

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071218\
 Data File : BF107342.D
 Acq On : 12 Jul 2018 16:42
 Operator : JU/SJ
 Sample : J3930-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NYS-RBR-200030

Manual Integrations
 APPROVED

Sohil
 7/13/2018 12:37:44 PM

Quant Time: Jul 13 08:33:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 11 16:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	74002	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	285365	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	139861	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	247319	20.00	ng	0.00
75) Chrysene-d12	14.14	240	212089	20.00	ng	0.00
86) Perylene-d12	15.68	264	230006	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	404555	92.57	ng	0.00
7) Phenol-d6	6.58	99	511502	93.72	ng	0.00
23) Nitrobenzene-d5	7.50	82	327911	63.86	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	149002	91.92	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	580911	67.22	ng	0.00
78) Terphenyl-d14	13.06	244	565517	64.59	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.68	163	128788	12.278	ng	98
70) Phenanthrene	11.49	178	28316	2.374	ng	98
74) Fluoranthene	12.69	202	62128	4.725	ng	96
77) Pyrene	12.93	202	56162	4.016	ng	99
80) Benzo(a)anthracene	14.12	228	33618	2.601	ng	100
82) Chrysene	14.16	228	36854	3.099	ng	99
85) Indeno(1,2,3-cd)pyrene	17.27	276	21156m	2.096	ng	
87) Benzo(b)fluoranthene	15.22	252	53883m	3.771	ng	
89) Benzo(a)pyrene	15.61	252	34809	2.741	ng	98

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

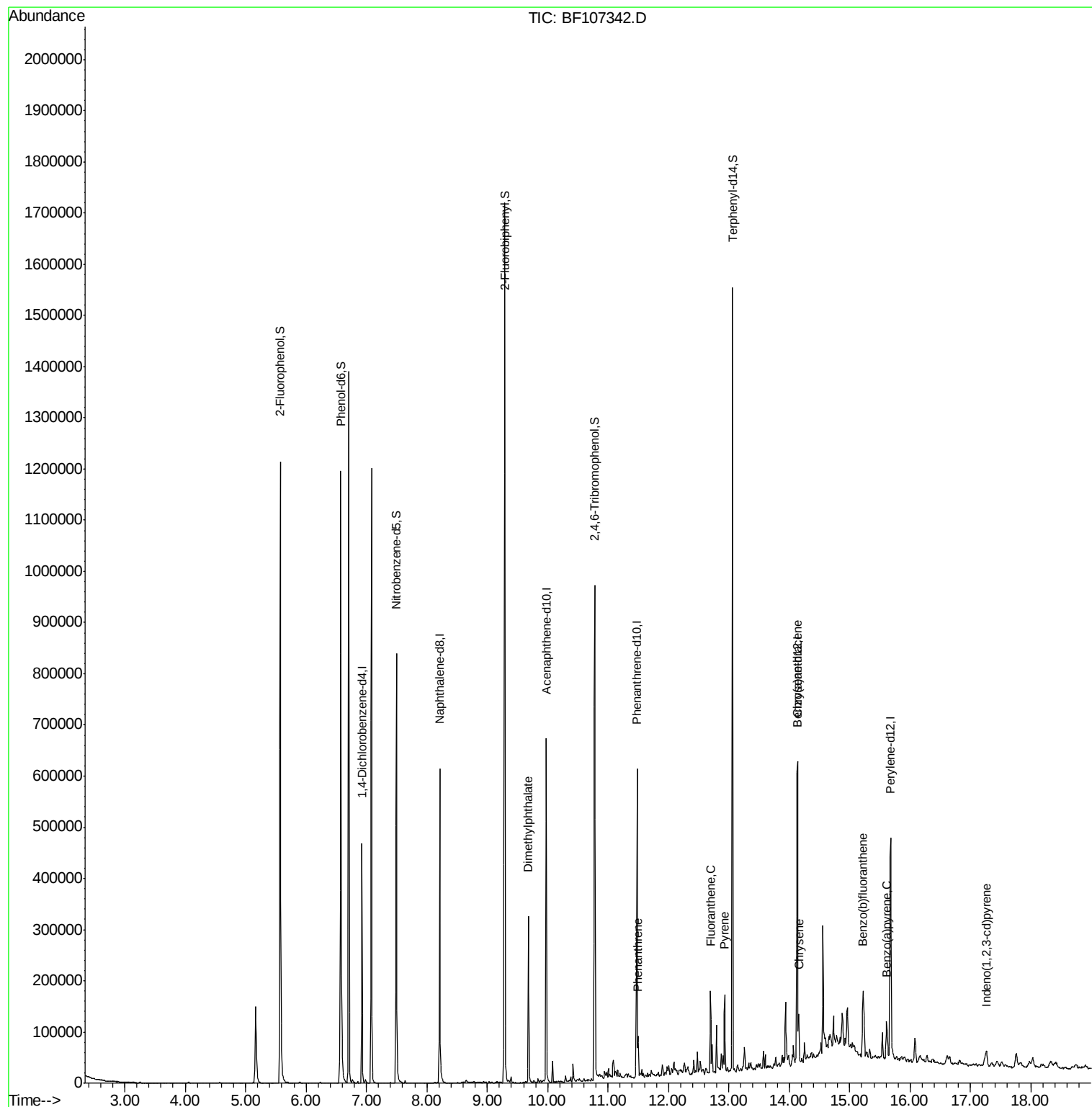
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071218\
Data File : BF107342.D
Acq On : 12 Jul 2018 16:42
Operator : JU/SJ
Sample : J3930-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

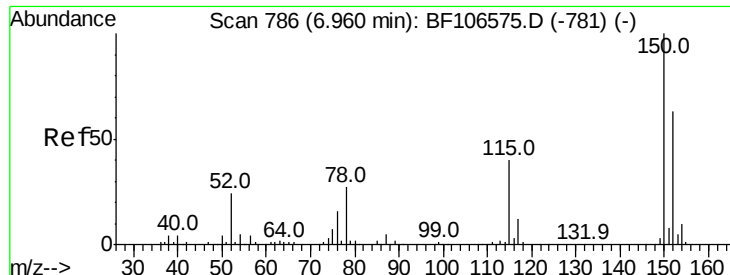
Instrument :
BNA_F
ClientSampleId :
NYS-RBR-200030

Manual Integrations
APPROVED

Sohil
7/13/2018 12:37:44 PM

Quant Time: Jul 13 08:33:21 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 11 16:39:37 2018
Response via : Initial Calibration





#1

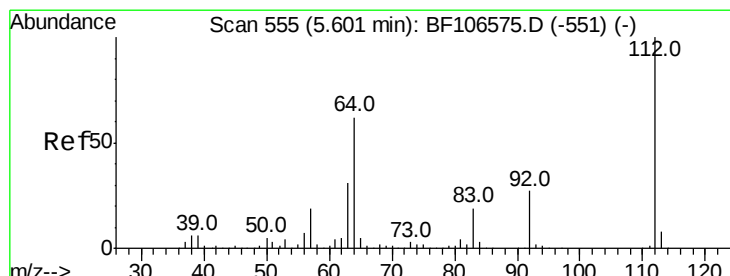
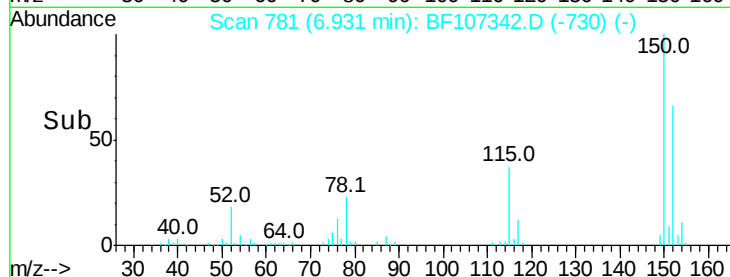
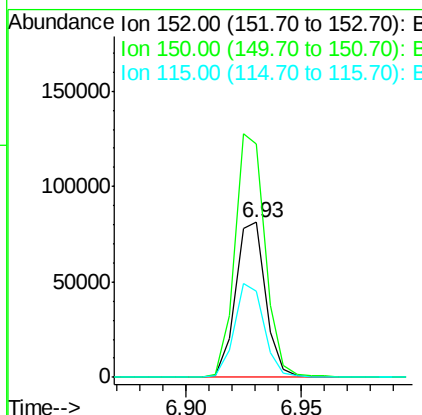
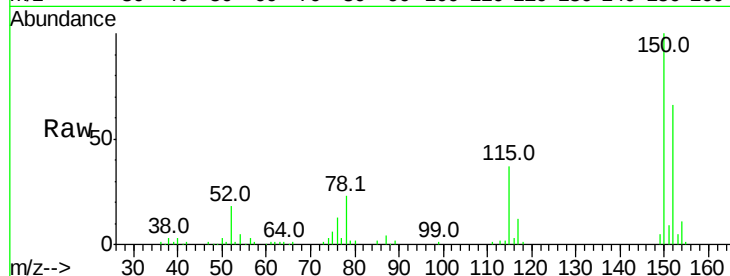
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 781
Delta R.T. -0.00 min
Lab File: BF107342.D
Acq: 12 Jul 2018 16:42

Instrument :
BNA_F
ClientSampled :
NYS-RBR-200030

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.2	124.6	186.8
115	55.8	50.1	75.1

Manual Integrations
APPROVED

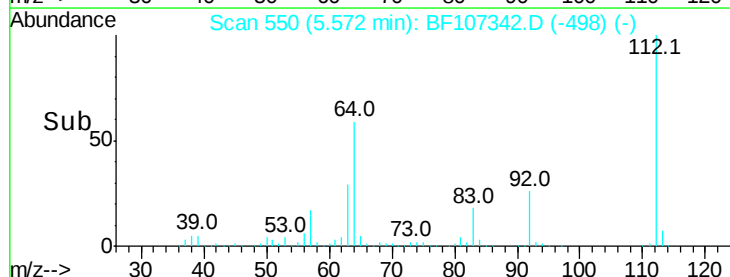
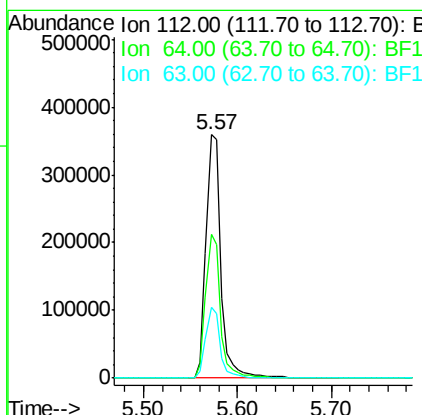
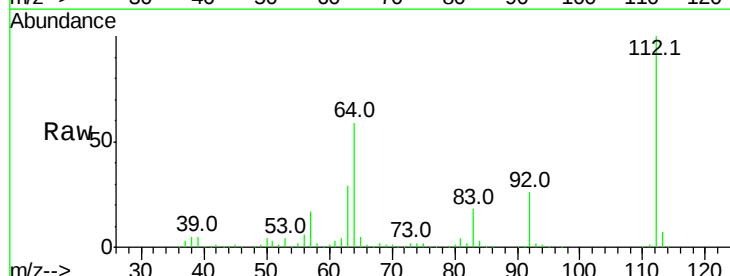
Sohil
7/13/2018 12:37:44 PM



#5

2-Fluorophenol
Concen: 92.570 ng
RT: 5.57 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF107342.D
Acq: 12 Jul 2018 16:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	47.9	71.9
63	29.2	23.7	35.5





#7

Phenol-d6

Concen: 93.723 ng

RT: 6.58 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF107342.D

Acq: 12 Jul 2018 16:42

Instrument :

BNA_F

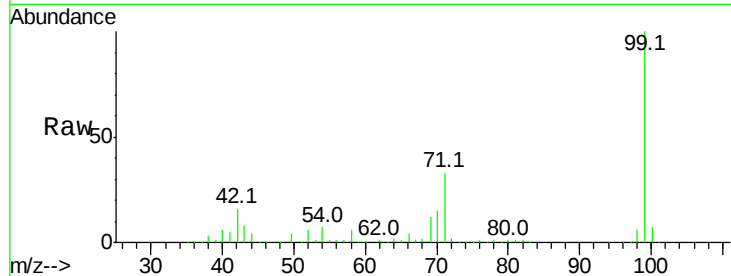
ClientSampleId :

NYS-RBR-200030

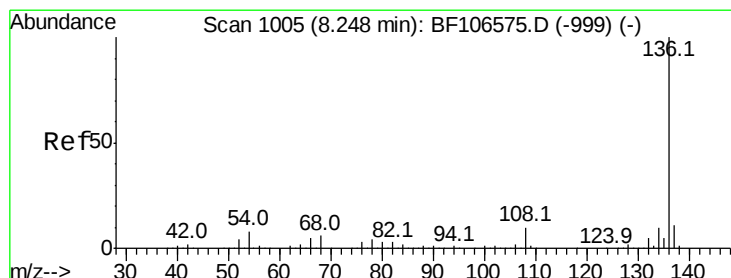
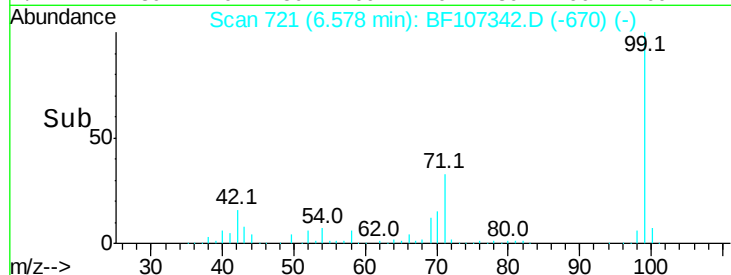
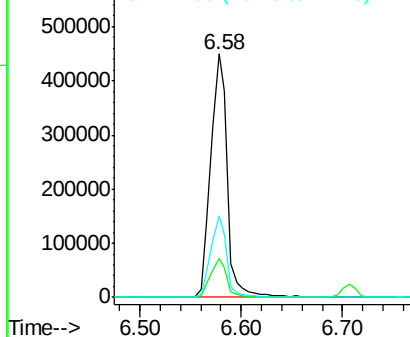
Tot Ion:	99	Resp:	511502
Ion Ratio	Lower	Upper	
99	100		
42	16.2	14.5	21.7
71	33.5	25.4	38.0

Manual Integrations
APPROVED

Sohil
7/13/2018 12:37:44 PM



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: 8.21 min Scan# 999

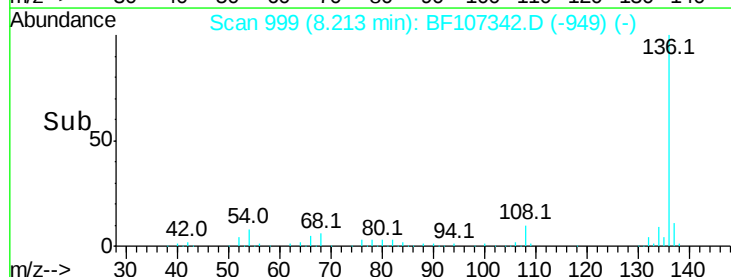
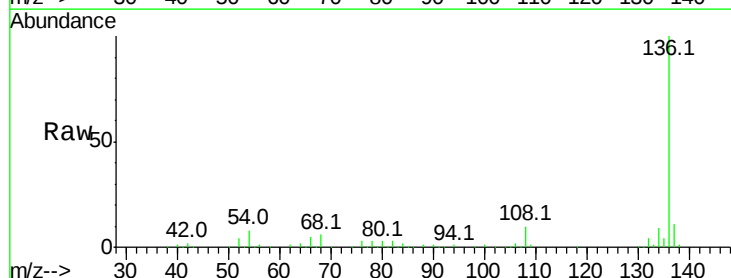
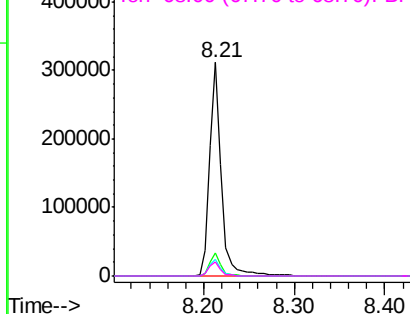
Delta R.T. -0.01 min

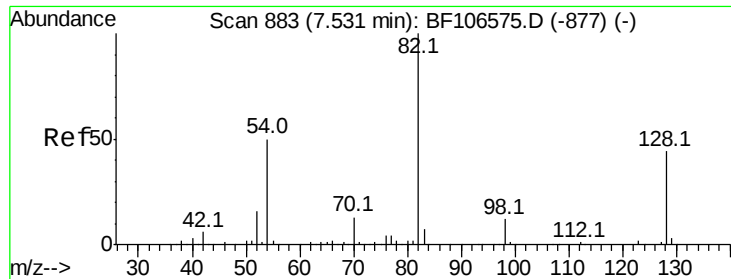
Lab File: BF107342.D

Acq: 12 Jul 2018 16:42

Tgt Ion:	136	Resp:	285365
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.9	13.3
54	8.0	6.6	9.8
68	6.5	5.0	7.4

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





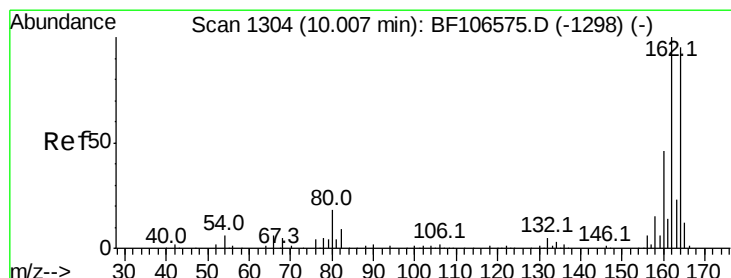
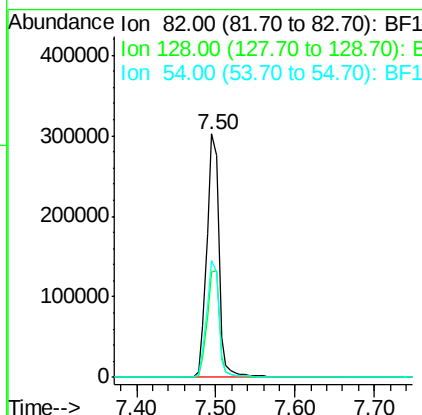
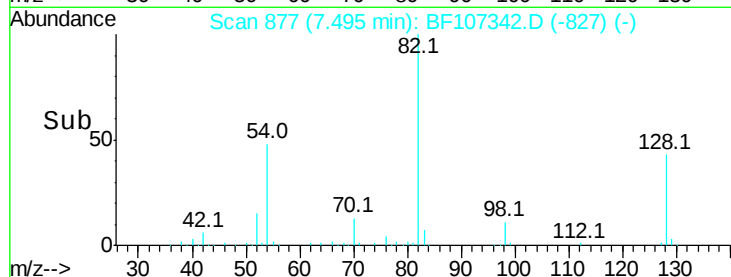
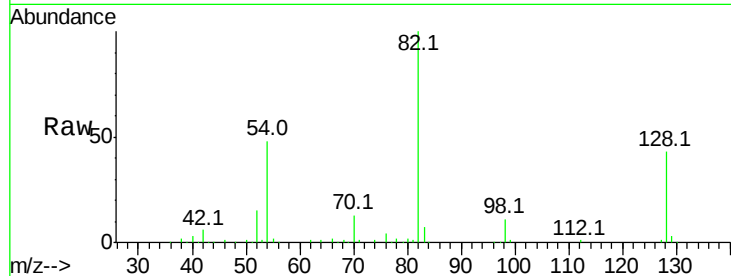
#23
 Nitrobenzene-d5
 Concen: 63.859 ng
 RT: 7.50 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF107342.D
 Acq: 12 Jul 2018 16:42

Instrument :
 BNA_F
 ClientSampleId :
 NYS-RBR-200030

Tot Ion	82	Resp	327911
Ion Ratio	Lower	Upper	
82	100		
128	43.2	36.1	54.1
54	48.2	41.4	62.2

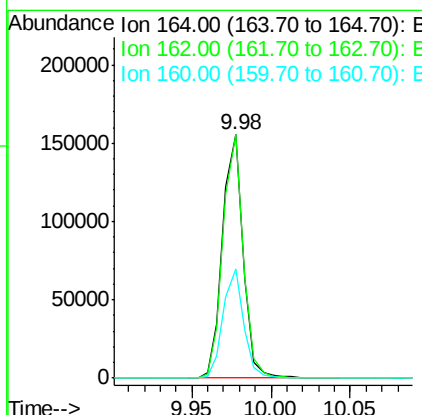
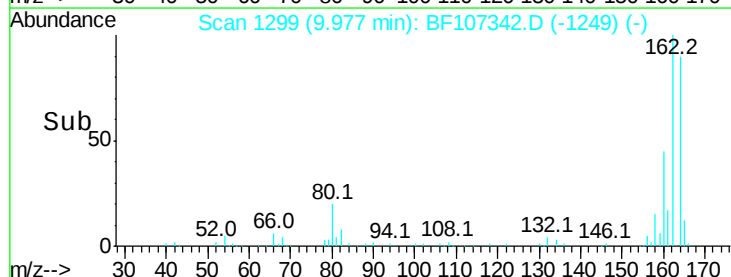
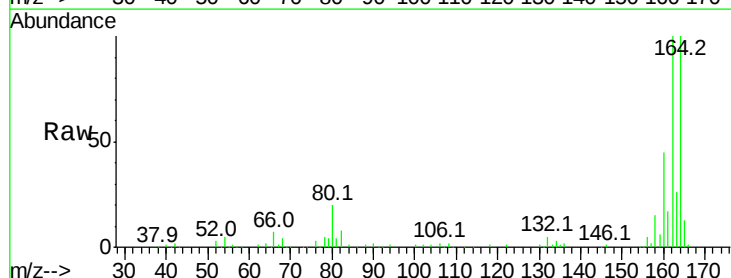
Manual Integrations
 APPROVED

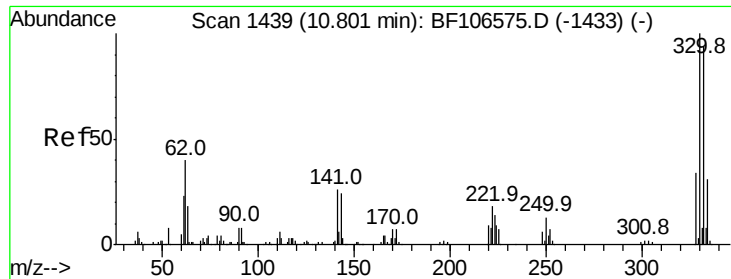
Sohil
 7/13/2018 12:37:44 PM



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF107342.D
 Acq: 12 Jul 2018 16:42

Tgt Ion	164	Resp	139861
Ion Ratio	Lower	Upper	
164	100		
162	99.9	86.1	129.1
160	44.9	38.3	57.5





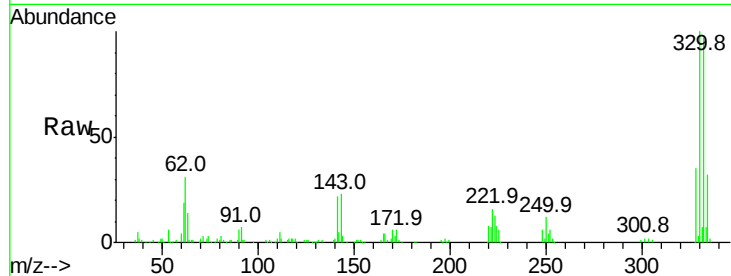
#41
 2,4,6-Tribromophenol
 Concen: 91.918 ng
 RT: 10.78 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF107342.D
 Acq: 12 Jul 2018 16:42

Instrument :
 BNA_F
 ClientSampleId :
 NYS-RBR-200030

Tot Ion	Ratio	Resp	Lower	Upper
330	100	149002		
332	97.0	77.0	115.6	
141	22.9	29.9	44.9#	

Manual Integrations
 APPROVED

Sohil
 7/13/2018 12:37:44 PM

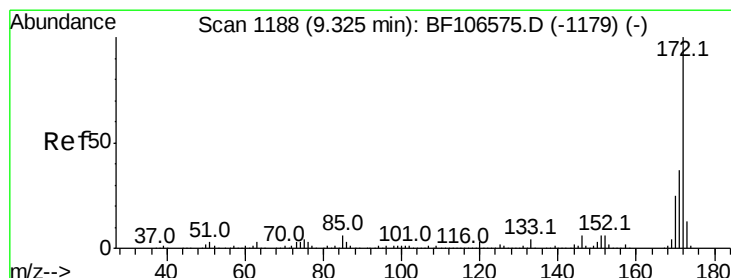
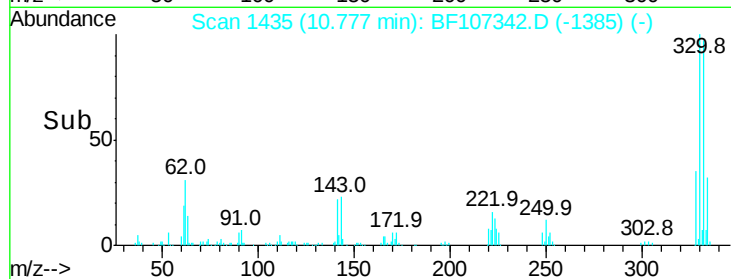
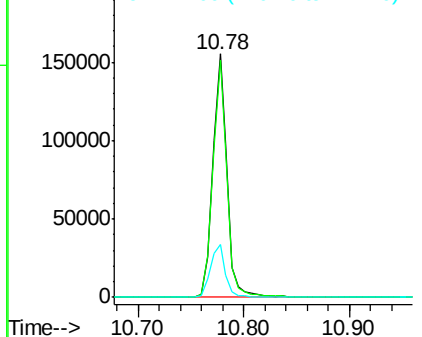


Abundance

Ion 329.80 (329.50 to 330.50): E

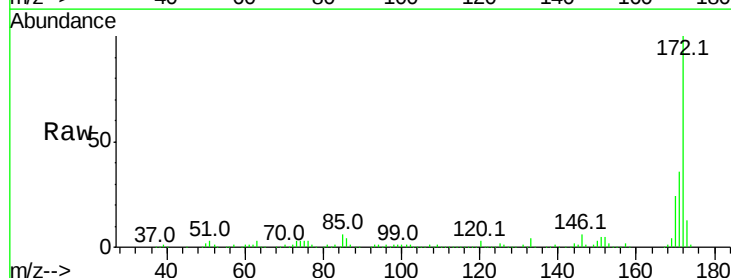
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 67.217 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF107342.D
 Acq: 12 Jul 2018 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	580911		
171	36.1	29.7	44.5	
170	24.3	19.6	29.4	

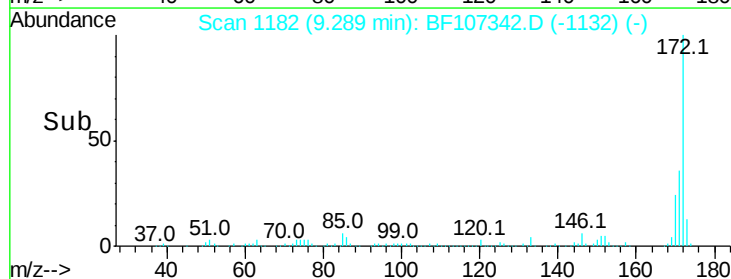
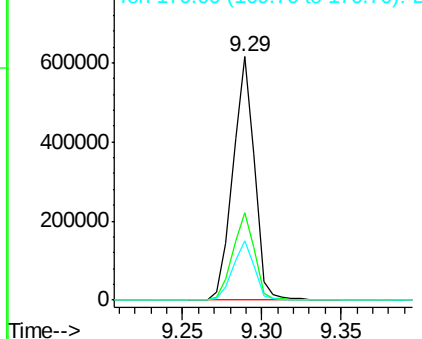


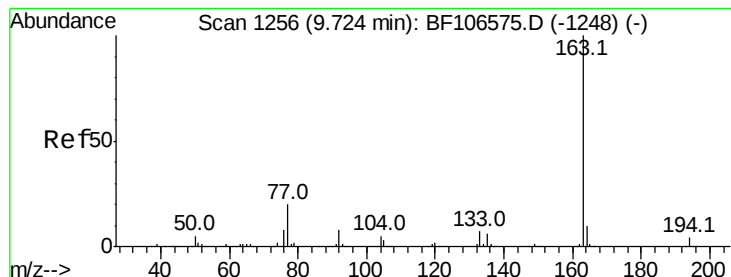
Abundance

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





#49

Dimethylphthalate

Concen: 12.278 ng

RT: 9.68 min Scan# 1249

Delta R.T. -0.01 min

Lab File: BF107342.D

Acq: 12 Jul 2018 16:42

Instrument :

BNA_F

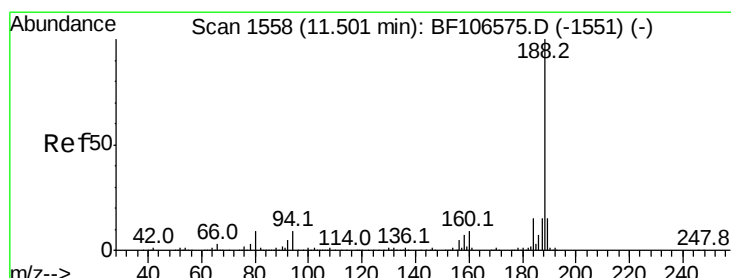
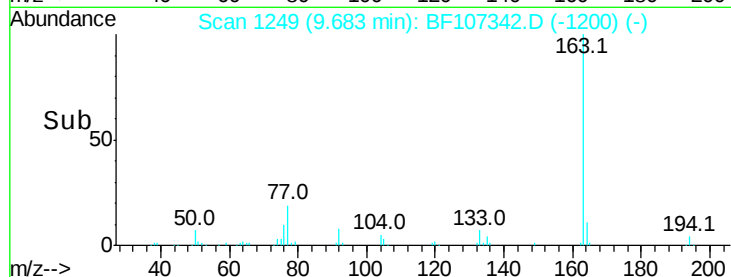
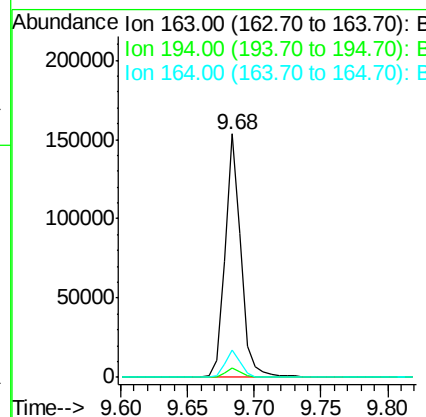
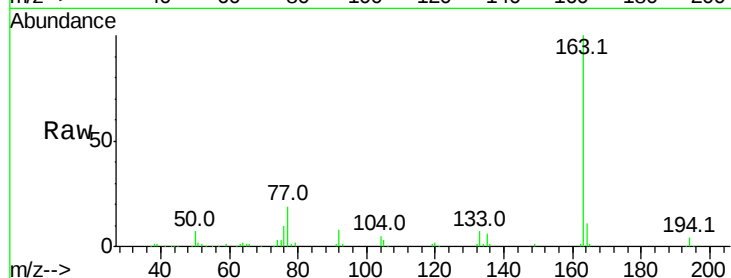
ClientSampleId :

NYS-RBR-200030

Tot Ion	Ratio	Resp	Lower	Upper
163	100	128788		
194	3.9	2.7	4.1	
164	11.1	8.2	12.2	

Manual Integrations
APPROVED

Sohil
7/13/2018 12:37:44 PM



#63

Phenanthrene-d10

Concen: 20.000 ng

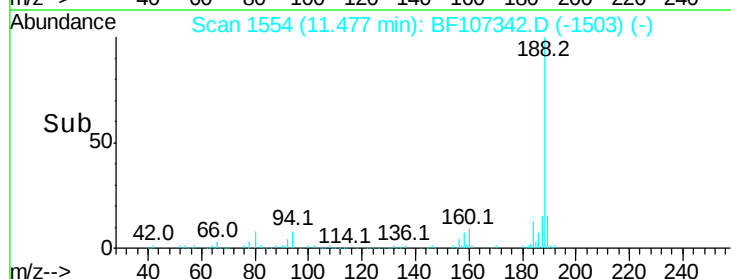
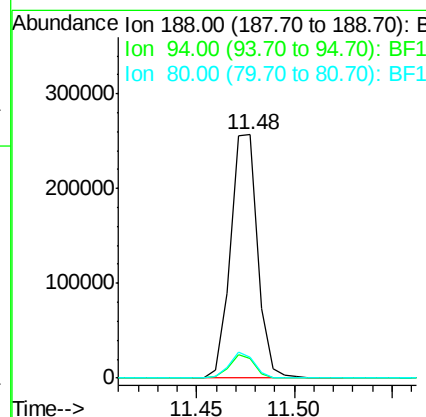
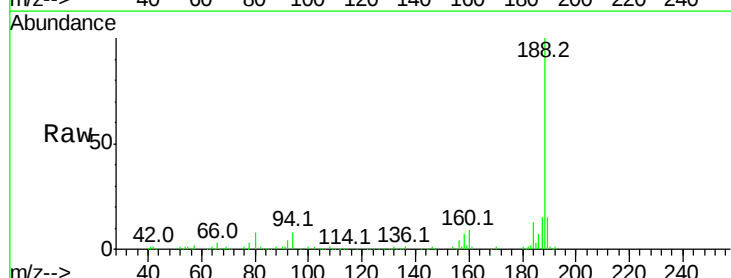
RT: 11.48 min Scan# 1554

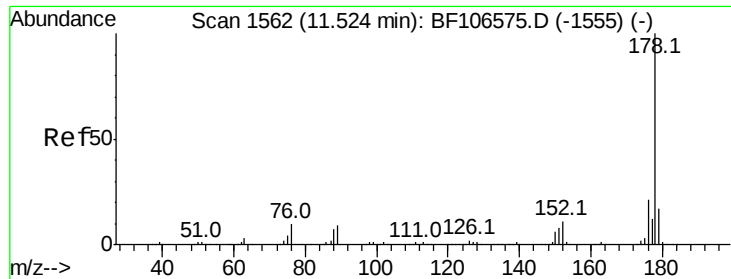
Delta R.T. -0.00 min

Lab File: BF107342.D

Acq: 12 Jul 2018 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	247319		
94	7.9	8.5	12.7#	
80	8.5	9.2	13.8#	





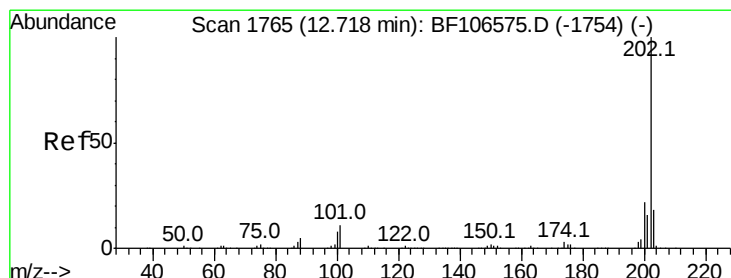
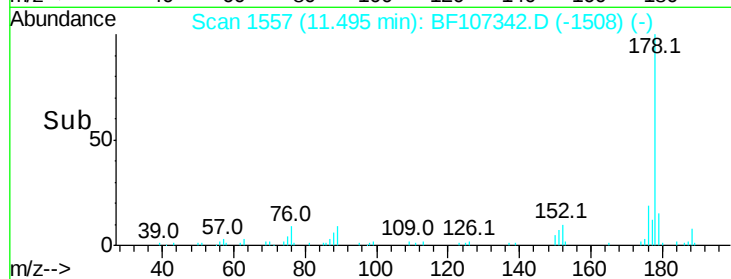
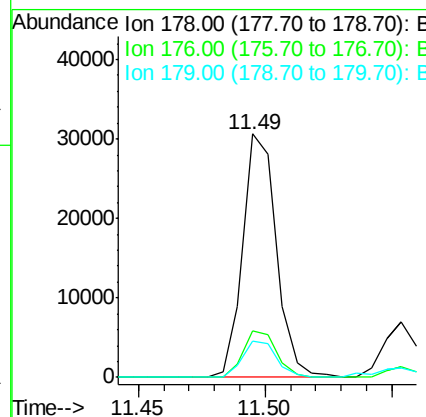
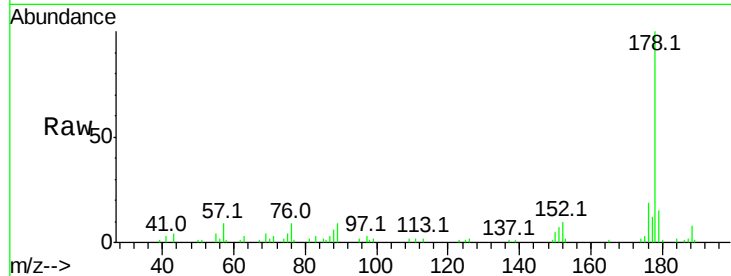
#70
Phenanthrene
Concen: 2.374 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107342.D
Acq: 12 Jul 2018 16:42

Instrument :
BNA_F
ClientSampleId :
NYS-RBR-200030

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.0	13.0	19.6

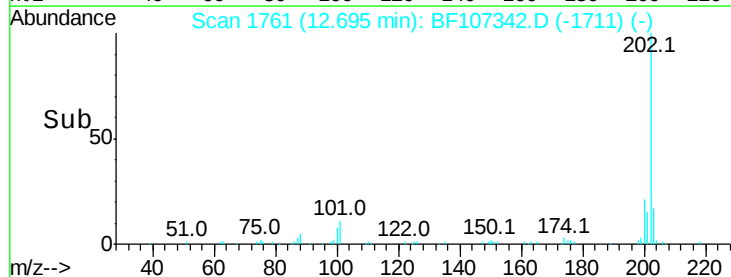
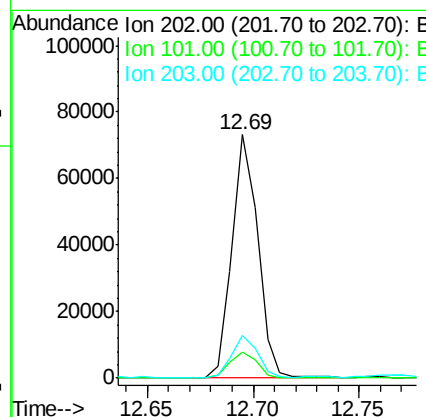
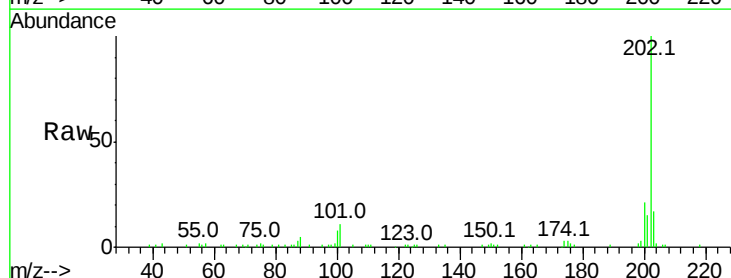
Manual Integrations
APPROVED

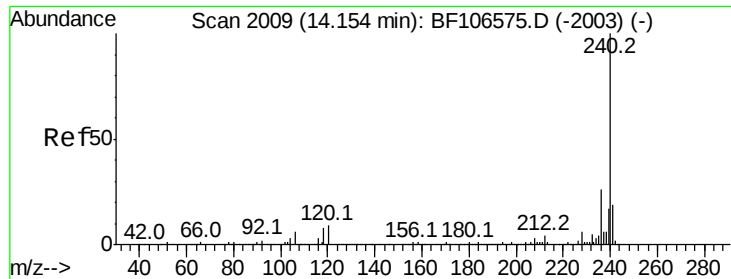
Sohil
7/13/2018 12:37:44 PM



#74
Fluoranthene
Concen: 4.725 ng
RT: 12.69 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF107342.D
Acq: 12 Jul 2018 16:42

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	34.1
203	17.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF107342.D

Acq: 12 Jul 2018 16:42

Instrument :

BNA_F

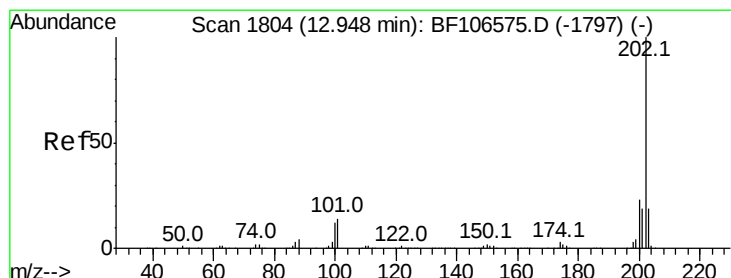
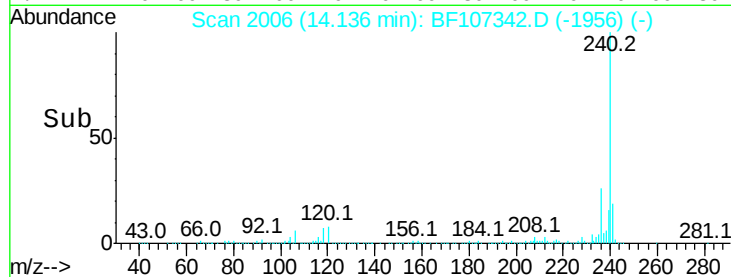
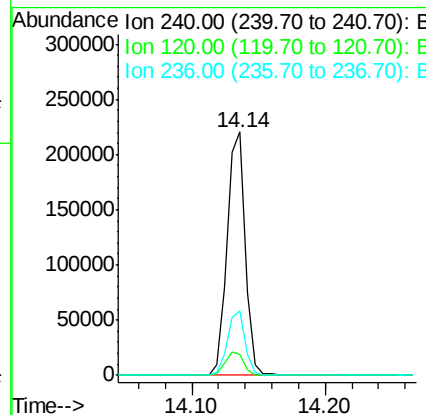
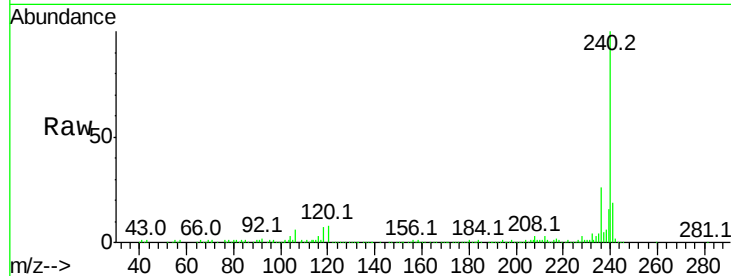
ClientSampleId :

NYS-RBR-200030

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.4	9.5	14.3#
236	26.5	20.7	31.1

Manual Integrations
APPROVED

Sohil
7/13/2018 12:37:44 PM



#77

Pyrene

Concen: 4.016 ng

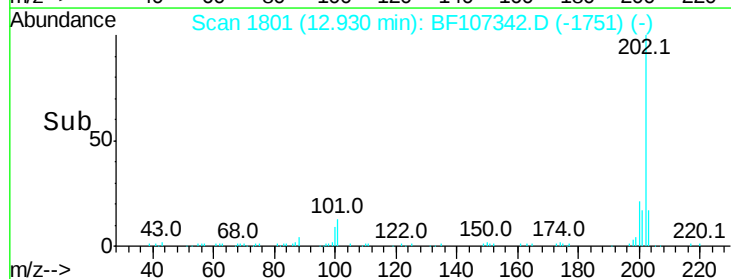
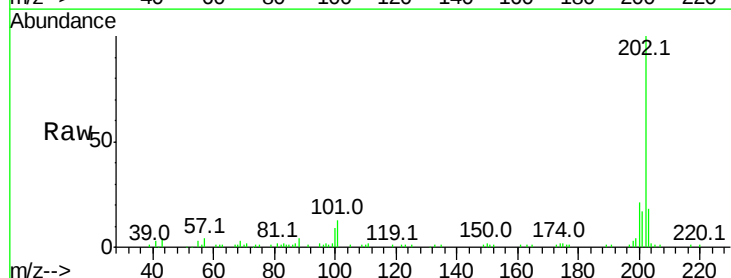
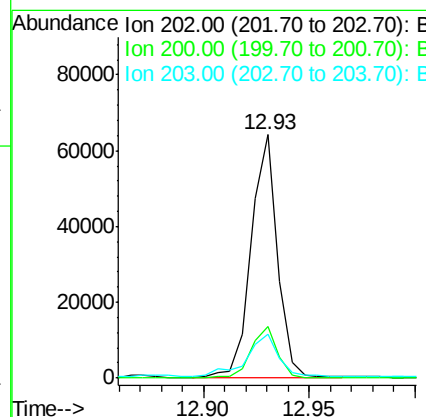
RT: 12.93 min Scan# 1801

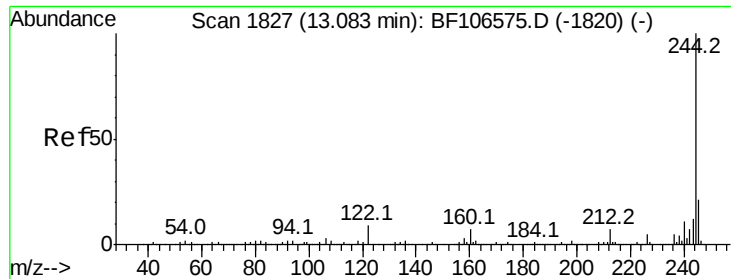
Delta R.T. -0.01 min

Lab File: BF107342.D

Acq: 12 Jul 2018 16:42

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	18.0	14.3	21.5





#78

Terphenyl-d14

Concen: 64.588 ng

RT: 13.06 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF107342.D

Acq: 12 Jul 2018 16:42

Instrument :

BNA_F

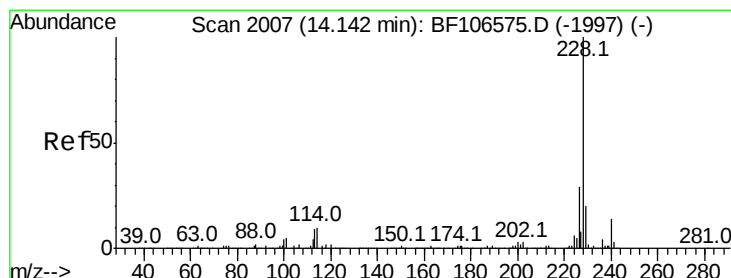
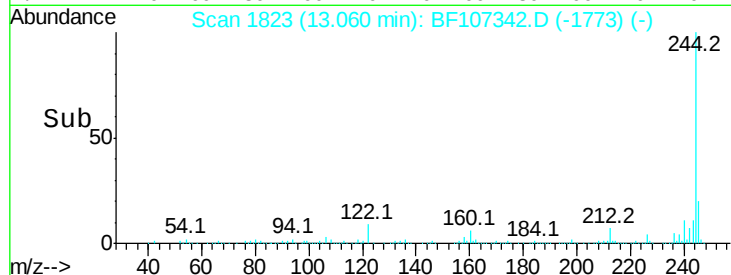
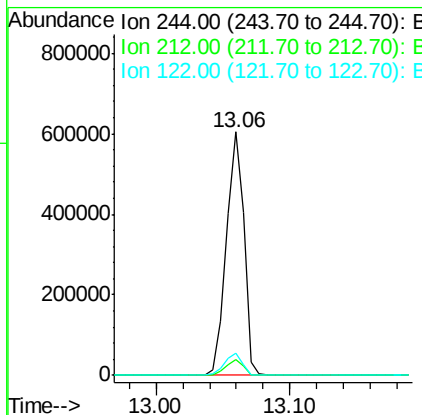
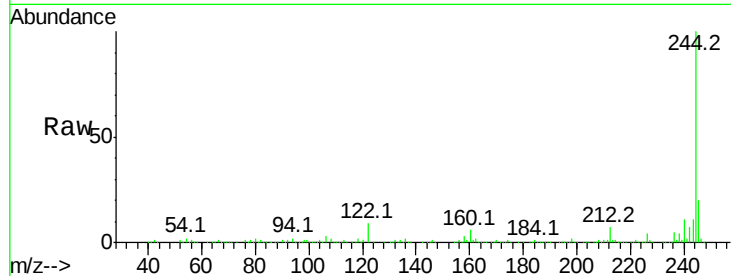
ClientSampleId :

NYS-RBR-200030

Tot Ion:	244	Resp:	565517
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.4	8.0
122	9.2	11.0	16.4

Manual Integrations
APPROVED

Sohil
7/13/2018 12:37:44 PM



#80

Benzo(a)anthracene

Concen: 2.601 ng

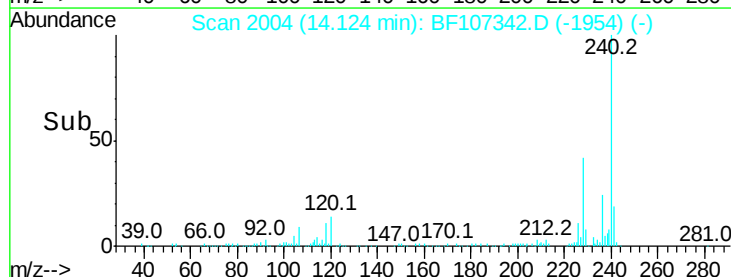
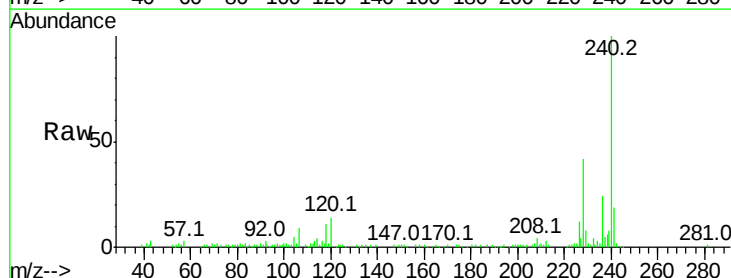
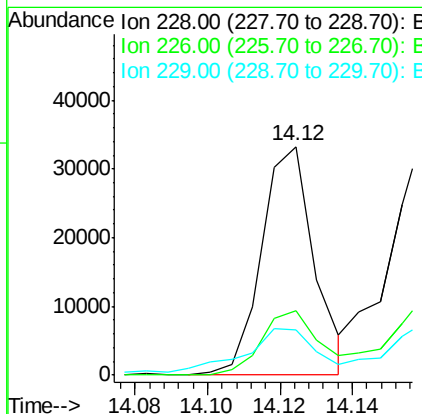
RT: 14.12 min Scan# 2004

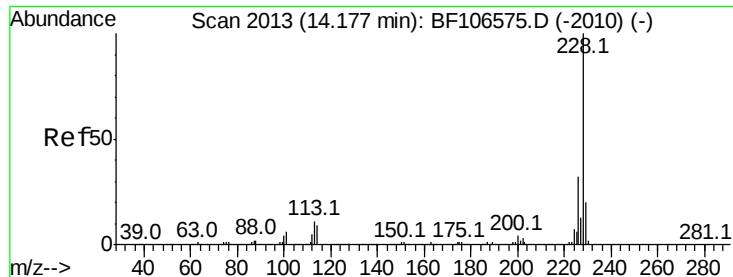
Delta R.T. -0.01 min

Lab File: BF107342.D

Acq: 12 Jul 2018 16:42

Tgt Ion:	228	Resp:	33618
Ion Ratio	Lower	Upper	
228	100		
226	28.1	22.6	33.8
229	20.0	15.8	23.6





#82

Chrysene

Concen: 3.099 ng

RT: 14.16 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF107342.D

Acq: 12 Jul 2018 16:42

Instrument :

BNA_F

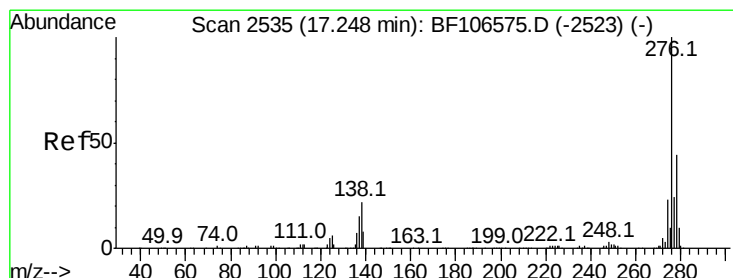
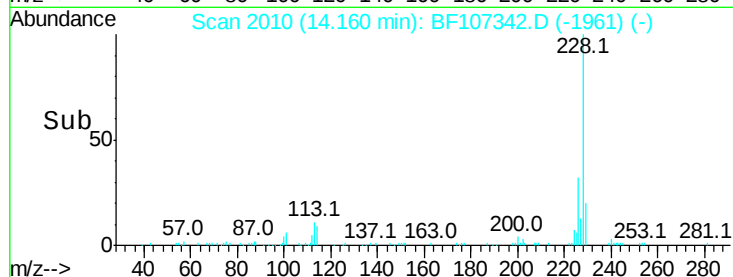
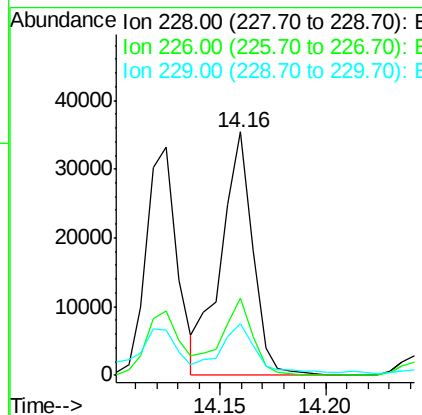
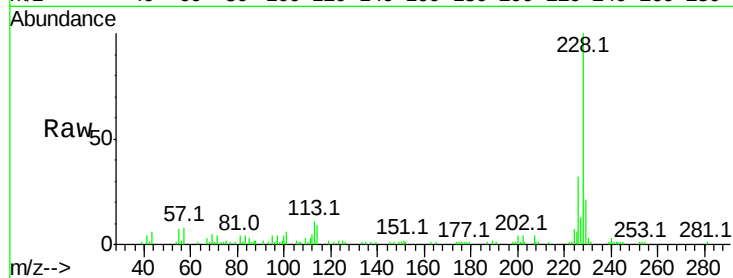
ClientSampleId :

NYS-RBR-200030

Tot Ion:	228	Resp:	36854
Ion Ratio	Lower	Upper	
228	100		
226	31.7	25.0	37.6
229	21.3	16.2	24.4

Manual Integrations
APPROVED

Sohil
7/13/2018 12:37:44 PM



#85

Indeno(1,2,3-cd)pyrene

Concen: 2.096 ng m

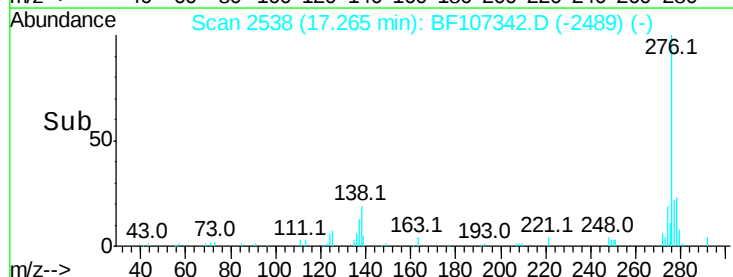
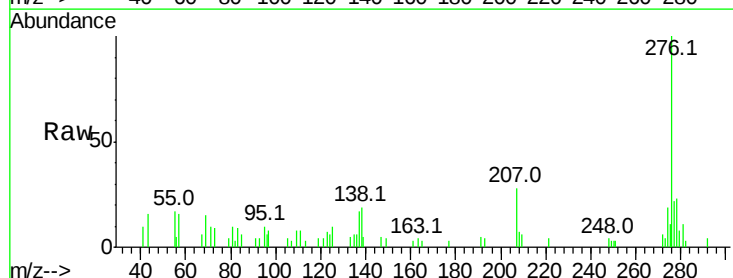
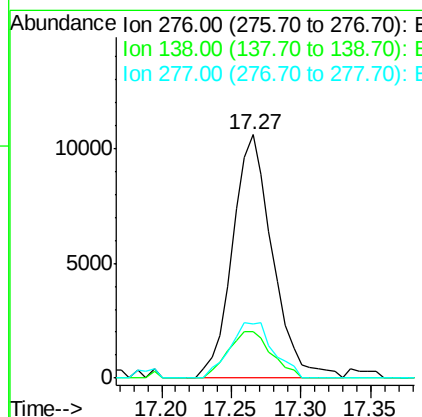
RT: 17.27 min Scan# 2538

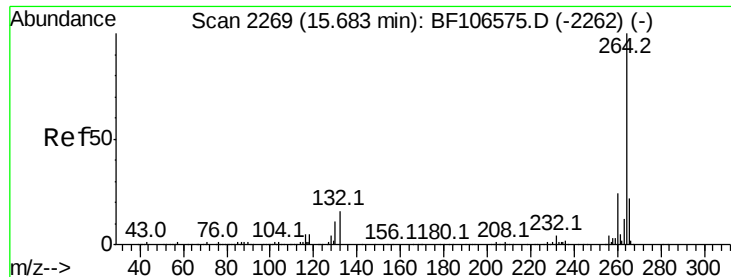
Delta R.T. -0.01 min

Lab File: BF107342.D

Acq: 12 Jul 2018 16:42

Tgt Ion:	276	Resp:	21156
Ion Ratio	Lower	Upper	
276	100		
138	4.2	25.0	37.6#
277	4.2	20.1	30.1#





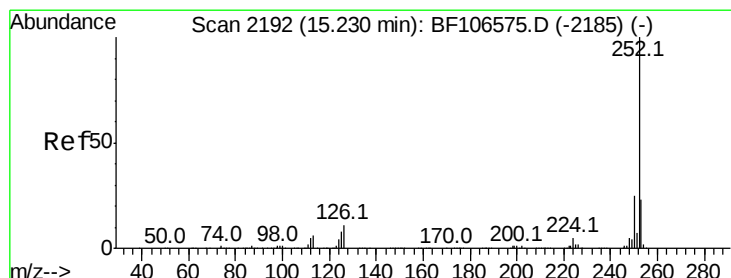
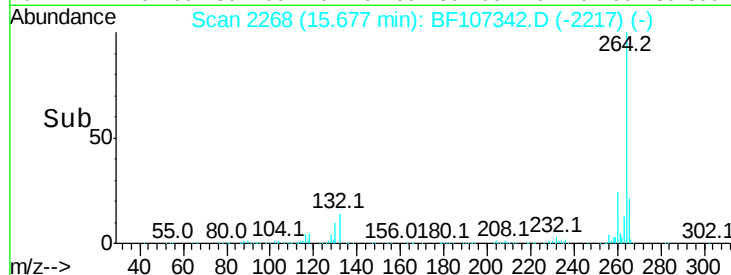
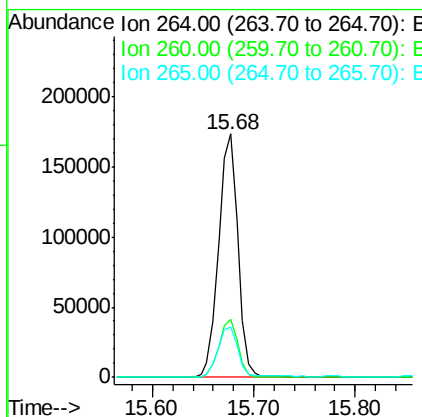
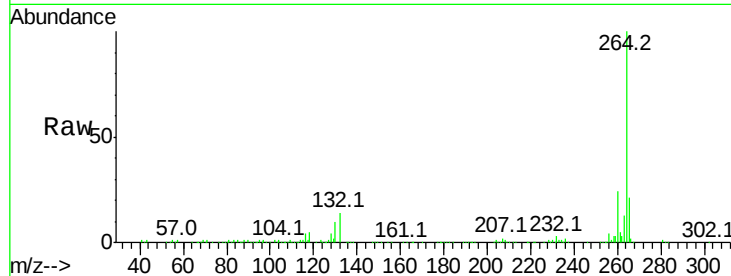
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.00 min
Lab File: BF107342.D
Acq: 12 Jul 2018 16:42

Instrument :
BNA_F
ClientSampleId :
NYS-RBR-200030

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	20.6	17.5	26.3

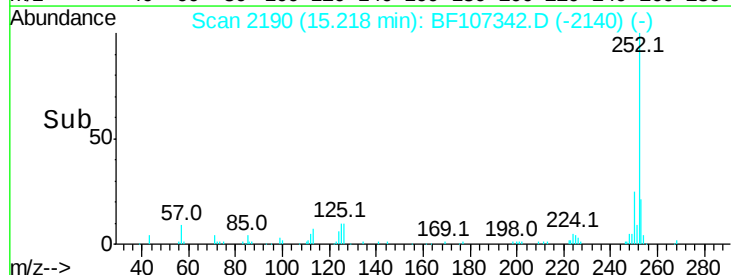
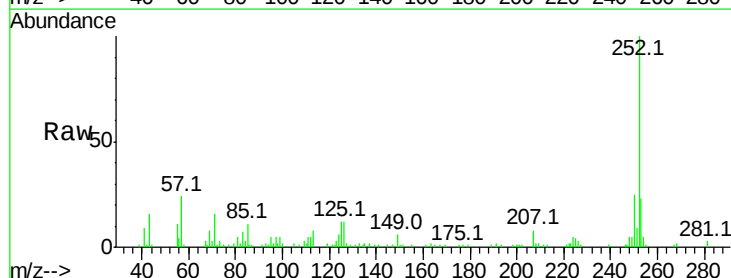
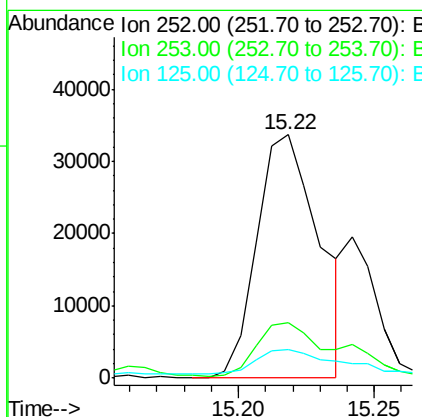
Manual Integrations
APPROVED

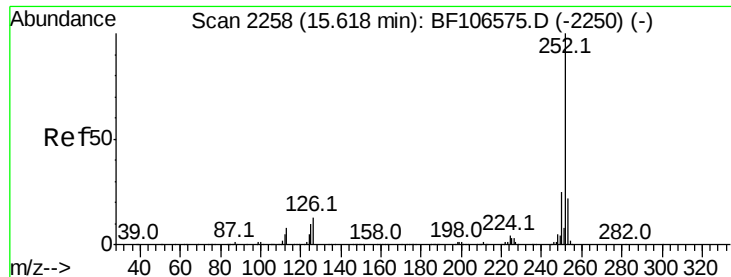
Sohil
7/13/2018 12:37:44 PM



#87
Benzo(b)fluoranthene
Concen: 3.771 ng m
RT: 15.22 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BF107342.D
Acq: 12 Jul 2018 16:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	11.9	9.0	13.6





#89
 Benzo(a)pyrene
 Concen: 2.741 ng
 RT: 15.61 min Scan# 2256
 Delta R.T. -0.01 min
 Lab File: BF107342.D
 Acq: 12 Jul 2018 16:42

Instrument :
 BNA_F
 ClientSampleId :
 NYS-RBR-200030

Tot Ion:	252	Resp:	34809
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.1	25.7
125	11.5	9.8	14.6

Manual Integrations
 APPROVED

Sohil
 7/13/2018 12:37:44 PM

