

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
 Data File : BF109683.D
 Acq On : 9 Oct 2018 8:24
 Operator : JU/SJ
 Sample : J5309-08
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-16

Manual Integrations
 APPROVED

Sohil
 10/9/2018 2:58:05 PM

Quant Time: Oct 09 11:03:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	103740	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	394008	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	156554	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	264238	20.00	ng	0.00
75) Chrysene-d12	13.83	240	226002	20.00	ng	0.00
86) Perylene-d12	15.23	264	179864	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	580927	99.40	ng	0.00
7) Phenol-d6	6.35	99	801846	102.70	ng	0.00
23) Nitrobenzene-d5	7.26	82	514458	71.97	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	151680	88.92	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	868280	76.39	ng	0.00
78) Terphenyl-d14	12.78	244	686475	58.80	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.45	163	96080	8.368	ng	99
70) Phenanthrene	11.23	178	63121	4.773	ng	99
74) Fluoranthene	12.41	202	90867	6.578	ng	98
77) Pyrene	12.63	202	81661	4.932	ng	98
80) Benzo(a)anthracene	13.82	228	37210	2.984	ng	95
82) Chrysene	13.85	228	34226	2.613	ng	98
87) Benzo(b)fluoranthene	14.83	252	29072m	2.925	ng	
89) Benzo(a)pyrene	15.17	252	25737	2.853	ng	# 93

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

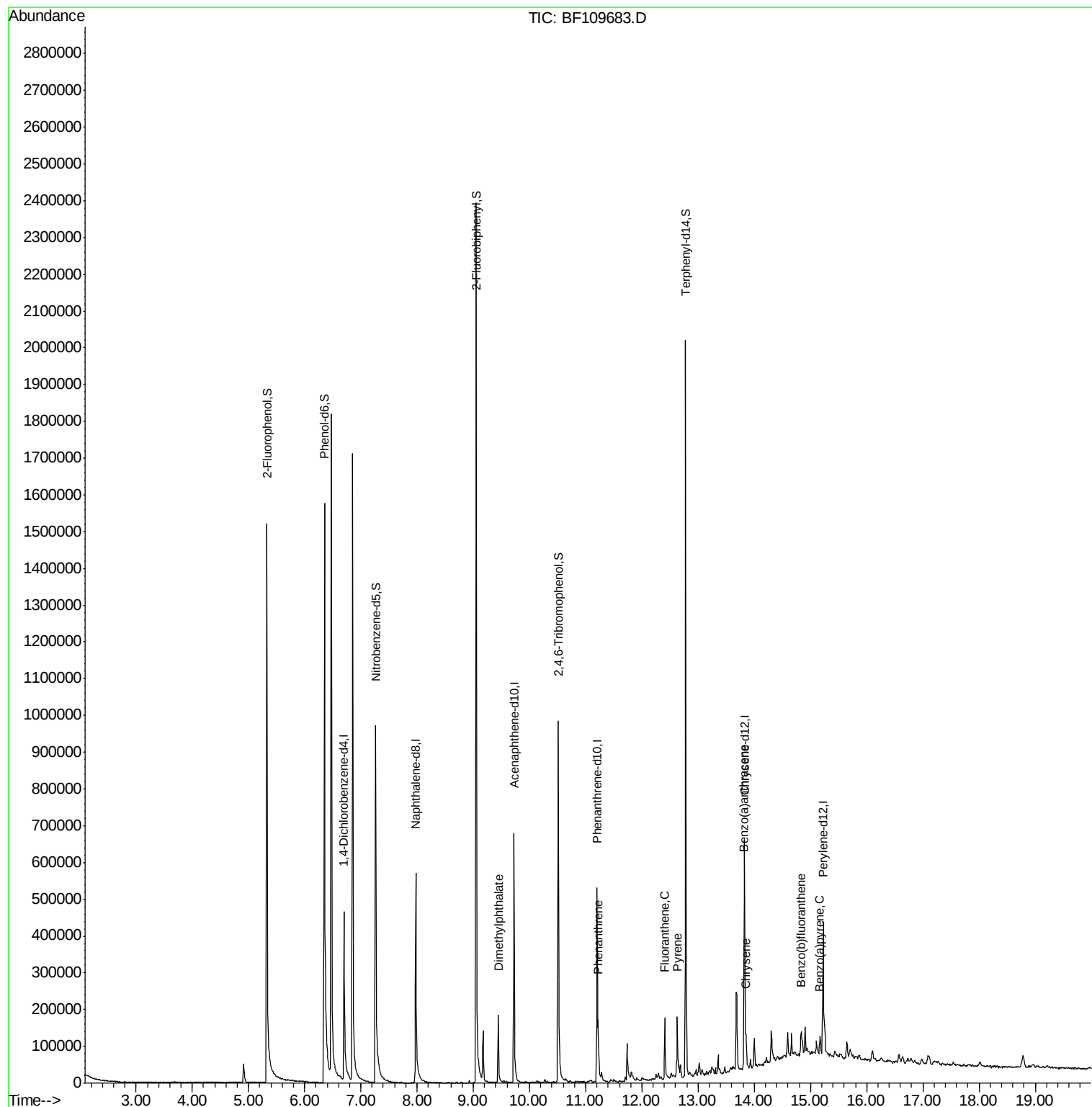
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
Data File : BF109683.D
Acq On : 9 Oct 2018 8:24
Operator : JU/SJ
Sample : J5309-08
Misc :
ALS Vial : 32 Sample Multiplier: 1

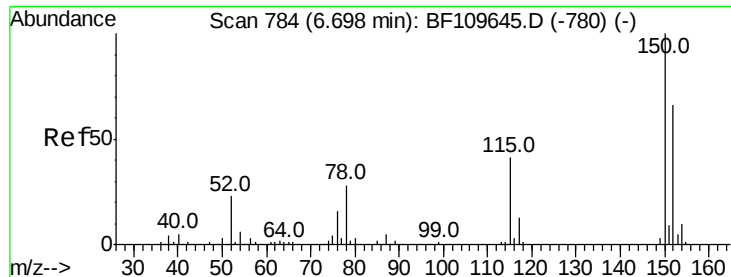
Instrument :
BNA_F
ClientSampleId :
S-16

Manual Integrations
APPROVED

Sohil
10/9/2018 2:58:05 PM

Quant Time: Oct 09 11:03:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 16:02:11 2018
Response via : Initial Calibration





#1

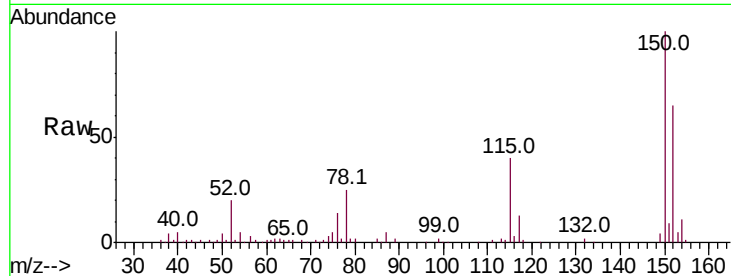
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109683.D
Acq: 9 Oct 2018 8:24

Instrument :
BNA_F
ClientSampleId :
S-16

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	122.7	184.1
115	61.4	49.1	73.7

Manual Integrations
APPROVED

Sohil
10/9/2018 2:58:05 PM

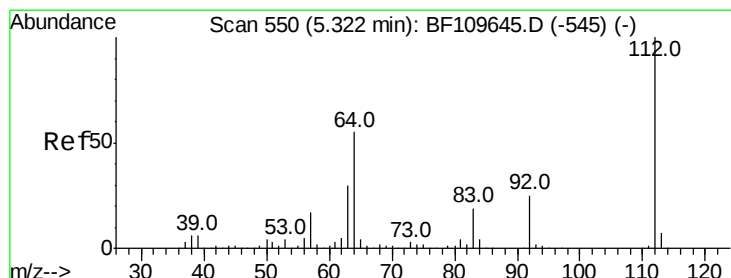
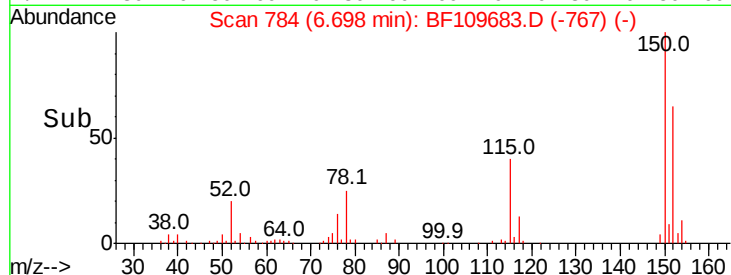
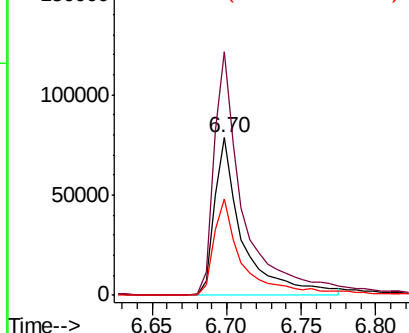


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

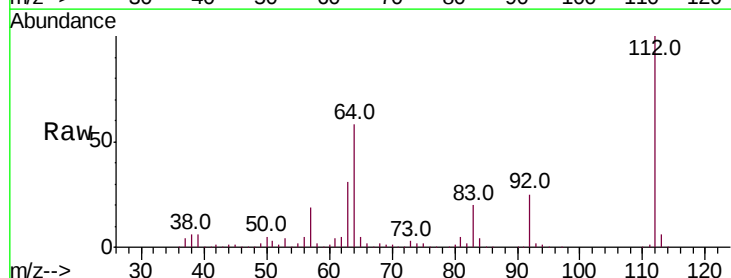
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 99.399 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF109683.D
Acq: 9 Oct 2018 8:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	44.1	66.1
63	31.0	23.7	35.5

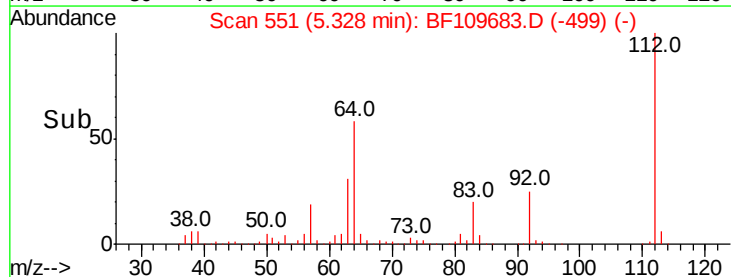
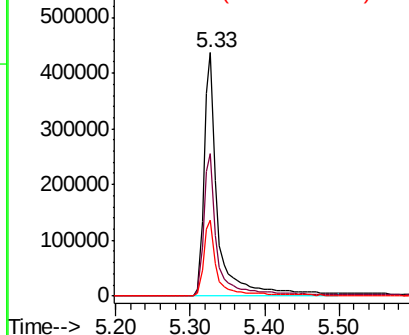


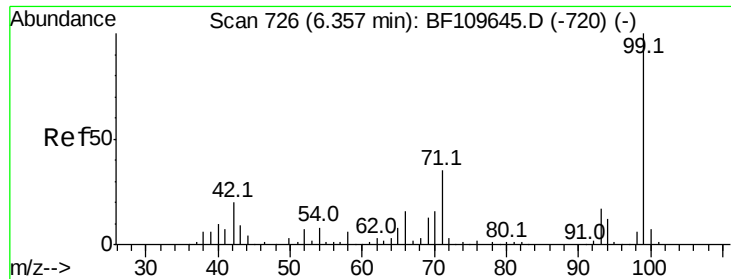
Abundance

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: 102.702 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109683.D

Acq: 9 Oct 2018 8:24

Instrument :

BNA_F

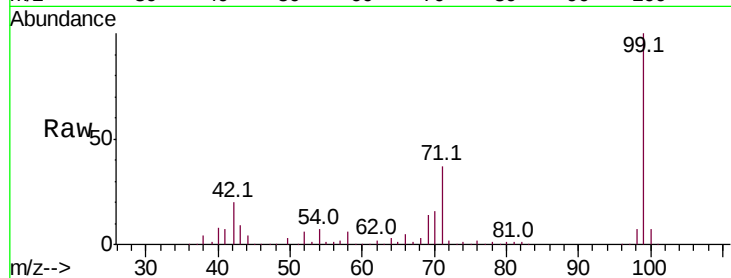
ClientSampled :

S-16

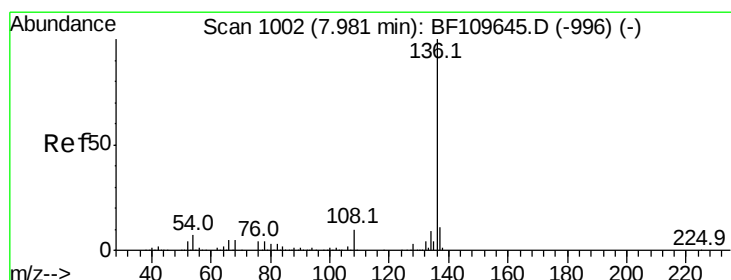
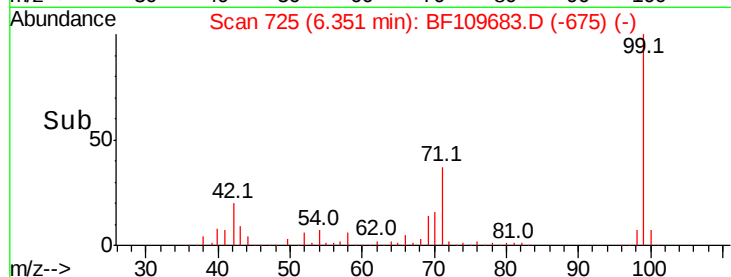
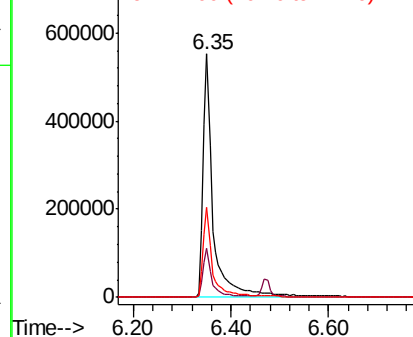
Tot Ion:	99	Resp:	801846
Ion Ratio	Lower	Upper	
99	100		
42	20.0	15.8	23.6
71	37.0	28.0	42.0

Manual Integrations
APPROVED

Sohil
10/9/2018 2:58:05 PM



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

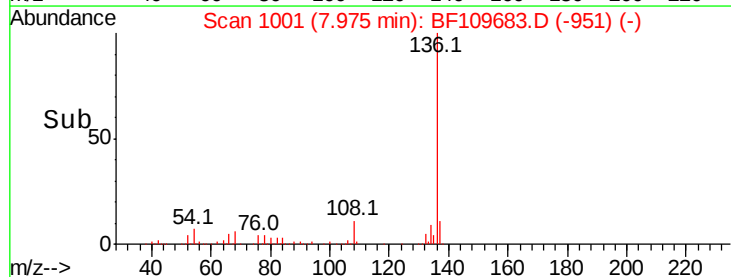
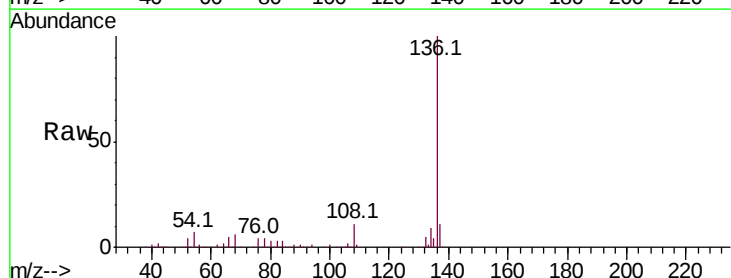
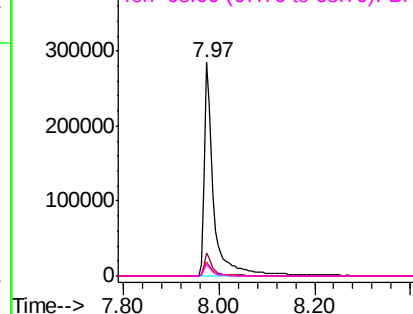
Delta R.T. -0.01 min

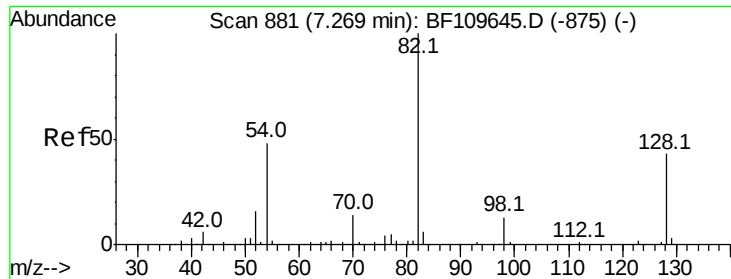
Lab File: BF109683.D

Acq: 9 Oct 2018 8:24

Tgt Ion:	136	Resp:	394008
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.8	13.2
54	6.8	5.4	8.2
68	5.5	4.2	6.2

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





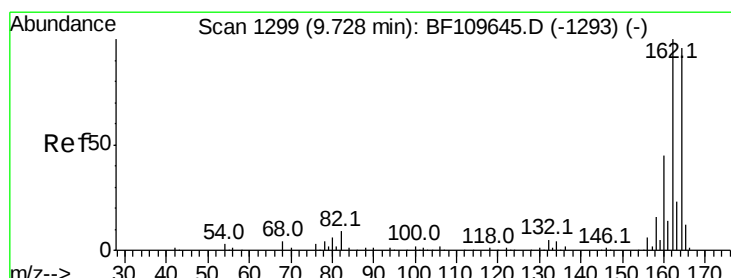
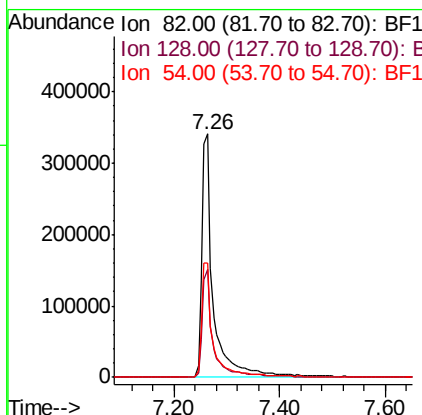
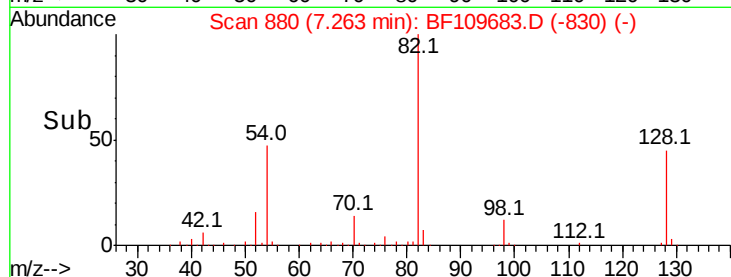
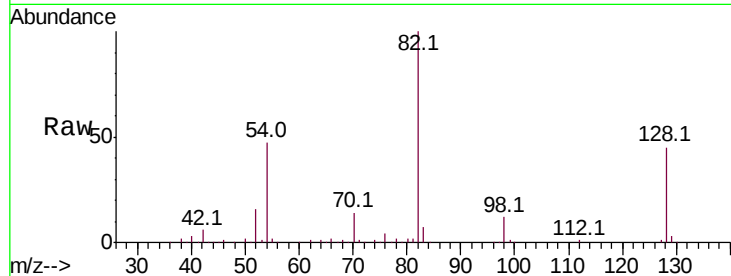
#23
Nitrobenzene-d5
Concen: 71.975 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF109683.D
Acq: 9 Oct 2018 8:24

Instrument :
BNA_F
ClientSampled :
S-16

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.2	51.2
54	46.8	38.6	58.0

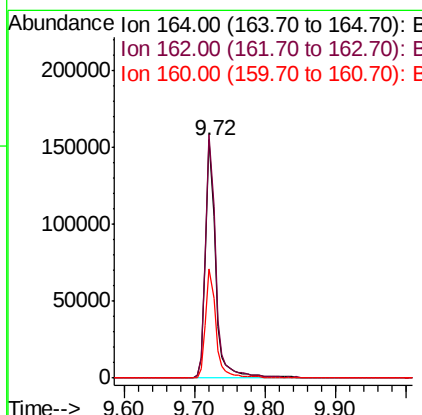
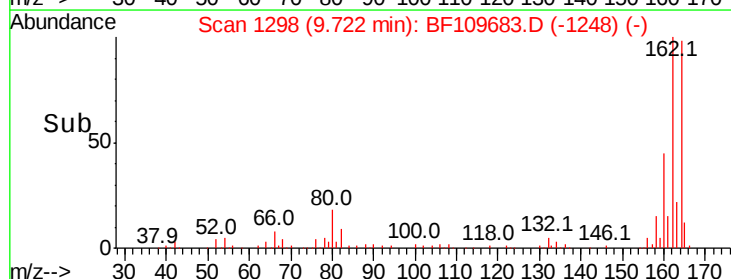
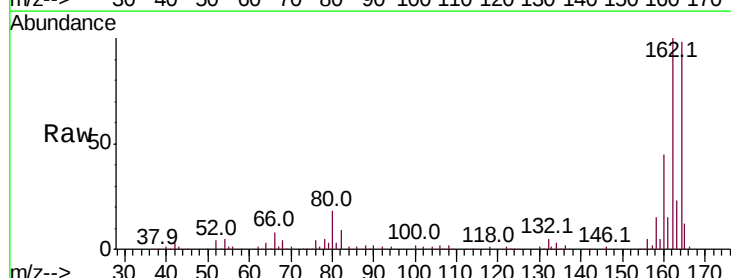
Manual Integrations
APPROVED

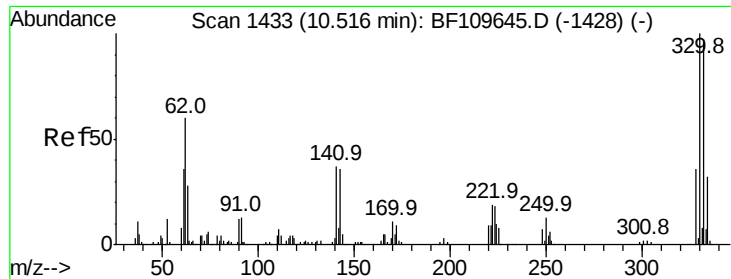
Sohil
10/9/2018 2:58:05 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109683.D
Acq: 9 Oct 2018 8:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	83.0	124.6
160	45.8	37.0	55.6





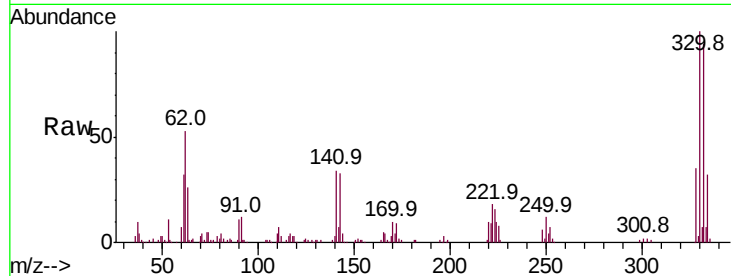
#41
 2,4,6-Tribromophenol
 Concen: 88.919 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109683.D
 Acq: 9 Oct 2018 8:24

Instrument :
 BNA_F
 ClientSampled :
 S-16

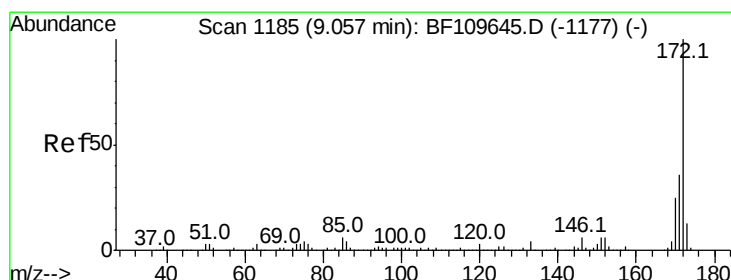
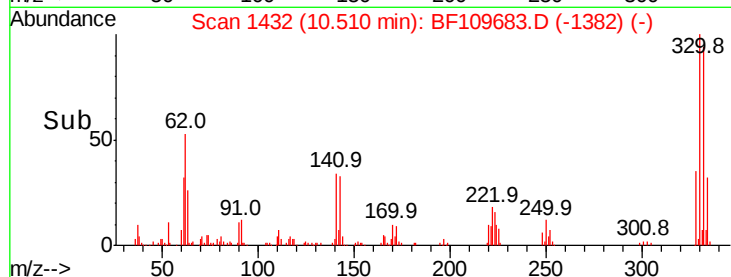
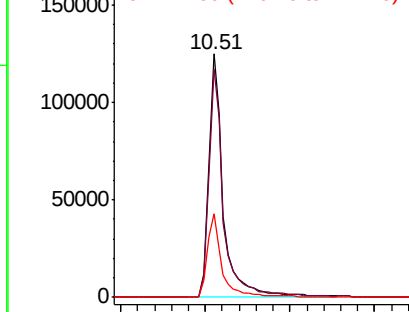
Tot Ion	Ratio	Resp	Lower	Upper
330	100	151680		
332	95.1	77.1	115.7	
141	34.2	27.0	40.4	

Manual Integrations
 APPROVED

Sohil
 10/9/2018 2:58:05 PM

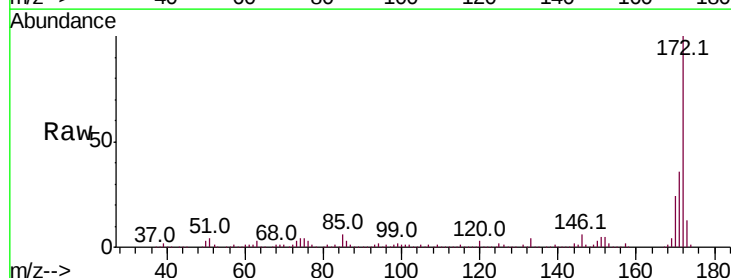


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

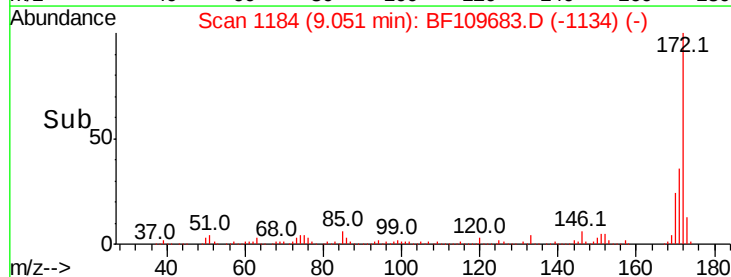
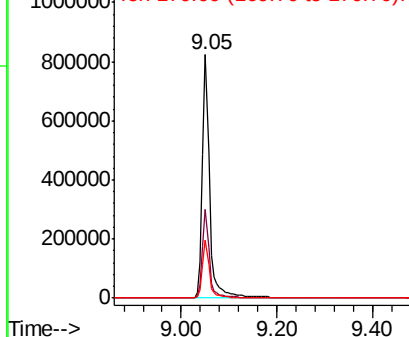


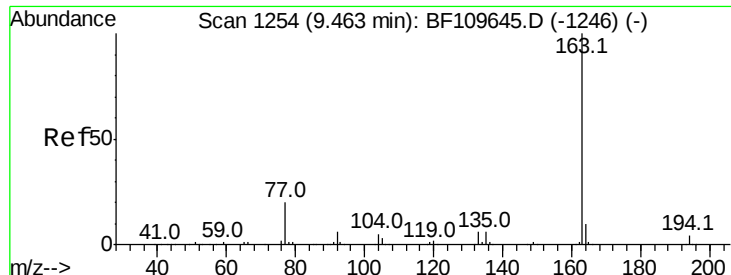
#44
 2-Fluorobiphenyl
 Concen: 76.385 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109683.D
 Acq: 9 Oct 2018 8:24

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	868280		
171	36.3	28.6	43.0	
170	23.7	19.7	29.5	



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





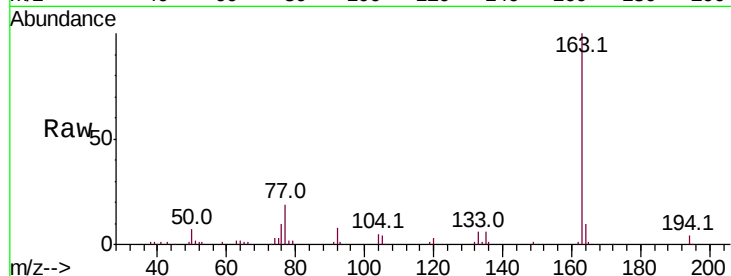
#49
Dimethylphthalate
Concen: 8.368 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109683.D
Acq: 9 Oct 2018 8:24

Instrument :
BNA_F
ClientSampled :
S-16

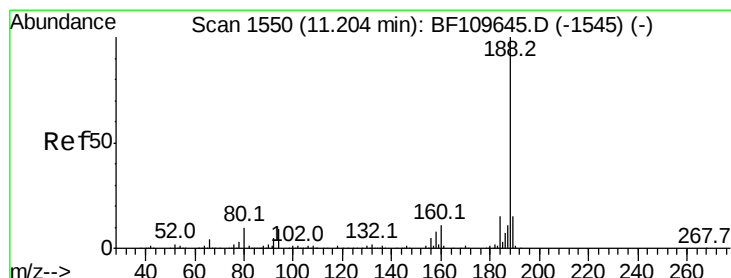
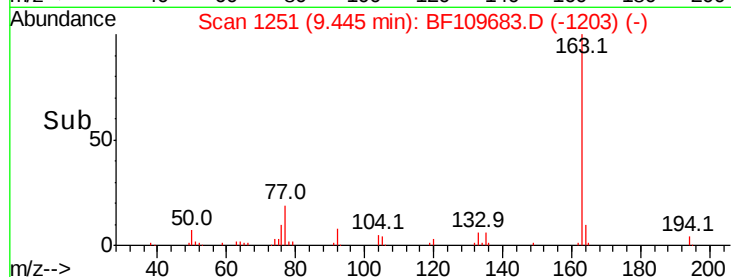
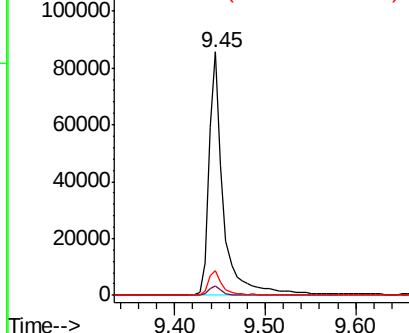
Tot Ion	Ratio	Resp	Lower	Upper
163	100	96080		
194	3.7		3.2	4.8
164	10.4		8.1	12.1

Manual Integrations
APPROVED

Sohil
10/9/2018 2:58:05 PM

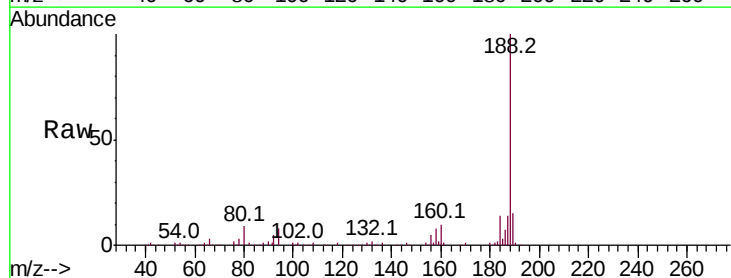


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

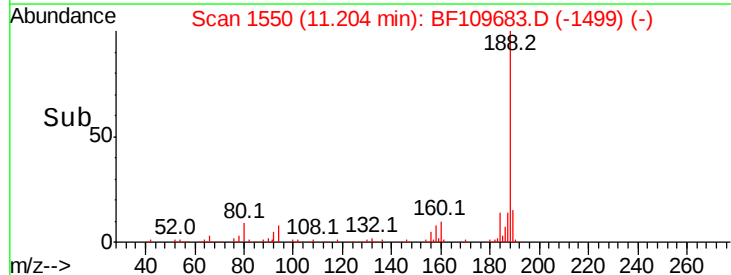
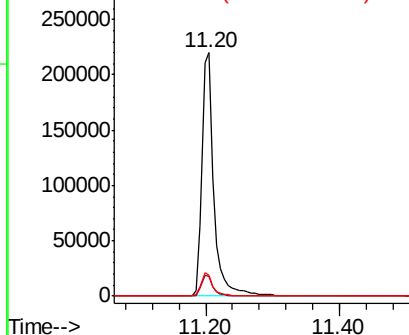


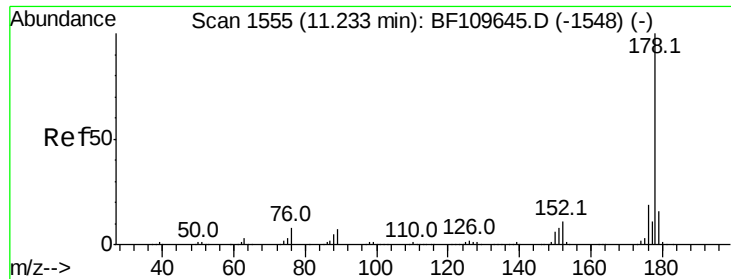
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF109683.D
Acq: 9 Oct 2018 8:24

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	264238		
94	8.1		7.2	10.8
80	8.8		7.9	11.9



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





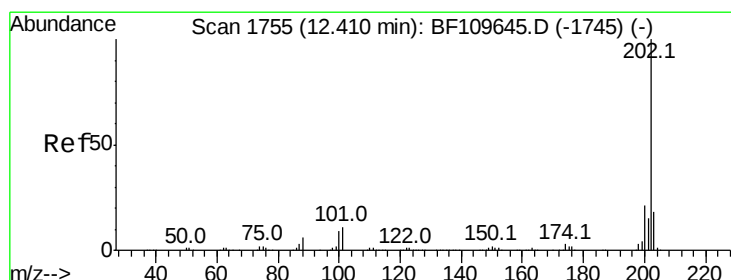
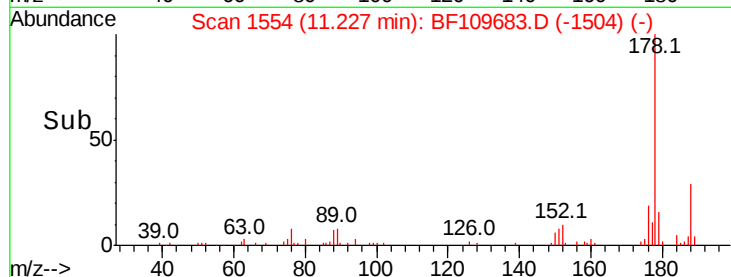
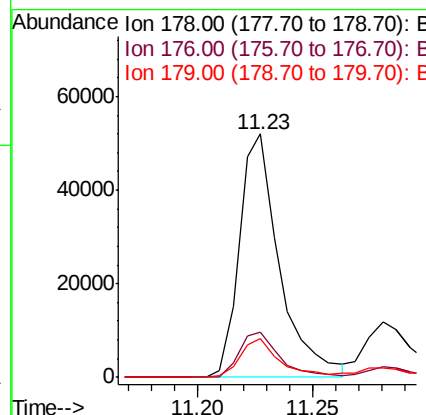
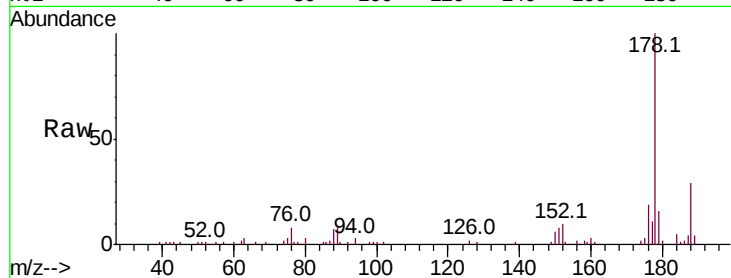
#70
Phenanthrene
Concen: 4.773 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF109683.D
Acq: 9 Oct 2018 8:24

Instrument :
BNA_F
ClientSampleId :
S-16

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.5	23.3
179	15.8	12.5	18.7

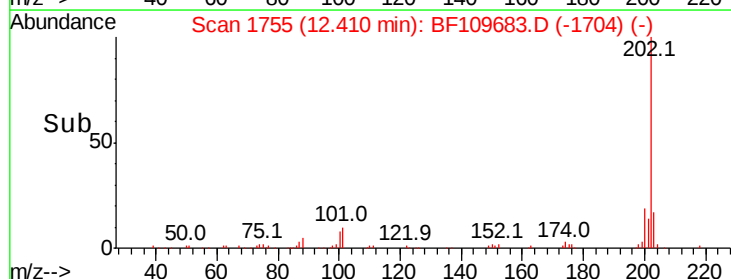
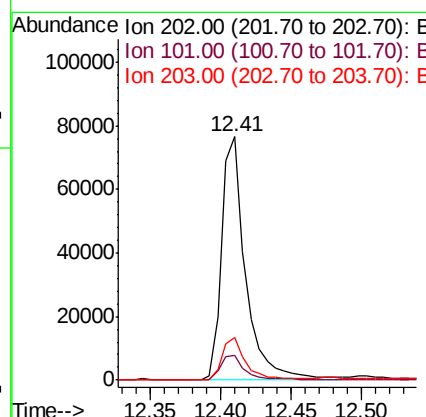
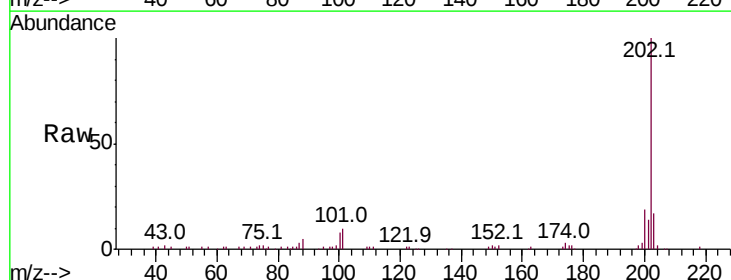
Manual Integrations
APPROVED

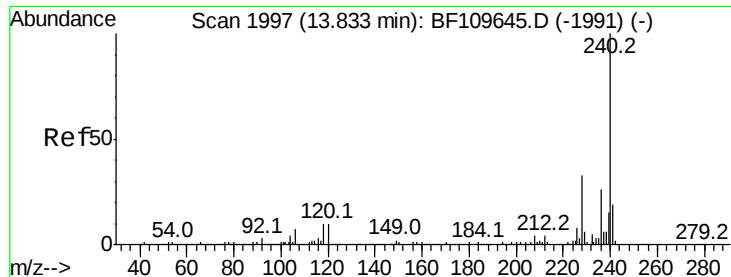
Sohil
10/9/2018 2:58:05 PM



#74
Fluoranthene
Concen: 6.578 ng
RT: 12.41 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BF109683.D
Acq: 9 Oct 2018 8:24

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	31.4
203	17.4	0.0	37.7





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109683.D

Acq: 9 Oct 2018 8:24

Instrument :

BNA_F

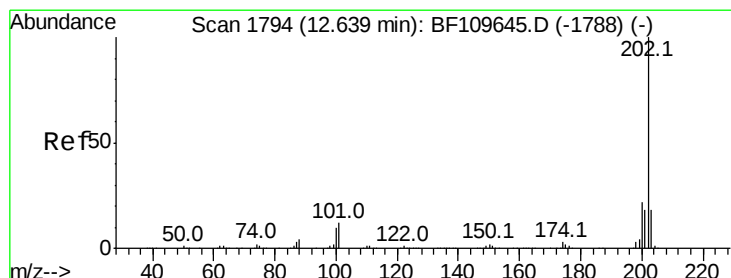
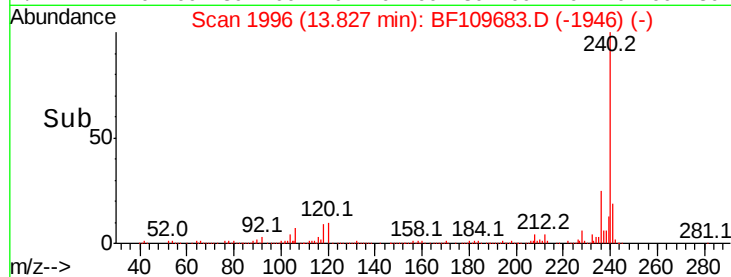
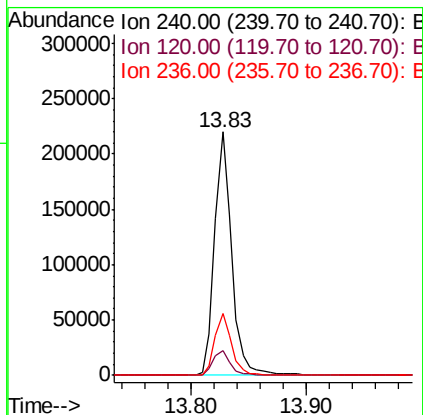
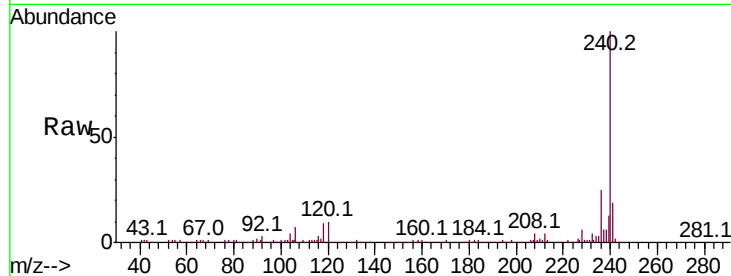
ClientSampled :

S-16

Tot Ion:	240	Resp:	226002
Ion Ratio	Lower	Upper	
240	100		
120	10.0	8.3	12.5
236	25.5	21.2	31.8

Manual Integrations
APPROVED

Sohil
10/9/2018 2:58:05 PM



#77

Pyrene

Concen: 4.932 ng

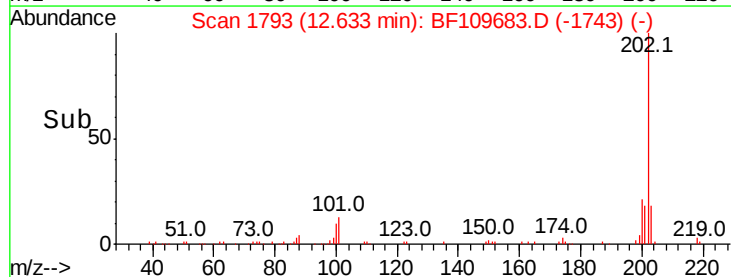
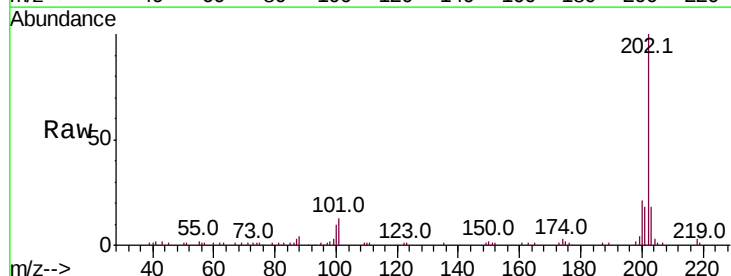
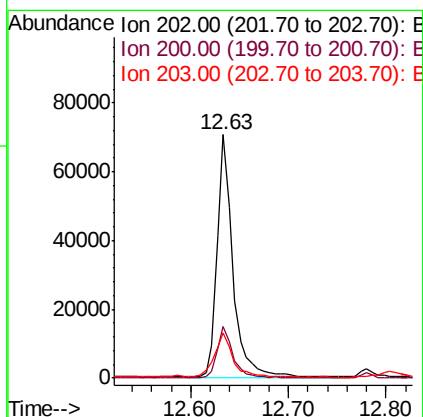
RT: 12.63 min Scan# 1793

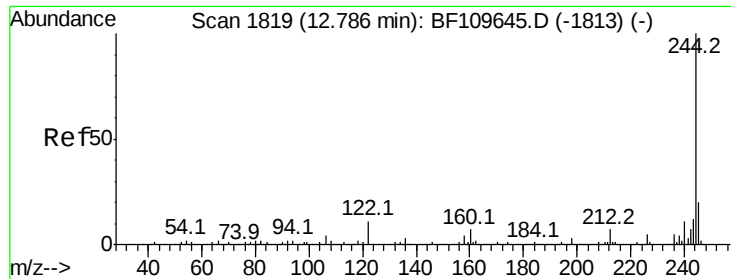
Delta R.T. -0.01 min

Lab File: BF109683.D

Acq: 9 Oct 2018 8:24

Tgt Ion:	202	Resp:	81661
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.8	26.6
203	18.4	14.2	21.4





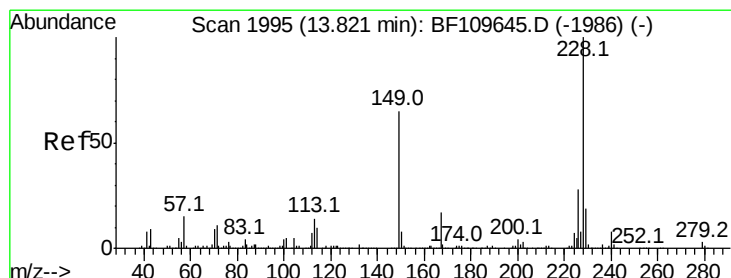
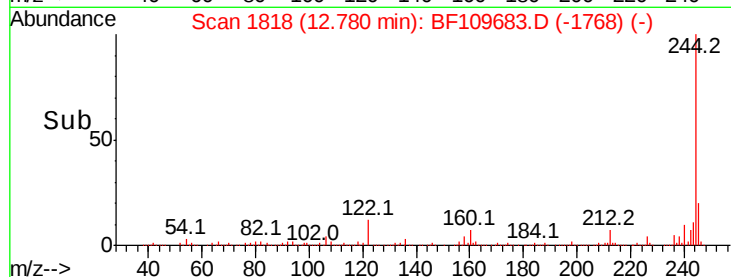
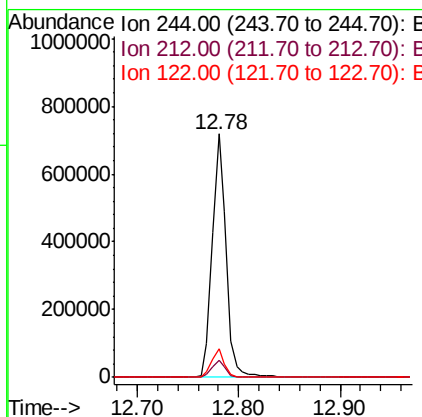
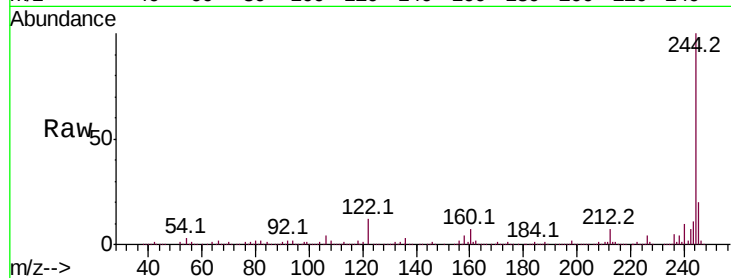
#78
 Terphenyl-d14
 Concen: 58.801 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BF109683.D
 Acq: 9 Oct 2018 8:24

Instrument :
 BNA_F
 ClientSampled :
 S-16

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.2	5.8	8.8	
122	11.7	8.7	13.1	

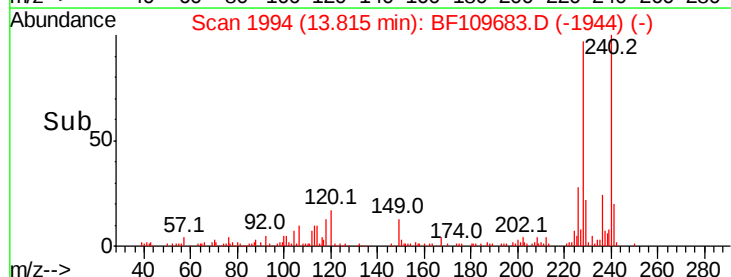
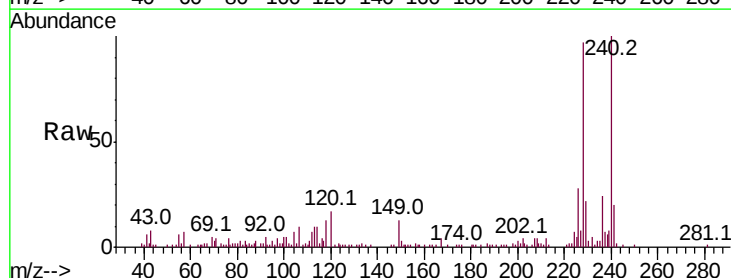
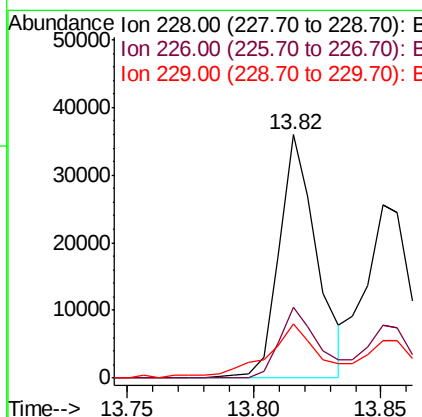
Manual Integrations
 APPROVED

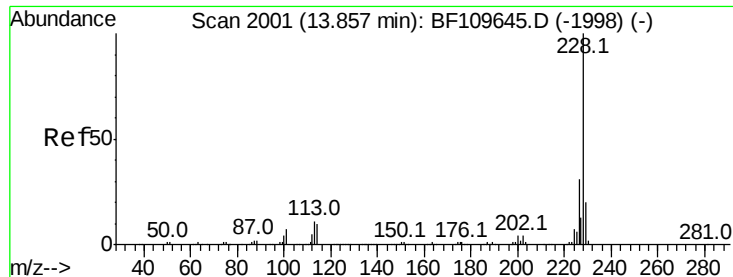
Sohil
 10/9/2018 2:58:05 PM



#80
 Benzo(a)anthracene
 Concen: 2.984 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.01 min
 Lab File: BF109683.D
 Acq: 9 Oct 2018 8:24

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	29.3	22.1	33.1	
229	22.4	15.6	23.4	





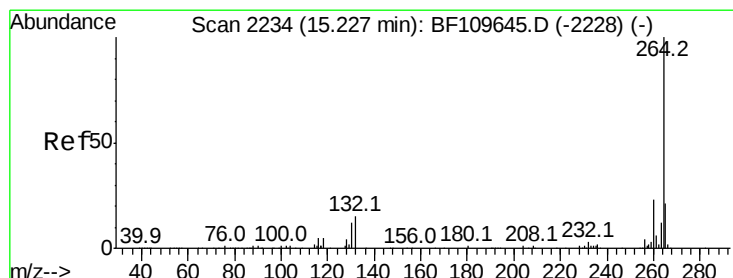
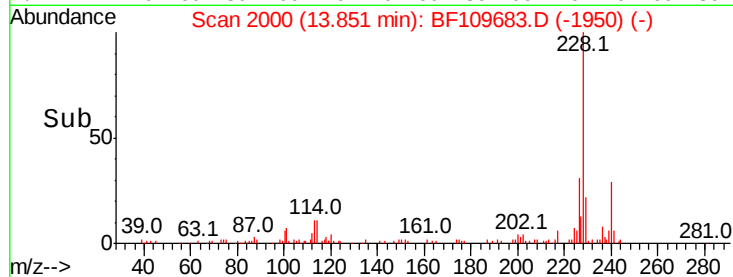
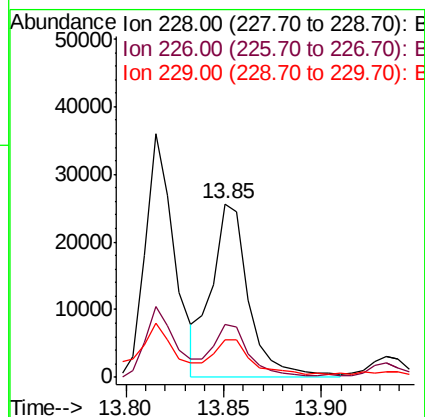
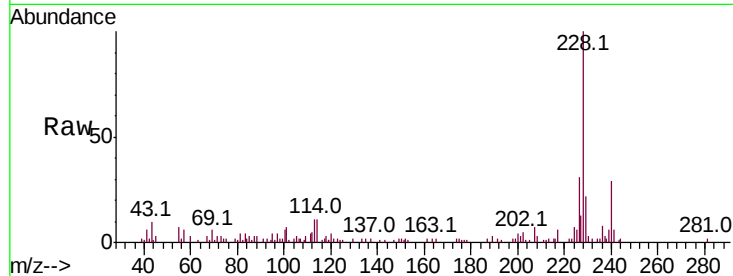
#82
Chrysene
Concen: 2.613 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF109683.D
Acq: 9 Oct 2018 8:24

Instrument :
BNA_F
ClientSampled :
S-16

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.7	37.1
229	21.7	15.9	23.9

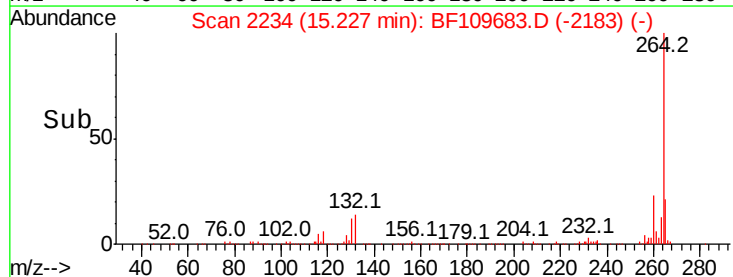
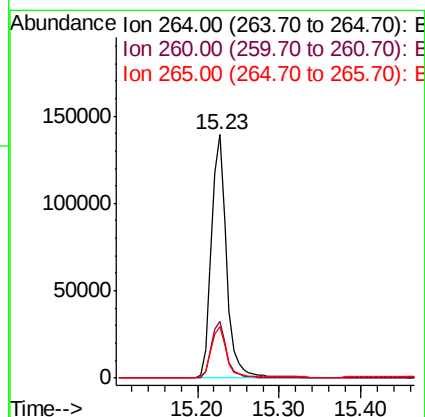
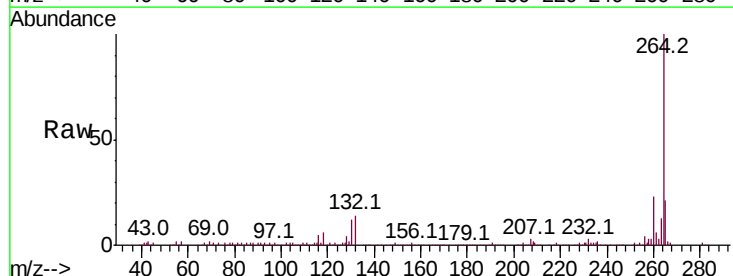
Manual Integrations
APPROVED

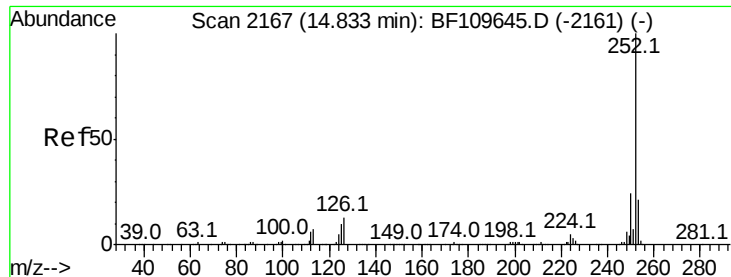
Sohil
10/9/2018 2:58:05 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BF109683.D
Acq: 9 Oct 2018 8:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	21.2	16.7	25.1





#87

Benzo(b)fluoranthene

Concen: 2.925 ng/mL

RT: 14.83 min Scan# 2167

Delta R.T. -0.00 min

Lab File: BF109683.D

Acq: 9 Oct 2018 8:24

Instrument :

BNA_F

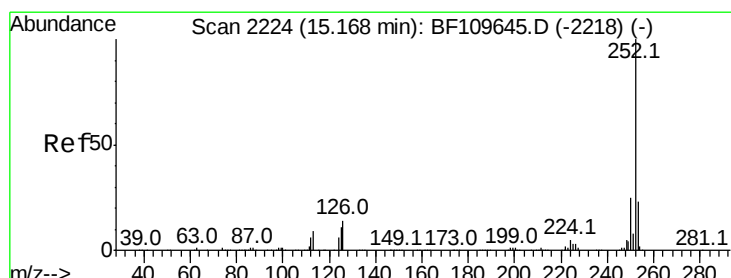
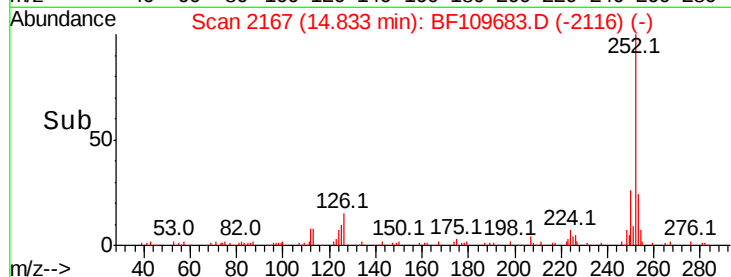
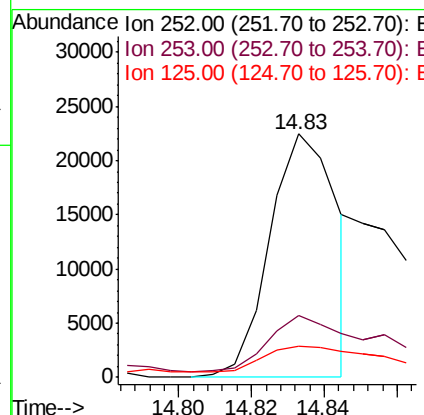
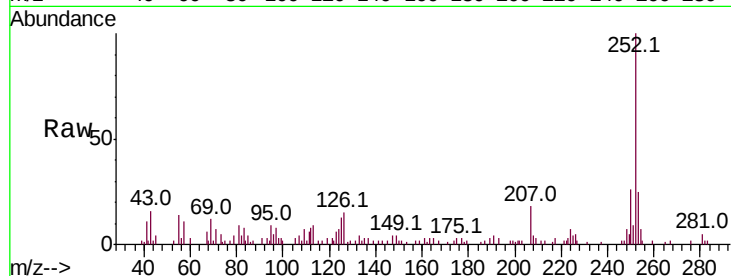
ClientSampleId :

S-16

Tot Ion:	252	Resp:	29072
Ion Ratio	Lower	Upper	
252	100		
253	25.3	17.2	25.8
125	13.0	8.2	12.4#

Manual Integrations
APPROVED

Sohil
10/9/2018 2:58:05 PM



#89

Benzo(a)pyrene

Concen: 2.853 ng/mL

RT: 15.17 min Scan# 2224

Delta R.T. -0.00 min

Lab File: BF109683.D

Acq: 9 Oct 2018 8:24

Tgt Ion:	252	Resp:	25737
Ion Ratio	Lower	Upper	
252	100		
253	26.1	18.2	27.4
125	14.3	9.0	13.6#

