

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\
 Data File : BF112219.D
 Acq On : 24 Jan 2019 20:01
 Operator : JU/SJ
 Sample : K1223-07 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-S

Manual Integrations
 APPROVED

Sohil
 1/25/2019 10:05:21 AM

Quant Time: Jan 25 00:42:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 19 01:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	211480	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	784582	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	281772	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	567078	20.00	ng	0.00
76) Chrysene-d12	14.03	240	425673	20.00	ng	0.00
87) Perylene-d12	15.51	264	310303	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	556504	47.76	ng	0.00
7) Phenol-d6	6.50	99	688456	47.23	ng	0.00
23) Nitrobenzene-d5	7.42	82	397056	34.96	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	168756	55.52	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	593365	30.87	ng	0.00
79) Terphenyl-d14	12.96	244	602144	30.09	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.60	163	67288	3.275	ng	99
71) Phenanthrene	11.40	178	121771	4.267	ng	98
75) Fluoranthene	12.60	202	187036	6.207	ng	97
78) Pyrene	12.83	202	161373	5.746	ng	99
80) Butylbenzylphthalate	13.43	149	25849	2.098	ng	# 87
81) Benzo(a)anthracene	14.02	228	72424	2.967	ng	96
83) Chrysene	14.06	228	71134	3.080	ng	97
88) Benzo(b)fluoranthene	15.07	252	72337m	4.107	ng	
90) Benzo(a)pyrene	15.44	252	44134	2.732	ng	# 69

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

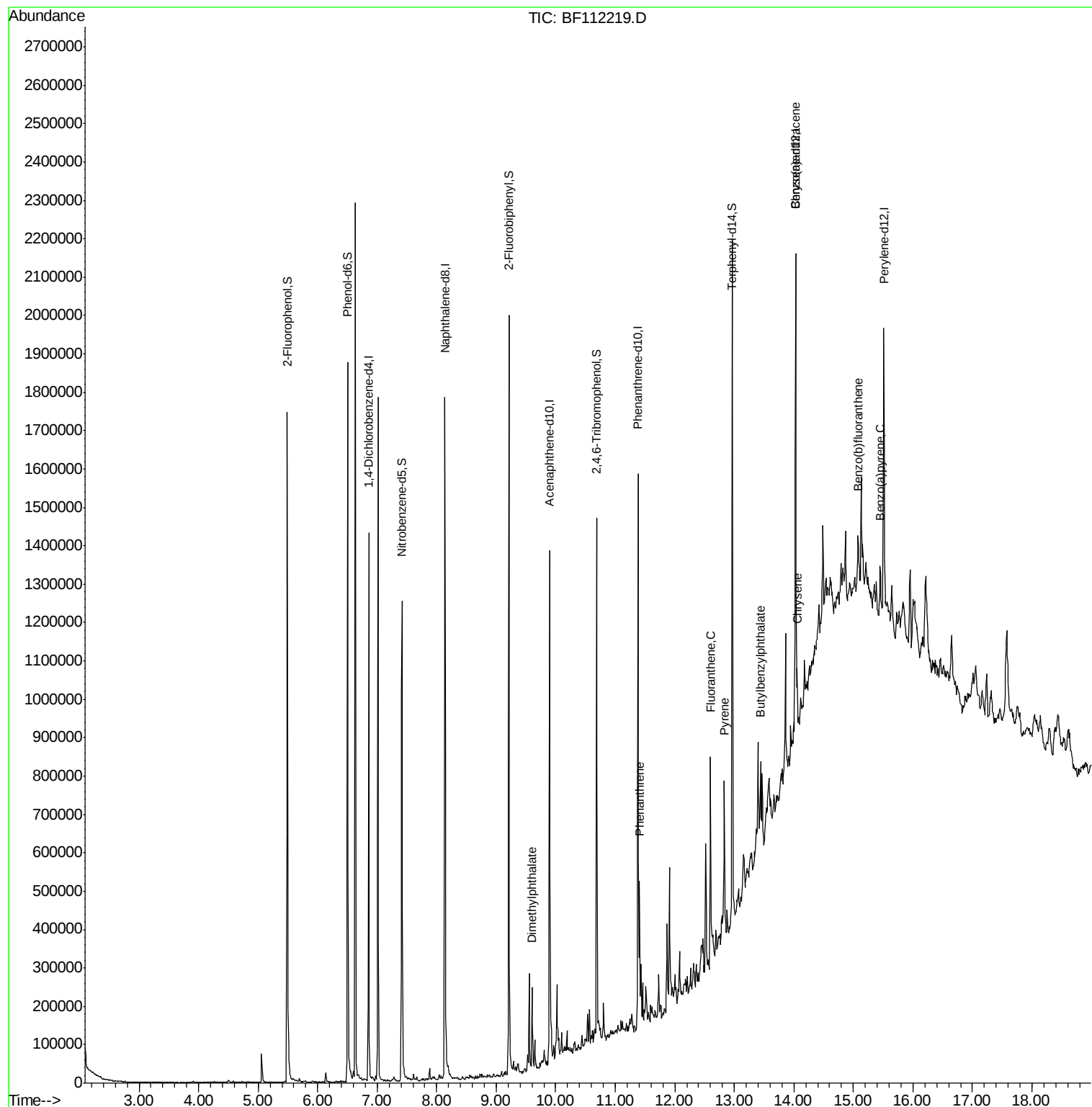
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\
Data File : BF112219.D
Acq On : 24 Jan 2019 20:01
Operator : JU/SJ
Sample : K1223-07 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

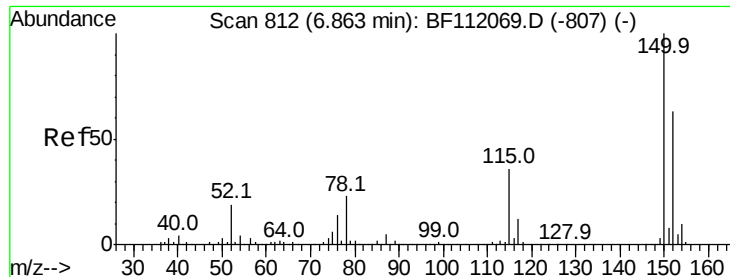
Instrument :
BNA_F
ClientSampled :
TS-S

Manual Integrations
APPROVED

Sohil
1/25/2019 10:05:21 AM

Quant Time: Jan 25 00:42:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 19 01:02:12 2019
Response via : Initial Calibration





#1

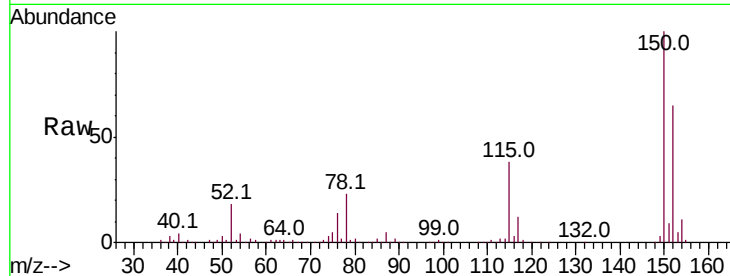
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF112219.D
Acq: 24 Jan 2019 20:01

Instrument :
BNA_F
ClientSampled :
TS-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	127.4	191.0
115	58.9	45.5	68.3

Manual Integrations
APPROVED

Sohil
1/25/2019 10:05:21 AM

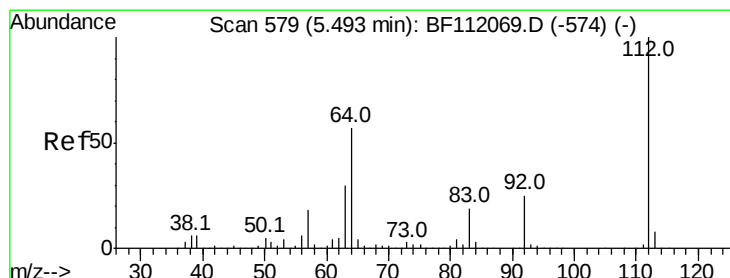
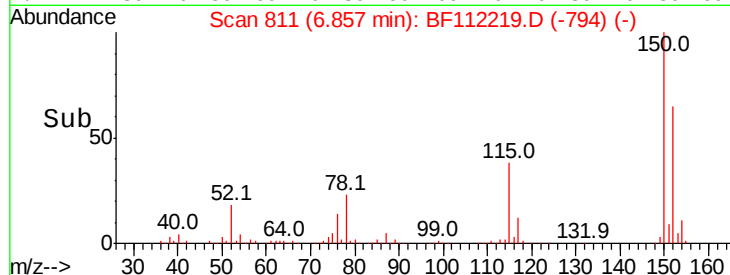
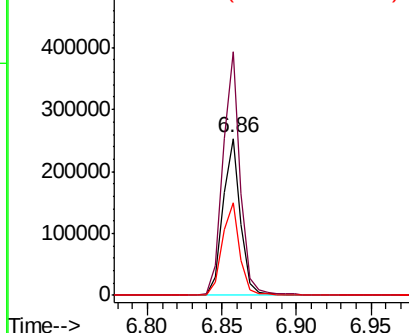


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

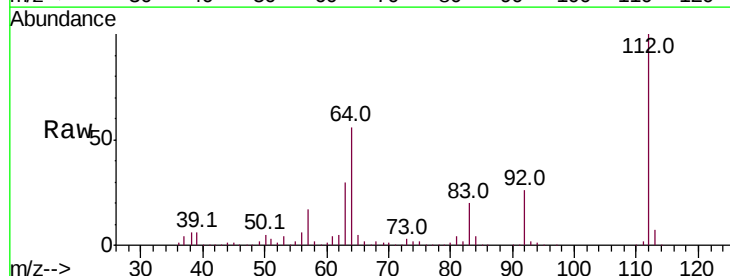
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 47.762 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF112219.D
Acq: 24 Jan 2019 20:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.8	45.7	68.5
63	30.4	23.6	35.4

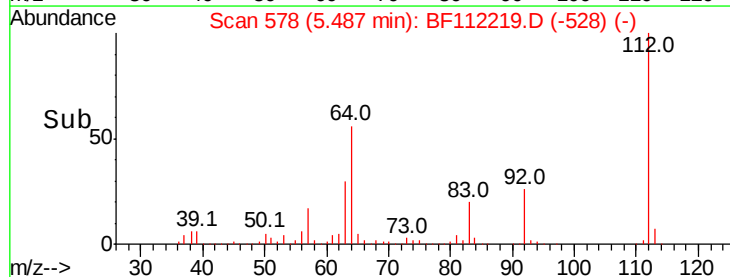
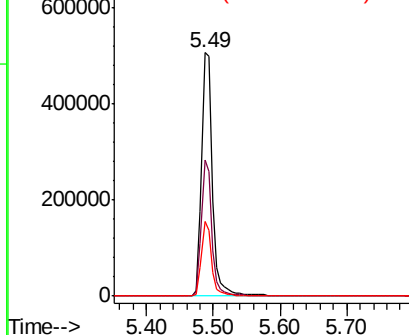


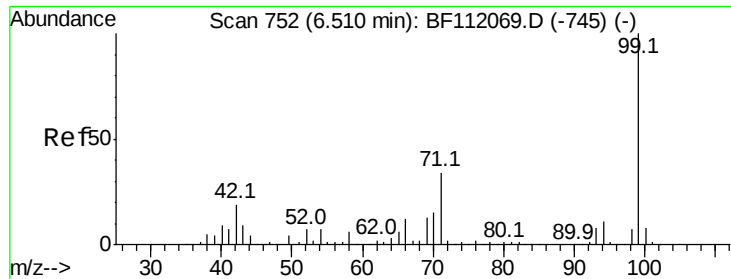
Abundance

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: 47.226 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF112219.D

Acq: 24 Jan 2019 20:01

Instrument :

BNA_F

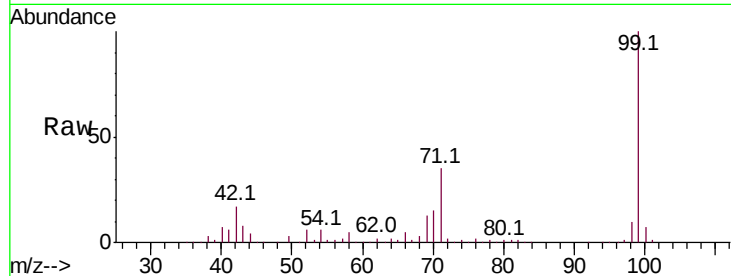
ClientSampled :

TS-S

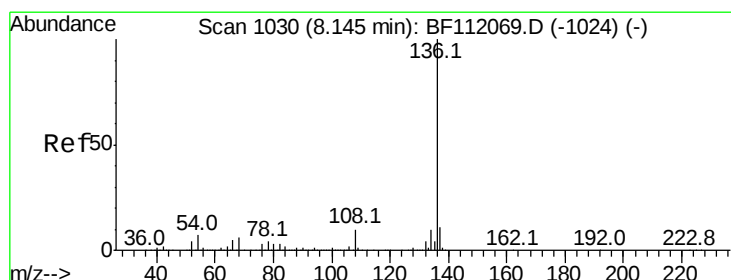
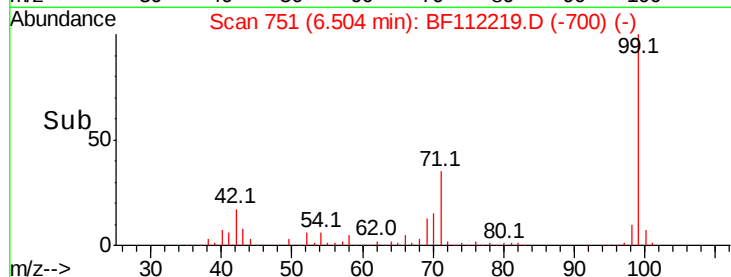
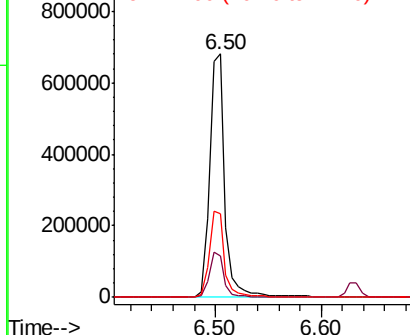
Tot Ion:	99	Resp:	688456
Ion Ratio	Lower	Upper	
99	100		
42	16.9	15.1	22.7
71	34.6	26.9	40.3

Manual Integrations
APPROVED

Sohil
1/25/2019 10:05:21 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: 8.14 min Scan# 1029

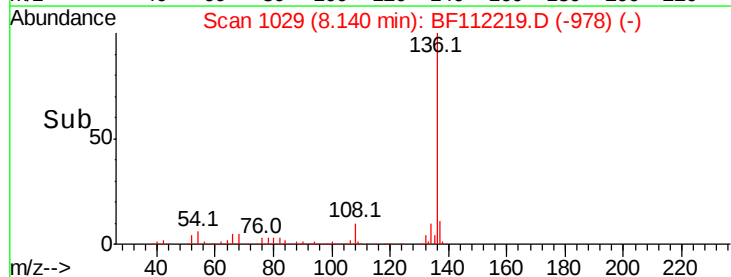
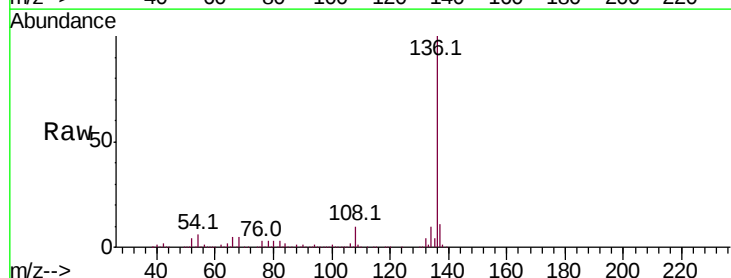
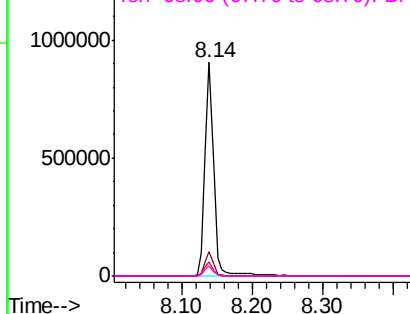
Delta R.T. 0.00 min

Lab File: BF112219.D

Acq: 24 Jan 2019 20:01

Tgt Ion:	136	Resp:	784582
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.1	13.7
54	6.5	5.9	8.9
68	5.0	5.1	7.7#

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: 34.964 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF112219.D

Acq: 24 Jan 2019 20:01

Instrument :

BNA_F

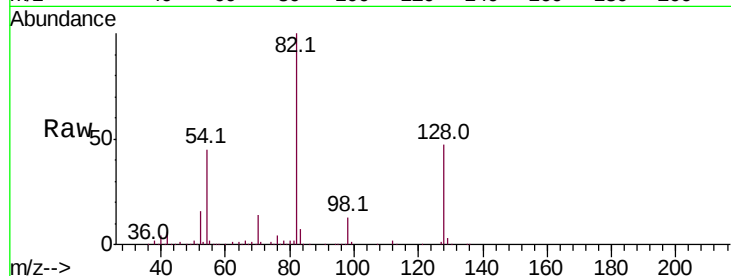
ClientSampled :

TS-S

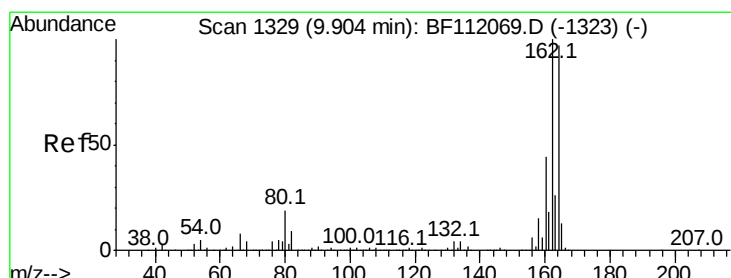
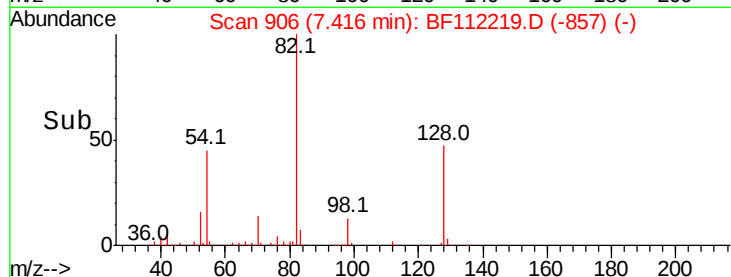
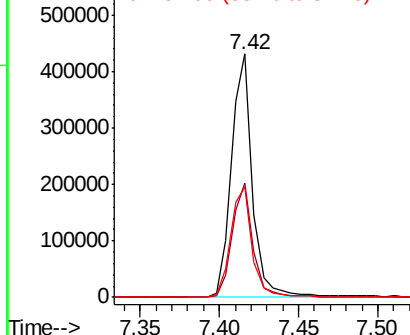
Tot Ion:	82	Resp:	397056
Ion Ratio	Lower	Upper	
82	100		
128	47.0	37.8	56.8
54	45.5	39.7	59.5

Manual Integrations
APPROVED

Sohil
1/25/2019 10:05:21 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: 9.89 min Scan# 1327

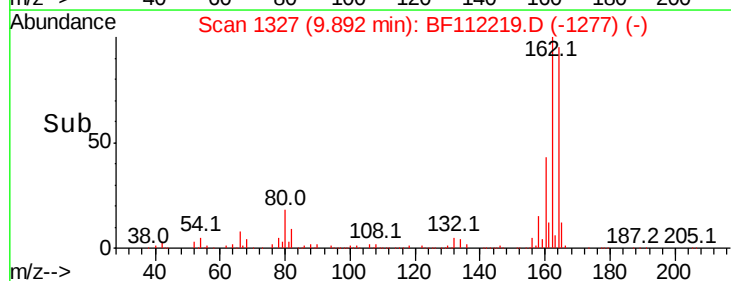
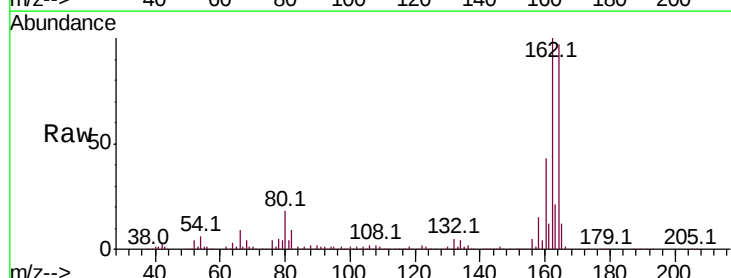
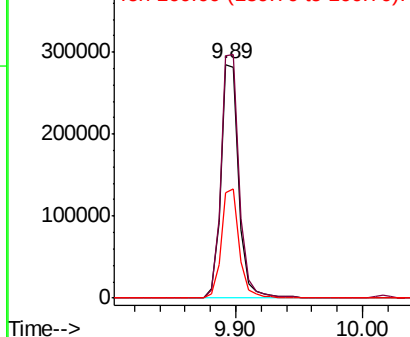
Delta R.T. -0.01 min

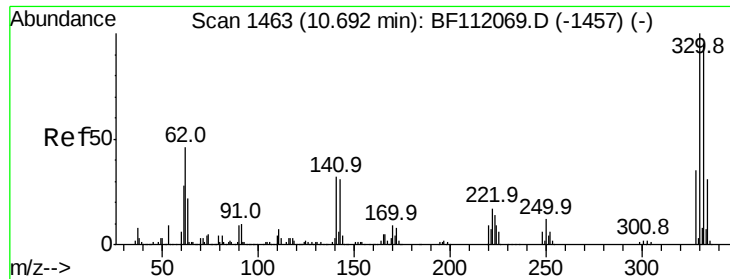
Lab File: BF112219.D

Acq: 24 Jan 2019 20:01

Tgt Ion:	164	Resp:	281772
Ion Ratio	Lower	Upper	
164	100		
162	103.3	82.2	123.4
160	44.8	36.2	54.4

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





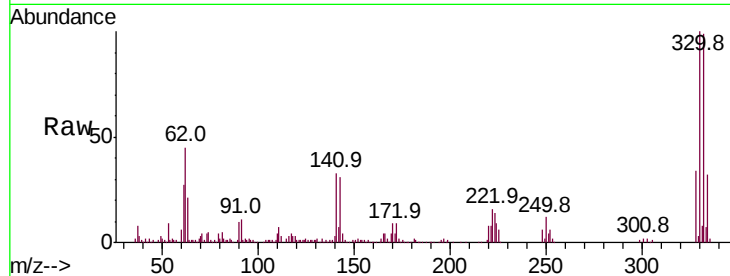
#42
 2,4,6-Tribromophenol
 Concen: 55.517 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF112219.D
 Acq: 24 Jan 2019 20:01

Instrument :
 BNA_F
 ClientSampled :
 TS-S

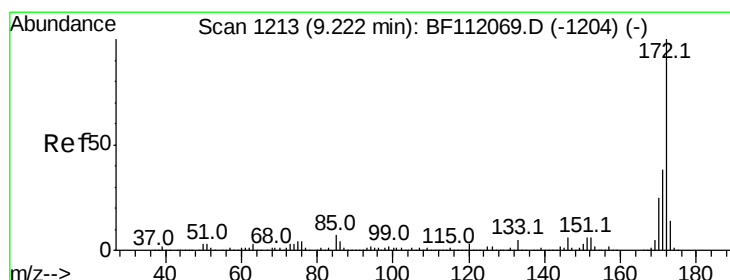
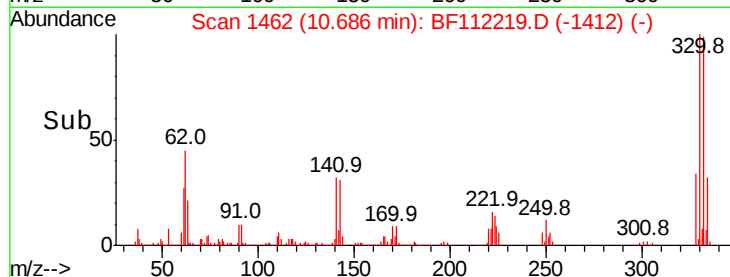
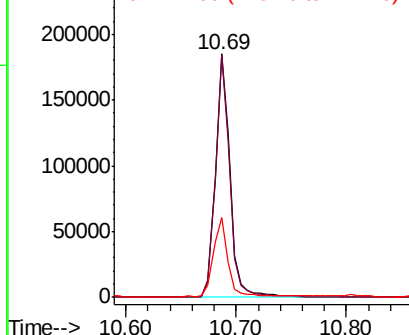
Tot Ion	Ratio	Resp	Lower	Upper
330	100	168756		
332	97.2	76.6	114.8	
141	32.3	24.3	36.5	

Manual Integrations
 APPROVED

Sohil
 1/25/2019 10:05:21 AM

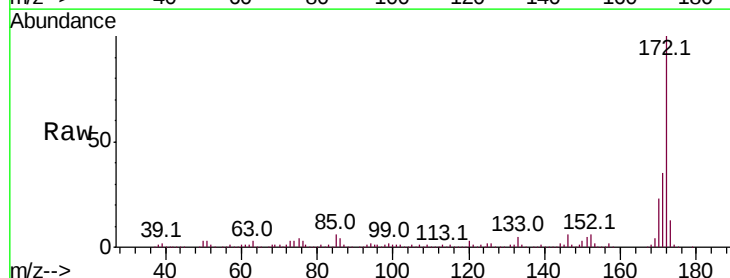


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

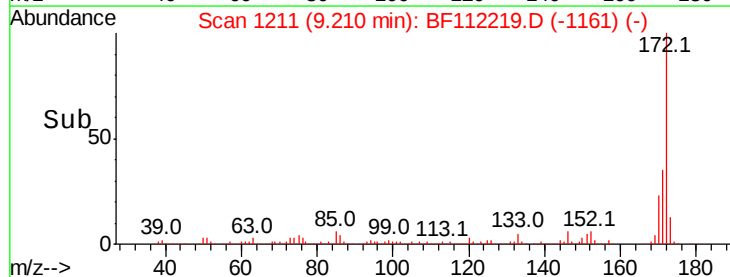
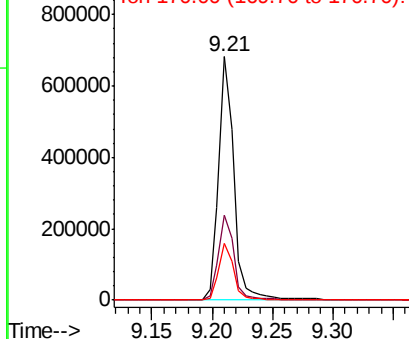


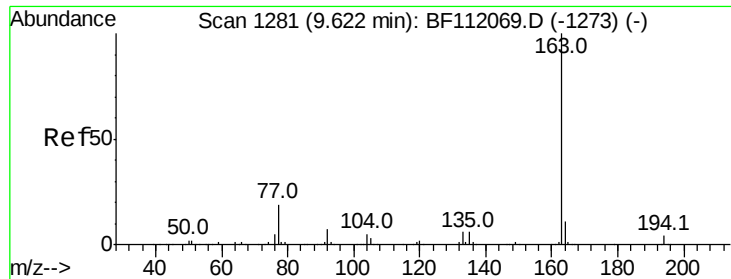
#45
 2-Fluorobiphenyl
 Concen: 30.874 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF112219.D
 Acq: 24 Jan 2019 20:01

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	593365		
171	34.7	30.5	45.7	
170	23.1	20.2	30.4	



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





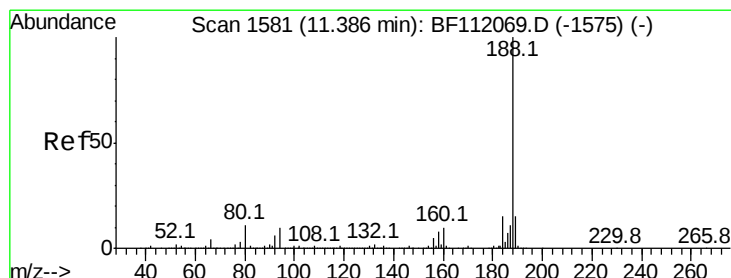
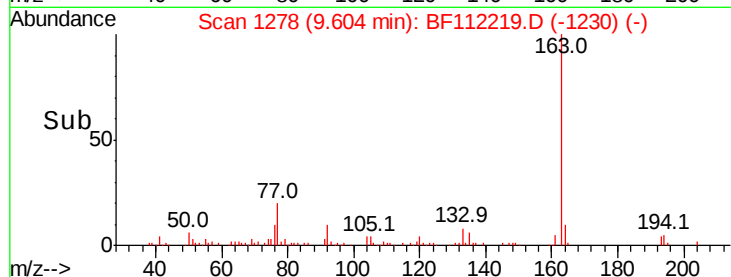
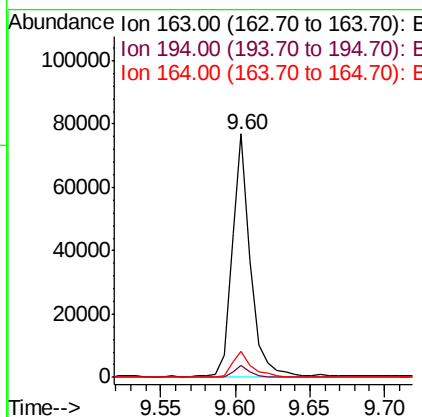
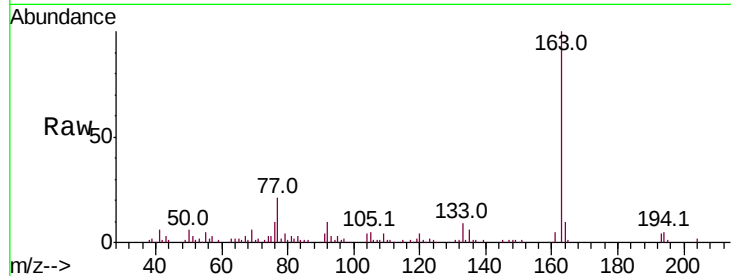
#50
Dimethylphthalate
Concen: 3.275 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF112219.D
Acq: 24 Jan 2019 20:01

Instrument :
BNA_F
ClientSampled :
TS-S

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.3	4.9
164	10.4	8.5	12.7

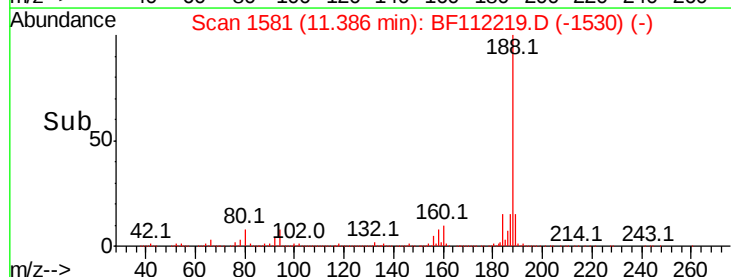
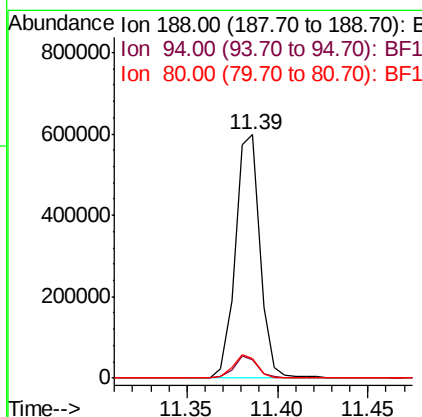
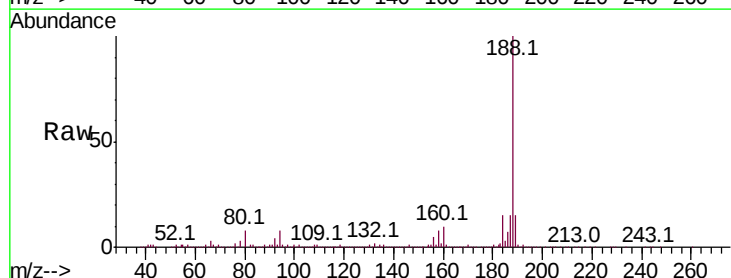
Manual Integrations
APPROVED

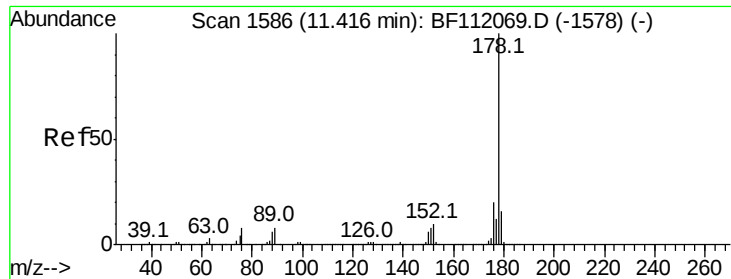
Sohil
1/25/2019 10:05:21 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.00 min
Lab File: BF112219.D
Acq: 24 Jan 2019 20:01

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	8.2	12.2#
80	7.9	8.9	13.3#





#71

Phenanthrene

Concen: 4.267 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF112219.D

Acq: 24 Jan 2019 20:01

Instrument :

BNA_F

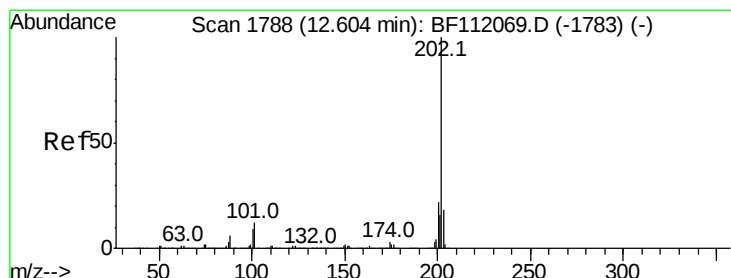
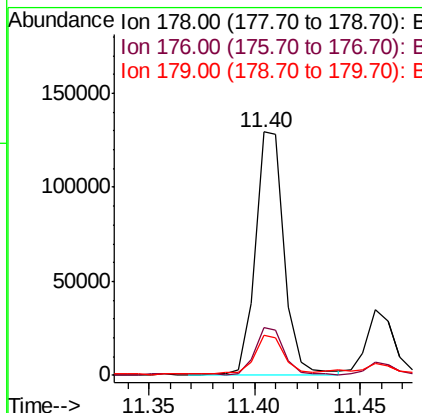
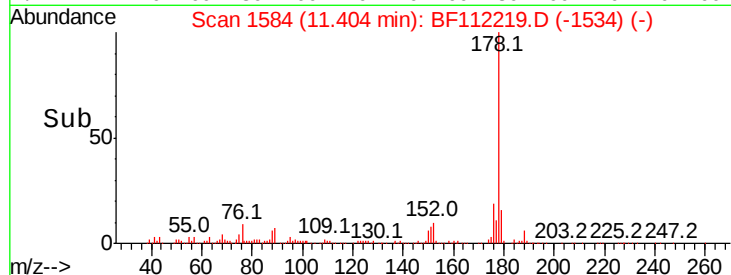
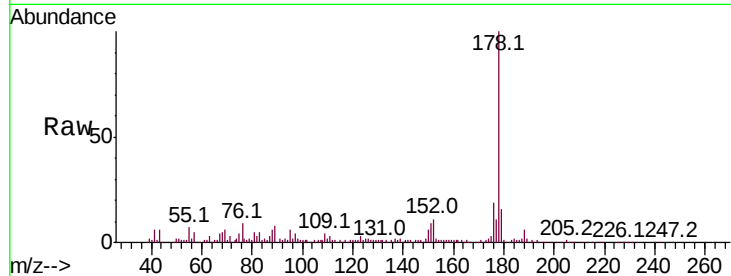
ClientSampleId :

TS-S

Tot Ion:178	Resp:	121771
Ion Ratio	Lower	Upper
178	100	
176	19.4	16.3 24.5
179	16.5	13.0 19.4

Manual Integrations
APPROVED

Sohil
1/25/2019 10:05:21 AM



#75

Fluoranthene

Concen: 6.207 ng

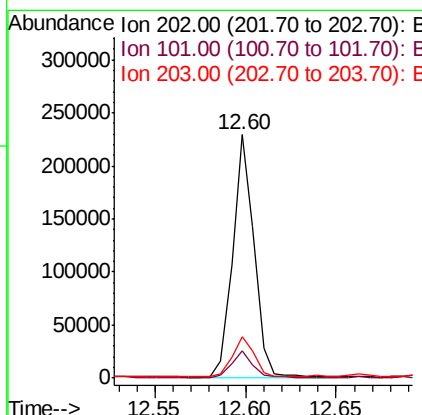
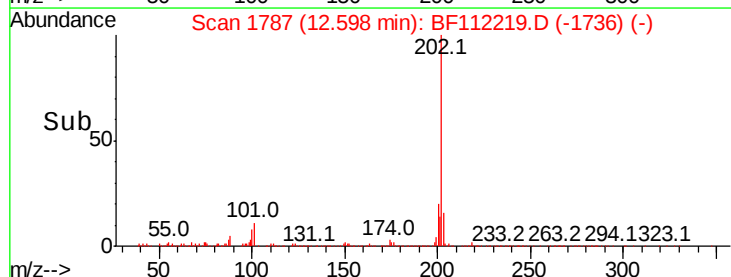
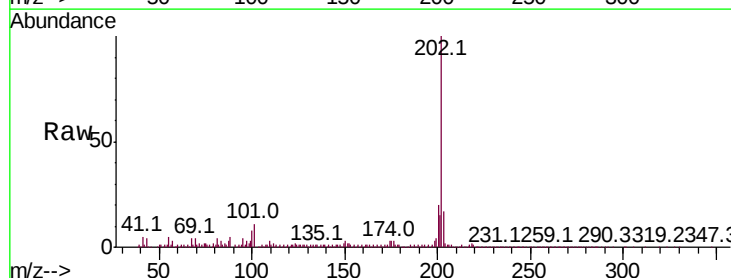
RT: 12.60 min Scan# 1787

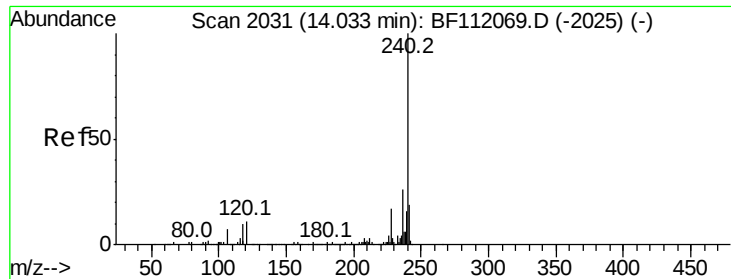
Delta R.T. 0.00 min

Lab File: BF112219.D

Acq: 24 Jan 2019 20:01

Tgt Ion:202	Resp:	187036
Ion Ratio	Lower	Upper
202	100	
101	11.2	0.0 31.8
203	16.9	0.0 38.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BF112219.D

Acq: 24 Jan 2019 20:01

Instrument :

BNA_F

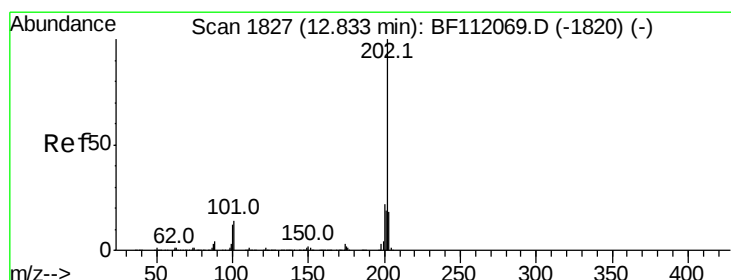
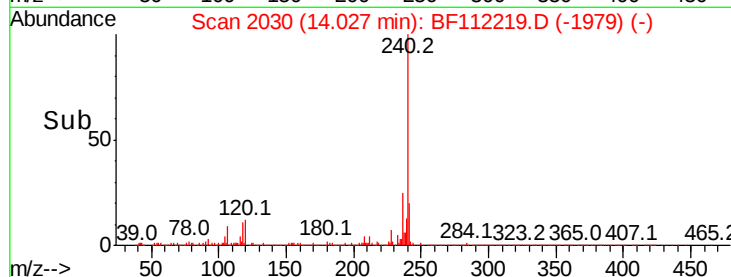
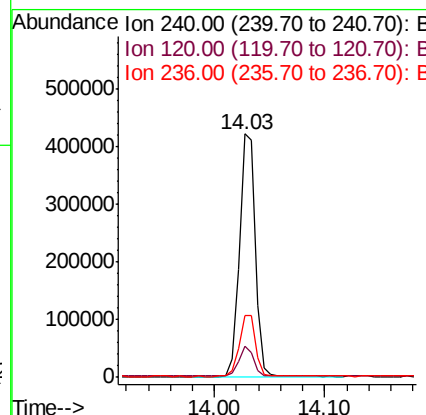
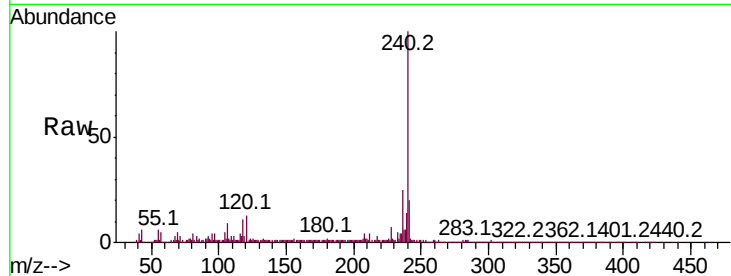
ClientSampled :

TS-S

Tot Ion:	240	Resp:	425673
Ion Ratio	Lower	Upper	
240	100		
120	12.6	9.0	13.6
236	25.3	20.7	31.1

Manual Integrations
APPROVED

Sohil
1/25/2019 10:05:21 AM



#78

Pyrene

Concen: 5.746 ng

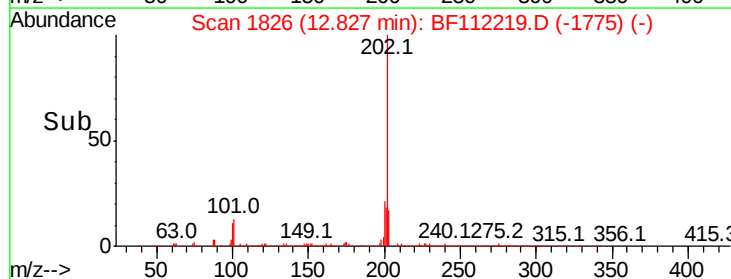
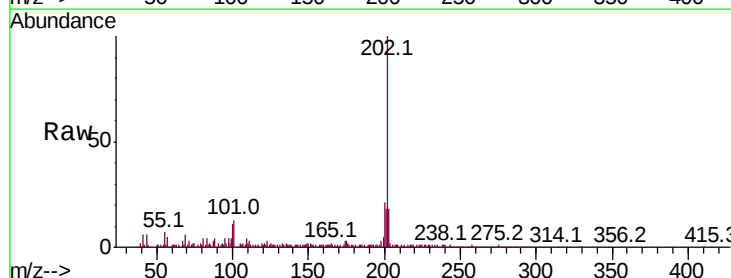
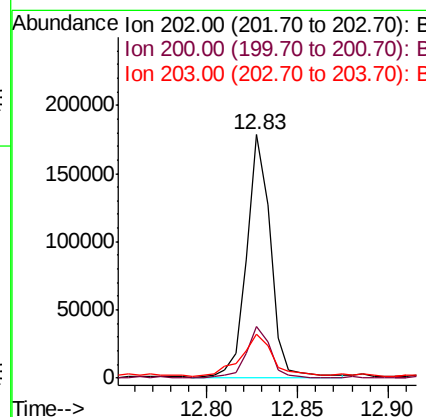
RT: 12.83 min Scan# 1826

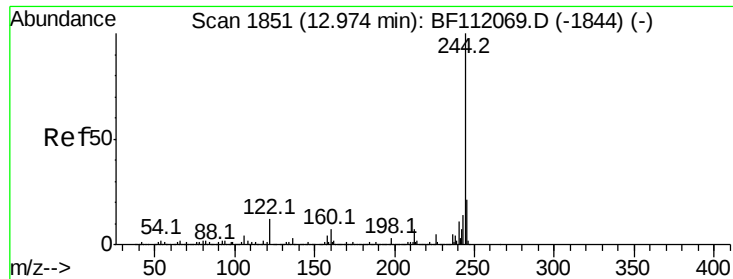
Delta R.T. 0.00 min

Lab File: BF112219.D

Acq: 24 Jan 2019 20:01

Tgt Ion:	202	Resp:	161373
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.7	26.5
203	18.2	14.6	22.0





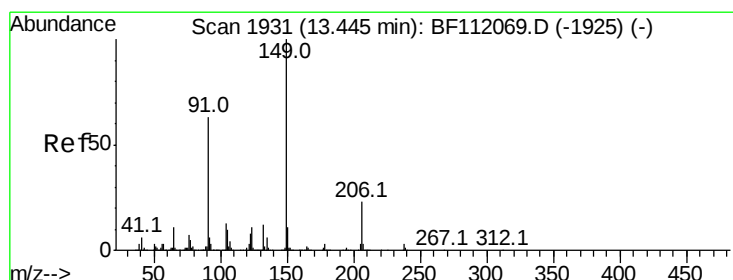
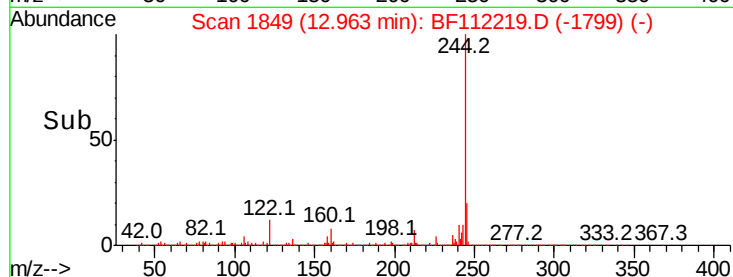
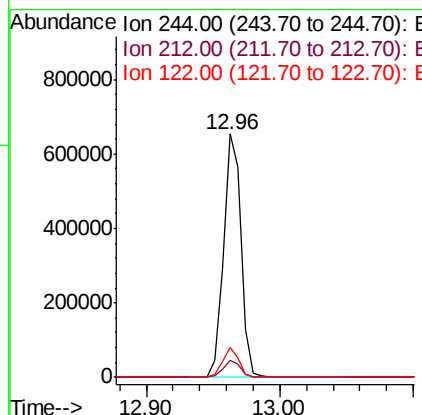
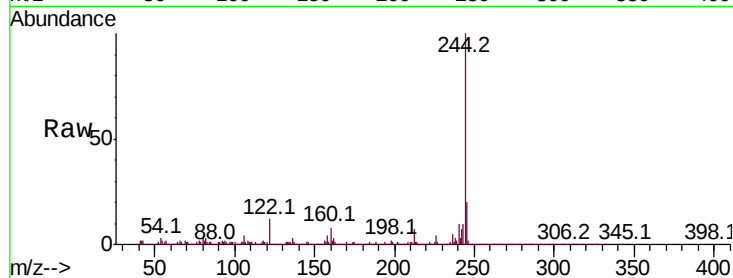
#79
 Terphenyl-d14
 Concen: 30.093 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF112219.D
 Acq: 24 Jan 2019 20:01

Instrument :
 BNA_F
 ClientSampleId :
 TS-S

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	12.2	9.8	14.6

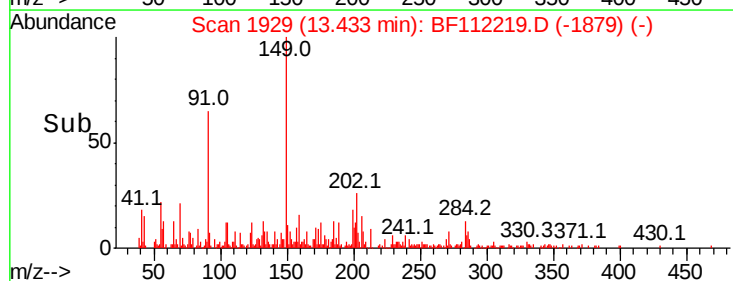
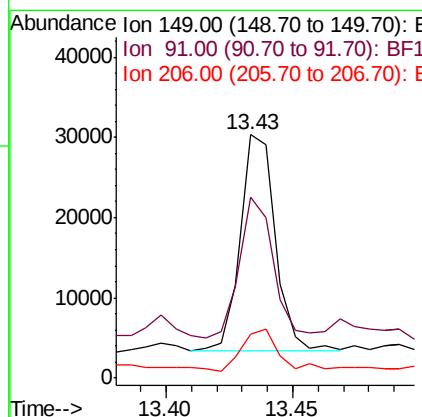
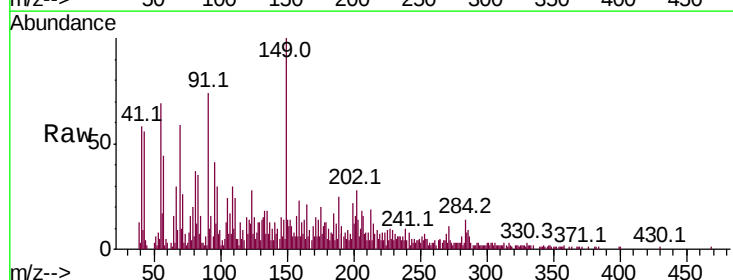
Manual Integrations
 APPROVED

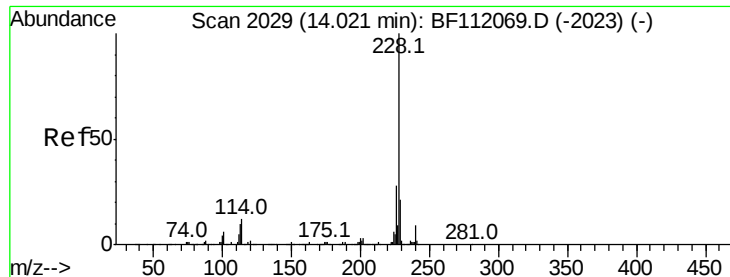
Sohil
 1/25/2019 10:05:21 AM



#80
 Butylbenzylphthalate
 Concen: 2.098 ng
 RT: 13.43 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: BF112219.D
 Acq: 24 Jan 2019 20:01

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.1	50.3	75.5
206	17.8	18.2	27.4





#81

Benzo(a)anthracene

Concen: 2.967 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BF112219.D

Acq: 24 Jan 2019 20:01

Instrument :

BNA_F

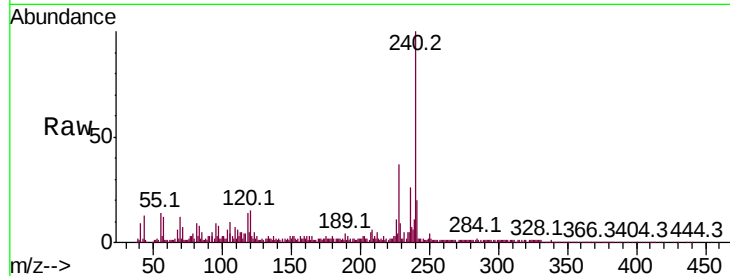
ClientSampleId :

TS-S

Tot Ion:	228	Resp:	72424
Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	34.0
229	24.4	16.5	24.7

Manual Integrations
APPROVED

Sohil
1/25/2019 10:05:21 AM

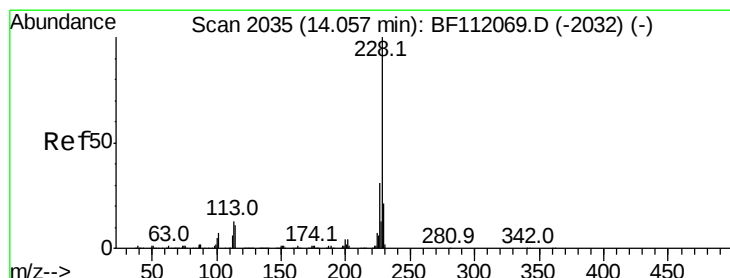
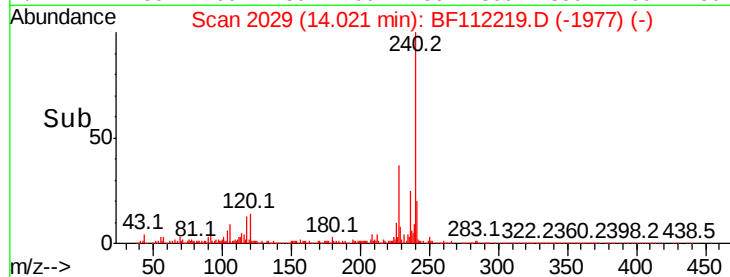
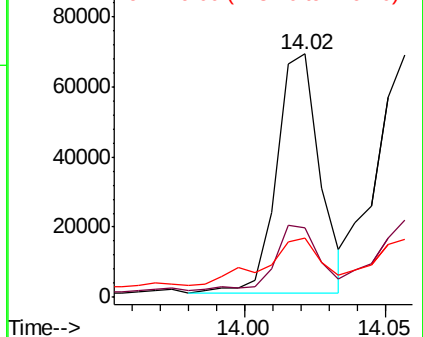


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Chrysene

Concen: 3.080 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF112219.D

Acq: 24 Jan 2019 20:01

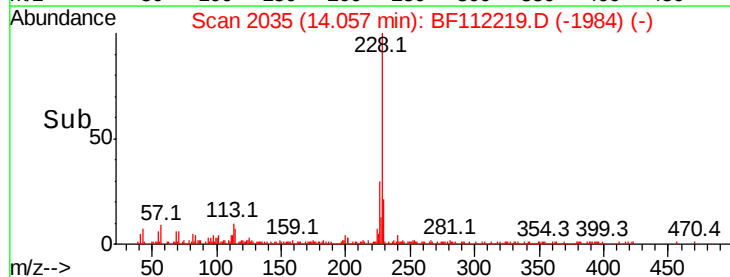
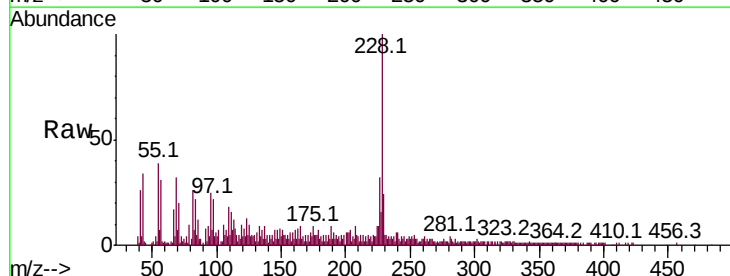
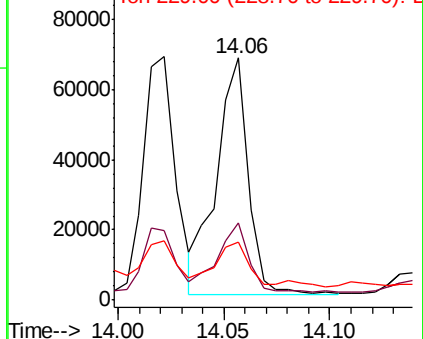
Tgt Ion:	228	Resp:	71134
Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.0	37.6
229	23.8	16.6	24.8

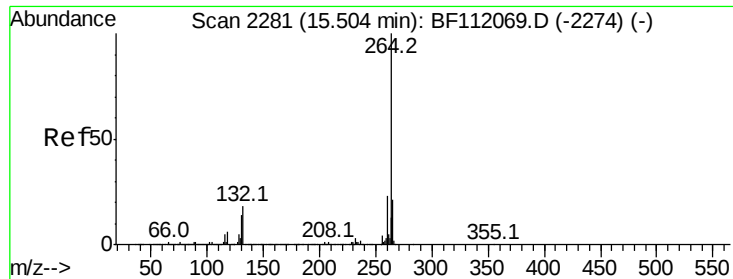
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.51 min Scan# 2282

Delta R.T. 0.01 min

Lab File: BF112219.D

Acq: 24 Jan 2019 20:01

Instrument :

BNA_F

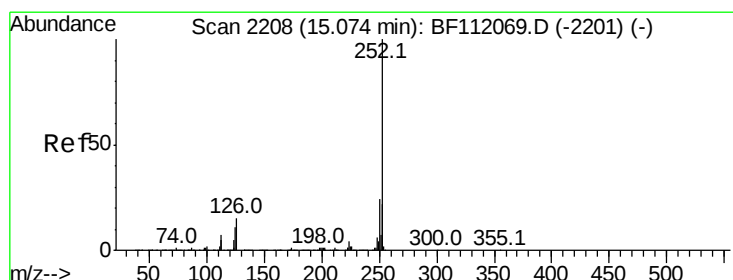
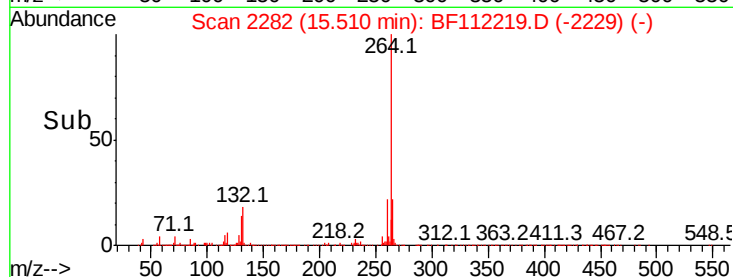
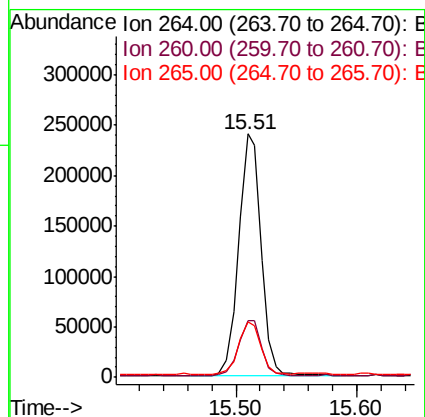
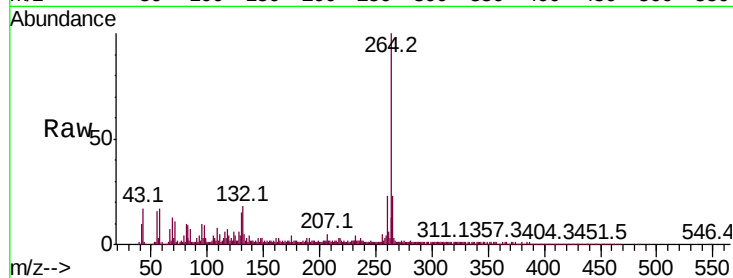
ClientSampled :

TS-S

Tot Ion:	264	Resp:	310303
Ion Ratio	Lower	Upper	
264	100		
260	23.1	18.2	27.2
265	23.0	17.0	25.4

Manual Integrations
APPROVED

Sohil
1/25/2019 10:05:21 AM



#88

Benzo(b)fluoranthene

Concen: 4.107 ng m

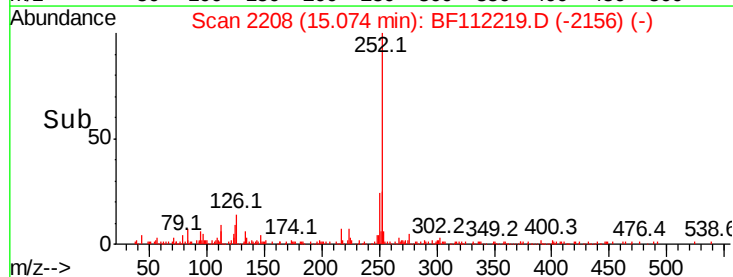
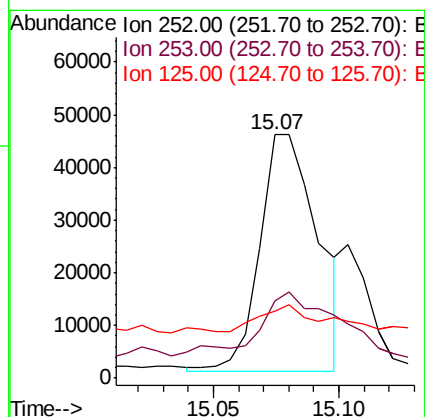
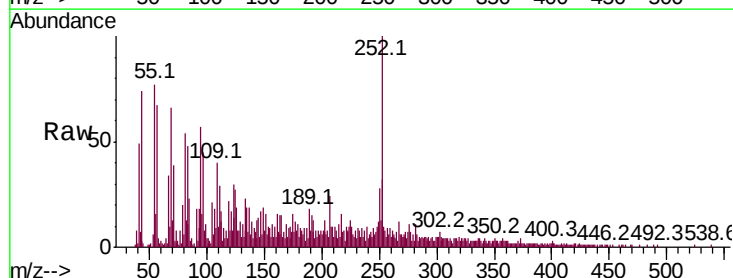
RT: 15.07 min Scan# 2208

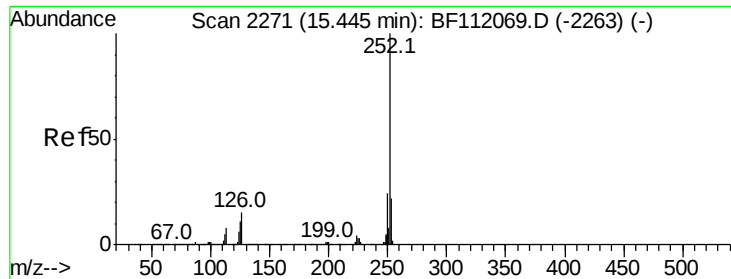
Delta R.T. 0.01 min

Lab File: BF112219.D

Acq: 24 Jan 2019 20:01

Tgt Ion:	252	Resp:	72337
Ion Ratio	Lower	Upper	
252	100		
253	31.9	18.0	27.0#
125	27.5	8.7	13.1#





#90

Benzo(a)pyrene

Concen: 2.732 ng

RT: 15.44 min Scan# 2271

Delta R.T. 0.01 min

Lab File: BF112219.D

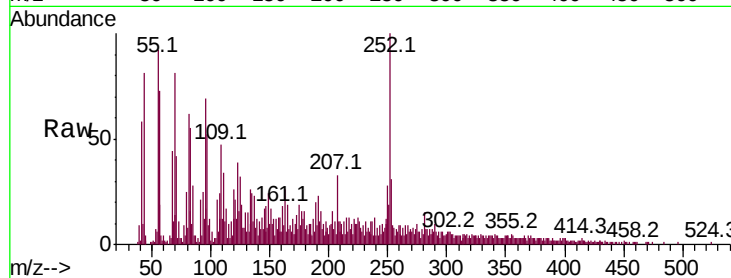
Acq: 24 Jan 2019 20:01

Instrument :

BNA_F

ClientSampleId :

TS-S



Tot Ion:	252	Resp:	44134
Ion Ratio	Lower	Upper	
252	100		
253	31.2	17.5	26.3#
125	31.8	9.0	13.4#

Manual Integrations
APPROVED

Sohil
1/25/2019 10:05:21 AM

