

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
 Data File : BF110648.D
 Acq On : 10 Nov 2018 00:47
 Operator : JU/SJ
 Sample : J5887-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-1-S

Manual Integrations
 APPROVED

Sohil
 11/12/2018 10:30:28 AM

Quant Time: Nov 11 04:05:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 09 15:13:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	85325	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	338505	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	140320	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	212577	20.00	ng	0.00
76) Chrysene-d12	14.13	240	150391	20.00	ng	-0.01
87) Perylene-d12	15.66	264	116895	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	604615	115.10	ng	0.00
7) Phenol-d6	6.57	99	849049	126.40	ng	0.00
23) Nitrobenzene-d5	7.51	82	548182	93.26	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	127863	90.43	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	925654	94.21	ng	0.00
79) Terphenyl-d14	13.06	244	629304	78.36	ng	0.00
Target Compounds						
10) Phenol	6.59	94	49854	6.401	ng	Qvalue # 65
50) Dimethylphthalate	9.69	163	45752	4.370	ng	99
71) Phenanthrene	11.50	178	63508	5.576	ng	98
75) Fluoranthene	12.70	202	49918	4.372	ng	98
78) Pyrene	12.93	202	42297	3.653	ng	97
88) Benzo(b)fluoranthene	15.20	252	14333m	2.050	ng	

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

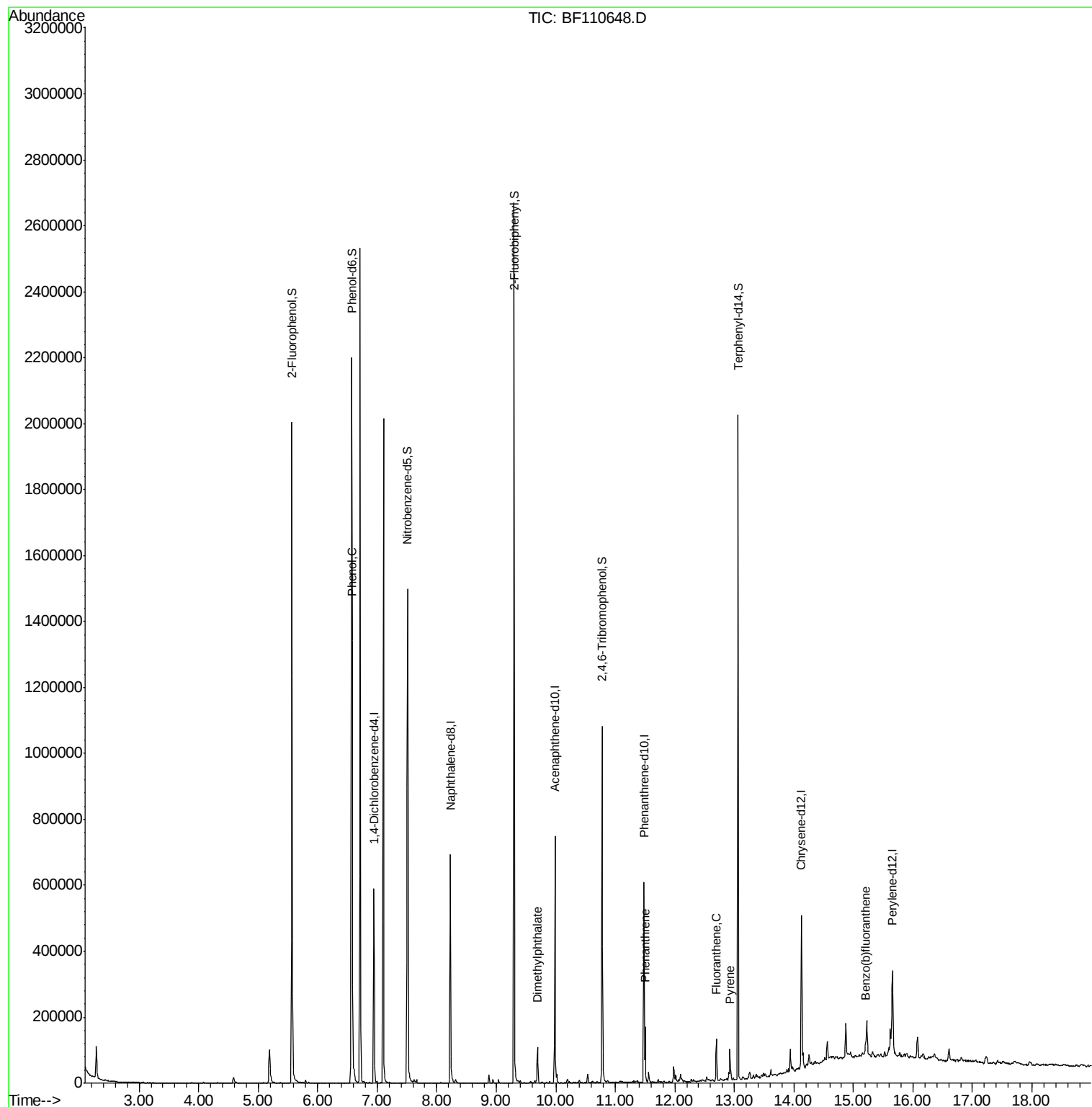
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110648.D
Acq On : 10 Nov 2018 00:47
Operator : JU/SJ
Sample : J5887-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-1-S

Manual Integrations
APPROVED

Sohil
11/12/2018 10:30:28 AM

Quant Time: Nov 11 04:05:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 09 15:13:13 2018
Response via : Initial Calibration





#1

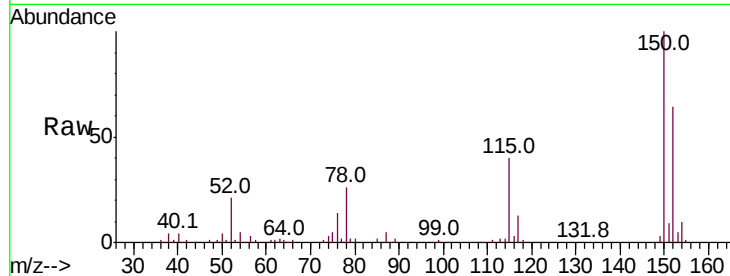
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110648.D
Acq: 10 Nov 2018 00:47

Instrument :
BNA_F
ClientSampleId :
W-1-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	122.7	184.1
115	62.9	49.1	73.7

Manual Integrations
APPROVED

Sohil
11/12/2018 10:30:28 AM

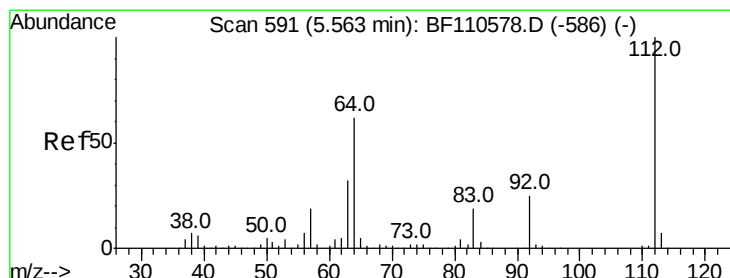
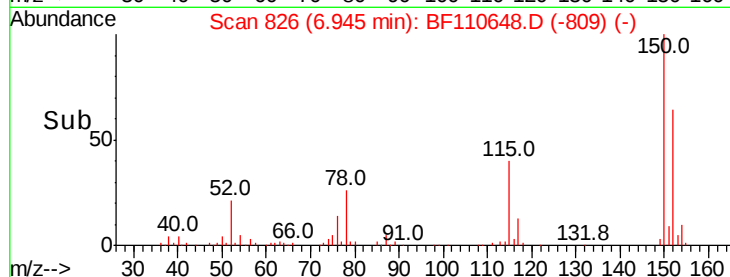
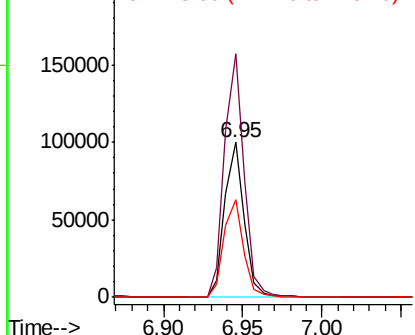


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

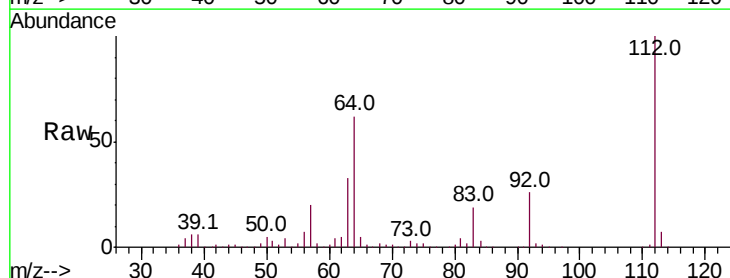
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 115.099 ng
RT: 5.57 min Scan# 592
Delta R.T. 0.01 min
Lab File: BF110648.D
Acq: 10 Nov 2018 00:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.1	44.1	66.1
63	32.6	23.7	35.5

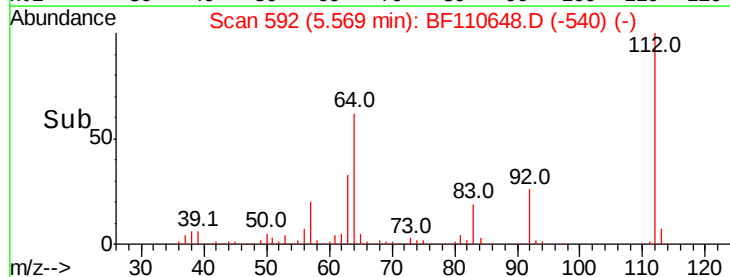
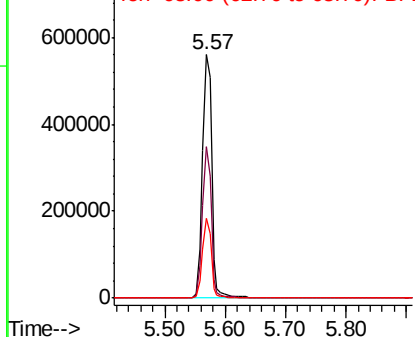


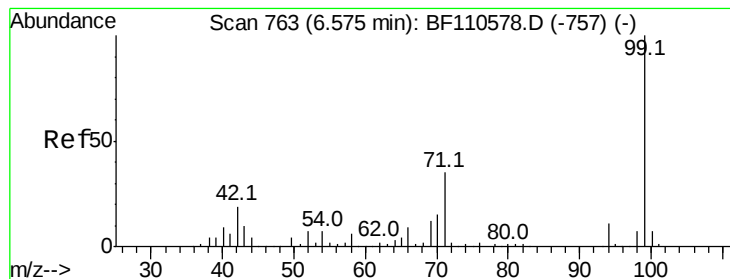
Abundance

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: 126.397 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF110648.D

Acq: 10 Nov 2018 00:47

Instrument :

BNA_F

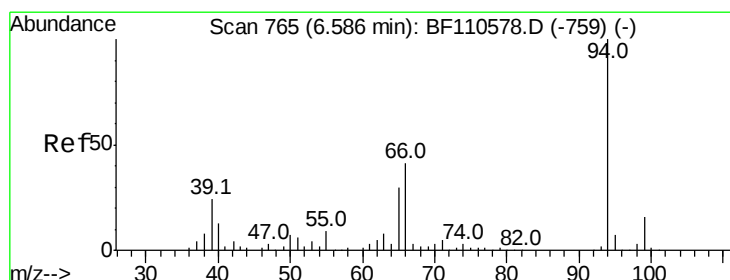
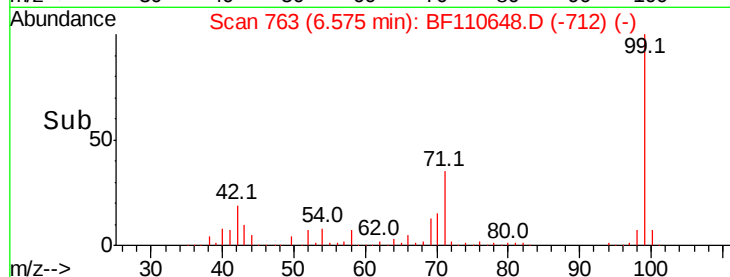
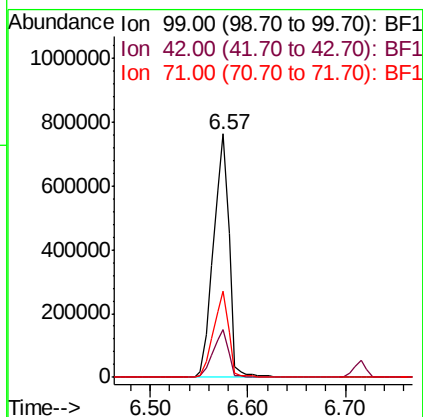
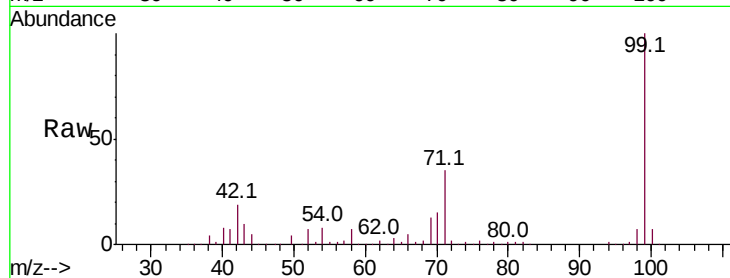
ClientSampled :

W-1-S

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		849049		
42	19.4	15.8	23.6		
71	35.4	28.0	42.0		

Manual Integrations
APPROVED

Sohil
11/12/2018 10:30:28 AM



#10

Phenol

Concen: 6.401 ng

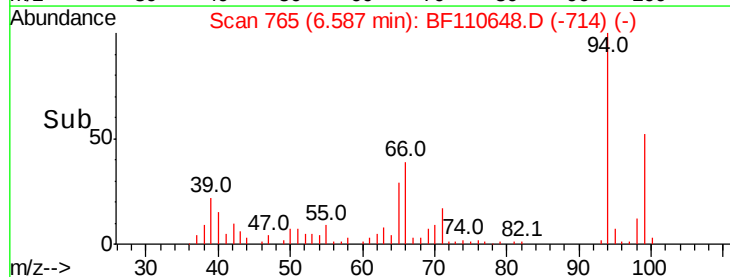
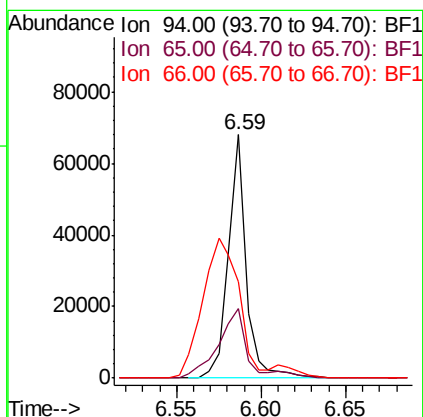
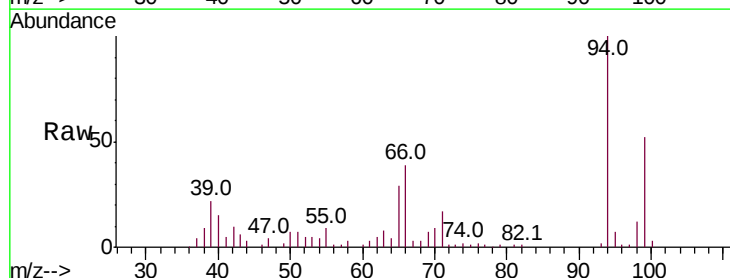
RT: 6.59 min Scan# 765

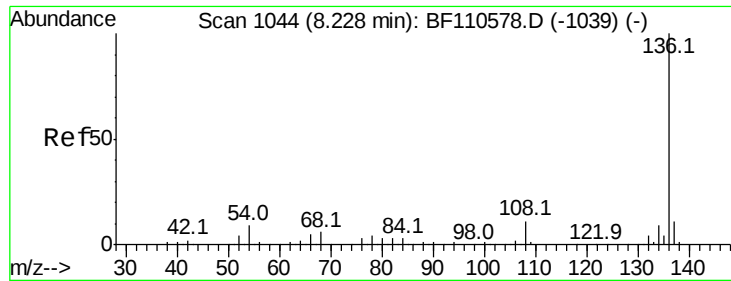
Delta R.T. 0.00 min

Lab File: BF110648.D

Acq: 10 Nov 2018 00:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		49854		
65	28.8	25.3	65.3		
66	39.4	54.5	94.5#		





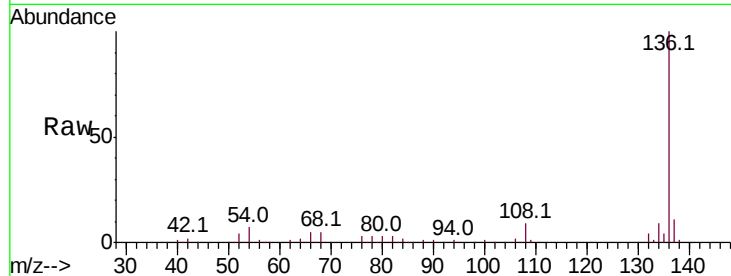
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110648.D
Acq: 10 Nov 2018 00:47

Instrument :
BNA_F
ClientSampleId :
W-1-S

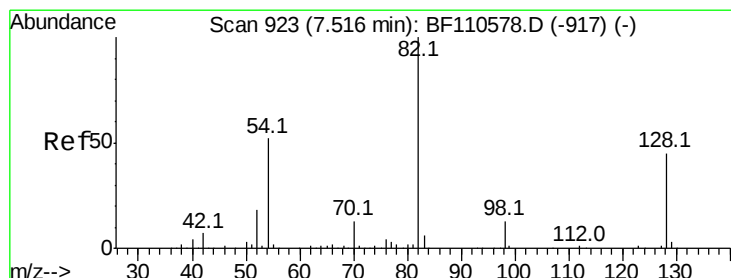
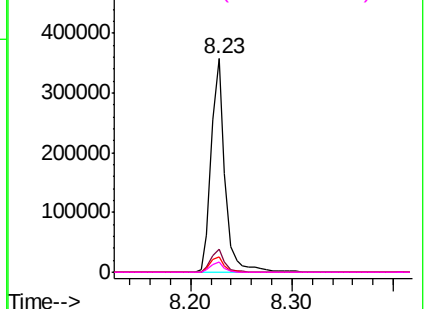
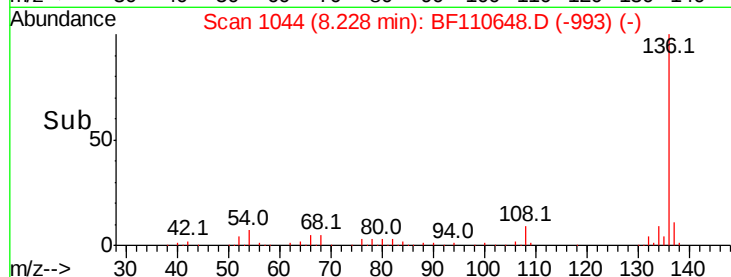
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.8	13.2	
54	7.3	5.4	8.2	
68	4.7	4.2	6.2	

Manual Integrations
APPROVED

Sohil
11/12/2018 10:30:28 AM

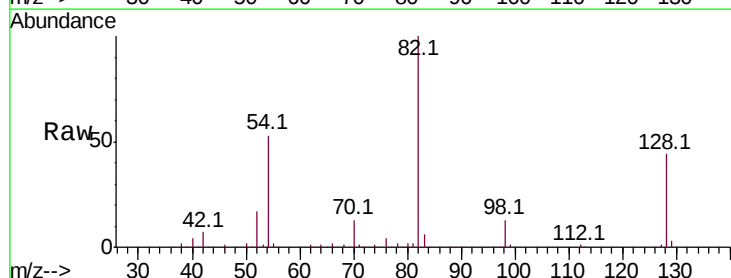


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

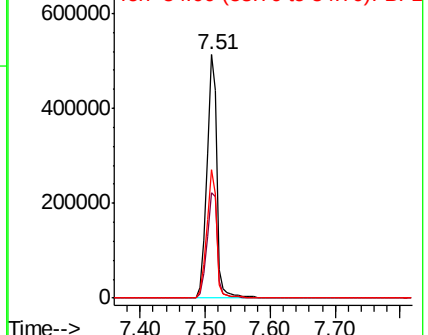
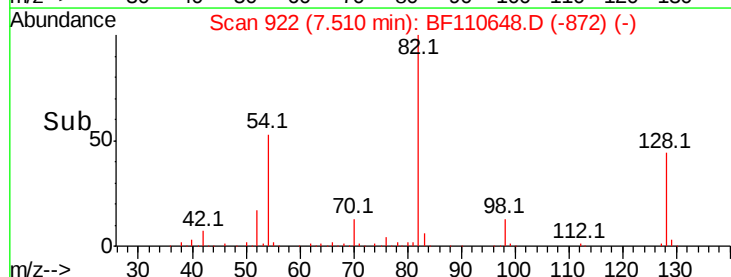


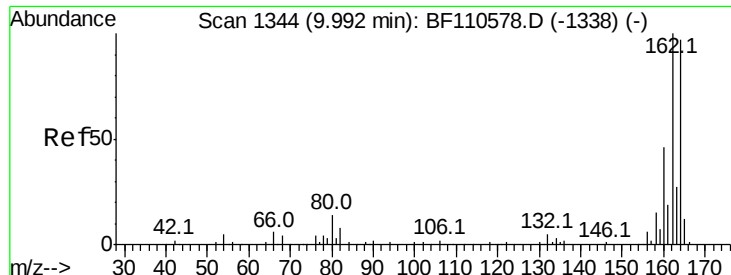
#23
Nitrobenzene-d5
Concen: 93.262 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110648.D
Acq: 10 Nov 2018 00:47

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.5	34.2	51.2	
54	52.9	38.6	58.0	



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





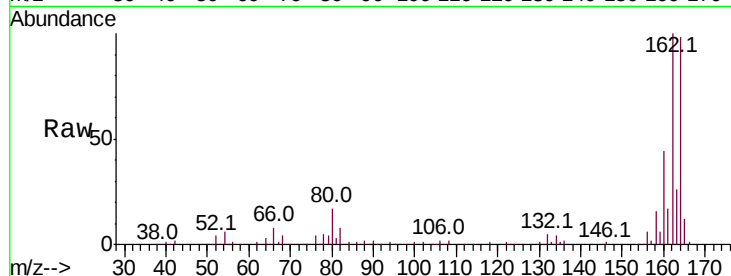
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110648.D
Acq: 10 Nov 2018 00:47

Instrument :
BNA_F
ClientSampleId :
W-1-S

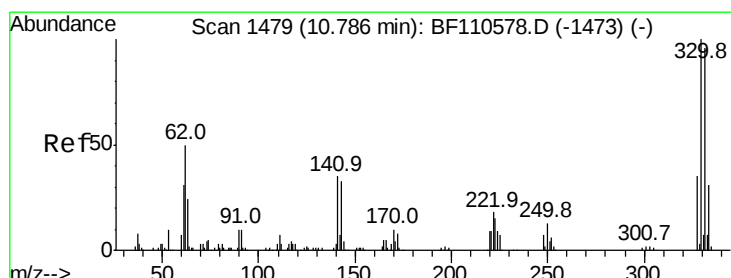
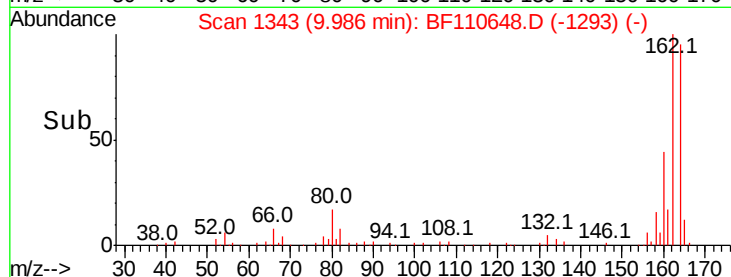
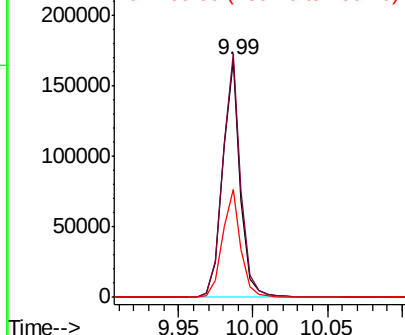
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.5	83.0	124.6	
160	45.2	37.0	55.6	

Manual Integrations
APPROVED

Sohil
11/12/2018 10:30:28 AM



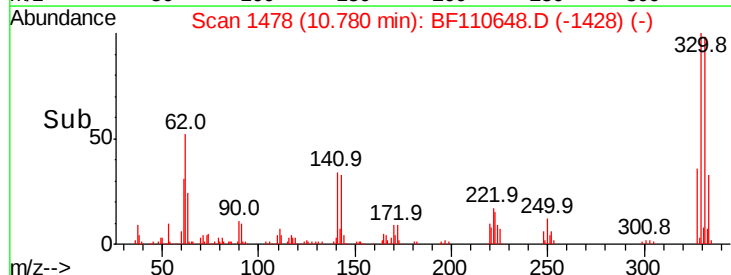
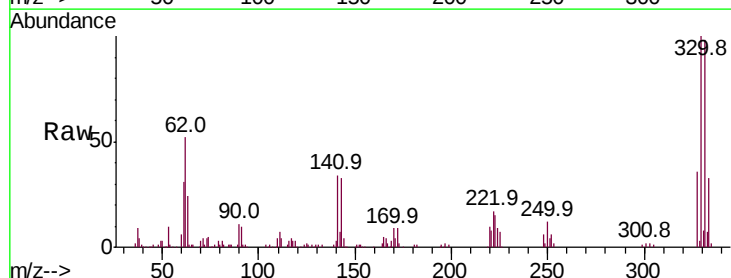
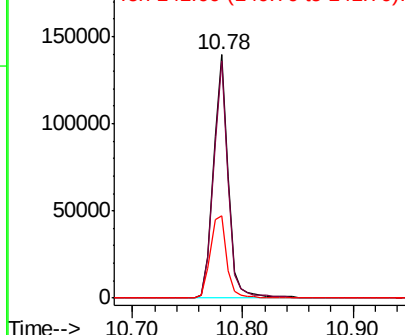
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

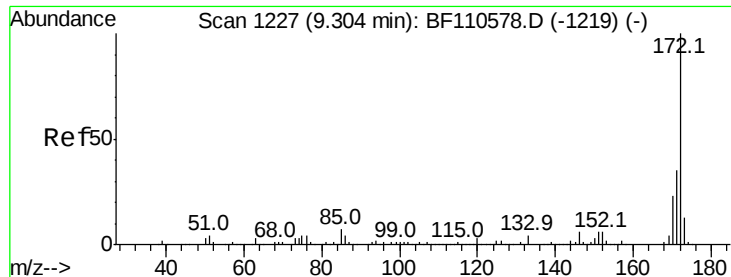


#42
2,4,6-Tribromophenol
Concen: 90.433 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110648.D
Acq: 10 Nov 2018 00:47

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.4	77.1	115.7	
141	37.8	27.0	40.4	

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





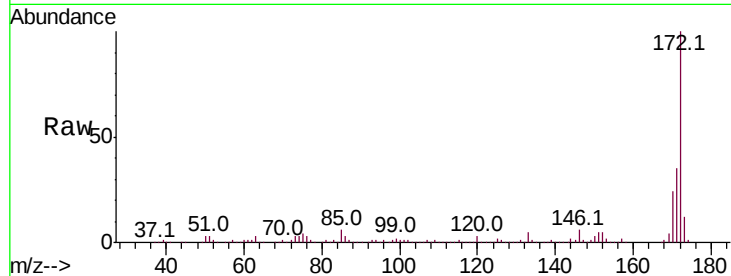
#45
2-Fluorobiphenyl
Concen: 94.213 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF110648.D
Acq: 10 Nov 2018 00:47

Instrument :
BNA_F
ClientSampleId :
W-1-S

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.3	28.6	43.0	
170	23.7	19.7	29.5	

Manual Integrations
APPROVED

Sohil
11/12/2018 10:30:28 AM

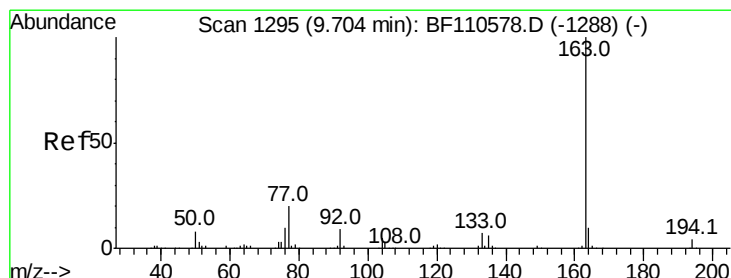
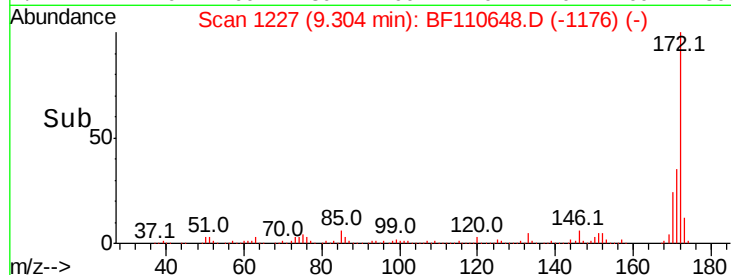
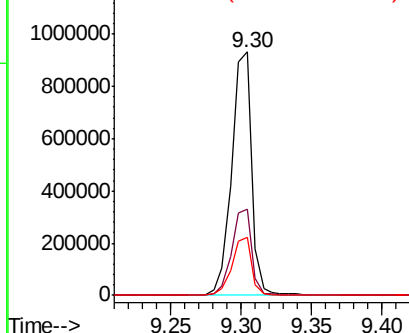


Abundance

Ion 172.00 (171.70 to 172.70): E

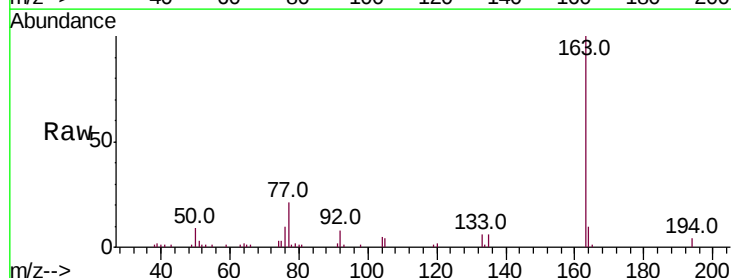
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 4.370 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110648.D
Acq: 10 Nov 2018 00:47

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.8	3.2	4.8	
164	9.5	8.1	12.1	

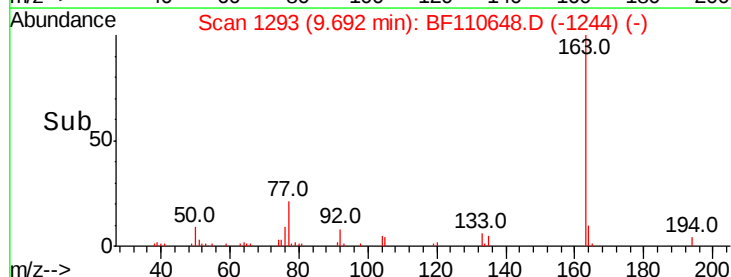
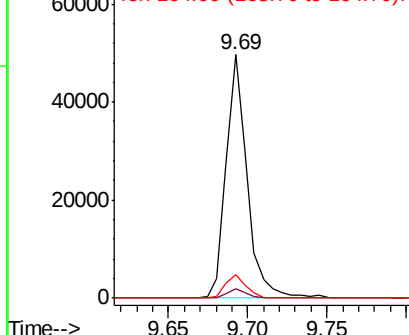


Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF110648.D

Acq: 10 Nov 2018 00:47

Instrument :

BNA_F

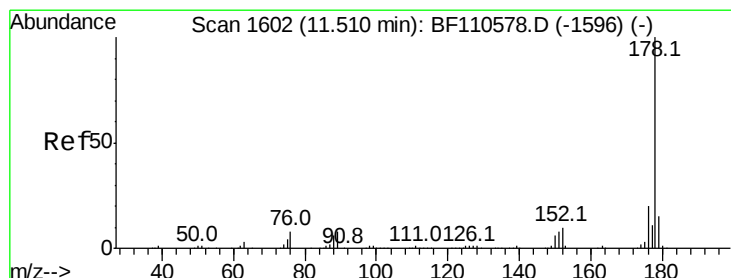
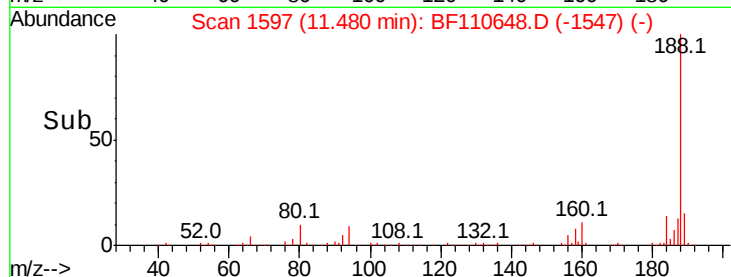
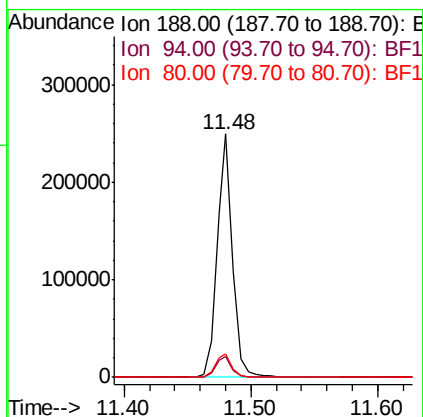
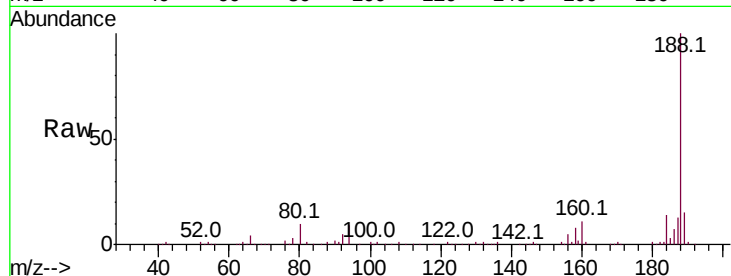
ClientSampled :

W-1-S

Tot Ion:	188	Resp:	212577
Ion Ratio	Lower	Upper	
188	100		
94	8.8	7.2	10.8
80	9.7	7.9	11.9

Manual Integrations
APPROVED

Sohil
11/12/2018 10:30:28 AM



#71

Phenanthrene

Concen: 5.576 ng

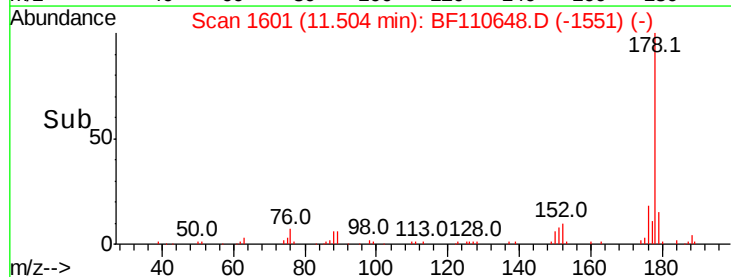
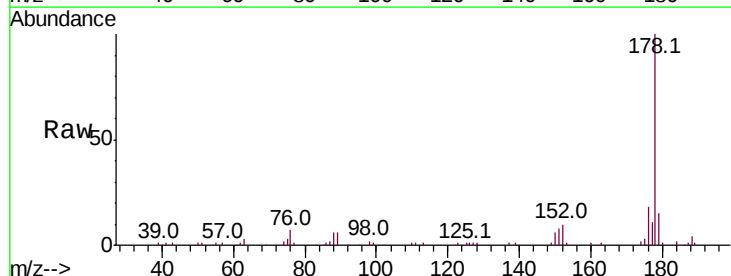
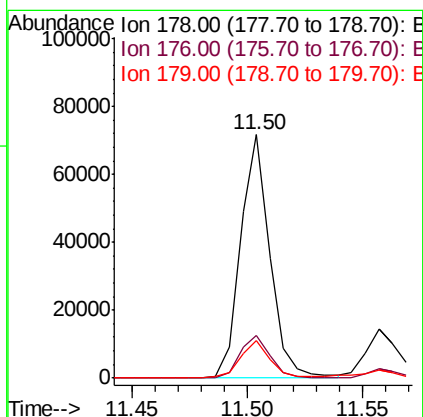
RT: 11.50 min Scan# 1601

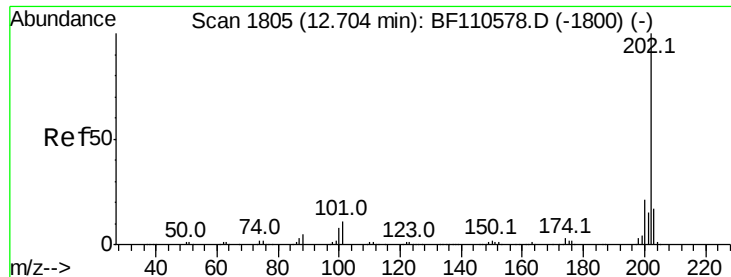
Delta R.T. -0.01 min

Lab File: BF110648.D

Acq: 10 Nov 2018 00:47

Tgt Ion:	178	Resp:	63508
Ion Ratio	Lower	Upper	
178	100		
176	17.7	15.5	23.3
179	15.2	12.5	18.7





#75

Fluoranthene

Concen: 4.372 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF110648.D

Acq: 10 Nov 2018 00:47

Instrument :

BNA_F

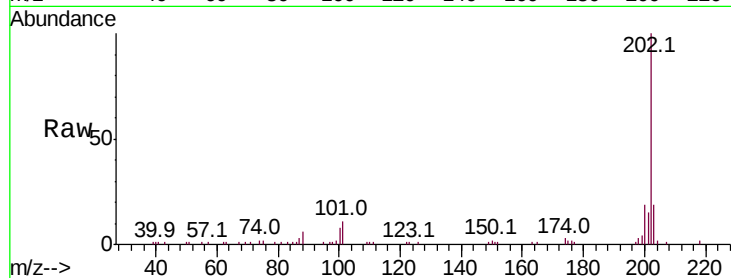
ClientSampled :

W-1-S

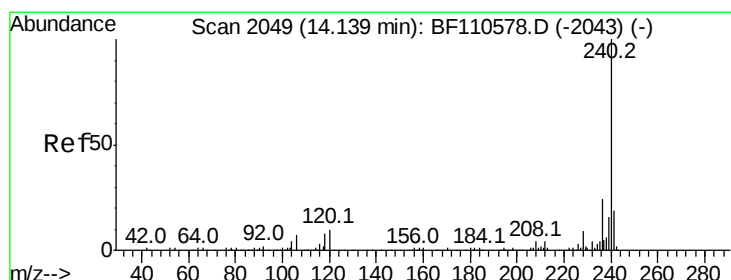
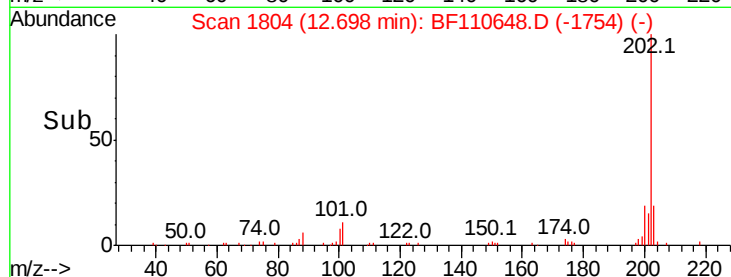
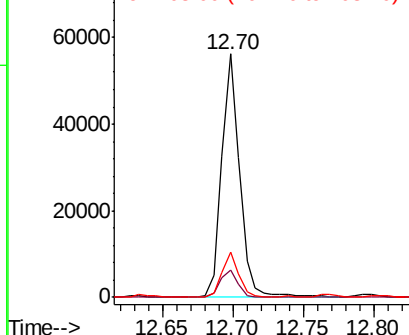
Tot Ion:	202	Resp:	49918
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	31.4
203	18.8	0.0	37.7

Manual Integrations
APPROVED

Sohil
11/12/2018 10:30:28 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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2047

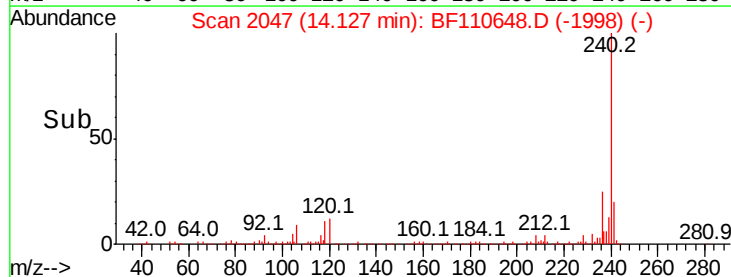
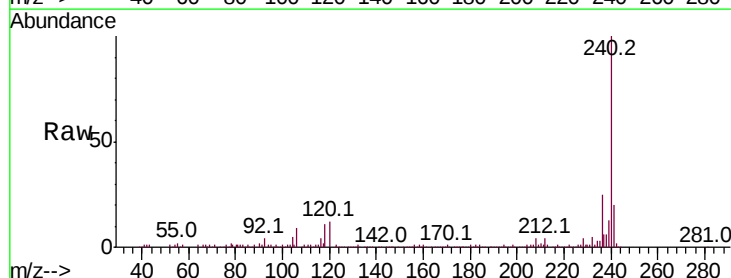
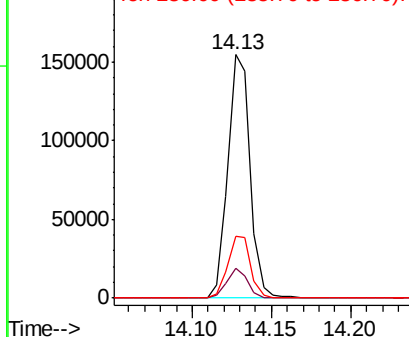
Delta R.T. -0.01 min

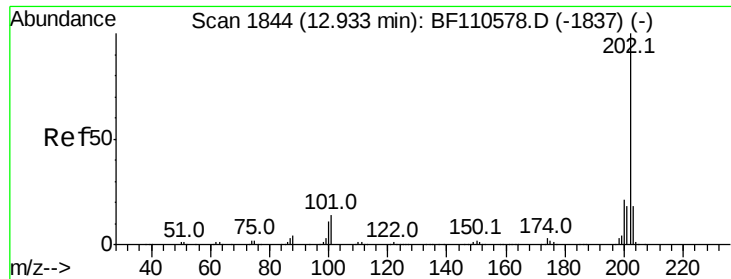
Lab File: BF110648.D

Acq: 10 Nov 2018 00:47

Tgt Ion:	240	Resp:	150391
Ion Ratio	Lower	Upper	
240	100		
120	12.4	8.3	12.5
236	25.4	21.2	31.8

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





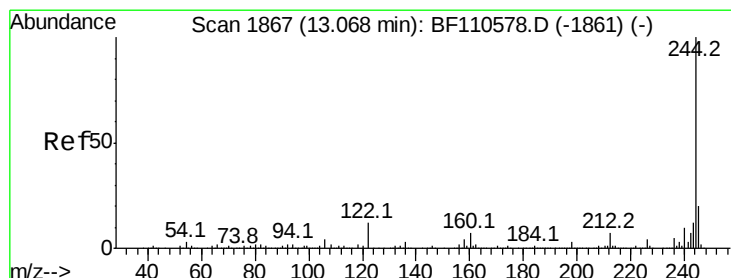
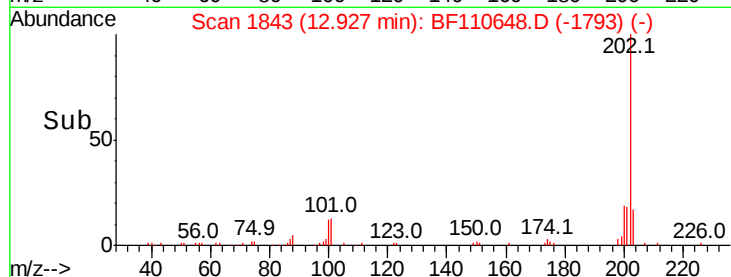
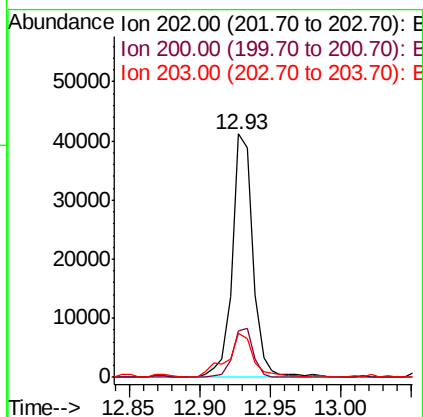
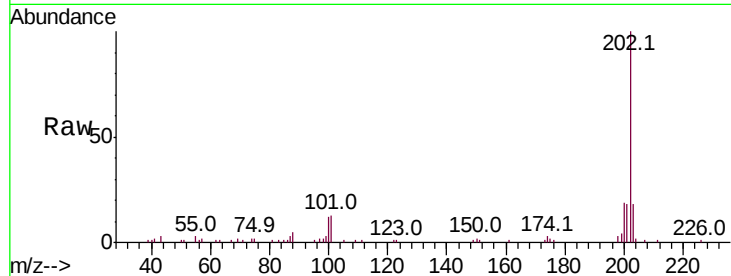
#78
Pvrene
Concen: 3.653 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF110648.D
Acq: 10 Nov 2018 00:47

Instrument :
BNA_F
ClientSampled :
W-1-S

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.2	17.8	26.6
203	17.9	14.2	21.4

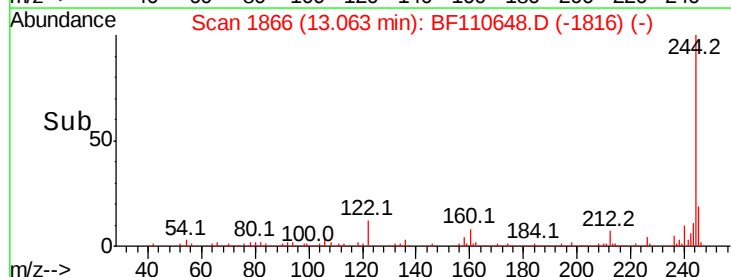
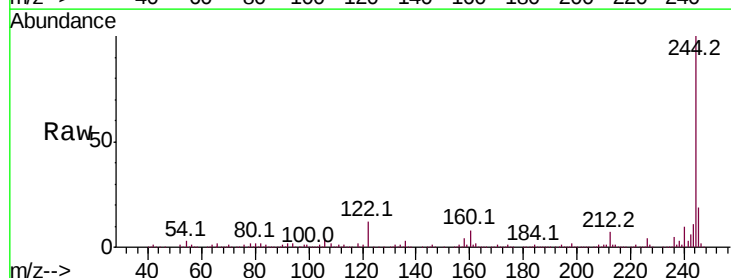
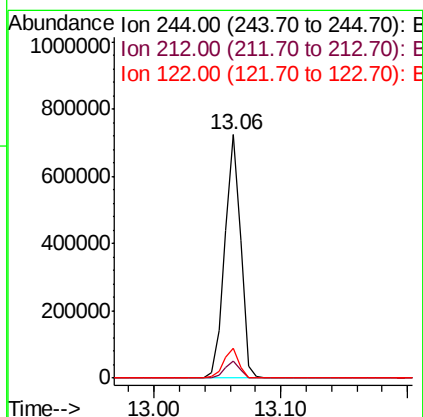
Manual Integrations
APPROVED

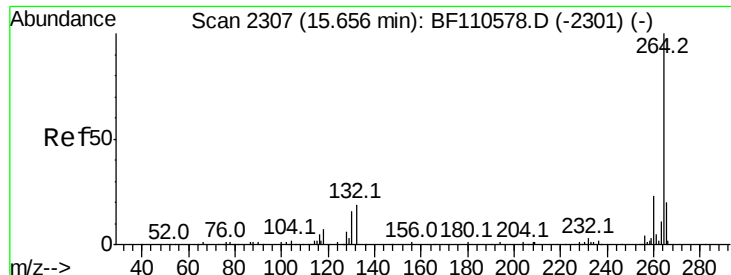
Sohil
11/12/2018 10:30:28 AM



#79
Terphenyl-d14
Concen: 78.365 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110648.D
Acq: 10 Nov 2018 00:47

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	12.2	8.7	13.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110648.D

Acq: 10 Nov 2018 00:47

Instrument :

BNA_F

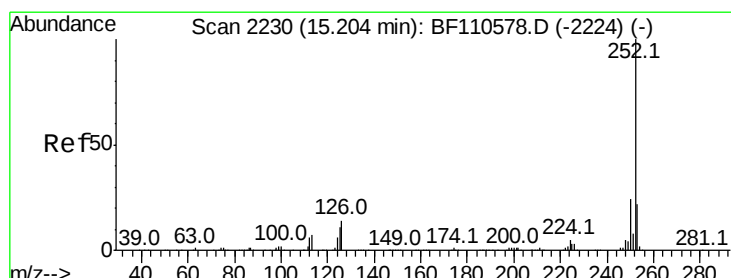
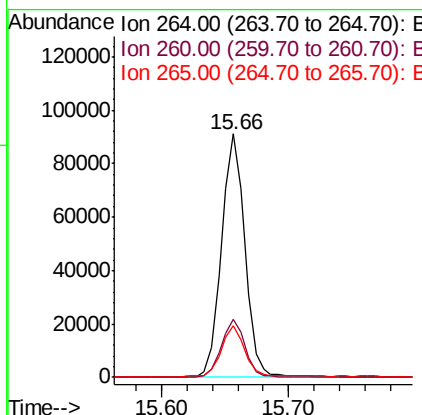
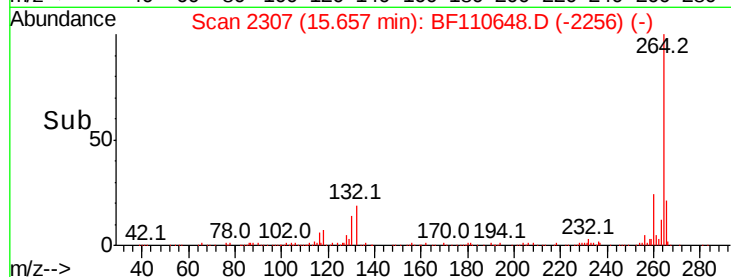
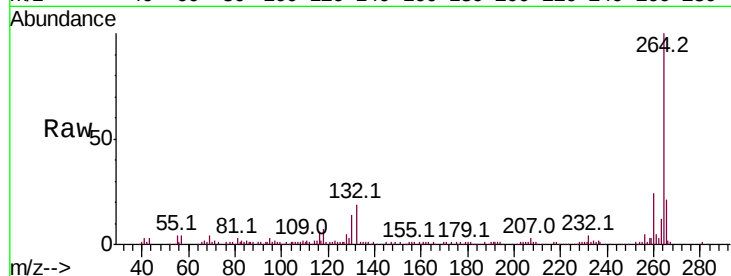
ClientSampleId :

W-1-S

Tot Ion:	264	Resp:	116895
Ion Ratio	Lower	Upper	
264	100		
260	23.9	18.7	28.1
265	21.3	16.7	25.1

Manual Integrations
APPROVED

Sohil
11/12/2018 10:30:28 AM



#88

Benzo(b)fluoranthene

Concen: 2.050 ng m

RT: 15.20 min Scan# 2230

Delta R.T. 0.00 min

Lab File: BF110648.D

Acq: 10 Nov 2018 00:47

Tgt Ion:	252	Resp:	14333
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.2	25.8
125	20.7	8.2	12.4#

