

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
 Data File : BF111566.D
 Acq On : 18 Dec 2018 3:48
 Operator : JU/SJ
 Sample : J6403-61
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8-B

Manual Integrations
 APPROVED

Sohil
 12/18/2018 12:50:03 PM

Quant Time: Dec 18 07:23:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	171120	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	670989	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	274155	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	400677	20.00	ng	0.00
76) Chrysene-d12	13.94	240	346893	20.00	ng	0.00
87) Perylene-d12	15.38	264	277478	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	738443	71.81	ng	0.00
7) Phenol-d6	6.44	99	944481	69.05	ng	0.00
23) Nitrobenzene-d5	7.35	82	718864	63.80	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	188794	76.88	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1150054	64.80	ng	-0.01
79) Terphenyl-d14	12.89	244	792724	53.66	ng	0.00
Target Compounds						
10) Phenol	6.45	94	51375	3.372	ng	94
50) Dimethylphthalate	9.54	163	177464	8.988	ng	96
75) Fluoranthene	12.52	202	77236	3.824	ng	99
78) Pyrene	12.74	202	70933	2.900	ng	97
81) Benzo(a)anthracene	13.93	228	42528	2.255	ng	97
88) Benzo(b)fluoranthene	14.97	252	49182m	3.040	ng	
90) Benzo(a)pyrene	15.32	252	33472	2.294	ng	94

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

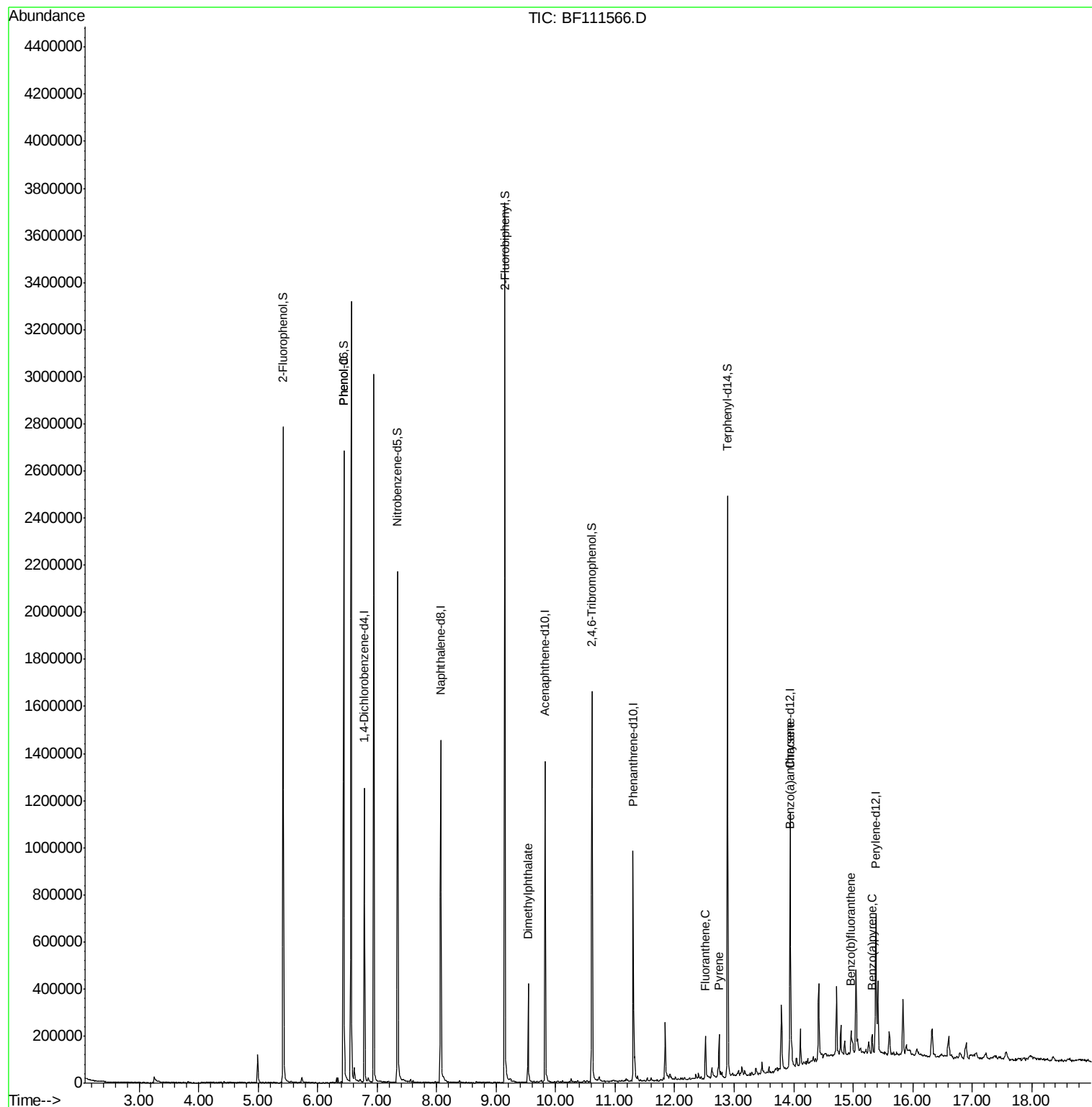
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111566.D
Acq On : 18 Dec 2018 3:48
Operator : JU/SJ
Sample : J6403-61
Misc :
ALS Vial : 27 Sample Multiplier: 1

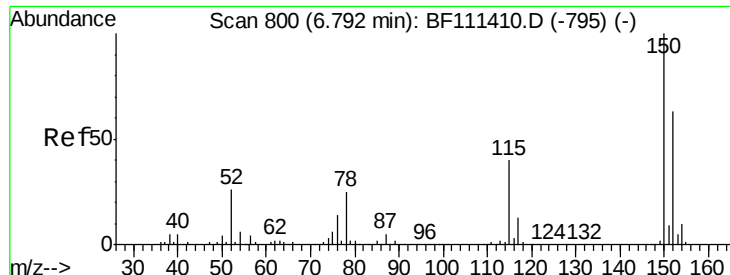
Instrument :
BNA_F
ClientSampleId :
TP-8-B

Manual Integrations
APPROVED

Sohil
12/18/2018 12:50:03 PM

Quant Time: Dec 18 07:23:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration





#1

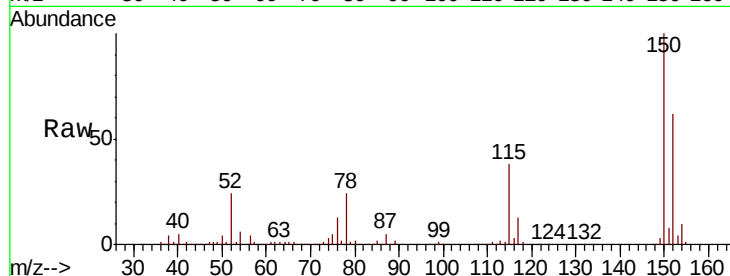
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF111566.D
Acq: 18 Dec 2018 3:48

Instrument :
BNA_F
ClientSampled :
TP-8-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.3	126.6	189.8
115	61.7	50.7	76.1

Manual Integrations
APPROVED

Sohil
12/18/2018 12:50:03 PM

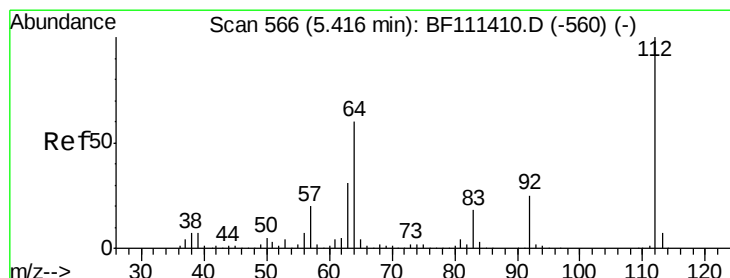
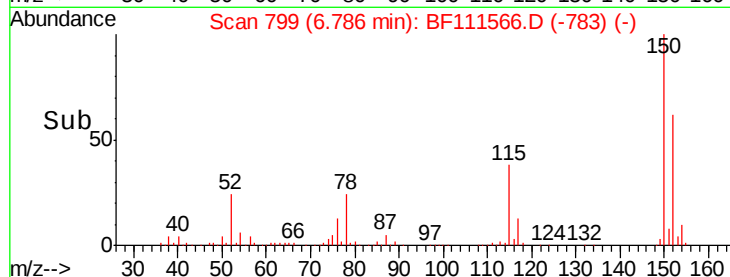
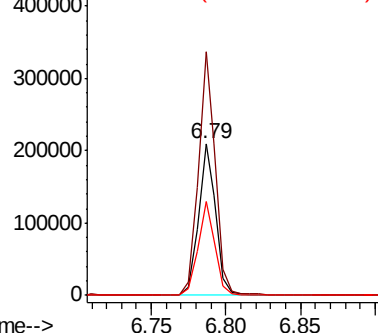


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

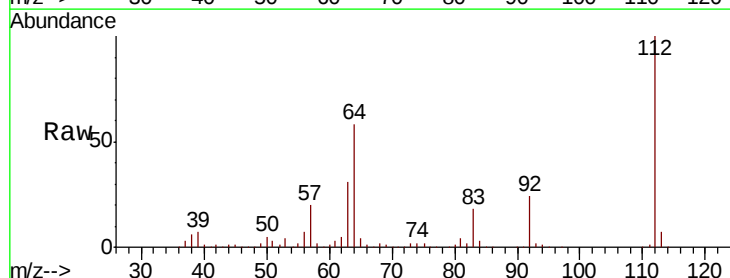
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 71.810 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111566.D
Acq: 18 Dec 2018 3:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	51.8	77.6
63	31.1	26.8	40.2

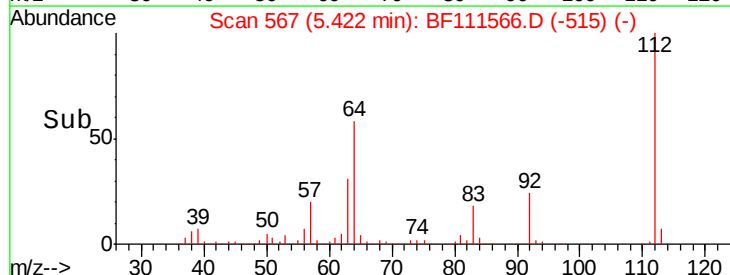
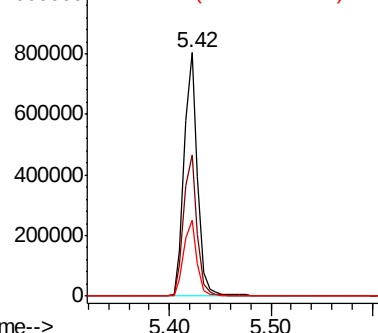


Abundance

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: 69.048 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF111566.D

Acq: 18 Dec 2018 3:48

Instrument :

BNA_F

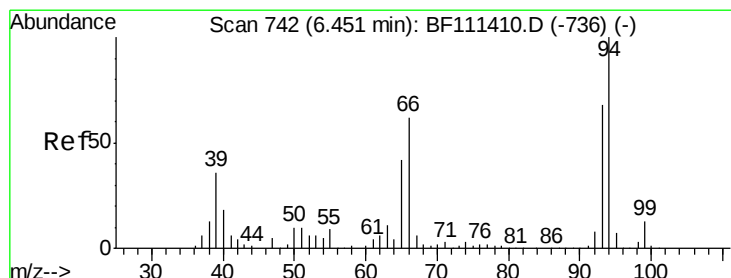
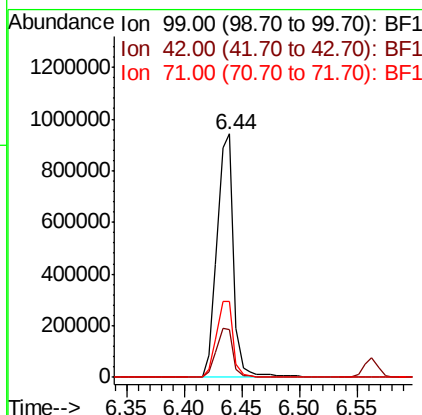
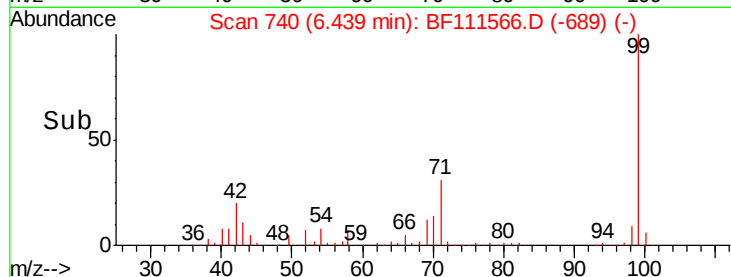
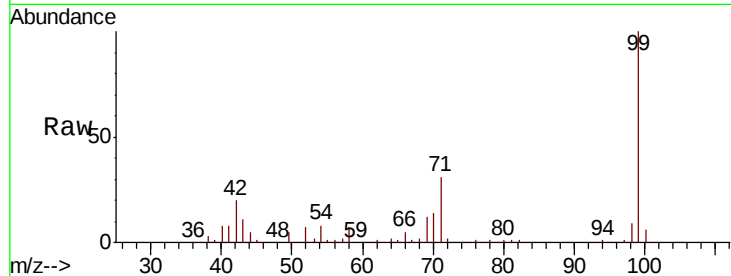
ClientSampled :

TP-8-B

Tot Ion:	99	Resp:	944481
Ion	Ratio	Lower	Upper
99	100		
42	19.8	17.4	26.0
71	31.3	26.1	39.1

Manual Integrations
APPROVED

Sohil
12/18/2018 12:50:03 PM



#10

Phenol

Concen: 3.372 ng

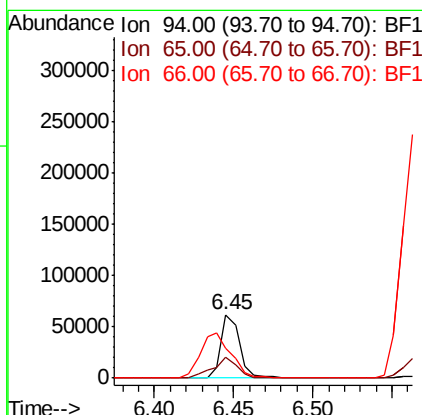
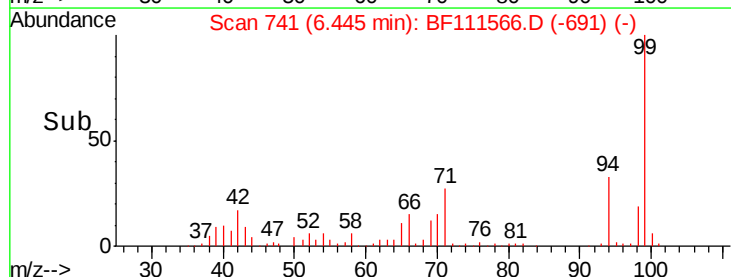
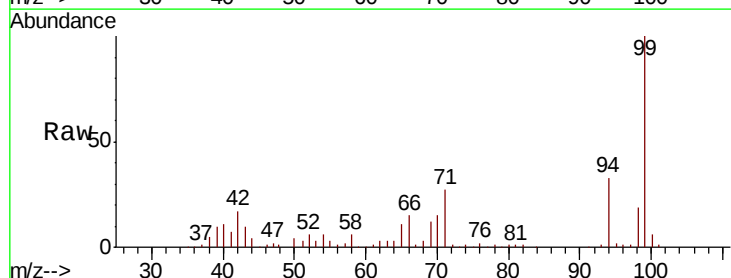
RT: 6.45 min Scan# 741

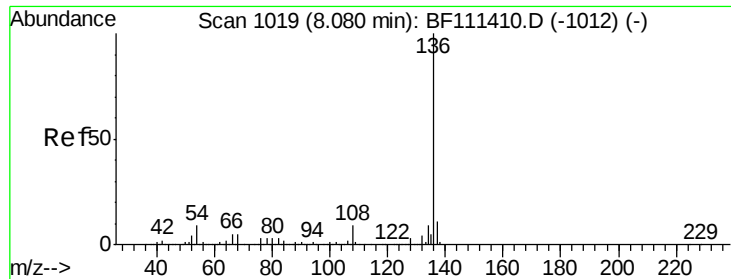
Delta R.T. -0.01 min

Lab File: BF111566.D

Acq: 18 Dec 2018 3:48

Tgt Ion:	94	Resp:	51375
Ion	Ratio	Lower	Upper
94	100		
65	32.9	11.7	51.7
66	47.0	21.0	61.0





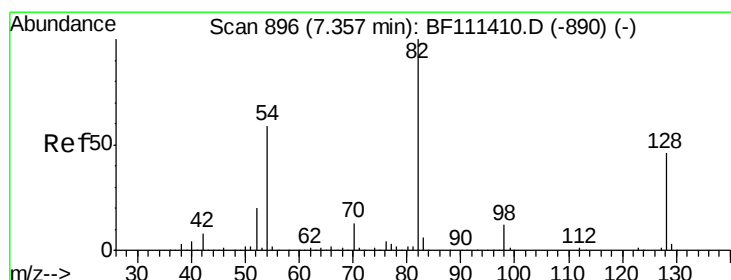
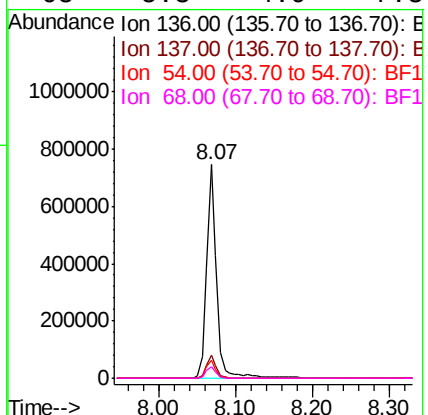
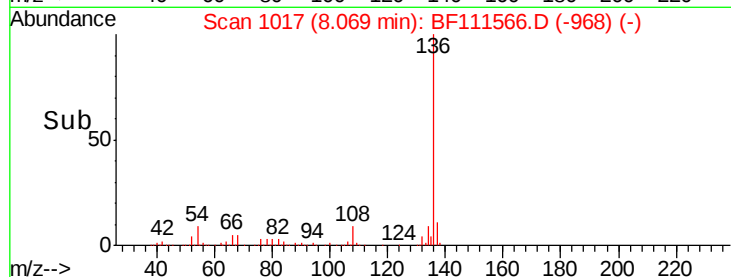
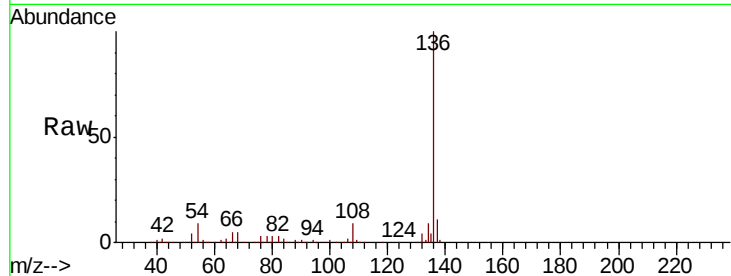
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF111566.D
Acq: 18 Dec 2018 3:48

Instrument :
BNA_F
ClientSampleId :
TP-8-B

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	8.6	7.7	11.5
68	5.3	4.9	7.3

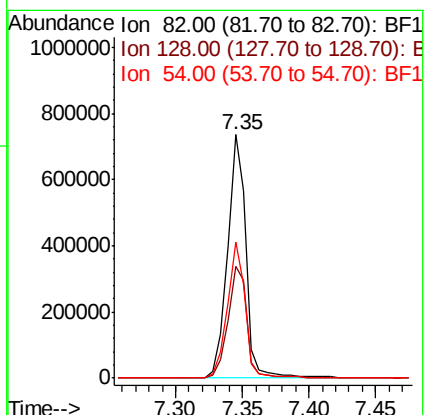
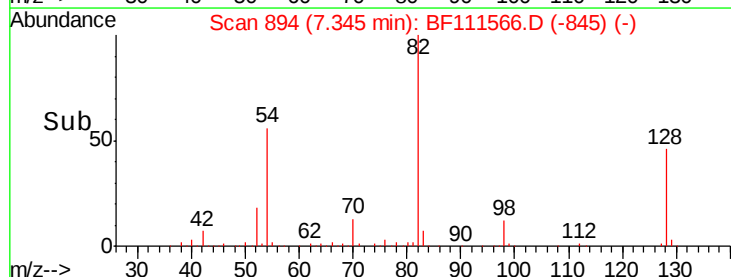
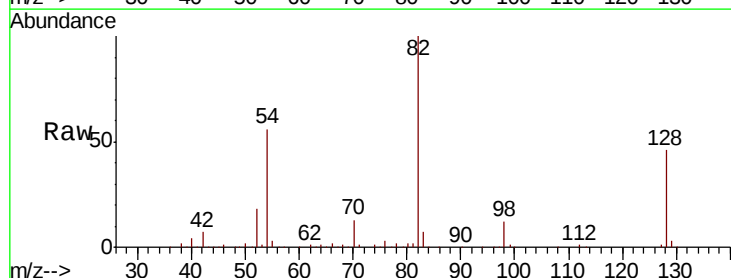
Manual Integrations
APPROVED

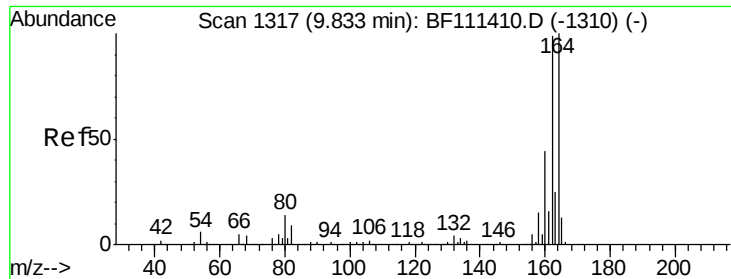
Sohil
12/18/2018 12:50:03 PM



#23
Nitrobenzene-d5
Concen: 63.797 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF111566.D
Acq: 18 Dec 2018 3:48

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.0	37.4	56.2
54	56.1	47.6	71.4





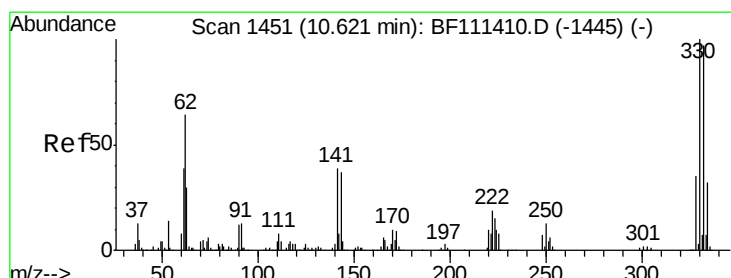
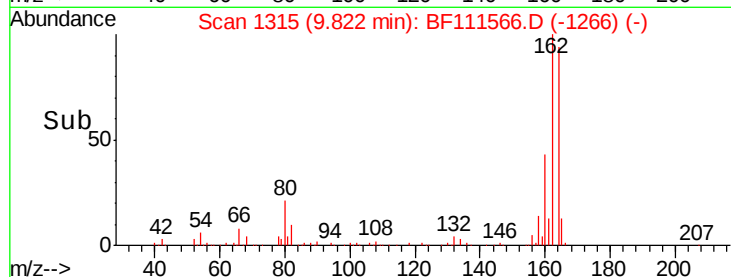
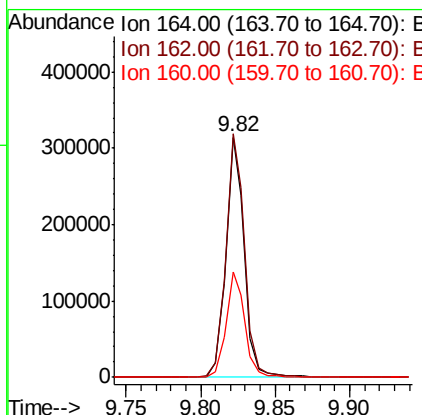
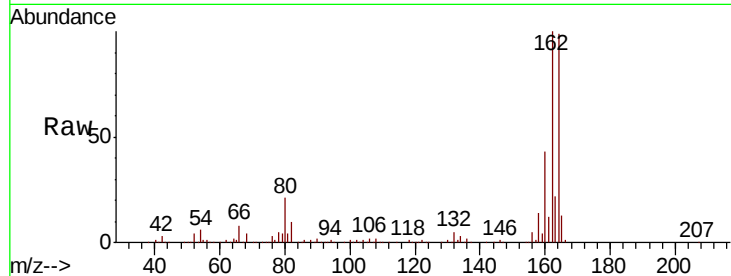
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF111566.D
Acq: 18 Dec 2018 3:48

Instrument :
BNA_F
ClientSampleId :
TP-8-B

Tot Ion	Ratio	Resp	Lower	Upper
164	100	274155		
162	101.5	81.4	122.0	
160	43.8	35.7	53.5	

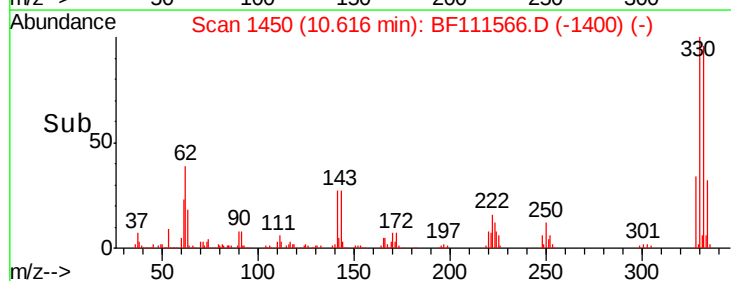
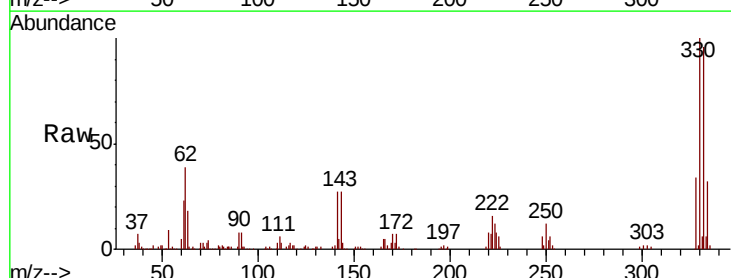
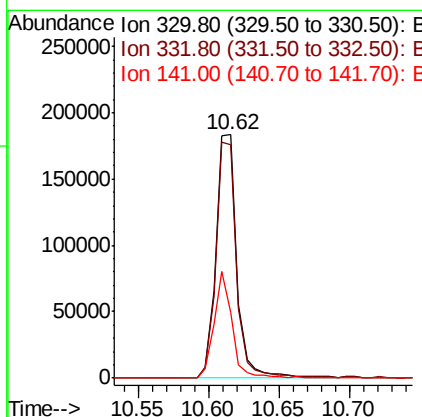
Manual Integrations
APPROVED

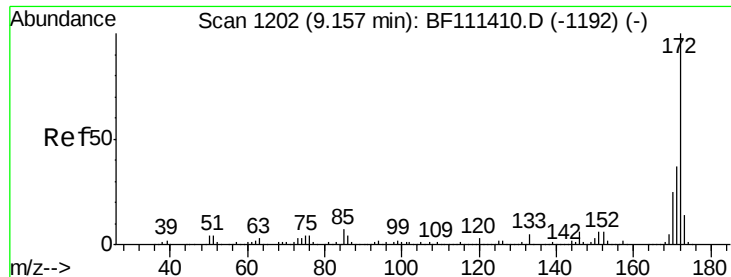
Sohil
12/18/2018 12:50:03 PM



#42
2,4,6-Tribromophenol
Concen: 76.875 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111566.D
Acq: 18 Dec 2018 3:48

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	188794		
332	97.0	76.0	114.0	
141	37.8	31.0	46.6	





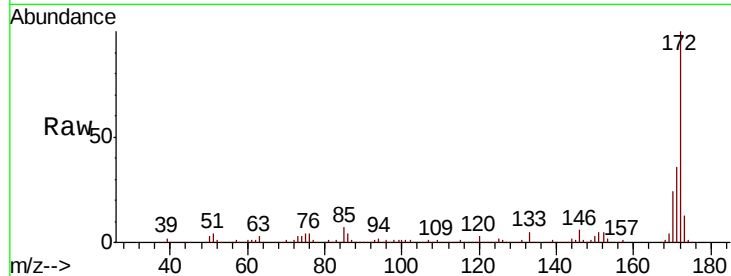
#45
2-Fluorobiphenyl
Concen: 64.796 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF111566.D
Acq: 18 Dec 2018 3:48

Instrument :
BNA_F
ClientSampleId :
TP-8-B

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	33.0	49.4
170	23.5	22.3	33.5

Manual Integrations
APPROVED

Sohil
12/18/2018 12:50:03 PM

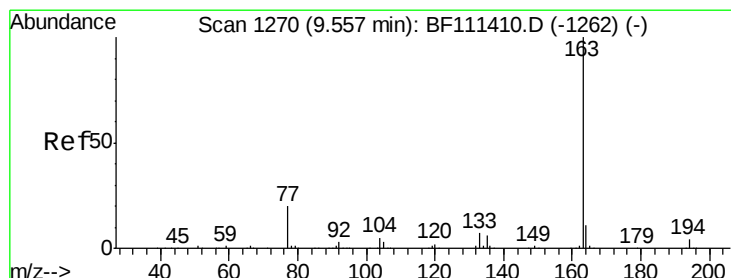
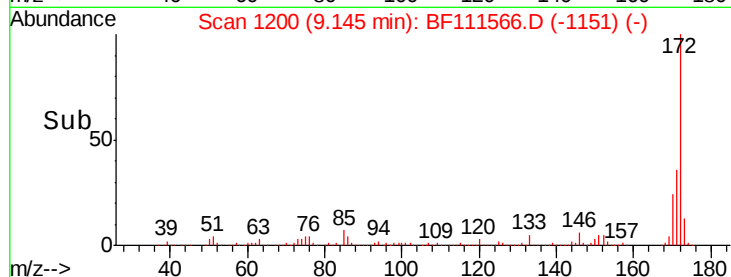
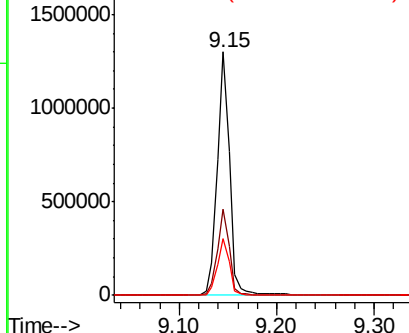


Abundance

Ion 172.00 (171.70 to 172.70): E

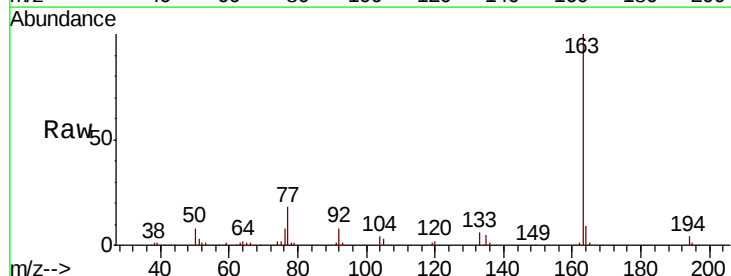
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 8.988 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF111566.D
Acq: 18 Dec 2018 3:48

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	9.4	8.9	13.3

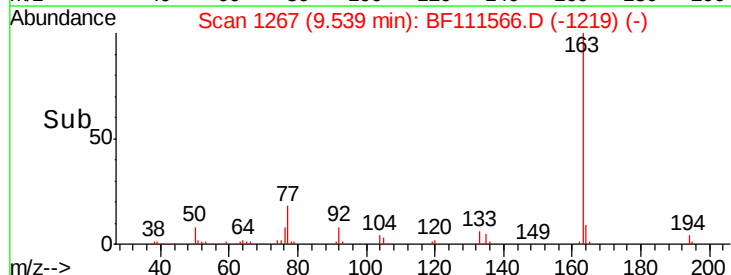
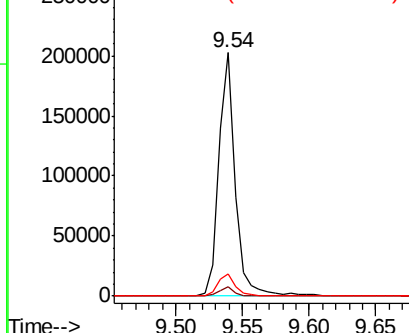


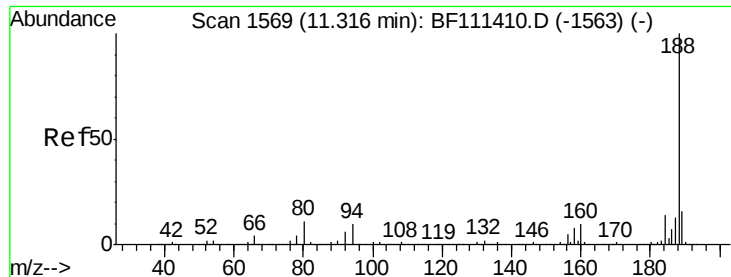
Abundance

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





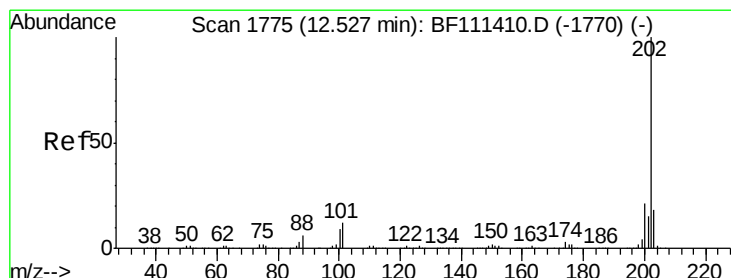
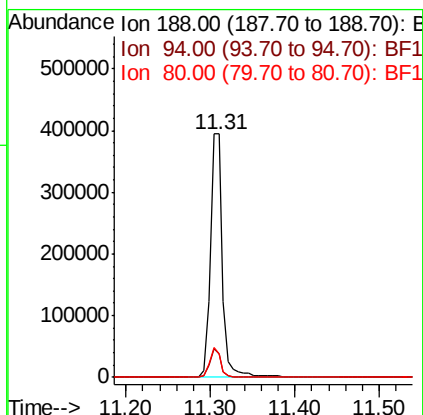
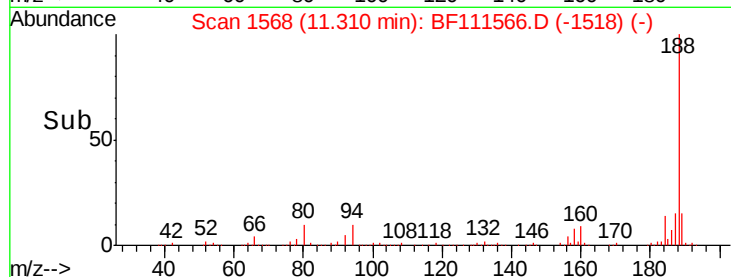
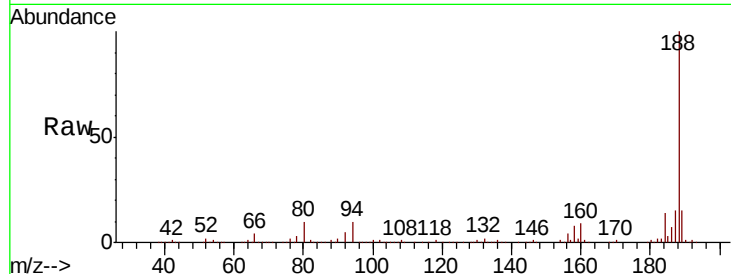
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111566.D
Acq: 18 Dec 2018 3:48

Instrument :
BNA_F
ClientSampled :
TP-8-B

Tot Ion:	188	Resp:	400677
Ion Ratio	Lower	Upper	
188	100		
94	9.7	9.6	14.4
80	9.9	9.8	14.6

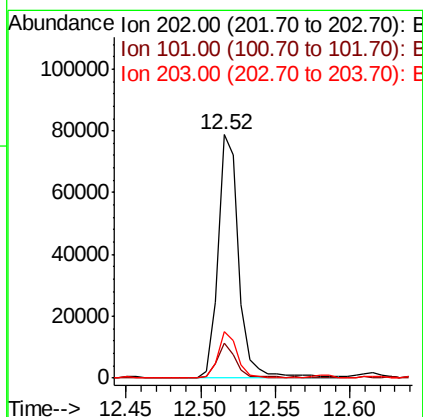
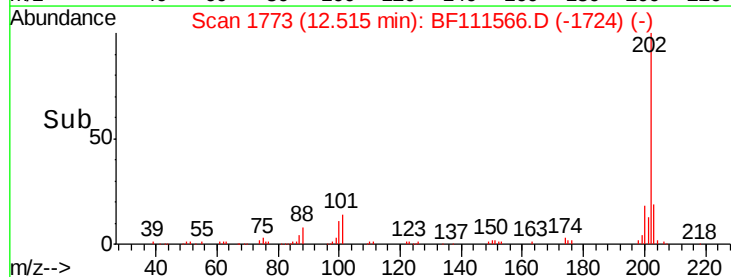
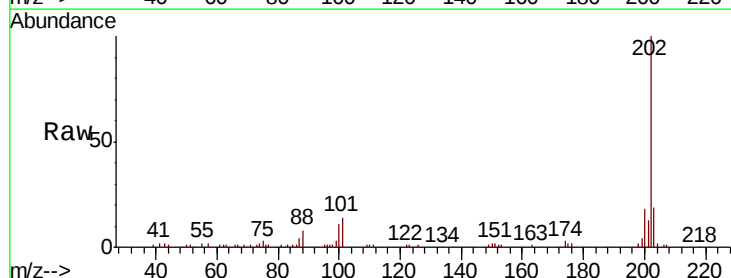
Manual Integrations
APPROVED

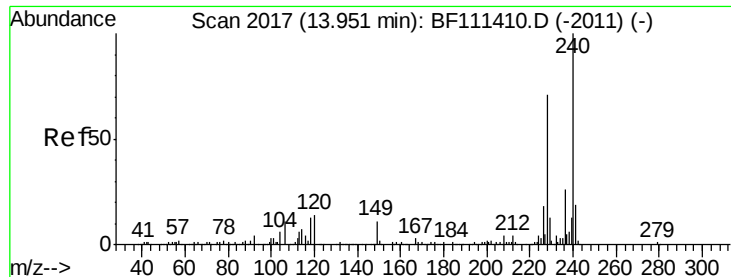
Sohil
12/18/2018 12:50:03 PM



#75
Fluoranthene
Concen: 3.824 ng
RT: 12.52 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BF111566.D
Acq: 18 Dec 2018 3:48

Tgt Ion:	202	Resp:	77236
Ion Ratio	Lower	Upper	
202	100		
101	14.4	0.0	33.8
203	18.8	0.0	38.6





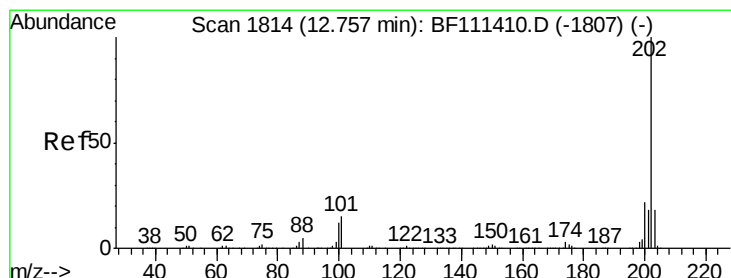
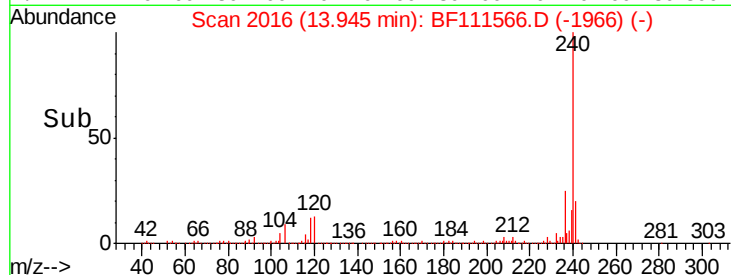
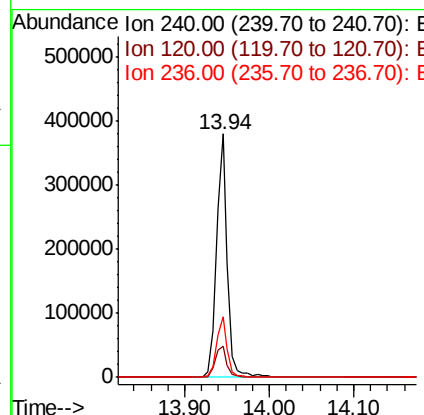
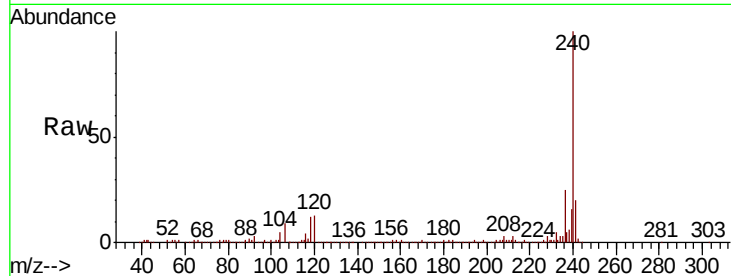
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.01 min
 Lab File: BF111566.D
 Acq: 18 Dec 2018 3:48

Instrument :
 BNA_F
 ClientSampled :
 TP-8-B

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.0	12.2	18.2
236	25.0	20.2	30.2

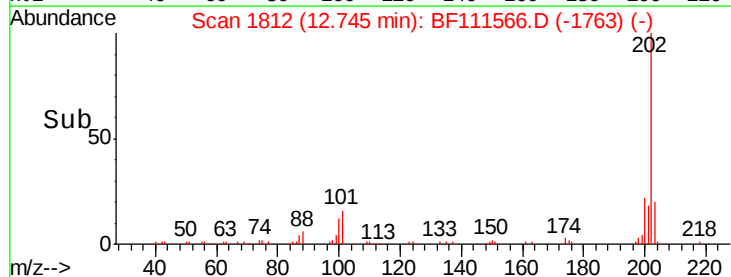
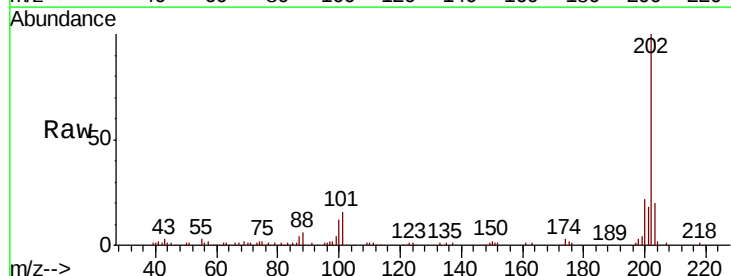
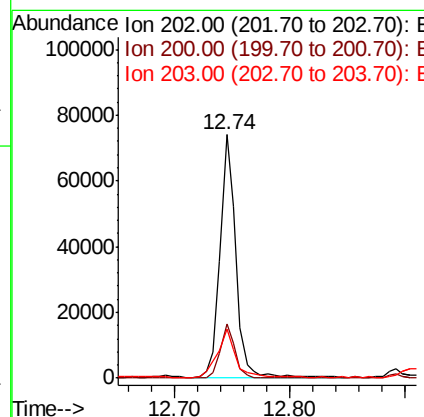
Manual Integrations
 APPROVED

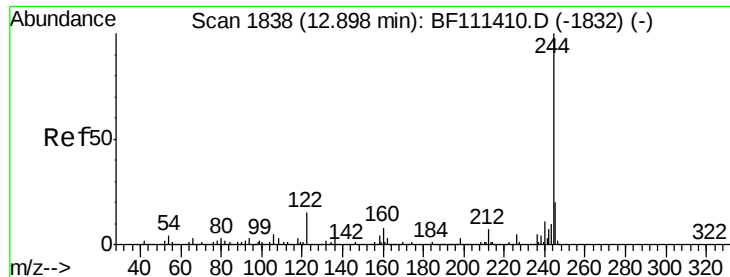
Sohil
 12/18/2018 12:50:03 PM



#78
 Pyrene
 Concen: 2.900 ng
 RT: 12.74 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BF111566.D
 Acq: 18 Dec 2018 3:48

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	19.0	28.4
203	20.2	15.2	22.8





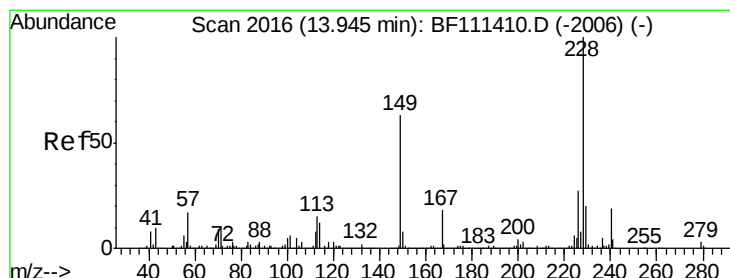
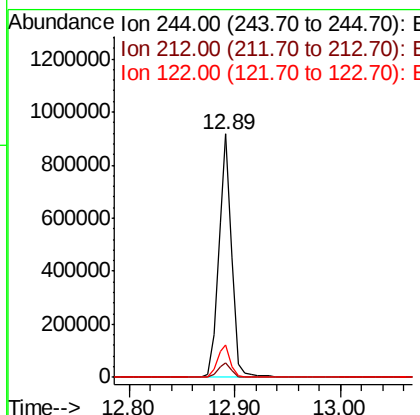
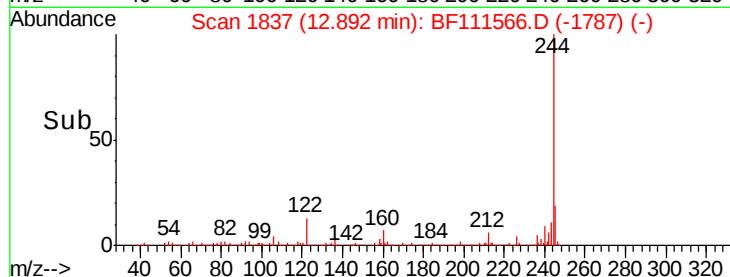
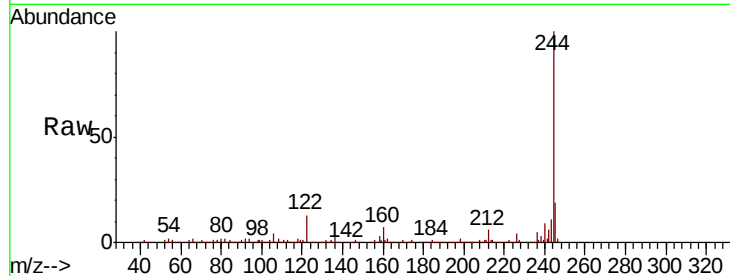
#79
 Terphenyl-d14
 Concen: 53.662 ng
 RT: 12.89 min Scan# 1837
 Delta R.T. -0.01 min
 Lab File: BF111566.D
 Acq: 18 Dec 2018 3:48

Instrument :
 BNA_F
 ClientSampleId :
 TP-8-B

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.7	8.5
122	13.1	13.1	19.7

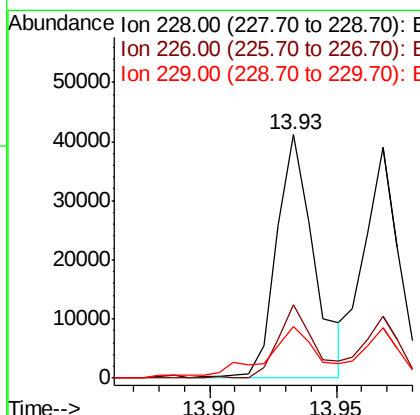
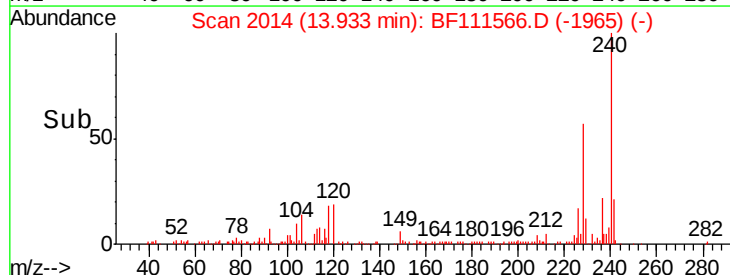
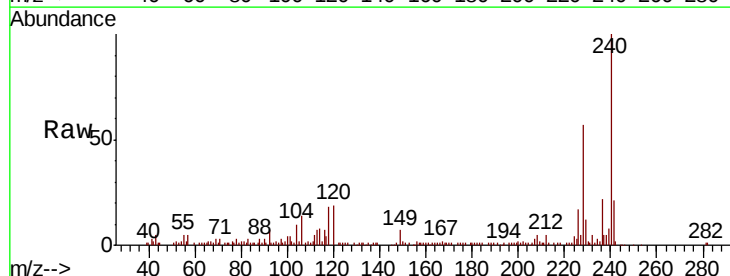
Manual Integrations
 APPROVED

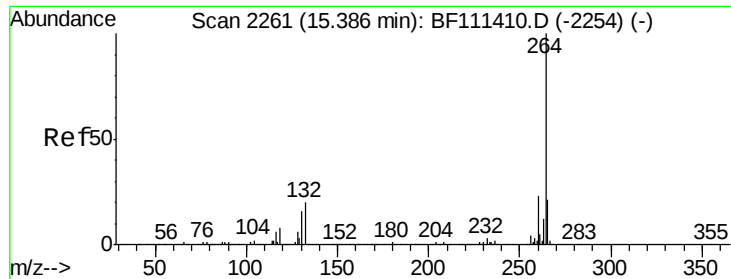
Sohil
 12/18/2018 12:50:03 PM



#81
 Benzo(a)anthracene
 Concen: 2.255 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF111566.D
 Acq: 18 Dec 2018 3:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.6	34.0
229	21.2	16.3	24.5





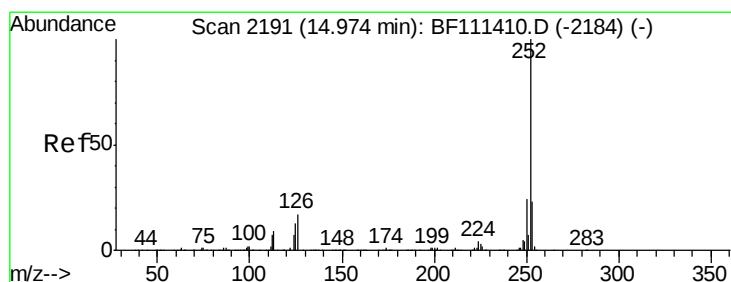
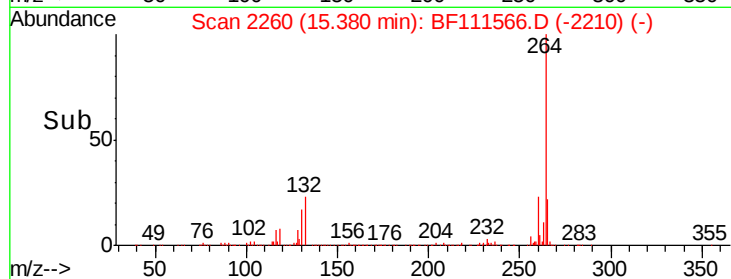
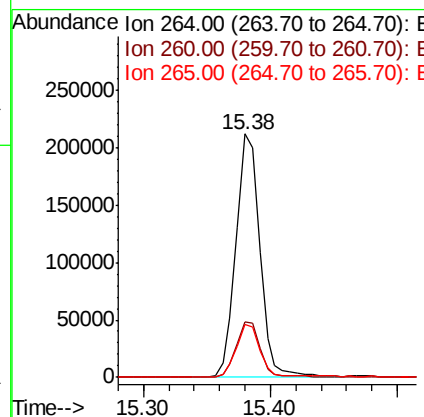
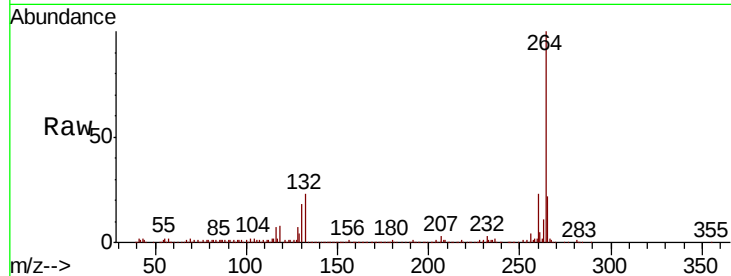
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF111566.D
Acq: 18 Dec 2018 3:48

Instrument :
BNA_F
ClientSampled :
TP-8-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.3	27.5
265	21.7	17.7	26.5

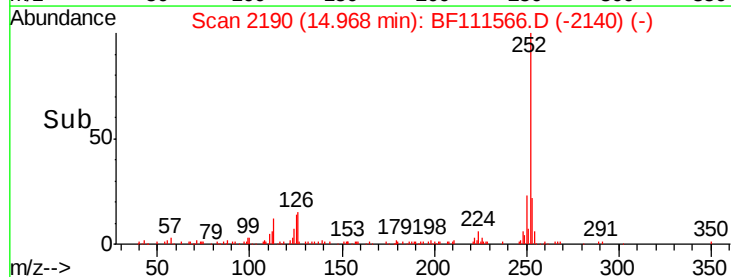
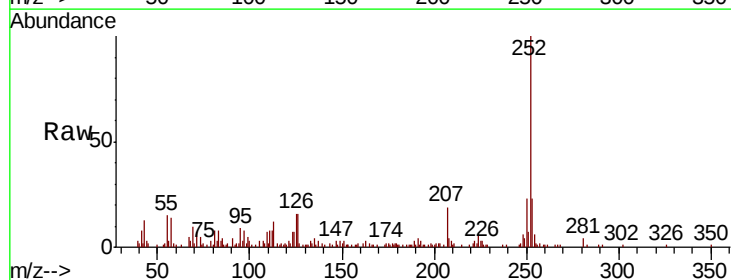
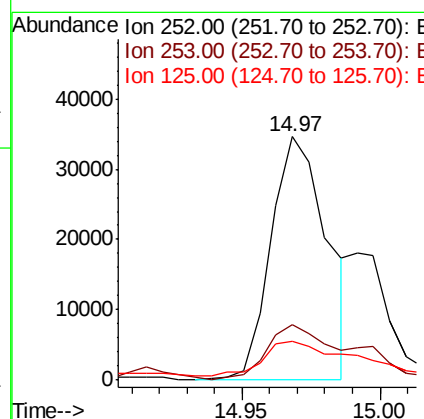
Manual Integrations
APPROVED

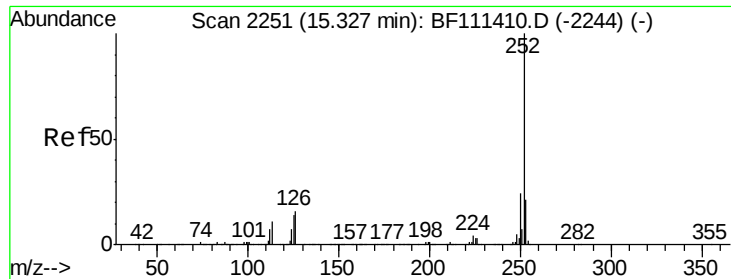
Sohil
12/18/2018 12:50:03 PM



#88
Benzo(b)fluoranthene
Concen: 3.040 ng m
RT: 14.97 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BF111566.D
Acq: 18 Dec 2018 3:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	15.9	10.4	15.6





#90
 Benzo(a)pyrene
 Concen: 2.294 ng
 RT: 15.32 min Scan# 2250
 Delta R.T. -0.01 min
 Lab File: BF111566.D
 Acq: 18 Dec 2018 3:48

Instrument :
 BNA_F
 ClientSampled :
 TP-8-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.8	26.8
125	16.2	12.3	18.5

Manual Integrations
 APPROVED

Sohil
 12/18/2018 12:50:03 PM

