

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
 Data File : BF107657.D
 Acq On : 25 Jul 2018 15:19
 Operator : JU/SJ
 Sample : J3821-09 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-072418-B

Manual Integrations
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 7/26/2018 2:02:51 PM

Quant Time: Jul 26 10:06:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	237538	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	917705	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	368100	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	638311	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	506162	20.00	ng	-0.01
86) Perylene-d12	15.68	264	430836	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	606889	41.08	ng	-0.01
7) Phenol-d6	6.60	99	762565	42.99	ng	-0.02
23) Nitrobenzene-d5	7.53	82	470399	34.59	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	182237	43.54	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	823487	30.77	ng	-0.02
78) Terphenyl-d14	13.08	244	662043	33.49	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.71	163	191648	6.908	ng	Qvalue # 99
74) Fluoranthene	12.72	202	104600	3.134	ng	97
77) Pyrene	12.95	202	119786	3.460	ng	97
82) Chrysene	14.18	228	60114m	2.110	ng	
87) Benzo(b)fluoranthene	15.22	252	51742m	2.194	ng	

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

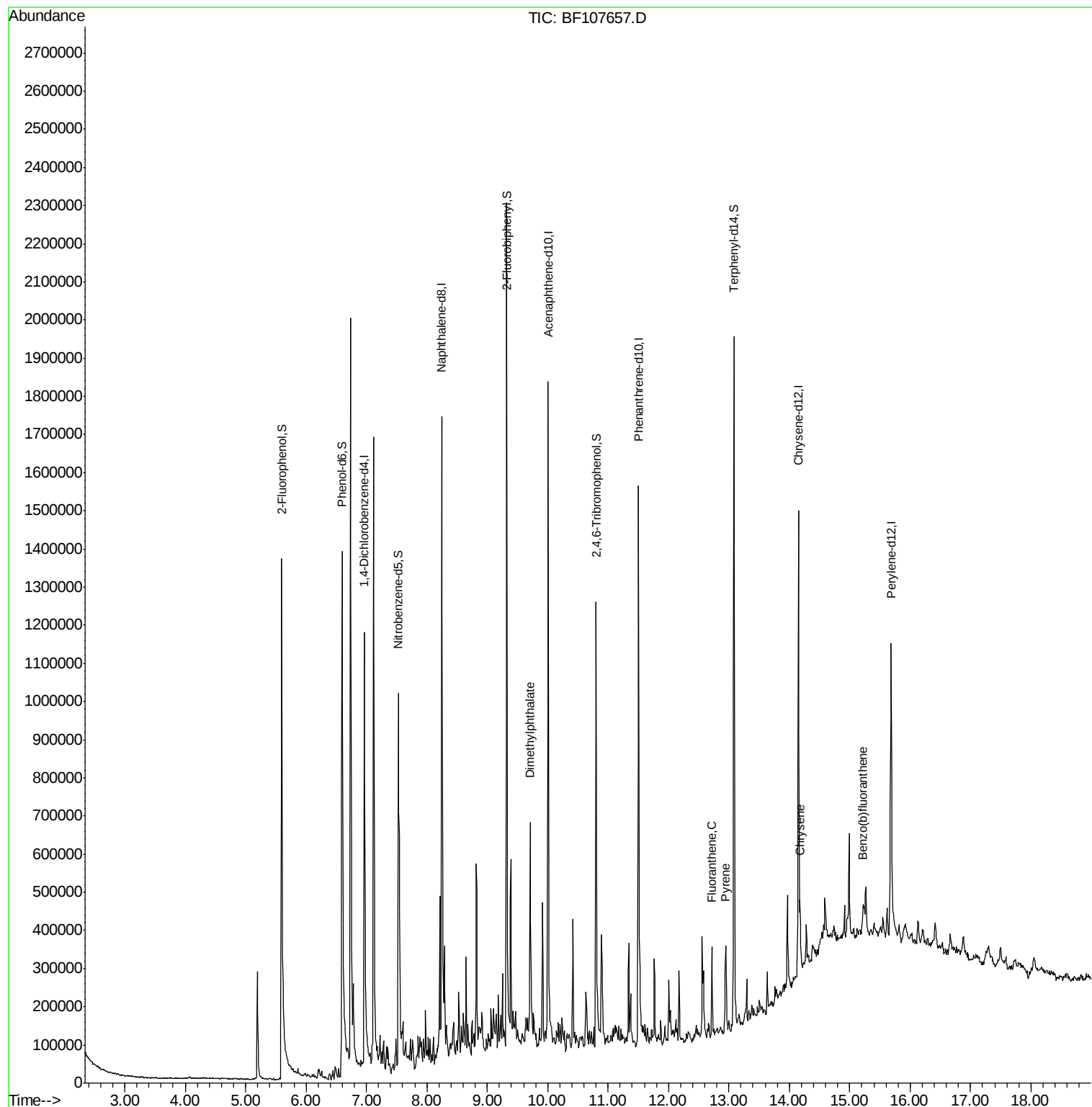
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
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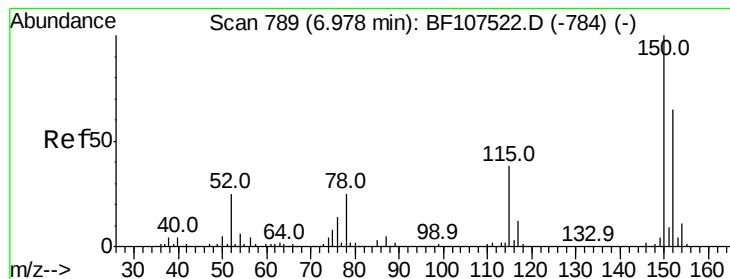
Instrument :
BNA_F
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HR-06-072418-B

Quant Time: Jul 26 10:06:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

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#1

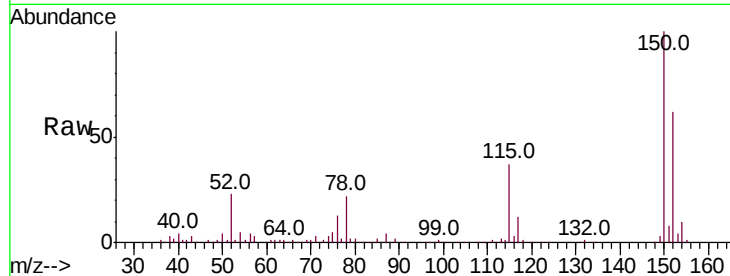
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107657.D
Acq: 25 Jul 2018 15:19

Instrument :
BNA_F
ClientSampleId :
HR-06-072418-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.9	124.6	186.8
115	59.4	50.1	75.1

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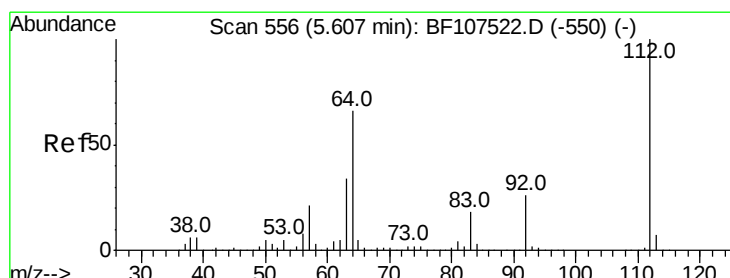
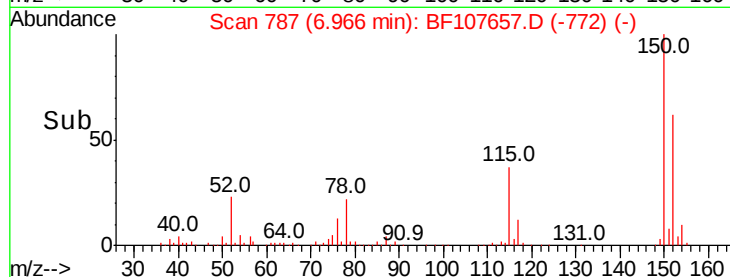
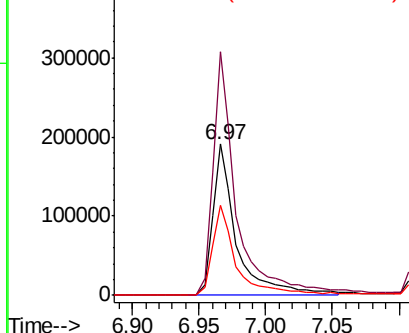


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

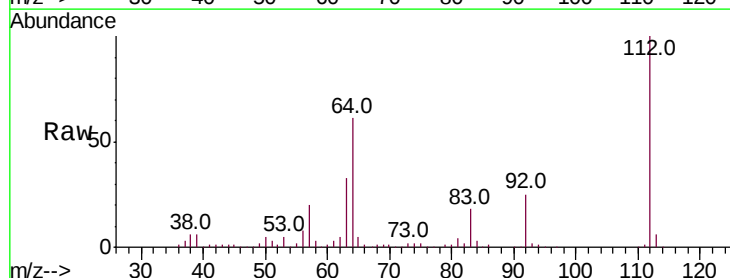
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 41.078 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107657.D
Acq: 25 Jul 2018 15:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.4	47.9	71.9
63	32.8	23.7	35.5

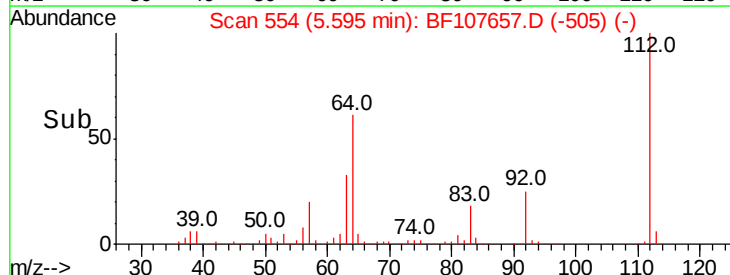
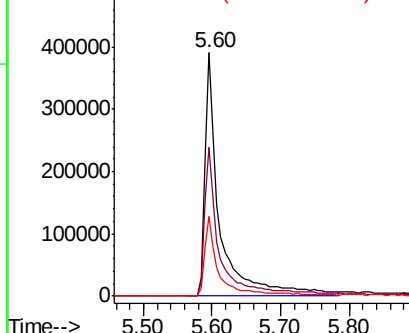


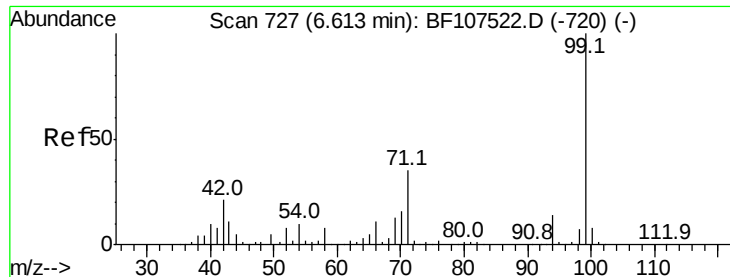
Abundance

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





#7

Phenol-d6

Concen: 42.986 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107657.D

Acq: 25 Jul 2018 15:19

Instrument :

BNA_F

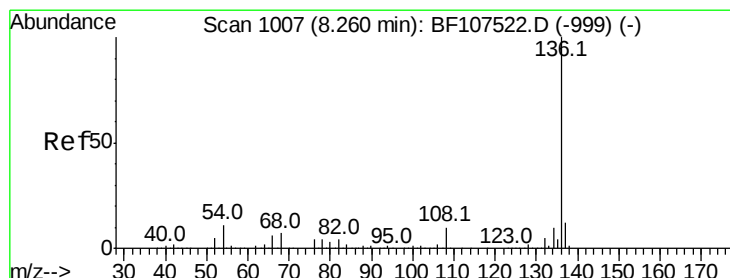
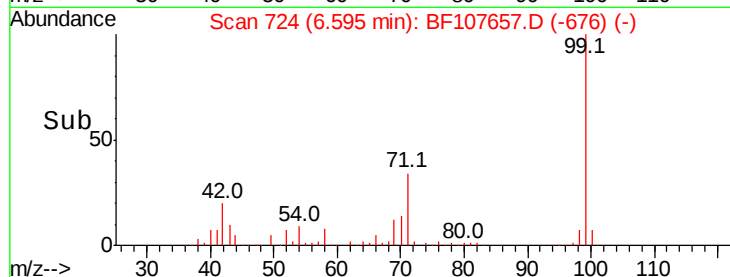
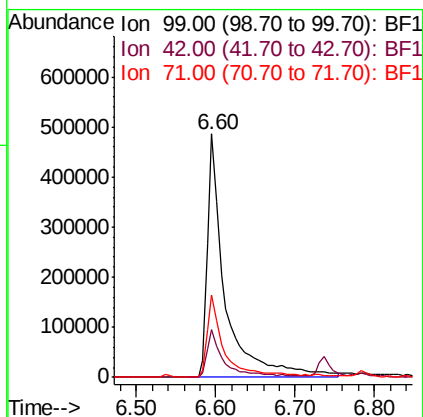
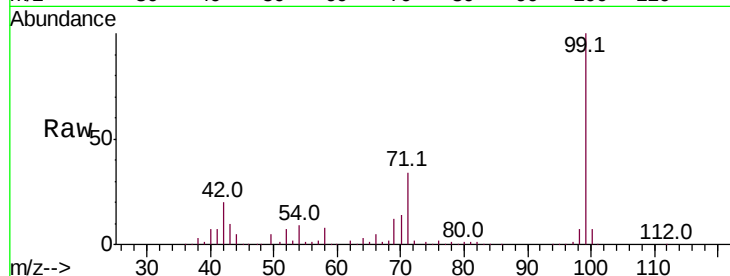
ClientSampleId :

HR-06-072418-B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		762565		
42	19.6	14.5	21.7		
71	33.6	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

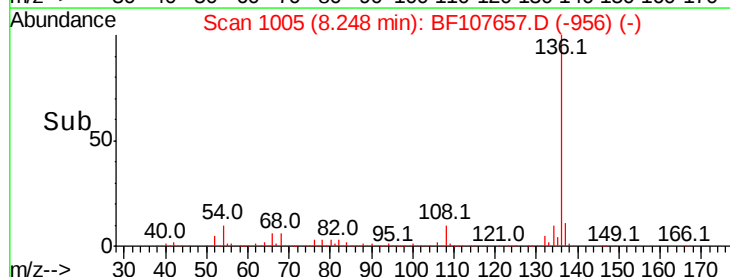
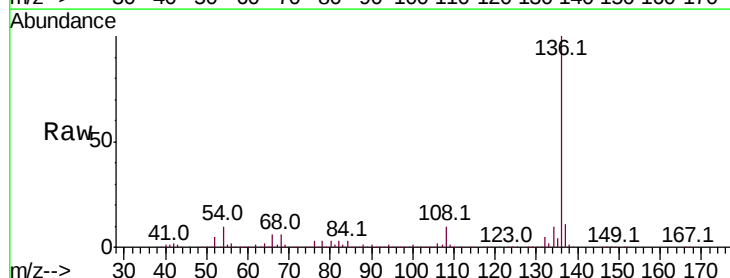
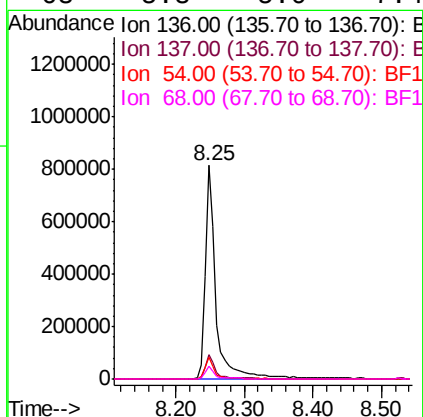
RT: 8.25 min Scan# 1005

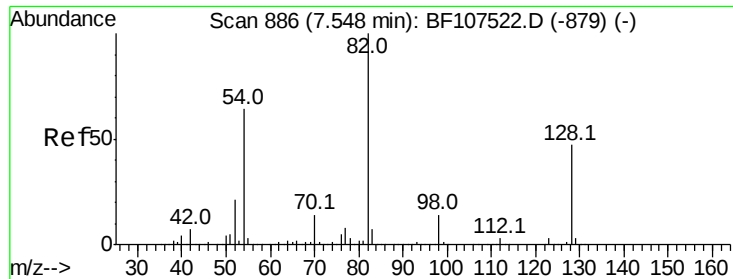
Delta R.T. -0.01 min

Lab File: BF107657.D

Acq: 25 Jul 2018 15:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		917705		
137	11.2	8.9	13.3		
54	10.0	6.6	9.8#		
68	5.8	5.0	7.4		





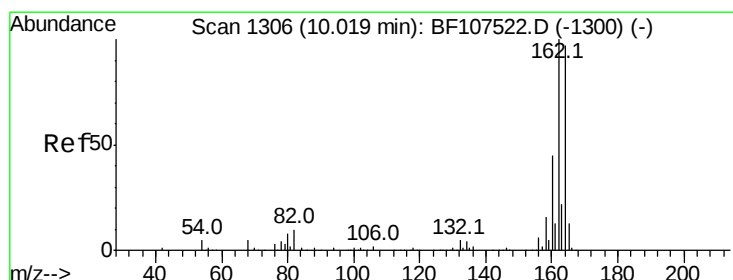
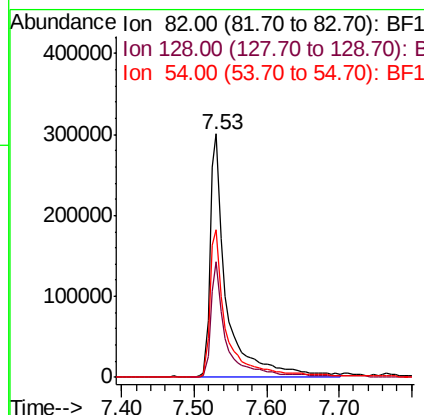
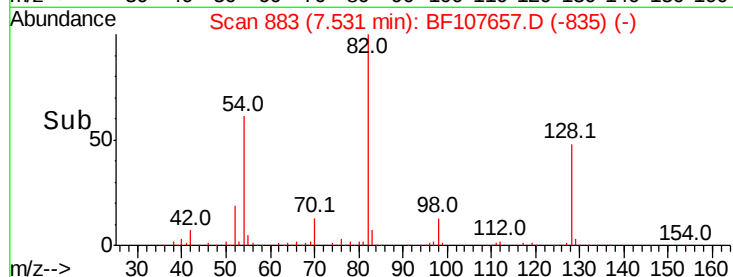
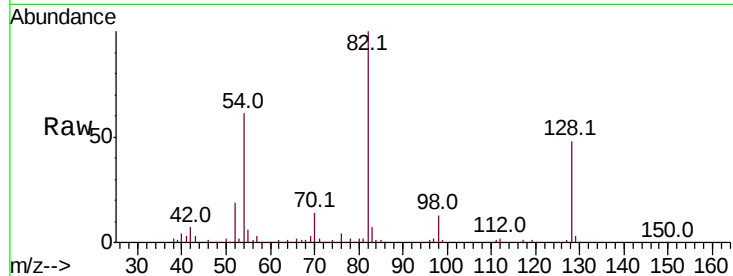
#23
Nitrobenzene-d5
Concen: 34.593 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF107657.D
Acq: 25 Jul 2018 15:19

Instrument :
BNA_F
ClientSampleId :
HR-06-072418-B

Tot Ion	82	Resp	470399
Ion Ratio	Lower	Upper	
82	100		
128	47.6	36.1	54.1
54	60.8	41.4	62.2

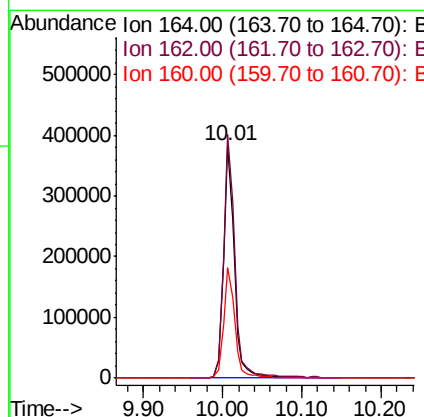
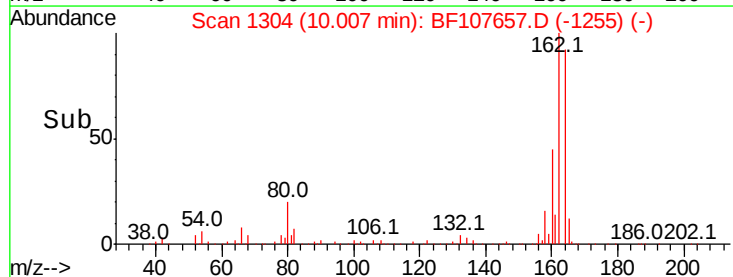
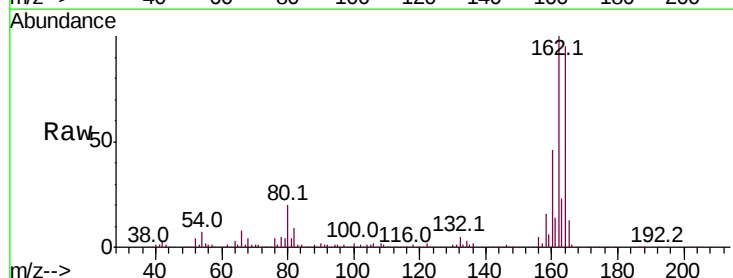
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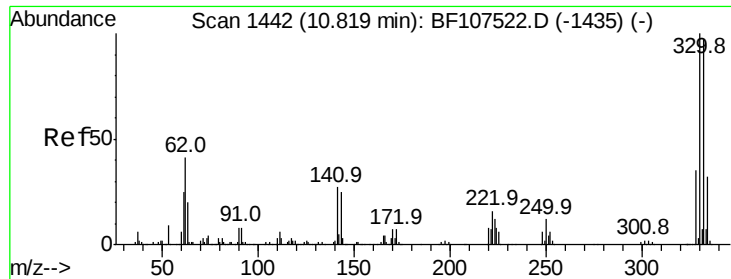
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF107657.D
Acq: 25 Jul 2018 15:19

Tgt Ion	164	Resp	368100
Ion Ratio	Lower	Upper	
164	100		
162	104.9	86.1	129.1
160	47.8	38.3	57.5





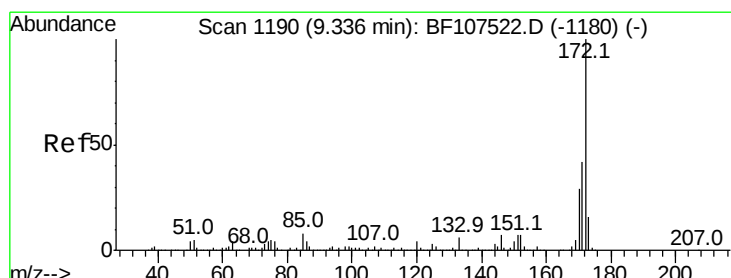
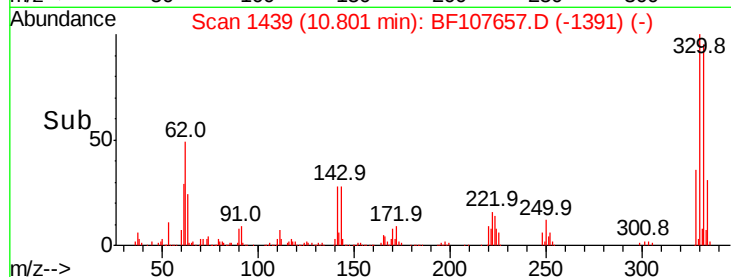
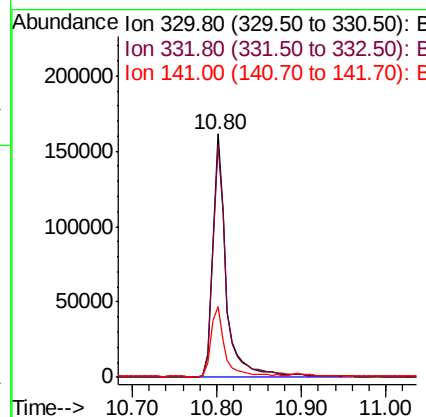
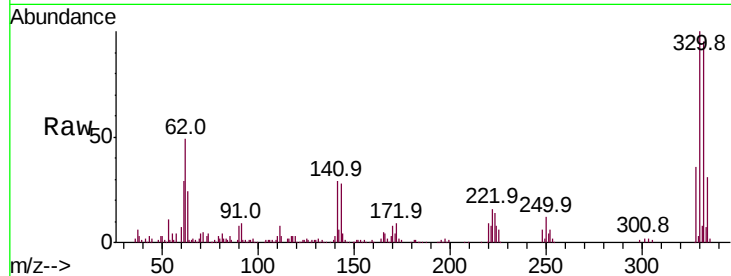
#41
 2,4,6-Tribromophenol
 Concen: 43.536 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF107657.D
 Acq: 25 Jul 2018 15:19

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-072418-B

Tot Ion	Ratio	Resp	Lower	Upper
330	100	182237		
332	98.6	77.0	115.6	
141	29.2	29.9	44.9#	

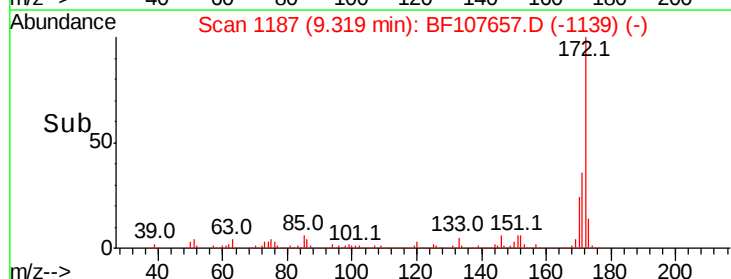
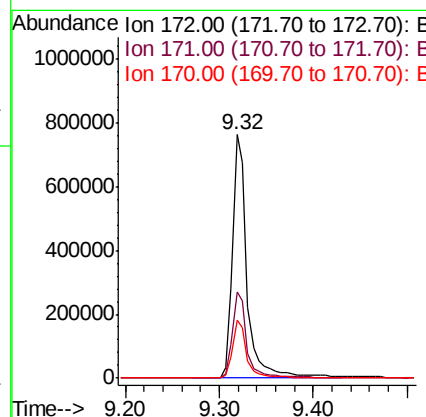
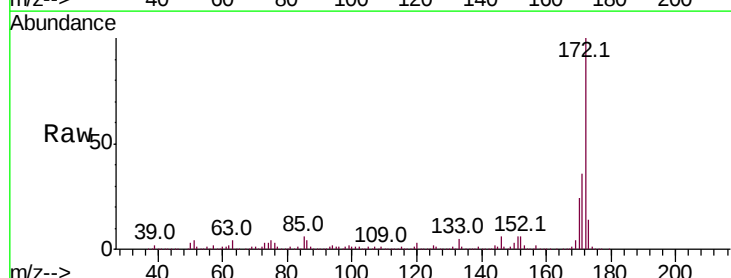
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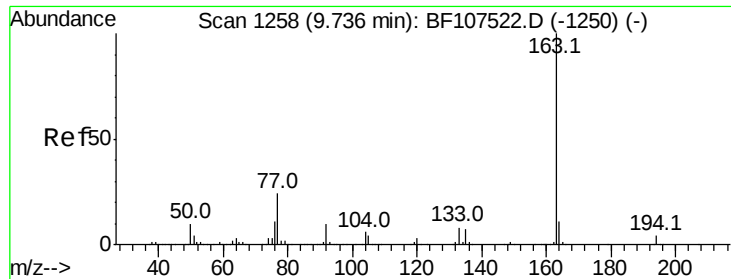
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#44
 2-Fluorobiphenyl
 Concen: 30.774 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.02 min
 Lab File: BF107657.D
 Acq: 25 Jul 2018 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	823487		
171	35.5	29.7	44.5	
170	24.0	19.6	29.4	





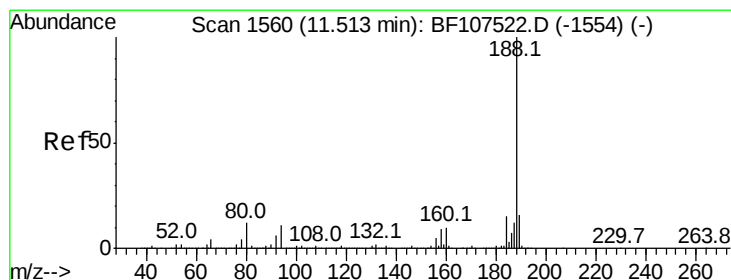
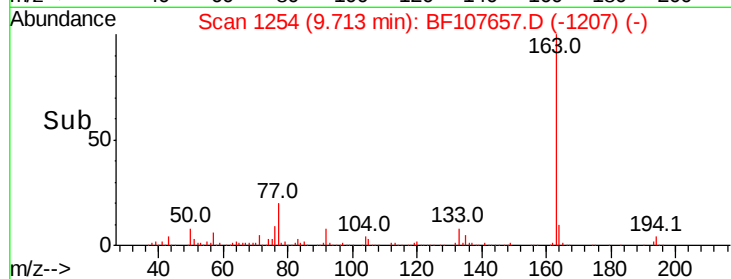
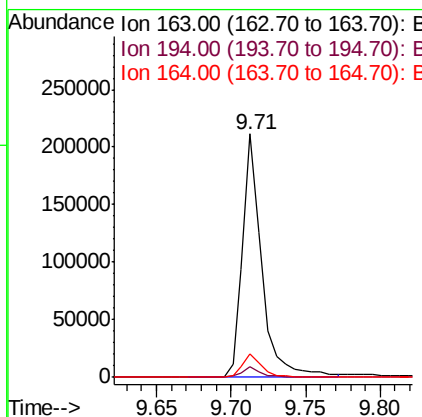
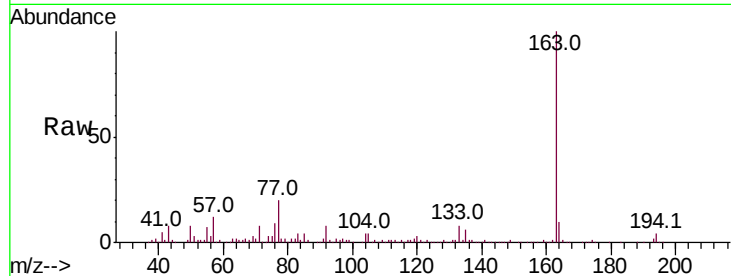
#49
Dimethylphthalate
Concen: 6.908 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF107657.D
Acq: 25 Jul 2018 15:19

Instrument :
BNA_F
ClientSampleId :
HR-06-072418-B

Tot Ion	Ratio	Resp	Lower	Upper
163	100	191648		
194	4.2	2.7	4.1#	
164	9.8	8.2	12.2	

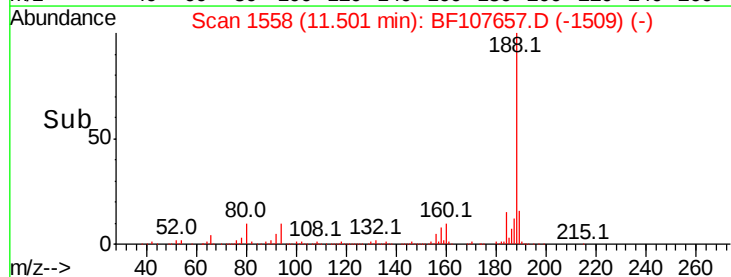
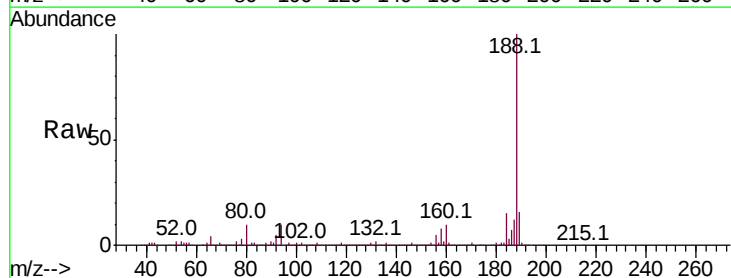
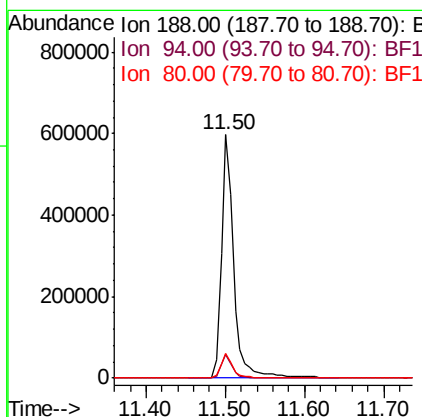
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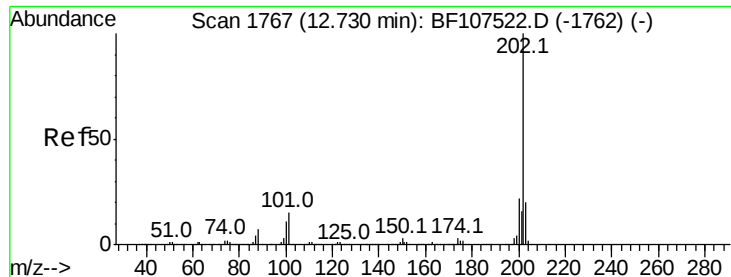
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF107657.D
Acq: 25 Jul 2018 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	638311		
94	9.6	8.5	12.7	
80	10.2	9.2	13.8	





#74

Fluoranthene

Concen: 3.134 ng

RT: 12.72 min Scan# 1765

Delta R.T. -0.01 min

Lab File: BF107657.D

Acq: 25 Jul 2018 15:19

Instrument :

BNA_F

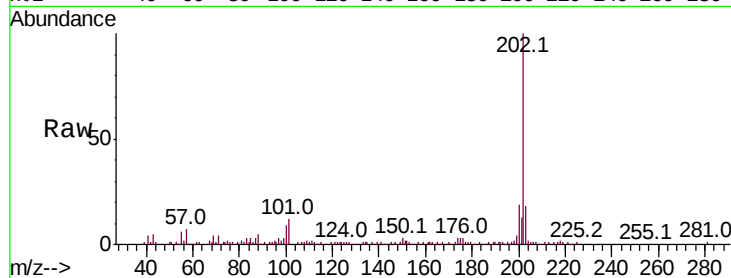
ClientSampleId :

HR-06-072418-B

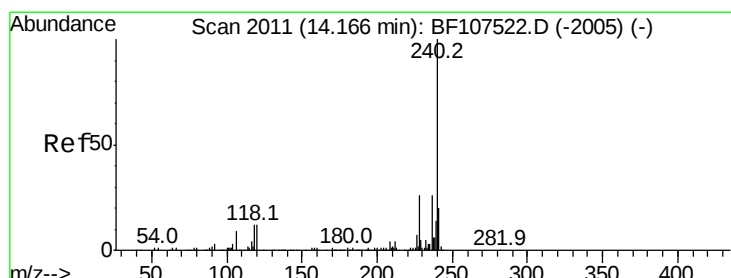
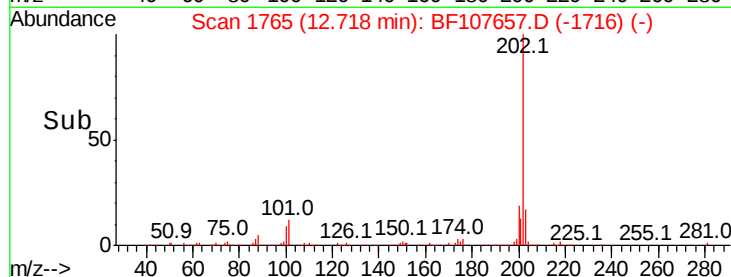
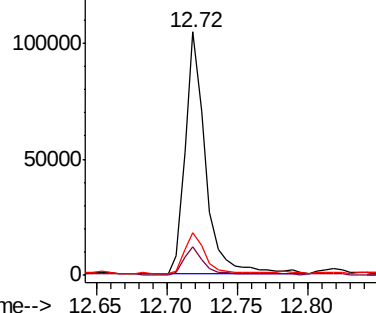
Tot Ion:	202	Resp:	104600
Ion Ratio	Lower	Upper	
202	100		
101	11.8	0.0	34.1
203	17.6	0.0	38.1

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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: 20.000 ng

RT: 14.15 min Scan# 2009

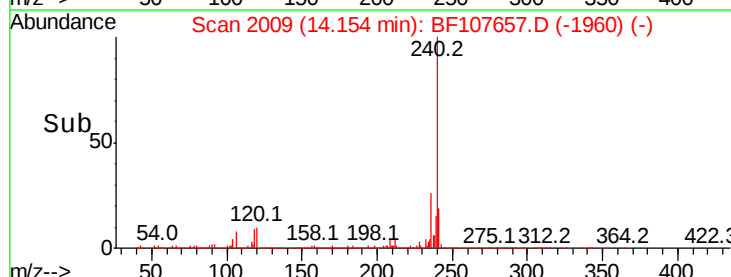
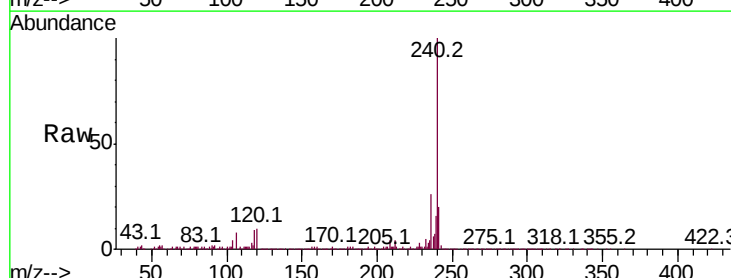
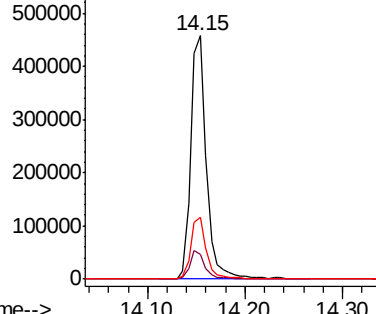
Delta R.T. -0.01 min

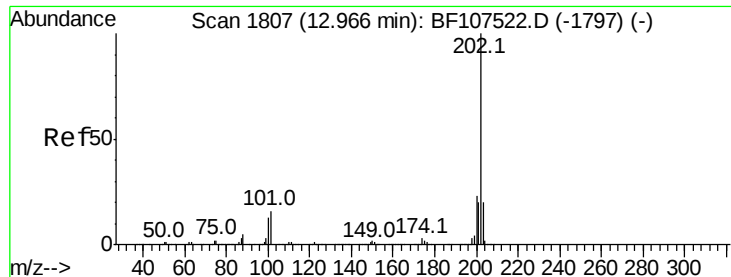
Lab File: BF107657.D

Acq: 25 Jul 2018 15:19

Tgt Ion:	240	Resp:	506162
Ion Ratio	Lower	Upper	
240	100		
120	9.9	9.5	14.3
236	25.6	20.7	31.1

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

Pvrene

Concen: 3.460 ng

RT: 12.95 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF107657.D

Acq: 25 Jul 2018 15:19

Instrument :

BNA_F

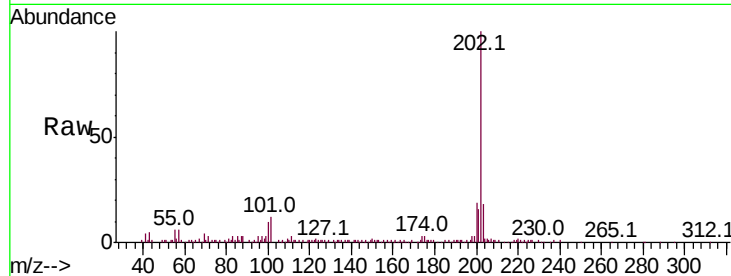
ClientSampleId :

HR-06-072418-B

Tot Ion:	202	Resp:	119786
Ion Ratio	Lower	Upper	
202	100		
200	19.4	17.4	26.2
203	18.0	14.3	21.5

Manual Integrations
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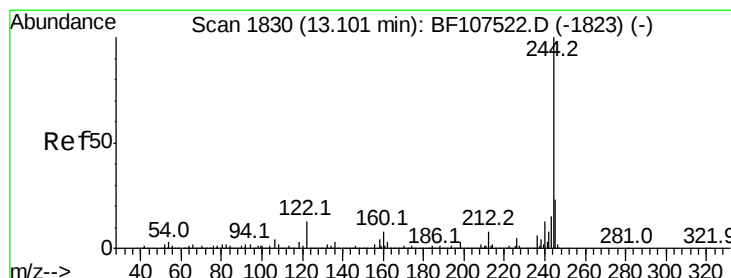
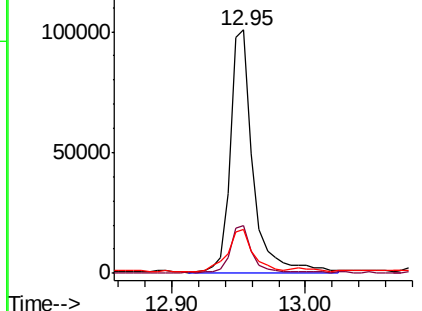
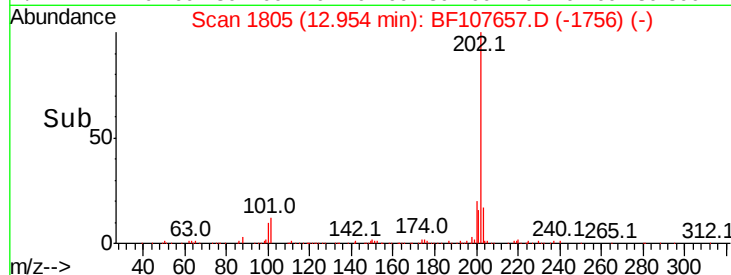
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 33.485 ng

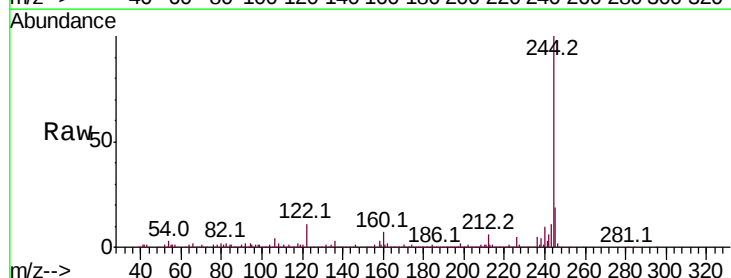
RT: 13.08 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF107657.D

Acq: 25 Jul 2018 15:19

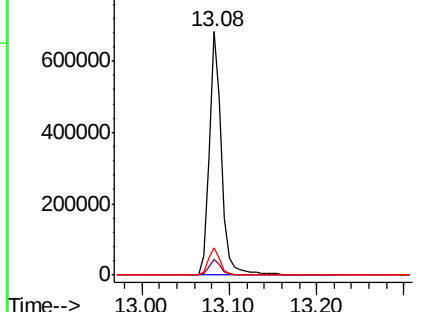
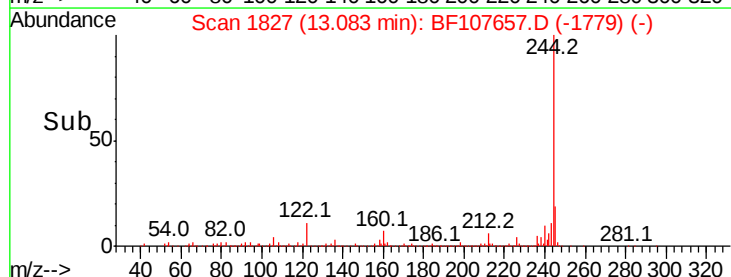
Tgt Ion:	244	Resp:	662043
Ion Ratio	Lower	Upper	
244	100		
212	6.4	5.4	8.0
122	11.3	11.0	16.4

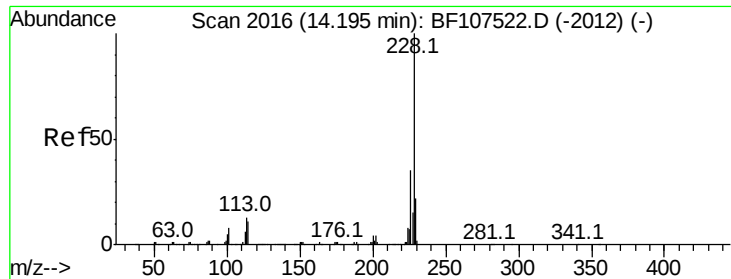


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





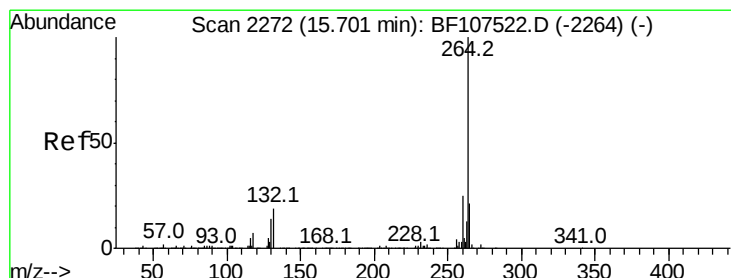
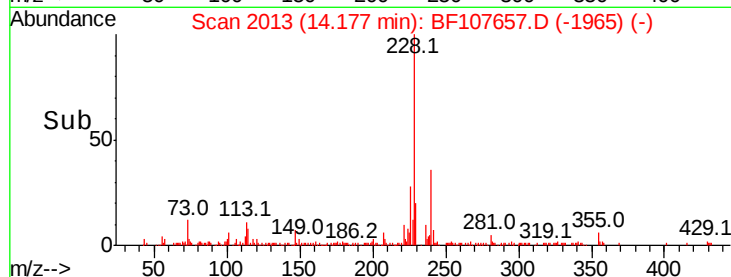
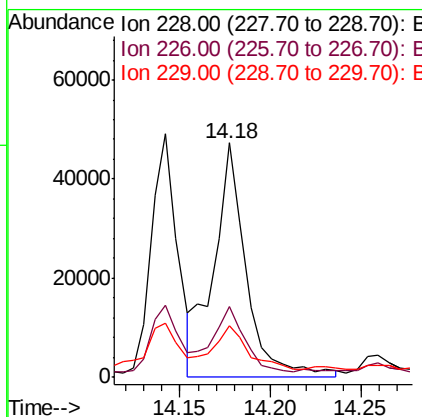
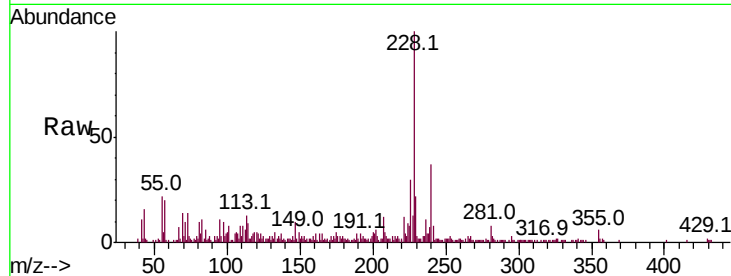
#82
Chrysene
Concen: 2.110 ng/ml
RT: 14.18 min Scan# 2013
Delta R.T. -0.02 min
Lab File: BF107657.D
Acq: 25 Jul 2018 15:19

Instrument :
BNA_F
ClientSampleId :
HR-06-072418-B

Tot Ion:	228	Resp:	60114
Ion Ratio	Lower	Upper	
228	100		
226	30.3	25.0	37.6
229	22.2	16.2	24.4

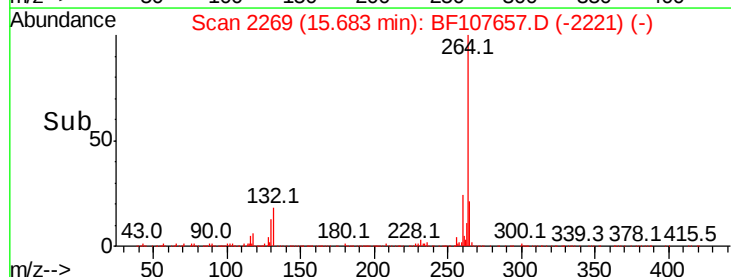
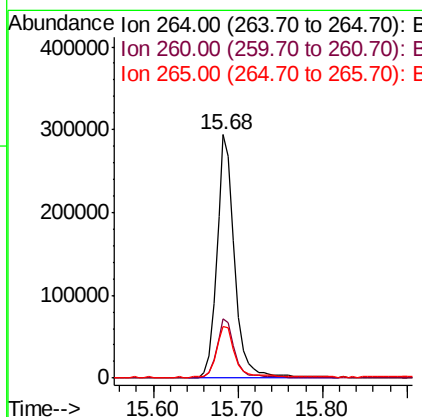
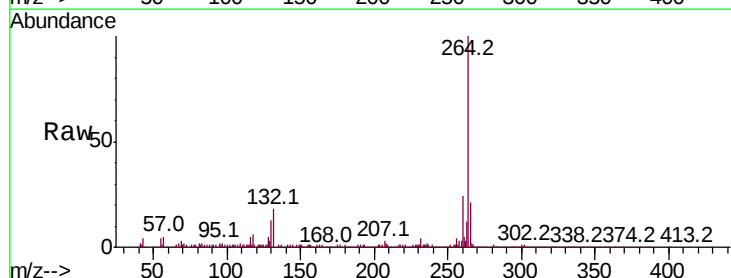
Manual Integrations
APPROVED

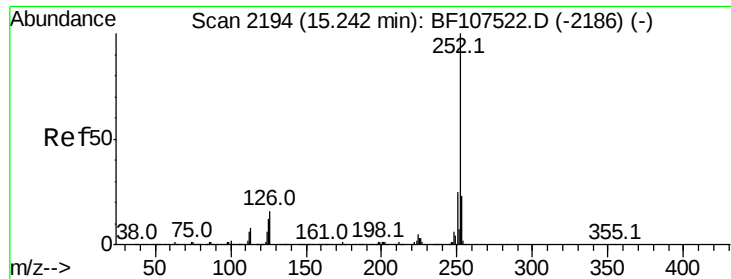
Sohil
7/26/2018 2:02:51 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF107657.D
Acq: 25 Jul 2018 15:19

Tgt Ion:	264	Resp:	430836
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.2	28.8
265	21.3	17.5	26.3





#87
 Benzo(b)fluoranthene
 Concen: 2.194 ng m
 RT: 15.22 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: BF107657.D
 Acq: 25 Jul 2018 15:19

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-072418-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.9	17.0	25.6#
125	20.2	9.0	13.6#

Manual Integrations
 APPROVED

Sohil
 7/26/2018 2:02:51 PM

