

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
 Data File : BF106465.D
 Acq On : 15 Jun 2018 1:58
 Operator : JU/SJ
 Sample : J3481-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-021-A

Manual Integrations
 APPROVED

Sohil
 6/15/2018 11:16:56 AM

Quant Time: Jun 15 08:31:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 14 18:39:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	109576	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	352698	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	135828	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	286793	20.00	ng	0.00
75) Chrysene-d12	14.15	240	305508	20.00	ng	-0.01
86) Perylene-d12	15.68	264	219944	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	811819	125.39	ng	0.00
7) Phenol-d6	6.61	99	941094	115.05	ng	0.00
23) Nitrobenzene-d5	7.53	82	604163	100.77	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	219184	167.71	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	862725	134.55	ng	0.00
78) Terphenyl-d14	13.08	244	1066068	86.67	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.71	163	86935	8.959	ng	99
70) Phenanthrene	11.52	178	65650	4.674	ng	98
74) Fluoranthene	12.71	202	126177	8.424	ng	97
77) Pyrene	12.94	202	120759	6.314	ng	98
80) Benzo(a)anthracene	14.14	228	58193	3.201	ng	98
82) Chrysene	14.17	228	51251	3.088	ng	97
87) Benzo(b)fluoranthene	15.22	252	48622m	3.657	ng	
89) Benzo(a)pyrene	15.61	252	34991	2.926	ng	95

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

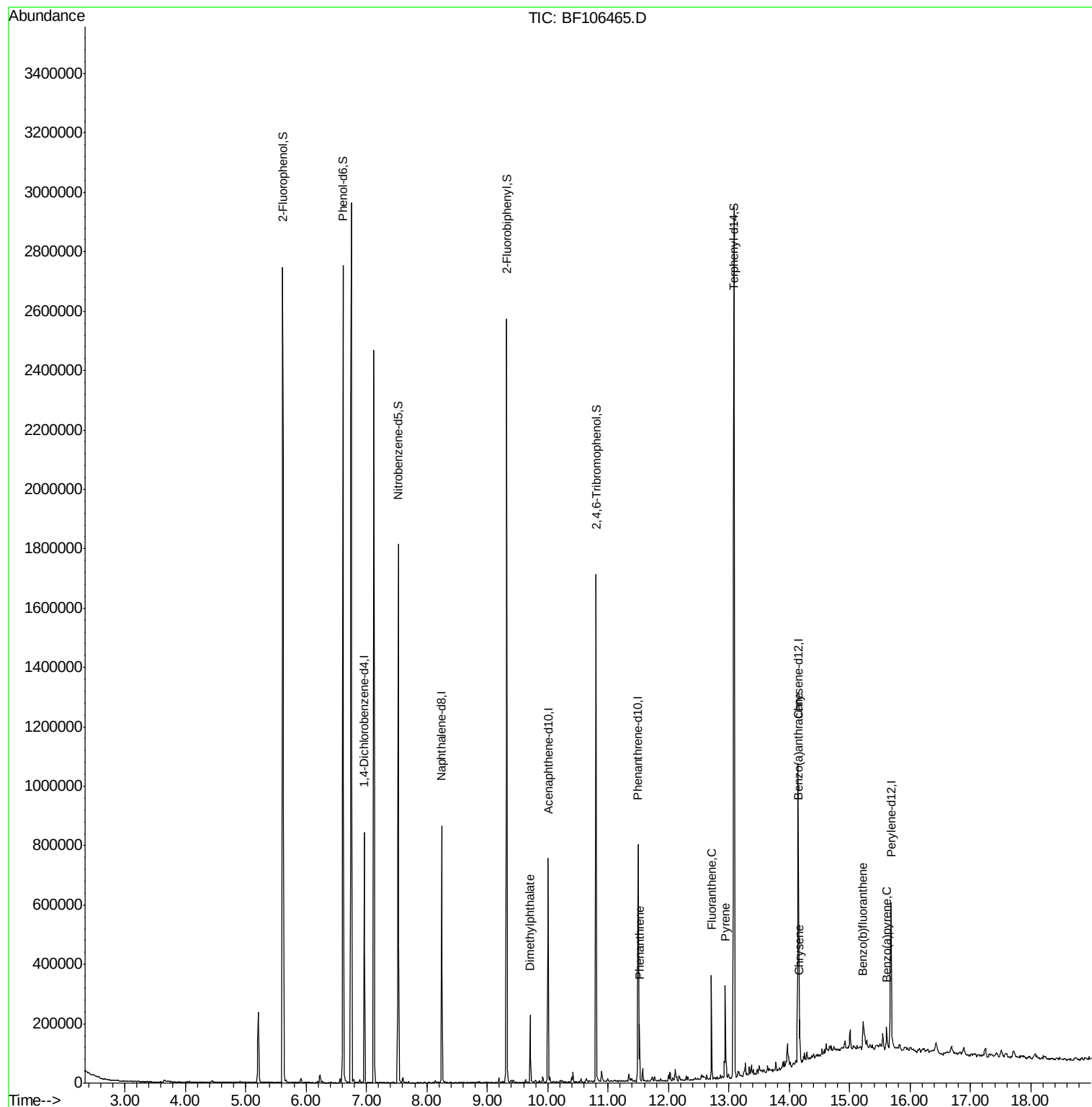
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106465.D
Acq On : 15 Jun 2018 1:58
Operator : JU/SJ
Sample : J3481-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

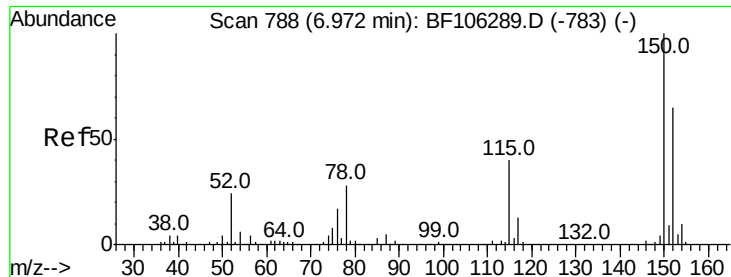
Instrument :
BNA_F
ClientSampleID :
FK-GF-02-021-A

Manual Integrations
APPROVED

Sohil
6/15/2018 11:16:56 AM

Quant Time: Jun 15 08:31:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 14 18:39:24 2018
Response via : Initial Calibration





#1

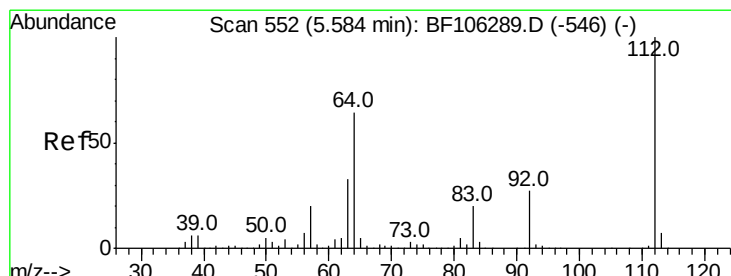
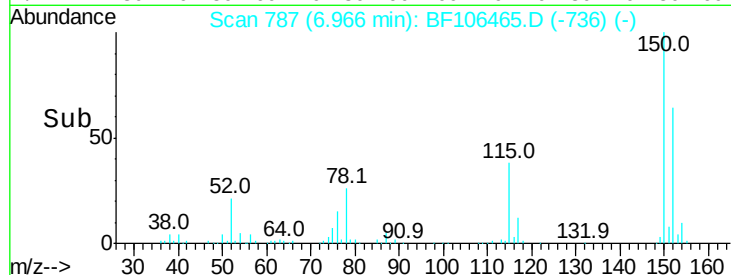
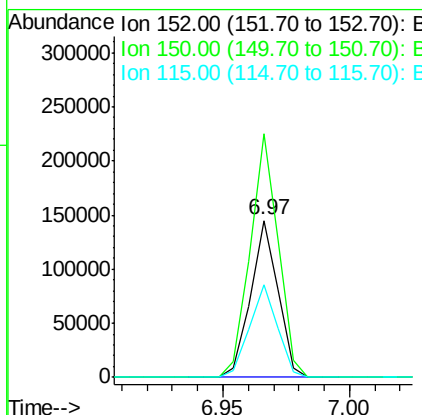
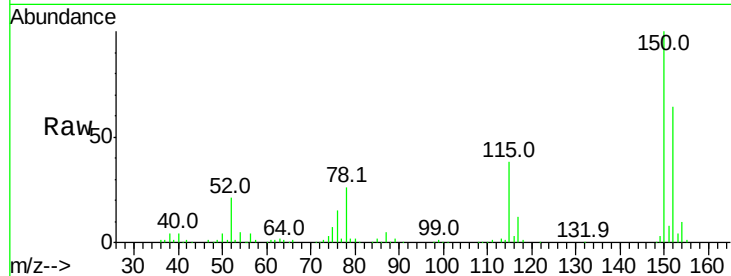
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF106465.D
Acq: 15 Jun 2018 1:58

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-021-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.6	186.8
115	59.5	50.1	75.1

Manual Integrations
APPROVED

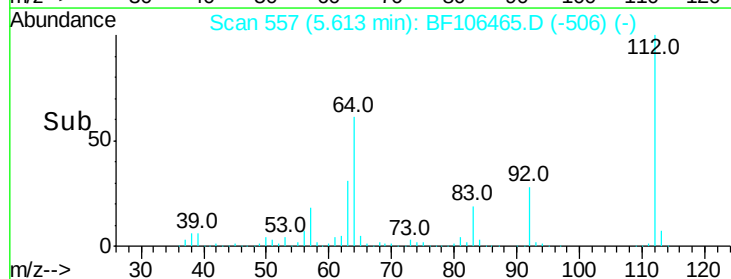
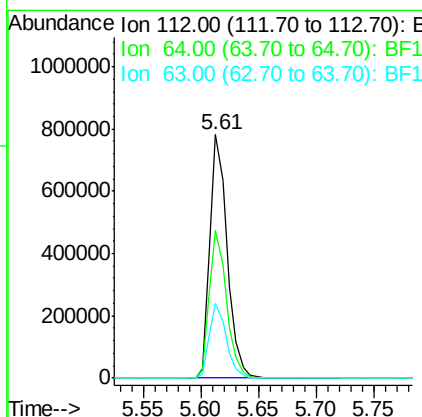
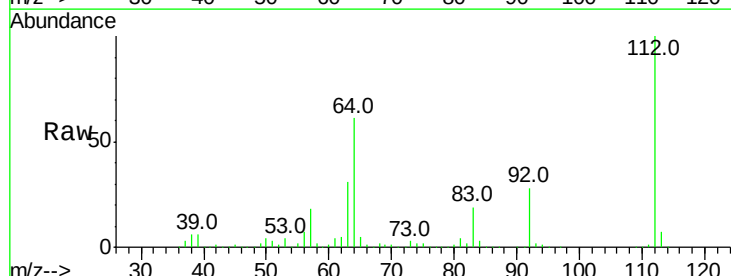
Sohil
6/15/2018 11:16:56 AM

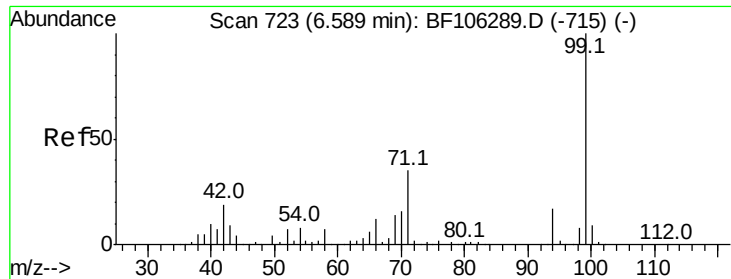


#5

2-Fluorophenol
Concen: 125.393 ng
RT: 5.61 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF106465.D
Acq: 15 Jun 2018 1:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.8	47.9	71.9
63	30.6	23.7	35.5





#7

Phenol-d6

Concen: 115.054 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF106465.D

Acq: 15 Jun 2018 1:58

Instrument :

BNA_F

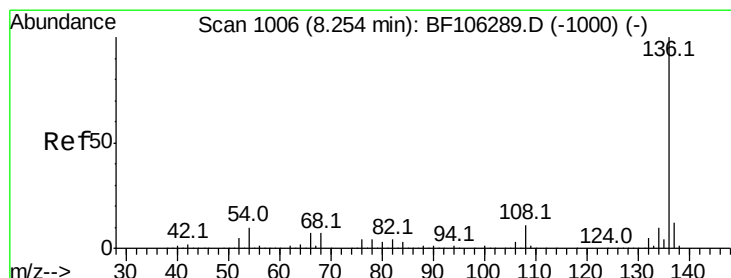
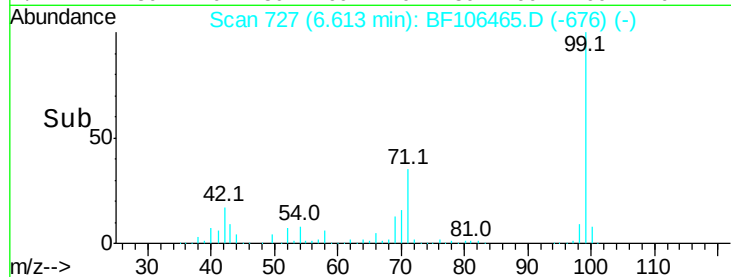
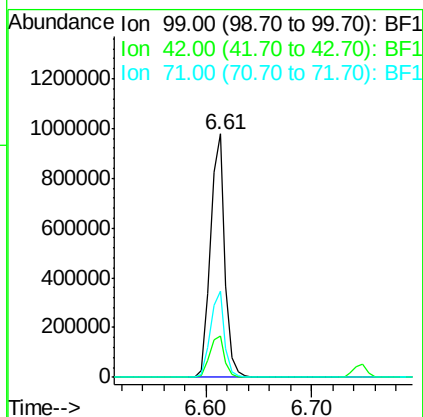
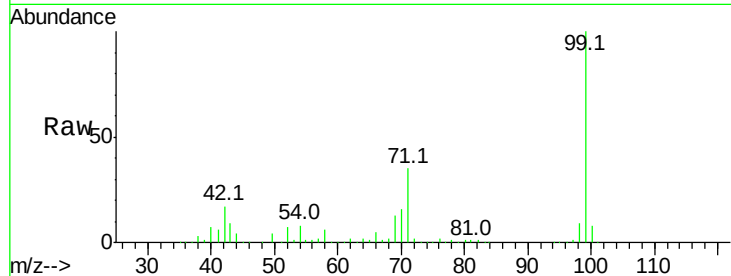
ClientSampleId :

FK-GF-02-021-A

Tot Ion:	99	Resp:	941094
Ion Ratio	Lower	Upper	
99	100		
42	17.1	14.5	21.7
71	35.3	25.4	38.0

Manual Integrations
APPROVED

Sohil
6/15/2018 11:16:56 AM



#21

Naphthalene-d8

Concen: 20.000 ng

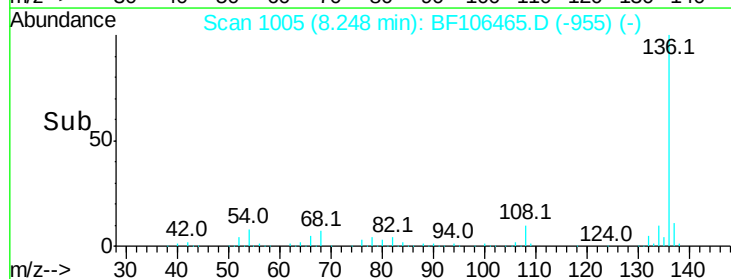
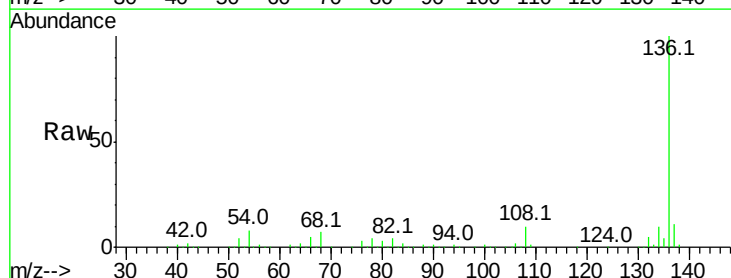
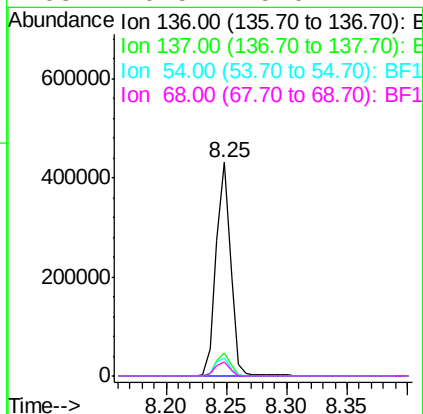
RT: 8.25 min Scan# 1005

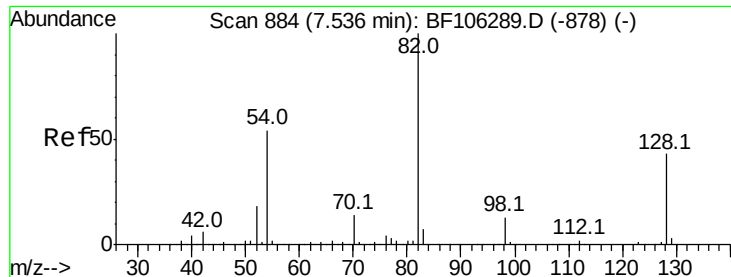
Delta R.T. -0.01 min

Lab File: BF106465.D

Acq: 15 Jun 2018 1:58

Tgt Ion:	136	Resp:	352698
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.9	13.3
54	8.3	6.6	9.8
68	6.5	5.0	7.4





#23

Nitrobenzene-d5

Concen: 100.772 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF106465.D

Acq: 15 Jun 2018 1:58

Instrument :

BNA_F

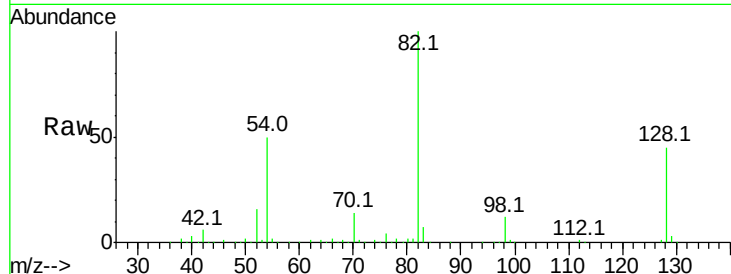
ClientSampleId :

FK-GF-02-021-A

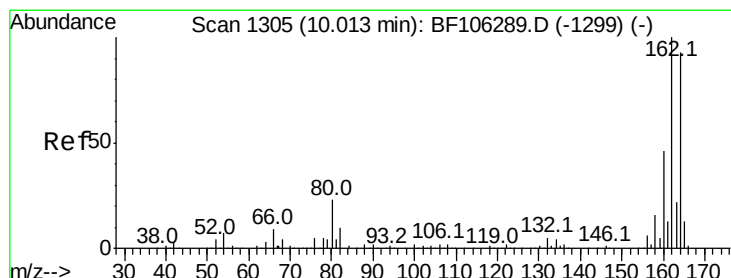
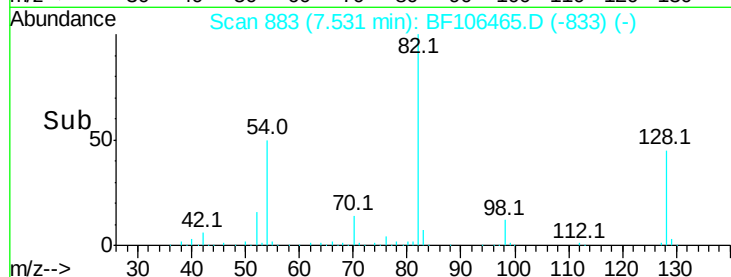
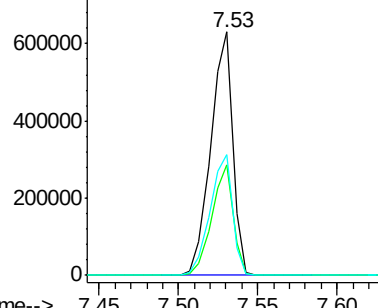
Tot Ion:	82	Resp:	604163
Ion Ratio	Lower	Upper	
82	100		
128	45.3	36.1	54.1
54	49.7	41.4	62.2

Manual Integrations
APPROVED

Sohil
6/15/2018 11:16:56 AM



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: 10.01 min Scan# 1304

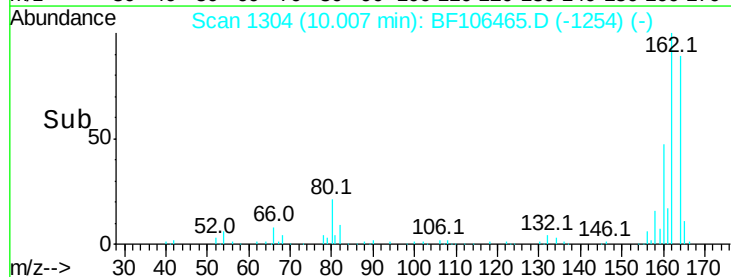
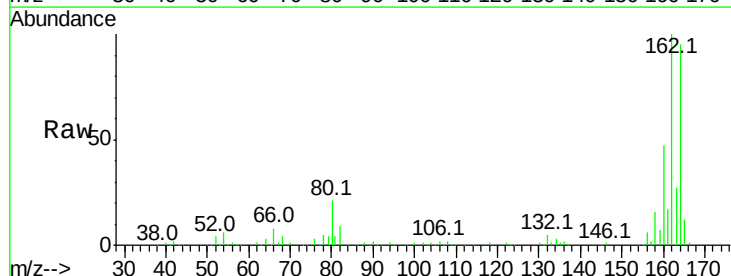
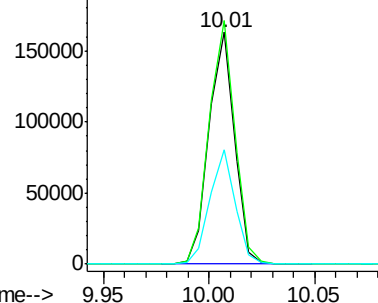
Delta R.T. -0.01 min

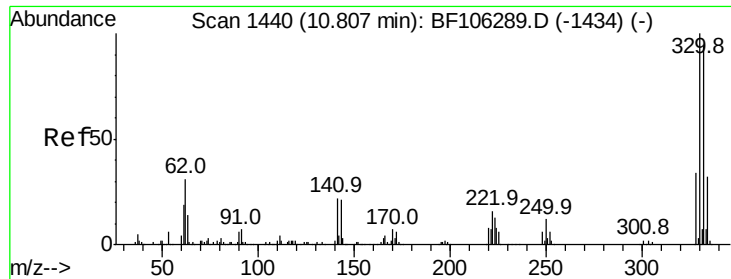
Lab File: BF106465.D

Acq: 15 Jun 2018 1:58

Tgt Ion:	164	Resp:	135828
Ion Ratio	Lower	Upper	
164	100		
162	105.2	86.1	129.1
160	49.1	38.3	57.5

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





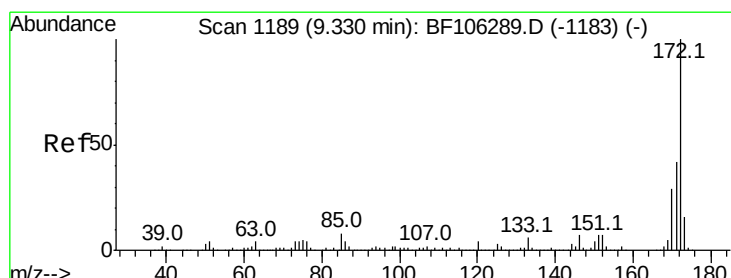
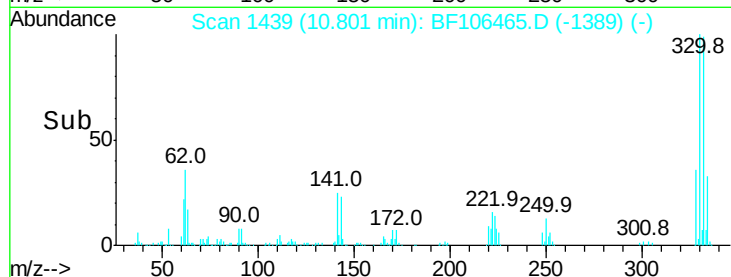
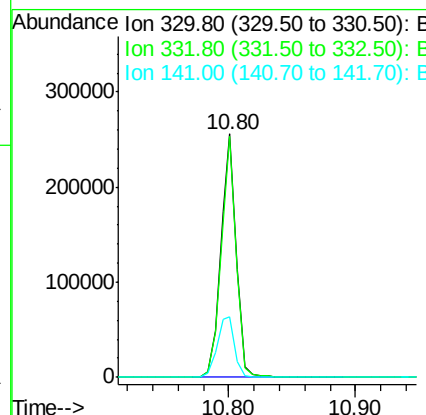
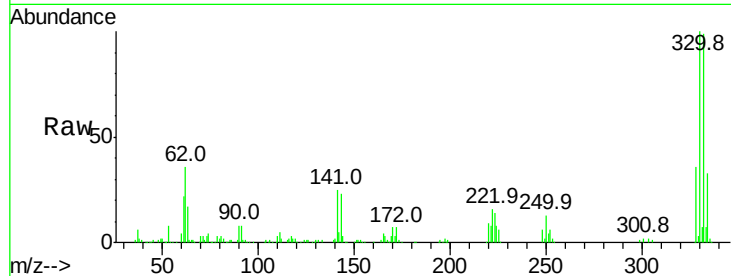
#41
 2,4,6-Tribromophenol
 Concen: 167.713 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF106465.D
 Acq: 15 Jun 2018 1:58

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-021-A

Tot Ion	Ratio	Resp	Lower	Upper
330	100	219184		
332	96.9	77.0	115.6	
141	28.4	29.9	44.9#	

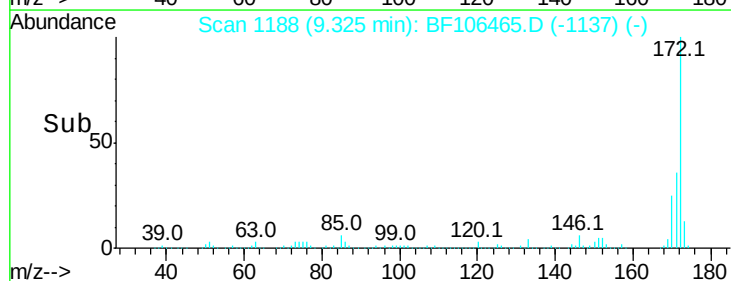
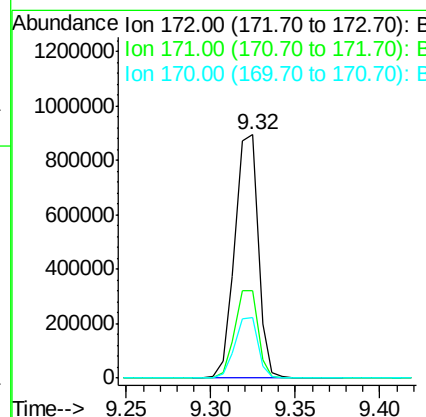
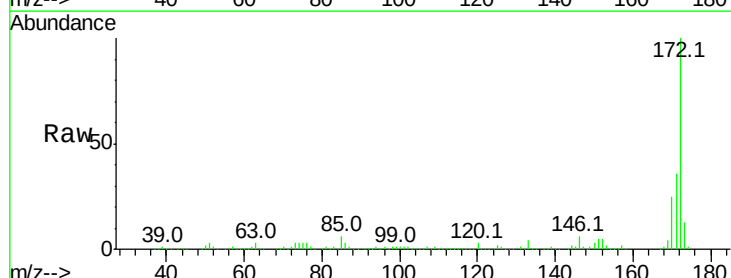
Manual Integrations
 APPROVED

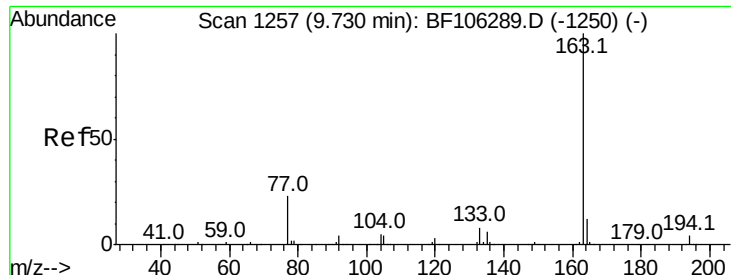
Sohil
 6/15/2018 11:16:56 AM



#44
 2-Fluorobiphenyl
 Concen: 134.547 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF106465.D
 Acq: 15 Jun 2018 1:58

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	862725		
171	36.2	29.7	44.5	
170	25.1	19.6	29.4	





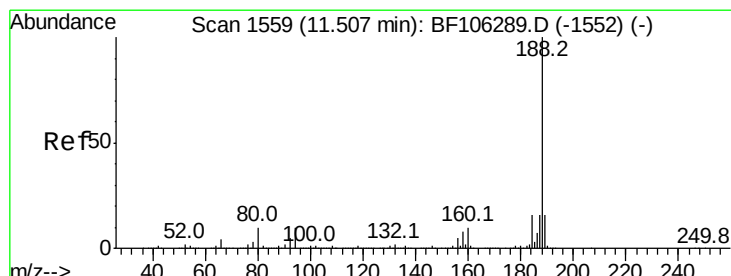
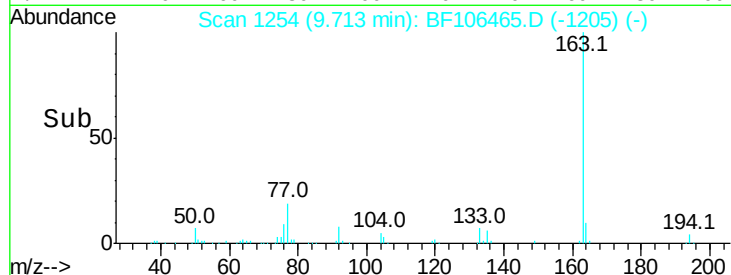
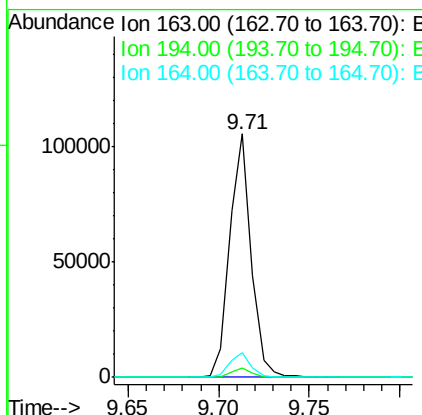
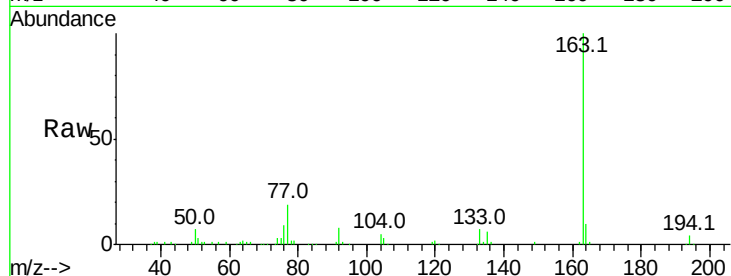
#49
Dimethylphthalate
Concen: 8.959 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106465.D
Acq: 15 Jun 2018 1:58

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-021-A

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.0	8.2	12.2

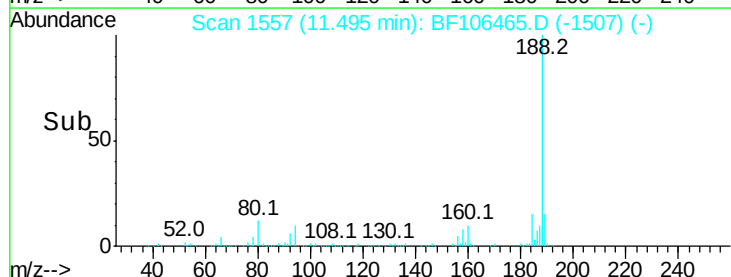
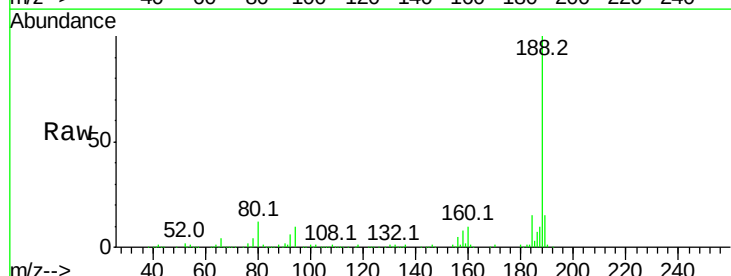
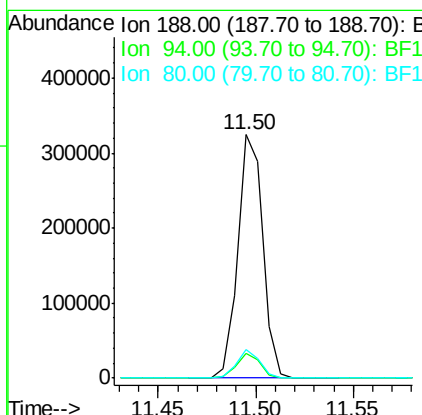
Manual Integrations
APPROVED

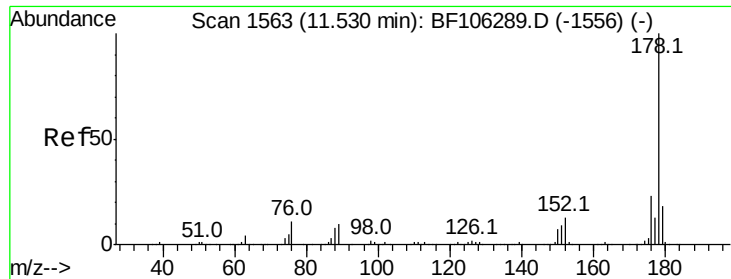
Sohil
6/15/2018 11:16:56 AM



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106465.D
Acq: 15 Jun 2018 1:58

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	11.6	9.2	13.8





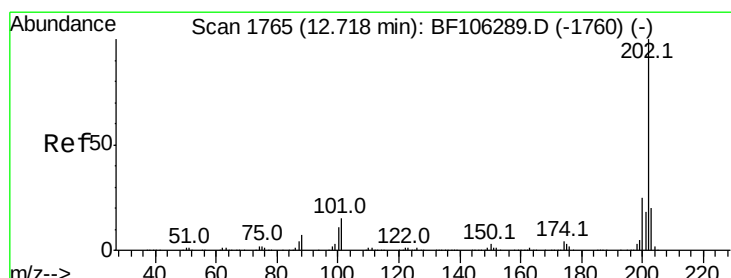
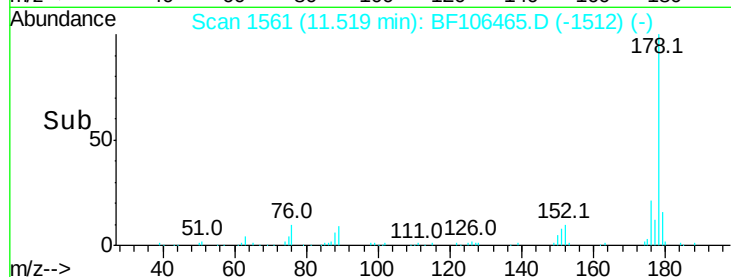
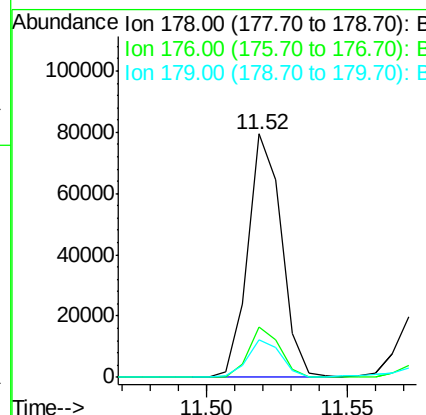
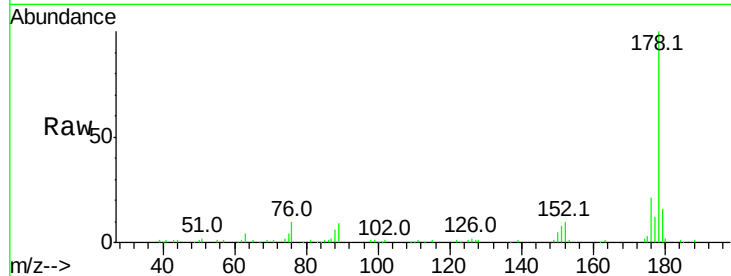
#70
Phenanthrene
Concen: 4.674 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF106465.D
Acq: 15 Jun 2018 1:58

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-021-A

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.8	23.8
179	15.5	13.0	19.6

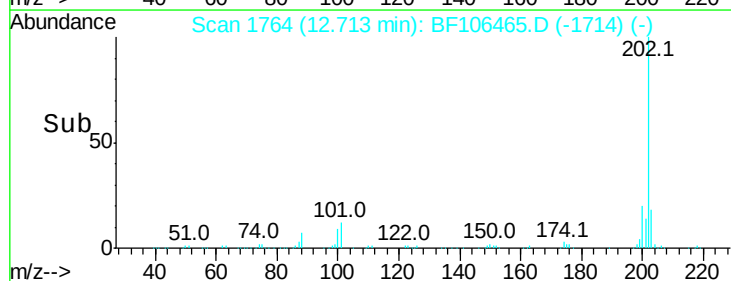
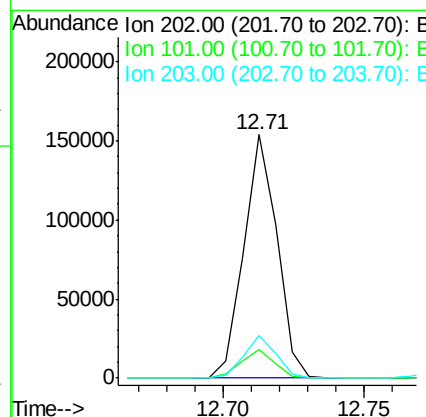
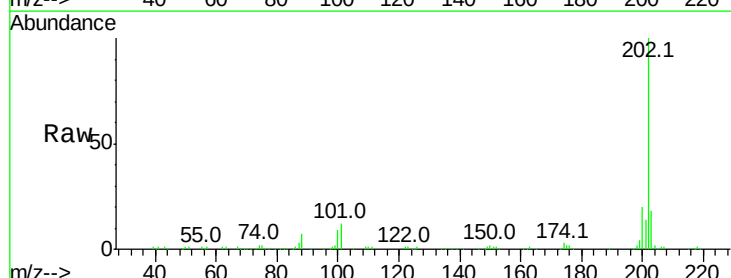
Manual Integrations
APPROVED

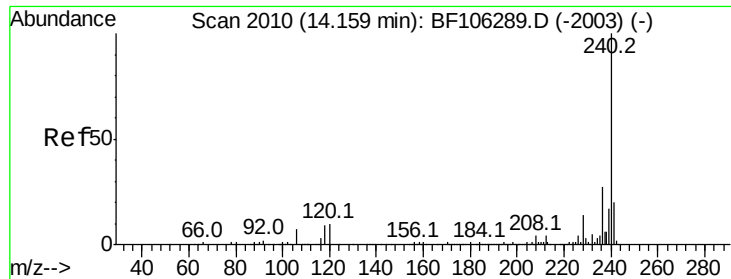
Sohil
6/15/2018 11:16:56 AM



#74
Fluoranthene
Concen: 8.424 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF106465.D
Acq: 15 Jun 2018 1:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	34.1
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106465.D

Acq: 15 Jun 2018 1:58

Instrument :

BNA_F

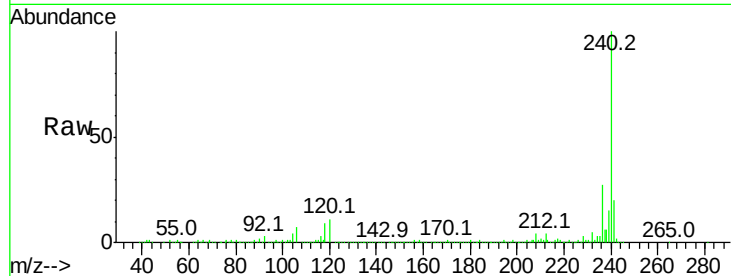
ClientSampleId :

FK-GF-02-021-A

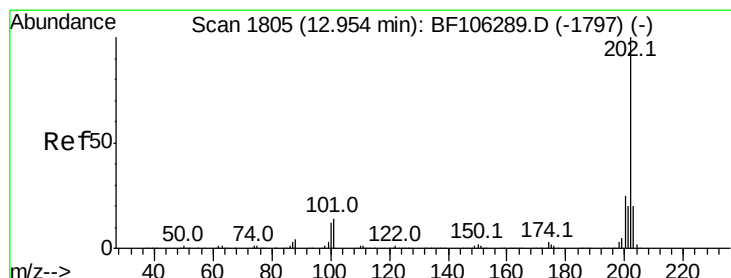
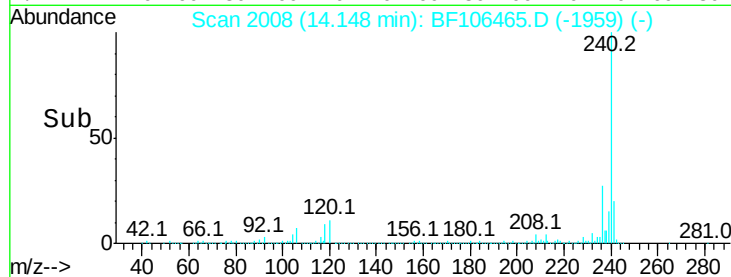
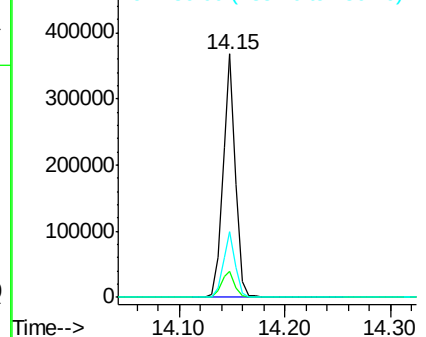
Tot Ion:	240	Resp:	305508
Ion Ratio	Lower	Upper	
240	100		
120	10.5	9.5	14.3
236	26.7	20.7	31.1

Manual Integrations
APPROVED

Sohil
6/15/2018 11:16:56 AM



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

Pyrene

Concen: 6.314 ng

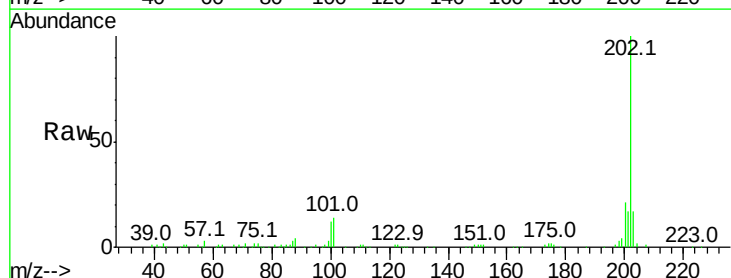
RT: 12.94 min Scan# 1803

Delta R.T. -0.01 min

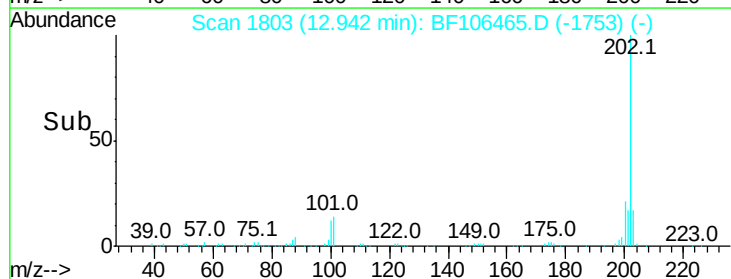
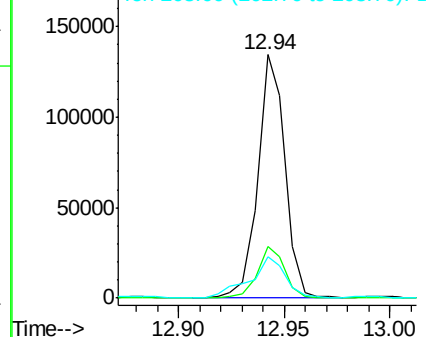
Lab File: BF106465.D

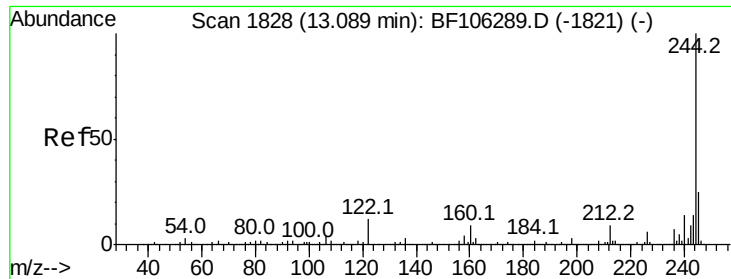
Acq: 15 Jun 2018 1:58

Tgt Ion:	202	Resp:	120759
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.4	26.2
203	17.0	14.3	21.5



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: 86.671 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF106465.D

Acq: 15 Jun 2018 1:58

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-021-A

Tot Ion:244 Resp: 1066068

Ion Ratio Lower Upper

244 100

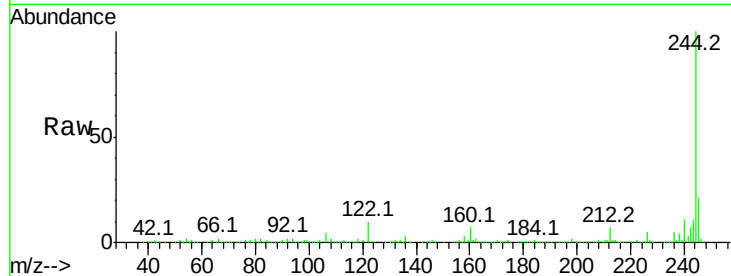
212 7.0 5.4 8.0

122 10.4 11.0 16.4#

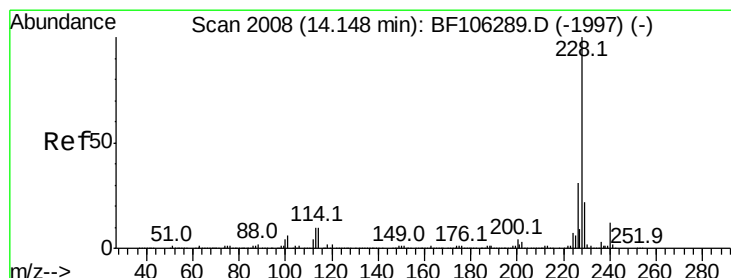
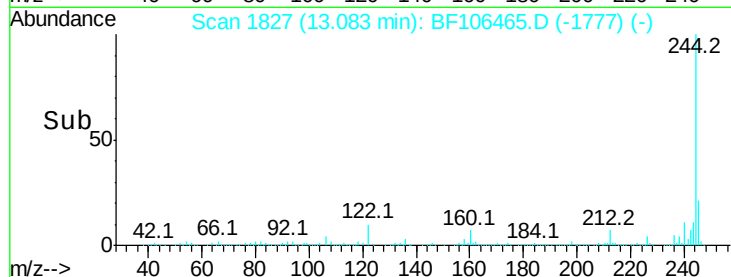
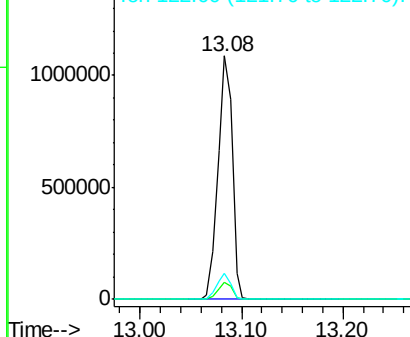
Manual Integrations
APPROVED

Sohil

6/15/2018 11:16:56 AM



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



#80

Benzo(a)anthracene

Concen: 3.201 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF106465.D

Acq: 15 Jun 2018 1:58

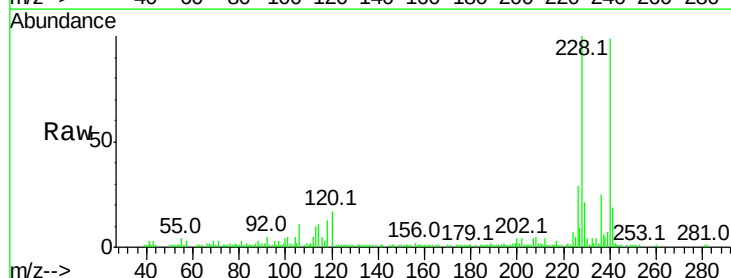
Tgt Ion:228 Resp: 58193

Ion Ratio Lower Upper

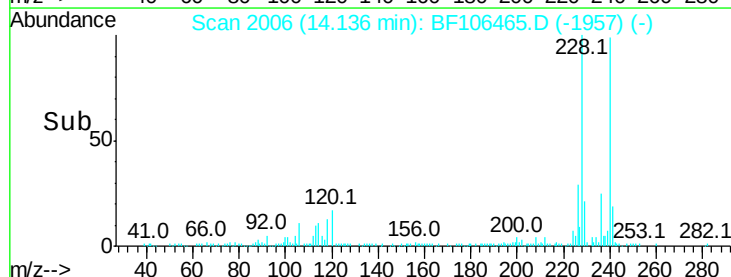
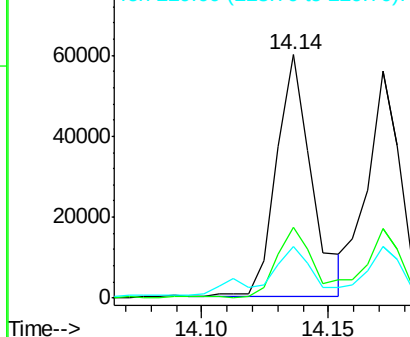
228 100

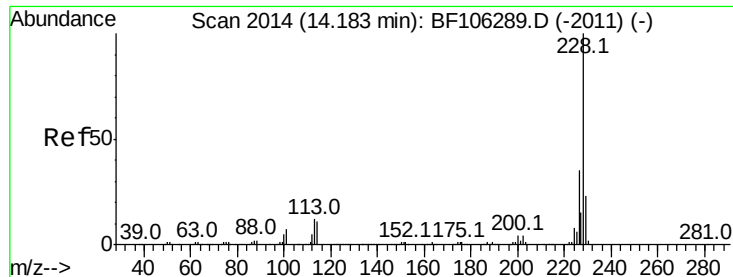
226 28.9 22.6 33.8

229 21.2 15.8 23.6



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: 3.088 ng

RT: 14.17 min Scan# 2012

Delta R.T. -0.02 min

Lab File: BF106465.D

Acq: 15 Jun 2018 1:58

Instrument :

BNA_F

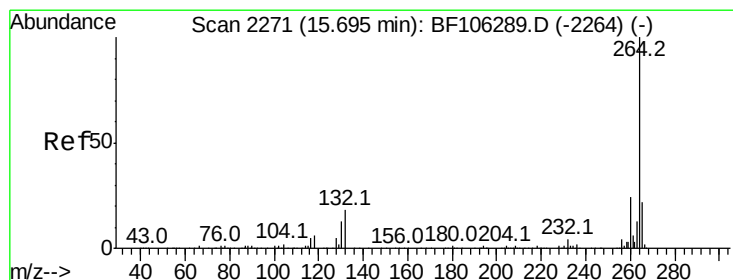
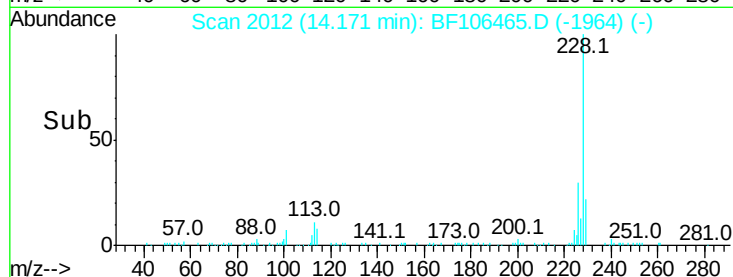
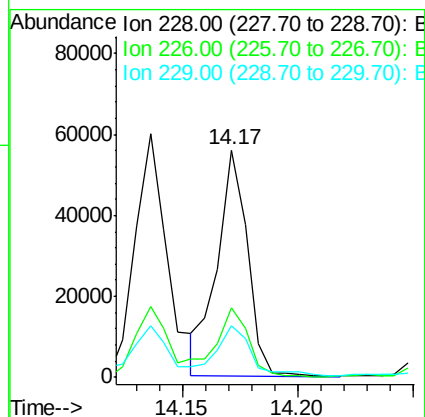
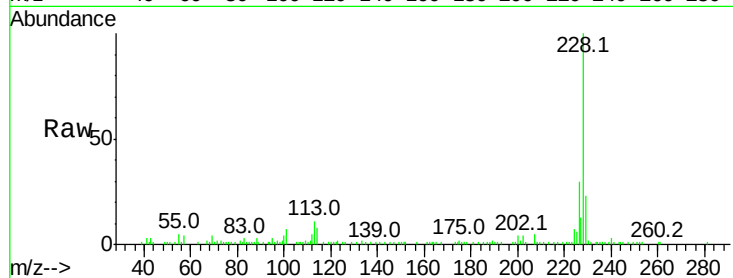
ClientSampleId :

FK-GF-02-021-A

Tot Ion:	228	Resp:	51251
Ion Ratio		Lower	Upper
228	100		
226	30.4	25.0	37.6
229	22.7	16.2	24.4

Manual Integrations
APPROVED

Sohil
6/15/2018 11:16:56 AM



#86

Perylene-d12

Concen: 20.000 ng

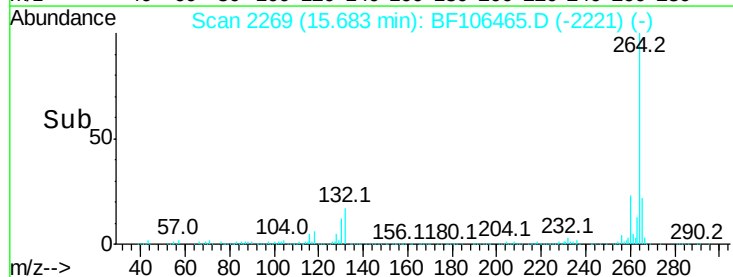
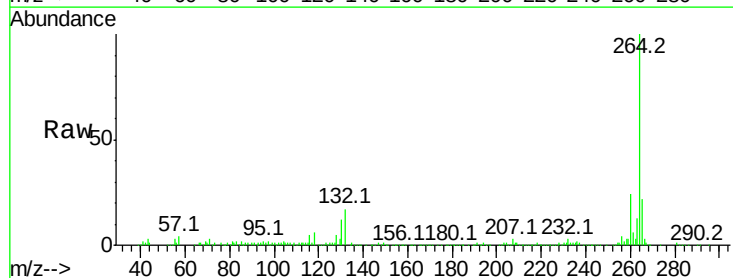
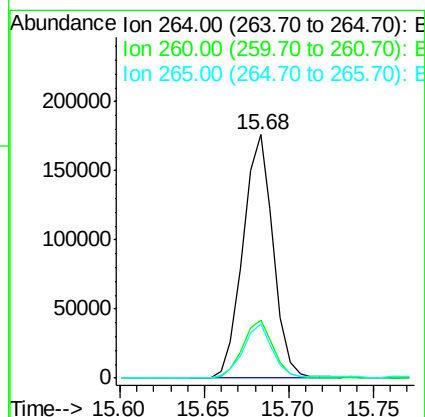
RT: 15.68 min Scan# 2269

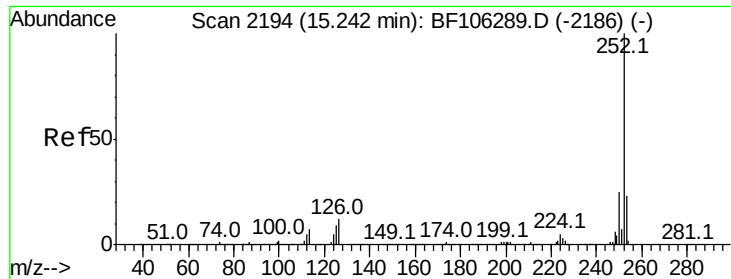
Delta R.T. -0.02 min

Lab File: BF106465.D

Acq: 15 Jun 2018 1:58

Tgt Ion:	264	Resp:	219944
Ion Ratio		Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.3	17.5	26.3





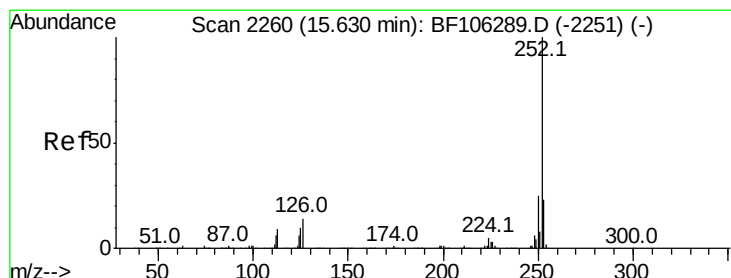
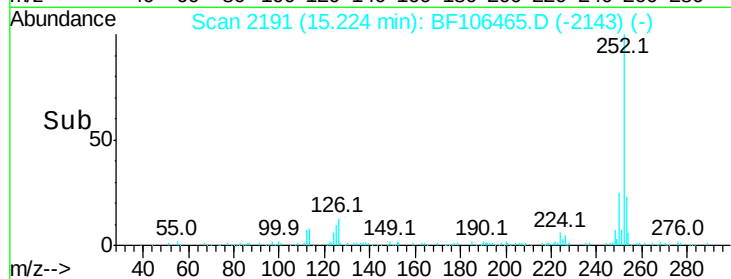
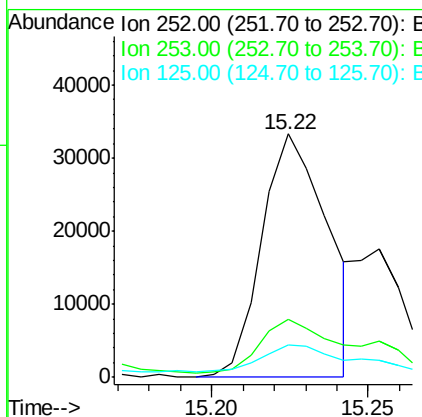
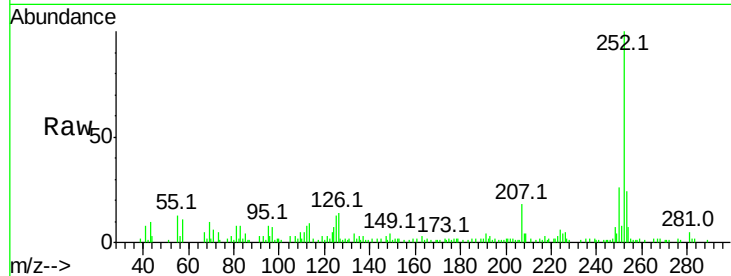
#87
Benzo(b)fluoranthene
Concen: 3.657 ng m
RT: 15.22 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BF106465.D
Acq: 15 Jun 2018 1:58

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-021-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.0	25.6
125	13.1	9.0	13.6

Manual Integrations
APPROVED

Sohil
6/15/2018 11:16:56 AM



#89
Benzo(a)pyrene
Concen: 2.926 ng
RT: 15.61 min Scan# 2257
Delta R.T. -0.02 min
Lab File: BF106465.D
Acq: 15 Jun 2018 1:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.1	25.7
125	13.6	9.8	14.6

