

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071718\
 Data File : BF107444.D
 Acq On : 17 Jul 2018 12:54
 Operator : JU/SJ
 Sample : J3819-05 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-071318-C

Manual Integrations
 APPROVED

Sohil
 7/18/2018 10:43:51 AM

Quant Time: Jul 17 14:26:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 17 11:29:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	154782	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	584073	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	296490	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	560758	20.00	ng	0.00
75) Chrysene-d12	14.17	240	469733	20.00	ng	0.00
86) Perylene-d12	15.71	264	400965	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	458585	45.00	ng	0.00
7) Phenol-d6	6.60	99	592018	44.93	ng	0.00
23) Nitrobenzene-d5	7.54	82	425239	38.82	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	130142	49.96	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	702377	32.85	ng	-0.01
78) Terphenyl-d14	13.11	244	626843	33.16	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.73	163	128048	5.436	ng	96
53) 2,4-Dinitrophenol	10.06	184	585	2.792	ng	# 42
70) Phenanthrene	11.54	178	61438	2.198	ng	97
74) Fluoranthene	12.74	202	100119	3.152	ng	95
77) Pyrene	12.97	202	100313	3.140	ng	96
87) Benzo(b)fluoranthene	15.24	252	72252m	3.079	ng	
88) Benzo(k)fluoranthene	15.24	252	99569	4.347	ng	# 86
89) Benzo(a)pyrene	15.63	252	51128	2.374	ng	# 93

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

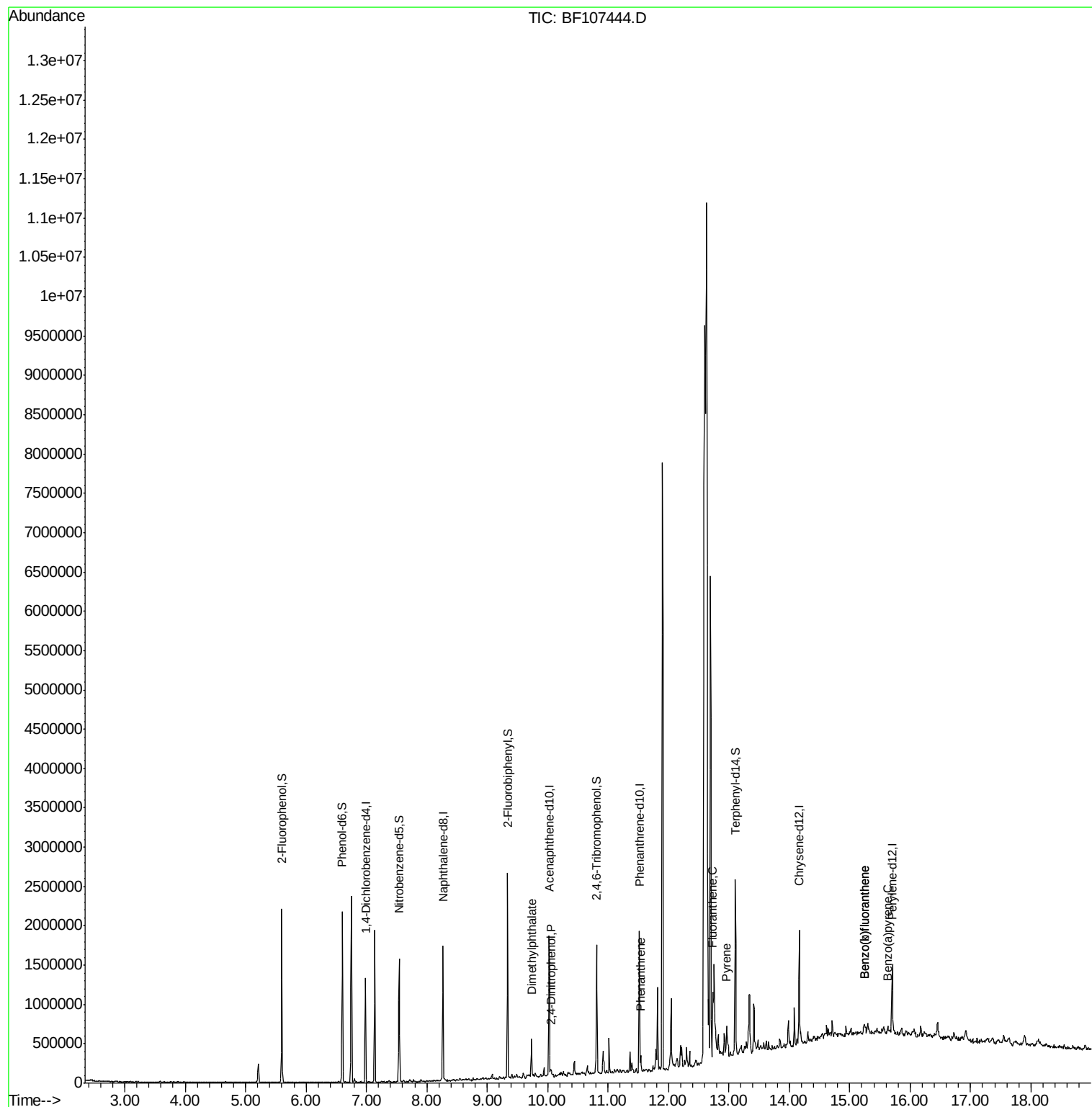
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071718\
Data File : BF107444.D
Acq On : 17 Jul 2018 12:54
Operator : JU/SJ
Sample : J3819-05 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

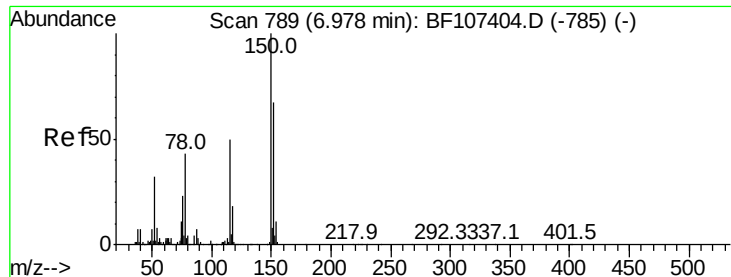
Instrument :
BNA_F
ClientSampleId :
AU-05-071318-C

Manual Integrations
APPROVED

Sohil
7/18/2018 10:43:51 AM

Quant Time: Jul 17 14:26:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 17 11:29:08 2018
Response via : Initial Calibration





#1

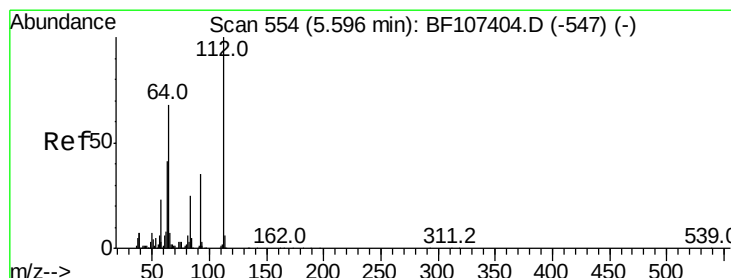
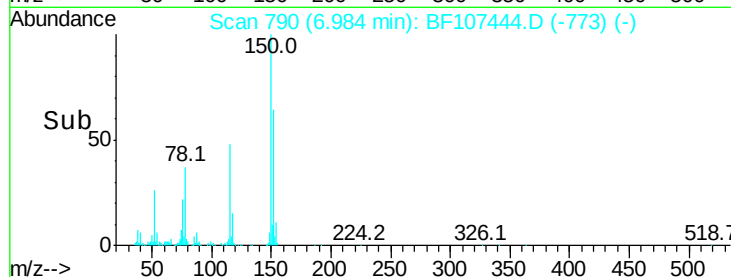
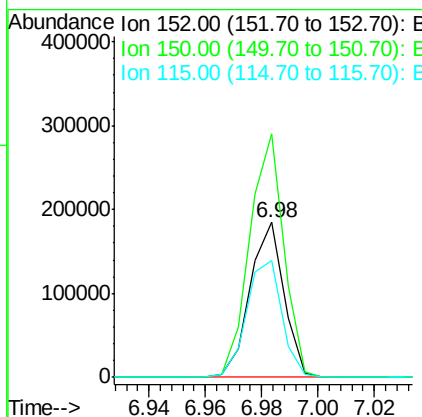
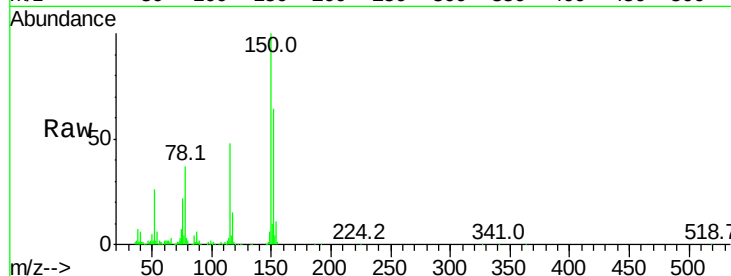
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF107444.D
Acq: 17 Jul 2018 12:54

Instrument :
BNA_F
ClientSampleId :
AU-05-071318-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.6	186.8
115	75.6	50.1	75.1#

Manual Integrations
APPROVED

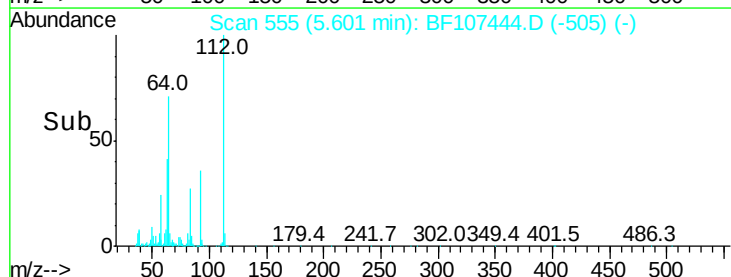
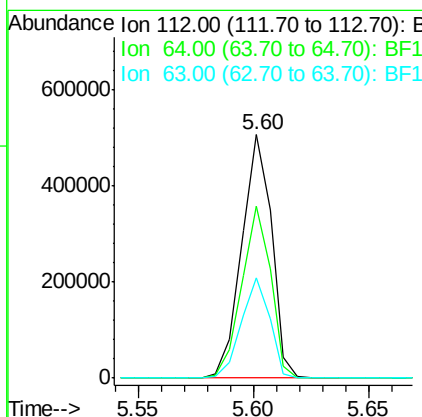
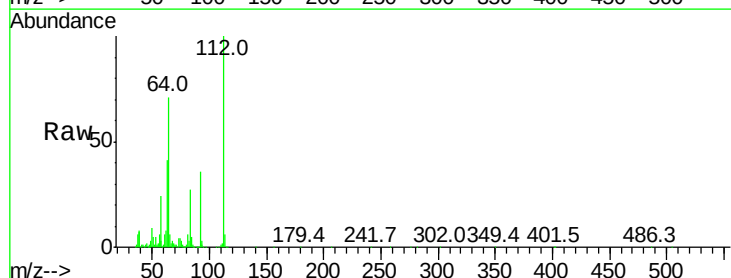
Sohil
7/18/2018 10:43:51 AM

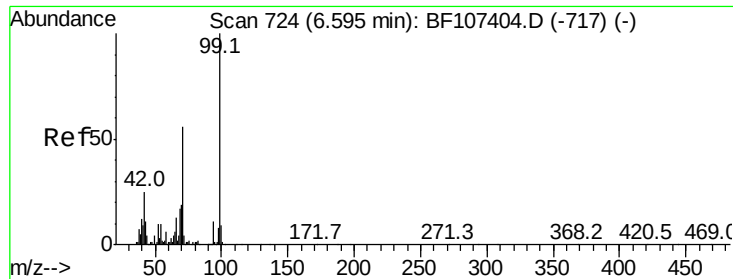


#5

2-Fluorophenol
Concen: 44.997 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF107444.D
Acq: 17 Jul 2018 12:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.8	47.9	71.9
63	41.2	23.7	35.5#





#7

Phenol-d6

Concen: 44.930 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107444.D

Acq: 17 Jul 2018 12:54

Instrument :

BNA_F

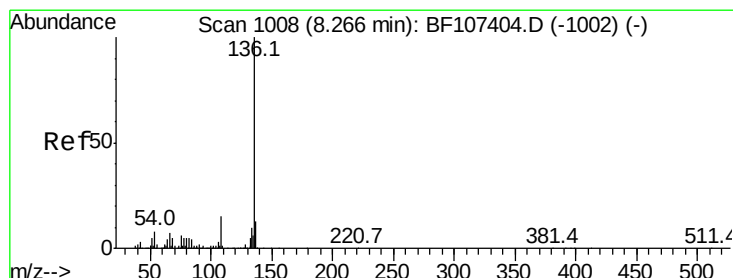
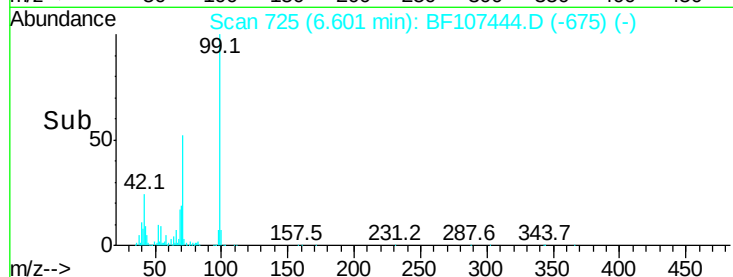
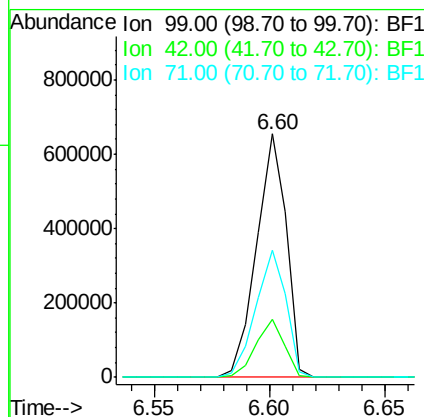
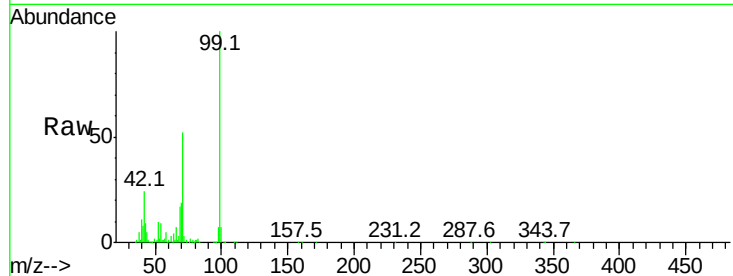
ClientSampleId :

AU-05-071318-C

Tot Ion	Ratio	Resp	Lower	Upper
99	100	592018		
42	23.9	14.5	21.7#	
71	52.2	25.4	38.0#	

Manual Integrations
APPROVED

Sohil
7/18/2018 10:43:51 AM



#21

Naphthalene-d8

Concen: 20.000 ng

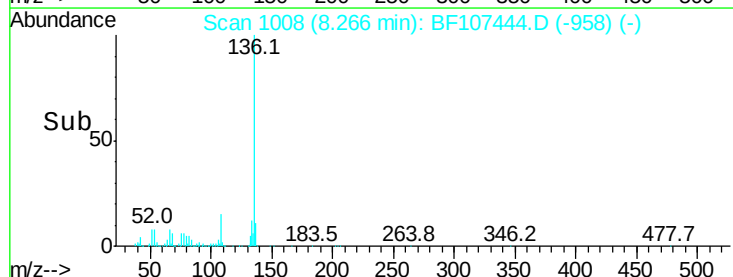
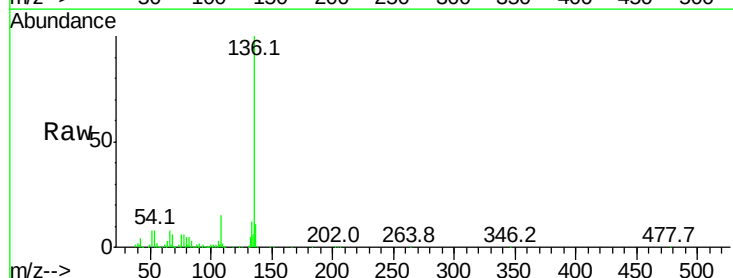
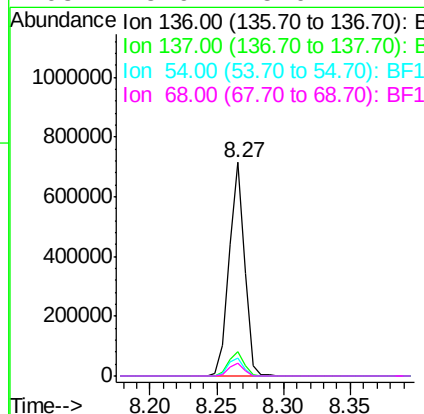
RT: 8.27 min Scan# 1008

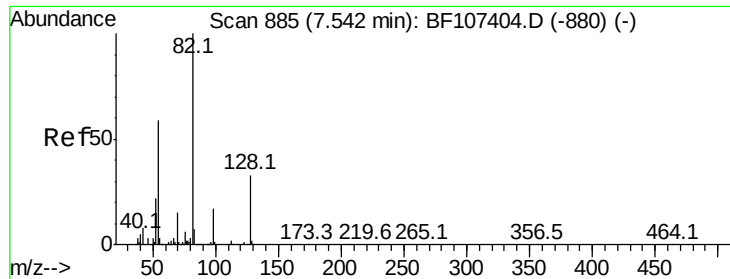
Delta R.T. -0.01 min

Lab File: BF107444.D

Acq: 17 Jul 2018 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	584073		
137	11.1	8.9	13.3	
54	8.3	6.6	9.8	
68	5.9	5.0	7.4	





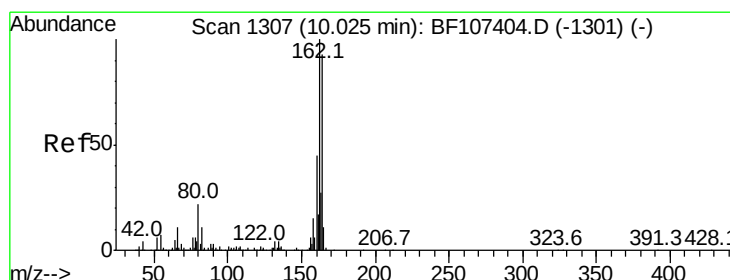
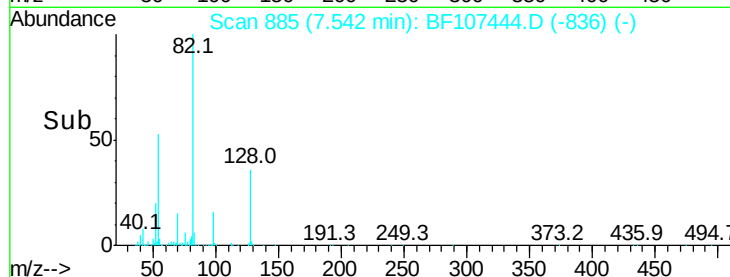
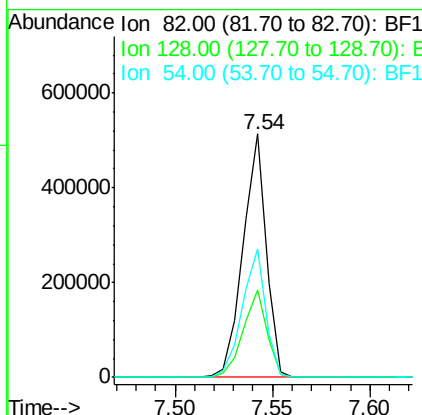
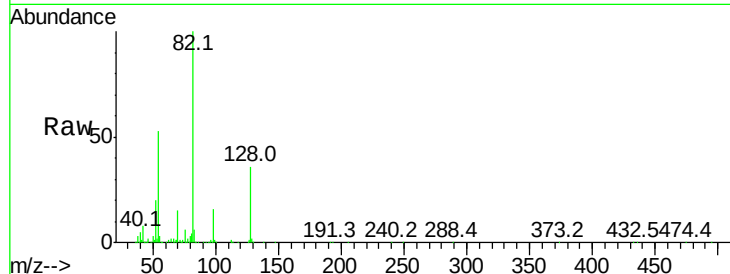
#23
Nitrobenzene-d5
Concen: 38.823 ng
RT: 7.54 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF107444.D
Acq: 17 Jul 2018 12:54

Instrument :
BNA_F
ClientSampleId :
AU-05-071318-C

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.9	36.1	54.1#
54	53.0	41.4	62.2

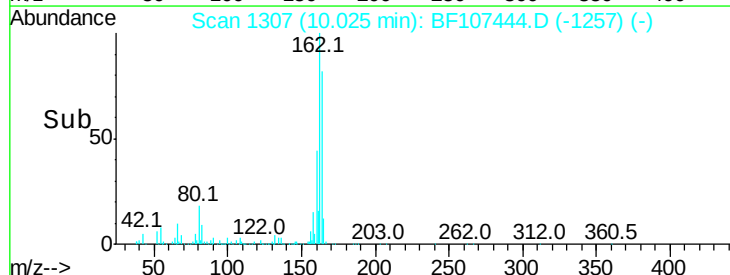
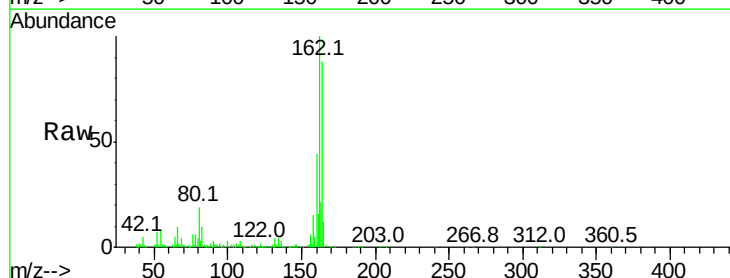
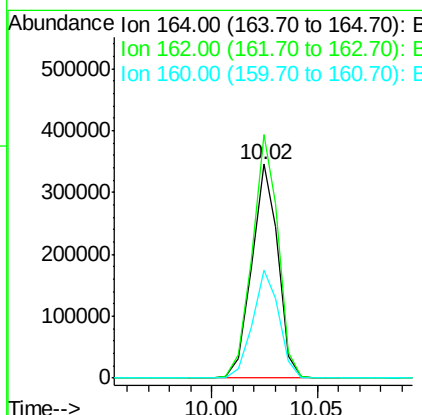
Manual Integrations
APPROVED

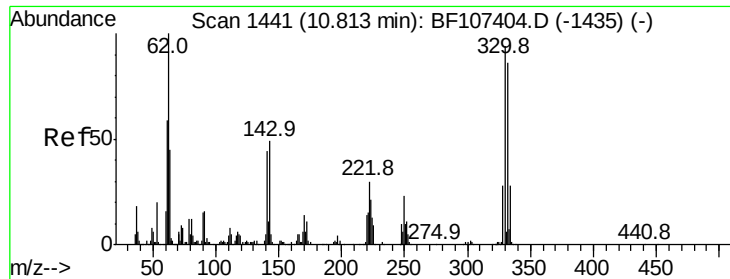
Sohil
7/18/2018 10:43:51 AM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF107444.D
Acq: 17 Jul 2018 12:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	113.8	86.1	129.1
160	50.5	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 49.958 ng

RT: 10.82 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF107444.D

Acq: 17 Jul 2018 12:54

Instrument :

BNA_F

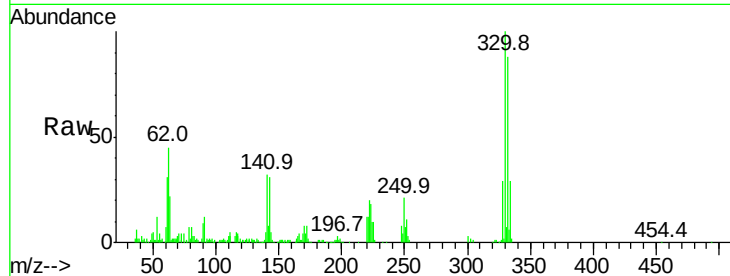
ClientSampleId :

AU-05-071318-C

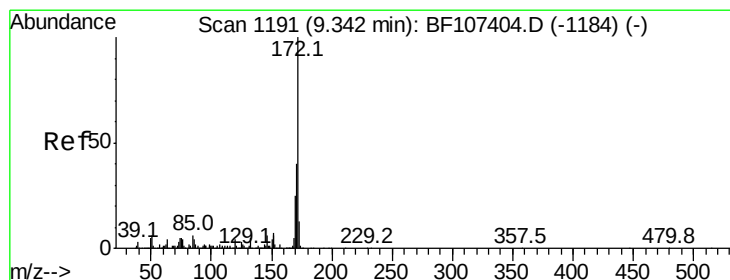
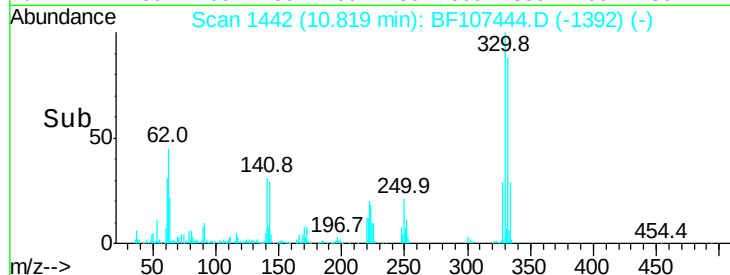
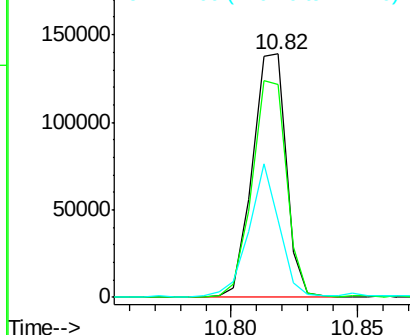
Tot Ion:	330	Resp:	130142
Ion Ratio	Lower	Upper	
330	100		
332	91.1	77.0	115.6
141	49.7	29.9	44.9#

Manual Integrations
APPROVED

Sohil
7/18/2018 10:43:51 AM



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: 32.848 ng

RT: 9.34 min Scan# 1190

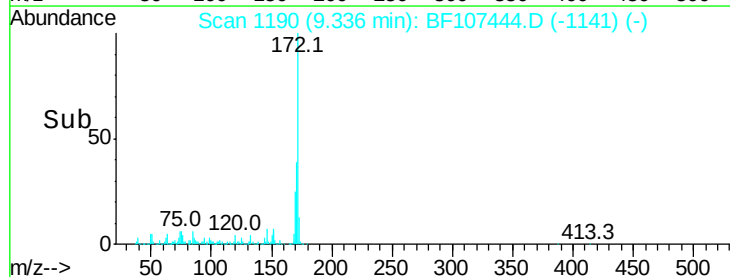
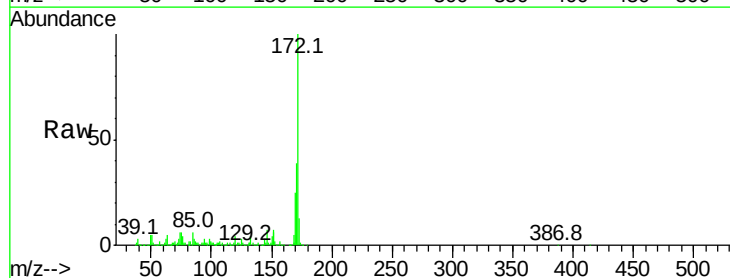
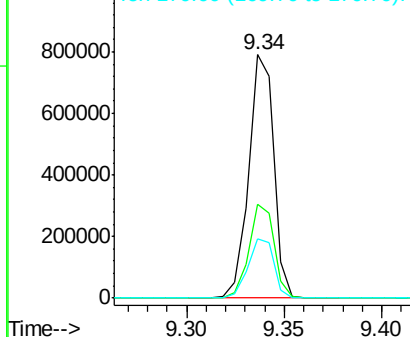
Delta R.T. -0.01 min

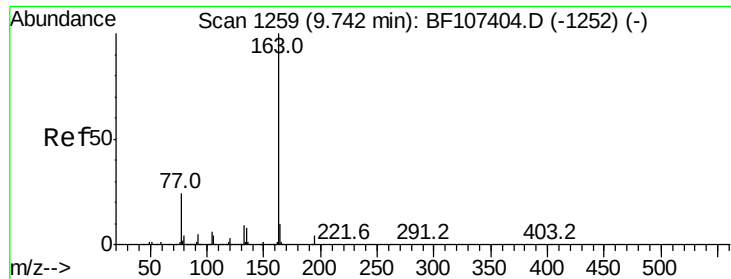
Lab File: BF107444.D

Acq: 17 Jul 2018 12:54

Tgt Ion:	172	Resp:	702377
Ion Ratio	Lower	Upper	
172	100		
171	38.8	29.7	44.5
170	24.6	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





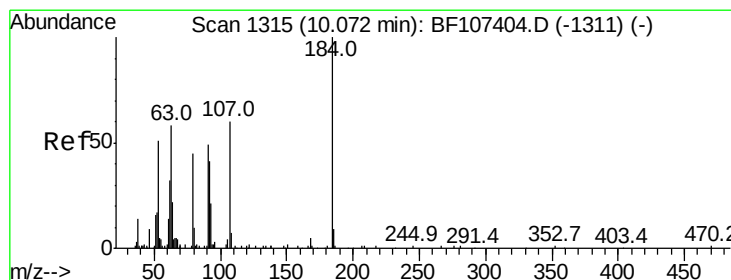
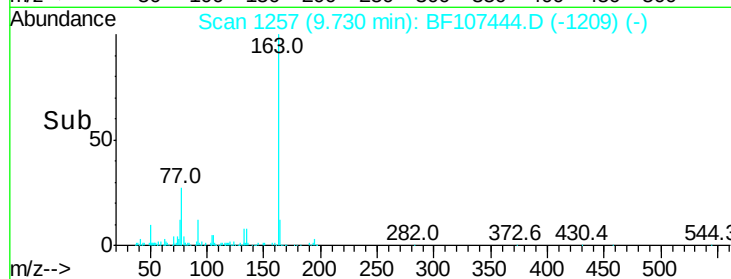
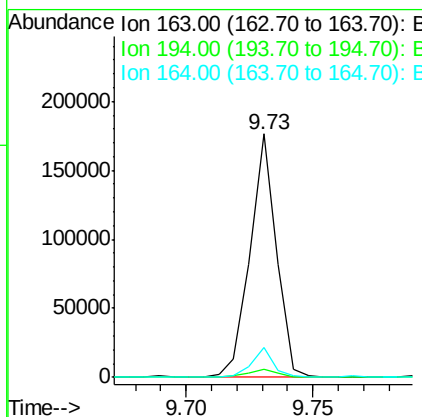
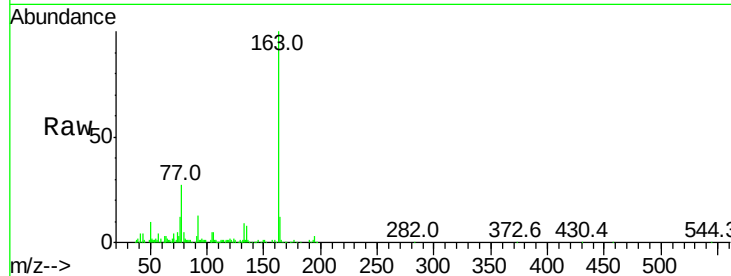
#49
Dimethylphthalate
Concen: 5.436 ng
RT: 9.73 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF107444.D
Acq: 17 Jul 2018 12:54

Instrument :
BNA_F
ClientSampleId :
AU-05-071318-C

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.2	2.7	4.1	
164	12.2	8.2	12.2	

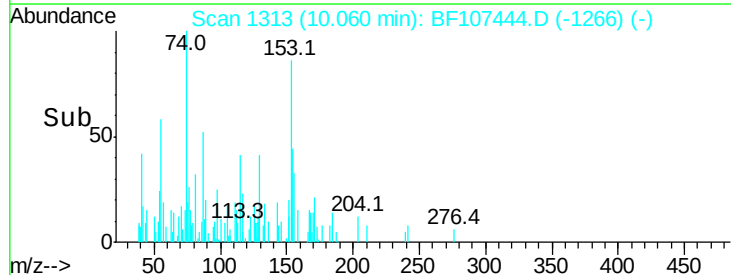
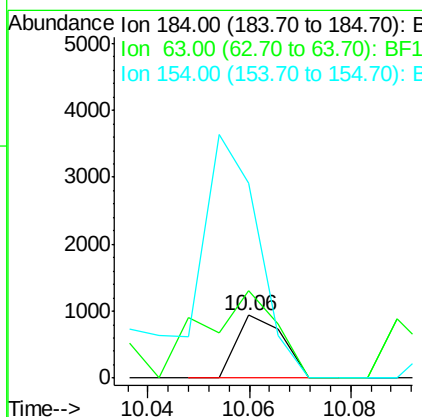
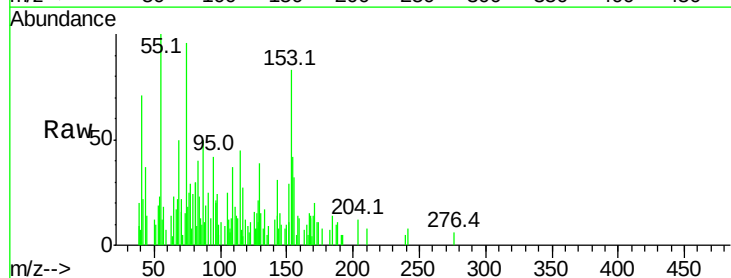
Manual Integrations
APPROVED

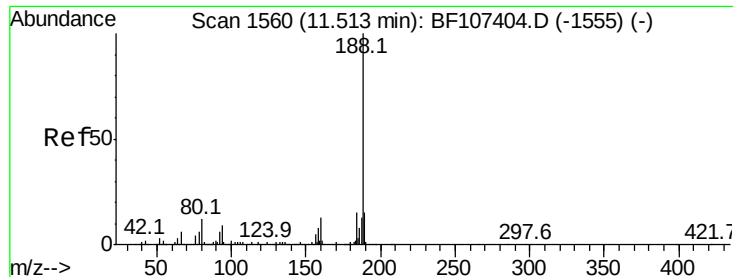
Sohil
7/18/2018 10:43:51 AM



#53
2,4-Dinitrophenol
Concen: 2.792 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.02 min
Lab File: BF107444.D
Acq: 17 Jul 2018 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	139.2	54.2	81.2#	
154	311.6	184.0	276.0#	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.52 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF107444.D

Acq: 17 Jul 2018 12:54

Instrument :

BNA_F

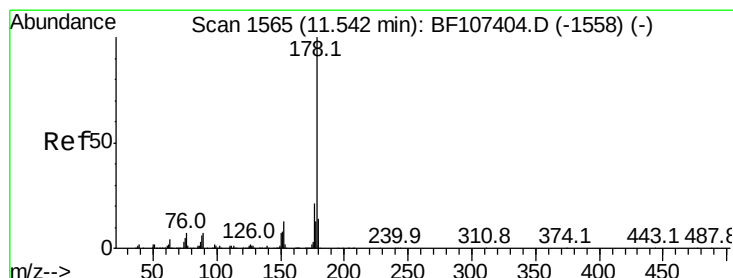
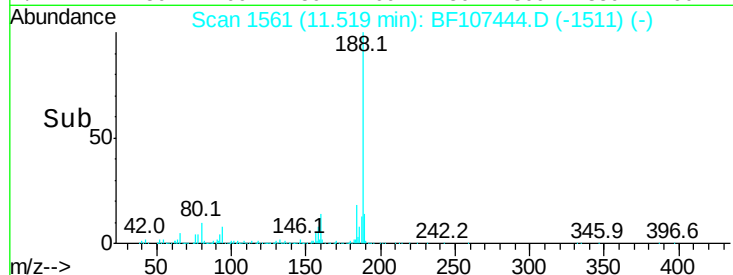
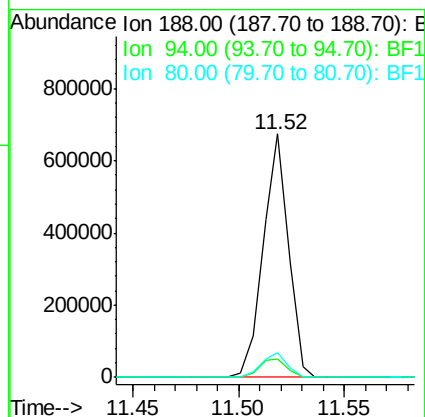
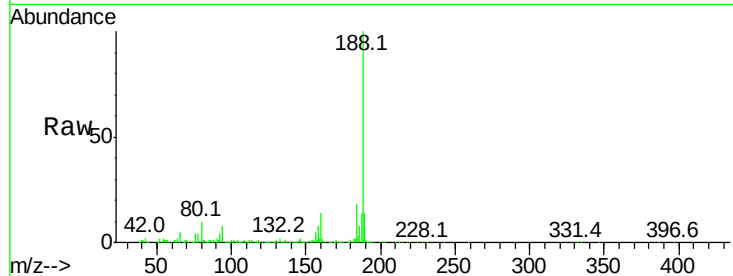
ClientSampleId :

AU-05-071318-C

Tot Ion:	188	Resp:	560758
Ion Ratio	Lower	Upper	
188	100		
94	7.7	8.5	12.7#
80	10.1	9.2	13.8

Manual Integrations
APPROVED

Sohil
7/18/2018 10:43:51 AM



#70

Phenanthrene

Concen: 2.198 ng

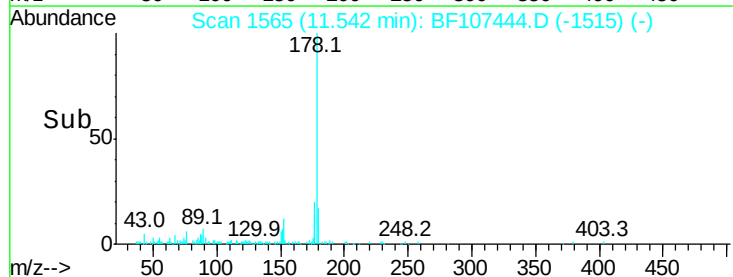
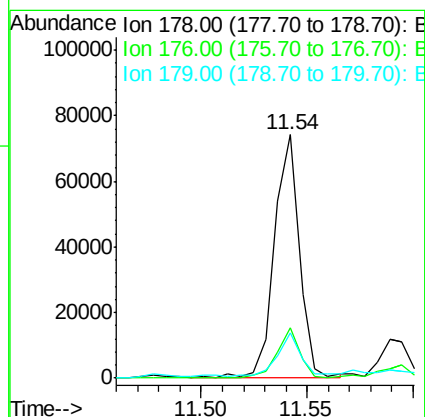
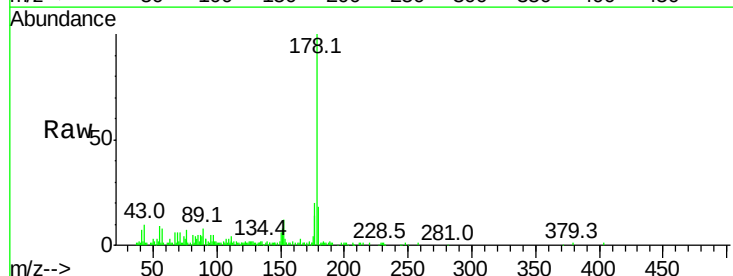
RT: 11.54 min Scan# 1565

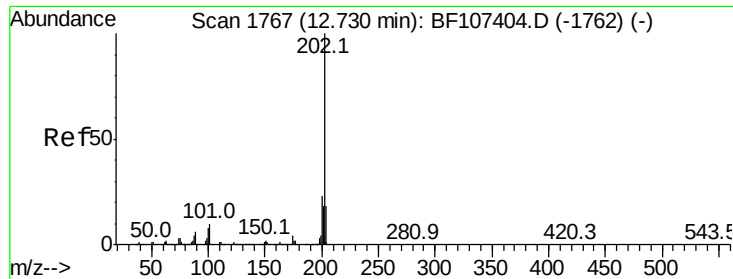
Delta R.T. -0.01 min

Lab File: BF107444.D

Acq: 17 Jul 2018 12:54

Tgt Ion:	178	Resp:	61438
Ion Ratio	Lower	Upper	
178	100		
176	20.5	15.8	23.8
179	18.5	13.0	19.6





#74

Fluoranthene

Concen: 3.152 ng

RT: 12.74 min Scan# 1768

Delta R.T. -0.01 min

Lab File: BF107444.D

Acq: 17 Jul 2018 12:54

Instrument :

BNA_F

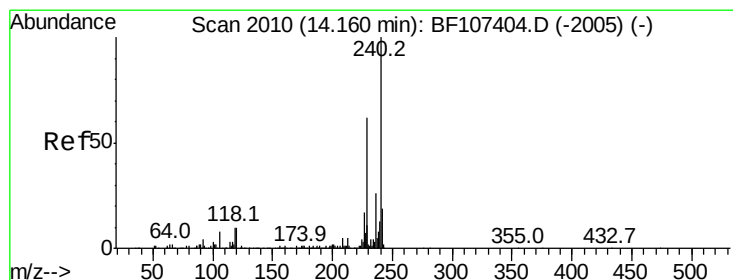
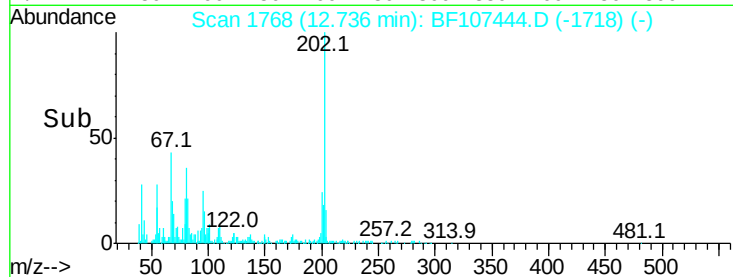
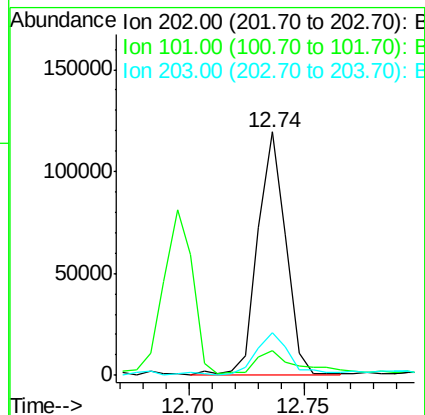
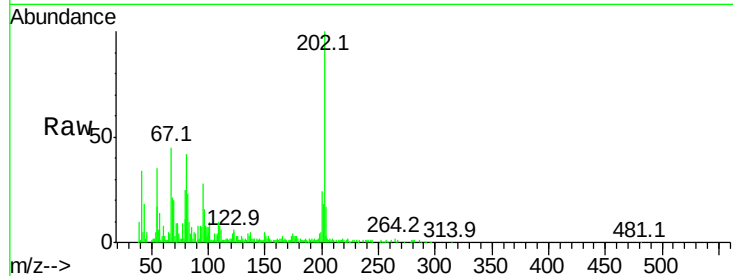
ClientSampleId :

AU-05-071318-C

Tot Ion:	202	Resp:	100119
Ion Ratio		Lower	Upper
202	100		
101	10.0	0.0	34.1
203	17.4	0.0	38.1

Manual Integrations
APPROVED

Sohil
7/18/2018 10:43:51 AM



#75

Chrysene-d12

Concen: 20.000 ng

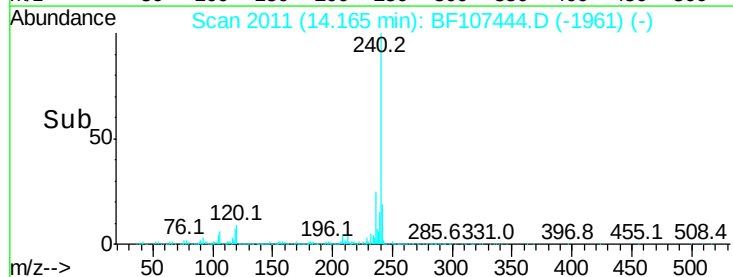
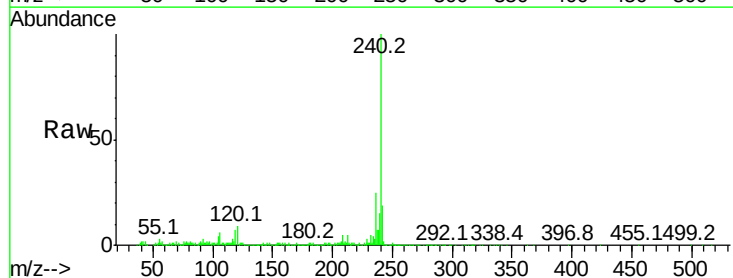
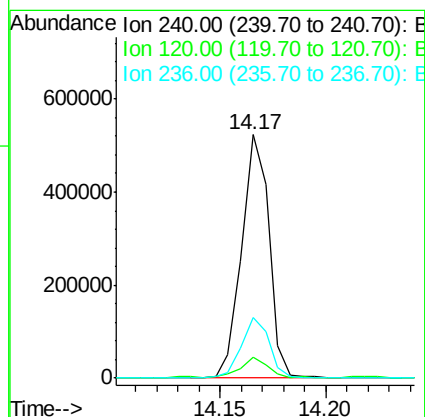
RT: 14.17 min Scan# 2011

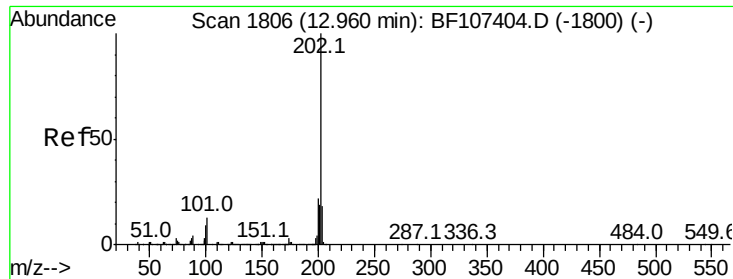
Delta R.T. -0.01 min

Lab File: BF107444.D

Acq: 17 Jul 2018 12:54

Tgt Ion:	240	Resp:	469733
Ion Ratio		Lower	Upper
240	100		
120	8.8	9.5	14.3#
236	24.8	20.7	31.1





#77

Pvrene

Concen: 3.140 ng

RT: 12.97 min Scan# 1808

Delta R.T. 0.00 min

Lab File: BF107444.D

Acq: 17 Jul 2018 12:54

Instrument :

BNA_F

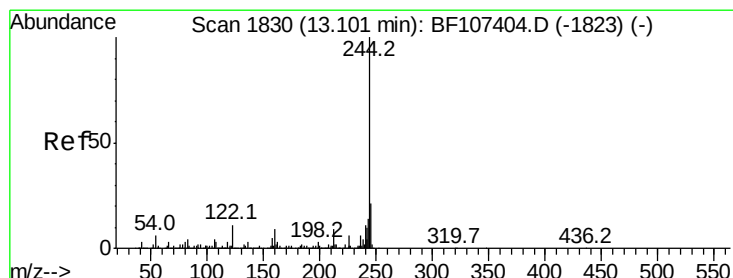
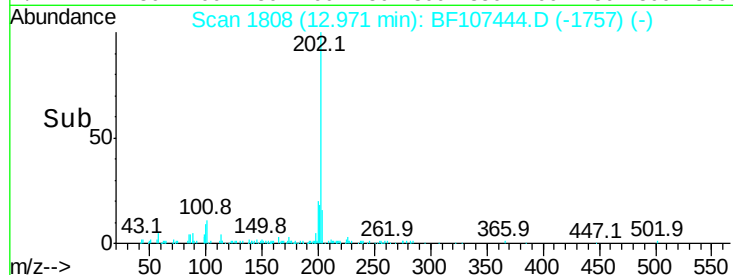
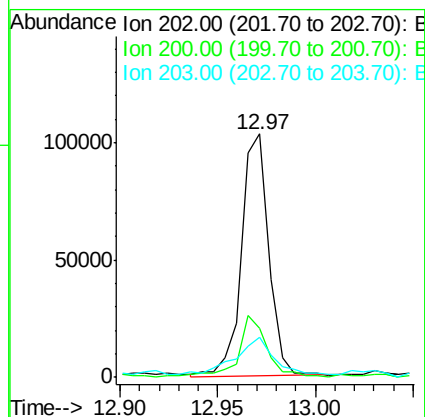
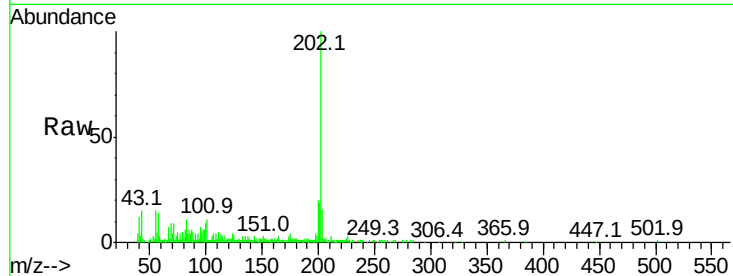
ClientSampleId :

AU-05-071318-C

Tot Ion:	202	Resp:	100313
Ion Ratio		Lower	Upper
202	100		
200	19.9	17.4	26.2
203	16.5	14.3	21.5

Manual Integrations
APPROVED

Sohil
7/18/2018 10:43:51 AM



#78

Terphenyl-d14

Concen: 33.156 ng

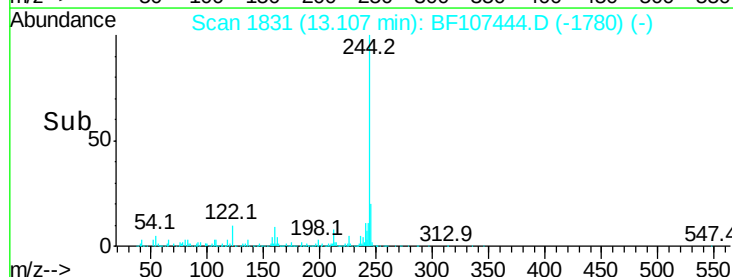
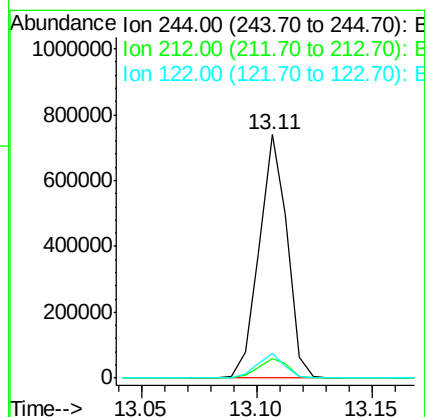
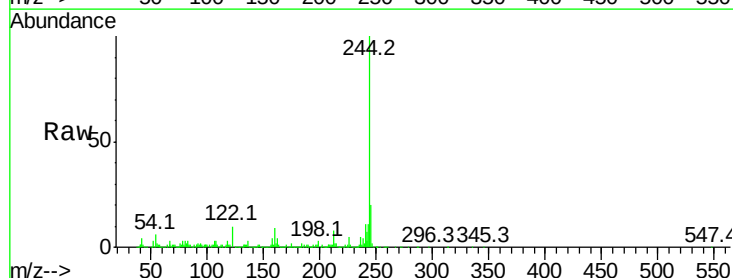
RT: 13.11 min Scan# 1831

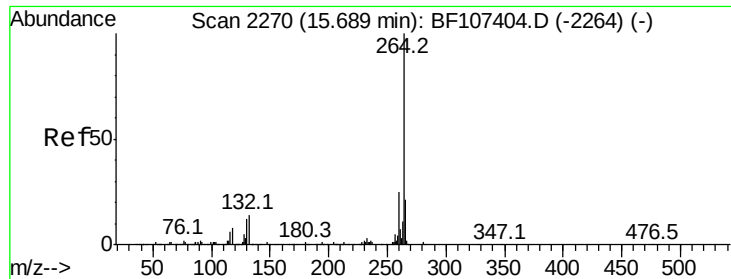
Delta R.T. 0.00 min

Lab File: BF107444.D

Acq: 17 Jul 2018 12:54

Tgt Ion:	244	Resp:	626843
Ion Ratio		Lower	Upper
244	100		
212	7.9	5.4	8.0
122	10.2	11.0	16.4#





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.71 min Scan# 2273

Delta R.T. 0.00 min

Lab File: BF107444.D

Acq: 17 Jul 2018 12:54

Instrument :

BNA_F

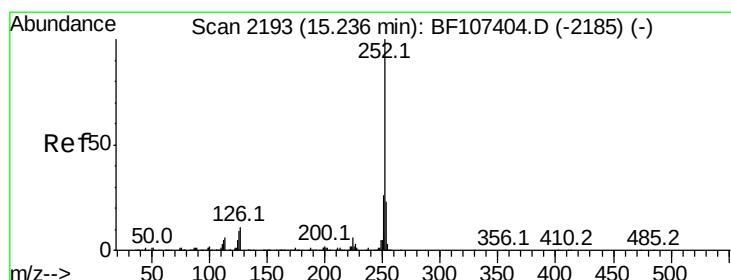
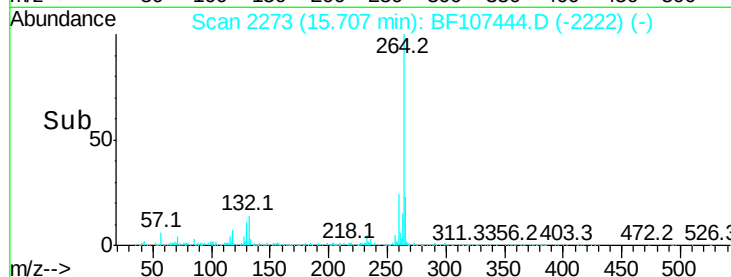
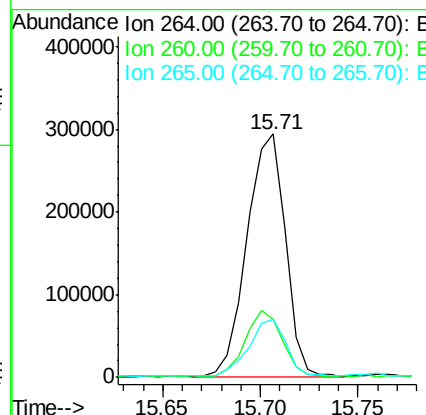
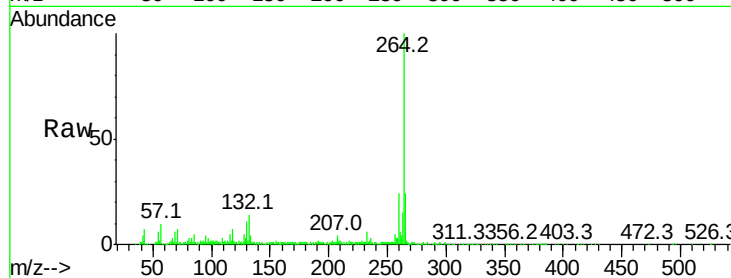
ClientSampleId :

AU-05-071318-C

Tot Ion:	264	Resp:	400965
Ion Ratio		Lower	Upper
264	100		
260	23.8	19.2	28.8
265	23.6	17.5	26.3

Manual Integrations
APPROVED

Sohil
7/18/2018 10:43:51 AM



#87

Benzo(b)fluoranthene

Concen: 3.079 ng m

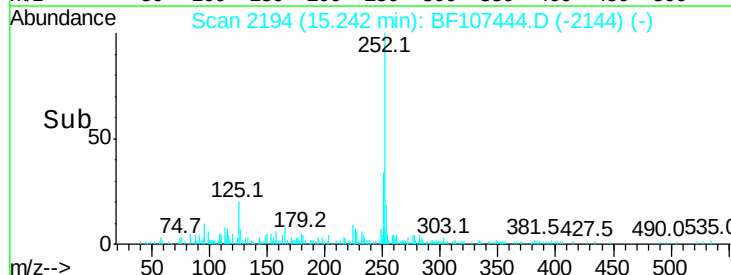
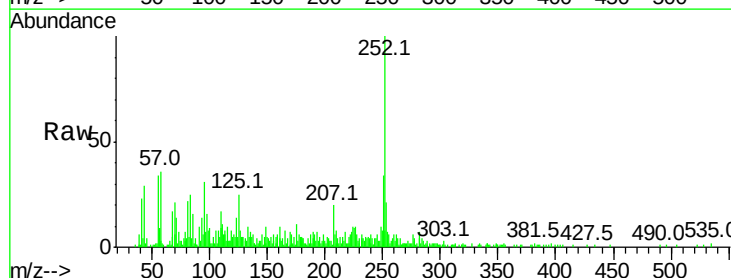
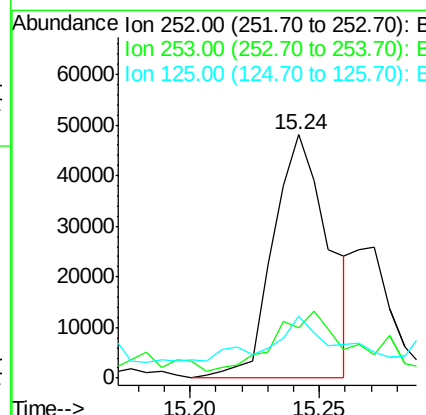
RT: 15.24 min Scan# 2194

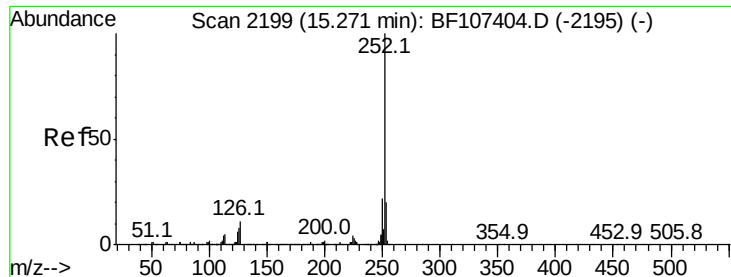
Delta R.T. -0.01 min

Lab File: BF107444.D

Acq: 17 Jul 2018 12:54

Tgt Ion:	252	Resp:	72252
Ion Ratio		Lower	Upper
252	100		
253	20.8	17.0	25.6
125	25.3	9.0	13.6





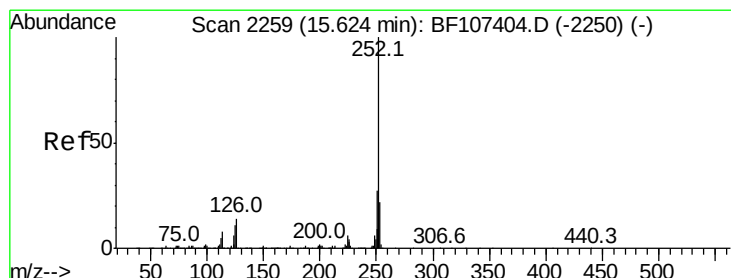
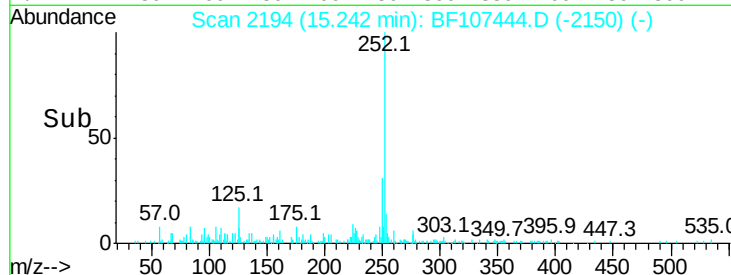
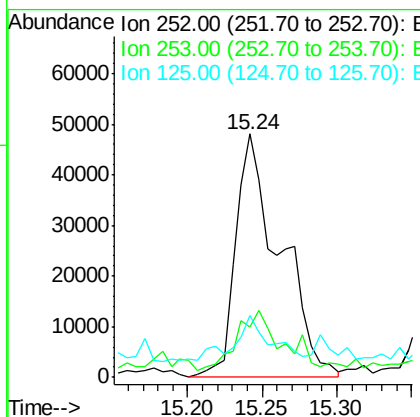
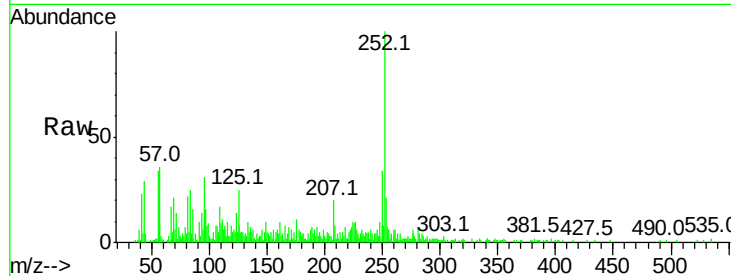
#88
Benzo(k)fluoranthene
Concen: 4.347 ng
RT: 15.24 min Scan# 2194
Delta R.T. -0.04 min
Lab File: BF107444.D
Acq: 17 Jul 2018 12:54

Instrument :
BNA_F
ClientSampleId :
AU-05-071318-C

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.9	26.9
125	25.3	10.2	15.2#

Manual Integrations
APPROVED

Sohil
7/18/2018 10:43:51 AM



#89
Benzo(a)pyrene
Concen: 2.374 ng
RT: 15.63 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF107444.D
Acq: 17 Jul 2018 12:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	17.7	9.8	14.6#

