

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010918\
 Data File : BF101968.D
 Acq On : 9 Jan 2018 22:24
 Operator : SJ/JU
 Sample : J1043-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Manual Integrations
 APPROVED

Sohil
 1/10/2018 11:45:19 AM

Quant Time: Jan 10 09:08:15 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 15:20:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	225567	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	817063	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	286674	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	433496	20.00	ng	0.00
75) Chrysene-d12	13.88	240	410075	20.00	ng	0.00
86) Perylene-d12	15.30	264	282961	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1609547	100.76	ng	0.01
7) Phenol-d6	6.36	99	1865654	97.89	ng	0.01
23) Nitrobenzene-d5	7.29	82	1137799	81.83	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	233654	93.40	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1457866	79.45	ng	0.00
78) Terphenyl-d14	12.83	244	1023830	51.84	ng	0.00
Target Compounds						
10) Phenol	6.37	94	104373	4.846	ng	Qvalue 81
49) Dimethylphthalate	9.48	163	191468	8.326	ng	100
70) Phenanthrene	11.27	178	193385	7.637	ng	99
74) Fluoranthene	12.45	202	243238	9.763	ng	98
77) Pyrene	12.68	202	211240	5.828	ng	99
80) Benzo(a)anthracene	13.87	228	96634	3.693	ng	95
82) Chrysene	13.90	228	100014	3.666	ng	97
83) Bis(2-ethylhexyl)phthalate	13.87	149	49631	2.601	ng	100
87) Benzo(b)fluoranthene	14.89	252	96819m	5.248	ng	
88) Benzo(k)fluoranthene	14.92	252	36240m	2.036	ng	
89) Benzo(a)pyrene	15.24	252	59752	3.599	ng	# 81
91) Benzo(a,h,i)perylene	17.10	276	34374	2.576	ng	93

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

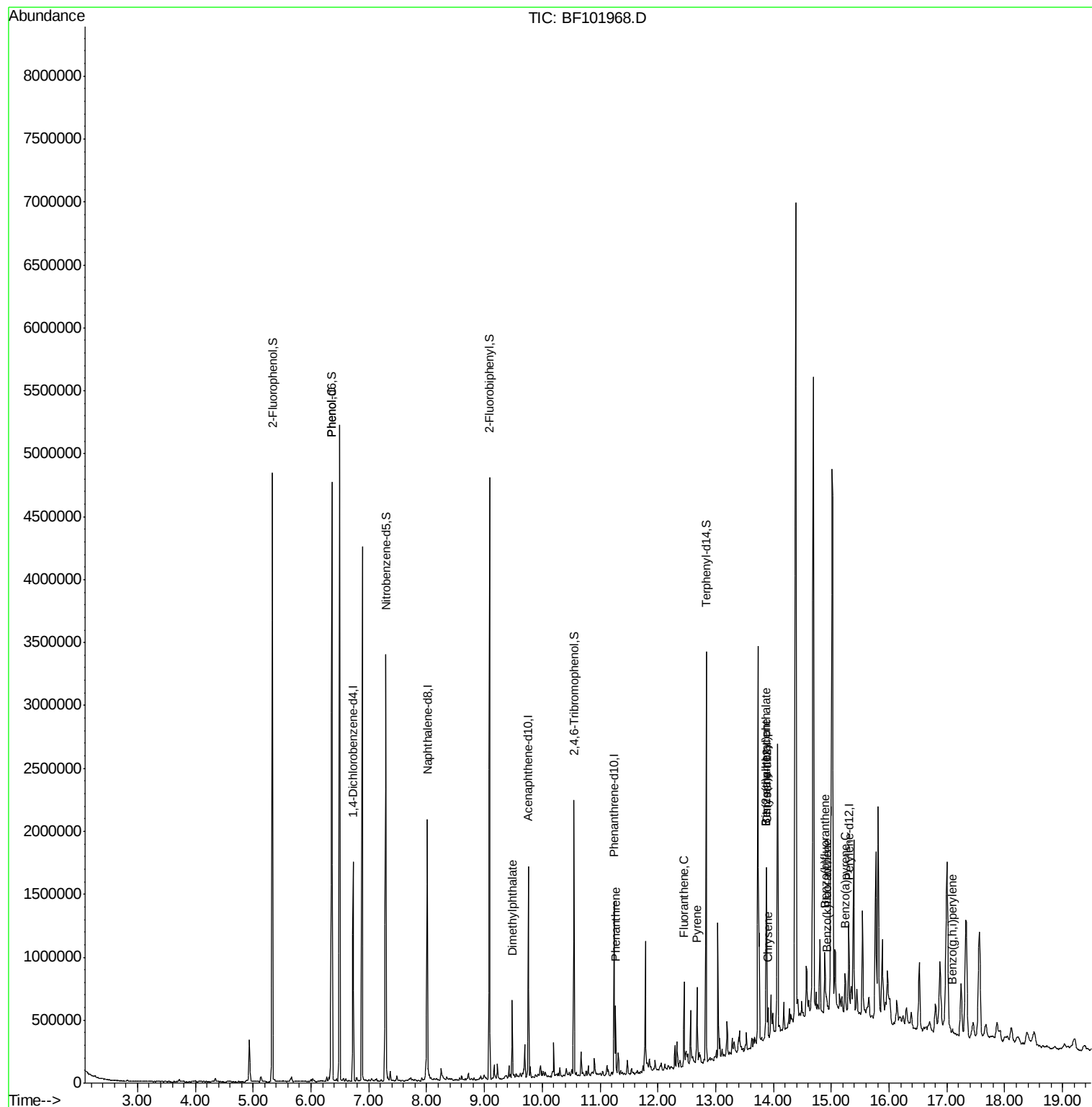
Data Path : Z:\HPCHEM1\BNA F\DATA\BF010918\
Data File : BF101968.D
Acq On : 9 Jan 2018 22:24
Operator : SJ/JU
Sample : J1043-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

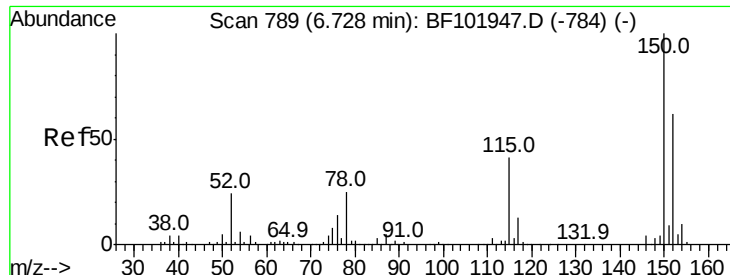
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Manual Integrations
APPROVED

Sohil
1/10/2018 11:45:19 AM

Quant Time: Jan 10 09:08:15 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 09 15:20:36 2018
Response via : Initial Calibration





#1

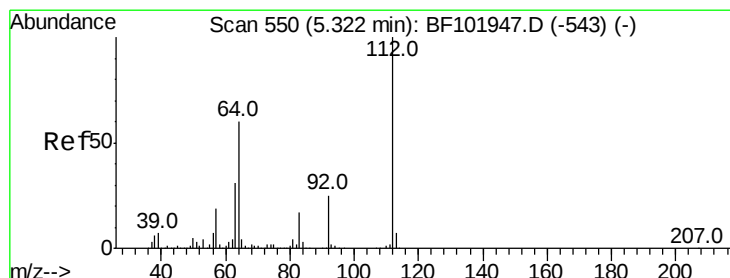
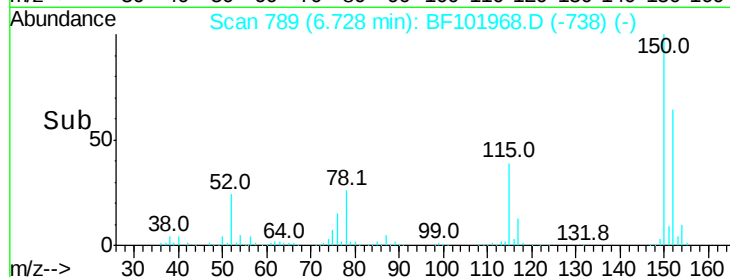
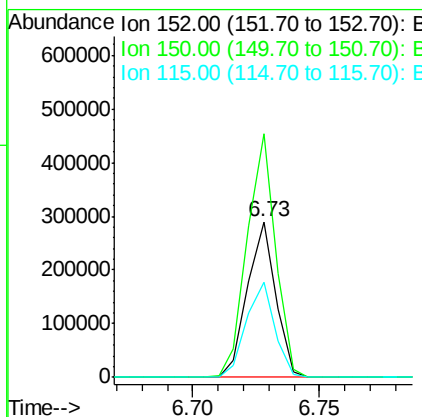
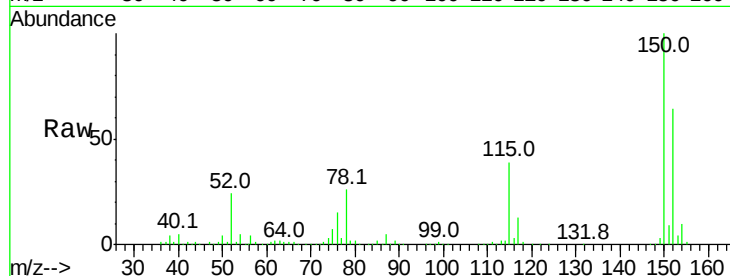
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF101968.D
Acq: 9 Jan 2018 22:24

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.6	186.8
115	61.4	50.1	75.1

Manual Integrations
APPROVED

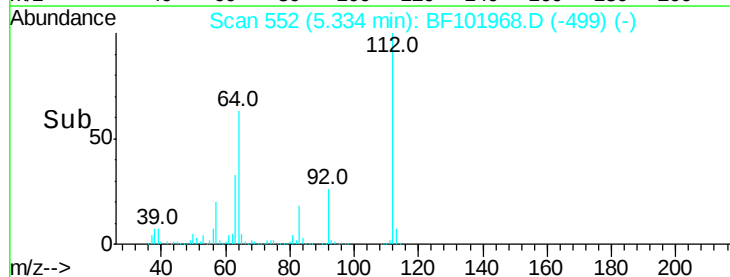
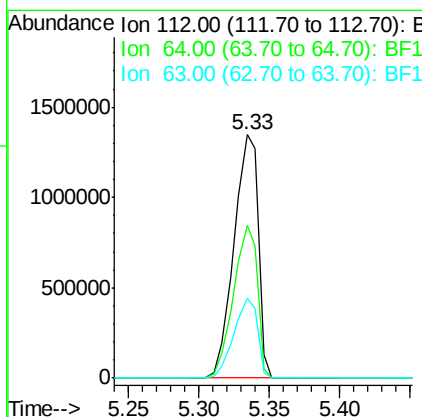
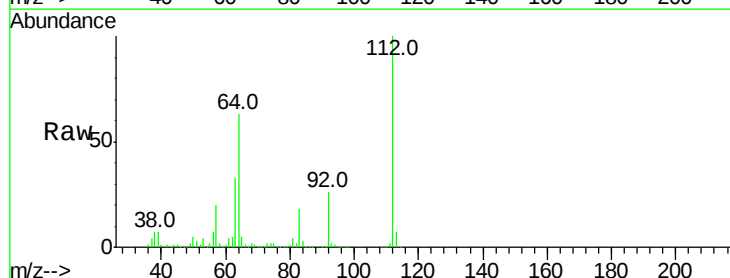
Sohil
1/10/2018 11:45:19 AM

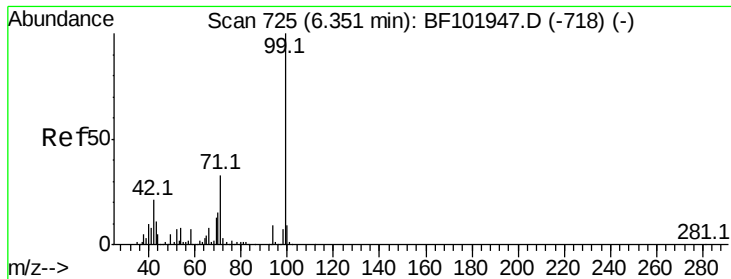


#5

2-Fluorophenol
Concen: 100.760 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF101968.D
Acq: 9 Jan 2018 22:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.7	47.9	71.9
63	32.5	23.7	35.5





#7

Phenol-d6

Concen: 97.890 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF101968.D

Acq: 9 Jan 2018 22:24

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

Tot Ion: 99 Resp: 1865654

Ion Ratio Lower Upper

99 100

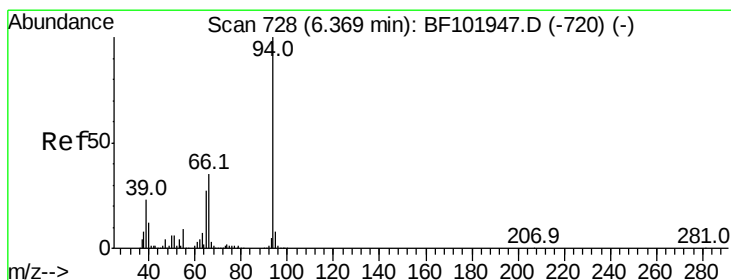
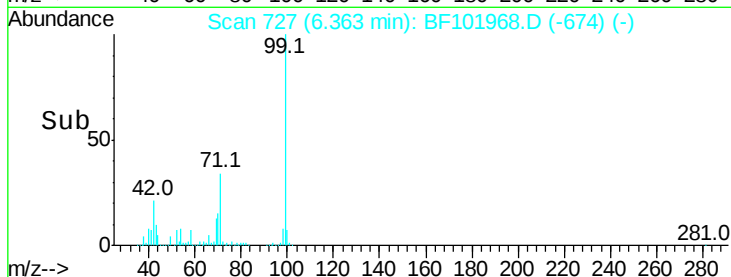
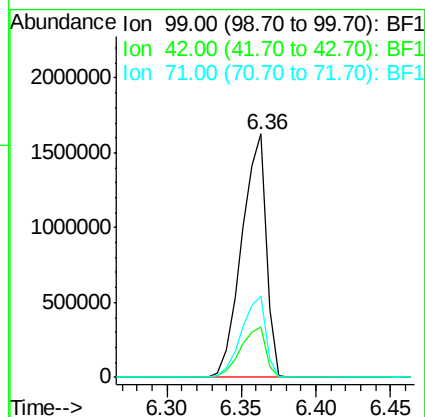
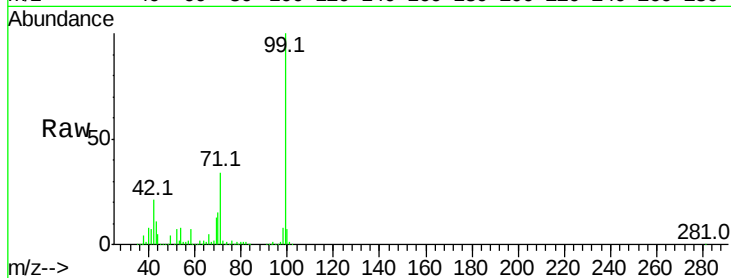
42 20.6 14.5 21.7

71 33.5 25.4 38.0

Manual Integrations
APPROVED

Sohil

1/10/2018 11:45:19 AM



#10

Phenol

Concen: 4.846 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF101968.D

Acq: 9 Jan 2018 22:24

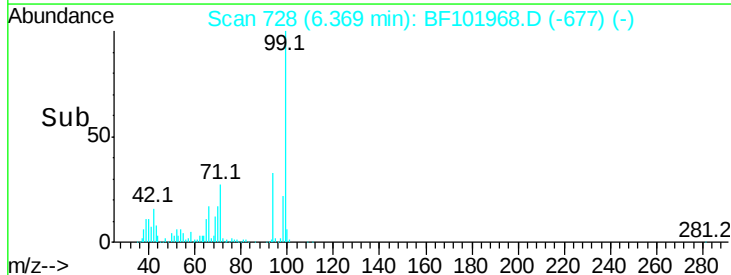
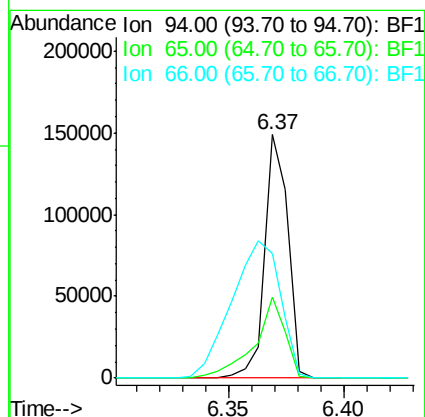
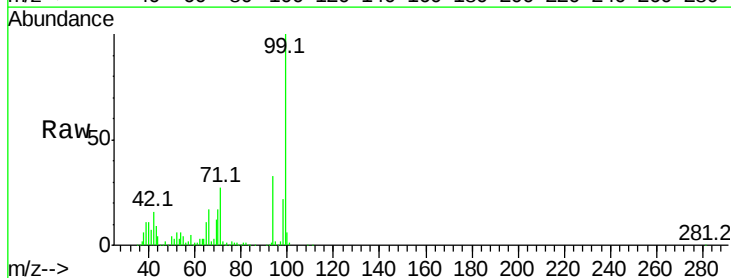
Tgt Ion: 94 Resp: 104373

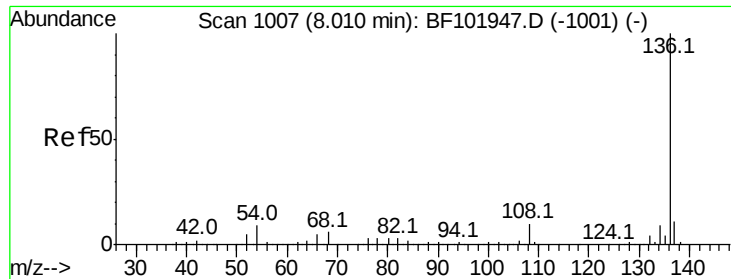
Ion Ratio Lower Upper

94 100

65 33.4 7.9 47.9

66 51.2 16.2 56.2





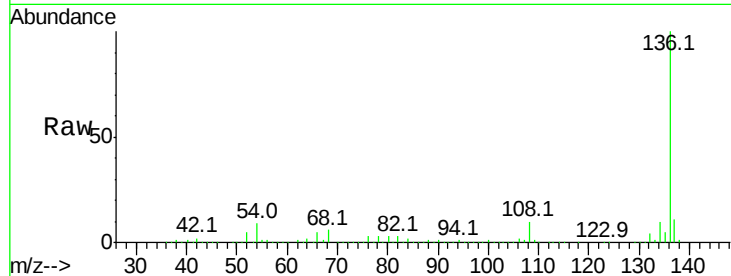
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF101968.D
Acq: 9 Jan 2018 22:24

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

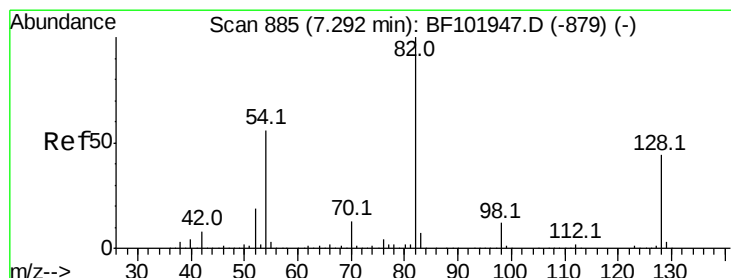
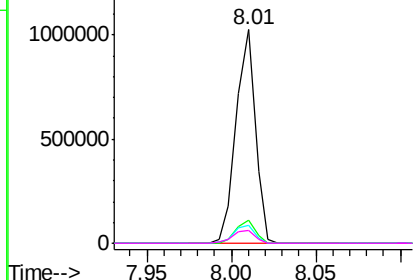
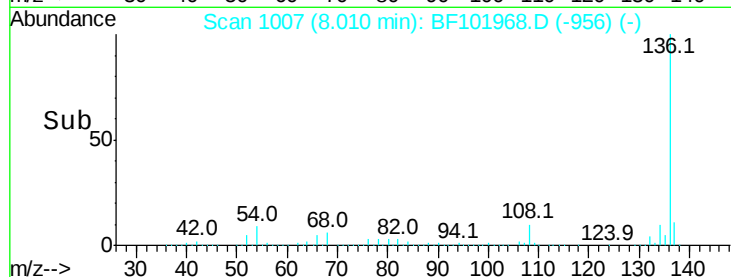
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.9	13.3	
54	8.5	6.6	9.8	
68	6.2	5.0	7.4	

Manual Integrations
APPROVED

Sohil
1/10/2018 11:45:19 AM

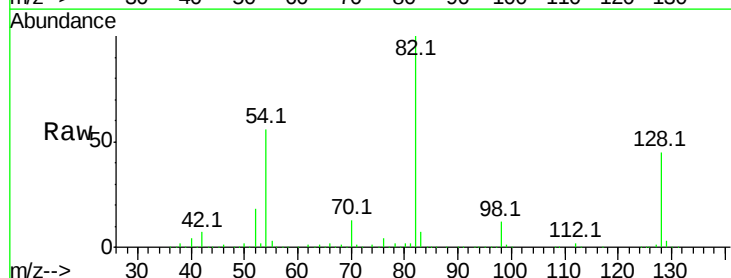


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

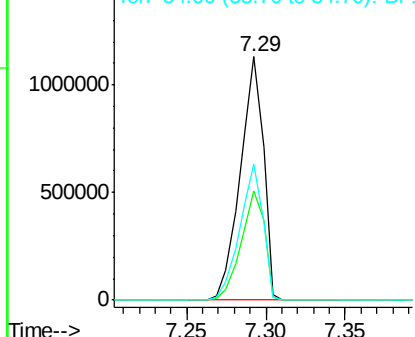
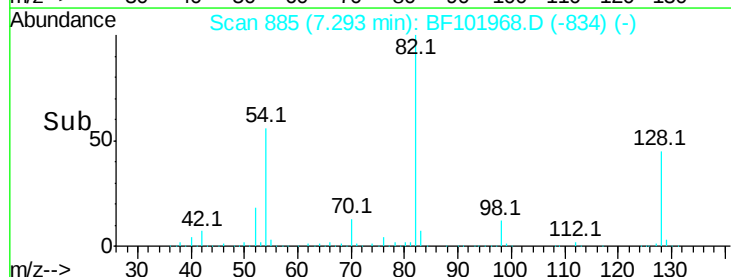


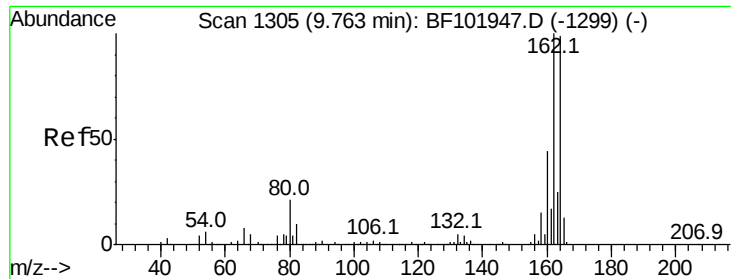
#23
Nitrobenzene-d5
Concen: 81.832 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF101968.D
Acq: 9 Jan 2018 22:24

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.6	36.1	54.1	
54	55.9	41.4	62.2	



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





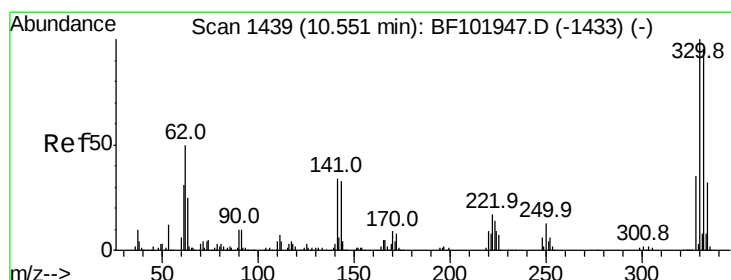
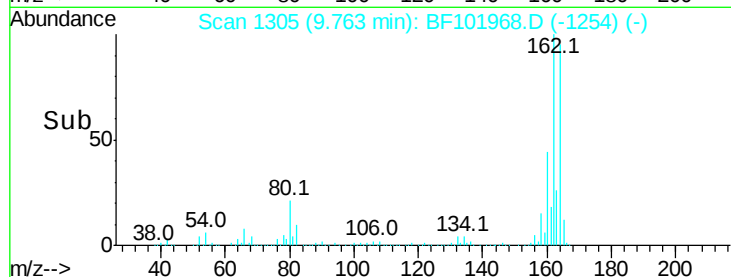
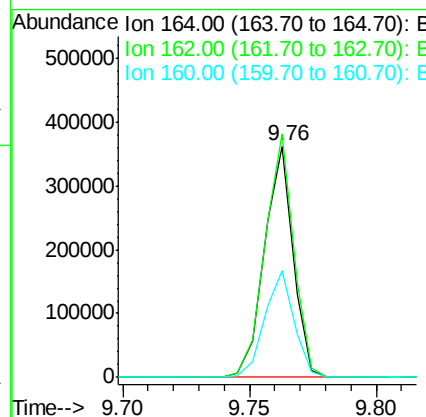
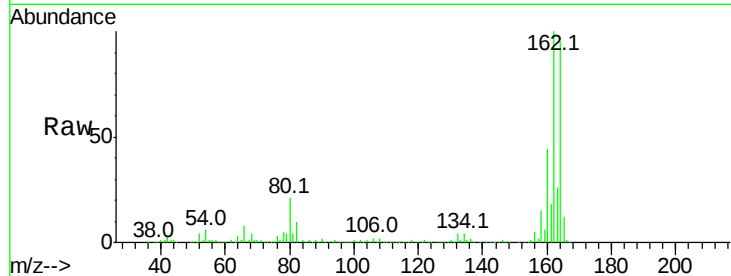
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF101968.D
Acq: 9 Jan 2018 22:24

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tot Ion	Ratio	Resp	Lower	Upper
164	100	286674		
162	105.3	86.1	129.1	
160	45.9	38.3	57.5	

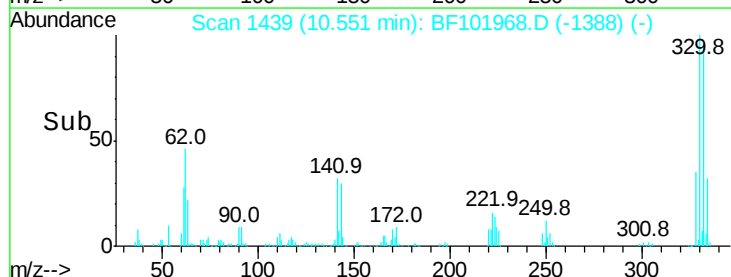
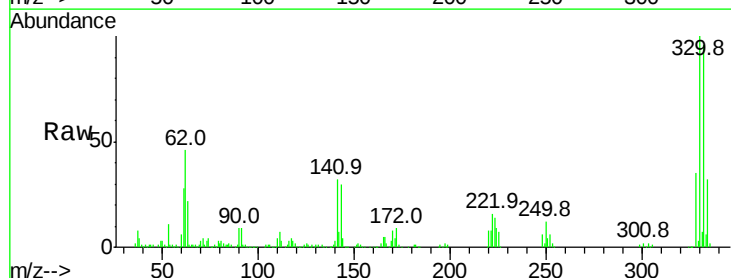
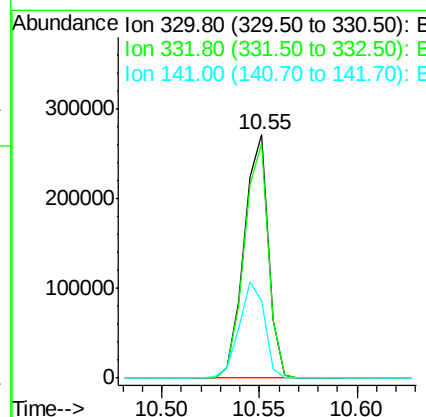
Manual Integrations
APPROVED

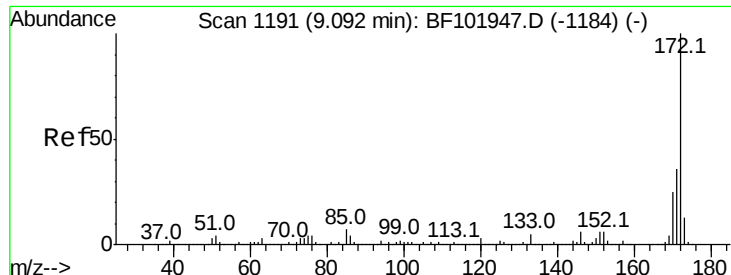
Sohil
1/10/2018 11:45:19 AM



#41
2,4,6-Tribromophenol
Concen: 93.396 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF101968.D
Acq: 9 Jan 2018 22:24

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	233654		
332	96.7	77.0	115.6	
141	41.4	29.9	44.9	





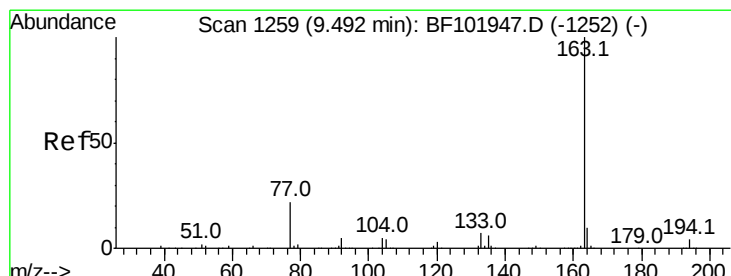
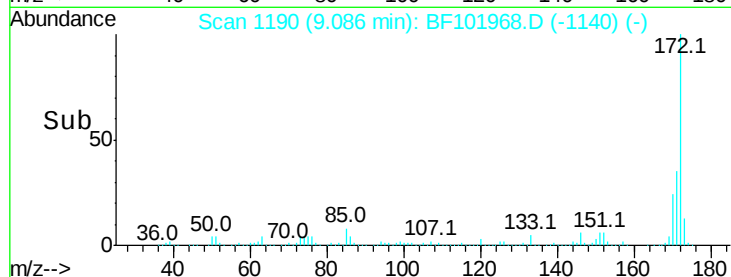
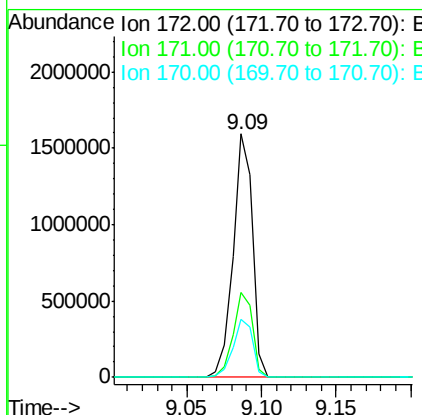
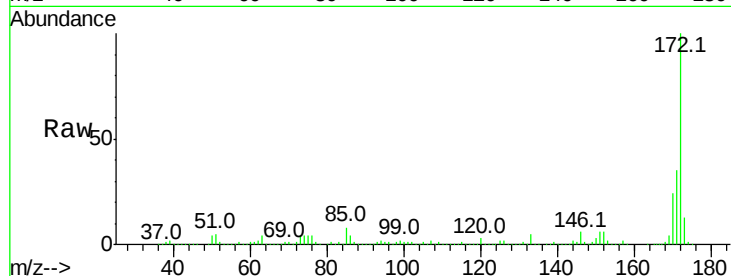
#44
2-Fluorobiphenyl
Concen: 79.449 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF101968.D
Acq: 9 Jan 2018 22:24

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.7	44.5
170	24.1	19.6	29.4

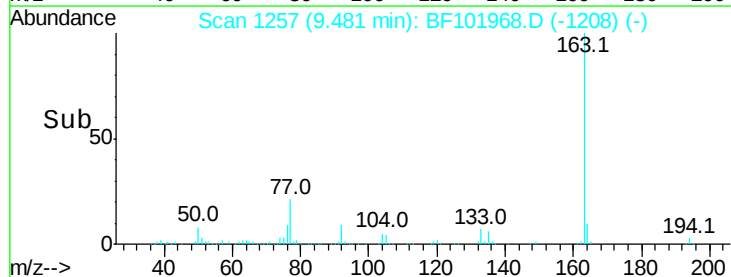
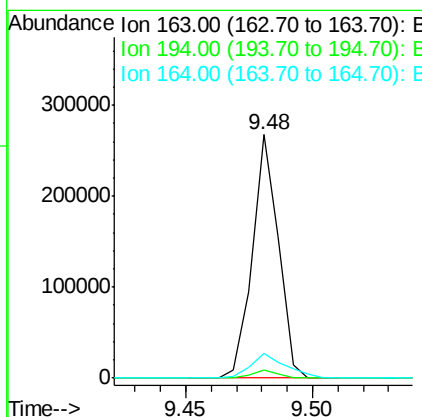
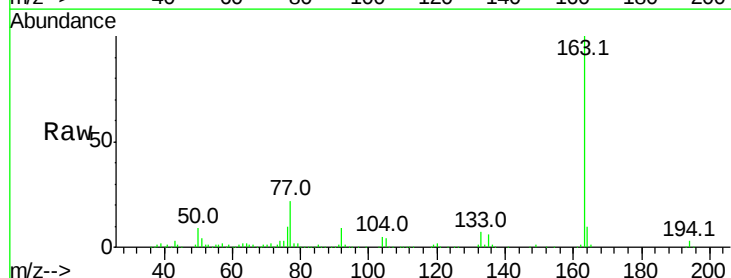
Manual Integrations
APPROVED

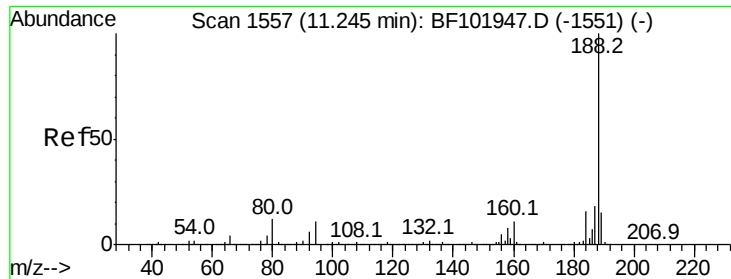
Sohil
1/10/2018 11:45:19 AM



#49
Dimethylphthalate
Concen: 8.326 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF101968.D
Acq: 9 Jan 2018 22:24

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	10.4	8.2	12.2





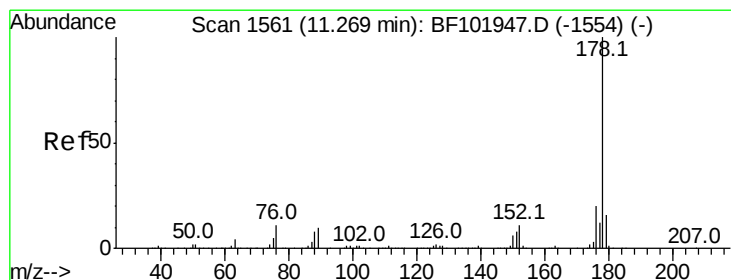
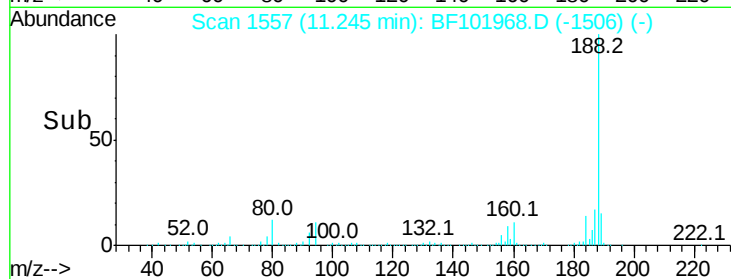
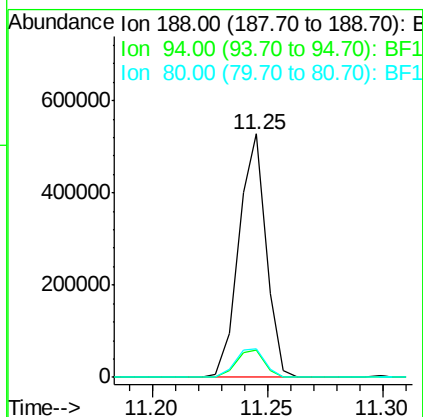
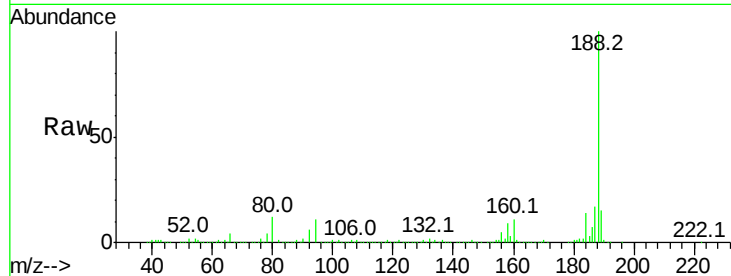
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF101968.D
Acq: 9 Jan 2018 22:24

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tot Ion	Ratio	Resp	Lower	Upper
188	100	433496		
94	11.2		8.5	12.7
80	11.8		9.2	13.8

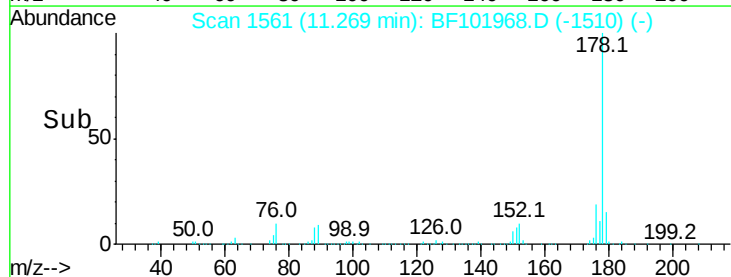
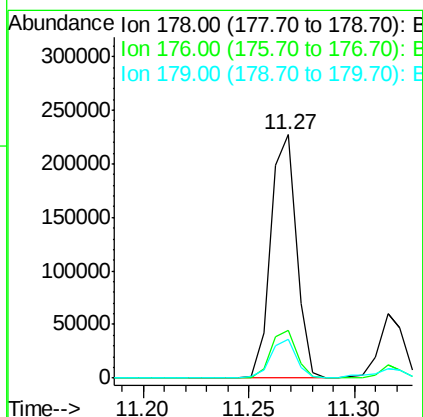
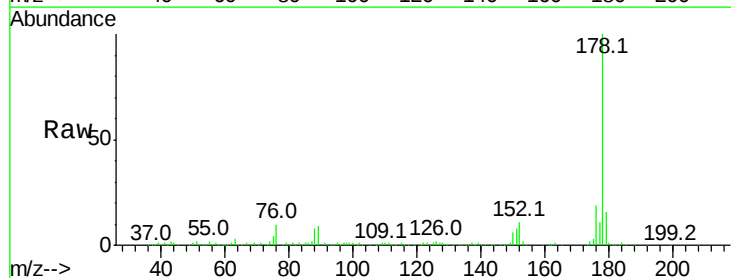
Manual Integrations
APPROVED

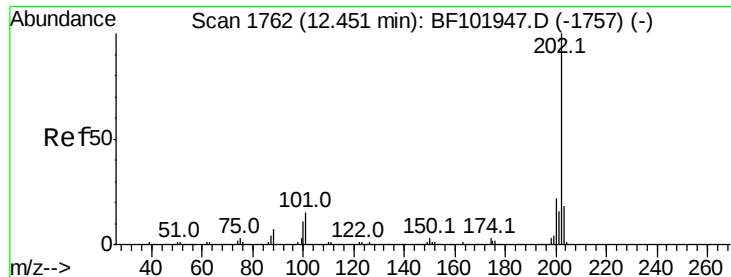
Sohil
1/10/2018 11:45:19 AM



#70
Phenanthrene
Concen: 7.637 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BF101968.D
Acq: 9 Jan 2018 22:24

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	193385		
176	19.4		15.8	23.8
179	15.7		13.0	19.6





#74

Fluoranthene

Concen: 9.763 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF101968.D

Acq: 9 Jan 2018 22:24

Instrument :

BNA_F

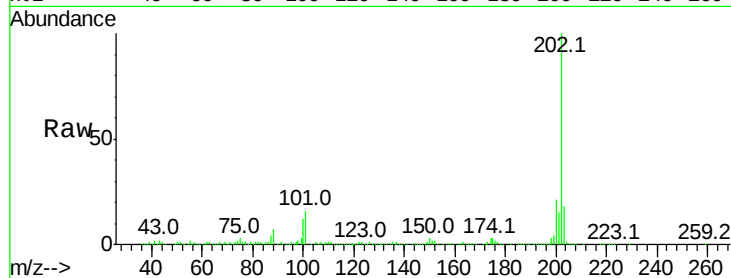
ClientSampleId :

SB-02-COMP

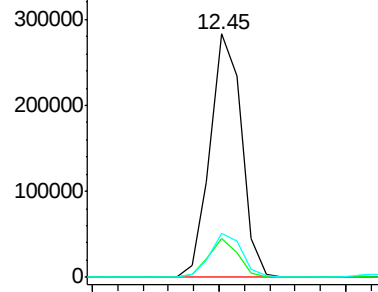
Tot Ion:	202	Resp:	243238
Ion Ratio	Lower	Upper	
202	100		
101	15.7	0.0	34.1
203	18.1	0.0	38.1

Manual Integrations
APPROVED

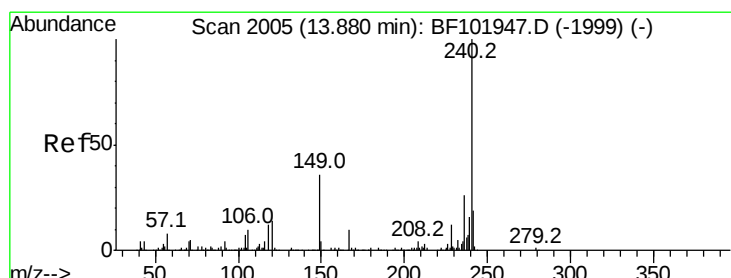
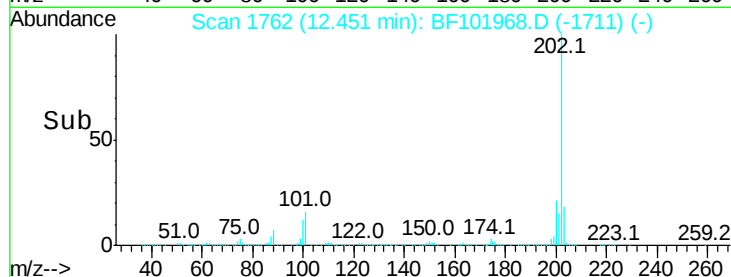
Sohil
1/10/2018 11:45:19 AM



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



Time--> 12.40 12.45 12.50



#75

Chrysene-d12

Concen: 20.000 ng

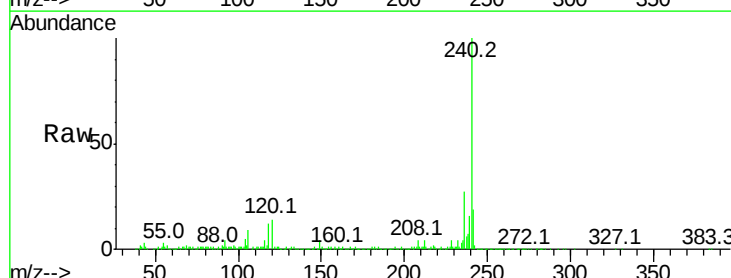
RT: 13.88 min Scan# 2005

Delta R.T. 0.00 min

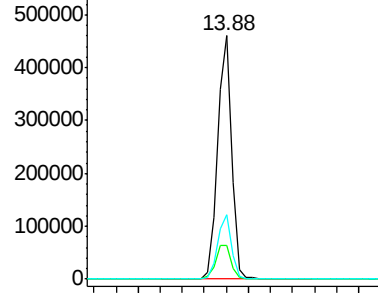
Lab File: BF101968.D

Acq: 9 Jan 2018 22:24

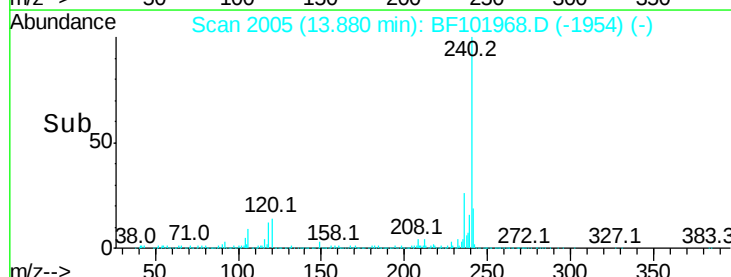
Tgt Ion:	240	Resp:	410075
Ion Ratio	Lower	Upper	
240	100		
120	13.7	9.5	14.3
236	26.6	20.7	31.1

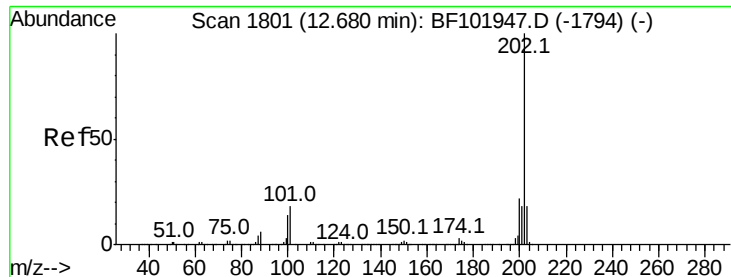


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time--> 13.80 13.90 14.00





#77

Pvrene

Concen: 5.828 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BF101968.D

Acq: 9 Jan 2018 22:24

Instrument :

BNA_F

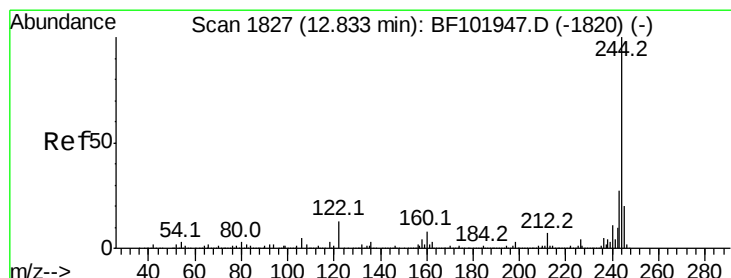
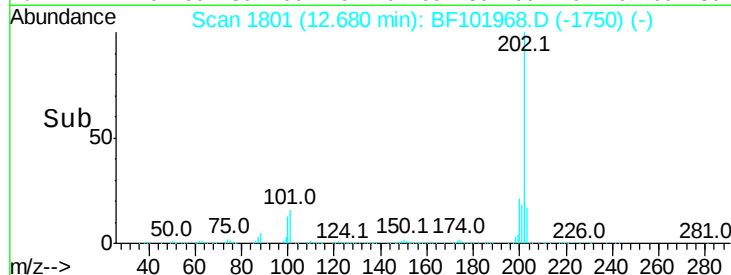
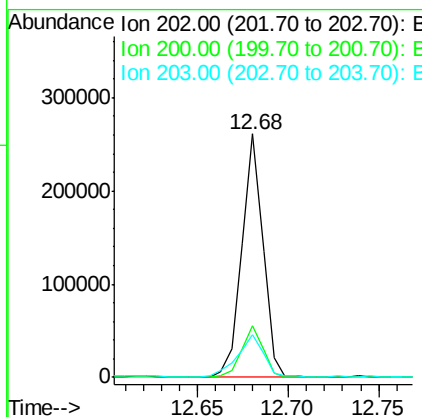
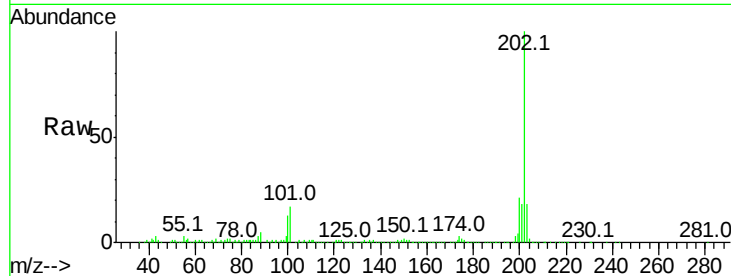
ClientSampleId :

SB-02-COMP

Tot Ion:	202	Resp:	211240
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.4	26.2
203	17.7	14.3	21.5

Manual Integrations
APPROVED

Sohil
1/10/2018 11:45:19 AM



#78

Terphenyl-d14

Concen: 51.838 ng

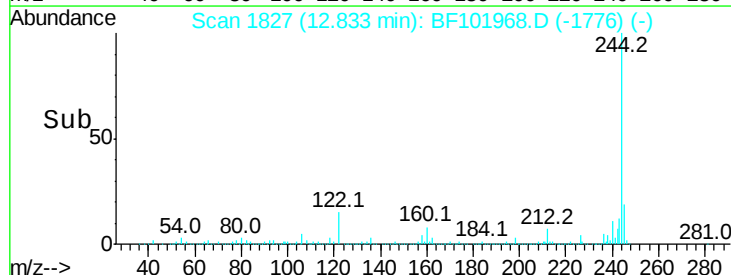
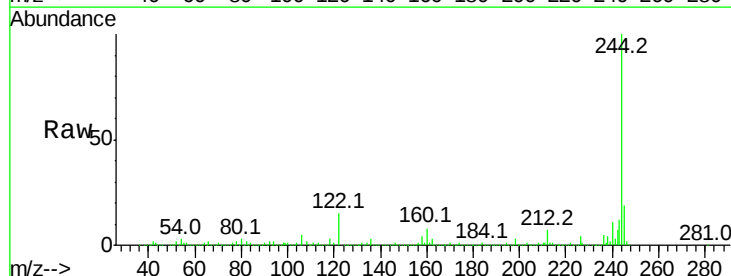
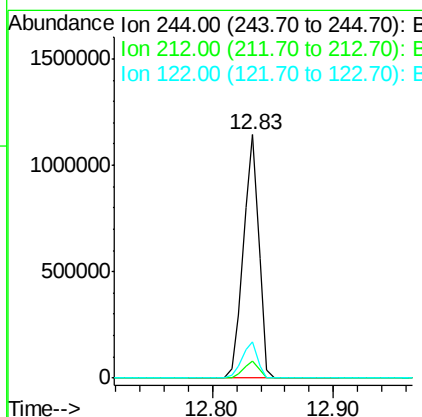
RT: 12.83 min Scan# 1827

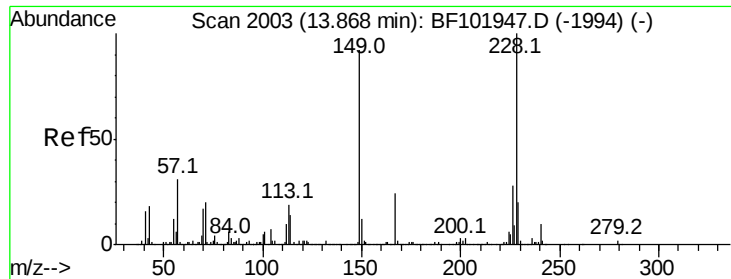
Delta R.T. 0.00 min

Lab File: BF101968.D

Acq: 9 Jan 2018 22:24

Tgt Ion:	244	Resp:	1023830
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.4	8.0
122	14.6	11.0	16.4





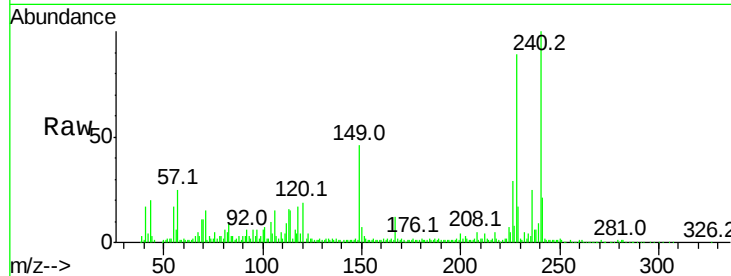
#80
Benzo(a)anthracene
Concen: 3.693 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BF101968.D
Acq: 9 Jan 2018 22:24

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

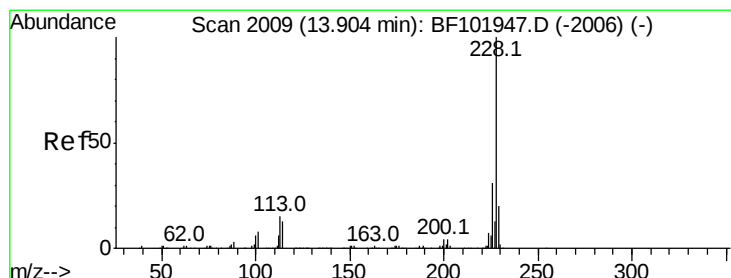
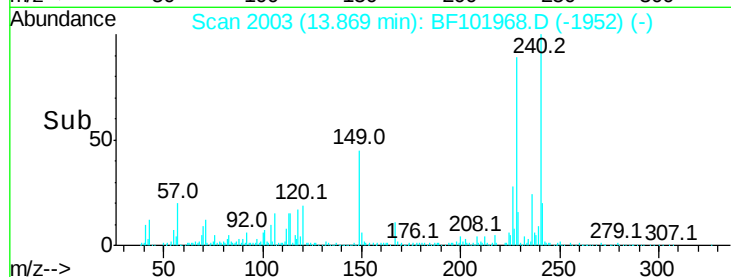
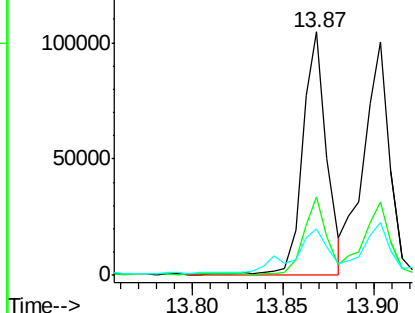
Tot Ion	Ratio	Lower	Upper
228	100		
226	32.4	22.6	33.8
229	19.4	15.8	23.6

Manual Integrations
APPROVED

Sohil
1/10/2018 11:45:19 AM



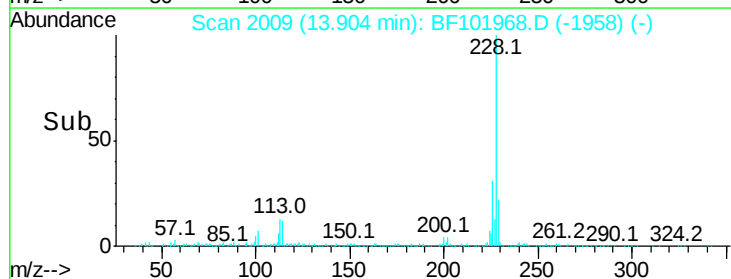
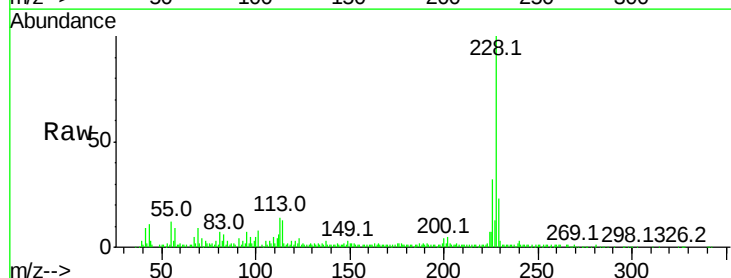
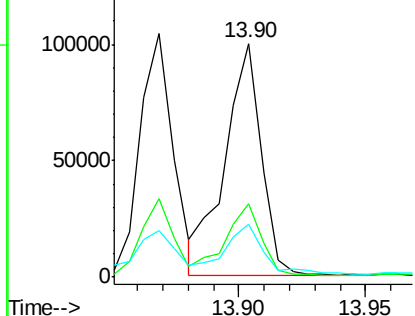
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

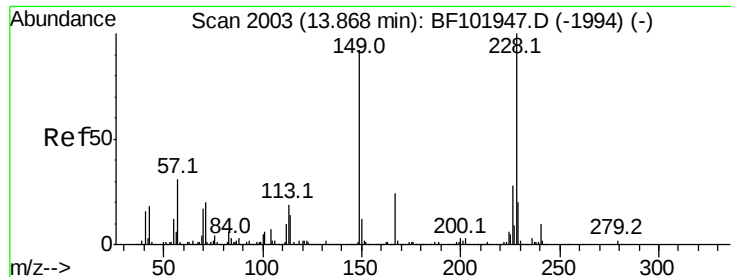


#82
Chrysene
Concen: 3.666 ng
RT: 13.90 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF101968.D
Acq: 9 Jan 2018 22:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.0	37.6
229	22.9	16.2	24.4

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.601 ng

RT: 13.87 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BF101968.D

Acq: 9 Jan 2018 22:24

Instrument :

BNA_F

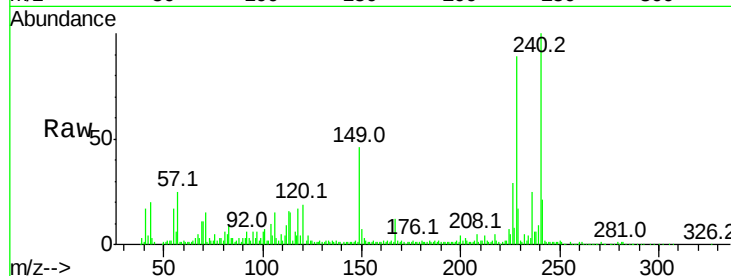
ClientSampleId :

SB-02-COMP

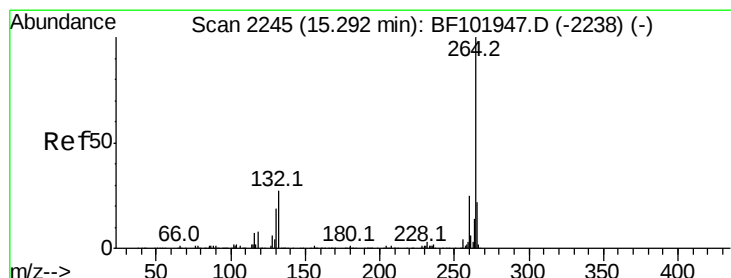
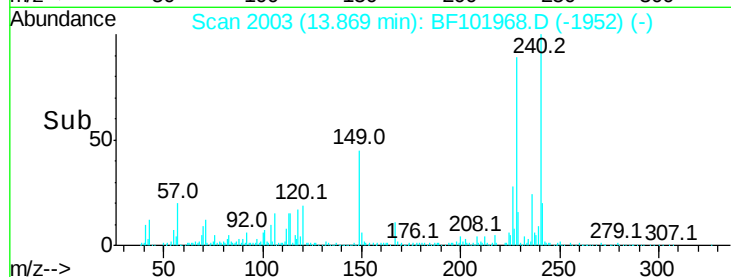
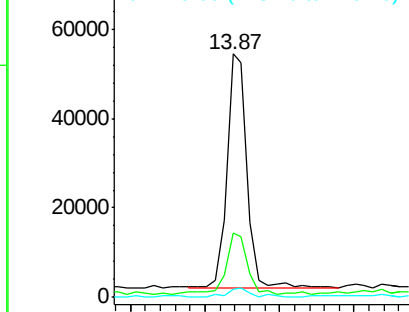
Tot Ion:	149	Resp:	49631
Ion Ratio	Lower	Upper	
149	100		
167	26.5	21.3	31.9
279	3.2	3.0	4.4

Manual Integrations
APPROVED

Sohil
1/10/2018 11:45:19 AM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

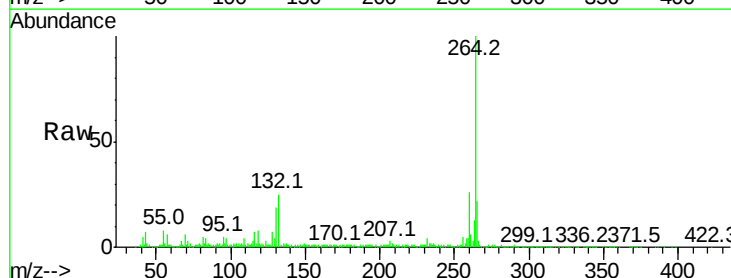
RT: 15.30 min Scan# 2247

Delta R.T. 0.01 min

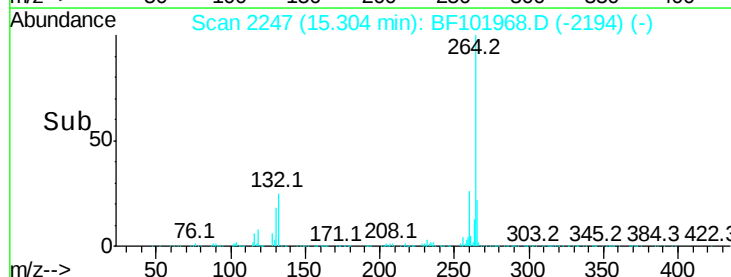
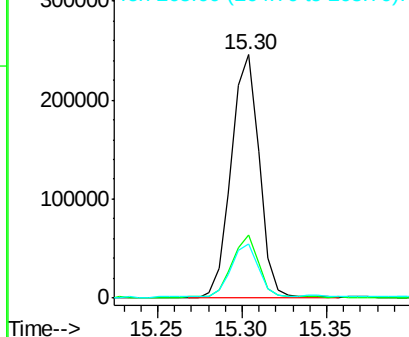
Lab File: BF101968.D

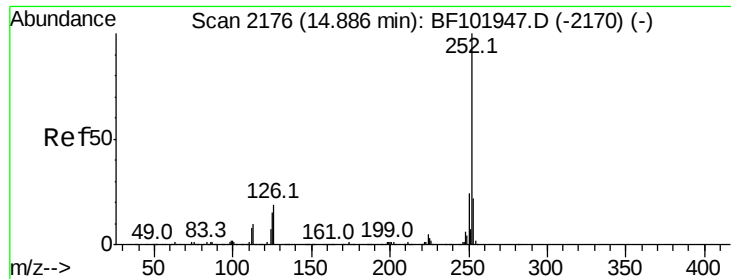
Acq: 9 Jan 2018 22:24

Tgt Ion:	264	Resp:	282961
Ion Ratio	Lower	Upper	
264	100		
260	25.9	19.2	28.8
265	22.5	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: 5.248 ng m

RT: 14.89 min Scan# 2177

Delta R.T. 0.01 min

Lab File: BF101968.D

Acq: 9 Jan 2018 22:24

Instrument :

BNA_F

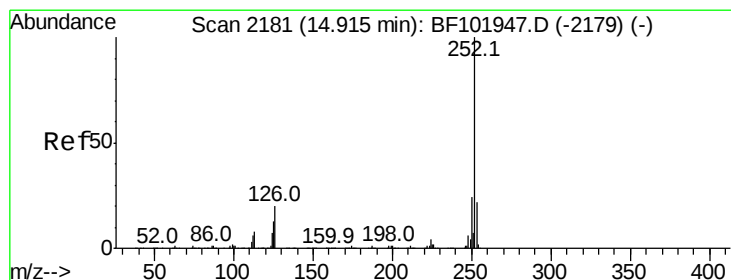
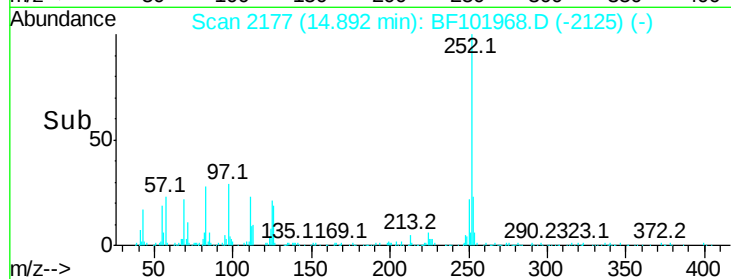
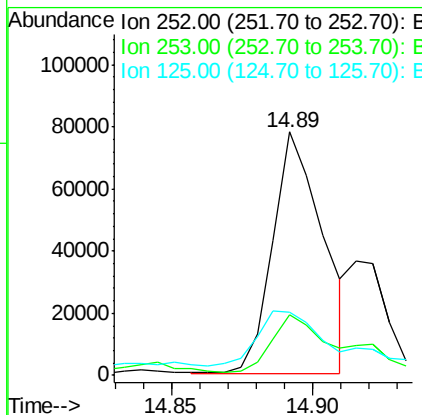
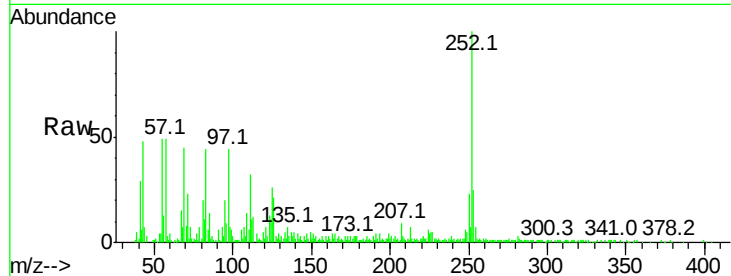
ClientSampled :

SB-02-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.0	25.6
125	26.0	9.0	13.6#

Manual Integrations
APPROVED

Sohil
1/10/2018 11:45:19 AM



#88

Benzo(k)fluoranthene

Concen: 2.036 ng m

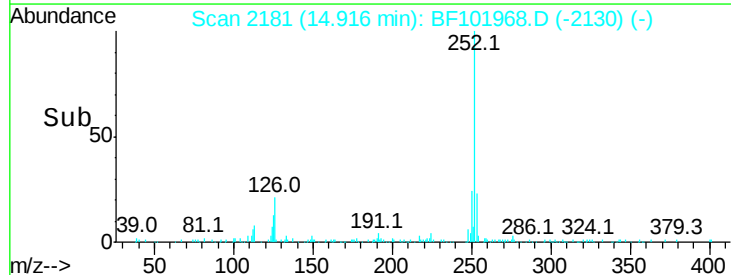
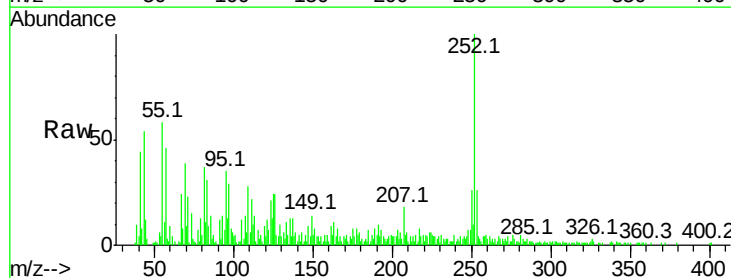
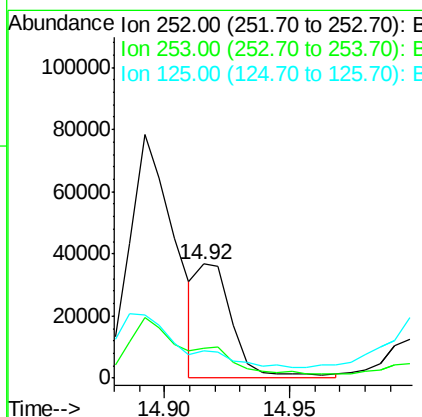
RT: 14.92 min Scan# 2181

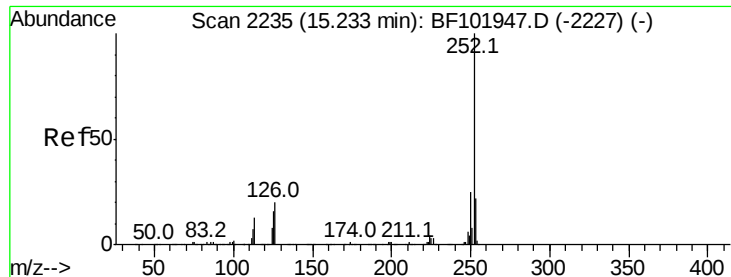
Delta R.T. 0.00 min

Lab File: BF101968.D

Acq: 9 Jan 2018 22:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.9	26.9
125	24.0	10.2	15.2#





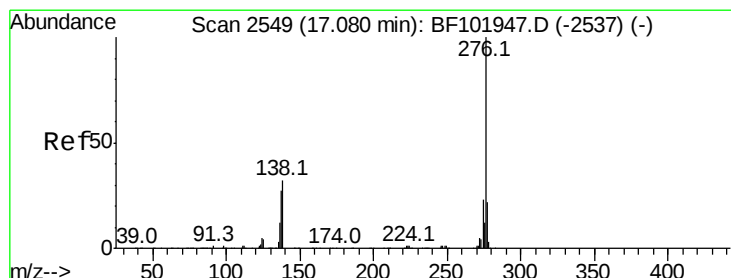
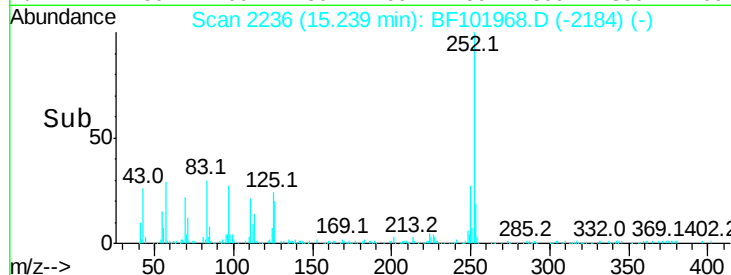
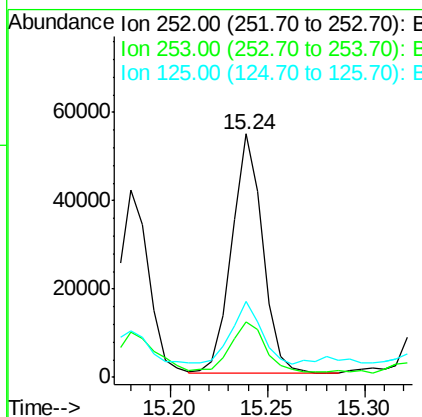
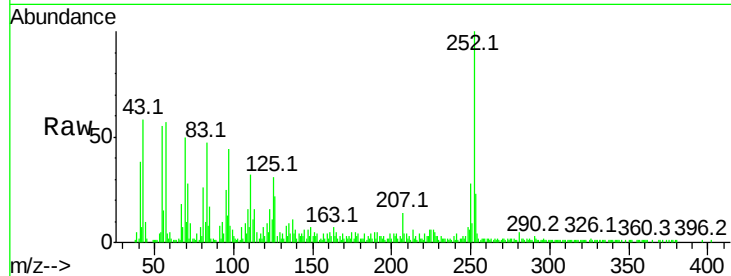
#89
Benzo(a)pyrene
Concen: 3.599 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BF101968.D
Acq: 9 Jan 2018 22:24

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	31.1	9.8	14.6

Manual Integrations
APPROVED

Sohil
1/10/2018 11:45:19 AM



#91
Benzo(g,h,i)perylene
Concen: 2.576 ng
RT: 17.10 min Scan# 2552
Delta R.T. 0.02 min
Lab File: BF101968.D
Acq: 9 Jan 2018 22:24

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	17.9	26.9
138	31.9	21.8	32.8

