

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
 Data File : BF111338.D
 Acq On : 12 Dec 2018 22:56
 Operator : JU/SJ
 Sample : J6189-01 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-121118-A

Manual Integrations
 APPROVED

Sohil
 12/13/2018 6:06:48 PM

Quant Time: Dec 13 04:22:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 13:16:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	262733	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	932283	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	366959	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	602643	20.00	ng	0.00
76) Chrysene-d12	13.95	240	412868	20.00	ng	0.00
87) Perylene-d12	15.39	264	324274	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	947766	61.00	ng	0.00
7) Phenol-d6	6.43	99	1171345	55.92	ng	0.00
23) Nitrobenzene-d5	7.35	82	655635	39.64	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	164191	50.76	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1076520	47.10	ng	0.00
79) Terphenyl-d14	12.90	244	829846	44.24	ng	0.00
Target Compounds						
10) Phenol	6.43	94	88425	3.726	ng	93
50) Dimethylphthalate	9.55	163	79505	3.013	ng	# 98
75) Fluoranthene	12.53	202	128348	4.221	ng	98
78) Pyrene	12.75	202	127892	4.014	ng	96
81) Benzo(a)anthracene	13.94	228	80887m	3.502	ng	
83) Chrysene	13.97	228	78507	3.331	ng	98
88) Benzo(b)fluoranthene	14.97	252	79218m	4.296	ng	
90) Benzo(a)pyrene	15.33	252	58886	3.430	ng	# 80
92) Benzo(g,h,i)perylene	17.22	276	32251	2.258	ng	95

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

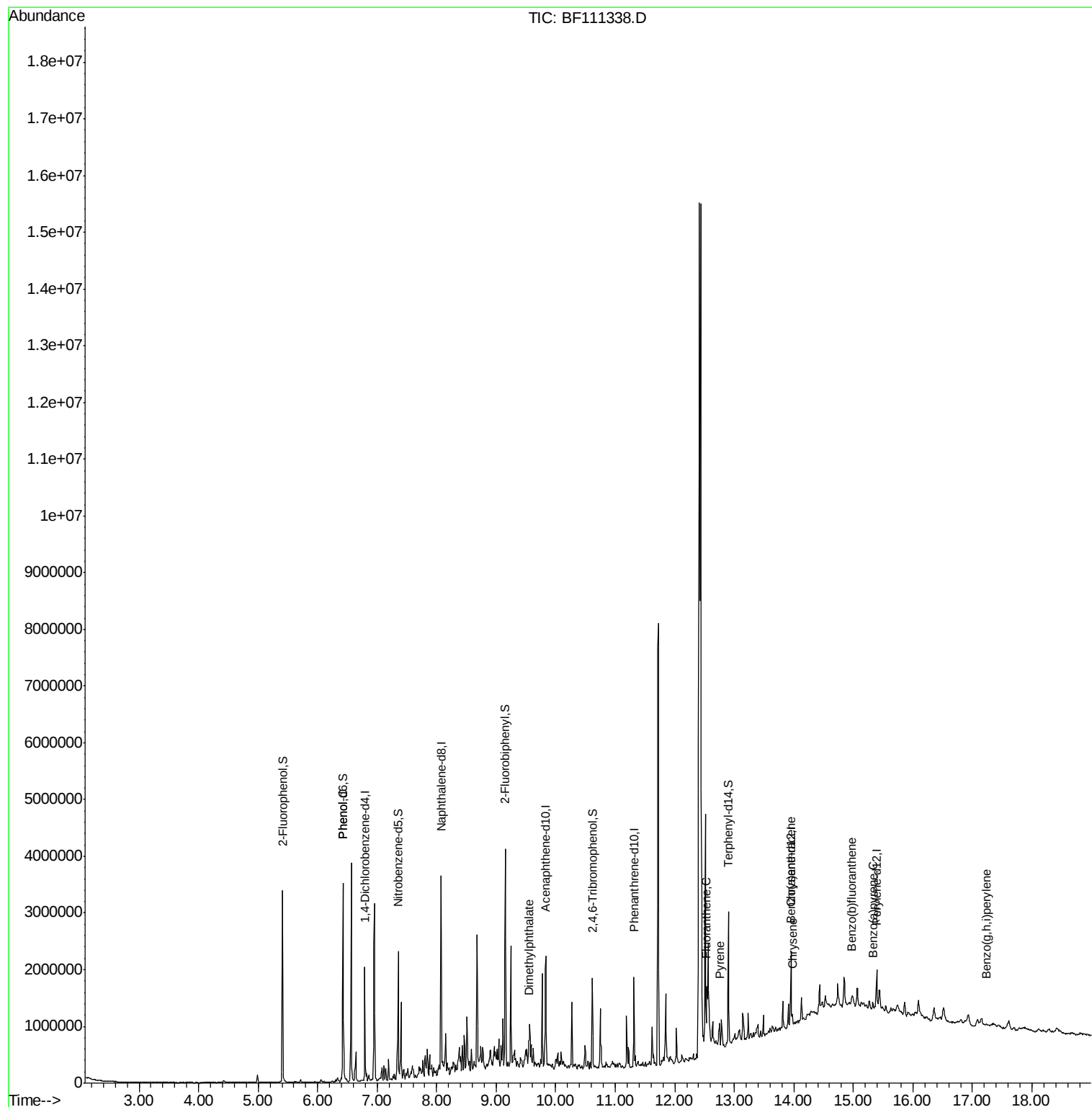
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
Data File : BF111338.D
Acq On : 12 Dec 2018 22:56
Operator : JU/SJ
Sample : J6189-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

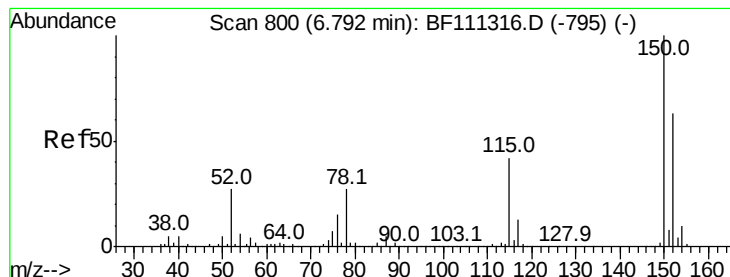
Instrument :
BNA_F
ClientSampleId :
HR-05-121118-A

Manual Integrations
APPROVED

Sohil
12/13/2018 6:06:48 PM

Quant Time: Dec 13 04:22:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 13:16:52 2018
Response via : Initial Calibration





#1

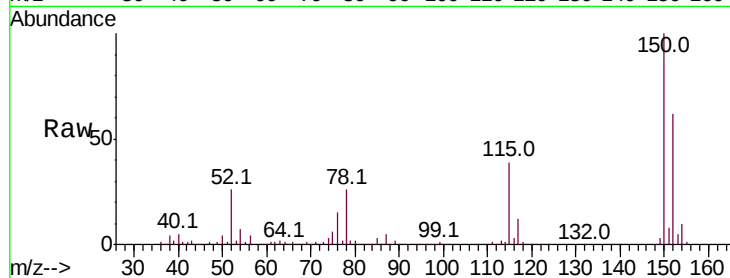
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF111338.D
Acq: 12 Dec 2018 22:56

Instrument :
BNA_F
ClientSampleId :
HR-05-121118-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	126.6	189.8
115	62.6	50.7	76.1

Manual Integrations
APPROVED

Sohil
12/13/2018 6:06:48 PM

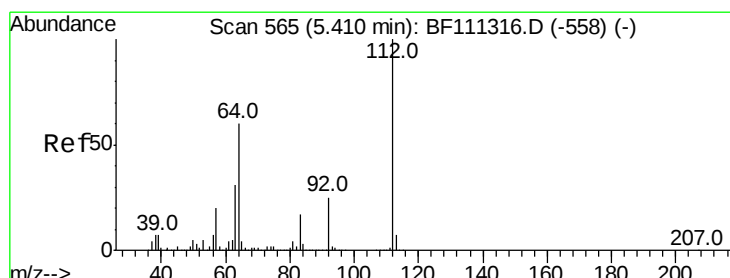
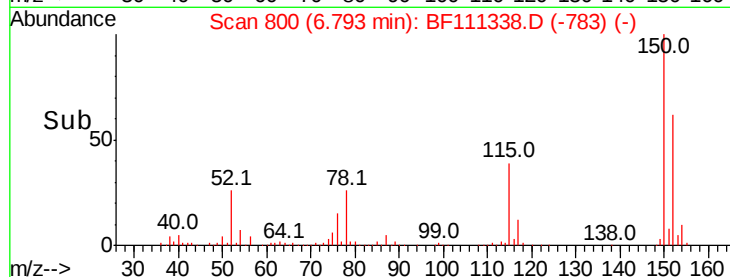
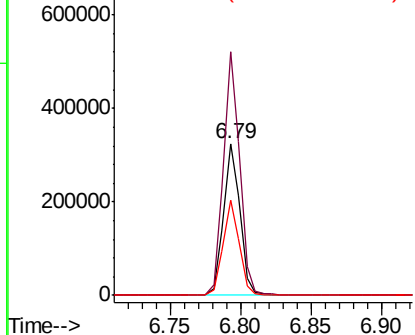


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

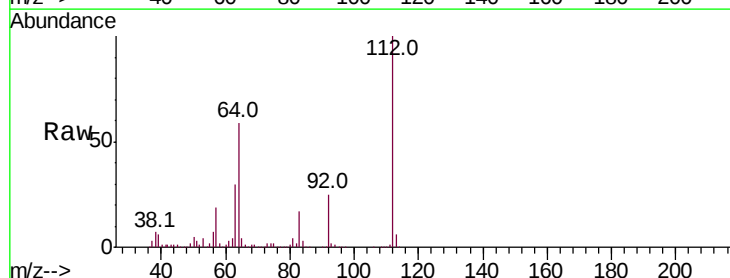
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 61.001 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF111338.D
Acq: 12 Dec 2018 22:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	51.8	77.6
63	29.6	26.8	40.2

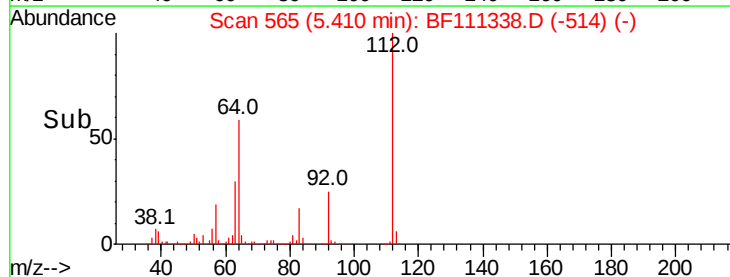
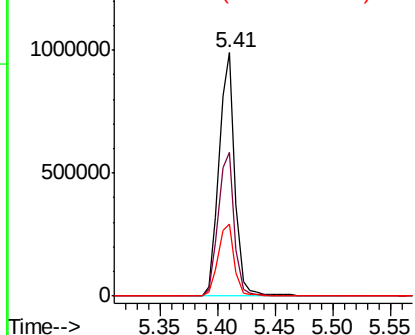


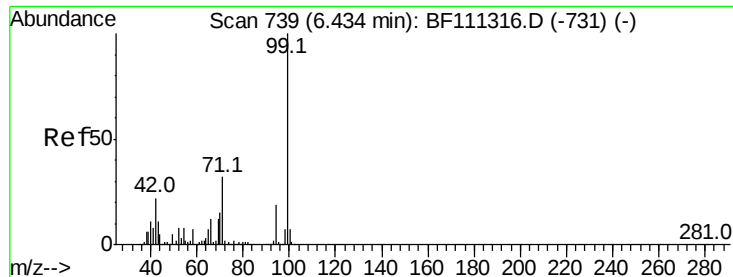
Abundance

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: 55.917 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111338.D

Acq: 12 Dec 2018 22:56

Instrument :

BNA_F

ClientSampleId :

HR-05-121118-A

Tot Ion: 99 Resp: 1171345

Ion Ratio Lower Upper

99 100

42 19.8 17.4 26.0

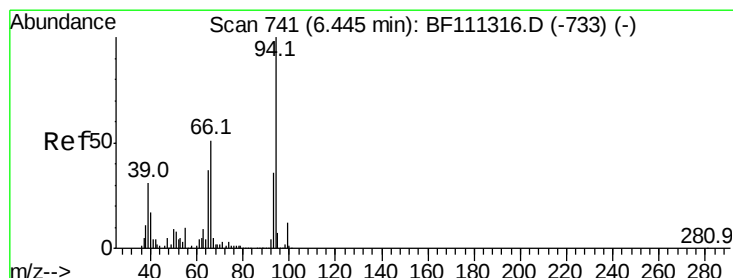
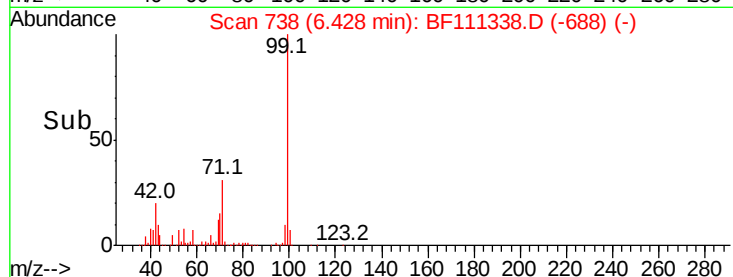
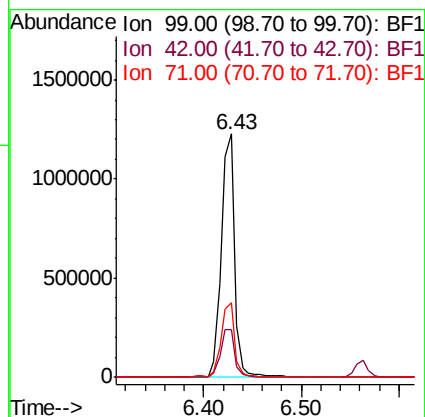
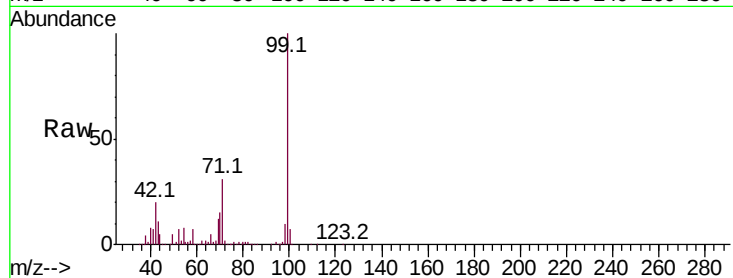
71 30.7 26.1 39.1

Manual Integrations

APPROVED

Sohil

12/13/2018 6:06:48 PM



#10

Phenol

Concen: 3.726 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111338.D

Acq: 12 Dec 2018 22:56

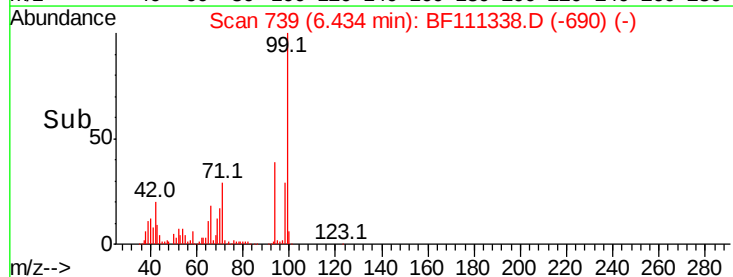
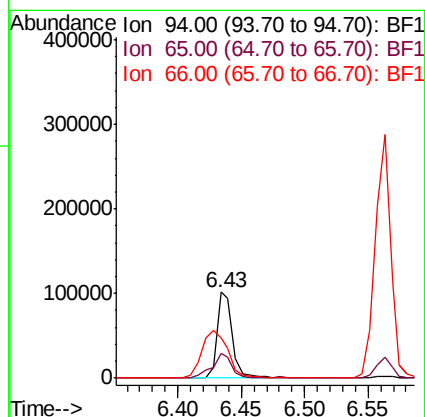
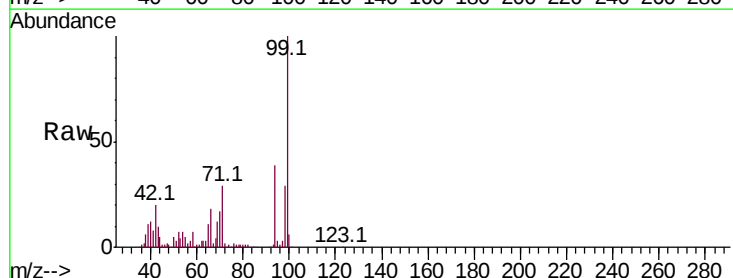
Tgt Ion: 94 Resp: 88425

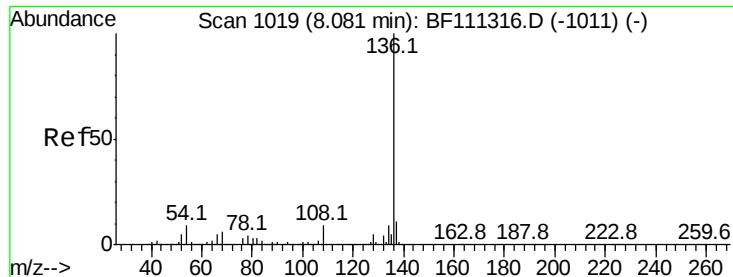
Ion Ratio Lower Upper

94 100

65 29.2 11.7 51.7

66 46.8 21.0 61.0





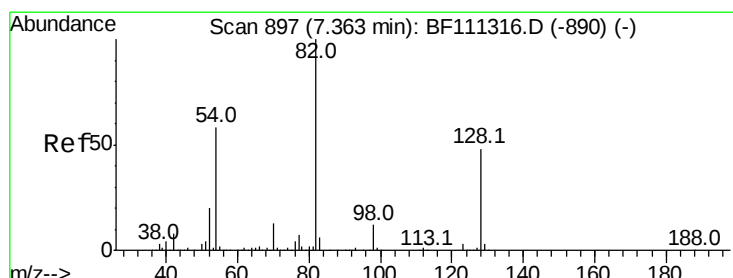
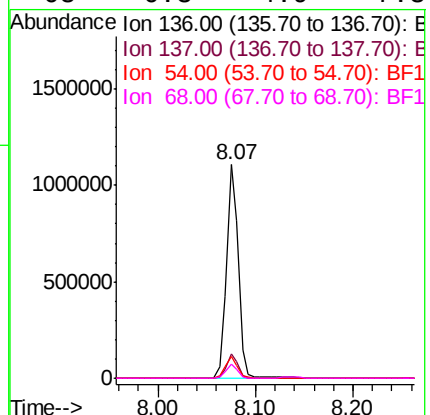
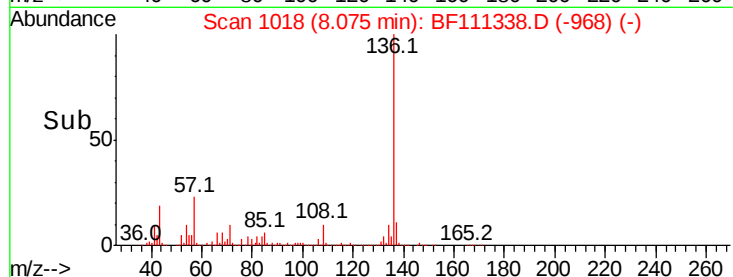
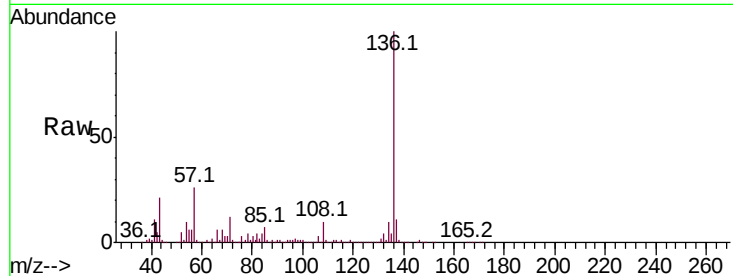
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111338.D
Acq: 12 Dec 2018 22:56

Instrument :
BNA_F
ClientSampleId :
HR-05-121118-A

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.1	13.7	
54	10.3	7.7	11.5	
68	6.3	4.9	7.3	

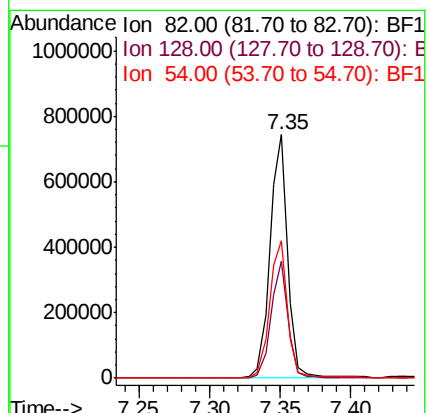
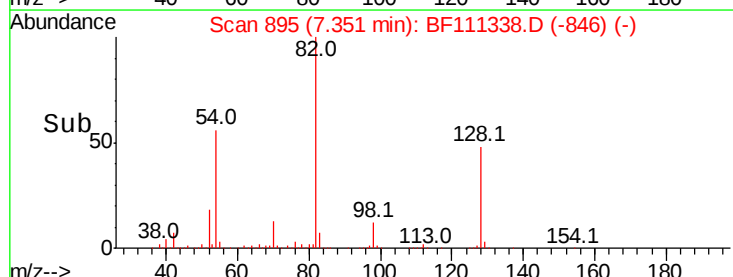
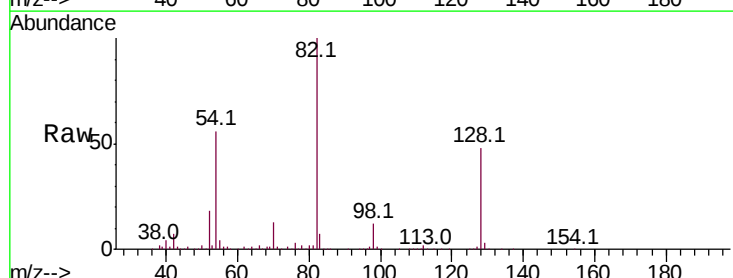
Manual Integrations
APPROVED

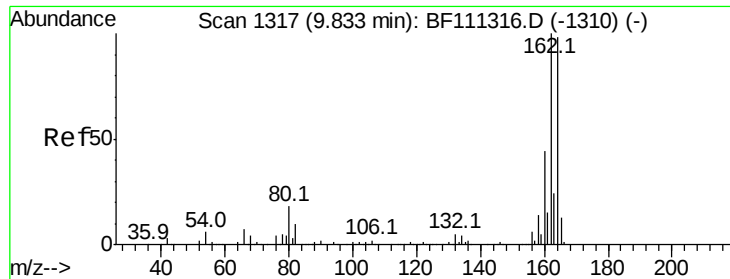
Sohil
12/13/2018 6:06:48 PM



#23
Nitrobenzene-d5
Concen: 39.638 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111338.D
Acq: 12 Dec 2018 22:56

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.8	37.4	56.2	
54	56.4	47.6	71.4	





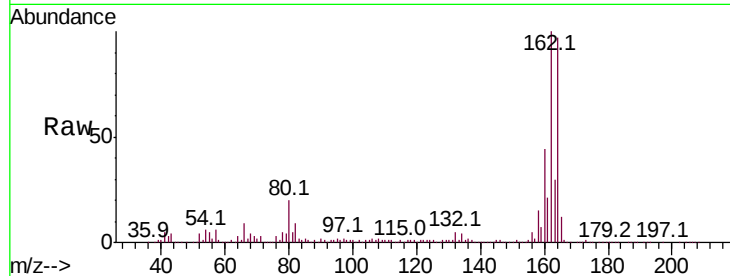
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF111338.D
 Acq: 12 Dec 2018 22:56

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-121118-A

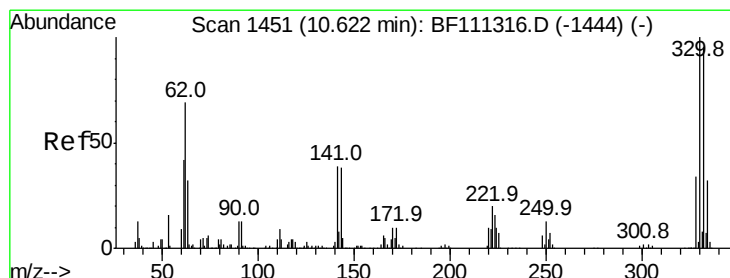
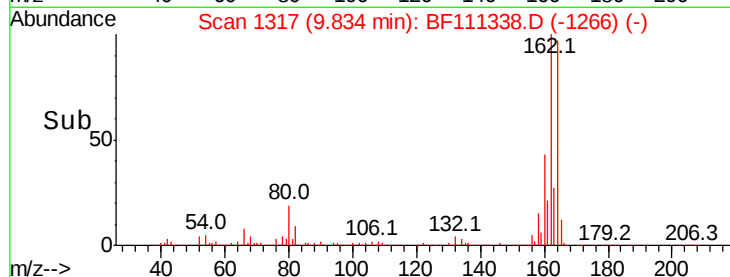
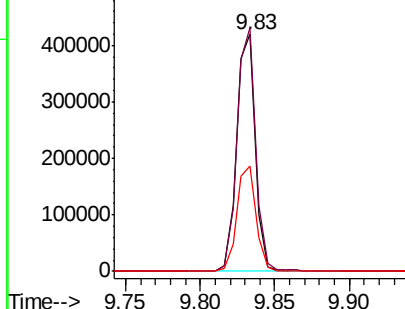
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.8	81.4	122.0	
160	44.7	35.7	53.5	

Manual Integrations
 APPROVED

Sohil
 12/13/2018 6:06:48 PM

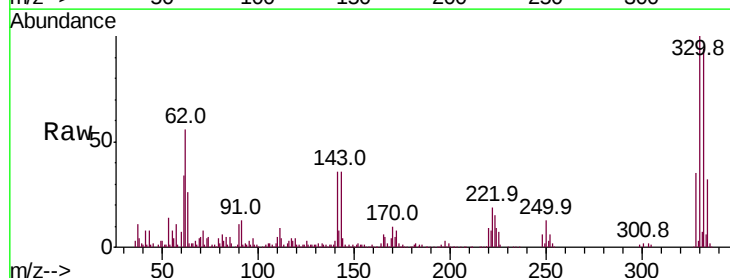


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

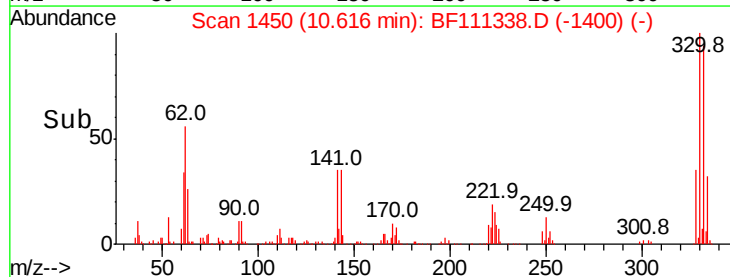
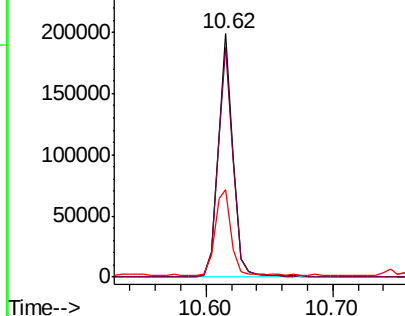


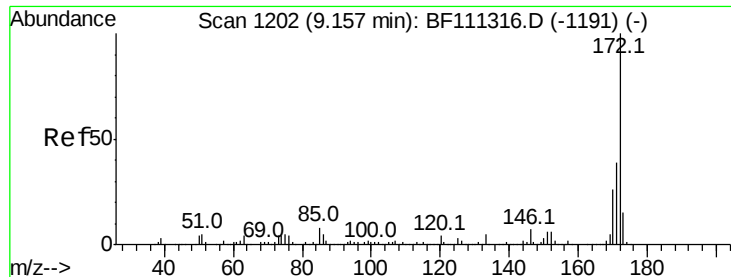
#42
 2,4,6-Tribromophenol
 Concen: 50.758 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111338.D
 Acq: 12 Dec 2018 22:56

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.1	76.0	114.0	
141	38.2	31.0	46.6	



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





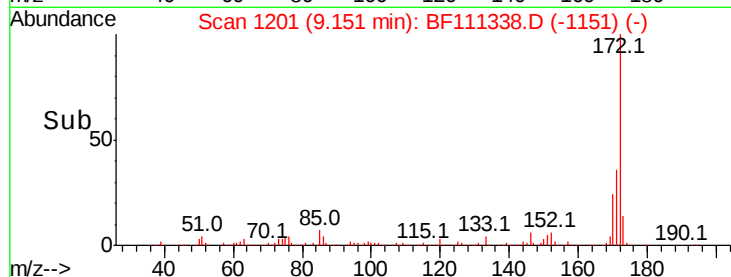
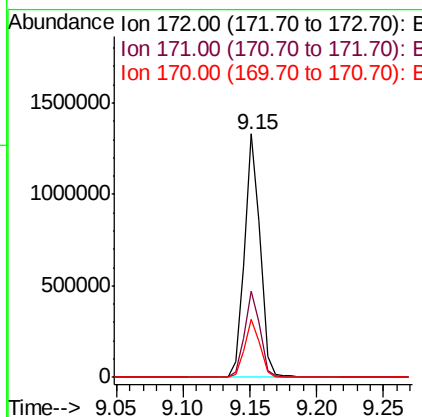
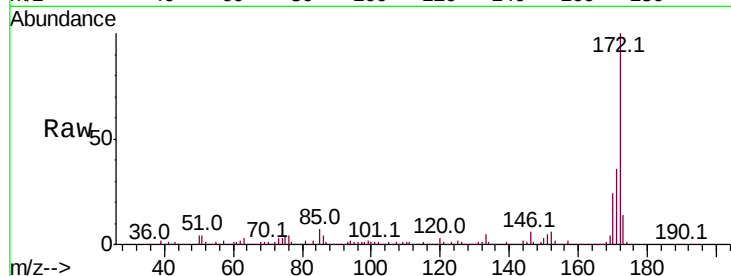
#45
2-Fluorobiphenyl
Concen: 47.099 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111338.D
Acq: 12 Dec 2018 22:56

Instrument :
BNA_F
ClientSampleId :
HR-05-121118-A

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	33.0	49.4
170	23.7	22.3	33.5

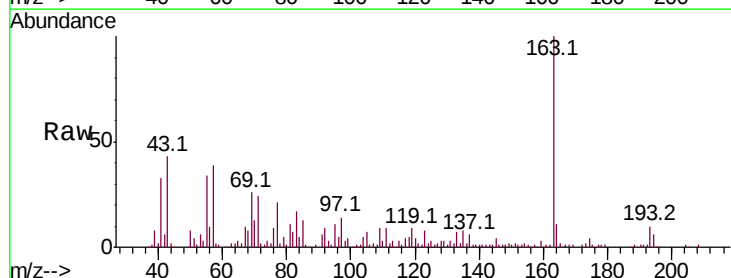
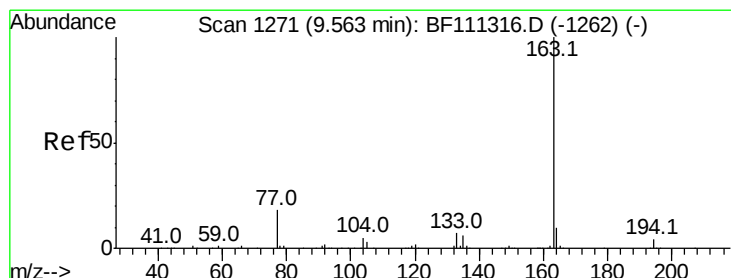
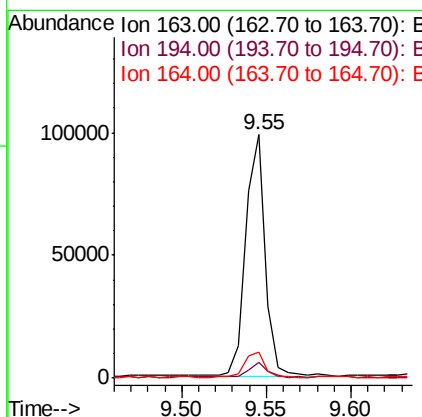
Manual Integrations
APPROVED

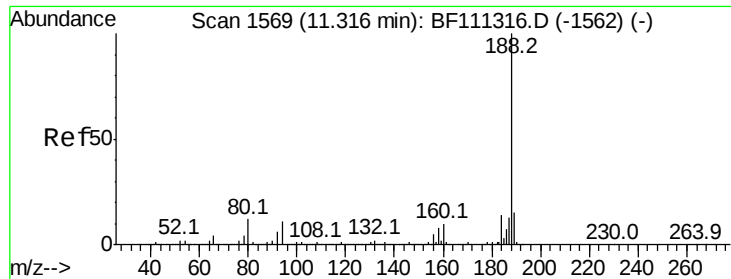
Sohil
12/13/2018 6:06:48 PM



#50
Dimethylphthalate
Concen: 3.013 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF111338.D
Acq: 12 Dec 2018 22:56

Tgt Ion	Ratio	Lower	Upper
163	100		
194	6.4	3.0	4.6#
164	10.9	8.9	13.3





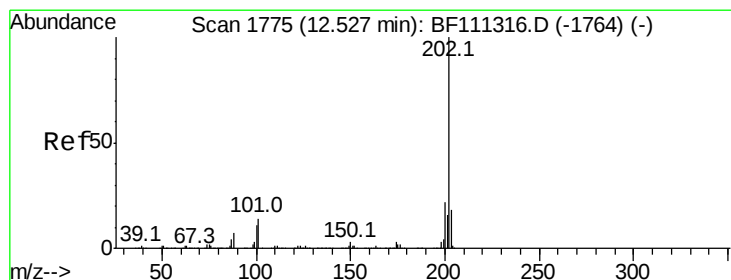
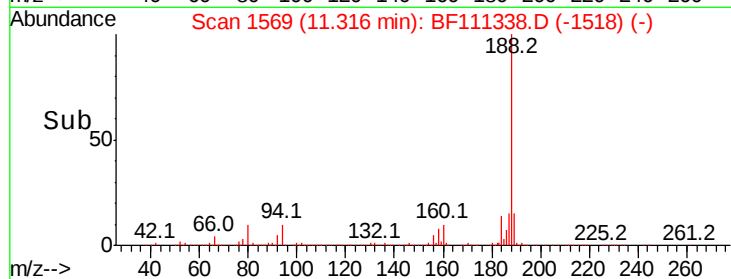
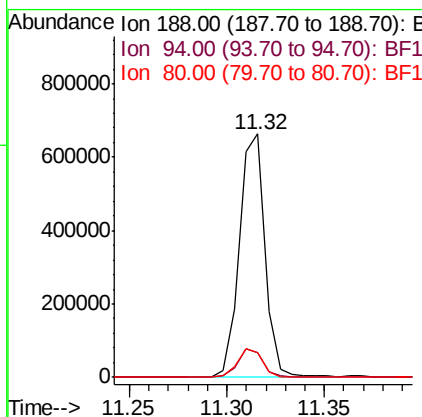
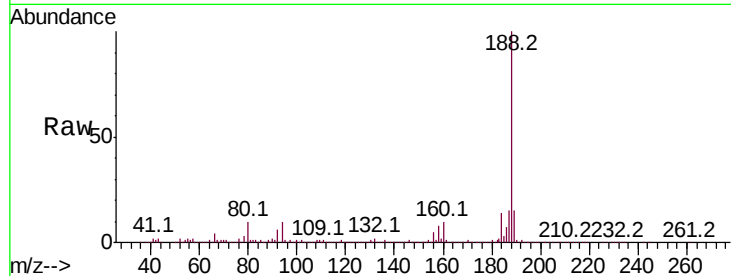
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF111338.D
Acq: 12 Dec 2018 22:56

Instrument :
BNA_F
ClientSampleId :
HR-05-121118-A

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.0	9.6	14.4
80	10.0	9.8	14.6

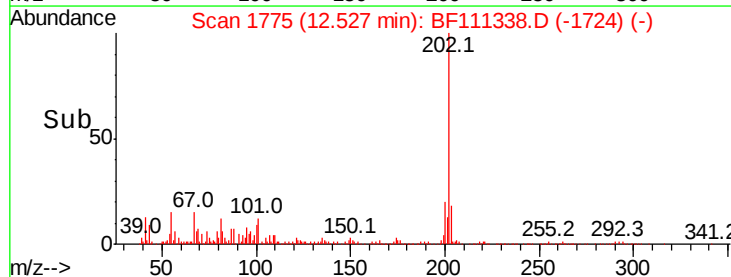
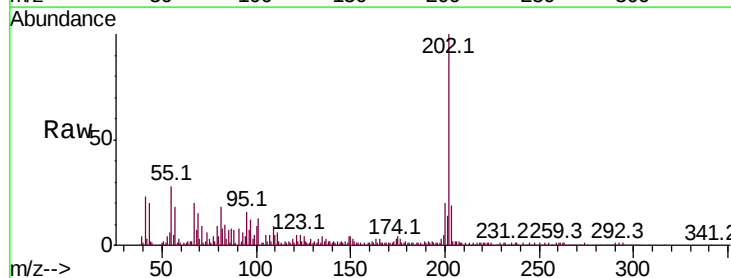
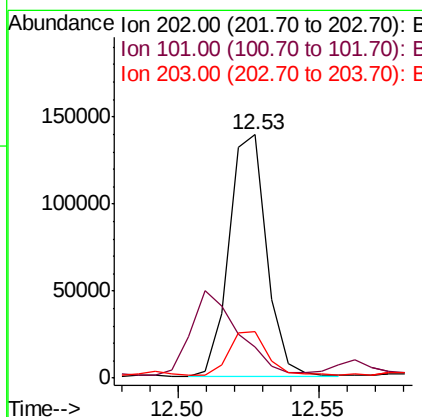
Manual Integrations
APPROVED

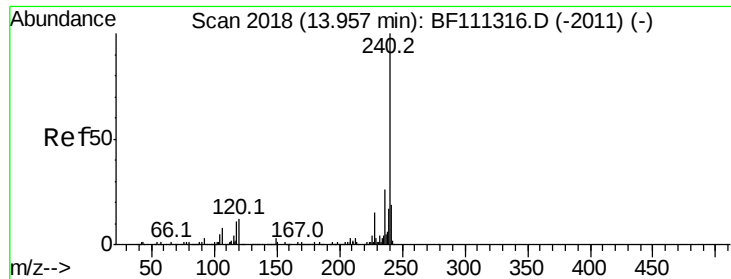
Sohil
12/13/2018 6:06:48 PM



#75
Fluoranthene
Concen: 4.221 ng
RT: 12.53 min Scan# 1775
Delta R.T. 0.00 min
Lab File: BF111338.D
Acq: 12 Dec 2018 22:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.6	0.0	33.8
203	19.2	0.0	38.6





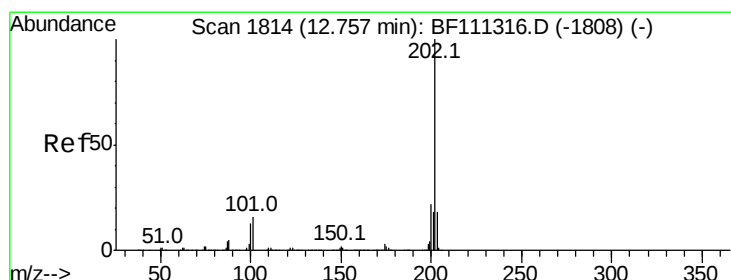
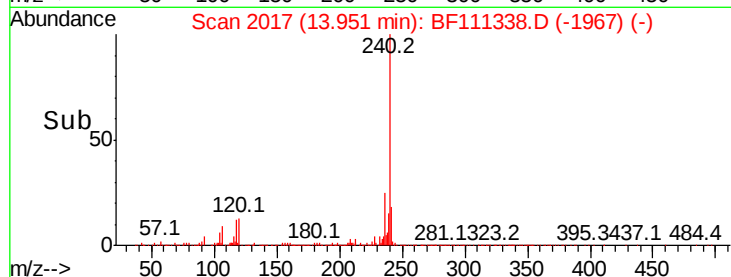
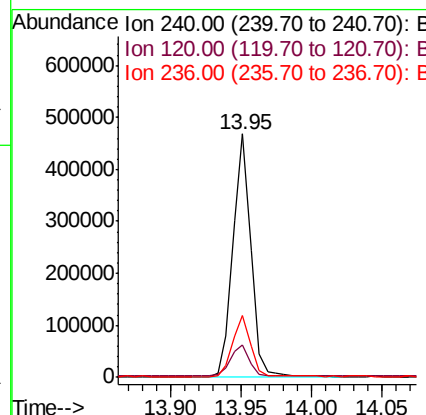
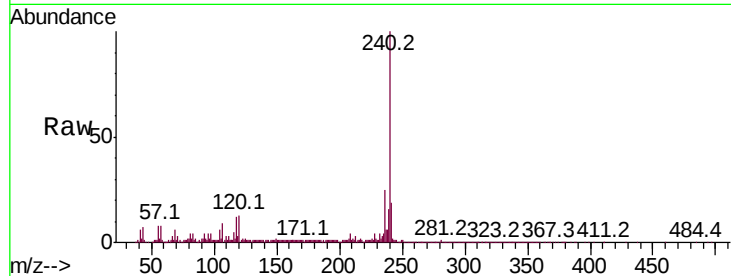
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF111338.D
Acq: 12 Dec 2018 22:56

Instrument :
BNA_F
ClientSampleId :
HR-05-121118-A

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.4	12.2	18.2
236	25.4	20.2	30.2

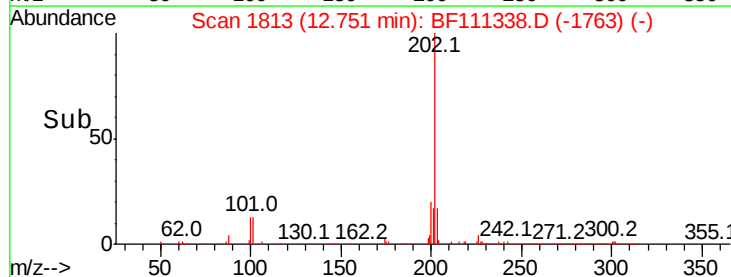
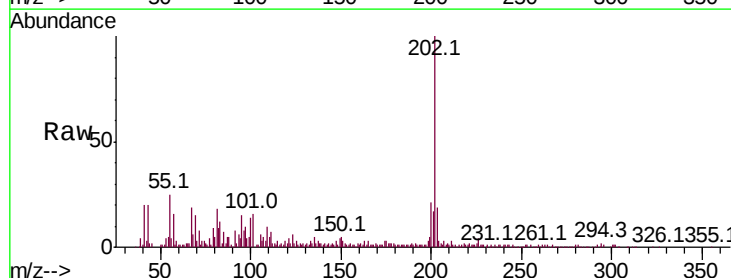
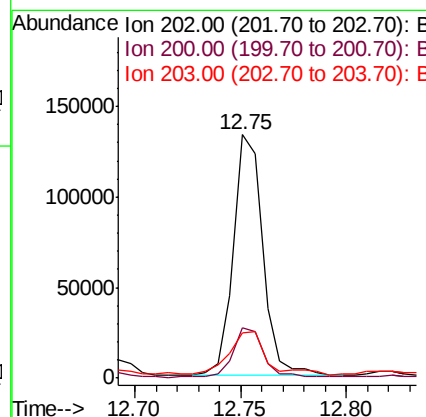
Manual Integrations
APPROVED

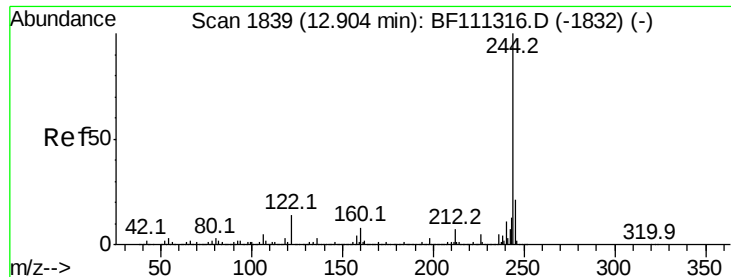
Sohil
12/13/2018 6:06:48 PM



#78
Pyrene
Concen: 4.014 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF111338.D
Acq: 12 Dec 2018 22:56

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	19.0	28.4
203	18.7	15.2	22.8





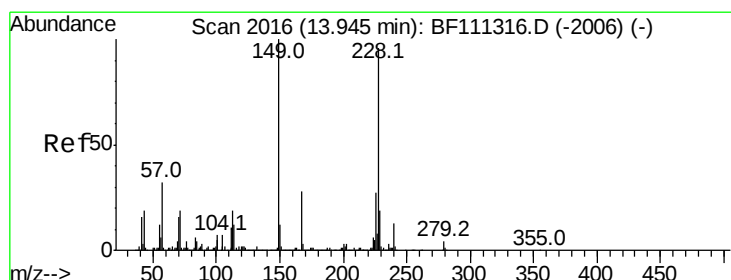
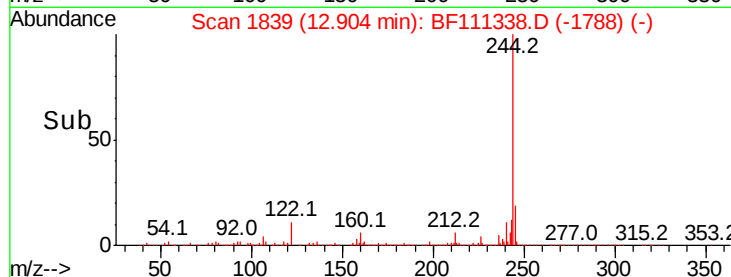
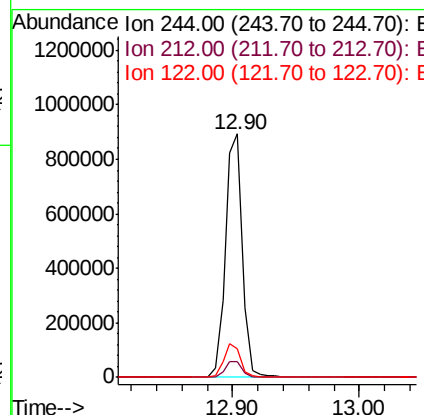
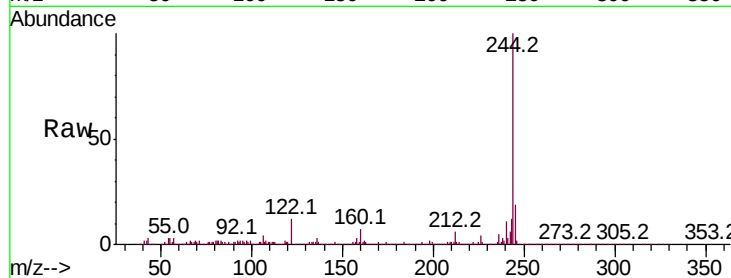
#79
 Terphenyl-d14
 Concen: 44.238 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. 0.00 min
 Lab File: BF111338.D
 Acq: 12 Dec 2018 22:56

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-121118-A

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.7	8.5
122	11.6	13.1	19.7

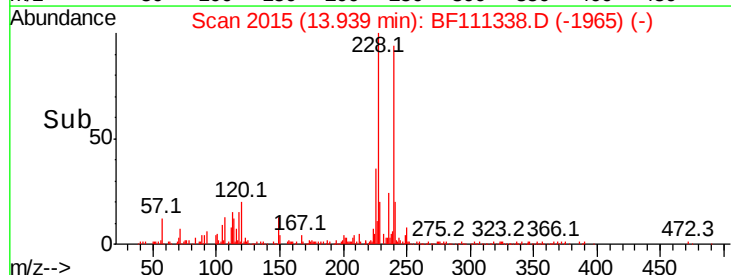
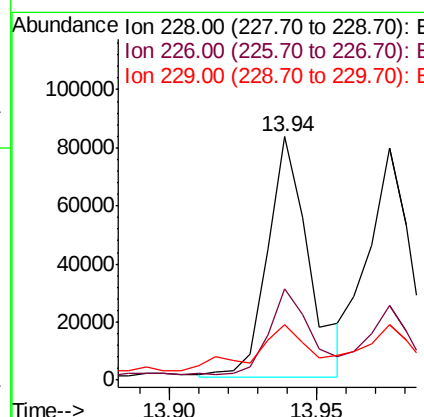
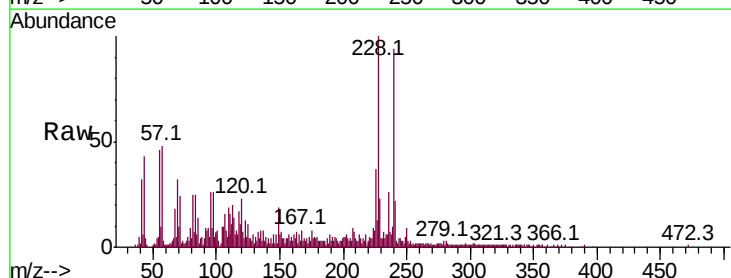
Manual Integrations
 APPROVED

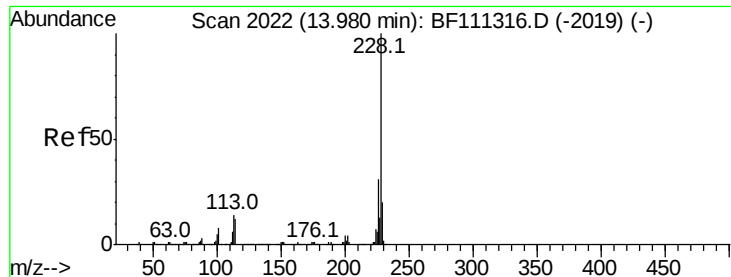
Sohil
 12/13/2018 6:06:48 PM



#81
 Benzo(a)anthracene
 Concen: 3.502 ng m
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF111338.D
 Acq: 12 Dec 2018 22:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	37.2	22.6	34.0
229	23.0	16.3	24.5





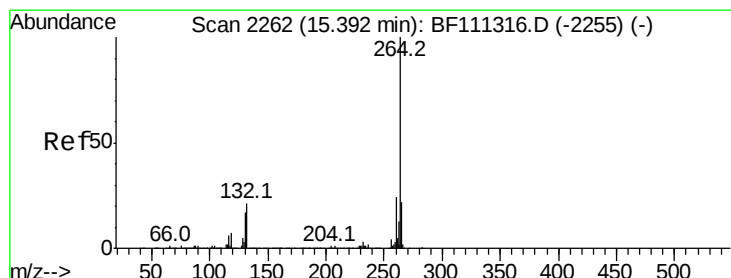
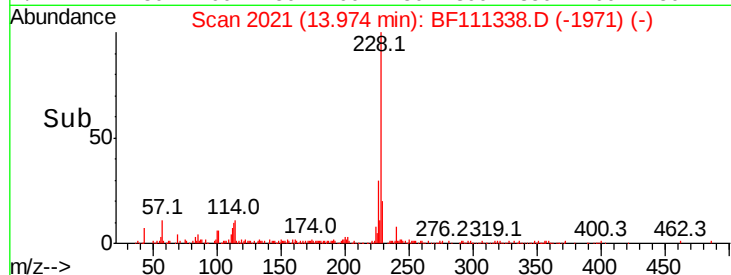
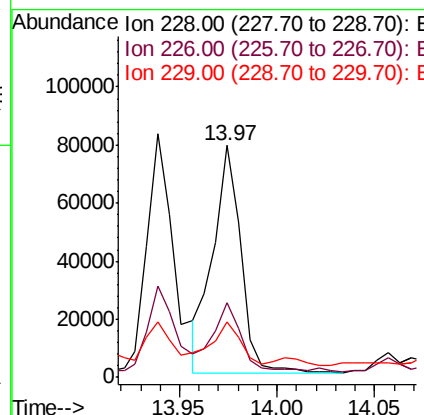
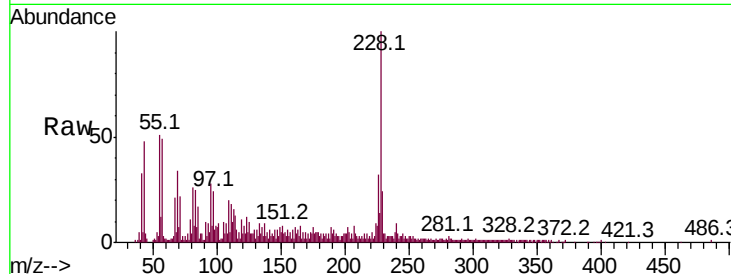
#83
Chrysene
Concen: 3.331 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF111338.D
Acq: 12 Dec 2018 22:56

Instrument :
BNA_F
ClientSampleId :
HR-05-121118-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.3	37.9
229	23.8	17.2	25.8

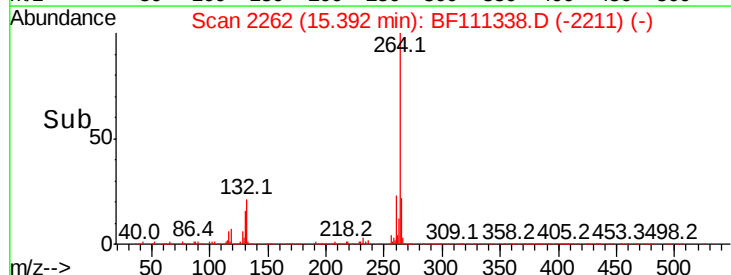
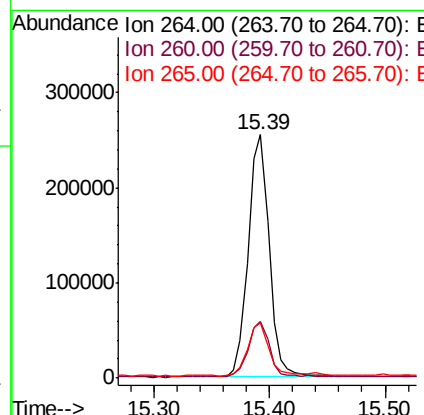
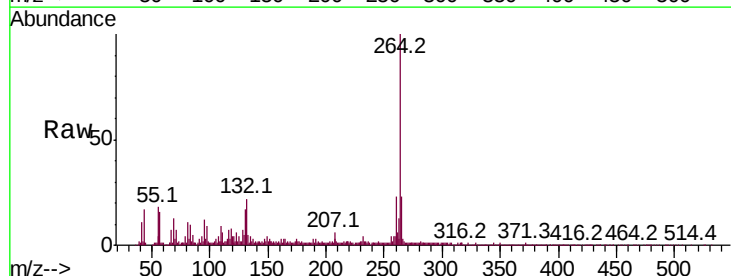
Manual Integrations
APPROVED

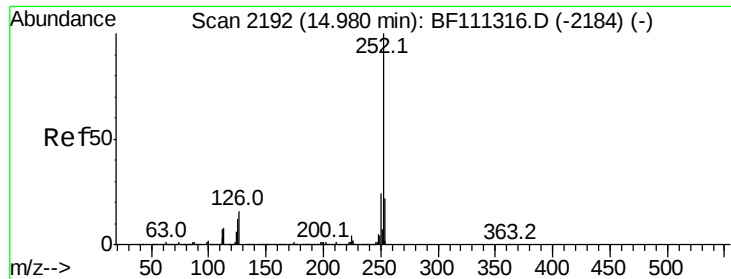
Sohil
12/13/2018 6:06:48 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.00 min
Lab File: BF111338.D
Acq: 12 Dec 2018 22:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.3	27.5
265	22.9	17.7	26.5





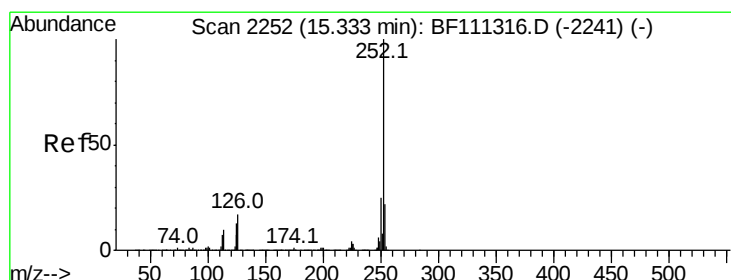
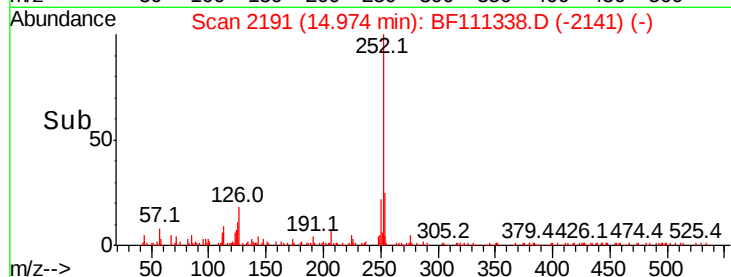
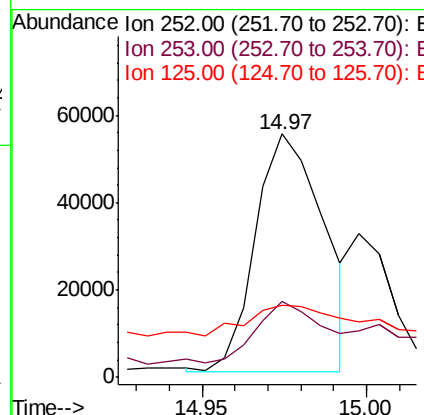
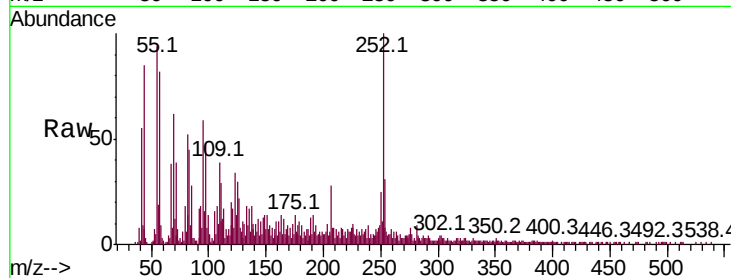
#88
Benzo(b)fluoranthene
Concen: 4.296 ng m
RT: 14.97 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BF111338.D
Acq: 12 Dec 2018 22:56

Instrument :
BNA_F
ClientSampleId :
HR-05-121118-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	31.3	18.2	27.2#
125	29.6	10.4	15.6#

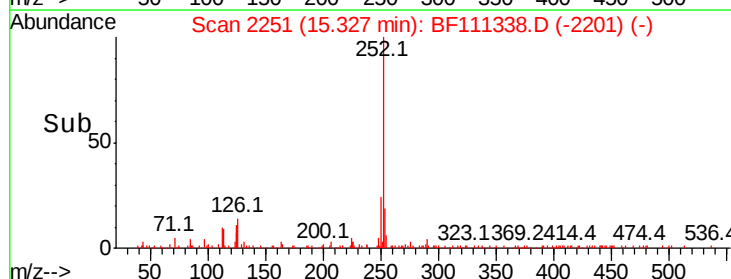
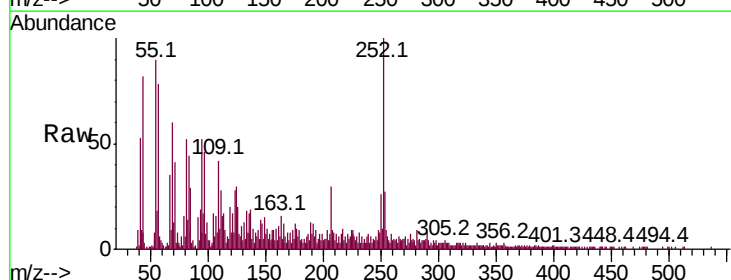
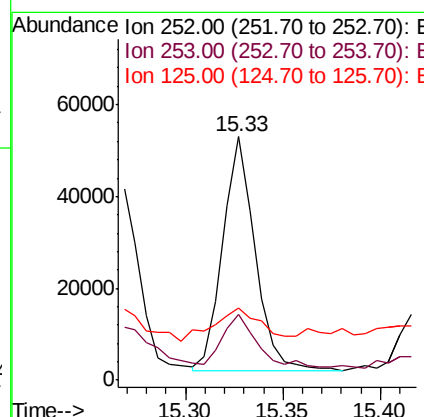
Manual Integrations
APPROVED

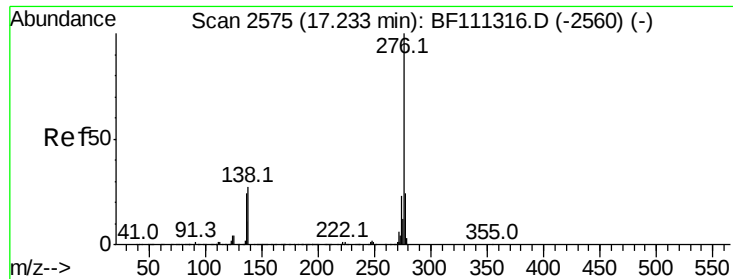
Sohil
12/13/2018 6:06:48 PM



#90
Benzo(a)pyrene
Concen: 3.430 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BF111338.D
Acq: 12 Dec 2018 22:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.9	17.8	26.8#
125	29.6	12.3	18.5#





#92
 Benzo(a,h,i)perylene
 Concen: 2.258 ng
 RT: 17.22 min Scan# 2573
 Delta R.T. -0.01 min
 Lab File: BF111338.D
 Acq: 12 Dec 2018 22:56

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-121118-A

Tot Ion:	276	Resp:	32251
Ion Ratio	Lower	Upper	
276	100		
277	27.1	19.2	28.8
138	33.6	24.9	37.3

Manual Integrations
 APPROVED

Sohil
 12/13/2018 6:06:48 PM

