

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
 Data File : BF109383.D
 Acq On : 27 Sep 2018 13:35
 Operator : JU/SJ
 Sample : J5066-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q1-HI1

Manual Integrations
 APPROVED

Sohil
 9/28/2018 2:39:25 PM

Quant Time: Sep 27 14:51:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	115580	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	457938	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	229288	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	433185	20.00	ng	0.00
75) Chrysene-d12	13.84	240	267743	20.00	ng	0.00
86) Perylene-d12	15.24	264	282937	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	522344	74.44	ng	0.00
7) Phenol-d6	6.35	99	681347	76.09	ng	-0.01
23) Nitrobenzene-d5	7.26	82	431456	55.62	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	162414	71.85	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	740359	48.70	ng	-0.01
78) Terphenyl-d14	12.80	244	686851	62.96	ng	0.00
Target Compounds						
10) Phenol	6.36	94	26045	2.568	ng	97
49) Dimethylphthalate	9.46	163	259434	15.556	ng	99
70) Phenanthrene	11.23	178	118578	5.482	ng	98
74) Fluoranthene	12.42	202	121018	5.236	ng	96
77) Pyrene	12.65	202	102874	5.361	ng	97
80) Benzo(a)anthracene	13.83	228	44417	2.754	ng	97
82) Chrysene	13.86	228	36857	2.306	ng	96
87) Benzo(b)fluoranthene	14.84	252	51456m	3.310	ng	
89) Benzo(a)pyrene	15.18	252	34738	2.480	ng	96

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

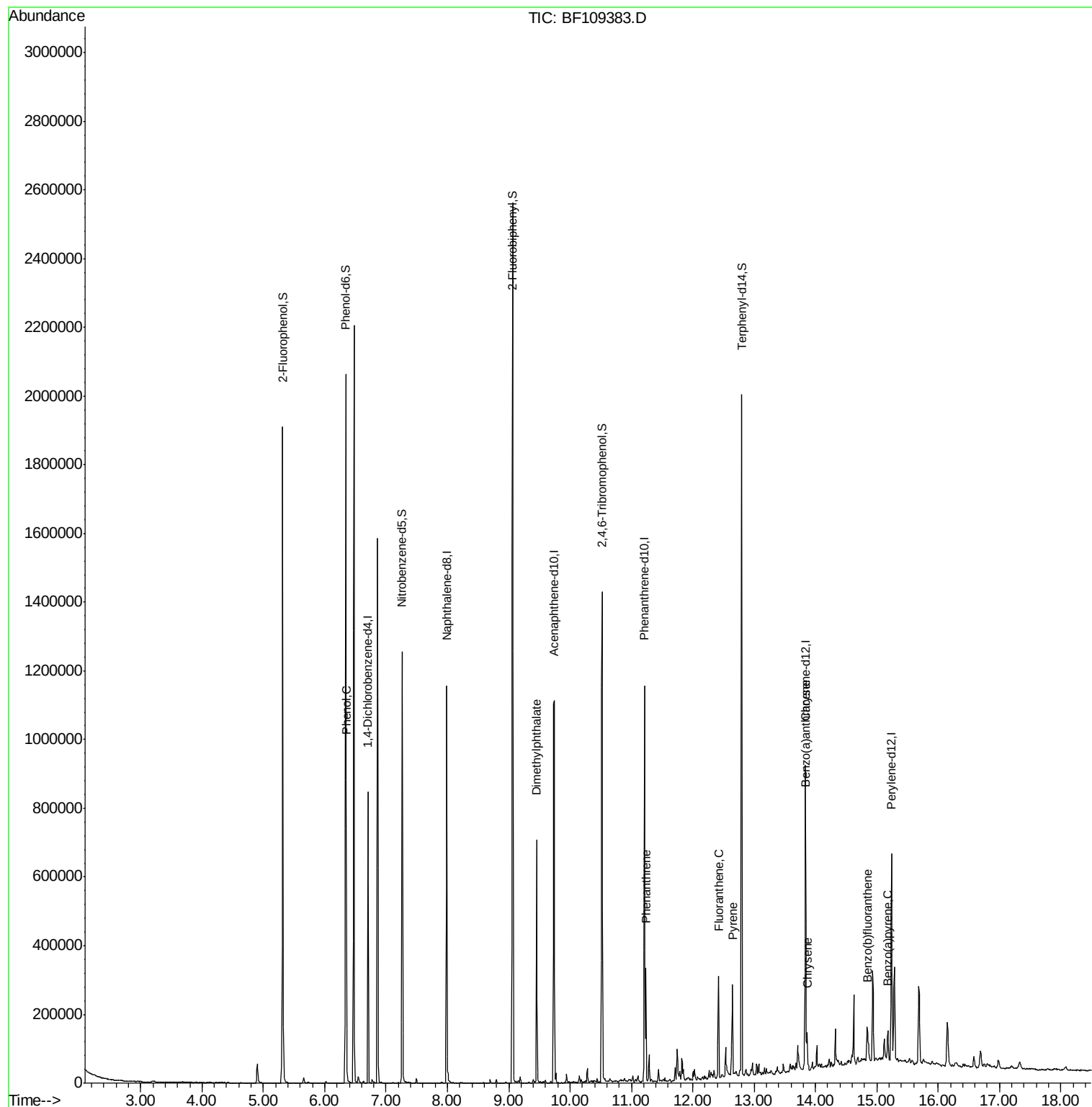
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
Data File : BF109383.D
Acq On : 27 Sep 2018 13:35
Operator : JU/SJ
Sample : J5066-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

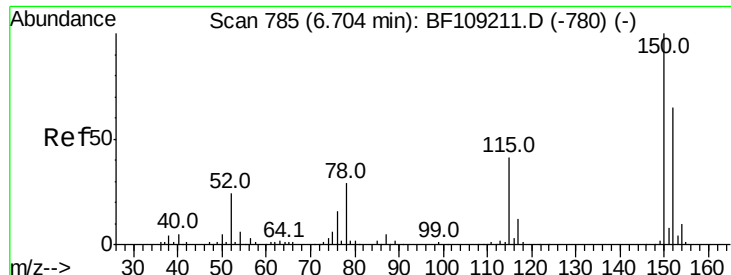
Instrument :
BNA_F
ClientSampleId :
EP1-Q1-HI1

Manual Integrations
APPROVED

Sohil
9/28/2018 2:39:25 PM

Quant Time: Sep 27 14:51:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration





#1

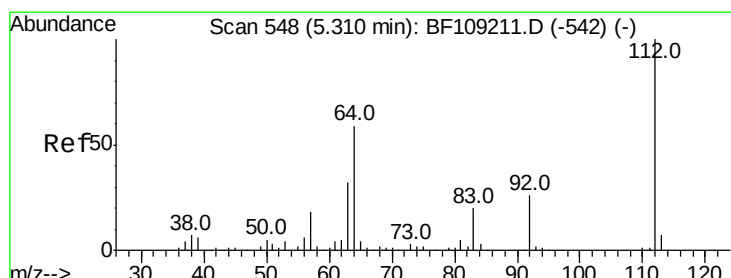
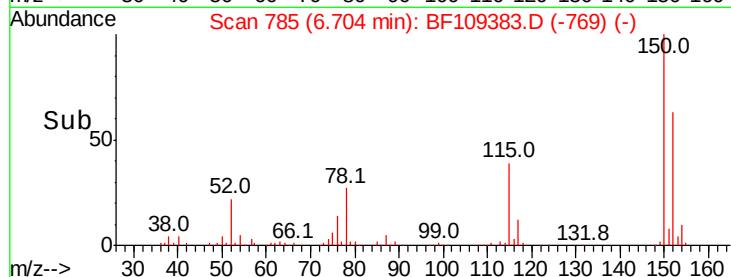
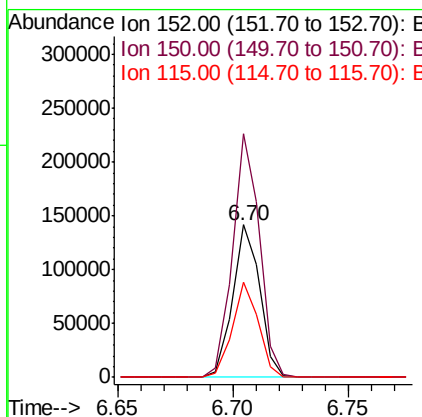
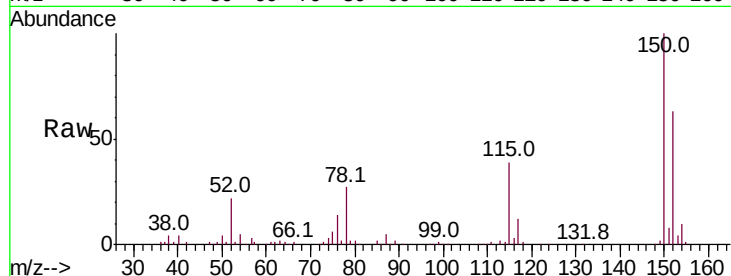
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109383.D
Acq: 27 Sep 2018 13:35

Instrument :
BNA_F
ClientSampleId :
EP1-Q1-HI1

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	124.6	186.8
115	62.0	50.1	75.1

Manual Integrations
APPROVED

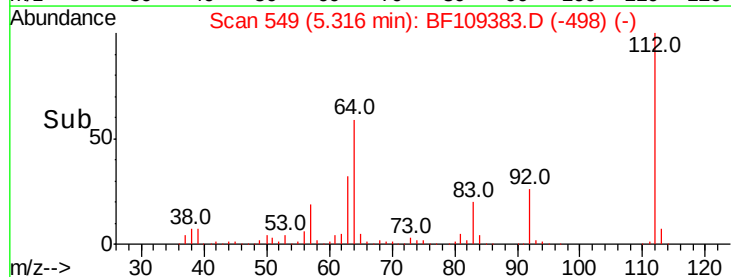
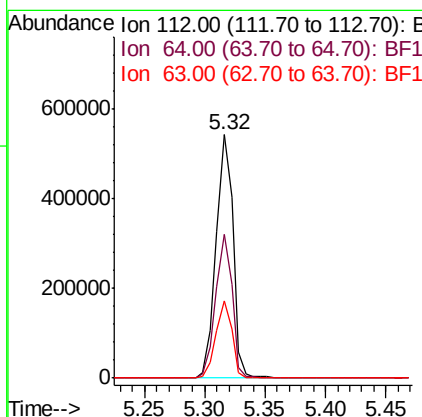
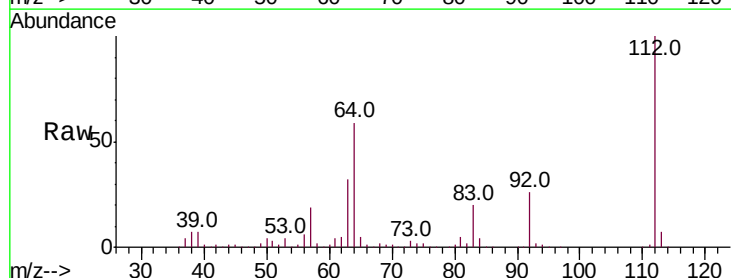
Sohil
9/28/2018 2:39:25 PM

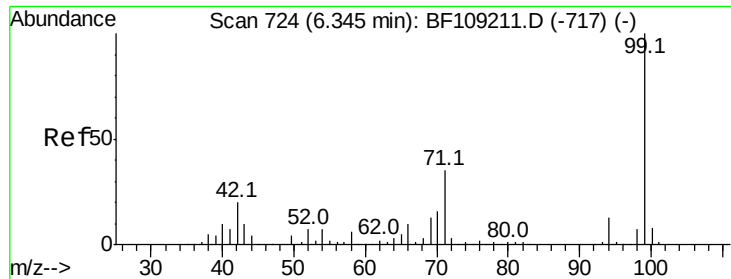


#5

2-Fluorophenol
Concen: 74.437 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109383.D
Acq: 27 Sep 2018 13:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	47.9	71.9
63	31.8	23.7	35.5





#7

Phenol-d6

Concen: 76.092 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109383.D

Acq: 27 Sep 2018 13:35

Instrument :

BNA_F

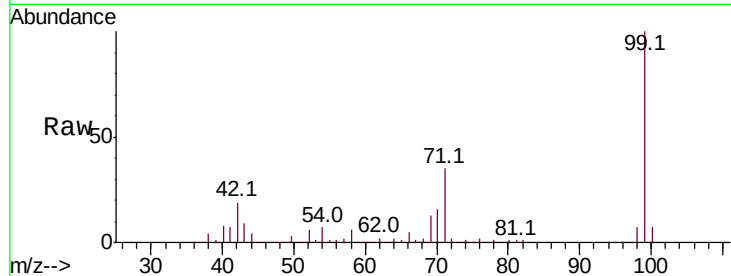
ClientSampled :

EP1-Q1-HI1

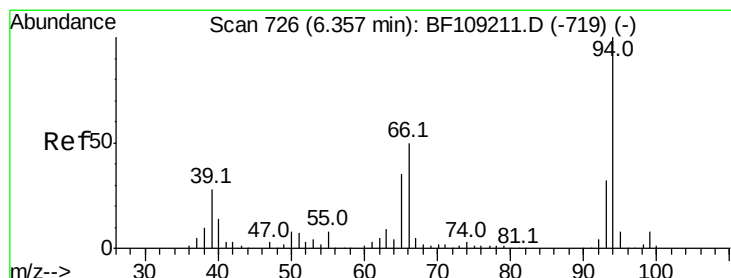
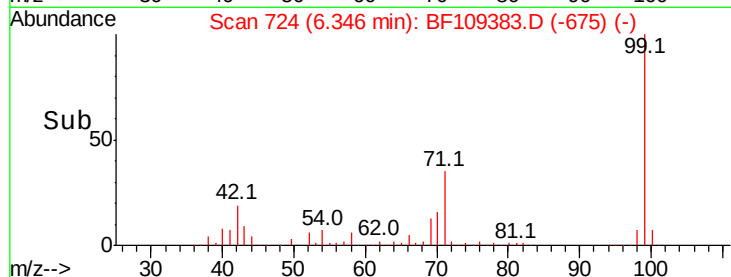
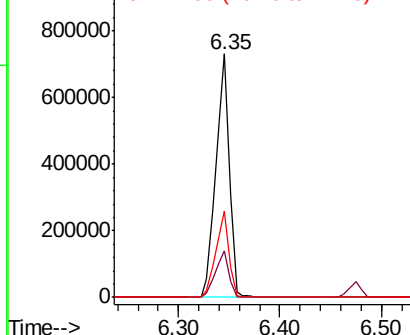
Tot Ion:	99	Resp:	681347
Ion Ratio	Lower	Upper	
99	100		
42	19.2	14.5	21.7
71	35.4	25.4	38.0

Manual Integrations
APPROVED

Sohil
9/28/2018 2:39:25 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



#10

Phenol

Concen: 2.568 ng

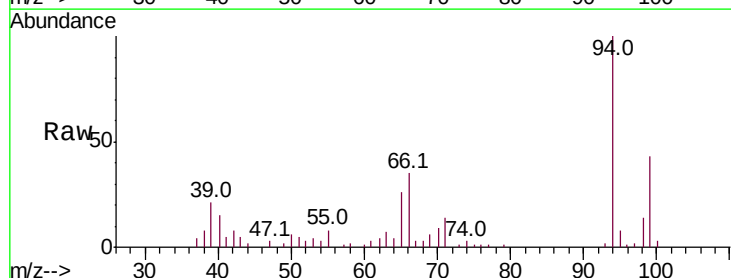
RT: 6.36 min Scan# 726

Delta R.T. -0.02 min

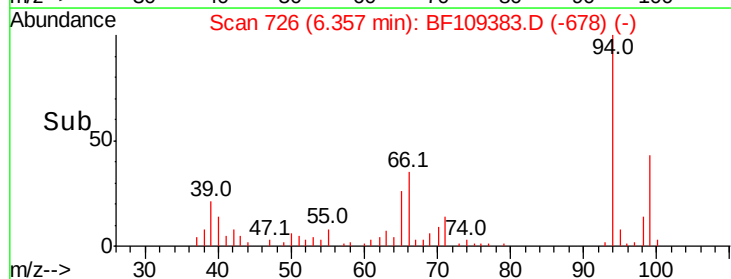
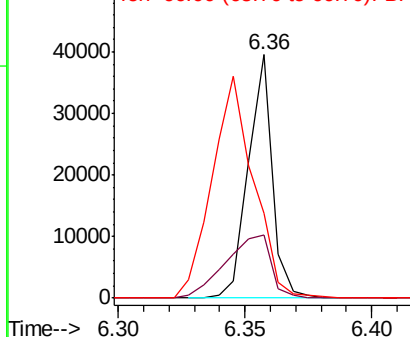
Lab File: BF109383.D

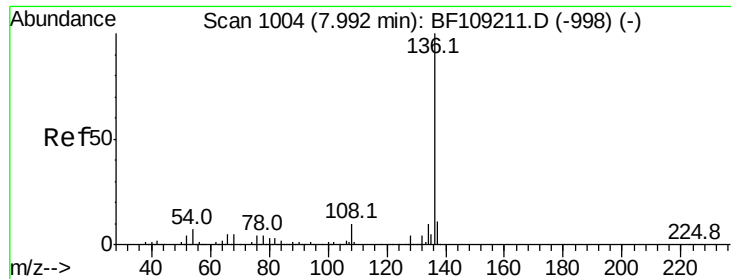
Acq: 27 Sep 2018 13:35

Tgt Ion:	94	Resp:	26045
Ion Ratio	Lower	Upper	
94	100		
65	25.9	7.9	47.9
66	34.8	16.2	56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





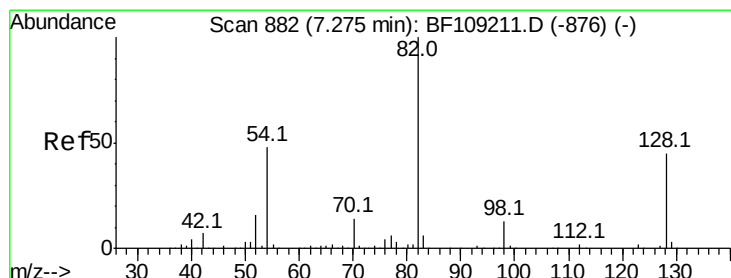
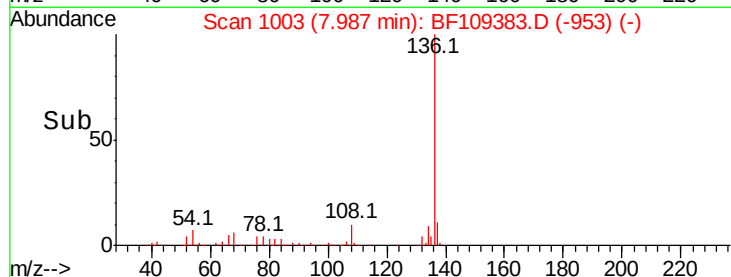
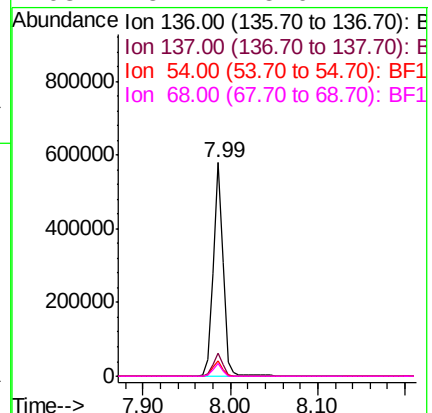
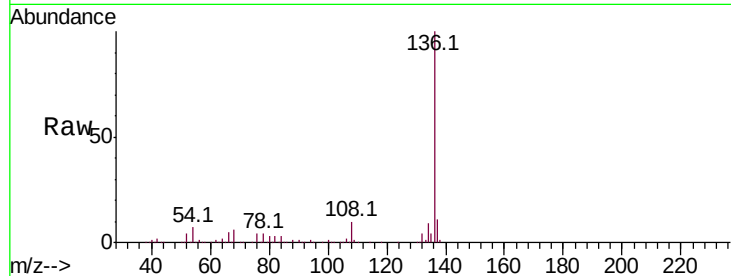
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109383.D
Acq: 27 Sep 2018 13:35

Instrument :
BNA_F
ClientSampleId :
EP1-Q1-HI1

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.9	13.3	
54	7.2	6.6	9.8	
68	5.7	5.0	7.4	

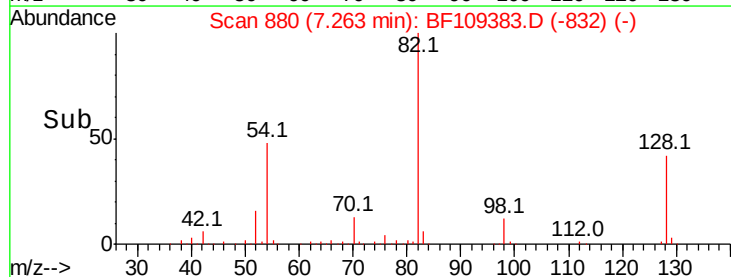
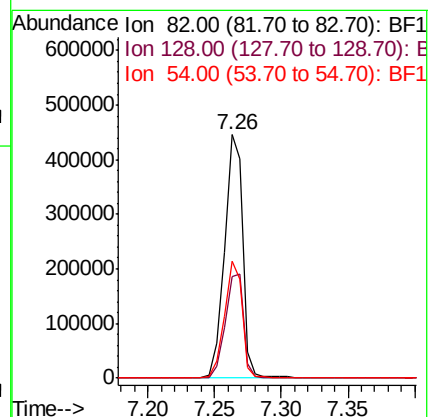
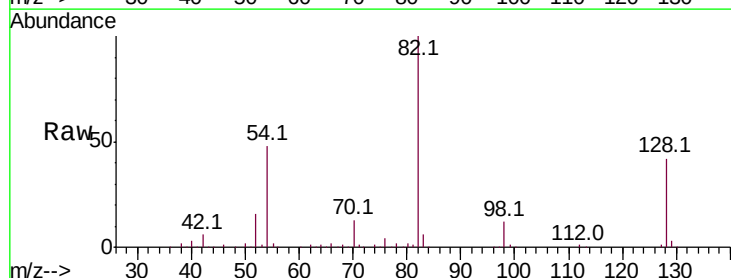
Manual Integrations
APPROVED

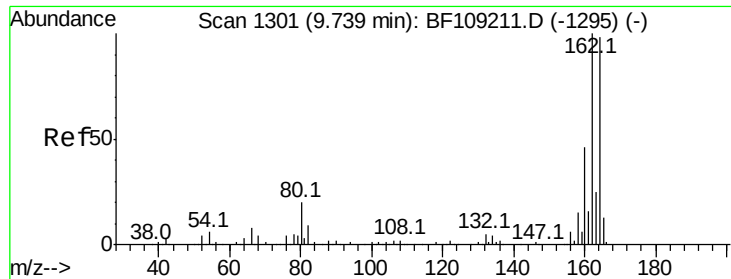
Sohil
9/28/2018 2:39:25 PM



#23
Nitrobenzene-d5
Concen: 55.618 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109383.D
Acq: 27 Sep 2018 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.9	36.1	54.1	
54	48.2	41.4	62.2	





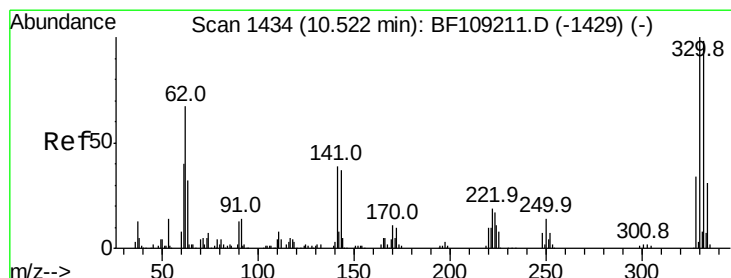
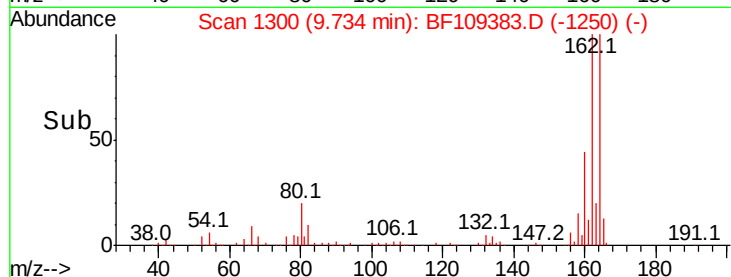
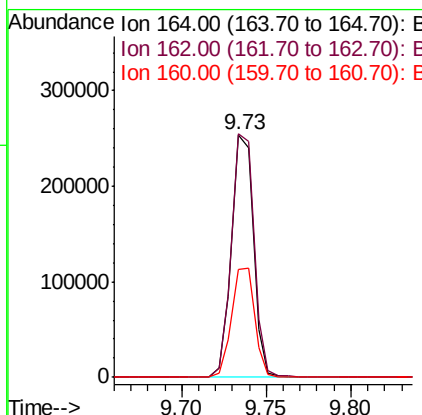
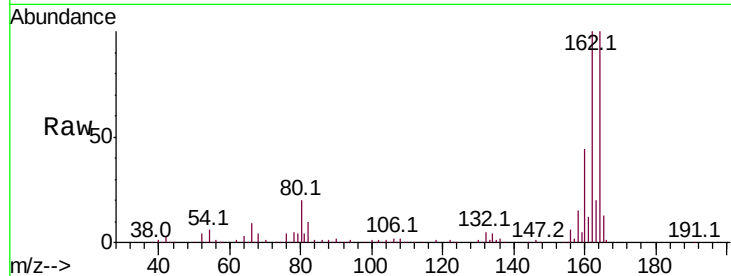
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109383.D
 Acq: 27 Sep 2018 13:35

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q1-HI1

Tot Ion	Ratio	Resp	Lower	Upper
164	100	229288		
162	100.3	86.1	129.1	
160	44.6	38.3	57.5	

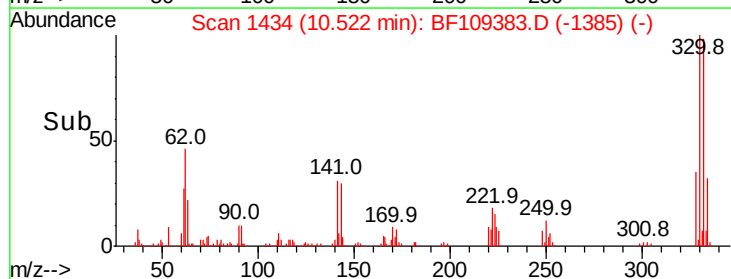
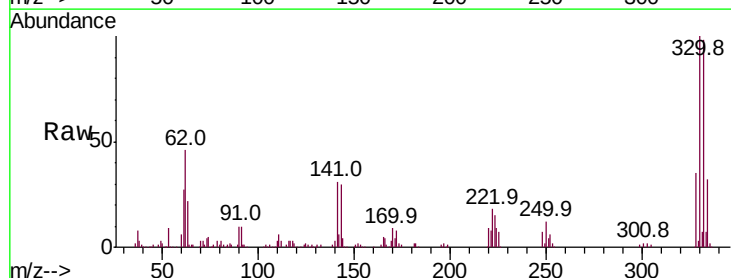
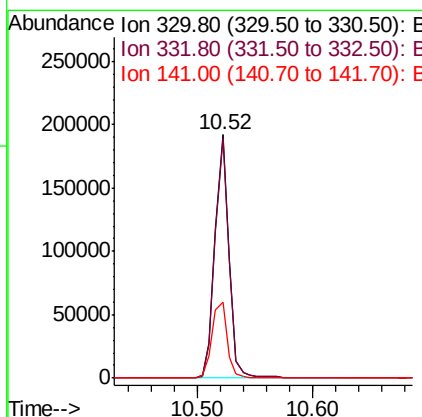
Manual Integrations
 APPROVED

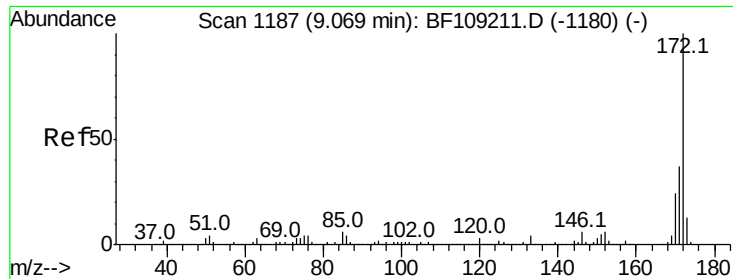
Sohil
 9/28/2018 2:39:25 PM



#41
 2,4,6-Tribromophenol
 Concen: 71.855 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109383.D
 Acq: 27 Sep 2018 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	162414		
332	98.3	77.0	115.6	
141	33.9	29.9	44.9	





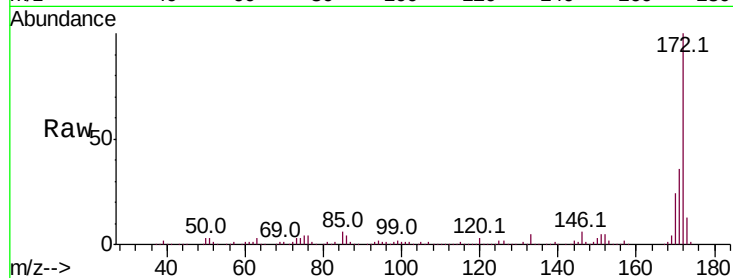
#44
2-Fluorobiphenyl
Concen: 48.699 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109383.D
Acq: 27 Sep 2018 13:35

Instrument :
BNA_F
ClientSampleId :
EP1-Q1-HI1

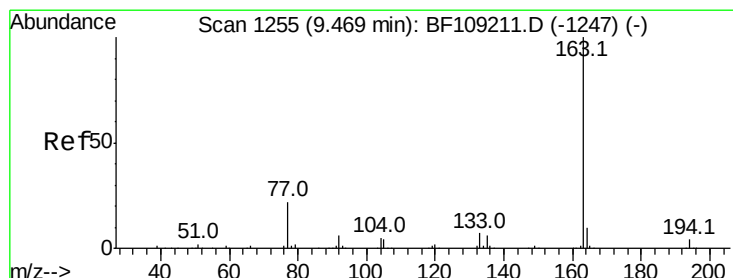
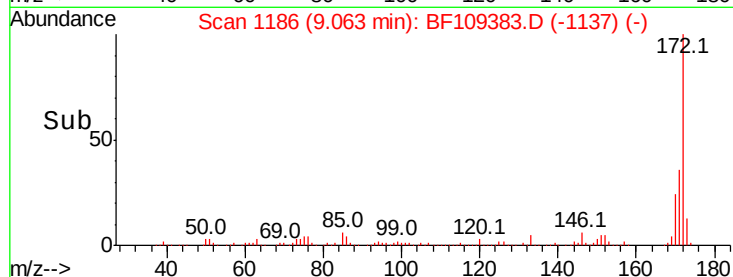
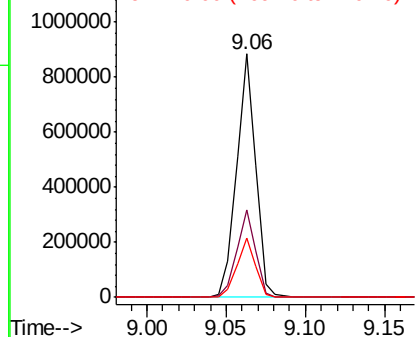
Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.0	29.7	44.5	
170	24.4	19.6	29.4	

Manual Integrations
APPROVED

Sohil
9/28/2018 2:39:25 PM

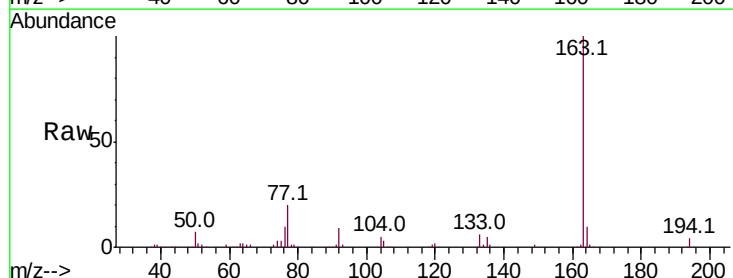


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

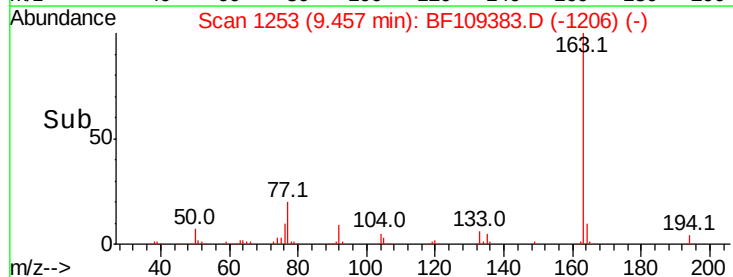
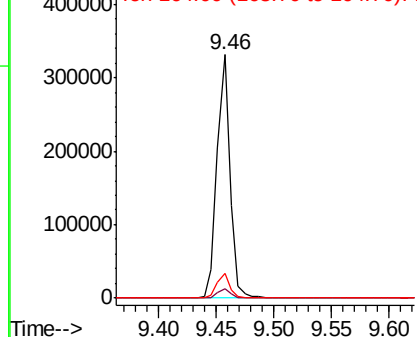


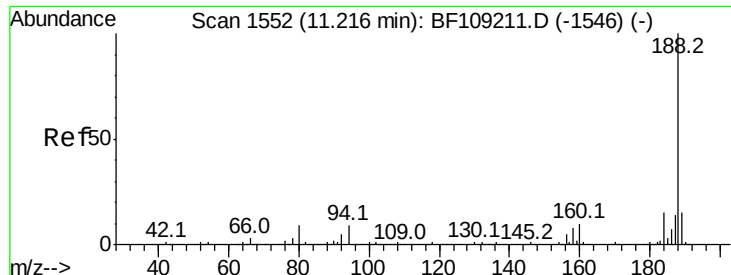
#49
Dimethylphthalate
Concen: 15.556 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109383.D
Acq: 27 Sep 2018 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.9	2.7	4.1	
164	10.0	8.2	12.2	



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





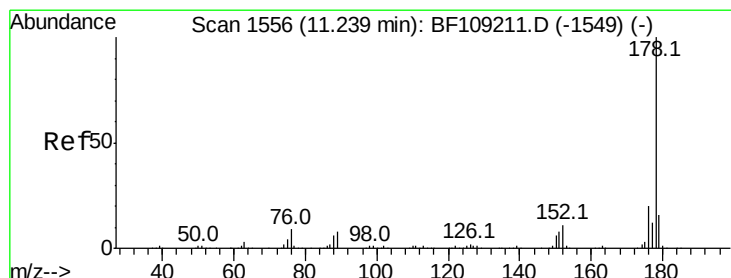
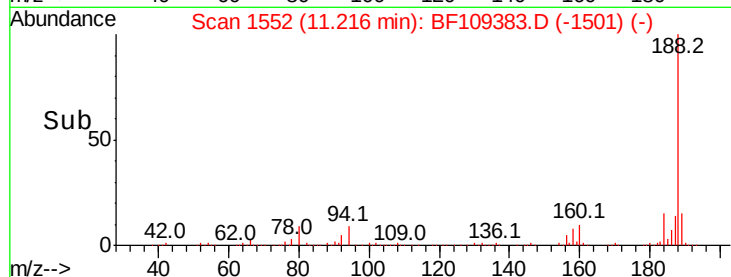
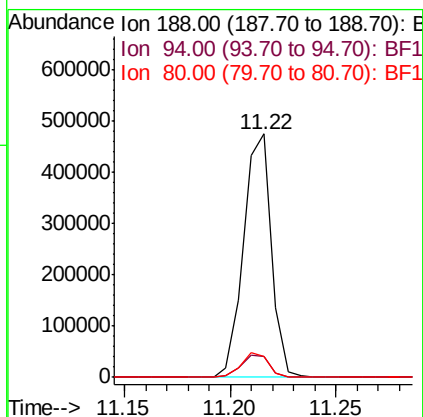
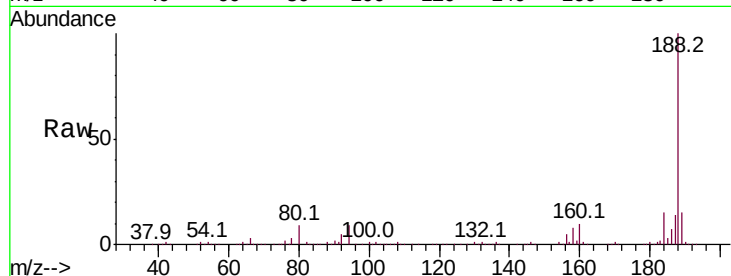
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109383.D
Acq: 27 Sep 2018 13:35

Instrument :
BNA_F
ClientSampleId :
EP1-Q1-HI1

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.8	8.5	12.7
80	8.8	9.2	13.8

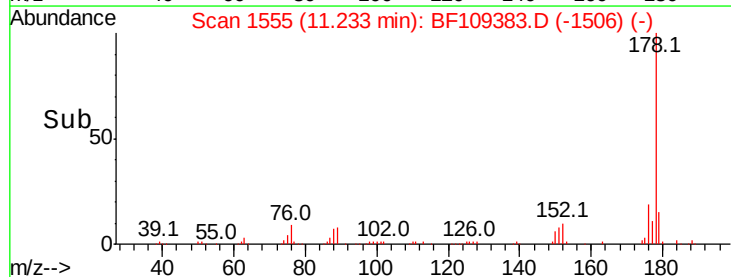
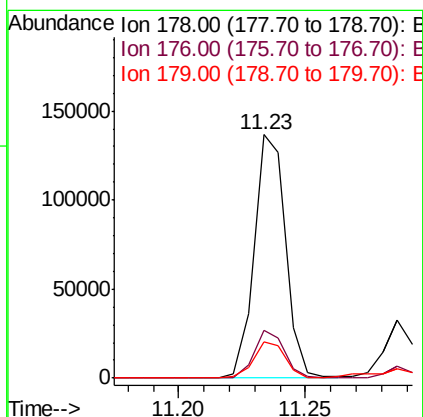
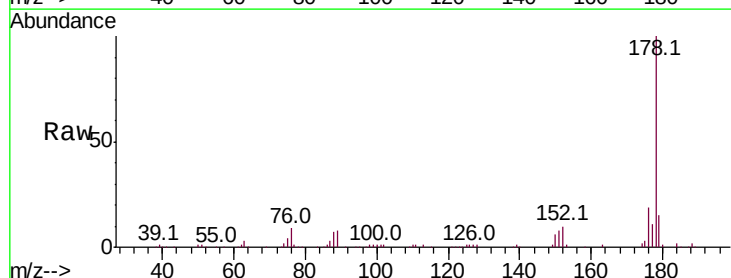
Manual Integrations
APPROVED

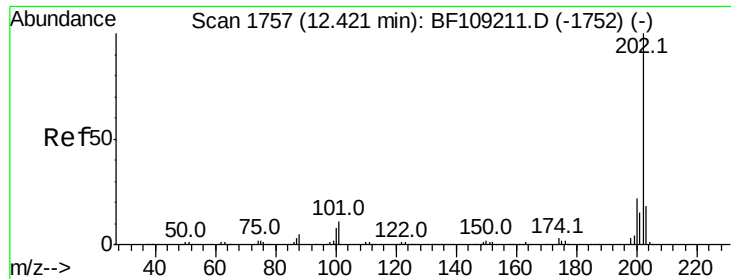
Sohil
9/28/2018 2:39:25 PM



#70
Phenanthrene
Concen: 5.482 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF109383.D
Acq: 27 Sep 2018 13:35

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.0	13.0	19.6





#74

Fluoranthene

Concen: 5.236 ng

RT: 12.42 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BF109383.D

Acq: 27 Sep 2018 13:35

Instrument :

BNA_F

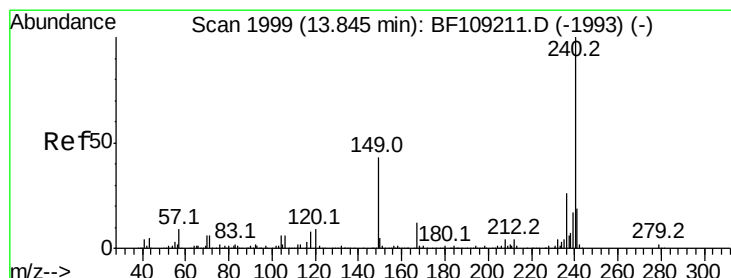
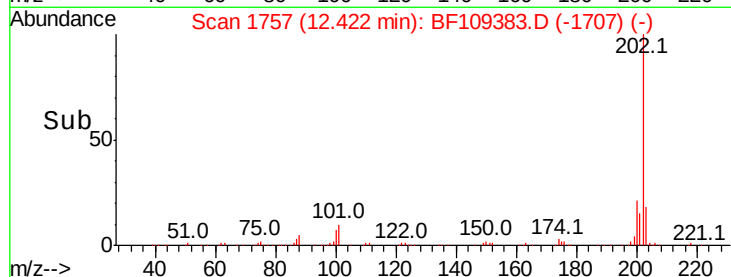
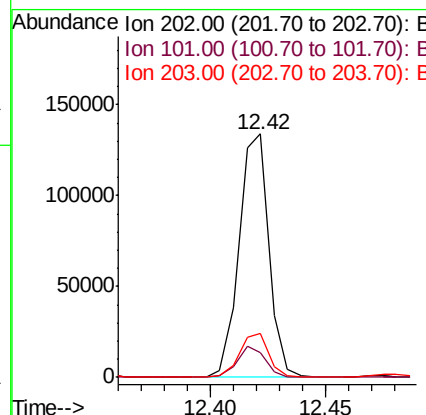
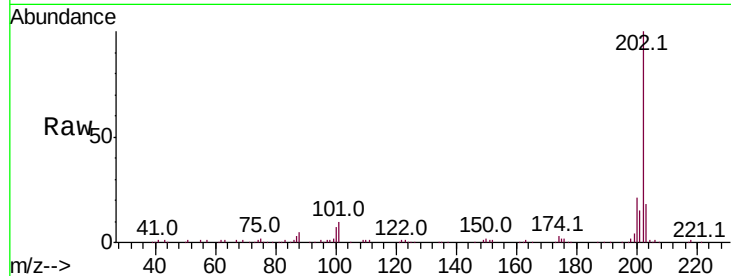
ClientSampleId :

EP1-Q1-HI1

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.2	0.0	34.1
203	18.2	0.0	38.1

Manual Integrations
APPROVED

Sohil
9/28/2018 2:39:25 PM



#75

Chrysene-d12

Concen: 20.000 ng

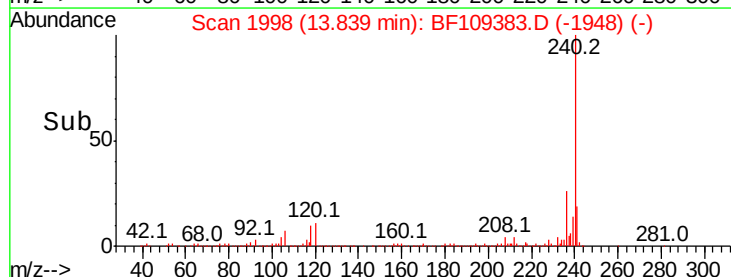
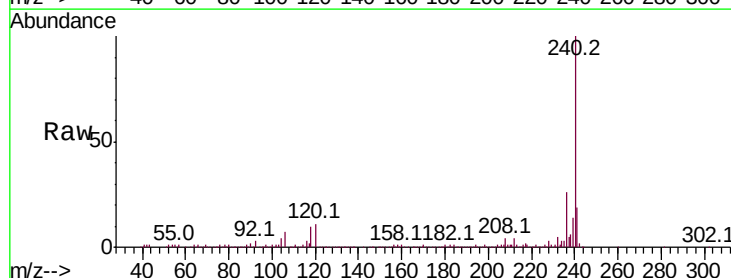
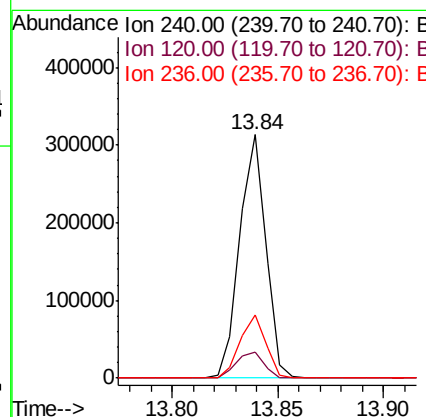
RT: 13.84 min Scan# 1998

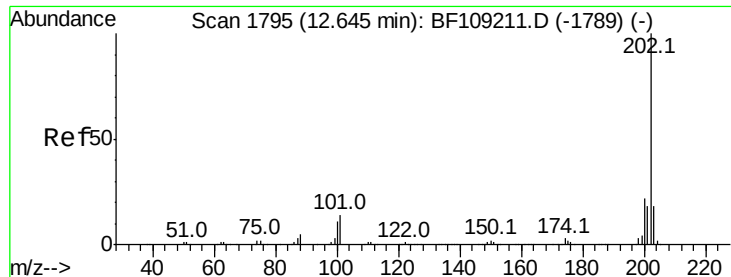
Delta R.T. -0.01 min

Lab File: BF109383.D

Acq: 27 Sep 2018 13:35

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.5	9.5	14.3
236	26.0	20.7	31.1





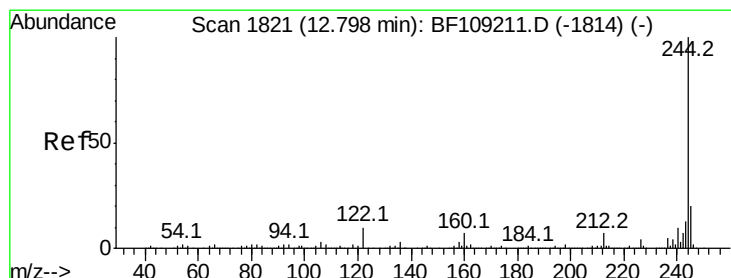
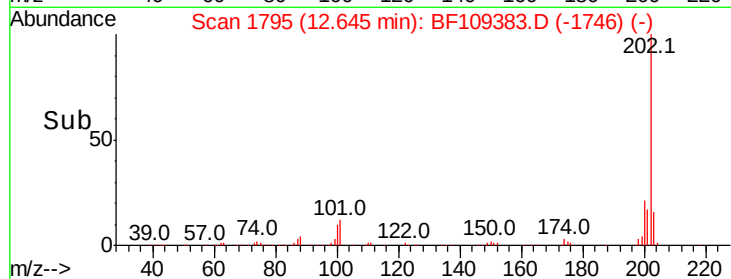
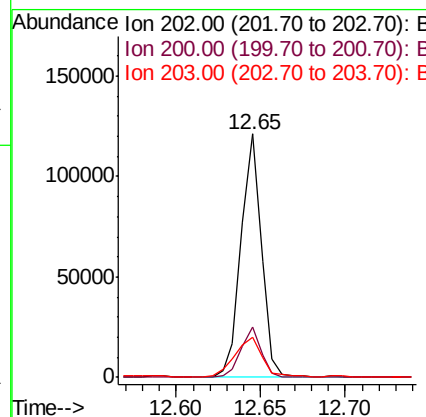
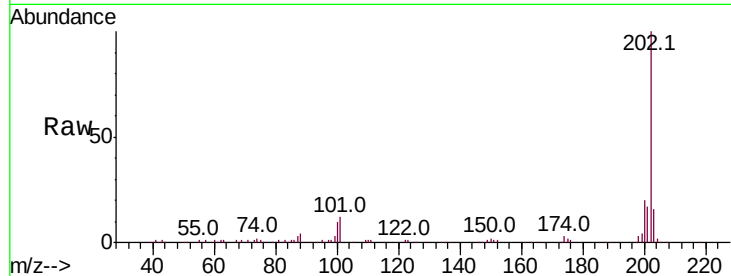
#77
Pvrene
Concen: 5.361 ng
RT: 12.65 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF109383.D
Acq: 27 Sep 2018 13:35

Instrument :
BNA_F
ClientSampleId :
EP1-Q1-HI1

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.4	17.4	26.2
203	16.5	14.3	21.5

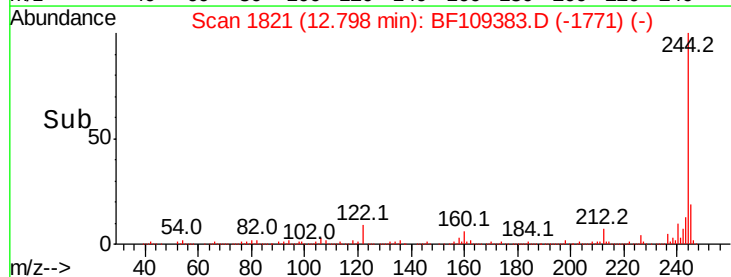
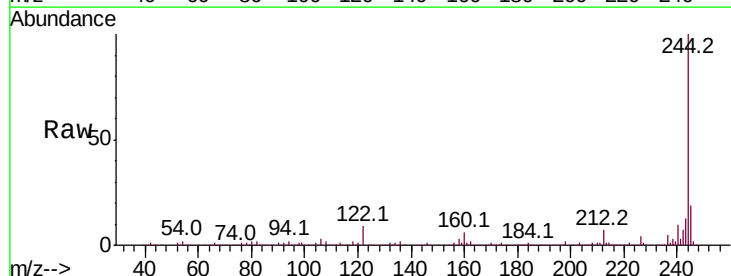
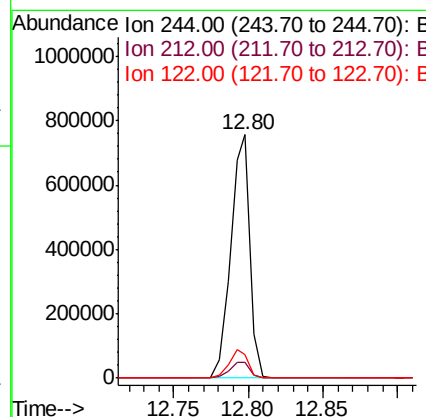
Manual Integrations
APPROVED

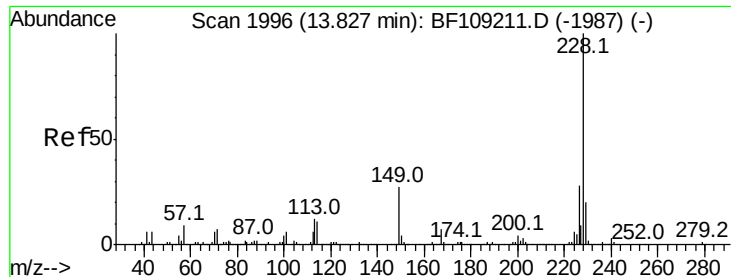
Sohil
9/28/2018 2:39:25 PM



#78
Terphenyl-d14
Concen: 62.958 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF109383.D
Acq: 27 Sep 2018 13:35

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.6	5.4	8.0
122	9.5	11.0	16.4





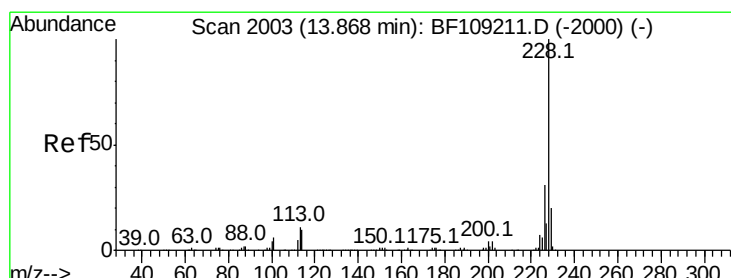
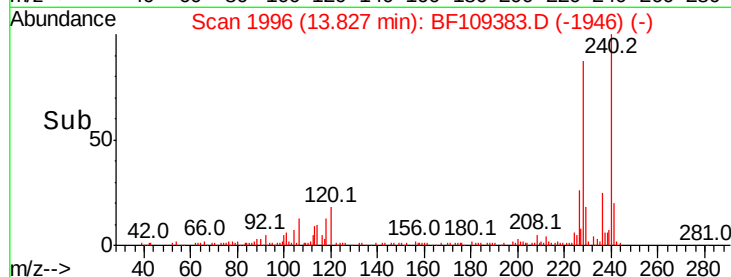
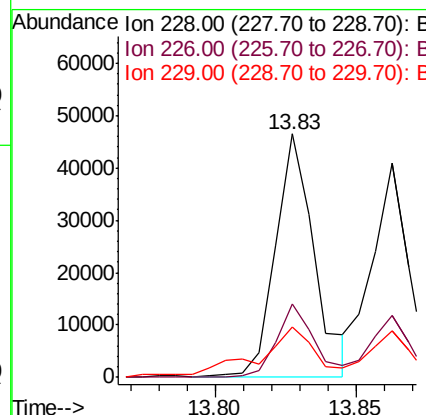
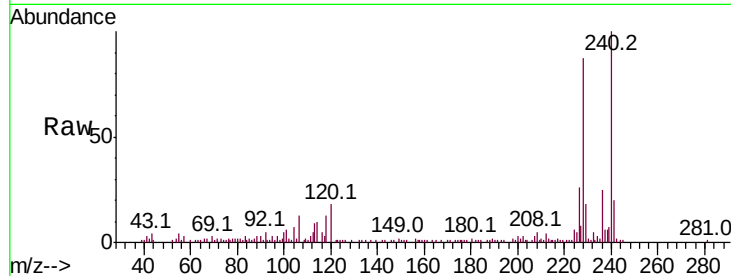
#80
Benzo(a)anthracene
Concen: 2.754 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109383.D
Acq: 27 Sep 2018 13:35

Instrument :
BNA_F
ClientSampleId :
EP1-Q1-HI1

Tot Ion:228	Resp:	44417
Ion Ratio	Lower	Upper
228 100		
226 29.9	22.6	33.8
229 20.5	15.8	23.6

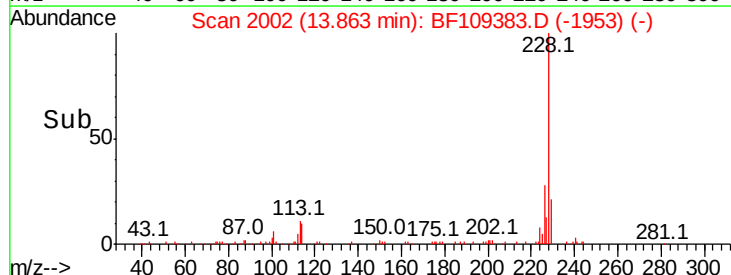
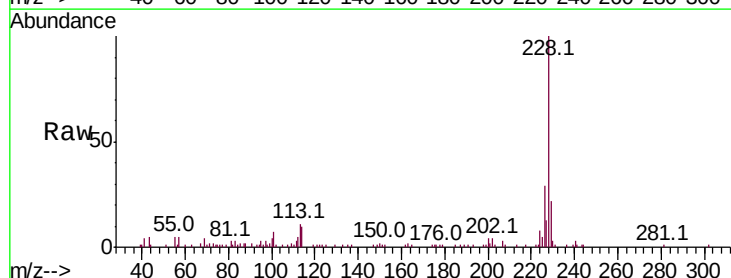
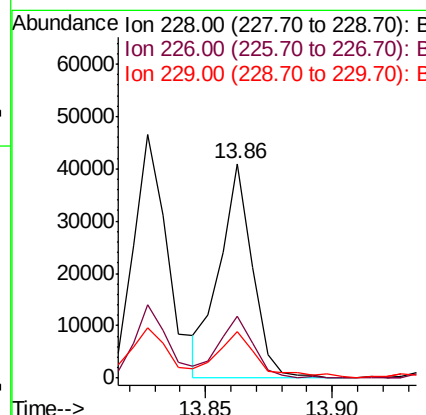
Manual Integrations
APPROVED

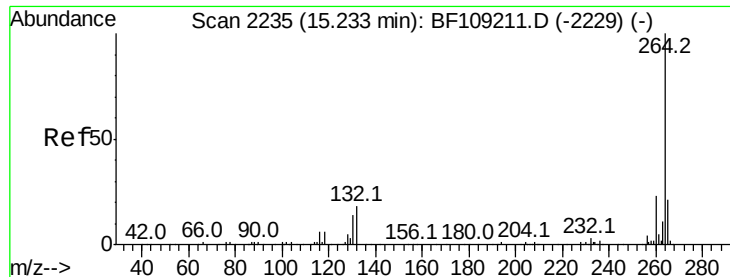
Sohil
9/28/2018 2:39:25 PM



#82
Chrysene
Concen: 2.306 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF109383.D
Acq: 27 Sep 2018 13:35

Tgt Ion:228	Resp:	36857
Ion Ratio	Lower	Upper
228 100		
226 29.0	25.0	37.6
229 21.8	16.2	24.4





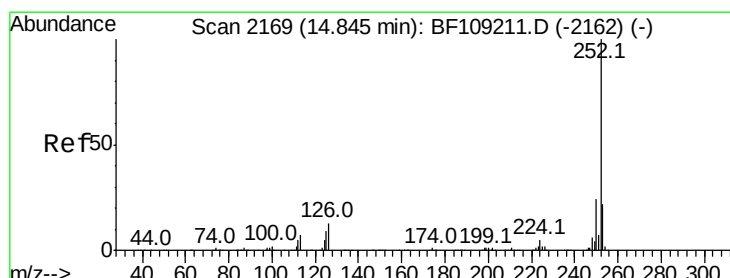
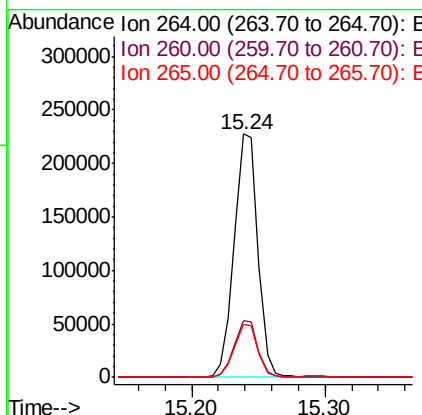
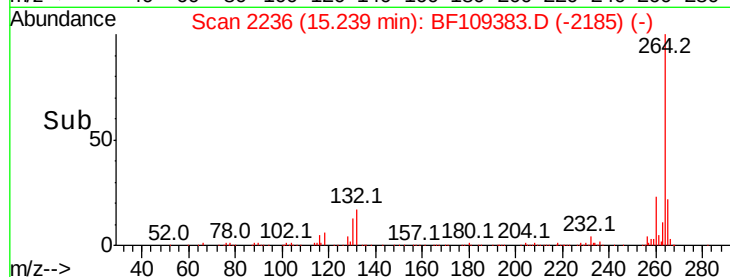
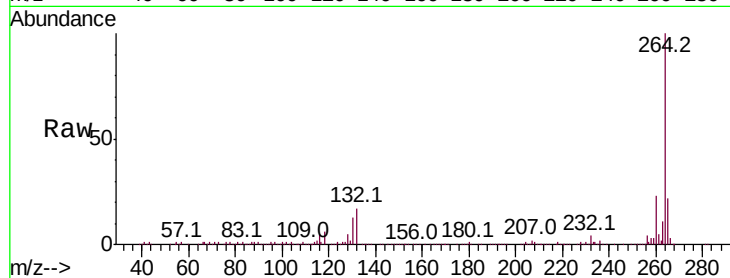
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF109383.D
Acq: 27 Sep 2018 13:35

Instrument :
BNA_F
ClientSampleId :
EP1-Q1-HI1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.6	17.5	26.3

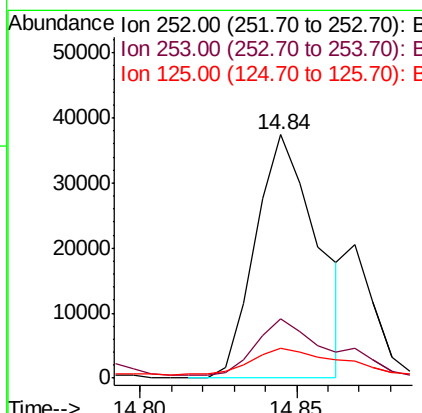
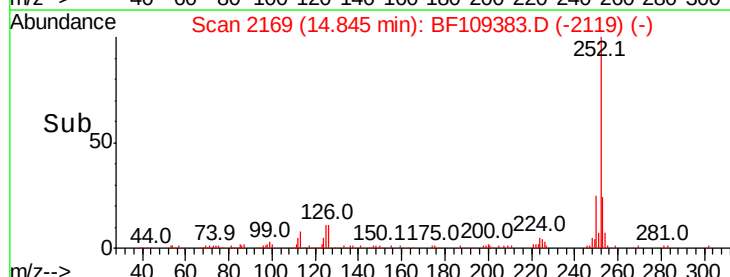
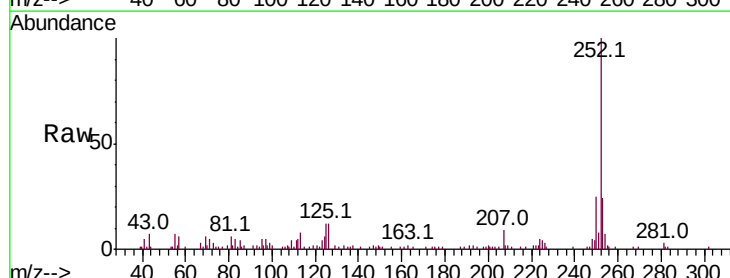
Manual Integrations
APPROVED

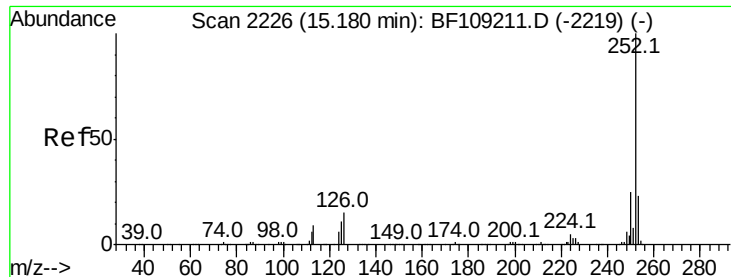
Sohil
9/28/2018 2:39:25 PM



#87
Benzo(b)fluoranthene
Concen: 3.310 ng m
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF109383.D
Acq: 27 Sep 2018 13:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.0	25.6
125	12.2	9.0	13.6





#89

Benzo(a)pyrene

Concen: 2.480 ng

RT: 15.18 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BF109383.D

Acq: 27 Sep 2018 13:35

Instrument :

BNA_F

ClientSampleId :

EP1-Q1-HI1

Tot Ion:	252	Resp:	34738
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.1	25.7
125	12.2	9.8	14.6

Manual Integrations
APPROVED

Sohil

9/28/2018 2:39:25 PM

