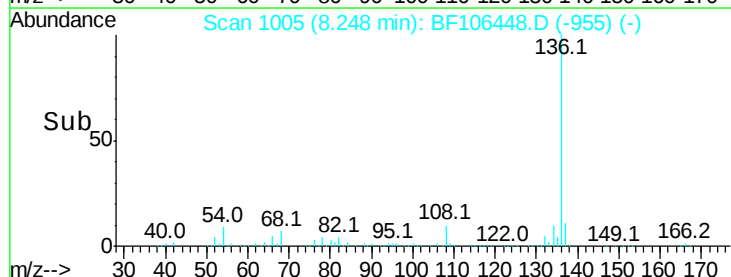
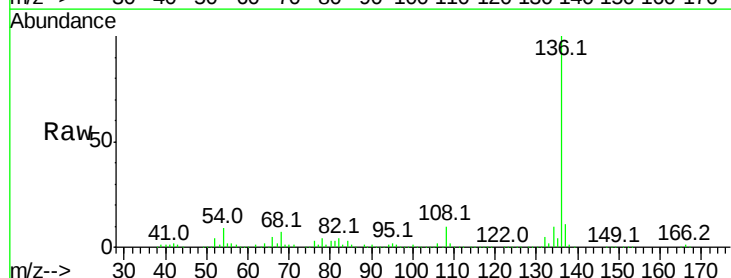
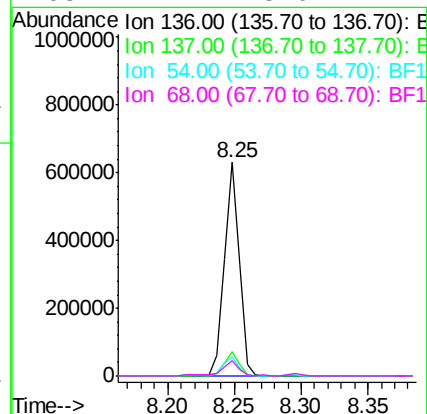
RT: 8.25 min Scan# 1005

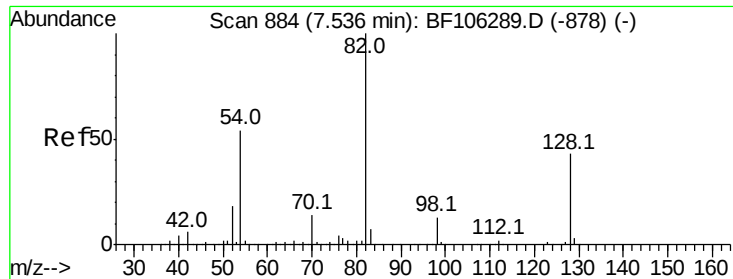
Delta R.T. -0.01 min

Lab File: BF106448.D

Acq: 14 Jun 2018 17:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		498527		
137	11.2	8.9	13.3		
54	8.9	6.6	9.8		
68	7.1	5.0	7.4		





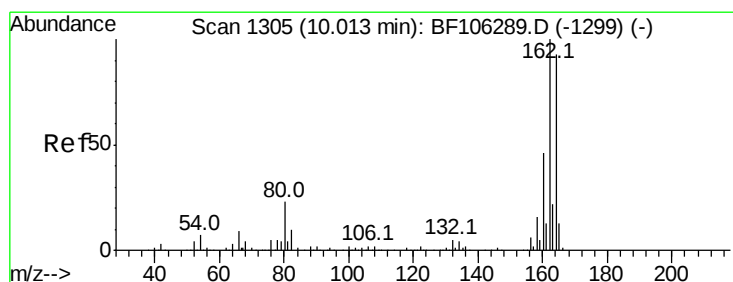
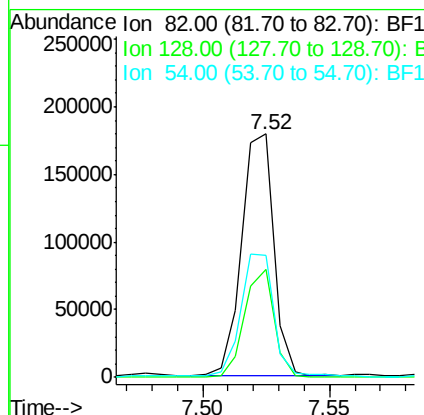
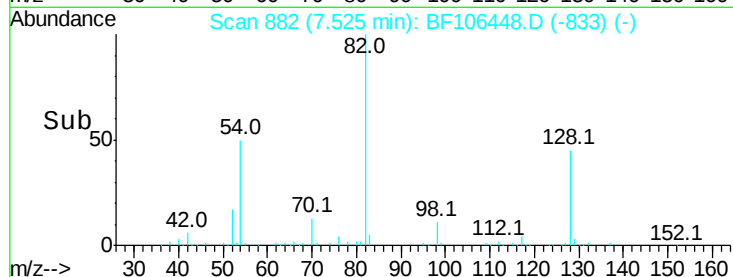
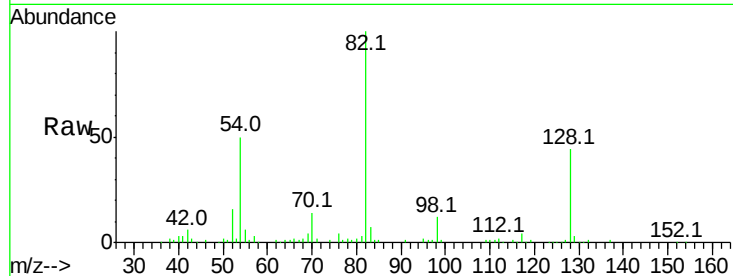
#23
 Nitrobenzene-d5
 Concen: 18.601 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF106448.D
 Acq: 14 Jun 2018 17:57

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

Tot Ion:	82	Resp:	157629
Ion Ratio	Lower	Upper	
82	100		
128	44.4	36.1	54.1
54	50.3	41.4	62.2

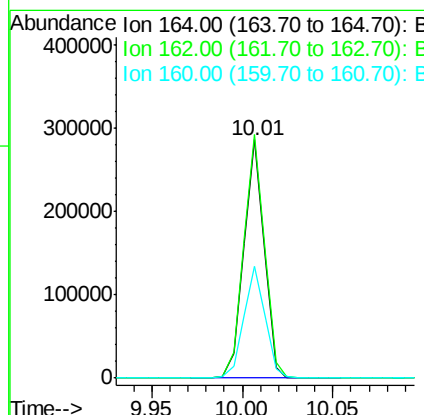
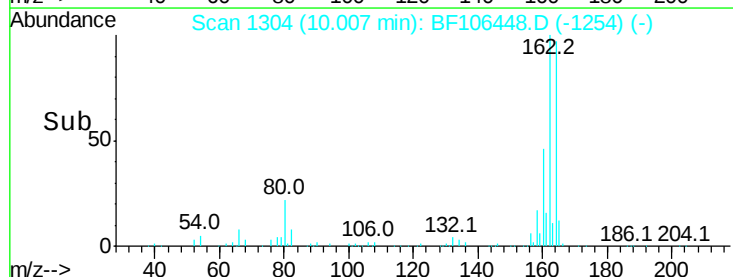
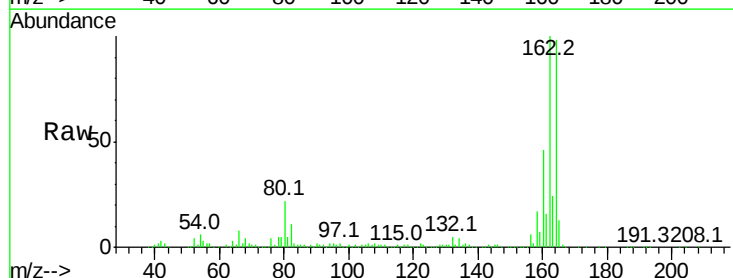
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF106448.D
 Acq: 14 Jun 2018 17:57

Tgt Ion:	164	Resp:	223317
Ion Ratio	Lower	Upper	
164	100		
162	102.3	86.1	129.1
160	47.1	38.3	57.5





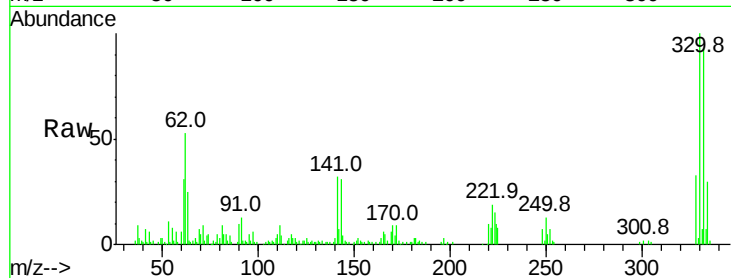
#41
 2,4,6-Tribromophenol
 Concen: 24.626 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106448.D
 Acq: 14 Jun 2018 17:57

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

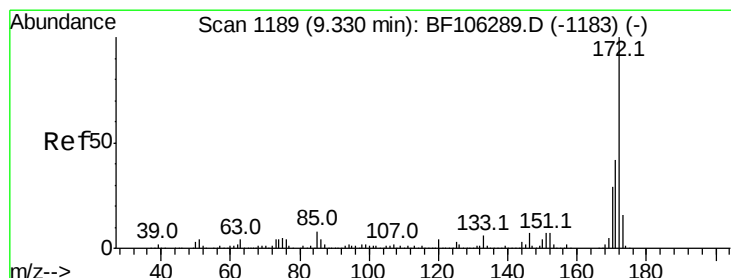
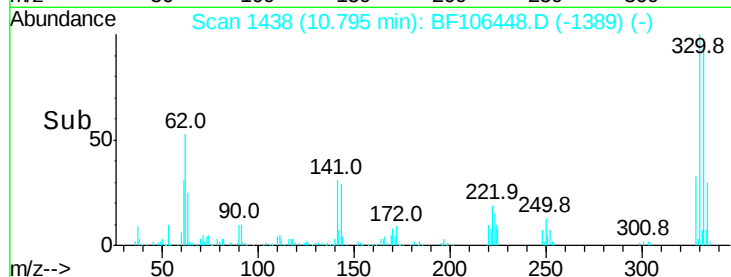
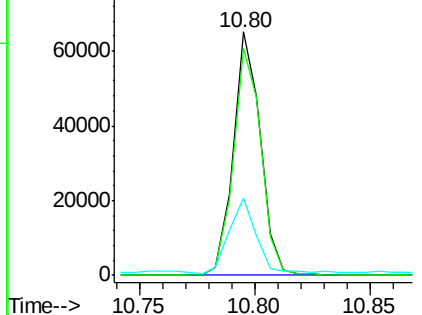
Tot Ion	Ratio	Resp	Lower	Upper
330	100	52913		
332	95.7	77.0	115.6	
141	30.8	29.9	44.9	

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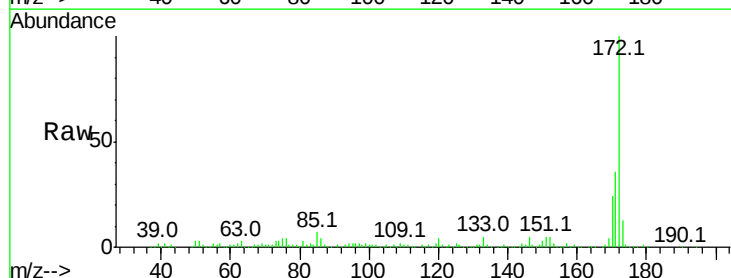


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

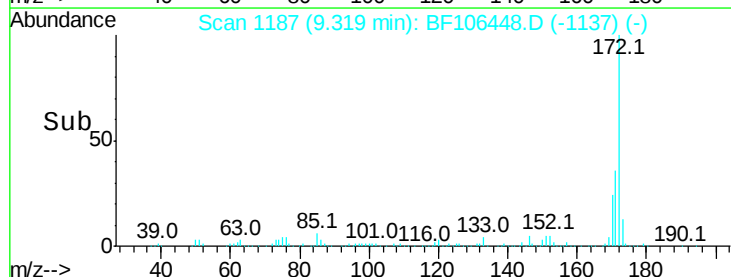
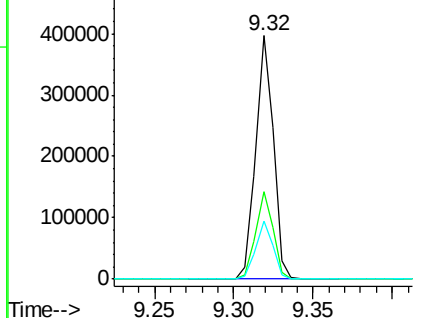


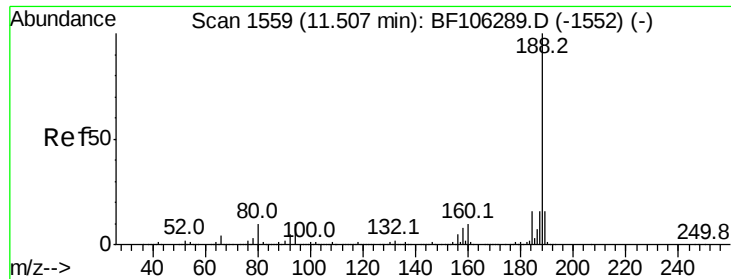
#44
 2-Fluorobiphenyl
 Concen: 14.400 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106448.D
 Acq: 14 Jun 2018 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	306334		
171	35.9	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





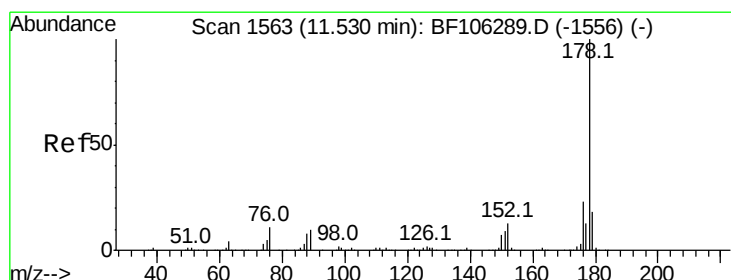
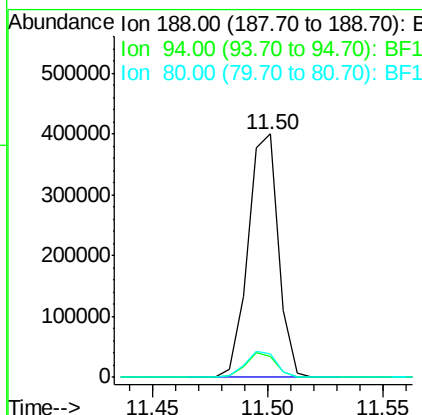
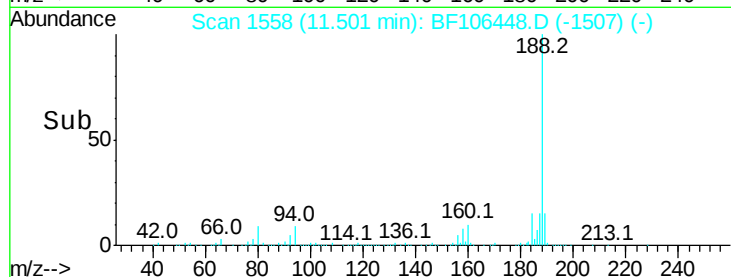
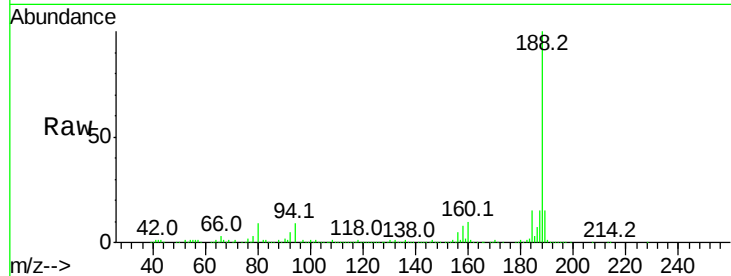
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF106448.D
Acq: 14 Jun 2018 17:57

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

Tot Ion	Ratio	Resp	Lower	Upper
188	100	368899		
94	8.8		8.5	12.7
80	9.4		9.2	13.8

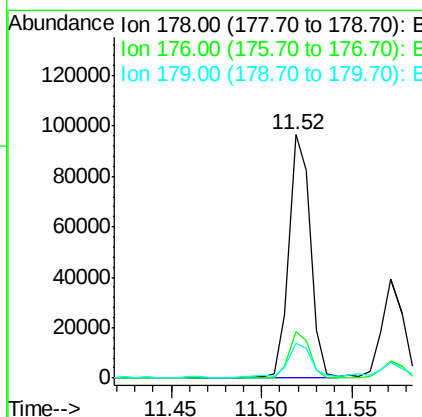
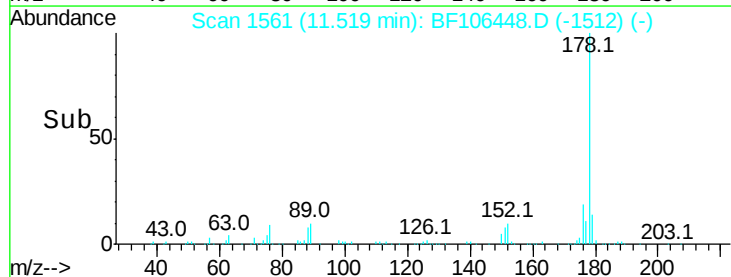
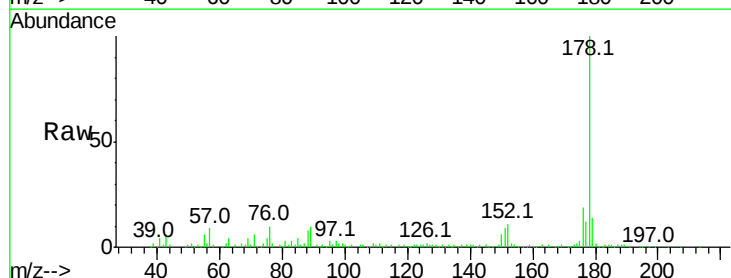
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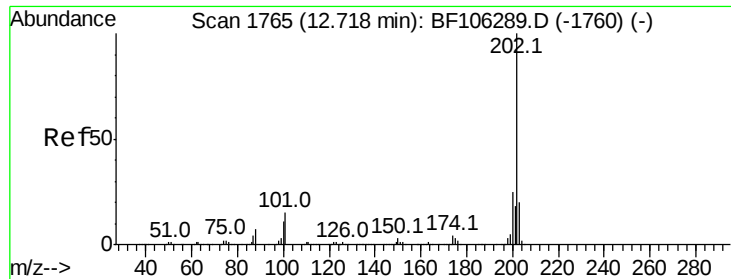
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#70
Phenanthrene
Concen: 4.477 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF106448.D
Acq: 14 Jun 2018 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	80890		
176	19.2		15.8	23.8
179	14.3		13.0	19.6





#74

Fluoranthene

Concen: 11.698 ng

RT: 12.71 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF106448.D

Acq: 14 Jun 2018 17:57

Instrument :

BNA_F

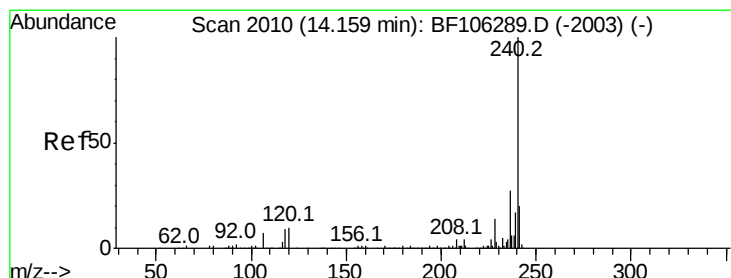
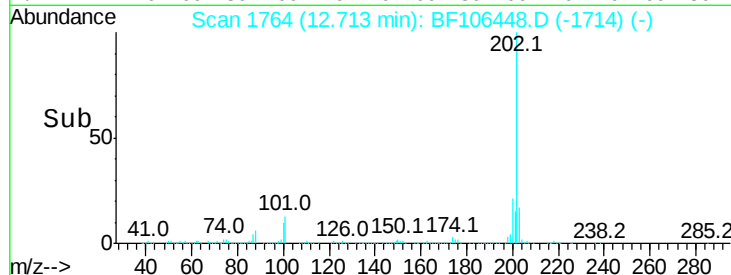
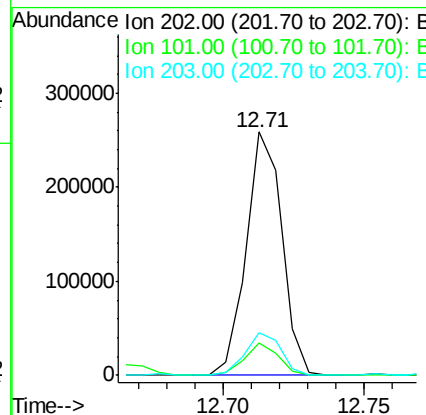
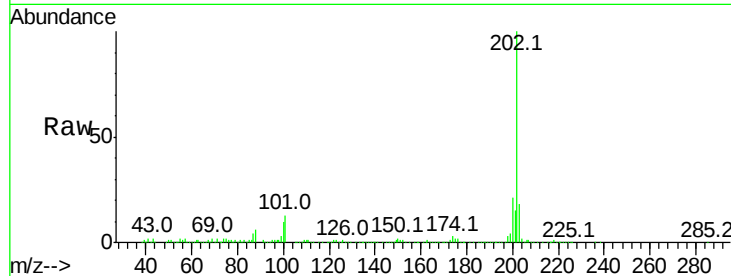
ClientSampleId :

HR-05-061318-B

Tot Ion:	202	Resp:	225392
Ion Ratio	Lower	Upper	
202	100		
101	13.1	0.0	34.1
203	17.6	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

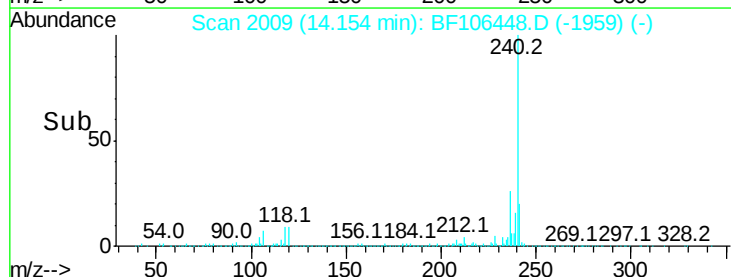
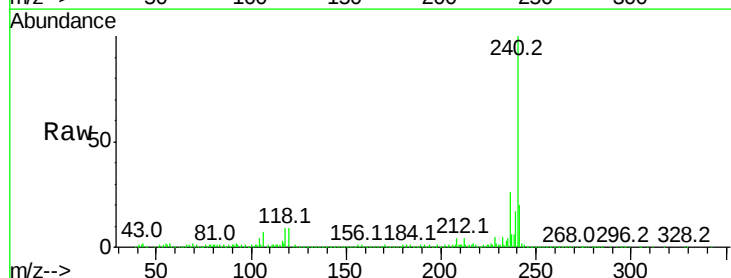
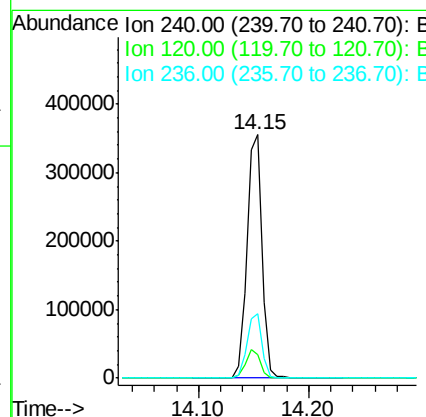
RT: 14.15 min Scan# 2009

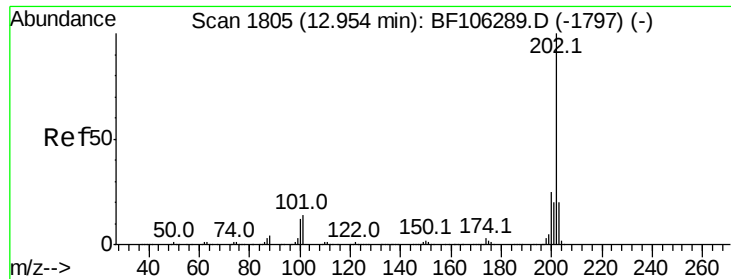
Delta R.T. -0.01 min

Lab File: BF106448.D

Acq: 14 Jun 2018 17:57

Tgt Ion:	240	Resp:	340309
Ion Ratio	Lower	Upper	
240	100		
120	9.4	9.5	14.3#
236	26.4	20.7	31.1





#77

Pvrene

Concen: 9.918 ng

RT: 12.95 min Scan# 1804

Delta R.T. -0.00 min

Lab File: BF106448.D

Acq: 14 Jun 2018 17:57

Instrument :

BNA_F

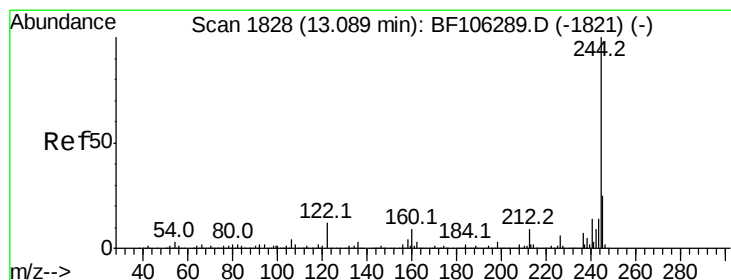
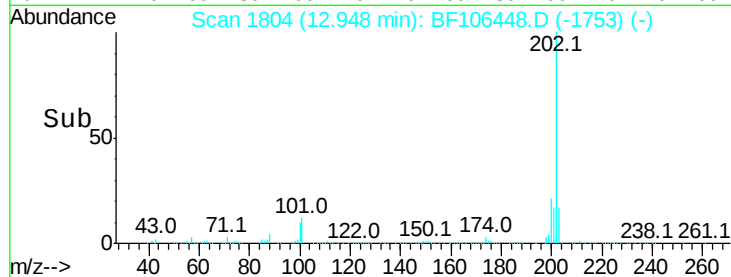
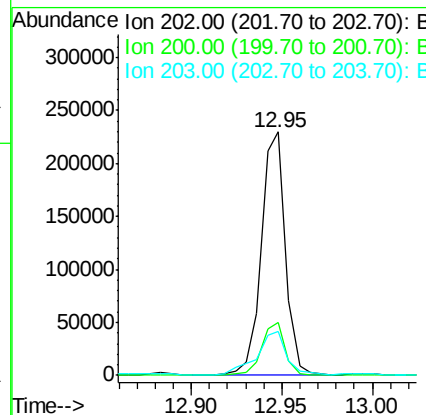
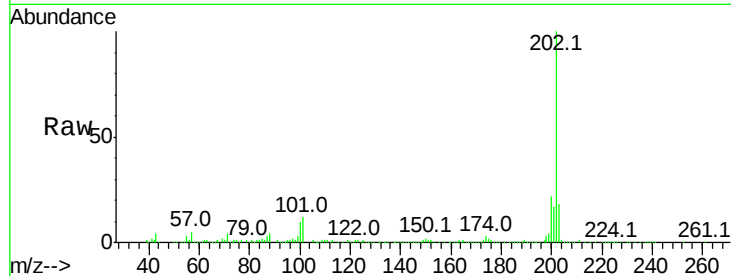
ClientSampleId :

HR-05-061318-B

Tot Ion:	202	Resp:	211312
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.4	26.2
203	17.8	14.3	21.5

Manual Integrations
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#78

Terphenyl-d14

Concen: 19.773 ng

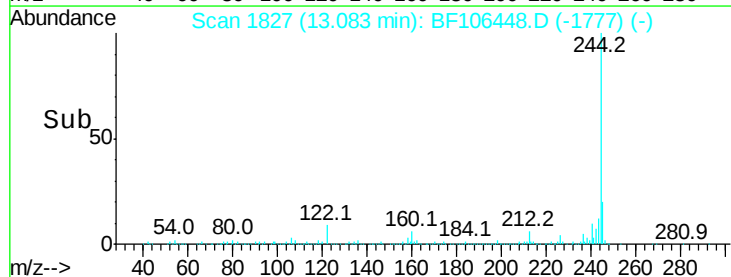
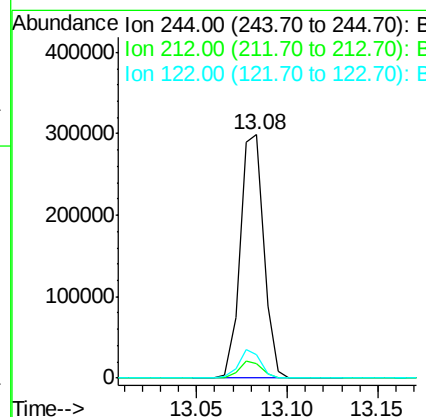
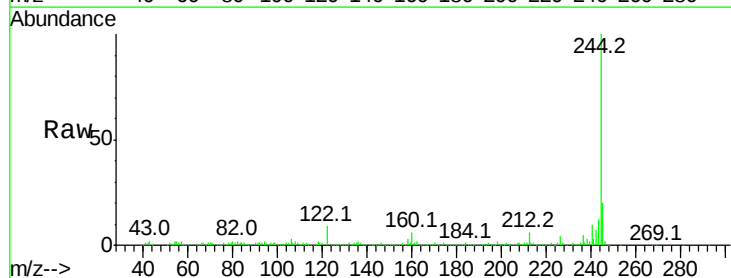
RT: 13.08 min Scan# 1827

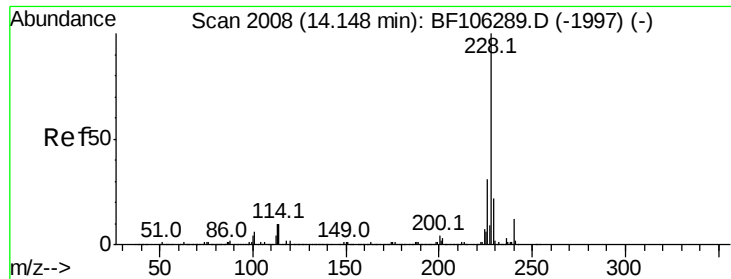
Delta R.T. -0.01 min

Lab File: BF106448.D

Acq: 14 Jun 2018 17:57

Tgt Ion:	244	Resp:	270912
Ion Ratio	Lower	Upper	
244	100		
212	6.2	5.4	8.0
122	9.4	11.0	16.4#





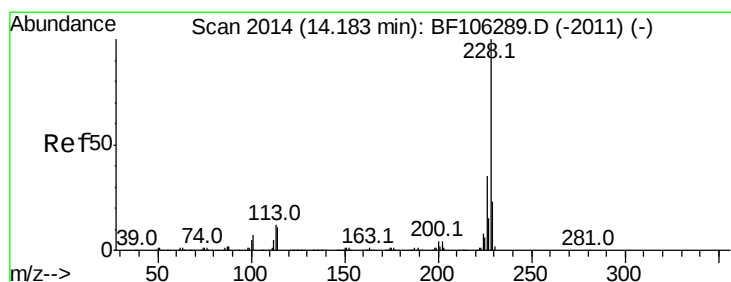
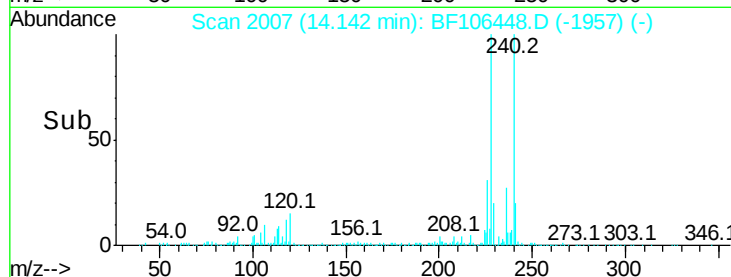
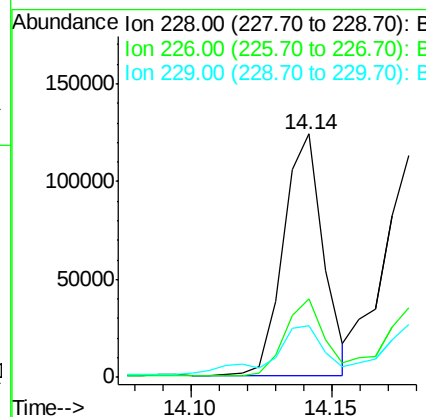
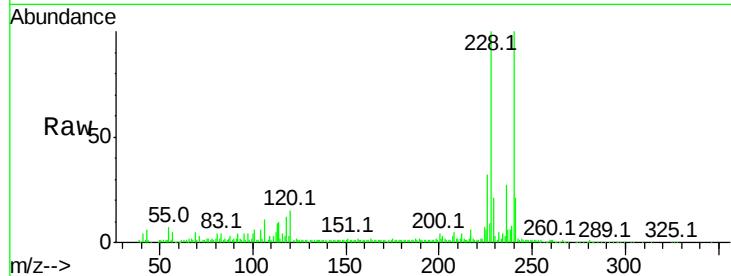
#80
Benzo(a)anthracene
Concen: 5.934 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF106448.D
Acq: 14 Jun 2018 17:57

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.2	22.6	33.8
229	21.4	15.8	23.6

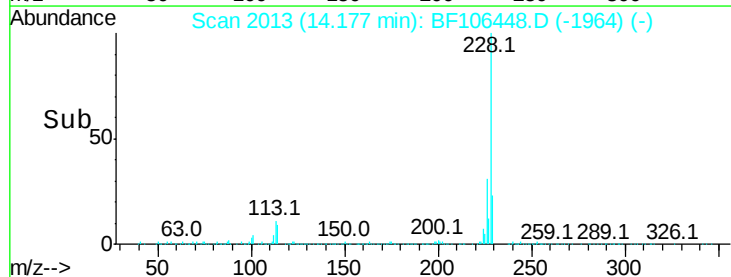
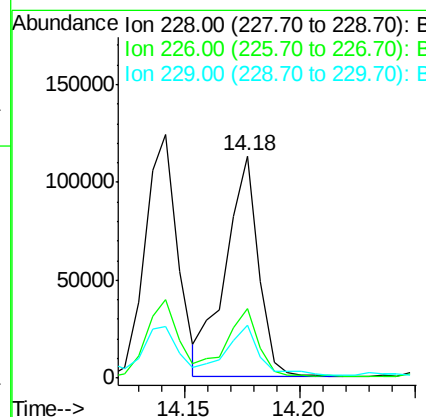
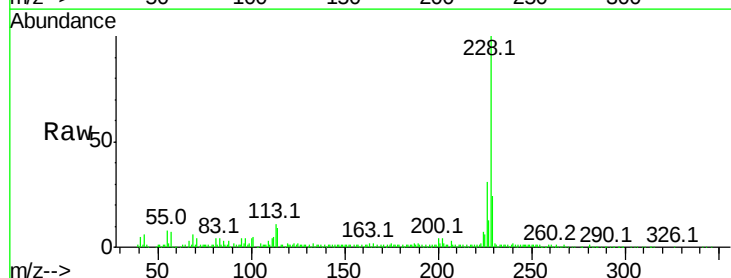
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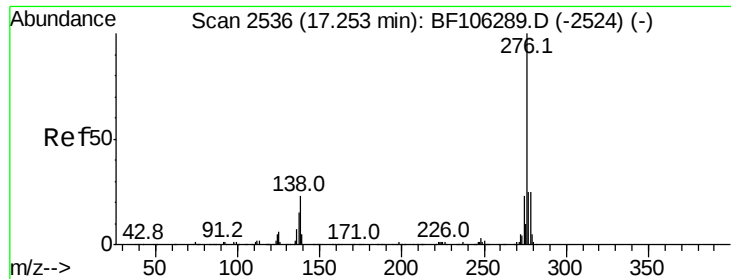
Sohil
6/15/2018 11:16:50 AM



#82
Chrysene
Concen: 6.043 ng
RT: 14.18 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF106448.D
Acq: 14 Jun 2018 17:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	23.9	16.2	24.4





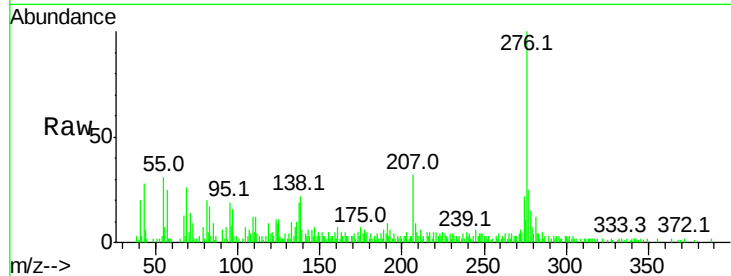
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.789 ng
RT: 17.25 min Scan# 2535
Delta R.T. -0.02 min
Lab File: BF106448.D
Acq: 14 Jun 2018 17:57

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.3	25.0	37.6#
277	24.4	20.1	30.1

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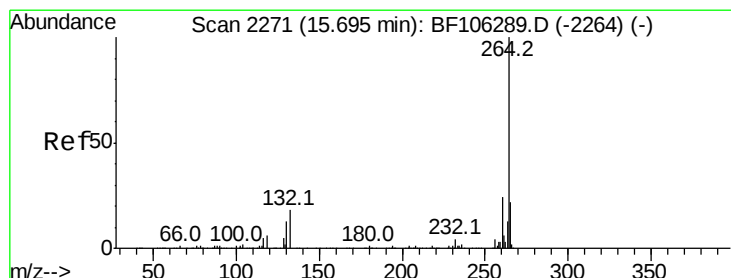
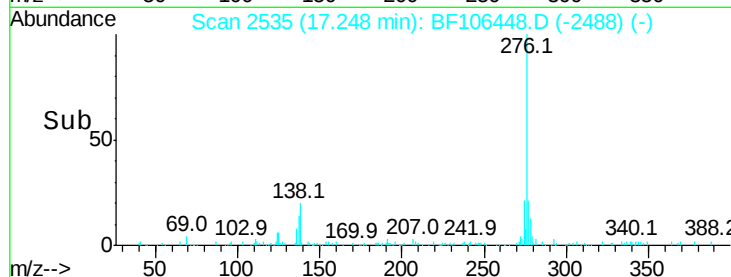
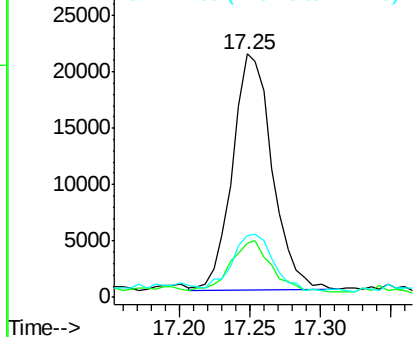


Abundance

Ion 276.00 (275.70 to 276.70): E

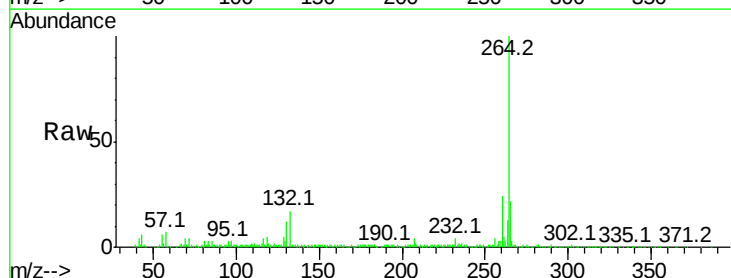
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF106448.D
Acq: 14 Jun 2018 17:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.8	17.5	26.3

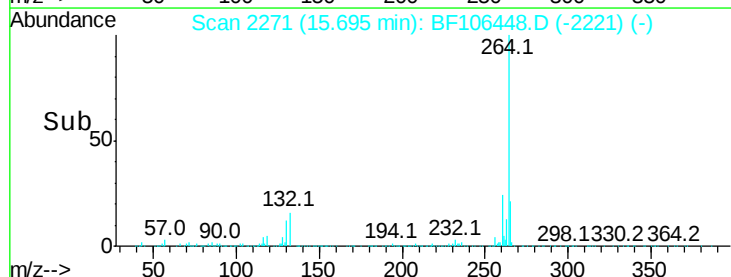
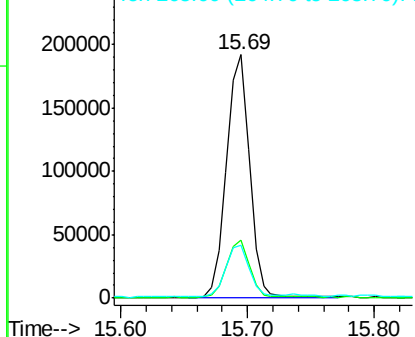


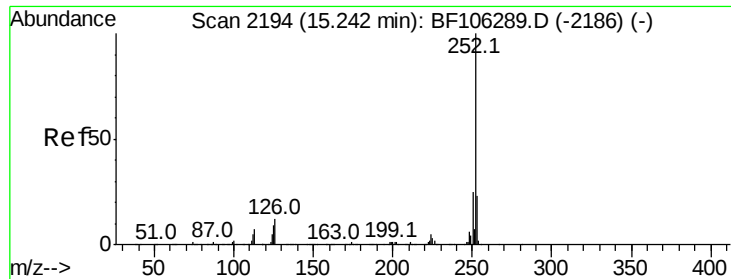
Abundance

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





#87

Benzo(b)fluoranthene

Concen: 8.213 ng m

RT: 15.24 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BF106448.D

Acq: 14 Jun 2018 17:57

Instrument :

BNA_F

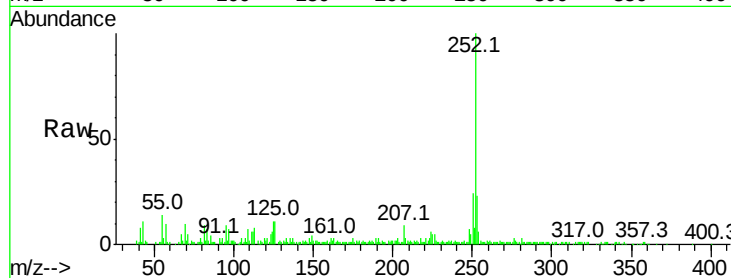
ClientSampleId :

HR-05-061318-B

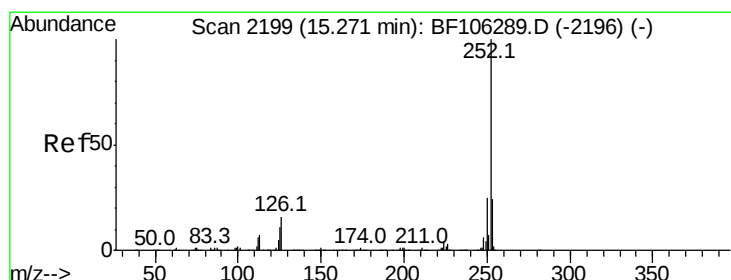
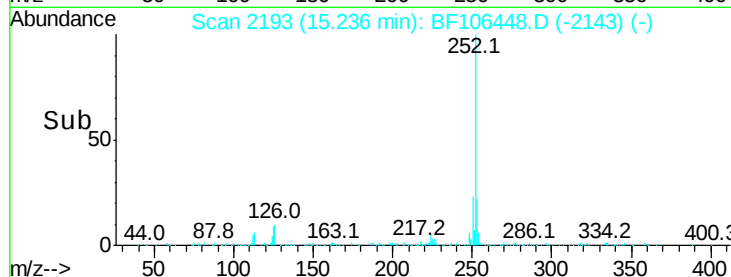
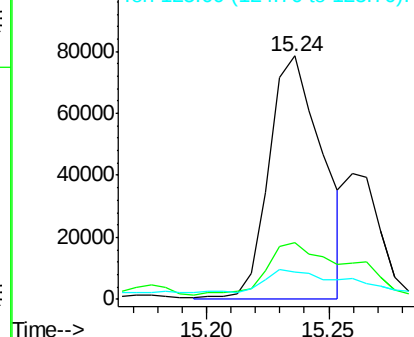
Tot Ion:	252	Resp:	119684
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.0	25.6
125	11.3	9.0	13.6

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 2.886 ng m

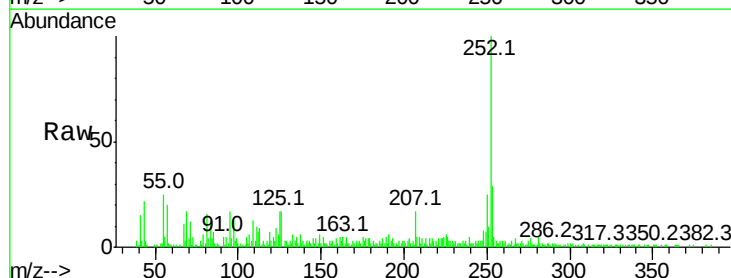
RT: 15.26 min Scan# 2197

Delta R.T. -0.02 min

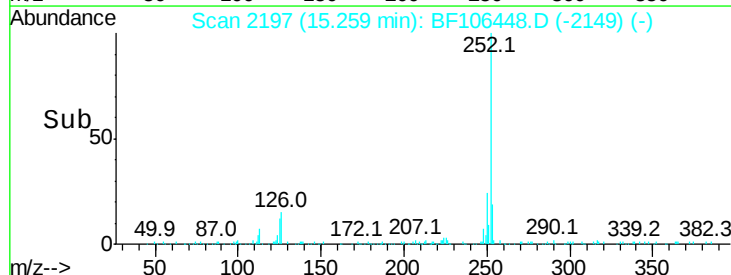
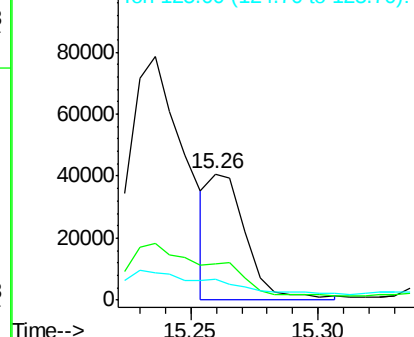
Lab File: BF106448.D

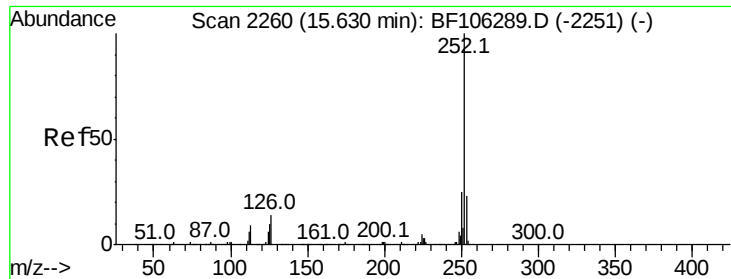
Acq: 14 Jun 2018 17:57

Tgt Ion:	252	Resp:	41648
Ion Ratio	Lower	Upper	
252	100		
253	29.1	17.9	26.9#
125	16.6	10.2	15.2#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





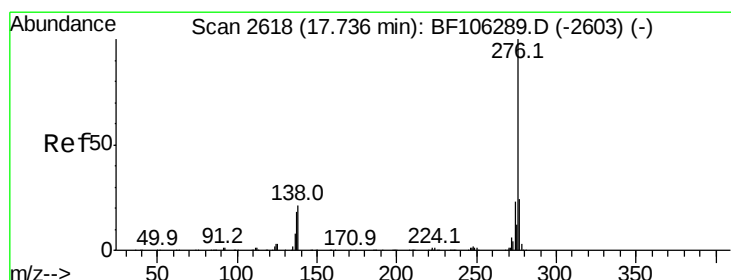
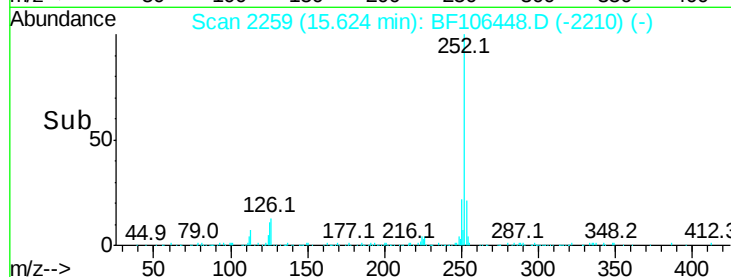
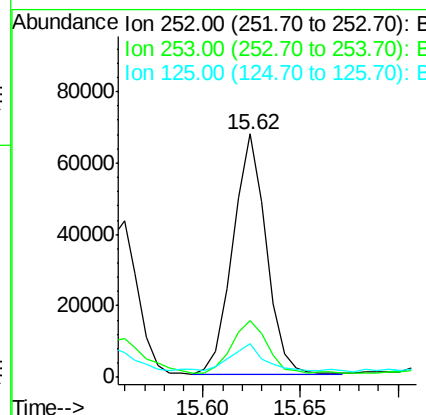
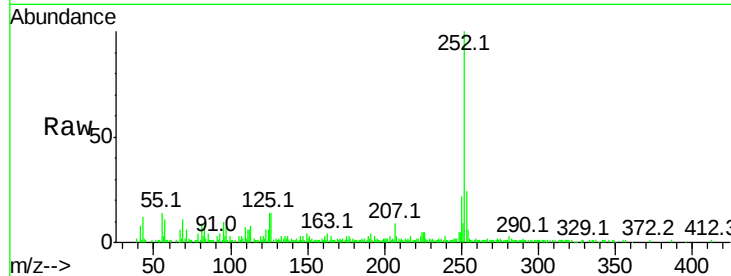
#89
Benzo(a)pyrene
Concen: 6.109 ng
RT: 15.62 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BF106448.D
Acq: 14 Jun 2018 17:57

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.1	25.7
125	13.9	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 3.824 ng
RT: 17.72 min Scan# 2616
Delta R.T. -0.02 min
Lab File: BF106448.D
Acq: 14 Jun 2018 17:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.0	17.9	26.9
138	23.5	21.8	32.8

