

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
 Data File : BF106676.D
 Acq On : 21 Jun 2018 22:16
 Operator : JU/SJ
 Sample : J3538-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-T-5-STONE

Manual Integrations
 APPROVED

Sohil
 6/22/2018 10:23:21 AM

Quant Time: Jun 22 03:55:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 19 14:32:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	64787	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	235913	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	106461	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	182053	20.00	ng	0.00
75) Chrysene-d12	14.14	240	194185	20.00	ng	-0.01
86) Perylene-d12	15.68	264	149751	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	340977	89.12	ng	0.00
7) Phenol-d6	6.60	99	420923	88.10	ng	0.00
23) Nitrobenzene-d5	7.52	82	266652	62.81	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	106206	86.07	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	481235	74.73	ng	0.00
78) Terphenyl-d14	13.08	244	502201	62.65	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	34681	4.343	ng	99
74) Fluoranthene	12.71	202	31764	3.282	ng	98
77) Pyrene	12.94	202	30558	2.386	ng	98
87) Benzo(b)fluoranthene	15.22	252	20929m	2.250	ng	

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

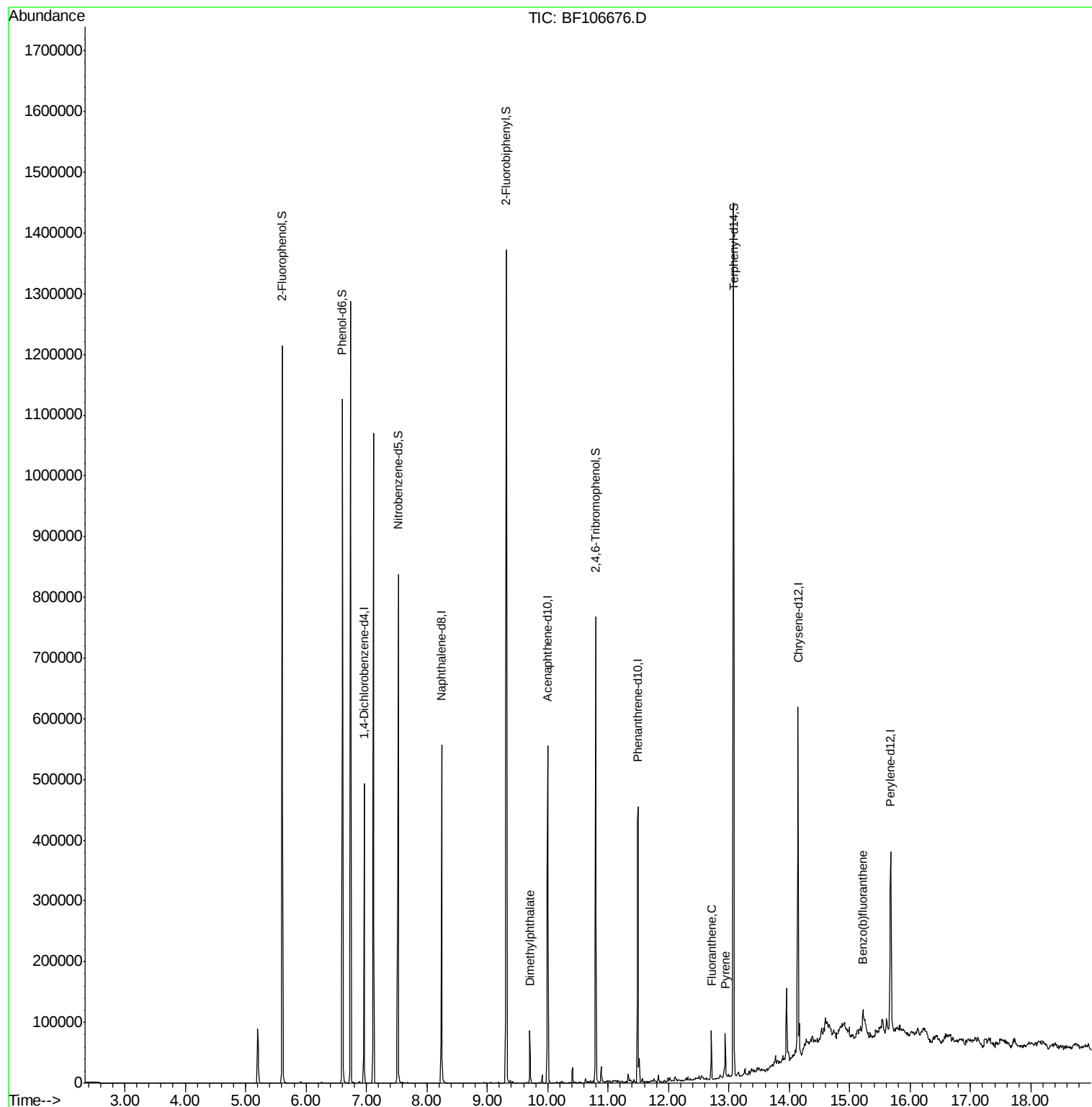
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
Data File : BF106676.D
Acq On : 21 Jun 2018 22:16
Operator : JU/SJ
Sample : J3538-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-T-5-STONE

Manual Integrations
APPROVED

Sohil
6/22/2018 10:23:21 AM

Quant Time: Jun 22 03:55:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 19 14:32:09 2018
Response via : Initial Calibration





#1

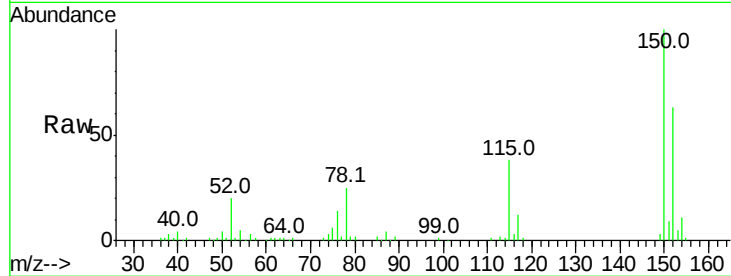
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106676.D
Acq: 21 Jun 2018 22:16

Instrument :
BNA_F
ClientSampleId :
SS-T-5-STONE

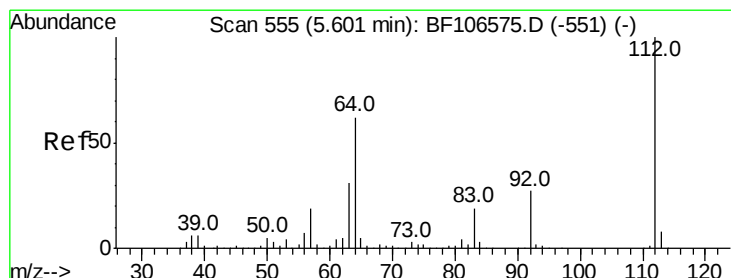
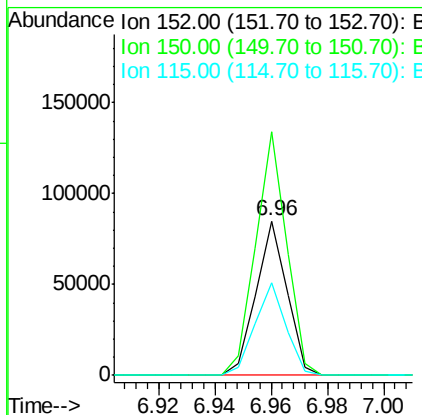
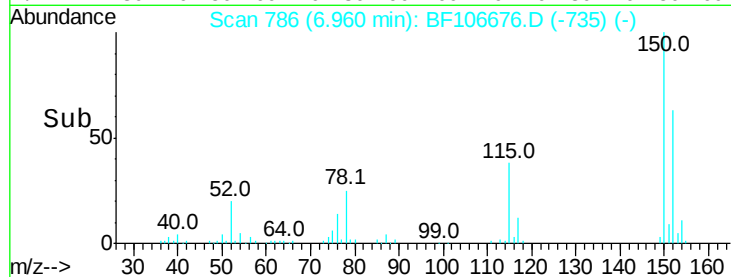
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.6	186.8
115	60.3	50.1	75.1

Manual Integrations
APPROVED

Sohil
6/22/2018 10:23:21 AM



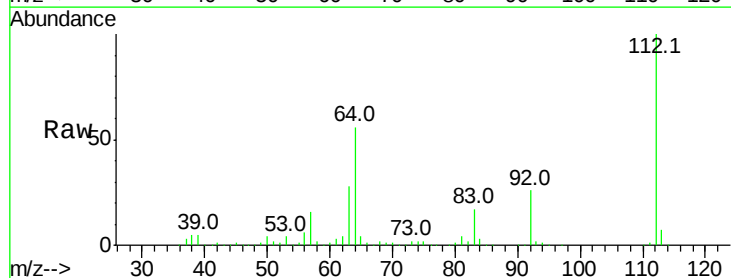
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



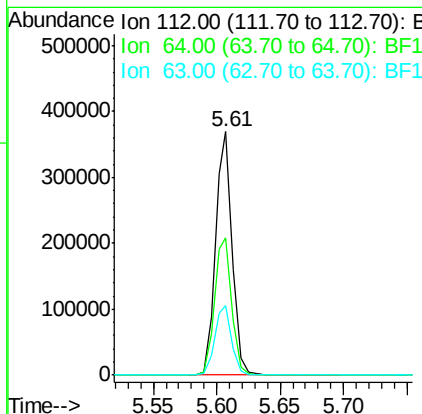
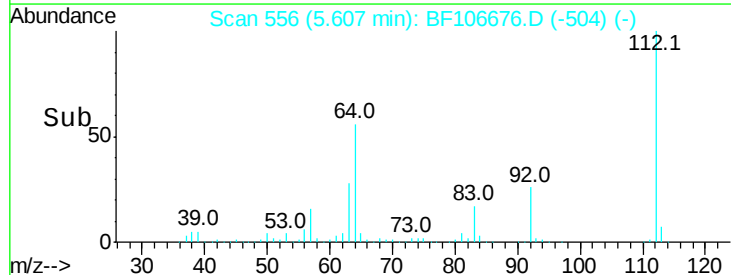
#5

2-Fluorophenol
Concen: 89.120 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF106676.D
Acq: 21 Jun 2018 22:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.3	47.9	71.9
63	28.5	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: 88.096 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106676.D

Acq: 21 Jun 2018 22:16

Instrument :

BNA_F

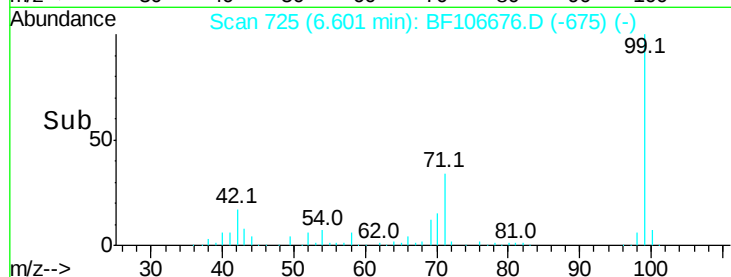
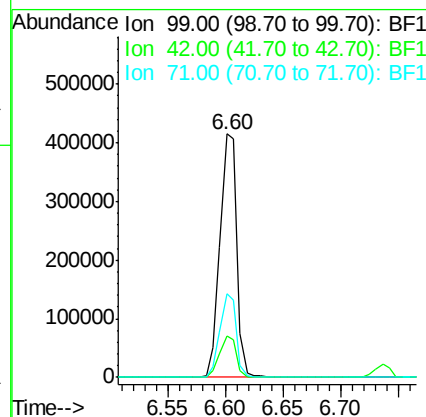
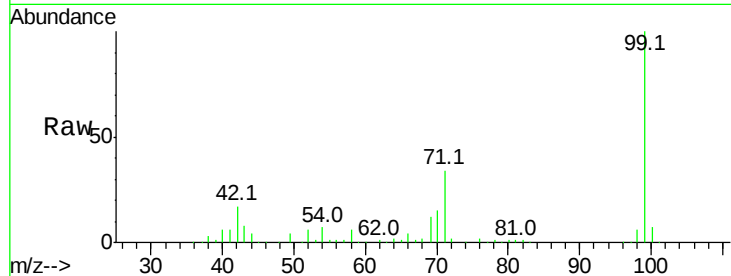
ClientSampled :

SS-T-5-STONE

Tot Ion:	99	Resp:	420923
Ion Ratio	Lower	Upper	
99	100		
42	17.0	14.5	21.7
71	34.3	25.4	38.0

Manual Integrations
APPROVED

Sohil
6/22/2018 10:23:21 AM



#21

Naphthalene-d8

Concen: 20.000 ng

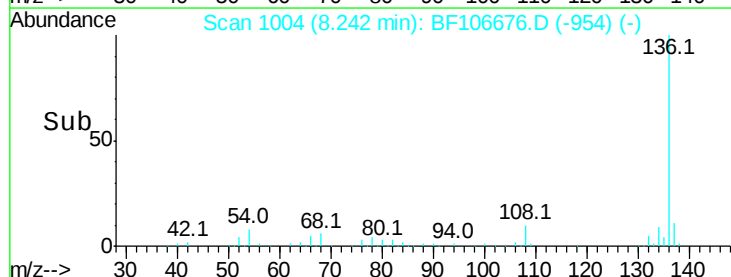
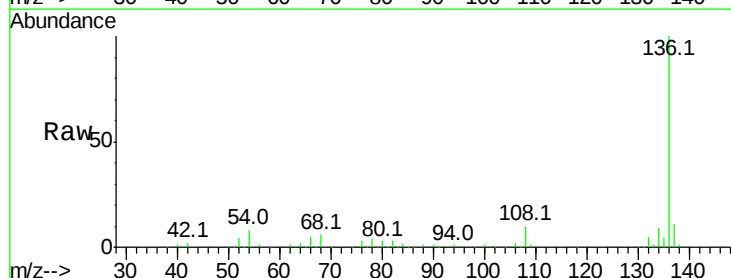
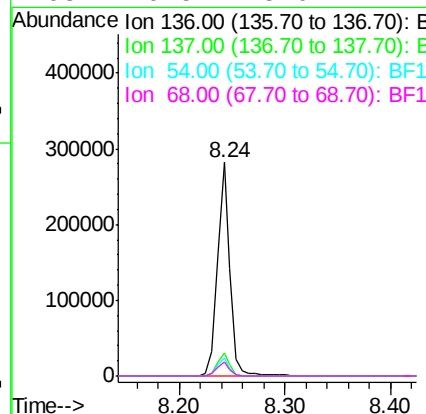
RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF106676.D

Acq: 21 Jun 2018 22:16

Tgt Ion:	136	Resp:	235913
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.9	13.3
54	8.2	6.6	9.8
68	6.5	5.0	7.4





#23

Nitrobenzene-d5

Concen: 62.815 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106676.D

Acq: 21 Jun 2018 22:16

Instrument :

BNA_F

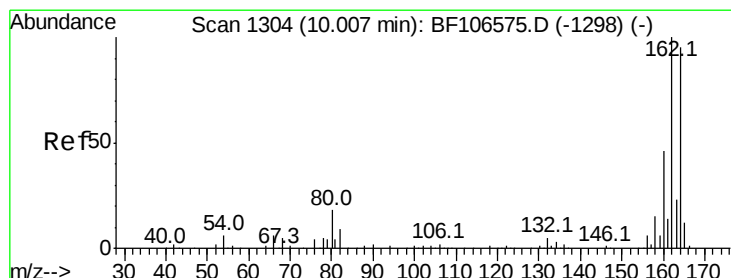
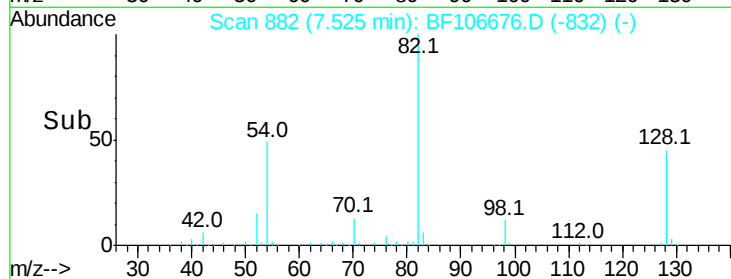
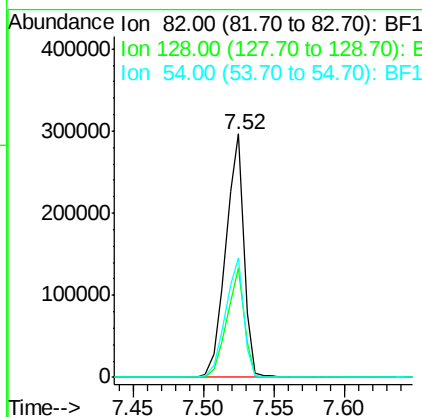
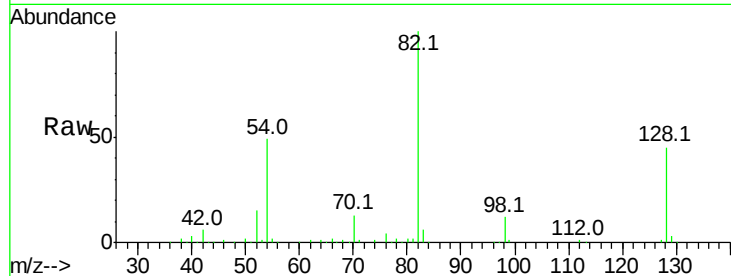
ClientSampleId :

SS-T-5-STONE

Tot Ion:	82	Resp:	266652
Ion Ratio	Lower	Upper	
82	100		
128	45.1	36.1	54.1
54	49.0	41.4	62.2

Manual Integrations
APPROVED

Sohil
6/22/2018 10:23:21 AM



#38

Acenaphthene-d10

Concen: 20.000 ng

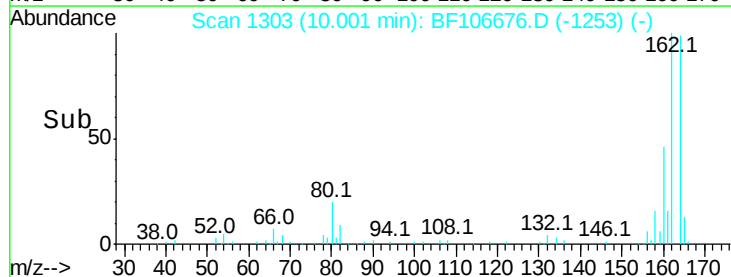
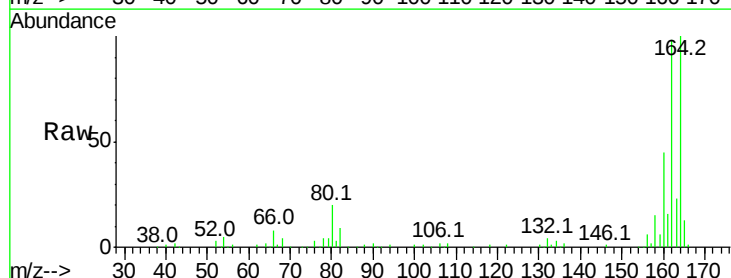
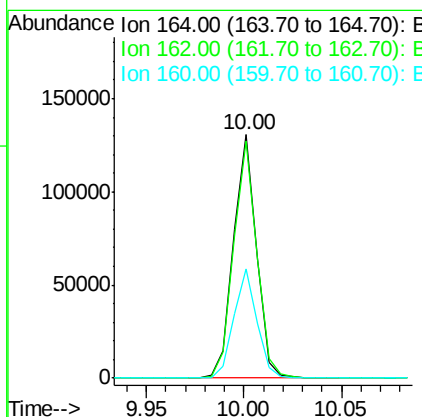
RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF106676.D

Acq: 21 Jun 2018 22:16

Tgt Ion:	164	Resp:	106461
Ion Ratio	Lower	Upper	
164	100		
162	97.6	86.1	129.1
160	44.8	38.3	57.5





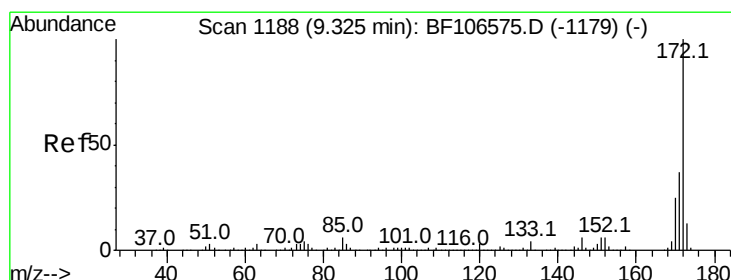
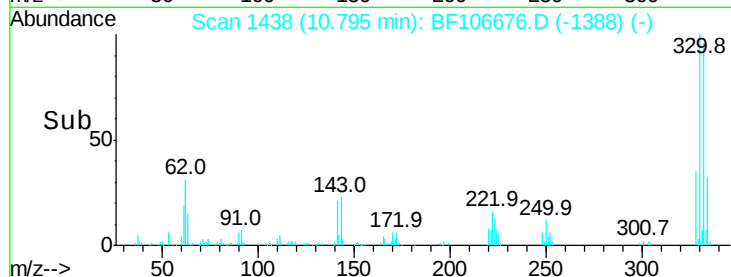
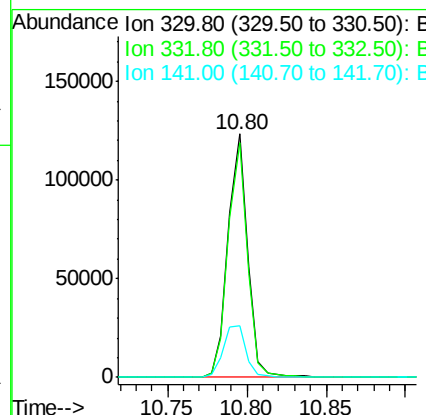
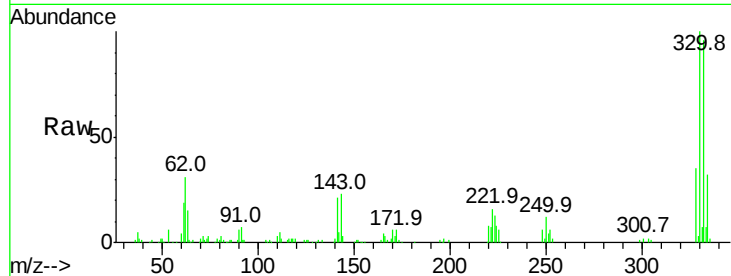
#41
 2,4,6-Tribromophenol
 Concen: 86.073 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106676.D
 Acq: 21 Jun 2018 22:16

Instrument :
 BNA_F
 ClientSampleId :
 SS-T-5-STONE

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.9	77.0	115.6	
141	24.2	29.9	44.9	

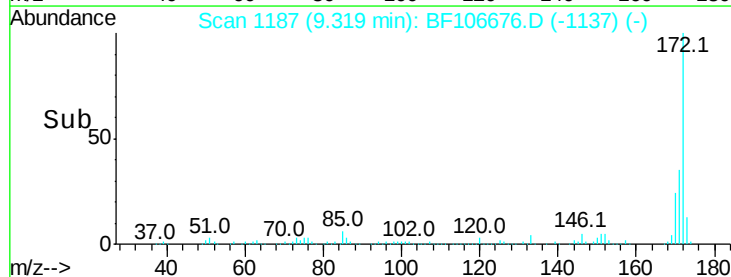
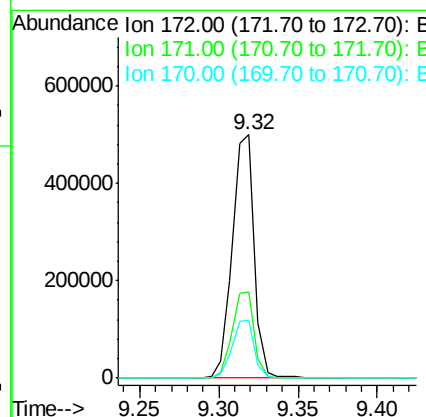
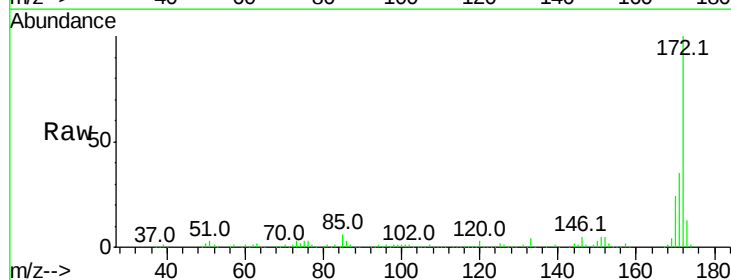
Manual Integrations
 APPROVED

Sohil
 6/22/2018 10:23:21 AM



#44
 2-Fluorobiphenyl
 Concen: 74.729 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106676.D
 Acq: 21 Jun 2018 22:16

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.2	29.7	44.5	
170	24.0	19.6	29.4	





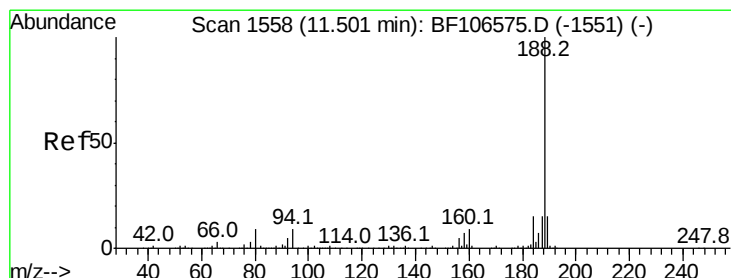
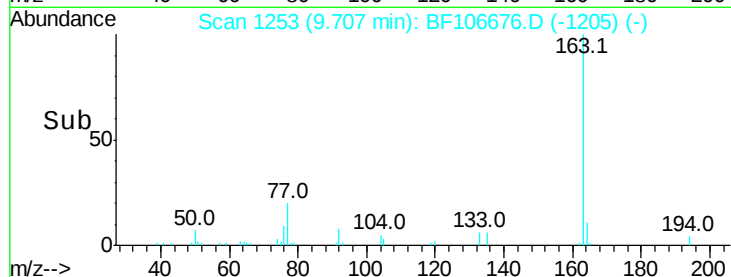
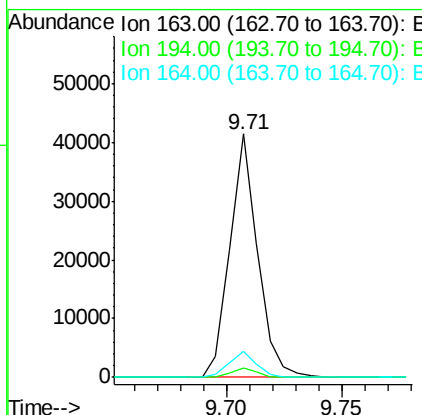
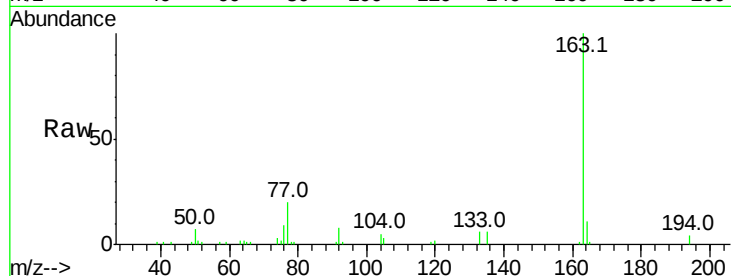
#49
Dimethylphthalate
Concen: 4.343 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106676.D
Acq: 21 Jun 2018 22:16

Instrument :
BNA_F
ClientSampleId :
SS-T-5-STONE

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.8	2.7	4.1	
164	10.6	8.2	12.2	

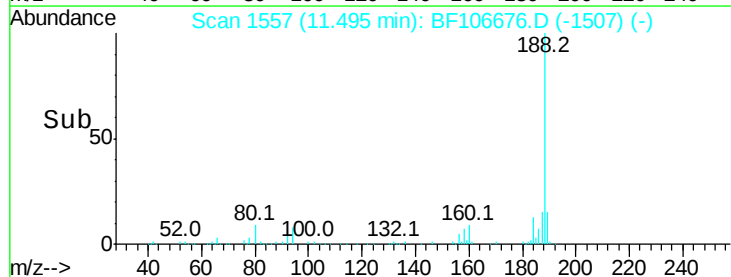
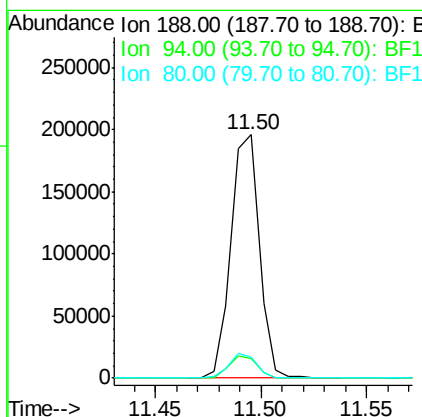
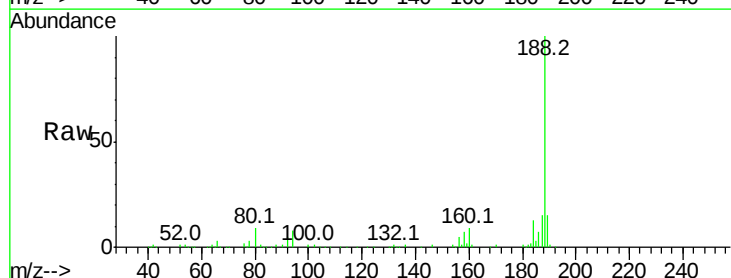
Manual Integrations
APPROVED

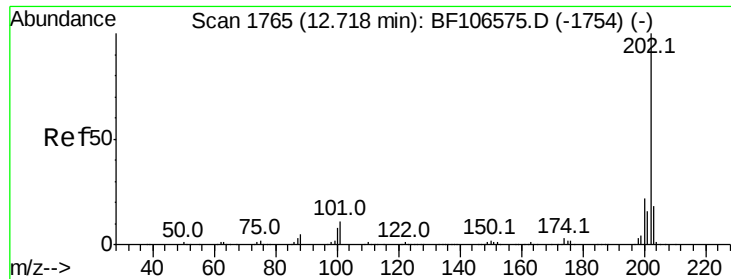
Sohil
6/22/2018 10:23:21 AM



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106676.D
Acq: 21 Jun 2018 22:16

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.1	8.5	12.7#	
80	8.7	9.2	13.8#	





#74

Fluoranthene

Concen: 3.282 ng

RT: 12.71 min Scan# 1763

Delta R.T. -0.01 min

Lab File: BF106676.D

Acq: 21 Jun 2018 22:16

Instrument :

BNA_F

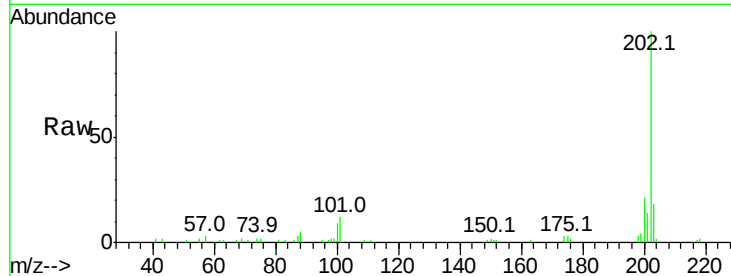
ClientSampleId :

SS-T-5-STONE

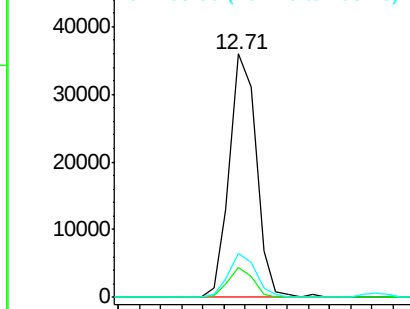
Tot Ion	Ratio	Resp	Lower	Upper
202	100	31764		
101	12.1	0.0	34.1	
203	18.0	0.0	38.1	

Manual Integrations
APPROVED

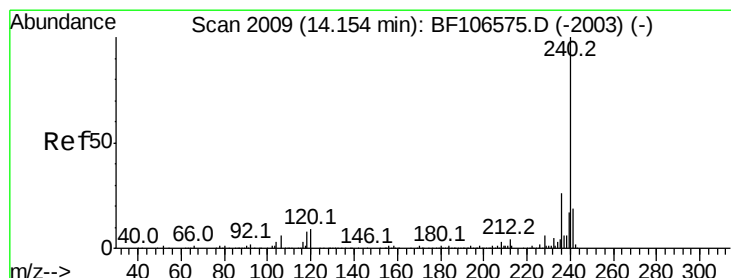
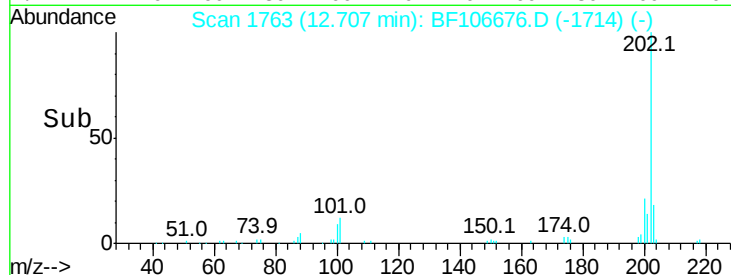
Sohil
6/22/2018 10:23:21 AM



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--> 12.65 12.70 12.75



#75

Chrysene-d12

Concen: 20.000 ng

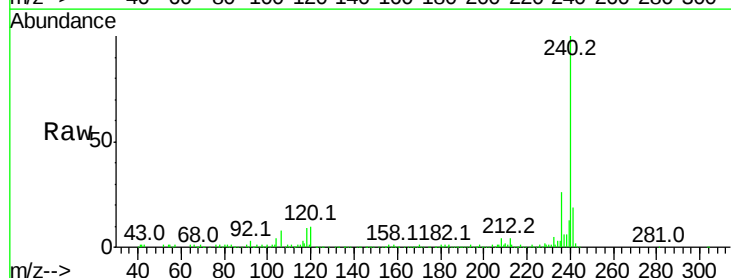
RT: 14.14 min Scan# 2007

Delta R.T. -0.01 min

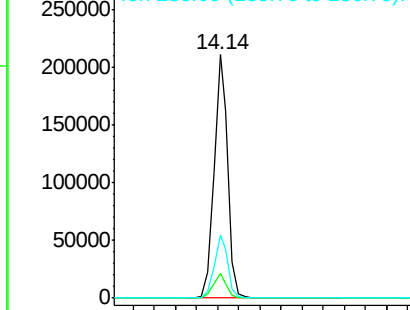
Lab File: BF106676.D

Acq: 21 Jun 2018 22:16

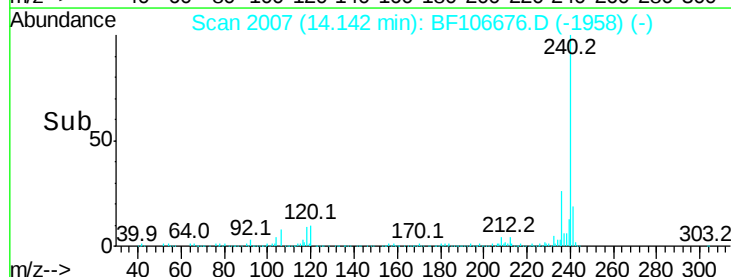
Tgt Ion	Ratio	Resp	Lower	Upper
240	100	194185		
120	10.1	9.5	14.3	
236	25.8	20.7	31.1	

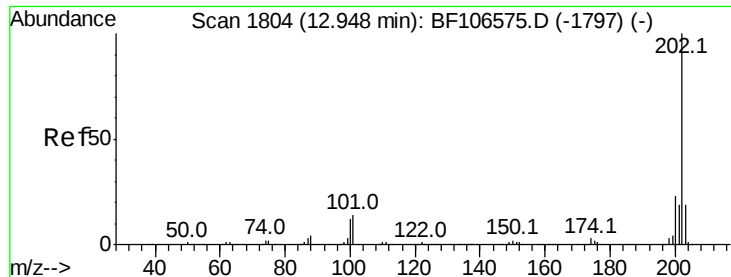


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time--> 14.10 14.20 14.30





#77

Pvrene

Concen: 2.386 ng

RT: 12.94 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF106676.D

Acq: 21 Jun 2018 22:16

Instrument :

BNA_F

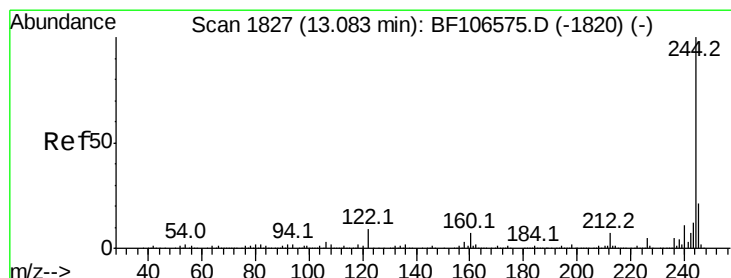
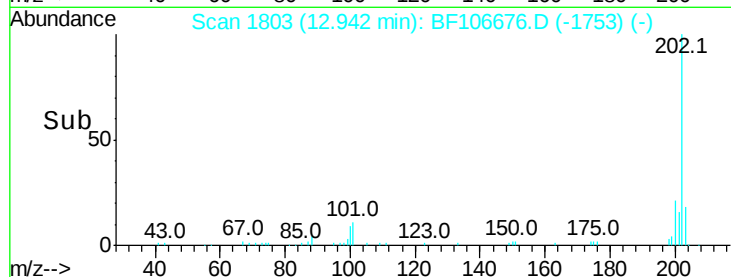
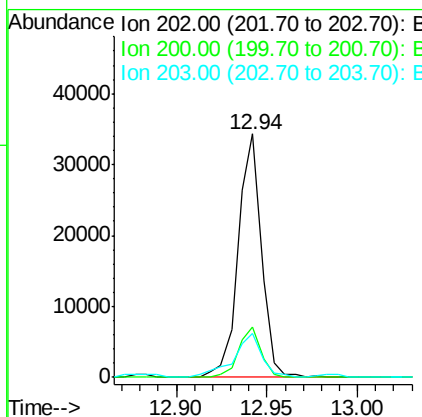
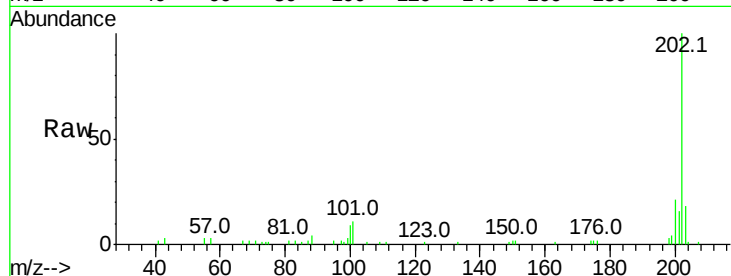
ClientSampleId :

SS-T-5-STONE

Tot Ion:	202	Resp:	30558
Ion Ratio	Lower	Upper	
202	100		
200	20.5	17.4	26.2
203	17.8	14.3	21.5

Manual Integrations
APPROVED

Sohil
6/22/2018 10:23:21 AM



#78

Terphenyl-d14

Concen: 62.645 ng

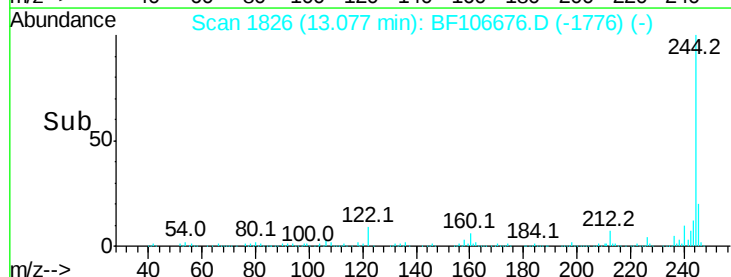
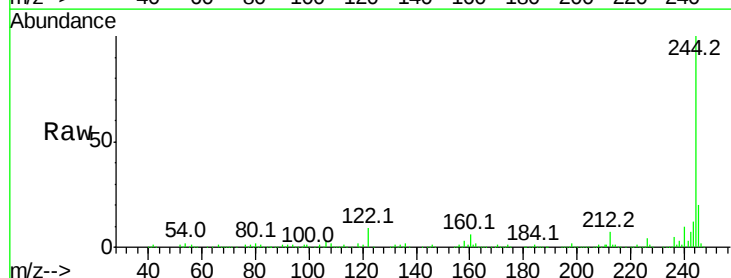
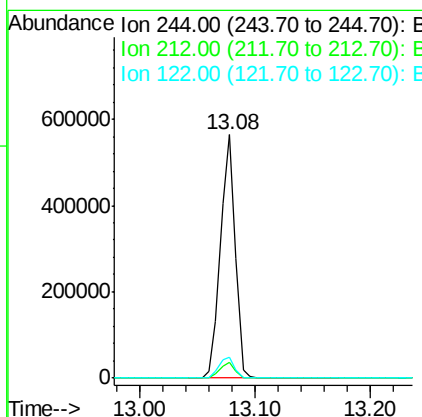
RT: 13.08 min Scan# 1826

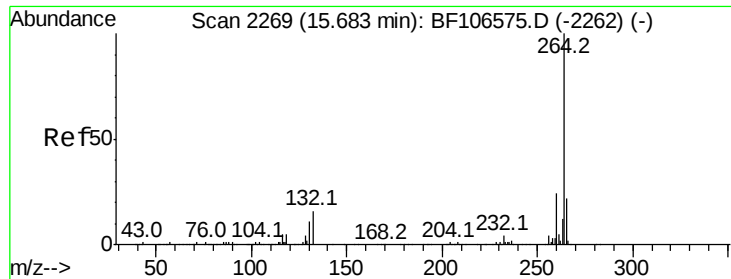
Delta R.T. -0.01 min

Lab File: BF106676.D

Acq: 21 Jun 2018 22:16

Tgt Ion:	244	Resp:	502201
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.4	8.0
122	8.7	11.0	16.4#





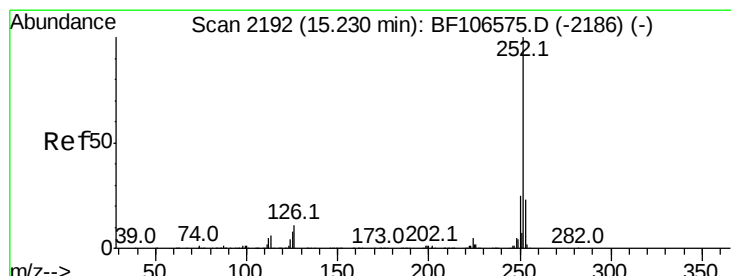
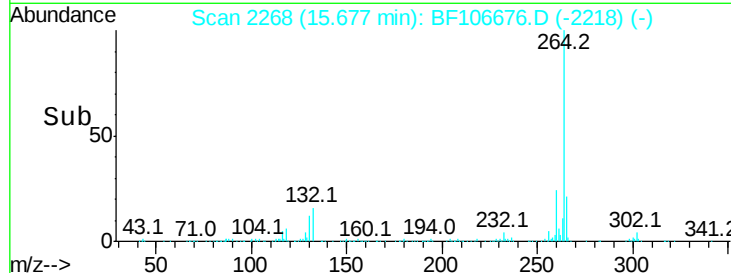
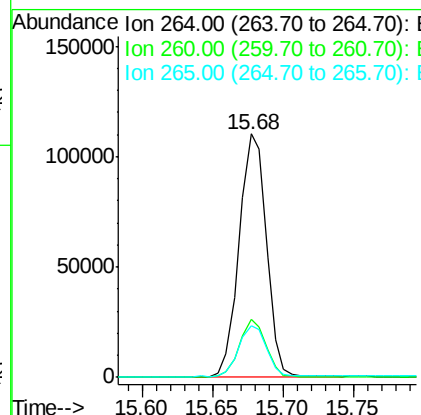
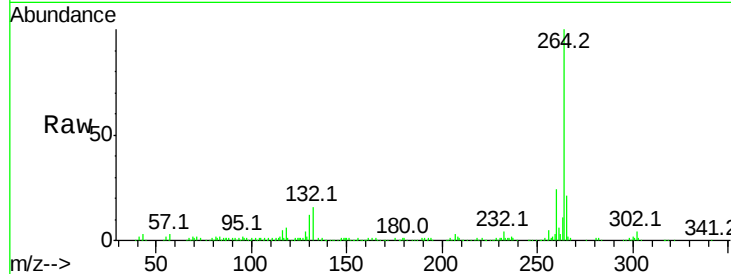
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF106676.D
Acq: 21 Jun 2018 22:16

Instrument :
BNA_F
ClientSampleId :
SS-T-5-STONE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.4	17.5	26.3

Manual Integrations
APPROVED

Sohil
6/22/2018 10:23:21 AM



#87
Benzo(b)fluoranthene
Concen: 2.250 ng m
RT: 15.22 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BF106676.D
Acq: 21 Jun 2018 22:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.0	25.6
125	13.6	9.0	13.6#

