

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
 Data File : BF112911.D
 Acq On : 7 Mar 2019 5:16
 Operator : JU/SJ
 Sample : K1705-18
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PST-028-B004-022719

Manual Integrations
 APPROVED

Sohil
 3/7/2019 11:03:07 AM

Quant Time: Mar 07 05:56:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	197138	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	701761	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	290317	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	511335	20.00	ng	0.00
76) Chrysene-d12	13.86	240	537544	20.00	ng	-0.01
87) Perylene-d12	15.26	264	486783	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1434262	113.17	ng	0.00
7) Phenol-d6	6.37	99	1784042	112.07	ng	0.00
23) Nitrobenzene-d5	7.29	82	1075492	91.71	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	396156	128.54	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1541672	89.13	ng	-0.01
79) Terphenyl-d14	12.82	244	1357829	48.97	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.48	163	123769	5.782	ng	98
71) Phenanthrene	11.26	178	69968	2.750	ng	96
75) Fluoranthene	12.45	202	111931	4.107	ng	96
78) Pyrene	12.67	202	110138	2.430	ng	98
88) Benzo(b)fluoranthene	14.87	252	69773m	2.216	ng	

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

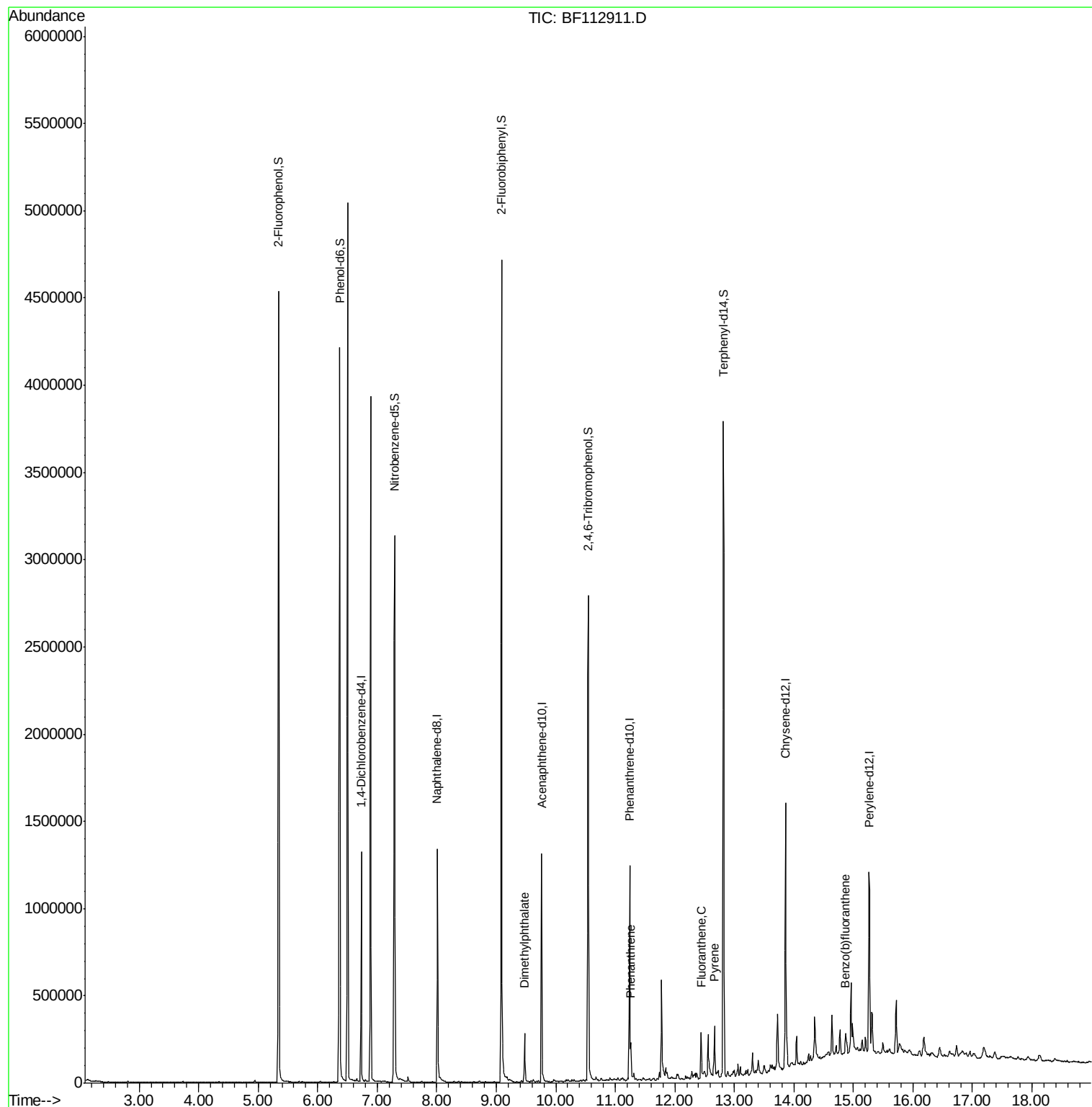
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
Data File : BF112911.D
Acq On : 7 Mar 2019 5:16
Operator : JU/SJ
Sample : K1705-18
Misc :
ALS Vial : 29 Sample Multiplier: 1

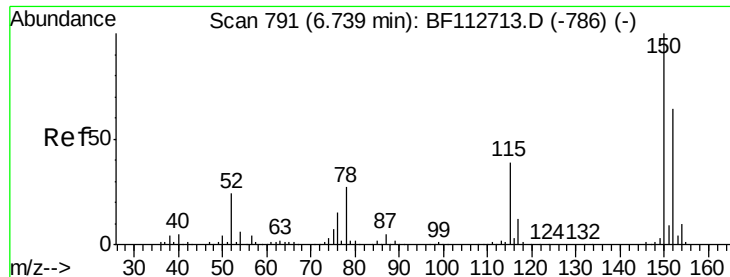
Instrument :
BNA_F
ClientSampleId :
PST-028-B004-022719

Manual Integrations
APPROVED

Sohil
3/7/2019 11:03:07 AM

Quant Time: Mar 07 05:56:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration





#1

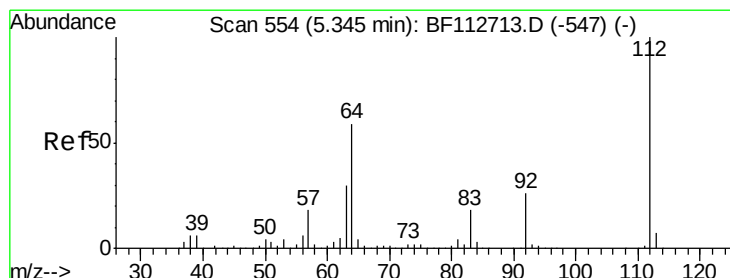
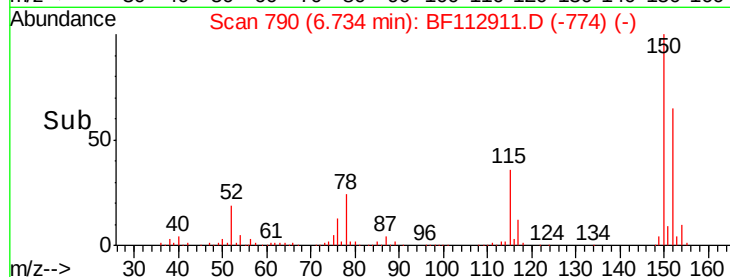
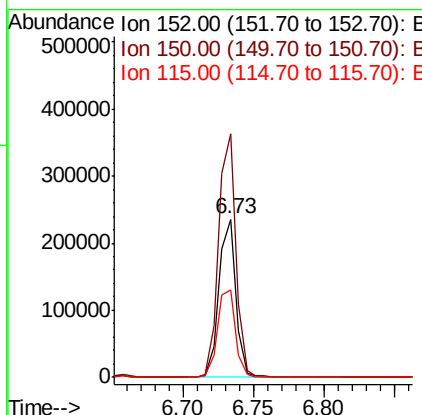
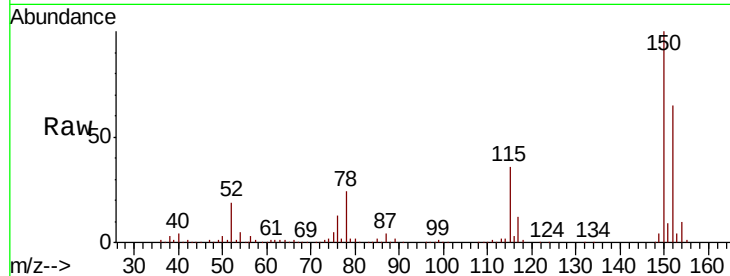
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF112911.D
Acq: 7 Mar 2019 5:16

Instrument :
BNA_F
ClientSampleId :
PST-028-B004-022719

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.2	186.2
115	55.8	48.2	72.4

Manual Integrations
APPROVED

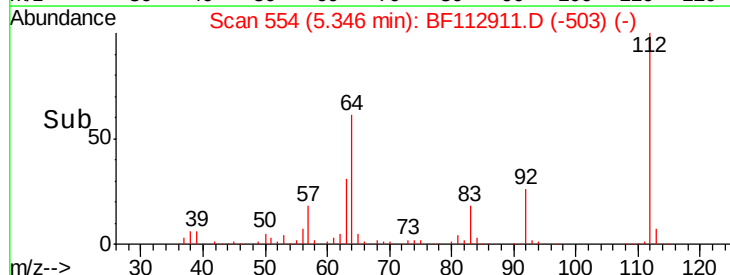
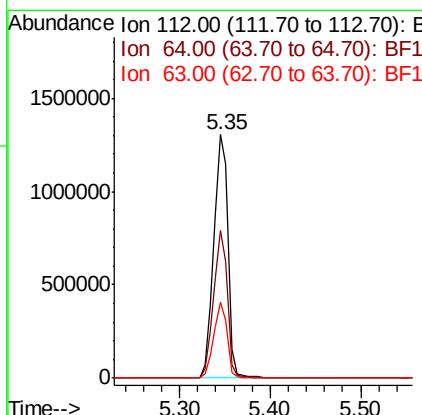
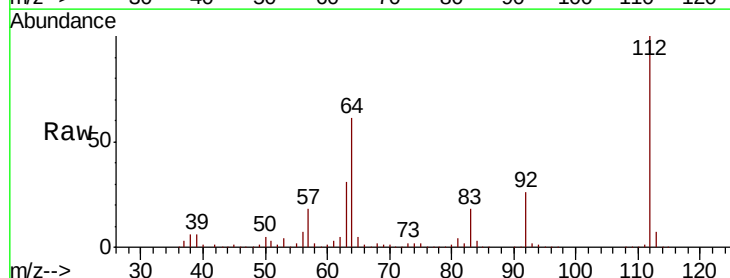
Sohil
3/7/2019 11:03:07 AM

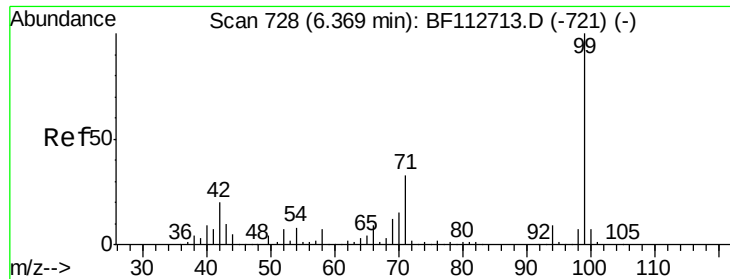


#5

2-Fluorophenol
Concen: 113.172 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF112911.D
Acq: 7 Mar 2019 5:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.6	47.6	71.4
63	31.0	24.4	36.6





#7

Phenol-d6

Concen: 112.065 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF112911.D

Acq: 7 Mar 2019 5:16

Instrument :

BNA_F

ClientSampleId :

PST-028-B004-022719

Tot Ion: 99 Resp: 1784042

Ion Ratio Lower Upper

99 100

42 19.2 16.3 24.5

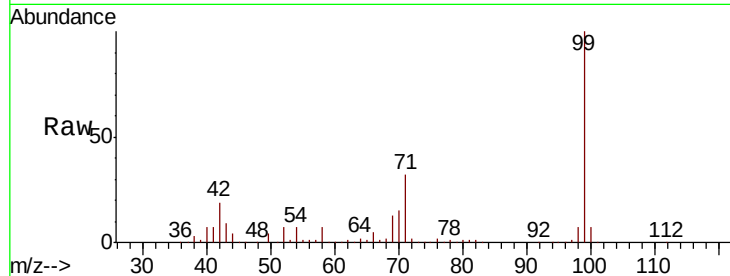
71 32.3 26.2 39.4

Manual Integrations

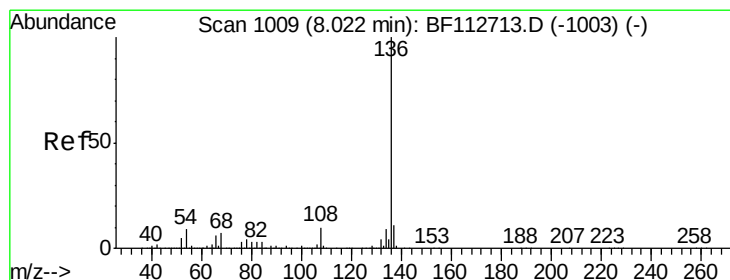
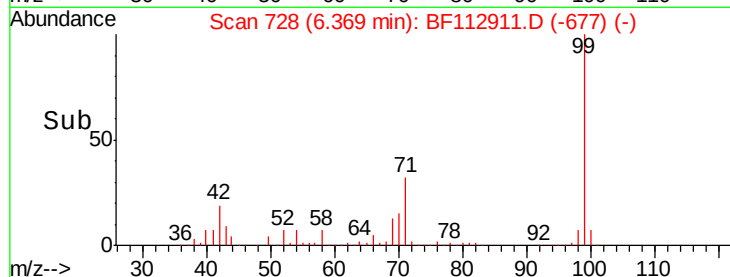
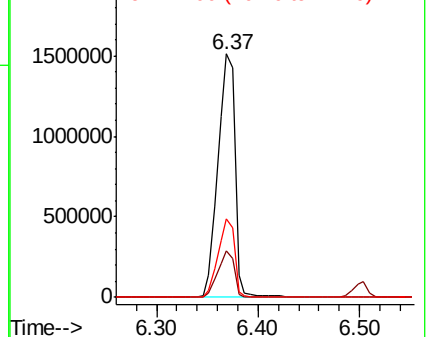
APPROVED

Sohil

3/7/2019 11:03:07 AM



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF112911.D

Acq: 7 Mar 2019 5:16

Tgt Ion: 136 Resp: 701761

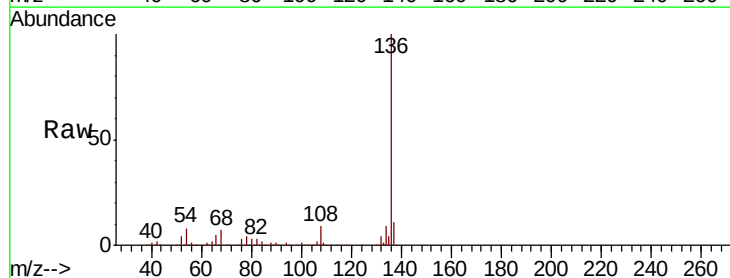
Ion Ratio Lower Upper

136 100

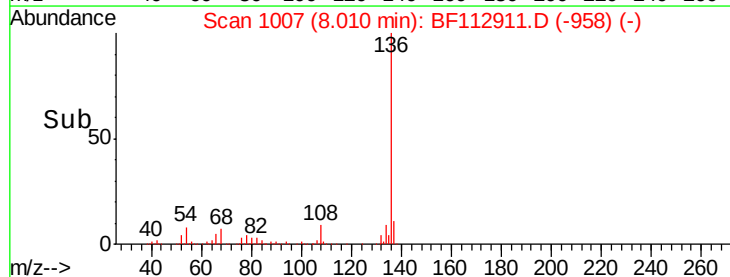
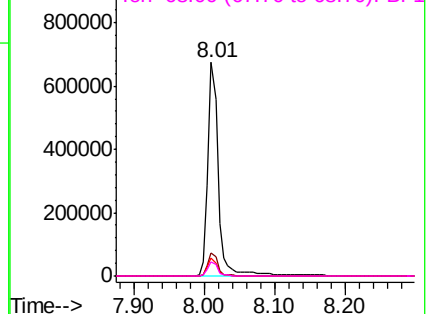
137 11.0 8.9 13.3

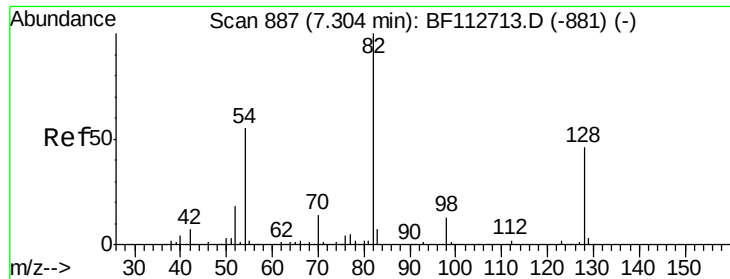
54 8.3 7.3 10.9

68 6.7 5.4 8.2



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





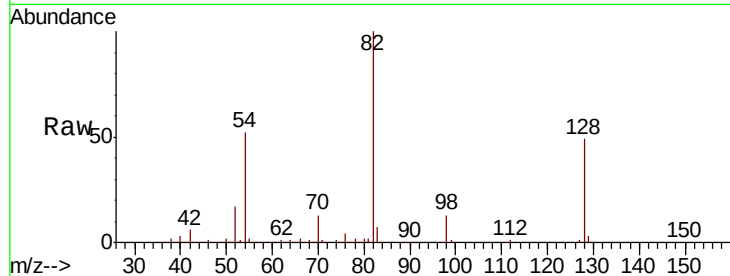
#23
Nitrobenzene-d5
Concen: 91.705 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF112911.D
Acq: 7 Mar 2019 5:16

Instrument :
BNA_F
ClientSampleId :
PST-028-B004-022719

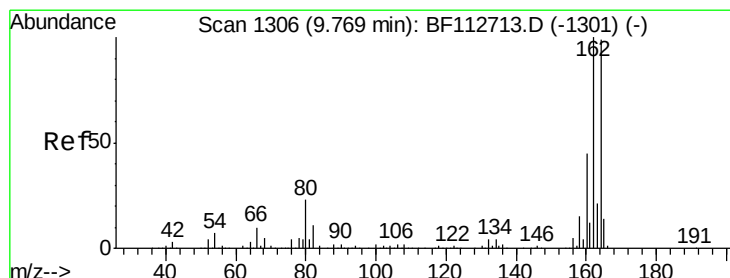
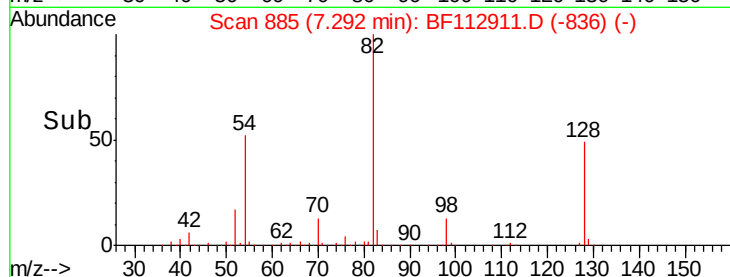
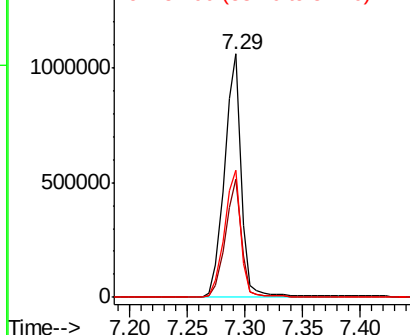
Tot Ion	Ratio	Lower	Upper
82	100		
128	48.6	36.3	54.5
54	52.2	43.7	65.5

Manual Integrations
APPROVED

Sohil
3/7/2019 11:03:07 AM

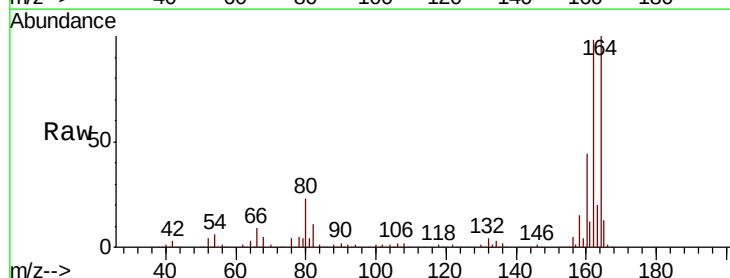


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

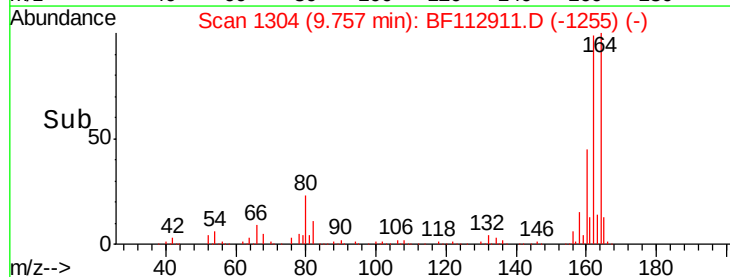
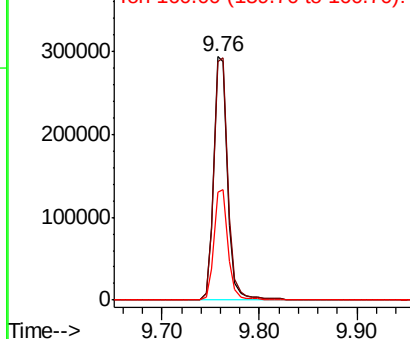


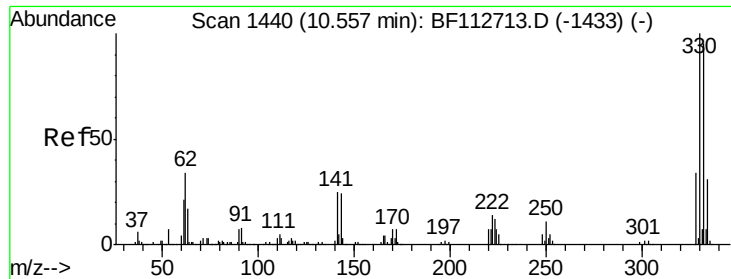
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF112911.D
Acq: 7 Mar 2019 5:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.2	80.6	120.8
160	44.3	36.0	54.0



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





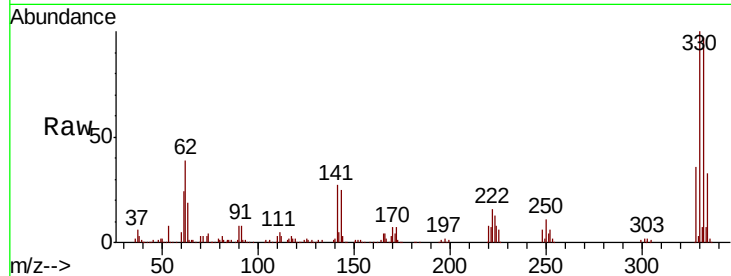
#42
 2,4,6-Tribromophenol
 Concen: 128.535 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF112911.D
 Acq: 7 Mar 2019 5:16

Instrument :
 BNA_F
 ClientSampleId :
 PST-028-B004-022719

Tot Ion	Ratio	Resp	Lower	Upper
330	100	396156		
332	96.6	76.2	114.4	
141	28.7	27.0	40.6	

Manual Integrations
 APPROVED

Sohil
 3/7/2019 11:03:07 AM

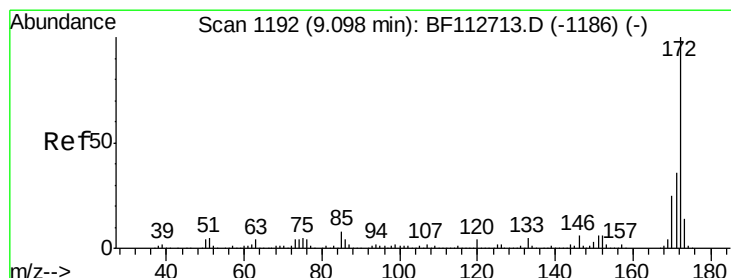
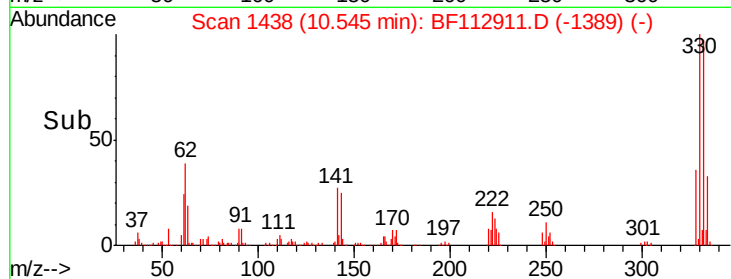
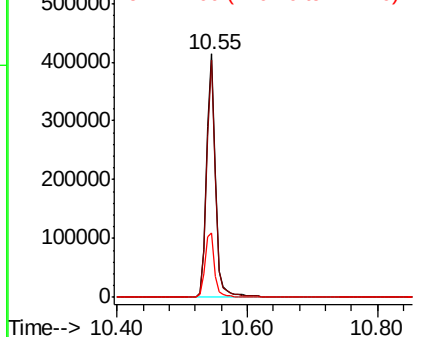


Abundance

Ion 329.80 (329.50 to 330.50): E

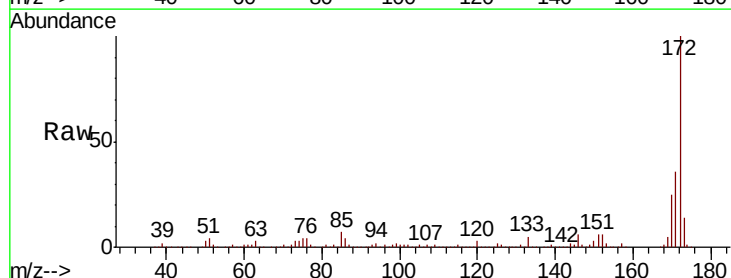
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 89.127 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF112911.D
 Acq: 7 Mar 2019 5:16

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1541672		
171	35.8	29.0	43.4	
170	24.6	20.0	30.0	

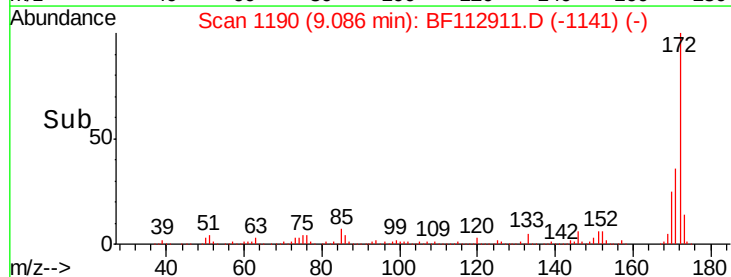
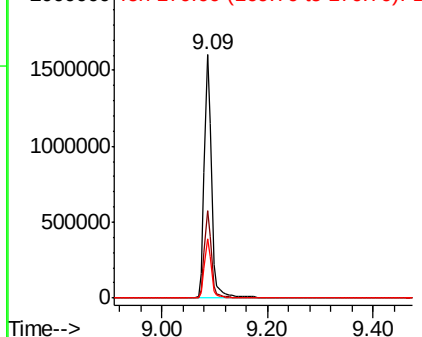


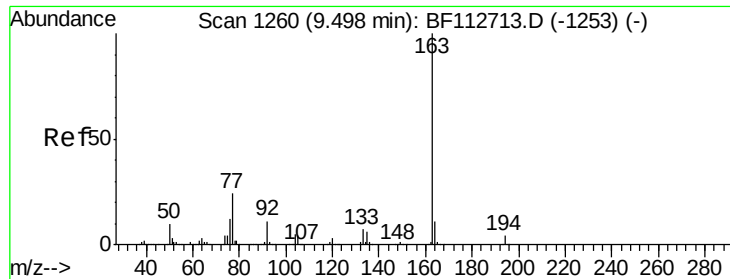
Abundance

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





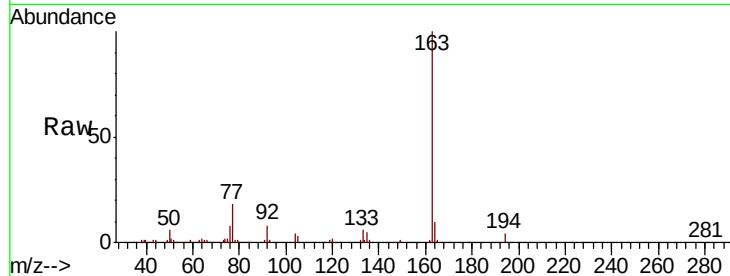
#50
Dimethylphthalate
Concen: 5.782 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF112911.D
Acq: 7 Mar 2019 5:16

Instrument :
BNA_F
ClientSampleId :
PST-028-B004-022719

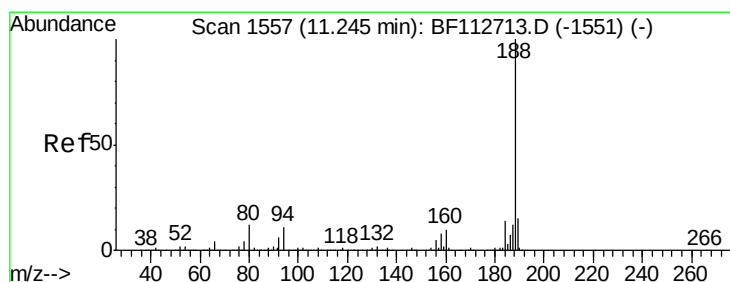
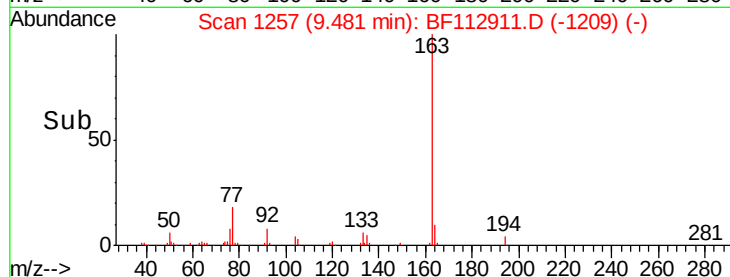
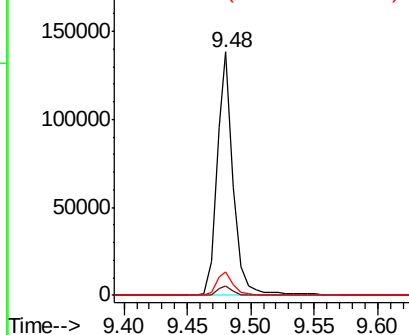
Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		123769		
194	3.8		3.0	4.4	
164	9.7		8.4	12.6	

Manual Integrations
APPROVED

Sohil
3/7/2019 11:03:07 AM

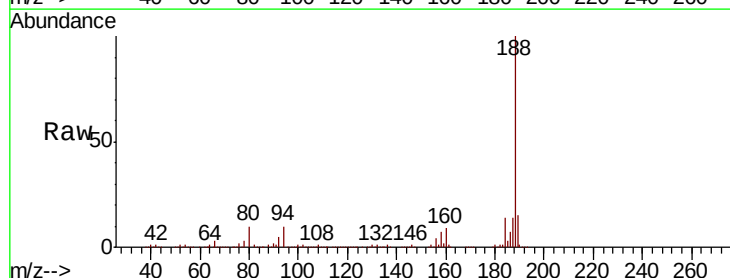


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

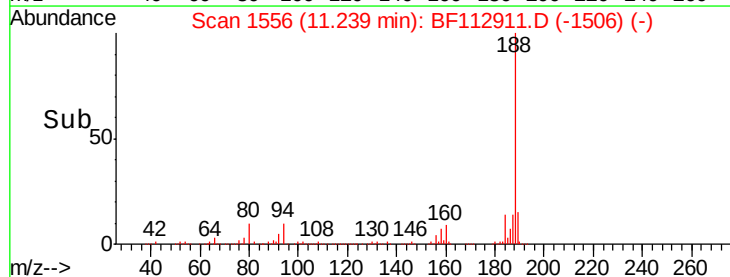
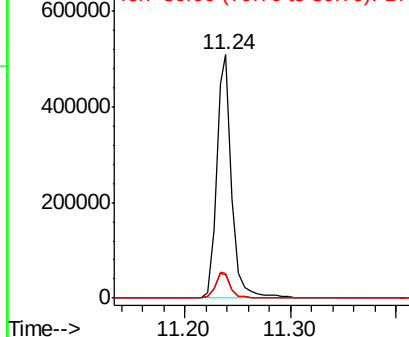


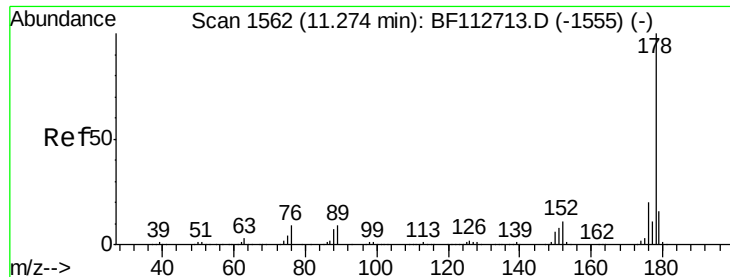
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112911.D
Acq: 7 Mar 2019 5:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		511335		
94	9.6		9.0	13.4	
80	10.0		9.2	13.8	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





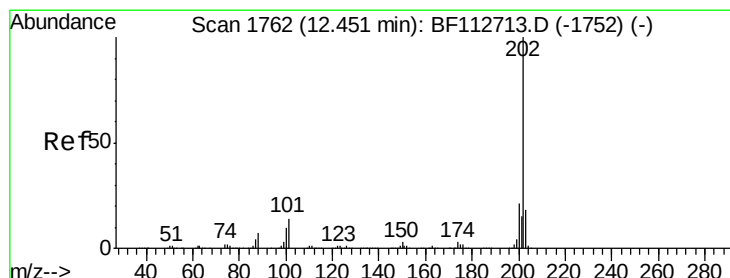
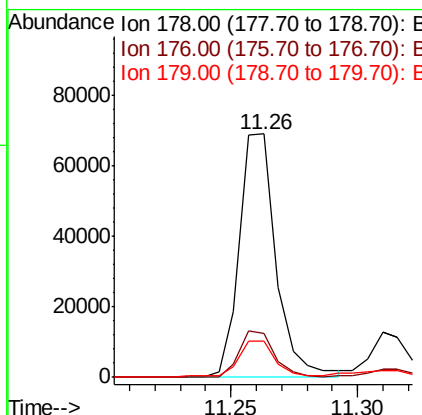
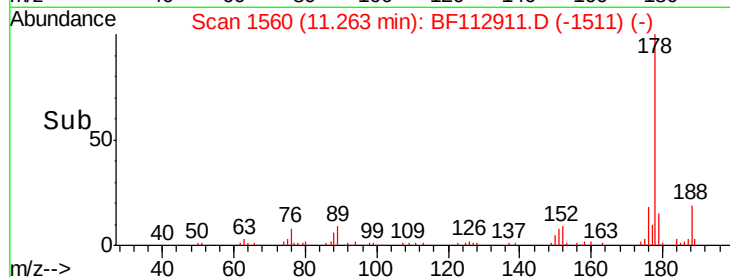
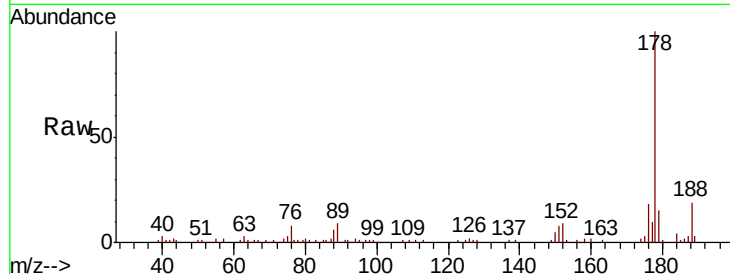
#71
Phenanthrene
Concen: 2.750 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF112911.D
Acq: 7 Mar 2019 5:16

Instrument :
BNA_F
ClientSampleId :
PST-028-B004-022719

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.1	16.3	24.5
179	15.0	12.7	19.1

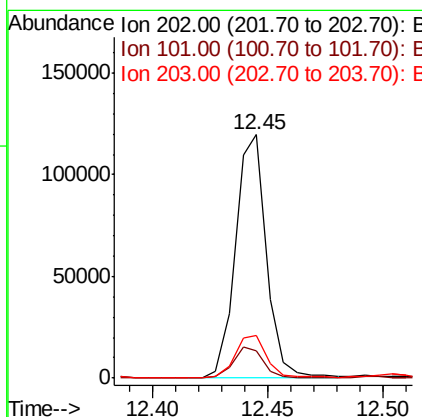
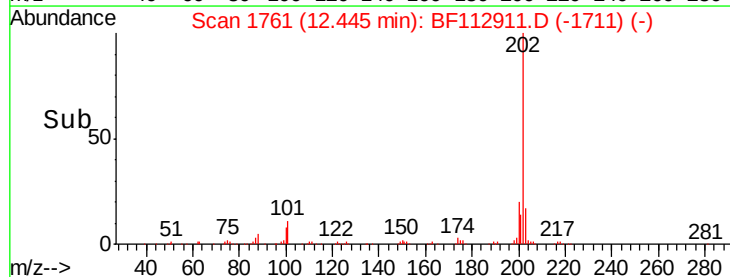
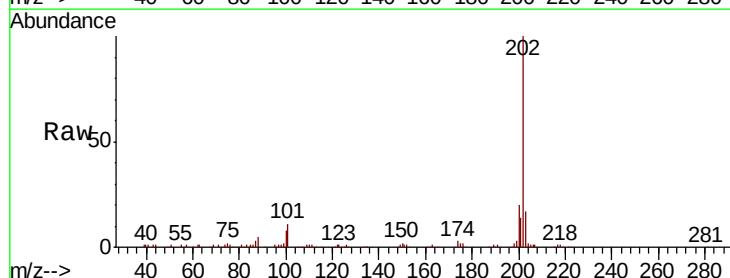
Manual Integrations
APPROVED

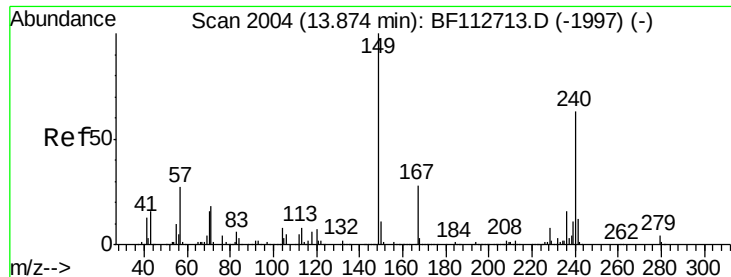
Sohil
3/7/2019 11:03:07 AM



#75
Fluoranthene
Concen: 4.107 ng
RT: 12.45 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF112911.D
Acq: 7 Mar 2019 5:16

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	33.8
203	17.5	0.0	38.4





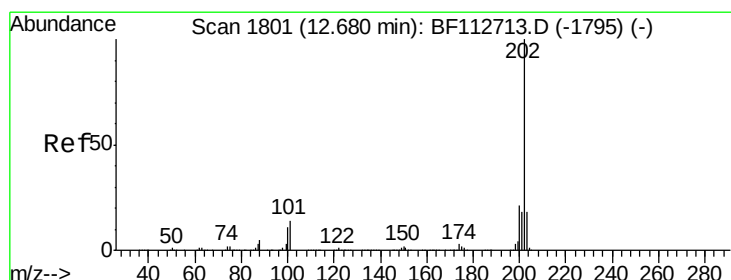
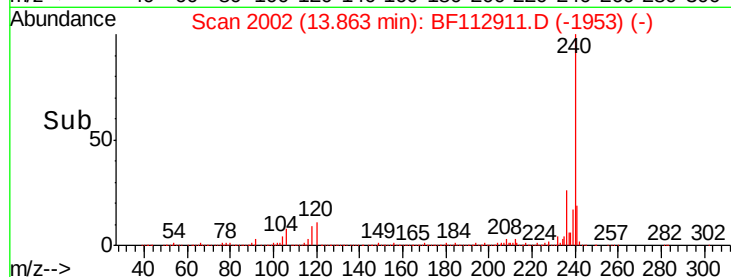
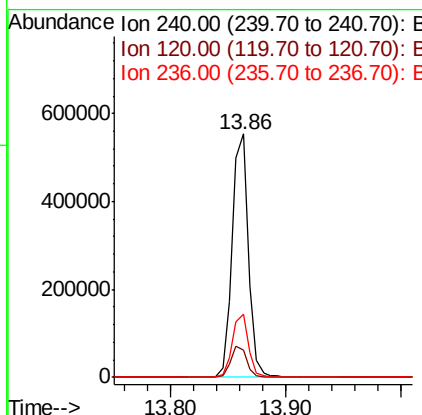
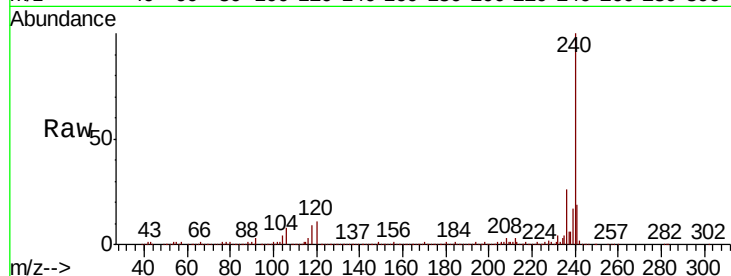
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF112911.D
 Acq: 7 Mar 2019 5:16

Instrument :
 BNA_F
 ClientSampleId :
 PST-028-B004-022719

Tot Ion	Ratio	Resp	Lower	Upper
240	100	537544		
120	11.2	8.9	13.3	
236	25.9	20.7	31.1	

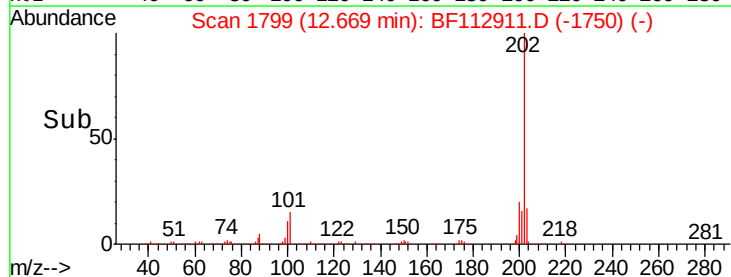
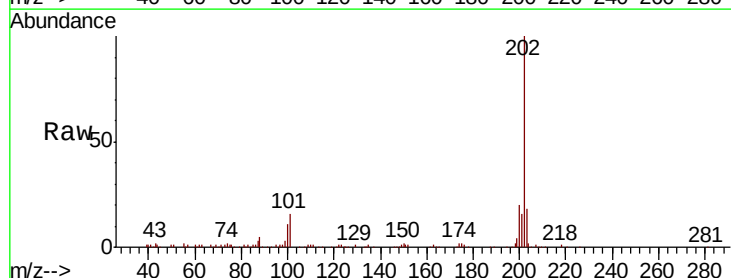
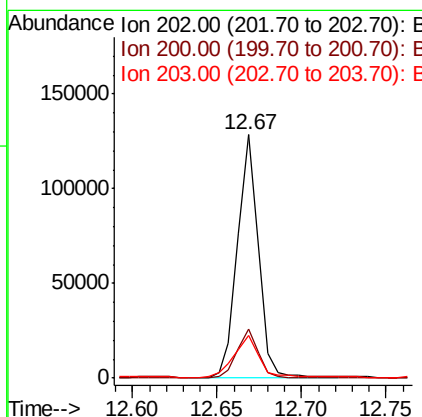
Manual Integrations
 APPROVED

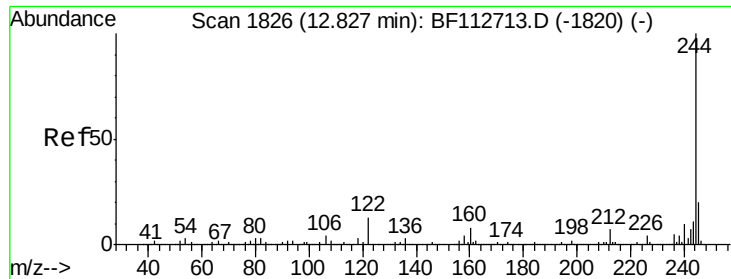
Sohil
 3/7/2019 11:03:07 AM



#78
 Pyrene
 Concen: 2.430 ng
 RT: 12.67 min Scan# 1799
 Delta R.T. -0.01 min
 Lab File: BF112911.D
 Acq: 7 Mar 2019 5:16

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	110138		
200	19.9	17.0	25.4	
203	17.6	14.4	21.6	





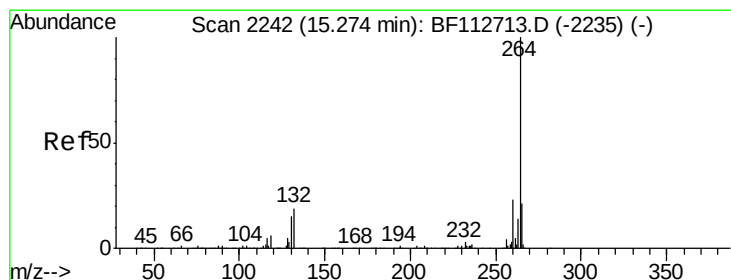
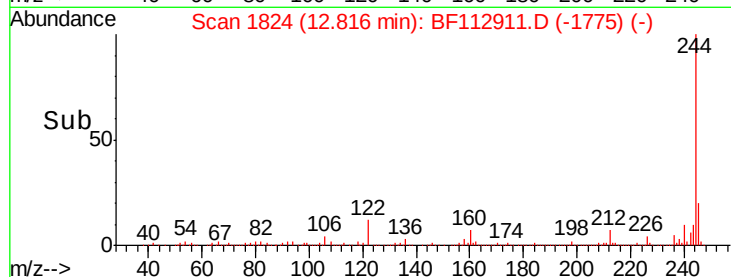
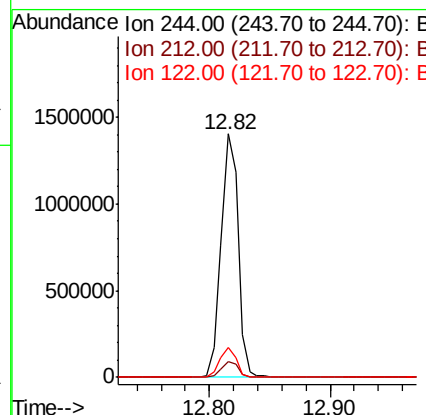
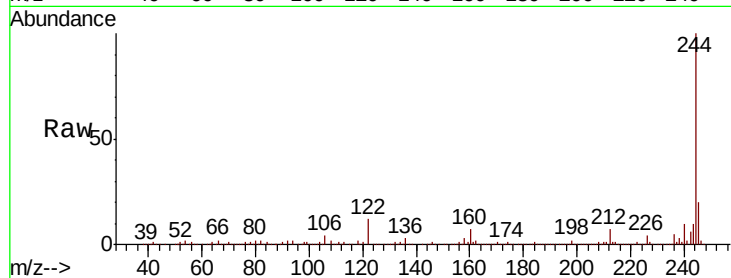
#79
 Terphenyl-d14
 Concen: 48.966 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF112911.D
 Acq: 7 Mar 2019 5:16

Instrument :
 BNA_F
 ClientSampleId :
 PST-028-B004-022719

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.6	8.4
122	12.2	10.5	15.7

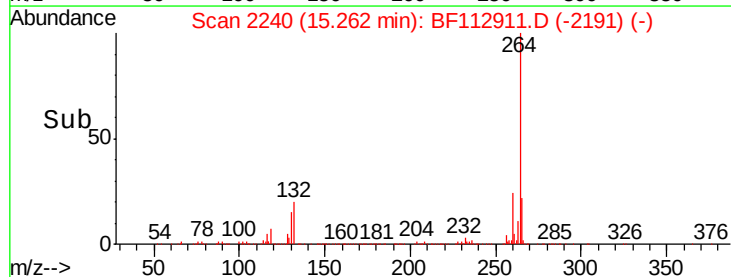
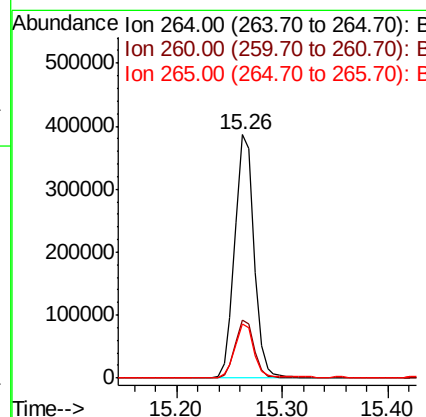
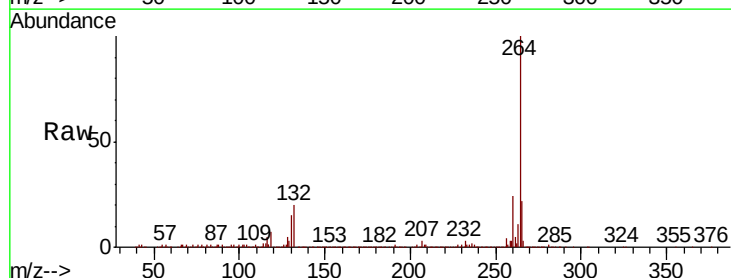
Manual Integrations
 APPROVED

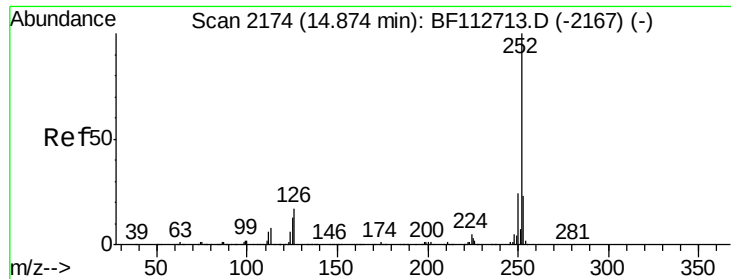
Sohil
 3/7/2019 11:03:07 AM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: BF112911.D
 Acq: 7 Mar 2019 5:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	22.0	17.2	25.8





#88
 Benzo(b)fluoranthene
 Concen: 2.216 ng m
 RT: 14.87 min Scan# 2173
 Delta R.T. -0.01 min
 Lab File: BF112911.D
 Acq: 7 Mar 2019 5:16

Instrument :
 BNA_F
 ClientSampleId :
 PST-028-B004-022719

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.0	27.0
125	12.9	10.2	15.2

Manual Integrations
 APPROVED

Sohil
 3/7/2019 11:03:07 AM

