

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110420.D
 Acq On : 2 Nov 2018 19:06
 Operator : JU/SJ
 Sample : J5759-17 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Manual Integrations
 APPROVED

Sohil
 11/5/2018 10:32:45 AM

Quant Time: Nov 03 00:13:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	92574	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	392408	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	174645	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	274665	20.00	ng	0.00
76) Chrysene-d12	14.13	240	174704	20.00	ng	0.00
87) Perylene-d12	15.66	264	165426	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	69100	12.16	ng	0.00
7) Phenol-d6	6.57	99	92104	12.67	ng	-0.01
23) Nitrobenzene-d5	7.52	82	55140	8.33	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	11414	6.60	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	104213	9.37	ng	0.00
79) Terphenyl-d14	13.07	244	62832	7.48	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.51	178	50526	3.516	ng	100
75) Fluoranthene	12.70	202	60010	4.114	ng	97
78) Pyrene	12.93	202	58150	4.643	ng	97
81) Benzo(a)anthracene	14.12	228	26665m	2.574	ng	
83) Chrysene	14.16	228	25223	2.563	ng	99
88) Benzo(b)fluoranthene	15.20	252	30497m	3.192	ng	
90) Benzo(a)pyrene	15.59	252	24884	2.831	ng	98

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

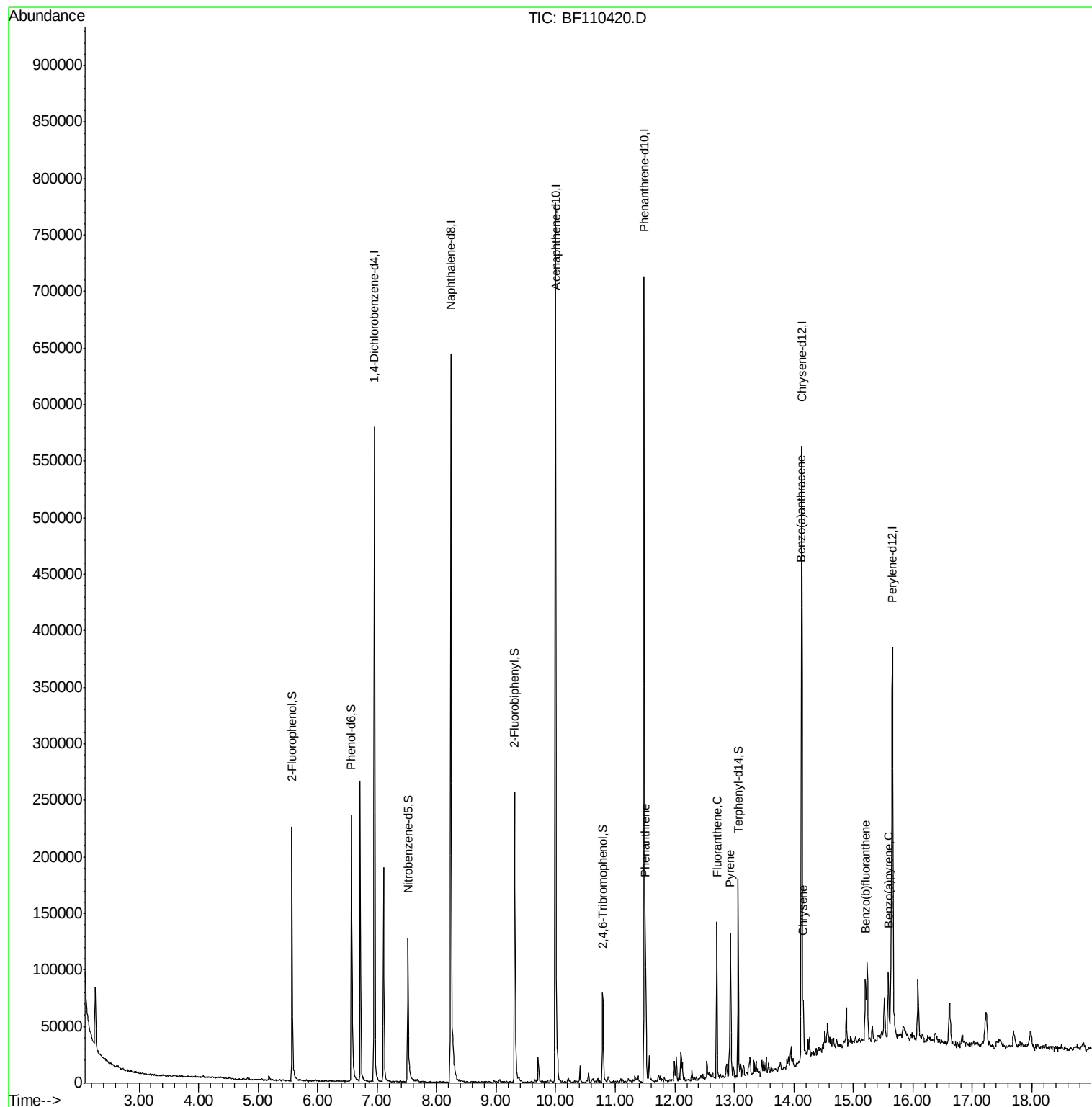
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
Data File : BF110420.D
Acq On : 2 Nov 2018 19:06
Operator : JU/SJ
Sample : J5759-17 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

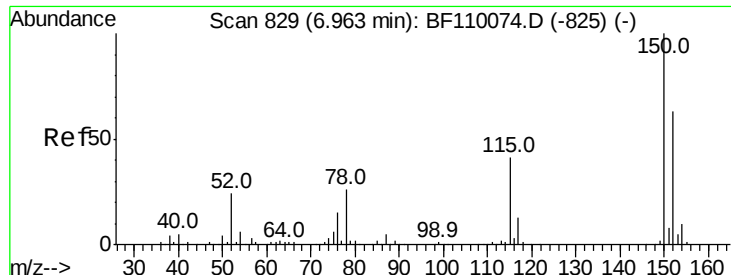
Instrument :
BNA_F
ClientSampled :
TP-5

Quant Time: Nov 03 00:13:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
11/5/2018 10:32:45 AM





#1

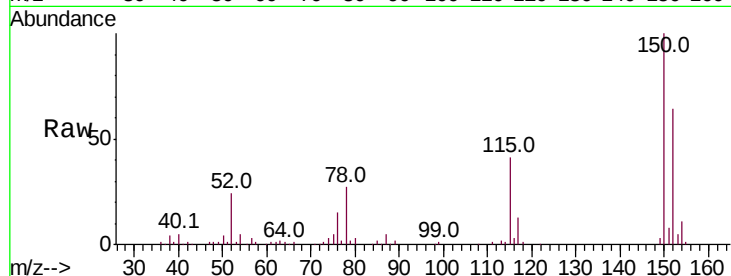
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110420.D
Acq: 2 Nov 2018 19:06

Instrument :
BNA_F
ClientSampled :
TP-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	122.7	184.1
115	64.2	49.1	73.7

Manual Integrations
APPROVED

Sohil
11/5/2018 10:32:45 AM

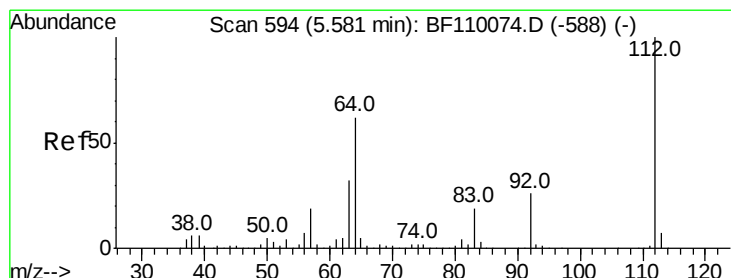
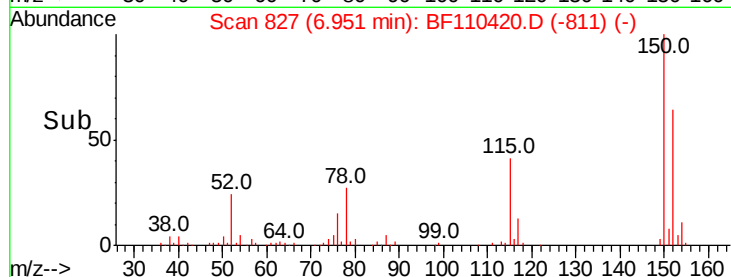
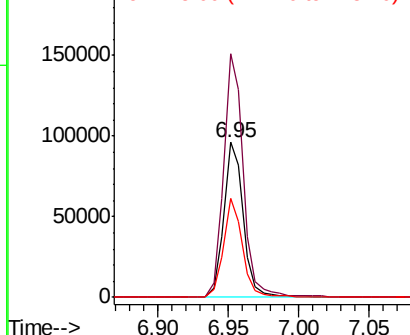


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

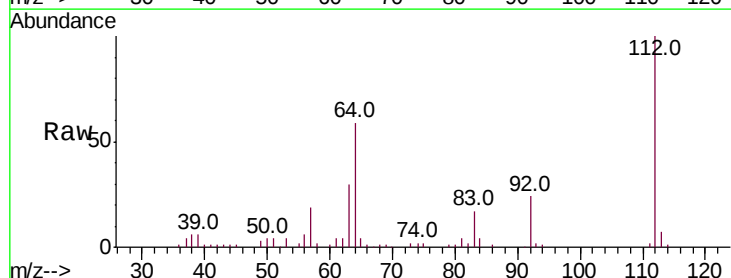
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 12.155 ng
RT: 5.57 min Scan# 592
Delta R.T. -0.01 min
Lab File: BF110420.D
Acq: 2 Nov 2018 19:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.5	44.1	66.1
63	29.8	23.7	35.5

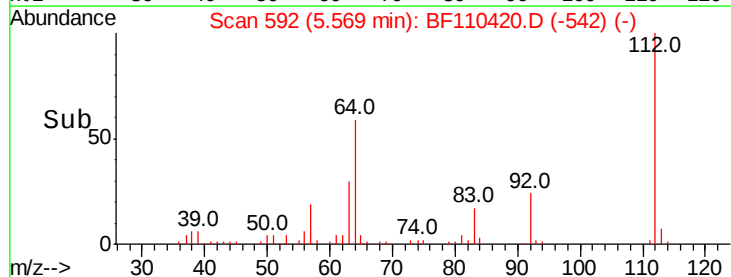
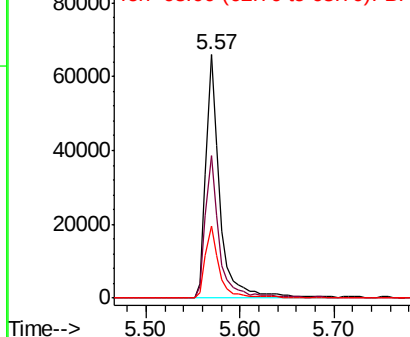


Abundance

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: 12.667 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110420.D

Acq: 2 Nov 2018 19:06

Instrument :

BNA_F

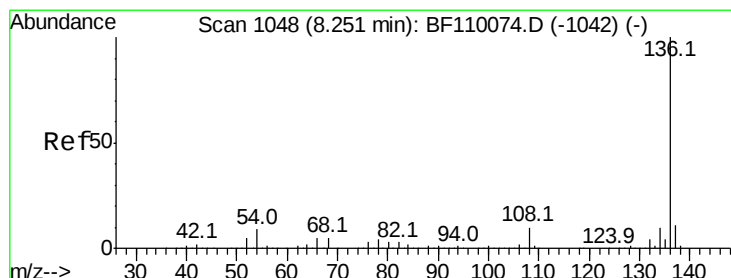
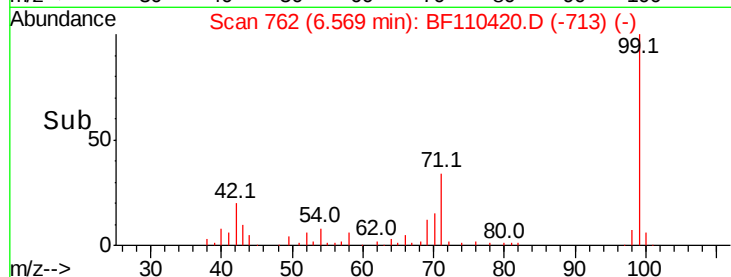
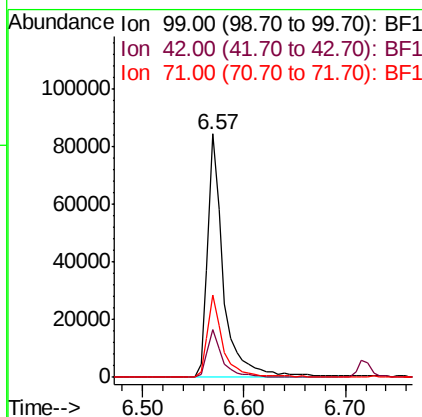
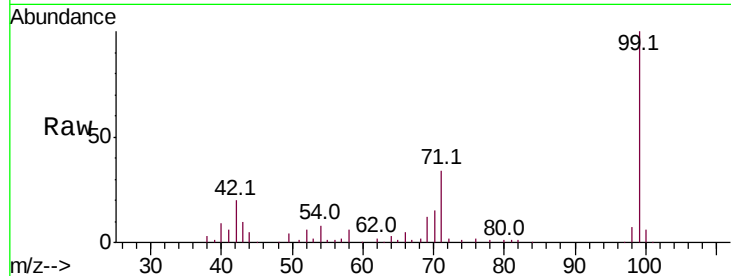
ClientSampled :

TP-5

Tot Ion:	99	Resp:	92104
Ion Ratio	Lower	Upper	
99	100		
42	19.9	15.8	23.6
71	33.8	28.0	42.0

Manual Integrations
APPROVED

Sohil
11/5/2018 10:32:45 AM



#21

Naphthalene-d8

Concen: 20.000 ng

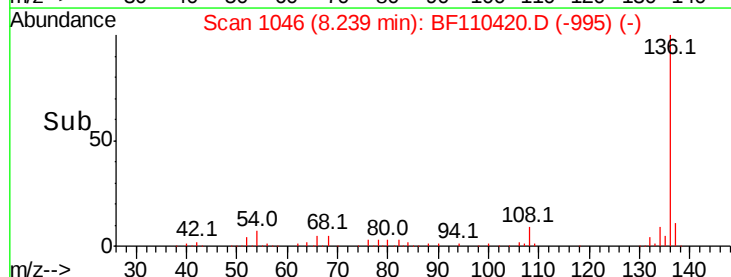
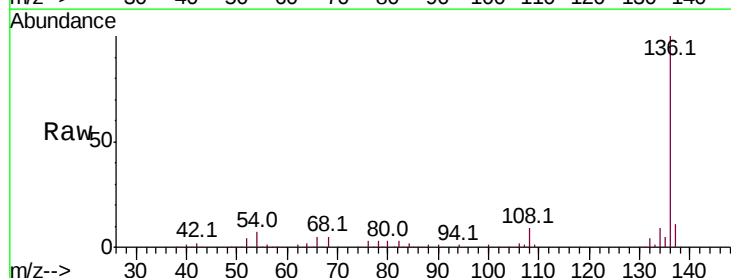
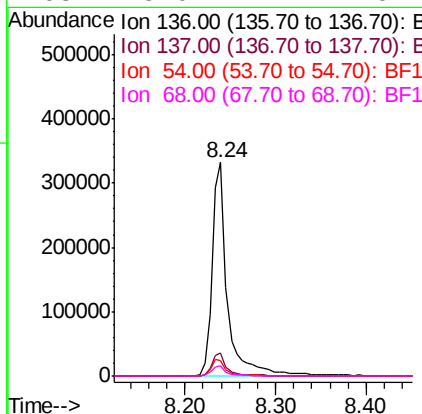
RT: 8.24 min Scan# 1046

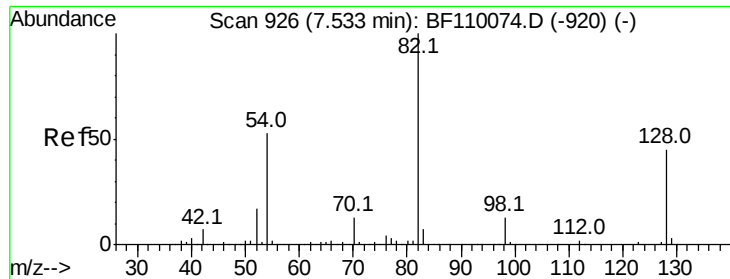
Delta R.T. 0.00 min

Lab File: BF110420.D

Acq: 2 Nov 2018 19:06

Tgt Ion:	136	Resp:	392408
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	7.2	5.4	8.2
68	5.0	4.2	6.2





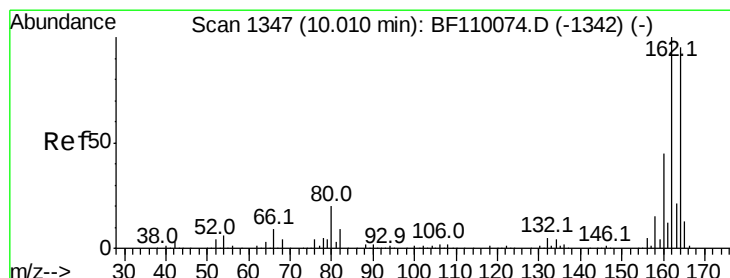
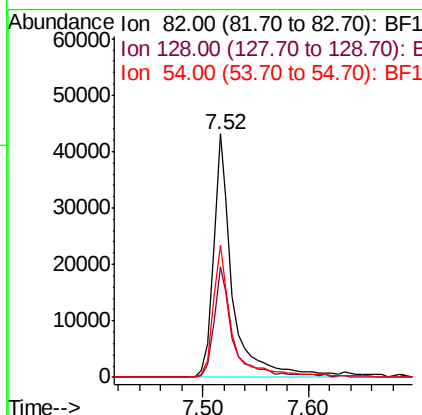
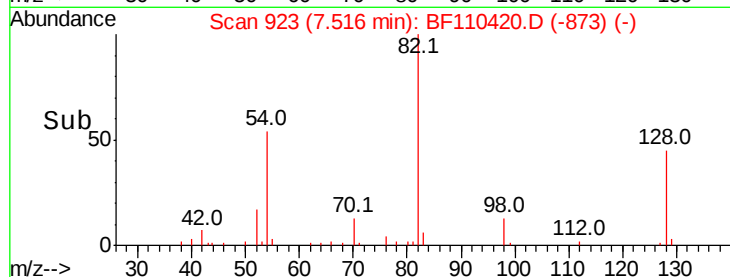
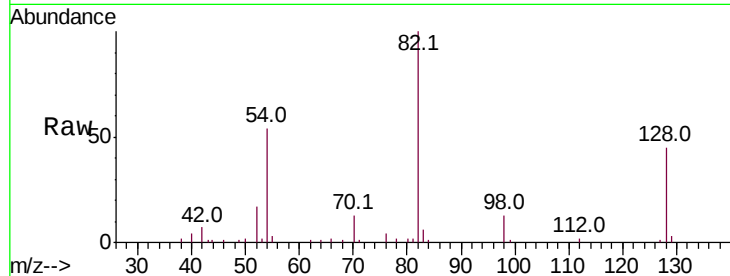
#23
Nitrobenzene-d5
Concen: 8.335 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110420.D
Acq: 2 Nov 2018 19:06

Instrument :
BNA_F
ClientSampled :
TP-5

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.3	34.2	51.2
54	54.2	38.6	58.0

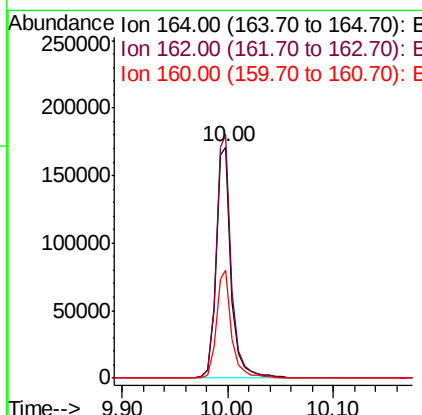
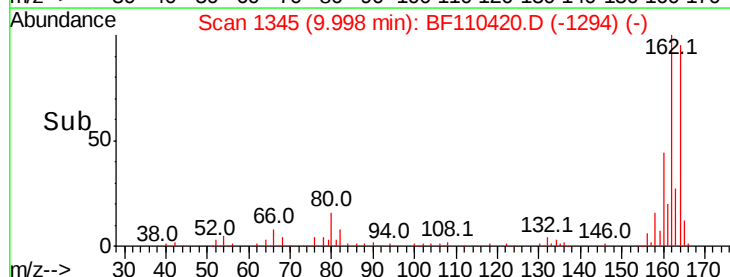
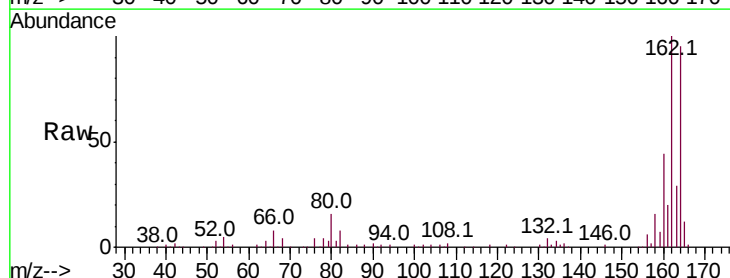
Manual Integrations
APPROVED

Sohil
11/5/2018 10:32:45 AM



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110420.D
Acq: 2 Nov 2018 19:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	83.0	124.6
160	46.8	37.0	55.6





#42

2,4,6-Tribromophenol

Concen: 6.598 ng

RT: 10.79 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BF110420.D

Acq: 2 Nov 2018 19:06

Instrument :

BNA_F

ClientSampled :

TP-5

Tot Ion:330 Resp: 11414

Ion Ratio Lower Upper

330 100

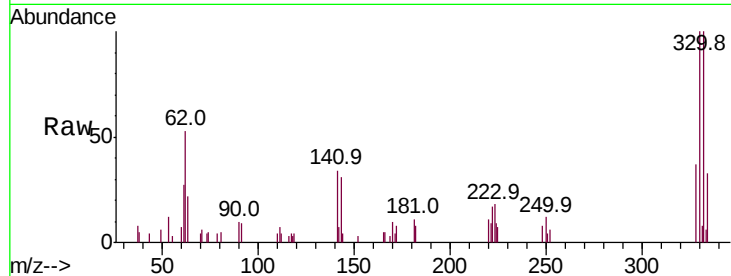
332 95.8 77.1 115.7

141 36.3 27.0 40.4

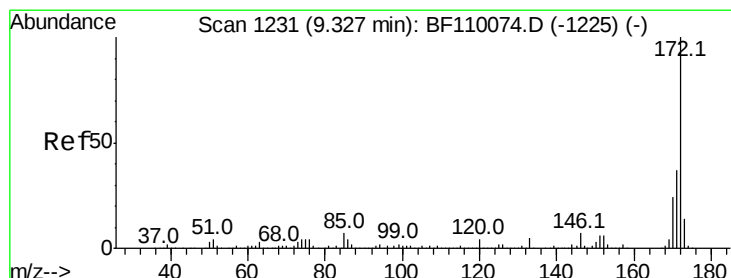
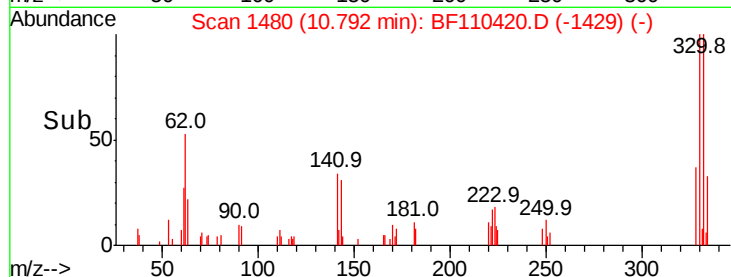
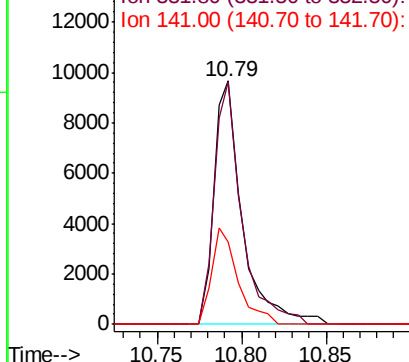
Manual Integrations
APPROVED

Sohil

11/5/2018 10:32:45 AM



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



#45

2-Fluorobiphenyl

Concen: 9.370 ng

RT: 9.31 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF110420.D

Acq: 2 Nov 2018 19:06

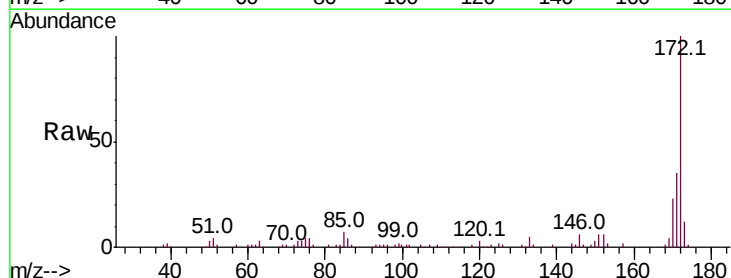
Tgt Ion:172 Resp: 104213

Ion Ratio Lower Upper

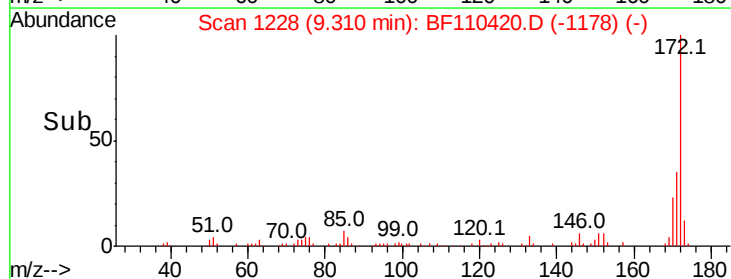
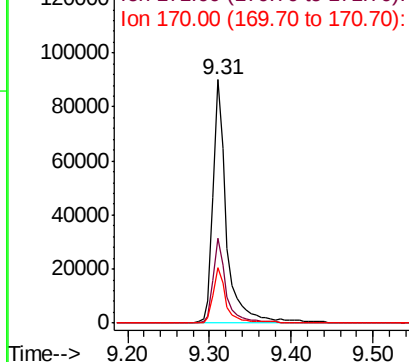
172 100

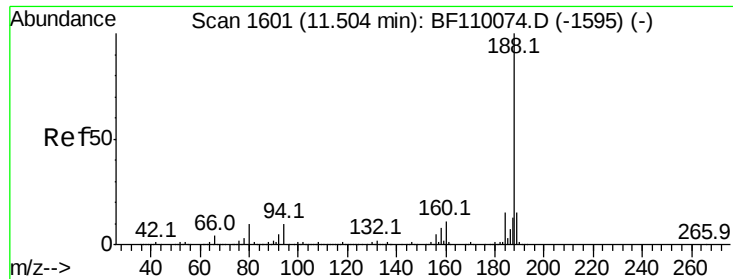
171 34.9 28.6 43.0

170 22.6 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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF110420.D

Acq: 2 Nov 2018 19:06

Instrument :

BNA_F

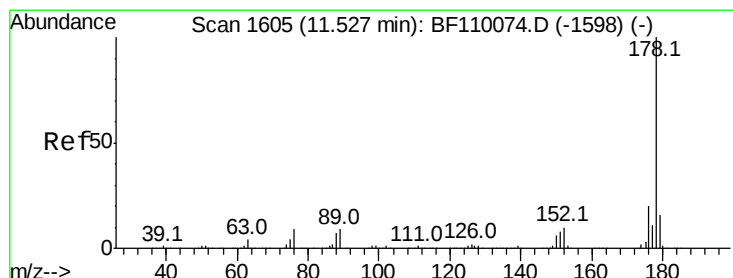
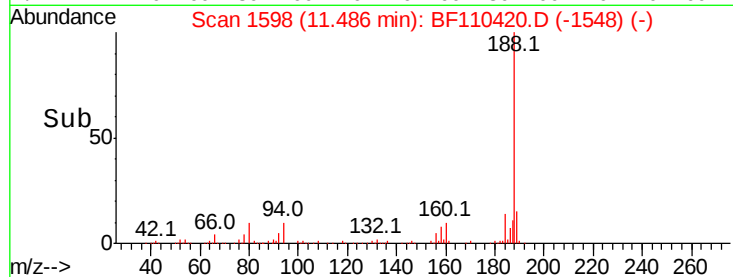
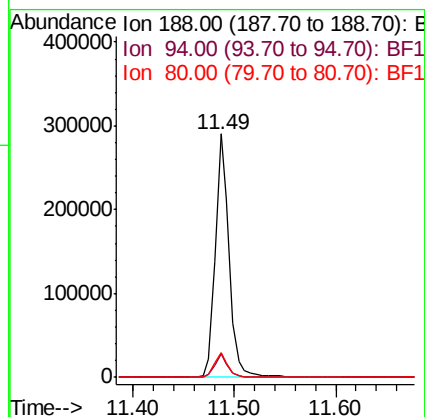
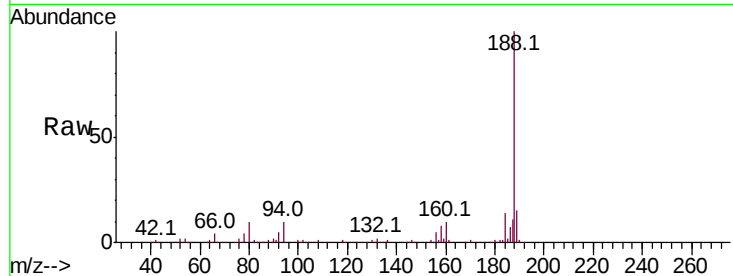
ClientSampled :

TP-5

Tot Ion:	188	Resp:	274665
Ion Ratio	Lower	Upper	
188	100		
94	9.5	7.2	10.8
80	10.1	7.9	11.9

Manual Integrations
APPROVED

Sohil
11/5/2018 10:32:45 AM



#71

Phenanthrene

Concen: 3.516 ng

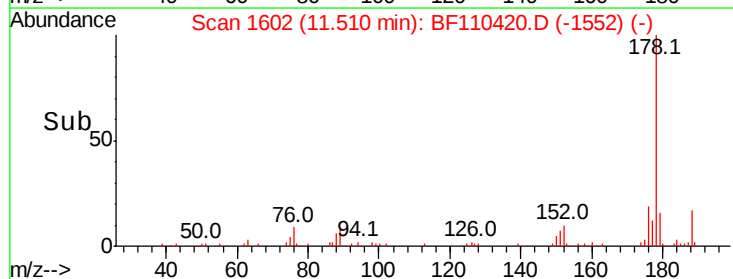
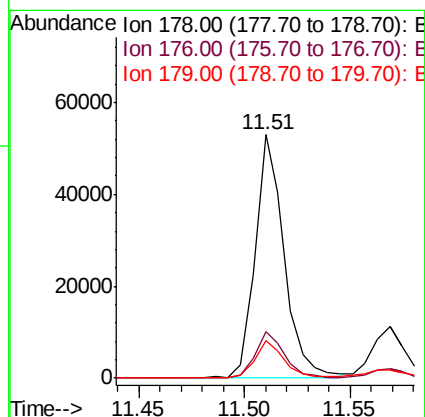
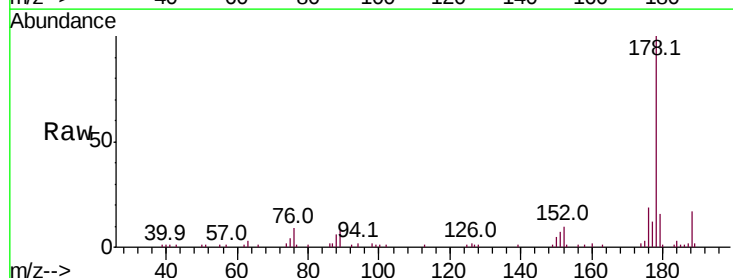
RT: 11.51 min Scan# 1602

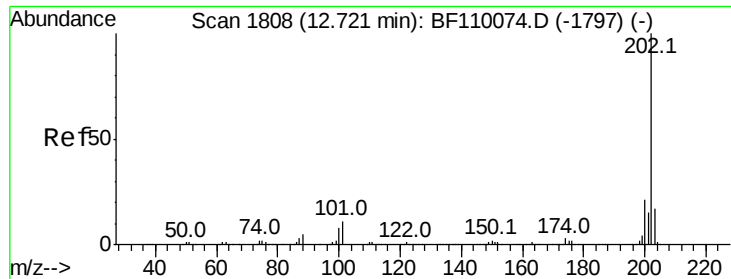
Delta R.T. -0.01 min

Lab File: BF110420.D

Acq: 2 Nov 2018 19:06

Tgt Ion:	178	Resp:	50526
Ion Ratio	Lower	Upper	
178	100		
176	19.1	15.5	23.3
179	15.5	12.5	18.7





#75

Fluoranthene

Concen: 4.114 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF110420.D

Acq: 2 Nov 2018 19:06

Instrument :

BNA_F

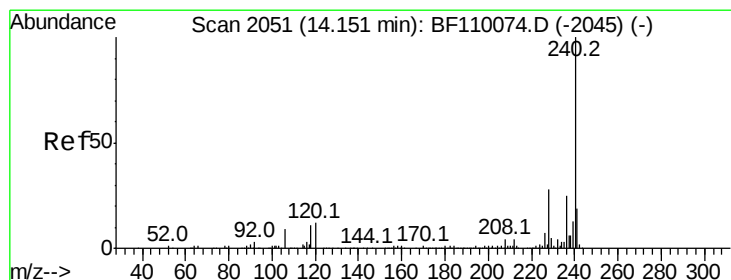
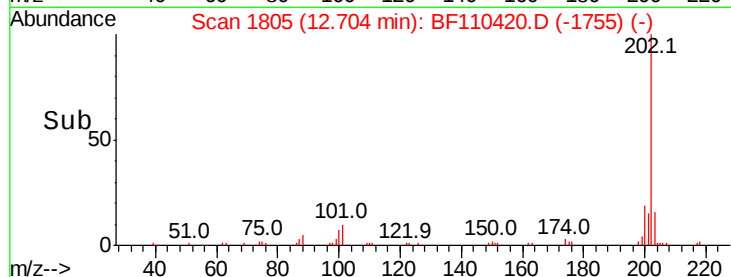
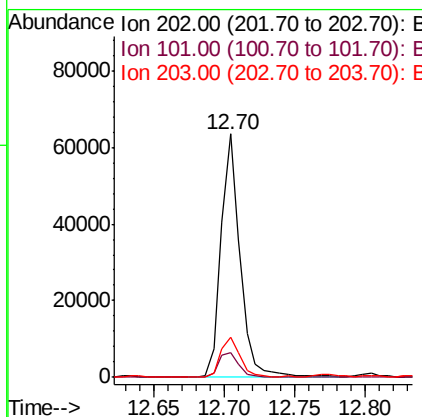
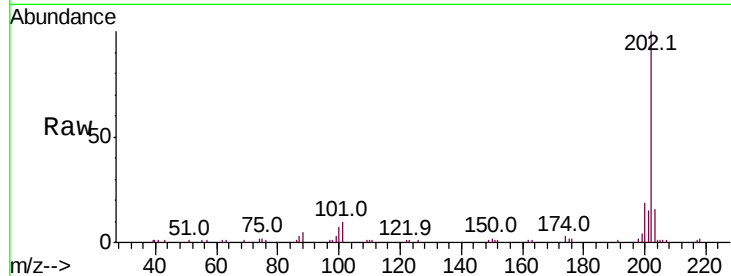
ClientSampleId :

TP-5

Tot Ion:	202	Resp:	60010
Ion Ratio	Lower	Upper	
202	100		
101	10.1	0.0	31.4
203	16.3	0.0	37.7

Manual Integrations
APPROVED

Sohil
11/5/2018 10:32:45 AM



#76

Chrysene-d12

Concen: 20.000 ng

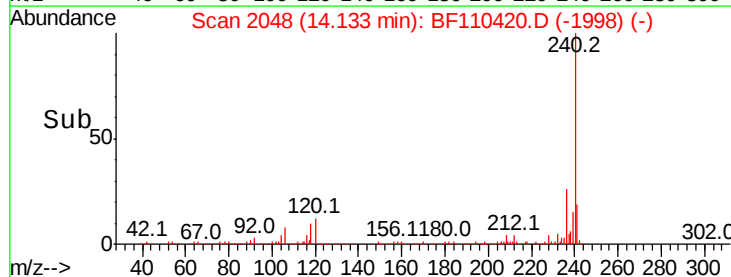
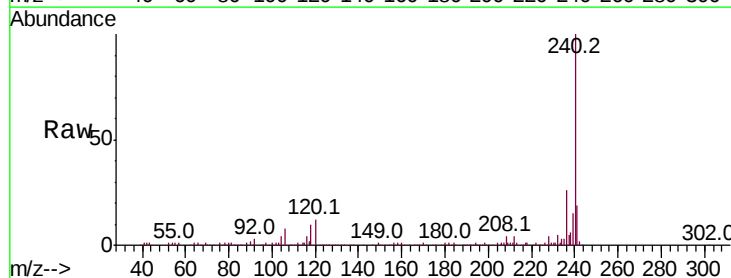
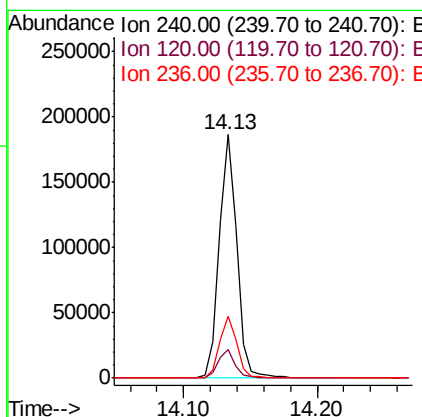
RT: 14.13 min Scan# 2048

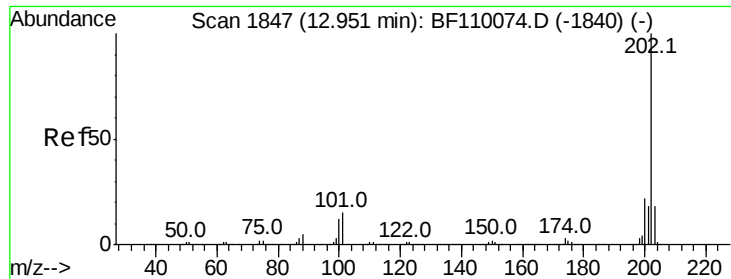
Delta R.T. -0.01 min

Lab File: BF110420.D

Acq: 2 Nov 2018 19:06

Tgt Ion:	240	Resp:	174704
Ion Ratio	Lower	Upper	
240	100		
120	11.5	8.3	12.5
236	25.6	21.2	31.8





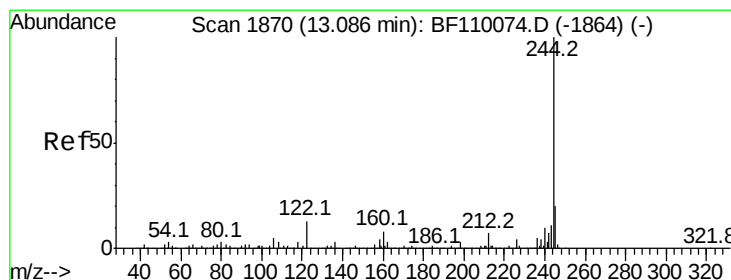
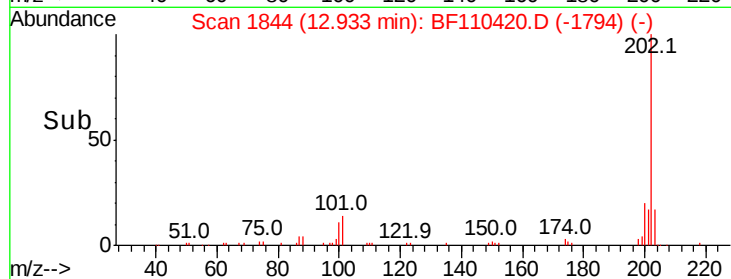
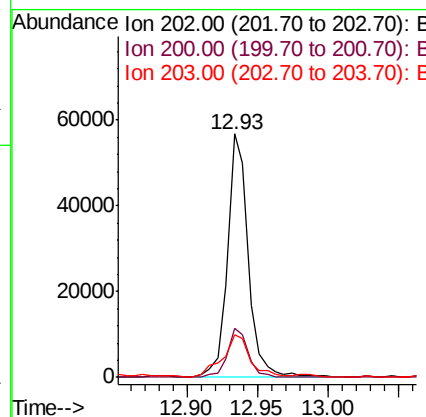
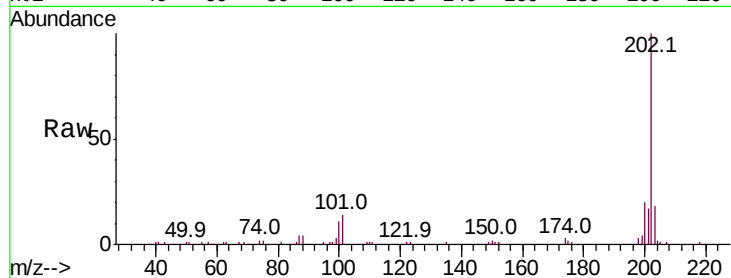
#78
Pvrene
Concen: 4.643 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BF110420.D
Acq: 2 Nov 2018 19:06

Instrument :
BNA_F
ClientSampleId :
TP-5

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.8	26.6
203	17.7	14.2	21.4

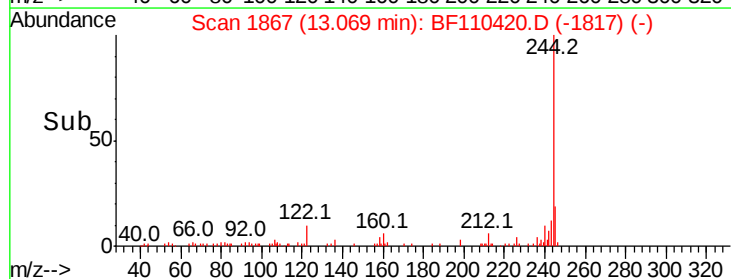
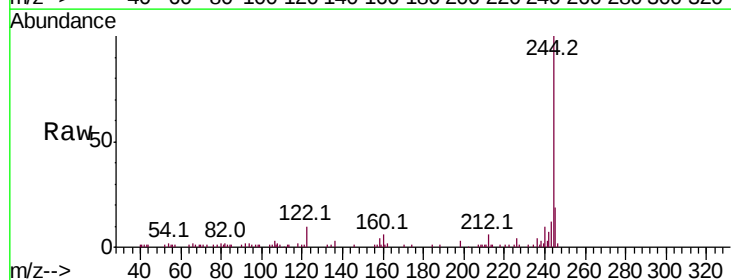
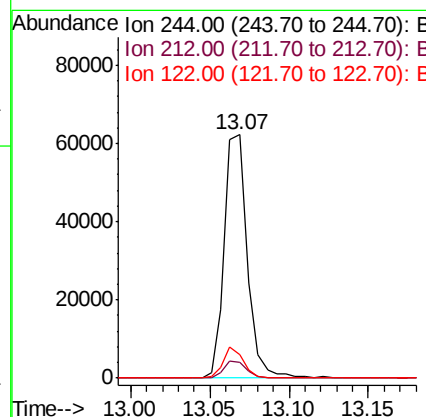
Manual Integrations
APPROVED

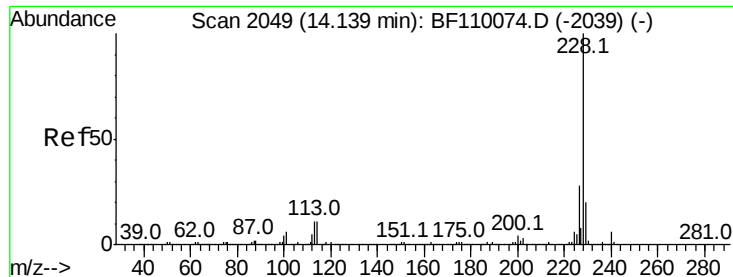
Sohil
11/5/2018 10:32:45 AM



#79
Terphenyl-d14
Concen: 7.480 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF110420.D
Acq: 2 Nov 2018 19:06

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.8	8.8
122	9.8	8.7	13.1





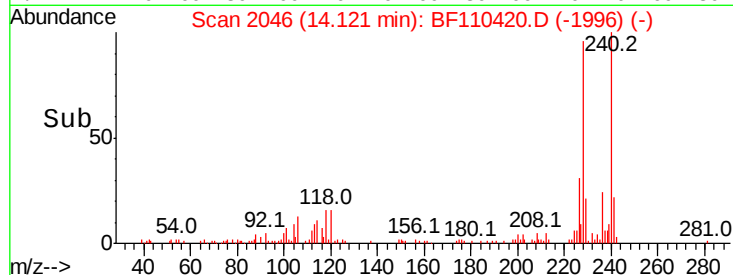
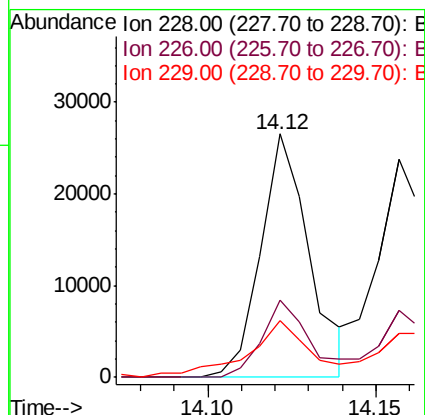
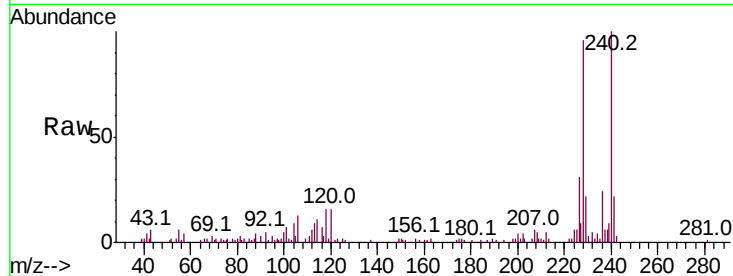
#81
Benzo(a)anthracene
Concen: 2.574 ng m
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF110420.D
Acq: 2 Nov 2018 19:06

Instrument :
BNA_F
ClientSampled :
TP-5

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.9	22.1	33.1
229	23.5	15.6	23.4

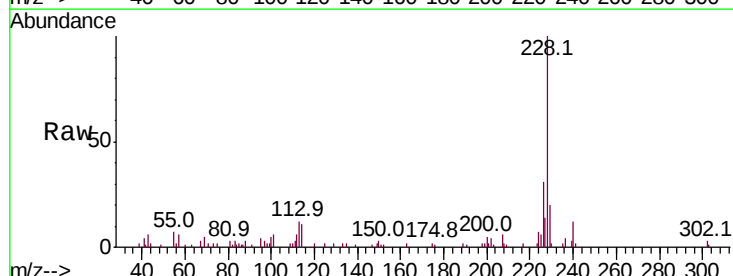
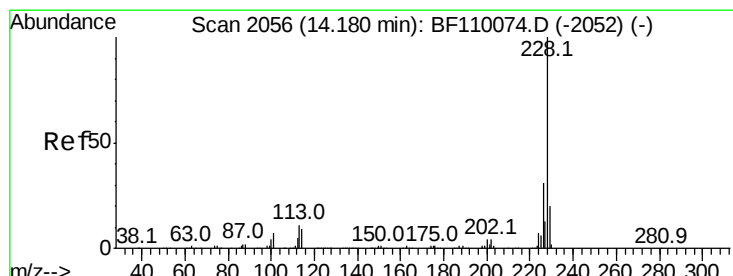
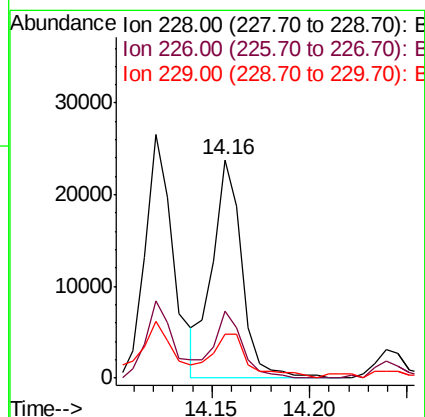
Manual Integrations
APPROVED

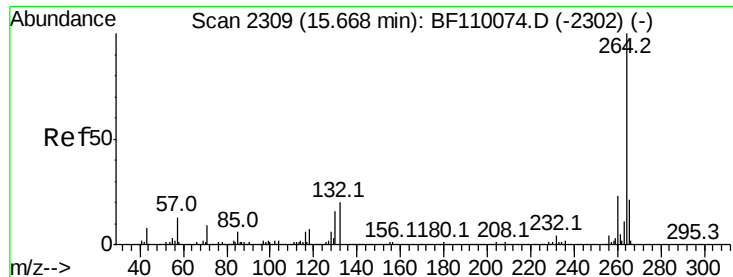
Sohil
11/5/2018 10:32:45 AM



#83
Chrysene
Concen: 2.563 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110420.D
Acq: 2 Nov 2018 19:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.7	37.1
229	20.4	15.9	23.9





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110420.D

Acq: 2 Nov 2018 19:06

Instrument :

BNA_F

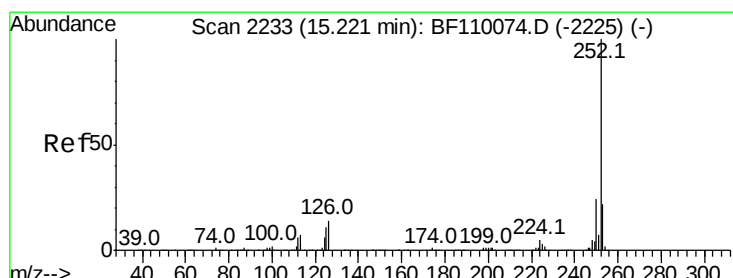
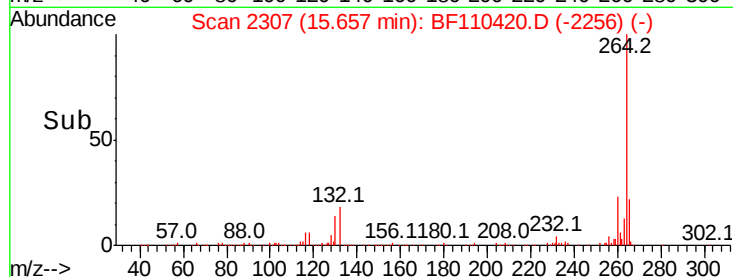
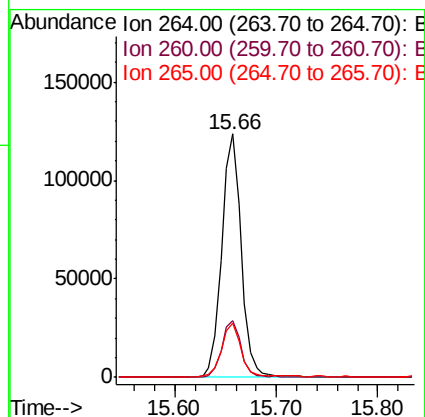
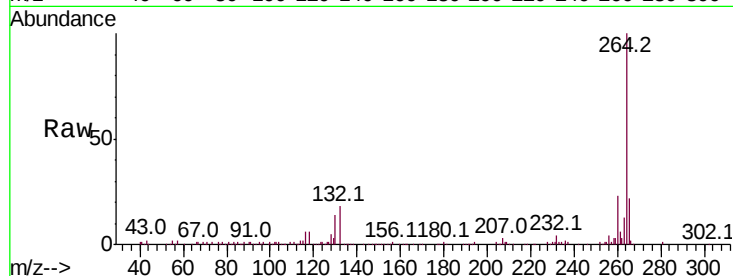
ClientSampled :

TP-5

Tot Ion:	264	Resp:	165426
Ion Ratio	Lower	Upper	
264	100		
260	23.2	18.7	28.1
265	22.2	16.7	25.1

Manual Integrations
APPROVED

Sohil
11/5/2018 10:32:45 AM



#88

Benzo(b)fluoranthene

Concen: 3.192 ng m

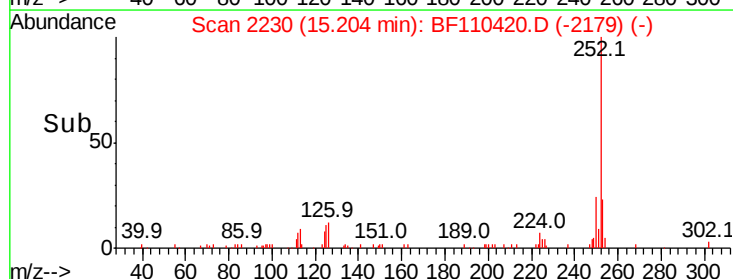
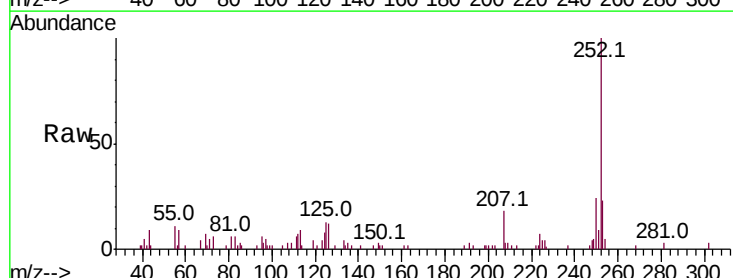
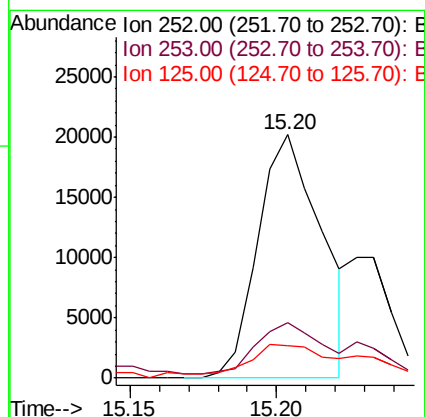
RT: 15.20 min Scan# 2230

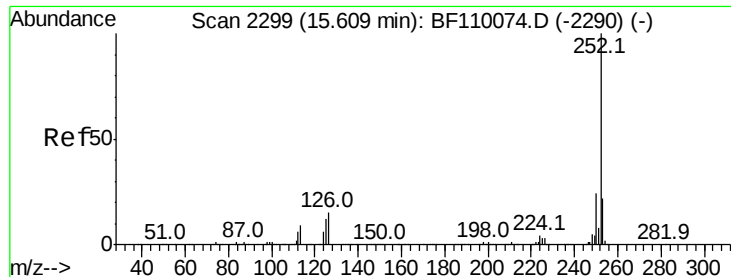
Delta R.T. 0.00 min

Lab File: BF110420.D

Acq: 2 Nov 2018 19:06

Tgt Ion:	252	Resp:	30497
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.2	25.8
125	13.4	8.2	12.4#





#90

Benzo(a)pyrene

Concen: 2.831 ng

RT: 15.59 min Scan# 2295

Delta R.T. -0.01 min

Lab File: BF110420.D

Acq: 2 Nov 2018 19:06

Instrument :

BNA_F

ClientSampleId :

TP-5

Tot Ion:	252	Resp:	24884
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.2	27.4
125	13.2	9.0	13.6

Manual Integrations
APPROVED

Sohil
11/5/2018 10:32:45 AM

