

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090718\
 Data File : BF108862.D
 Acq On : 7 Sep 2018 15:59
 Operator : JU/SJ
 Sample : J4775-01 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-090618-A

Manual Integrations
 APPROVED

Sohil
 9/10/2018 10:39:26 AM

Quant Time: Sep 07 16:35:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	222285	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	879111	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	408493	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	717568	20.00	ng	0.00
75) Chrysene-d12	13.87	240	474619	20.00	ng	0.00
86) Perylene-d12	15.28	264	567133	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	251667	18.76	ng	0.00
7) Phenol-d6	6.36	99	326798	18.93	ng	0.00
23) Nitrobenzene-d5	7.29	82	192361	13.69	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	62347	15.99	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	382589	15.98	ng	0.00
78) Terphenyl-d14	12.82	244	280683	13.79	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.48	163	81454	2.851	ng	Qvalue # 99
70) Phenanthrene	11.27	178	147498	4.304	ng	98
74) Fluoranthene	12.45	202	149500	4.406	ng	96
77) Pyrene	12.67	202	135477	3.710	ng	98
87) Benzo(b)fluoranthene	14.87	252	68290m	2.214	ng	

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

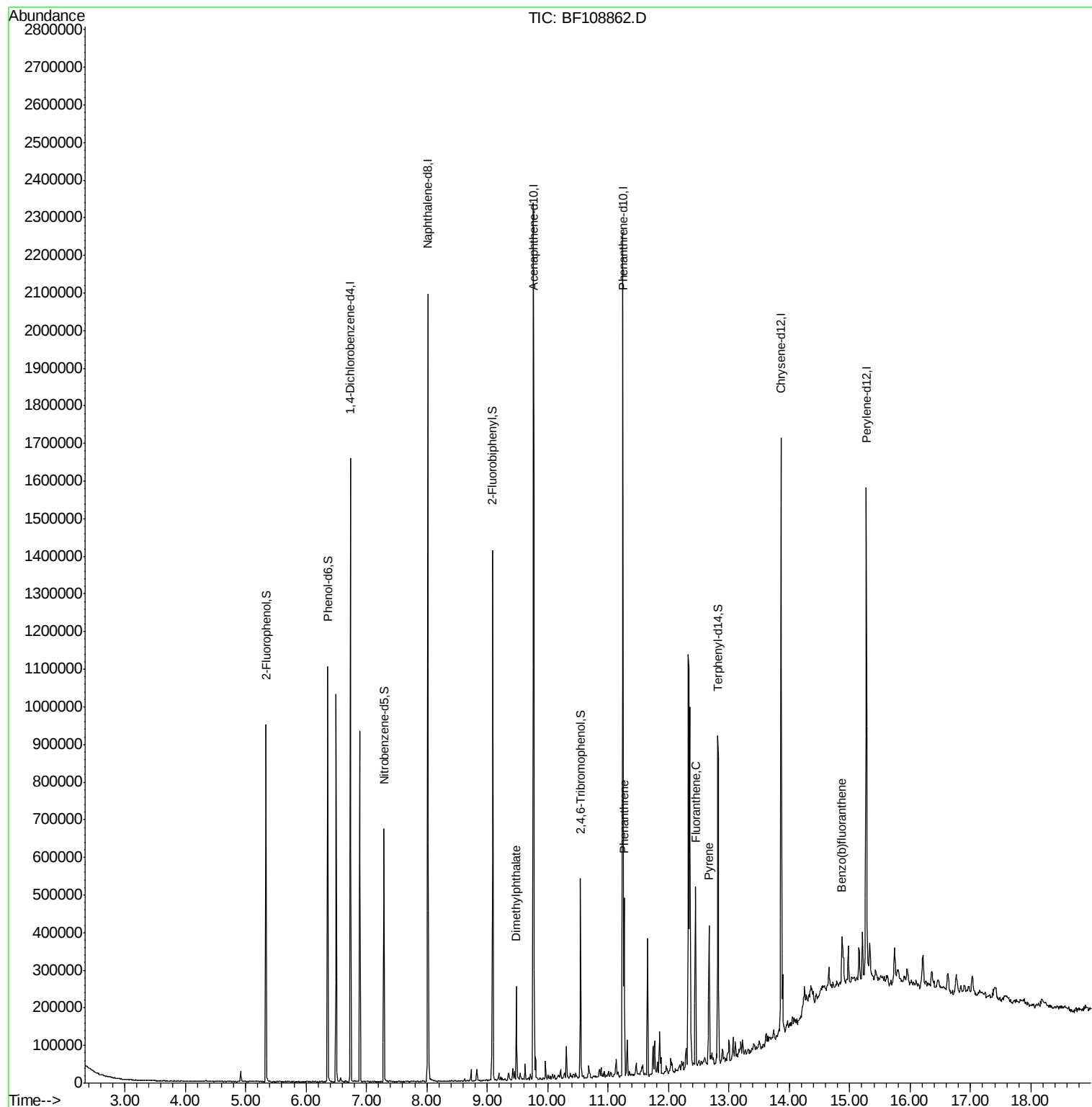
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090718\
Data File : BF108862.D
Acq On : 7 Sep 2018 15:59
Operator : JU/SJ
Sample : J4775-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
OR-02-090618-A

Manual Integrations
APPROVED

Sohil
9/10/2018 10:39:26 AM

Quant Time: Sep 07 16:35:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration





#1

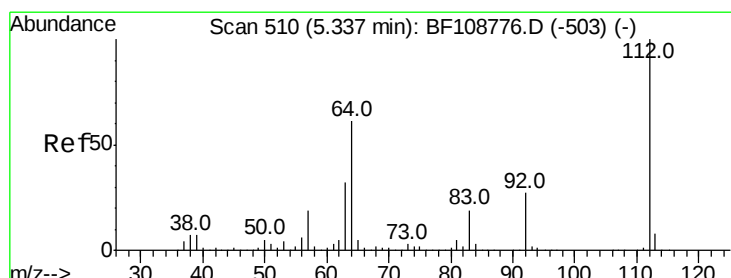
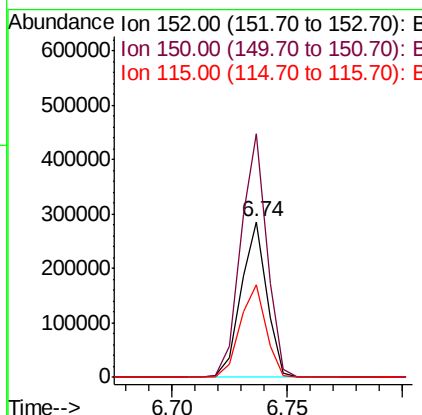
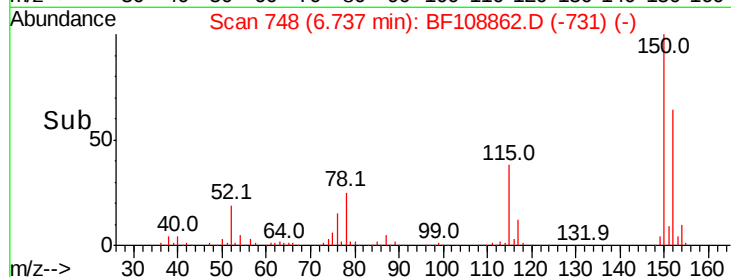
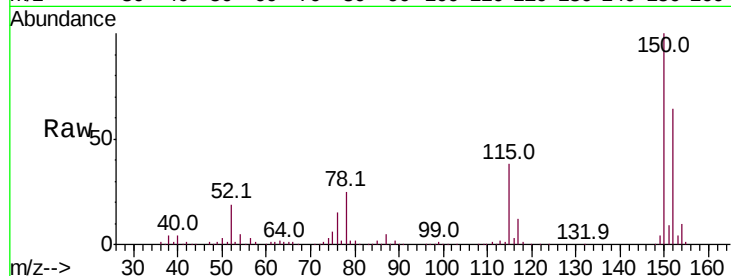
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108862.D
Acq: 7 Sep 2018 15:59

Instrument :
BNA_F
ClientSampleId :
OR-02-090618-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	186.8
115	59.5	50.1	75.1

Manual Integrations
APPROVED

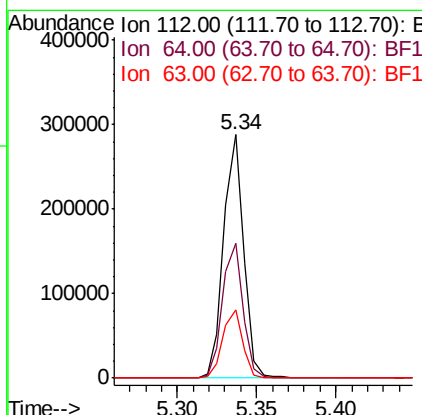
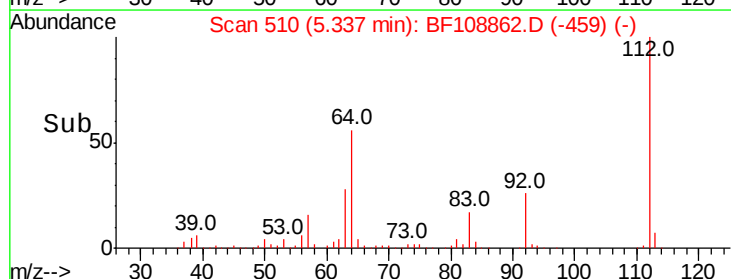
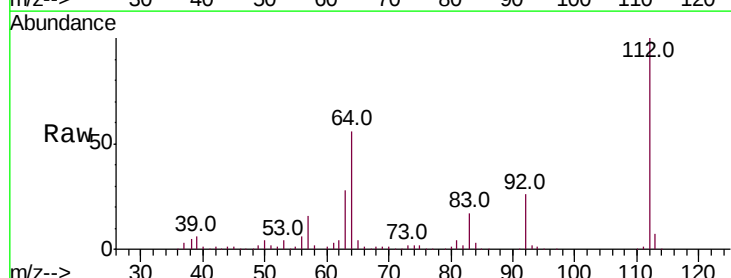
Sohil
9/10/2018 10:39:26 AM



#5

2-Fluorophenol
Concen: 18.756 ng
RT: 5.34 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF108862.D
Acq: 7 Sep 2018 15:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.5	47.9	71.9
63	28.1	23.7	35.5





#7

Phenol-d6

Concen: 18.930 ng

RT: 6.36 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF108862.D

Acq: 7 Sep 2018 15:59

Instrument :

BNA_F

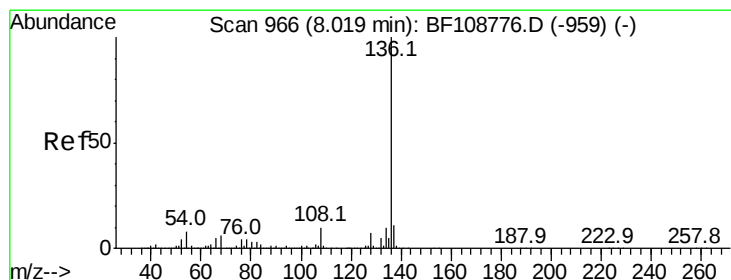
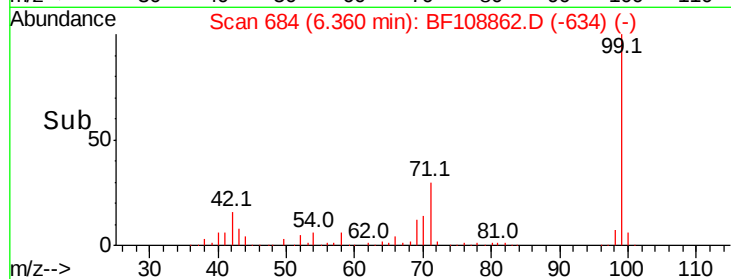
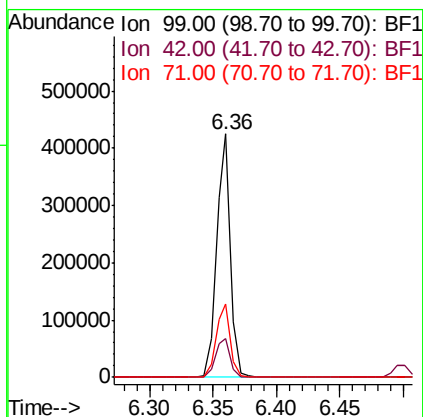
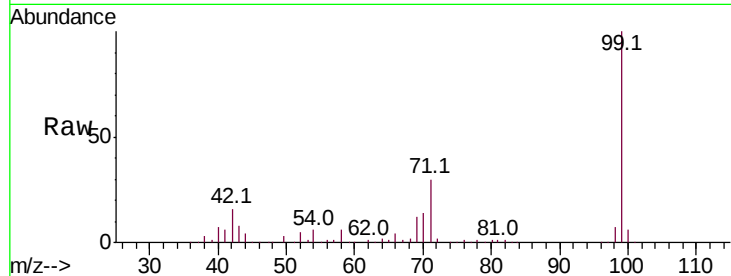
ClientSampleId :

OR-02-090618-A

Tot Ion	99	Resp	326798
Ion Ratio	Lower	Upper	
99	100		
42	16.2	14.5	21.7
71	30.0	25.4	38.0

Manual Integrations
APPROVED

Sohil
9/10/2018 10:39:26 AM



#21

Naphthalene-d8

Concen: 20.000 ng

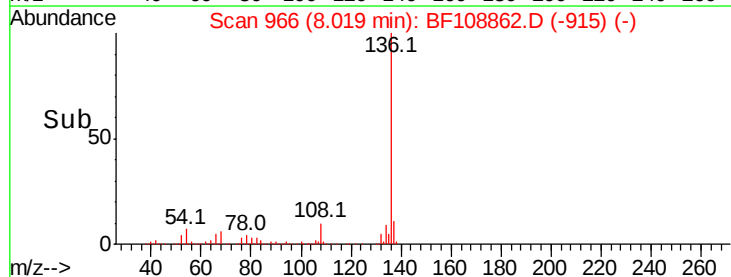
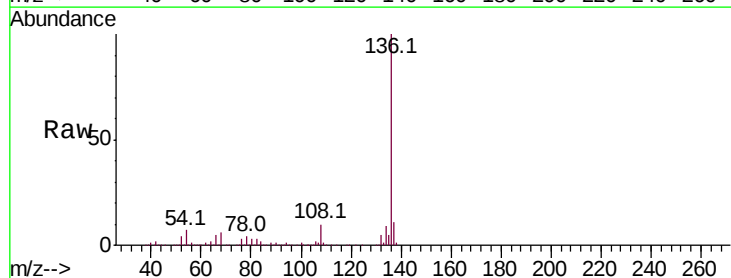
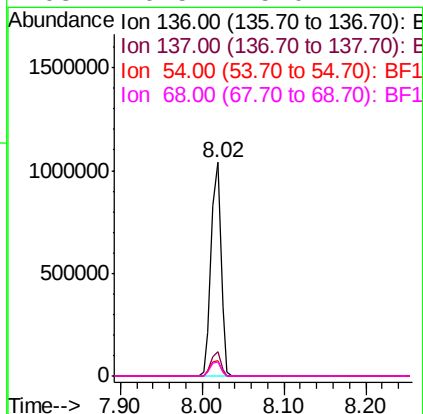
RT: 8.02 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF108862.D

Acq: 7 Sep 2018 15:59

Tgt Ion	136	Resp	879111
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	7.4	6.6	9.8
68	6.5	5.0	7.4





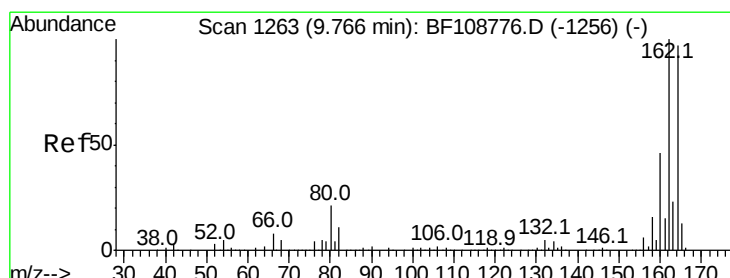
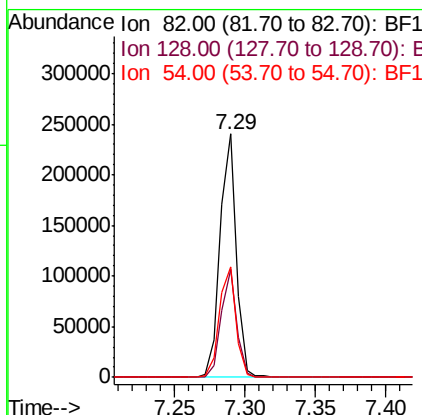
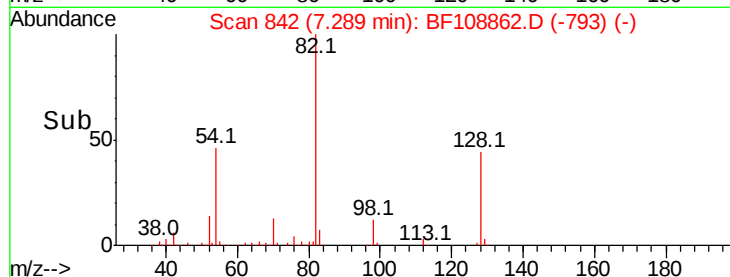
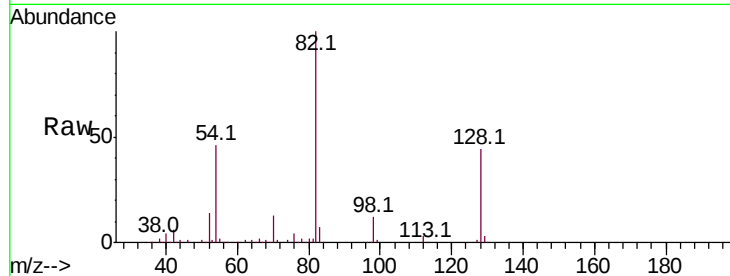
#23
 Nitrobenzene-d5
 Concen: 13.694 ng
 RT: 7.29 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF108862.D
 Acq: 7 Sep 2018 15:59

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-090618-A

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.3	36.1	54.1	
54	45.5	41.4	62.2	

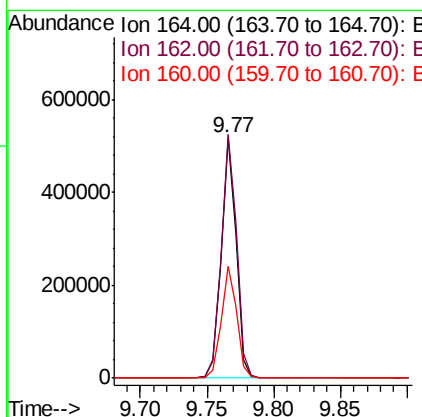
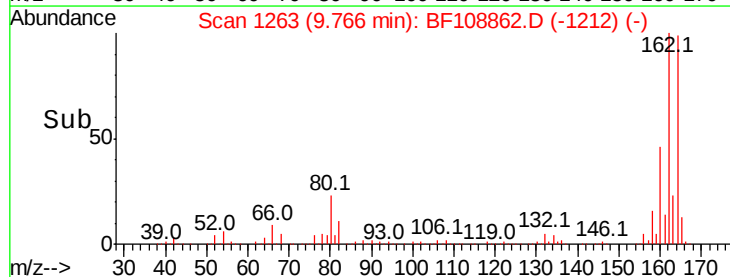
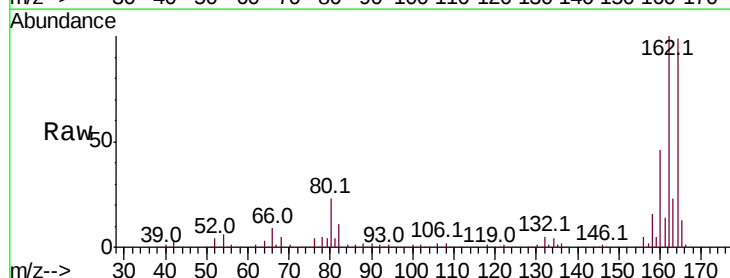
Manual Integrations
 APPROVED

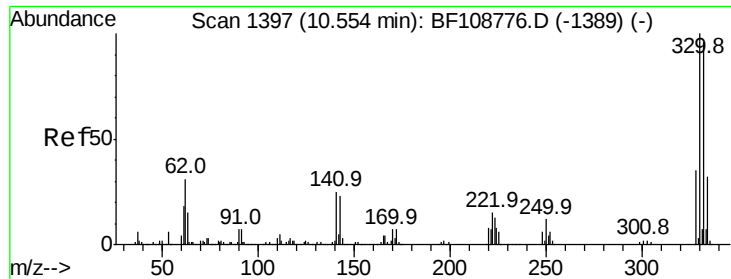
Sohil
 9/10/2018 10:39:26 AM



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BF108862.D
 Acq: 7 Sep 2018 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.4	86.1	129.1	
160	46.8	38.3	57.5	





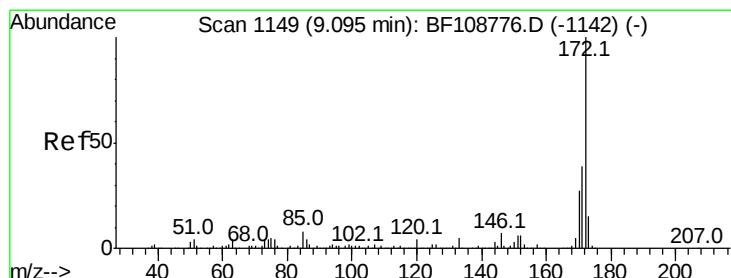
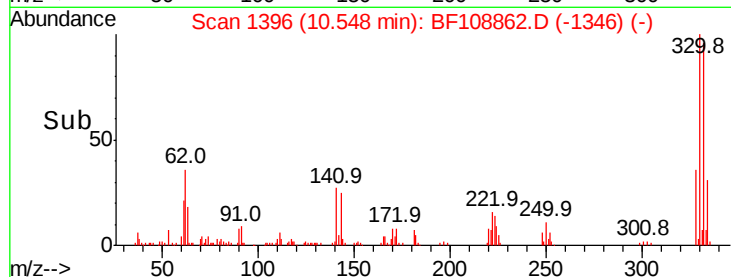
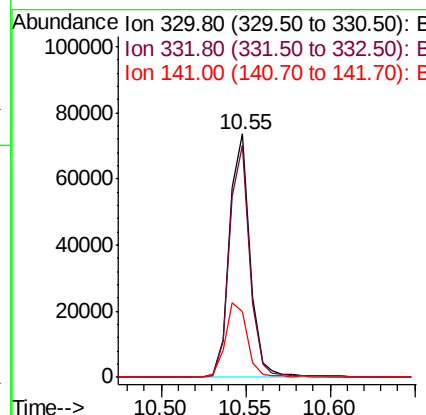
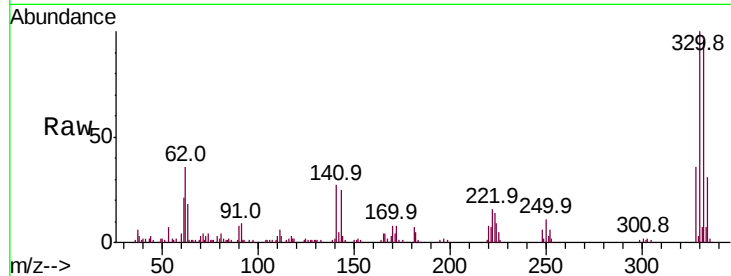
#41
 2,4,6-Tribromophenol
 Concen: 15.988 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108862.D
 Acq: 7 Sep 2018 15:59

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-090618-A

Tot Ion	Ratio	Resp	Lower	Upper
330	100	62347		
332	95.2	77.0	115.6	
141	32.9	29.9	44.9	

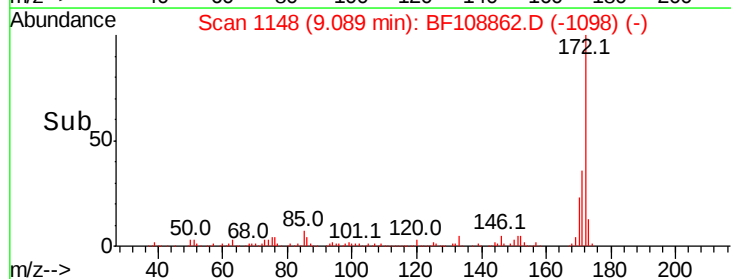
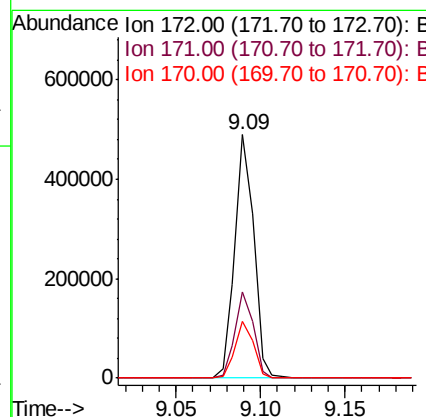
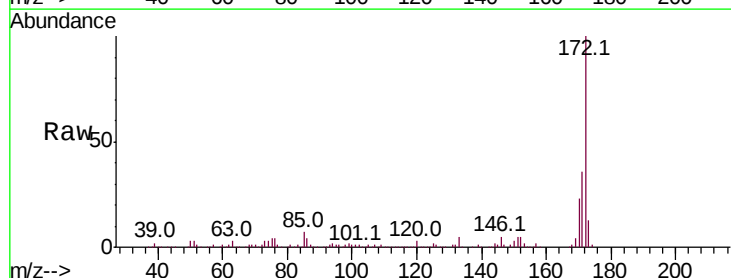
Manual Integrations
 APPROVED

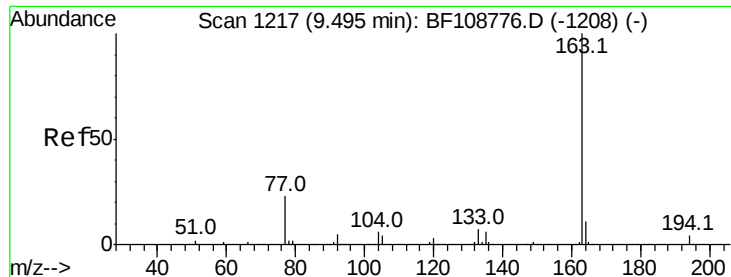
Sohil
 9/10/2018 10:39:26 AM



#44
 2-Fluorobiphenyl
 Concen: 15.978 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF108862.D
 Acq: 7 Sep 2018 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	382589		
171	35.6	29.7	44.5	
170	23.3	19.6	29.4	





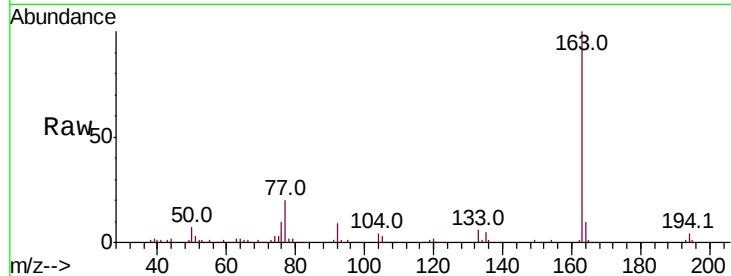
#49
Dimethylphthalate
Concen: 2.851 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108862.D
Acq: 7 Sep 2018 15:59

Instrument :
BNA_F
ClientSampleId :
OR-02-090618-A

Tot Ion	Ratio	Resp	Lower	Upper
163	100	81454		
194	4.3	2.7	4.1#	
164	9.9	8.2	12.2	

Manual Integrations
APPROVED

Sohil
9/10/2018 10:39:26 AM

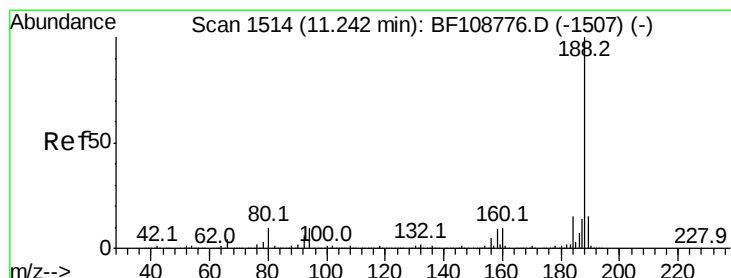
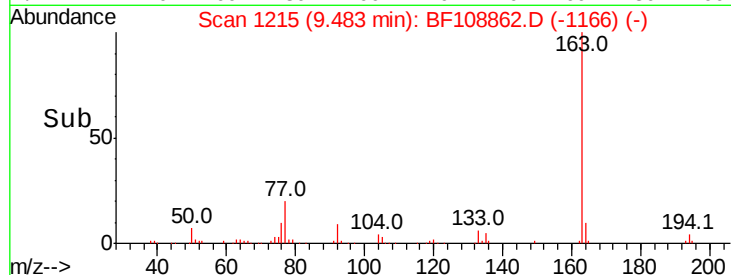
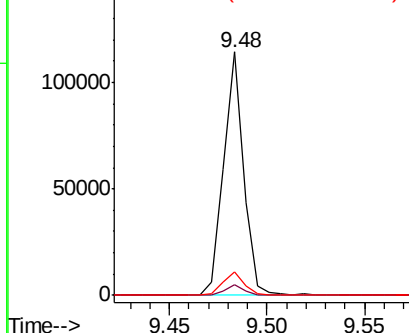


Abundance

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: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF108862.D
Acq: 7 Sep 2018 15:59

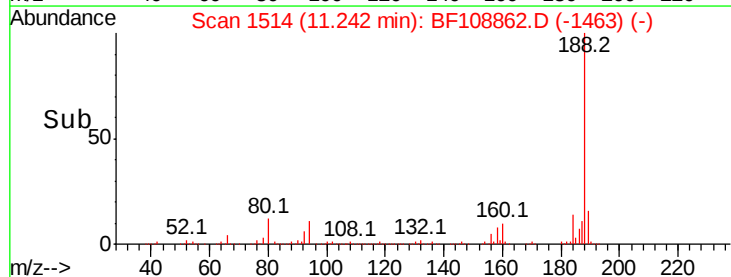
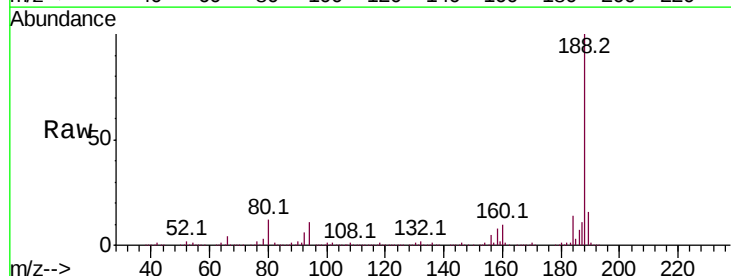
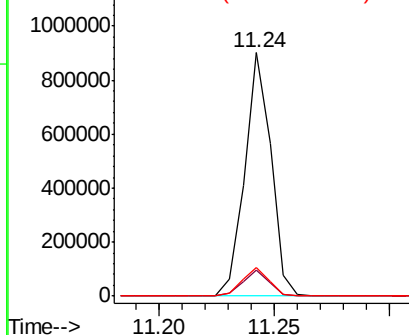
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	717568		
94	10.9	8.5	12.7	
80	11.9	9.2	13.8	

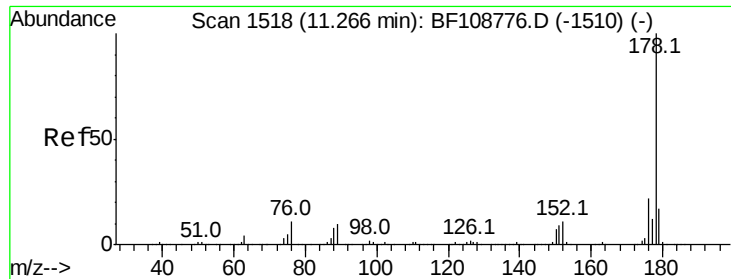
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





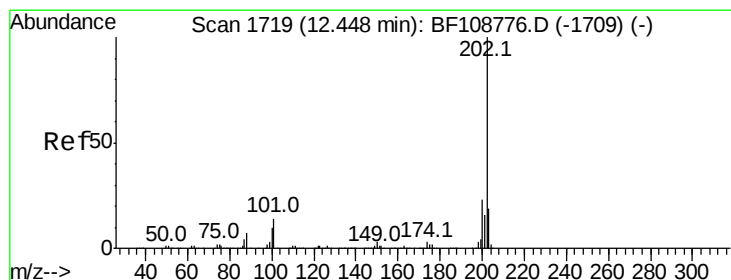
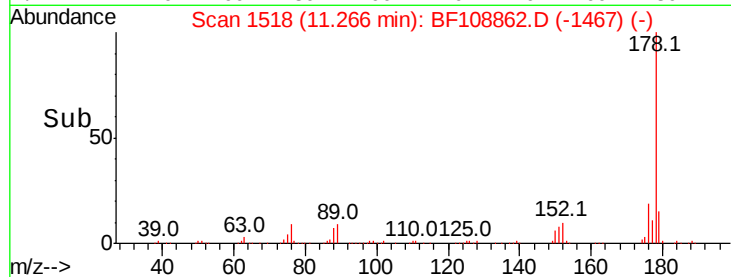
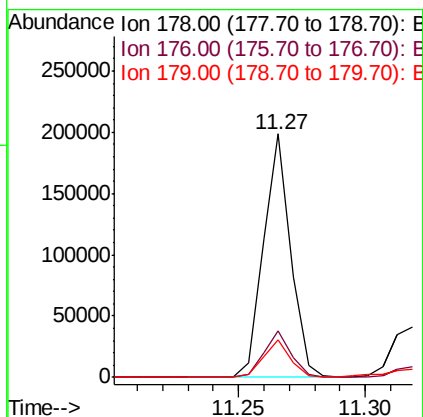
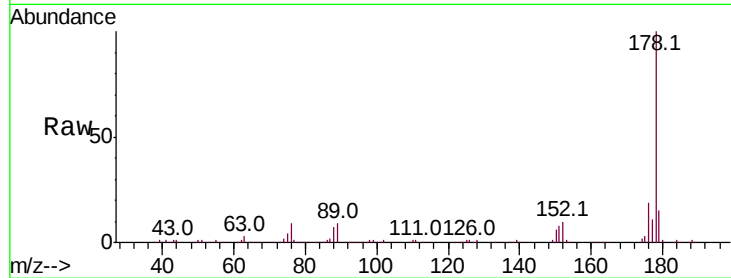
#70
Phenanthrene
Concen: 4.304 ng
RT: 11.27 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF108862.D
Acq: 7 Sep 2018 15:59

Instrument :
BNA_F
ClientSampleId :
OR-02-090618-A

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.2	13.0	19.6

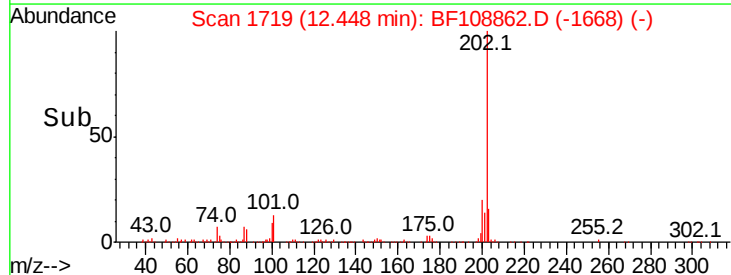
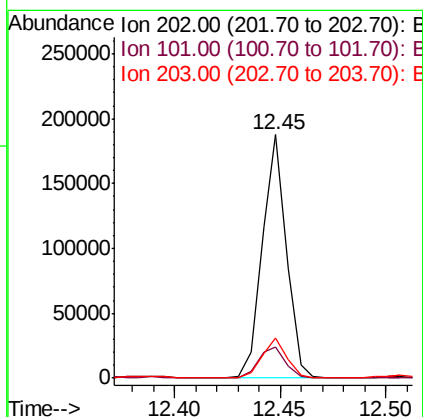
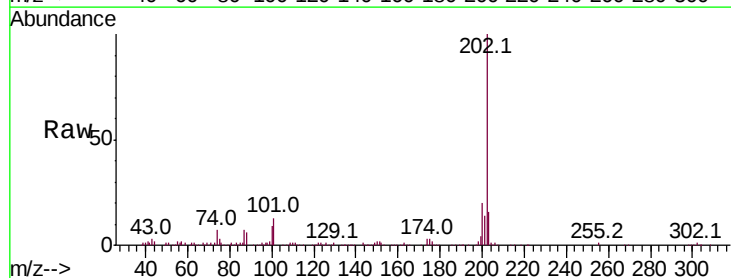
Manual Integrations
APPROVED

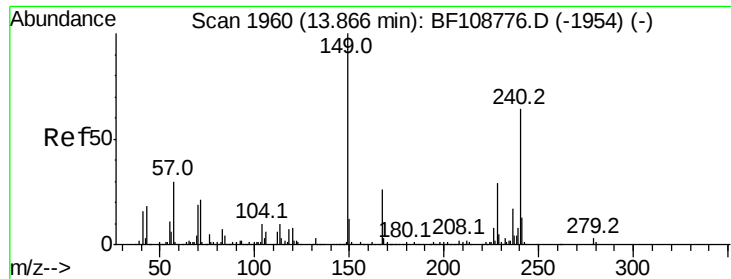
Sohil
9/10/2018 10:39:26 AM



#74
Fluoranthene
Concen: 4.406 ng
RT: 12.45 min Scan# 1719
Delta R.T. -0.00 min
Lab File: BF108862.D
Acq: 7 Sep 2018 15:59

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	34.1
203	16.2	0.0	38.1





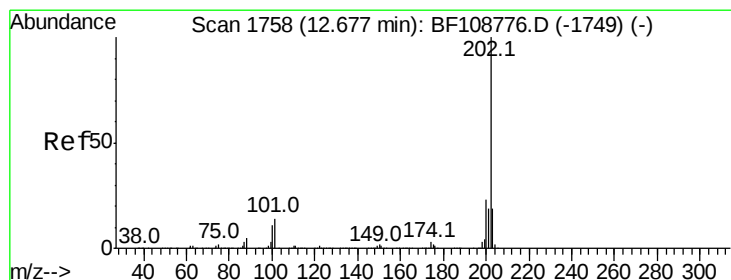
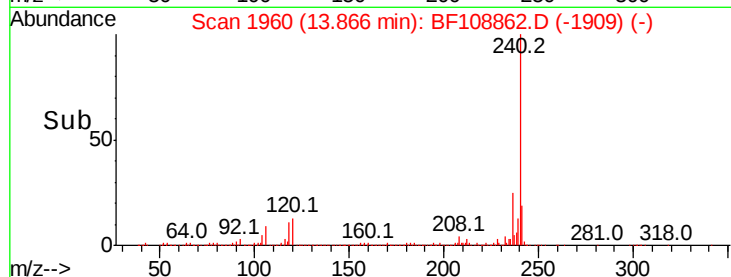
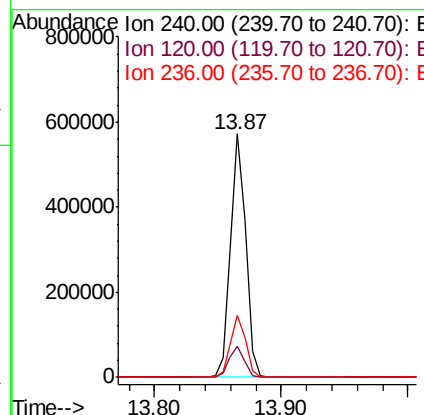
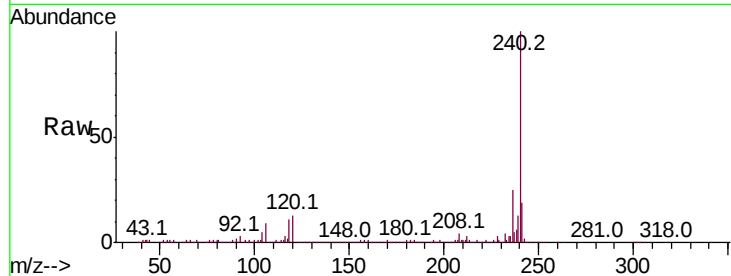
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BF108862.D
Acq: 7 Sep 2018 15:59

Instrument :
BNA_F
ClientSampleId :
OR-02-090618-A

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	12.9	9.5	14.3	
236	25.4	20.7	31.1	

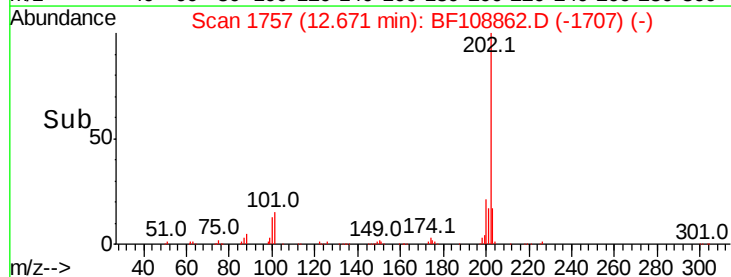
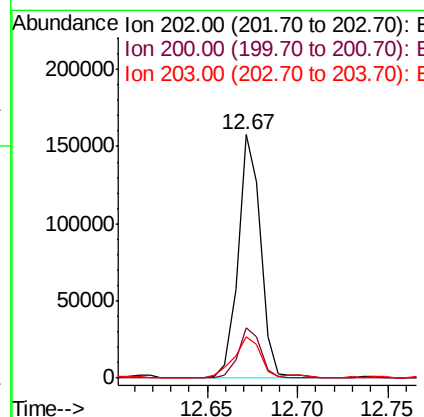
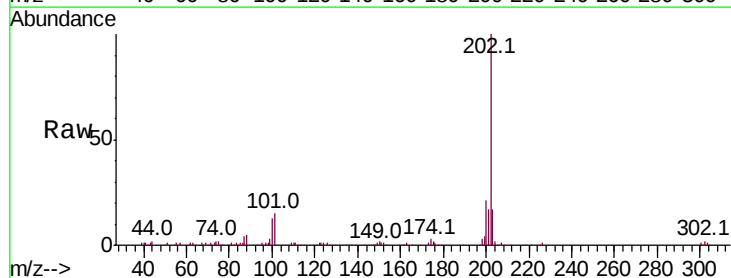
Manual Integrations
APPROVED

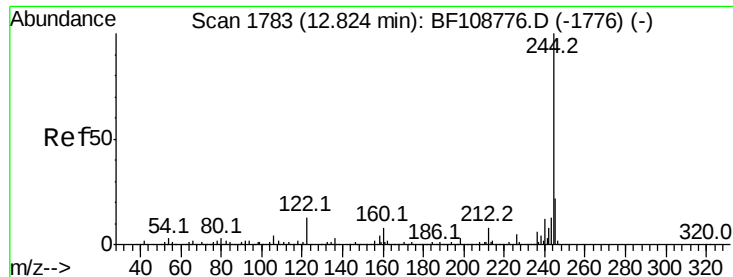
Sohil
9/10/2018 10:39:26 AM



#77
Pyrene
Concen: 3.710 ng
RT: 12.67 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BF108862.D
Acq: 7 Sep 2018 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	20.9	17.4	26.2	
203	16.9	14.3	21.5	





#78

Terphenyl-d14

Concen: 13.791 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108862.D

Acq: 7 Sep 2018 15:59

Instrument :

BNA_F

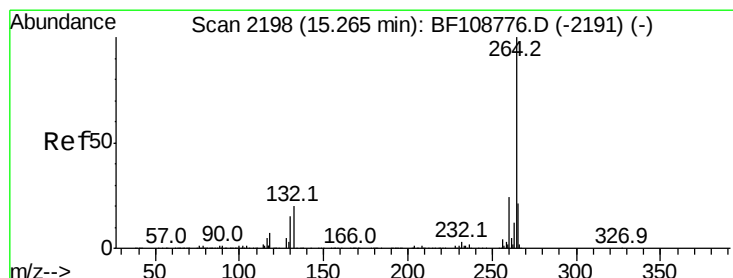
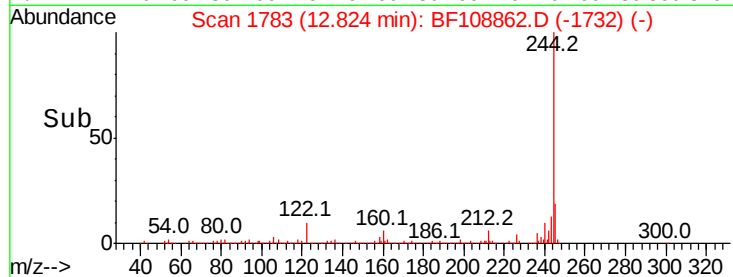
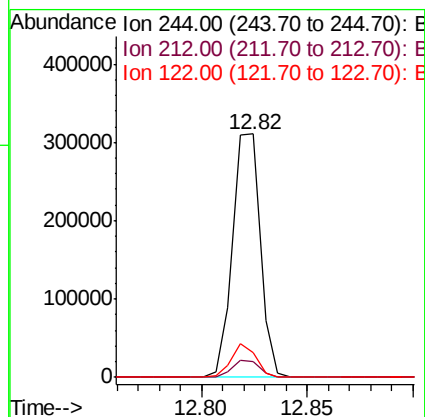
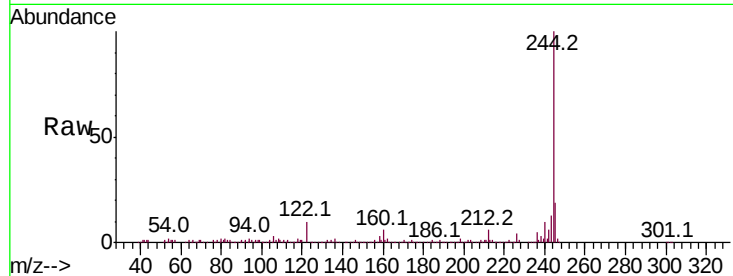
ClientSampleId :

OR-02-090618-A

Tot Ion:	244	Resp:	280683
Ion Ratio	Lower	Upper	
244	100		
212	6.2	5.4	8.0
122	10.2	11.0	16.4#

Manual Integrations
APPROVED

Sohil
9/10/2018 10:39:26 AM



#86

Perylene-d12

Concen: 20.000 ng

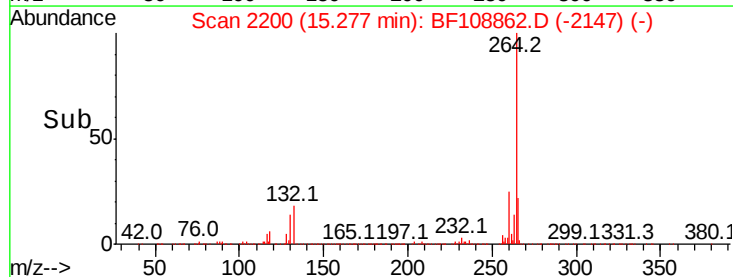
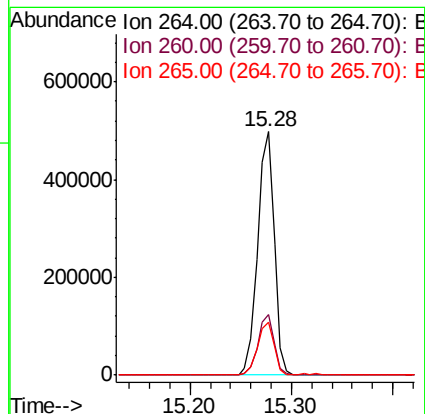
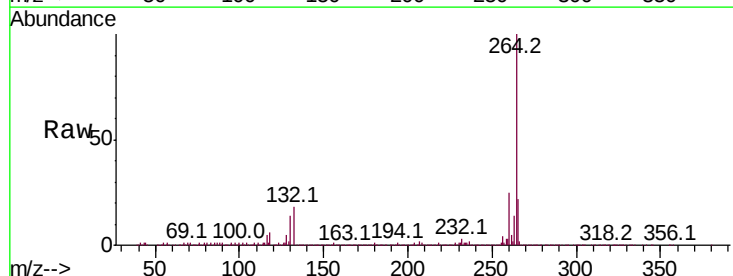
RT: 15.28 min Scan# 2200

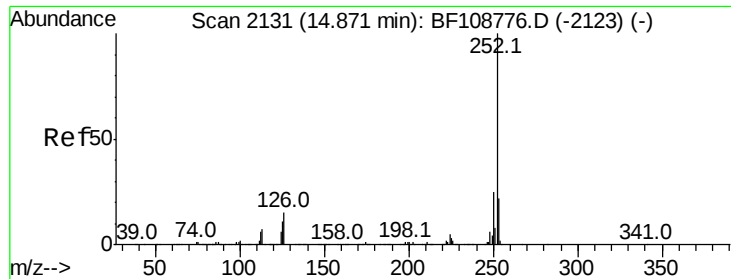
Delta R.T. 0.01 min

Lab File: BF108862.D

Acq: 7 Sep 2018 15:59

Tgt Ion:	264	Resp:	567133
Ion Ratio	Lower	Upper	
264	100		
260	25.0	19.2	28.8
265	21.8	17.5	26.3





#87
 Benzo(b)fluoranthene
 Concen: 2.214 ng/ml
 RT: 14.87 min Scan# 2131
 Delta R.T. -0.00 min
 Lab File: BF108862.D
 Acq: 7 Sep 2018 15:59

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-090618-A

Tot Ion:	252	Resp:	68290
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.0	25.6
125	13.9	9.0	13.6

Manual Integrations
 APPROVED

Sohil
 9/10/2018 10:39:26 AM

