

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072318\
 Data File : BF107595.D
 Acq On : 23 Jul 2018 18:25
 Operator : JU/SJ
 Sample : J4062-37
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-10

Manual Integrations
 APPROVED

Sohil
 7/24/2018 5:26:18 PM

Quant Time: Jul 24 04:15:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	268571	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	898656	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	350674	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	706641	20.00	ng	0.00
75) Chrysene-d12	14.18	240	549095	20.00	ng	0.01
86) Perylene-d12	15.72	264	405327	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1620751	97.03	ng	0.00
7) Phenol-d6	6.61	99	1938054	96.63	ng	0.00
23) Nitrobenzene-d5	7.54	82	1157349	86.92	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	460891	115.58	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1589438	75.18	ng	0.00
78) Terphenyl-d14	13.10	244	1618457	75.46	ng	0.00
Target Compounds						
10) Phenol	6.62	94	57455	2.436	ng	Qvalue # 69
49) Dimethylphthalate	9.72	163	185618	7.023	ng	99
74) Fluoranthene	12.74	202	112008	3.031	ng	97
77) Pyrene	12.97	202	121467	3.234	ng	98
87) Benzo(b)fluoranthene	15.26	252	44810m	2.020	ng	

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

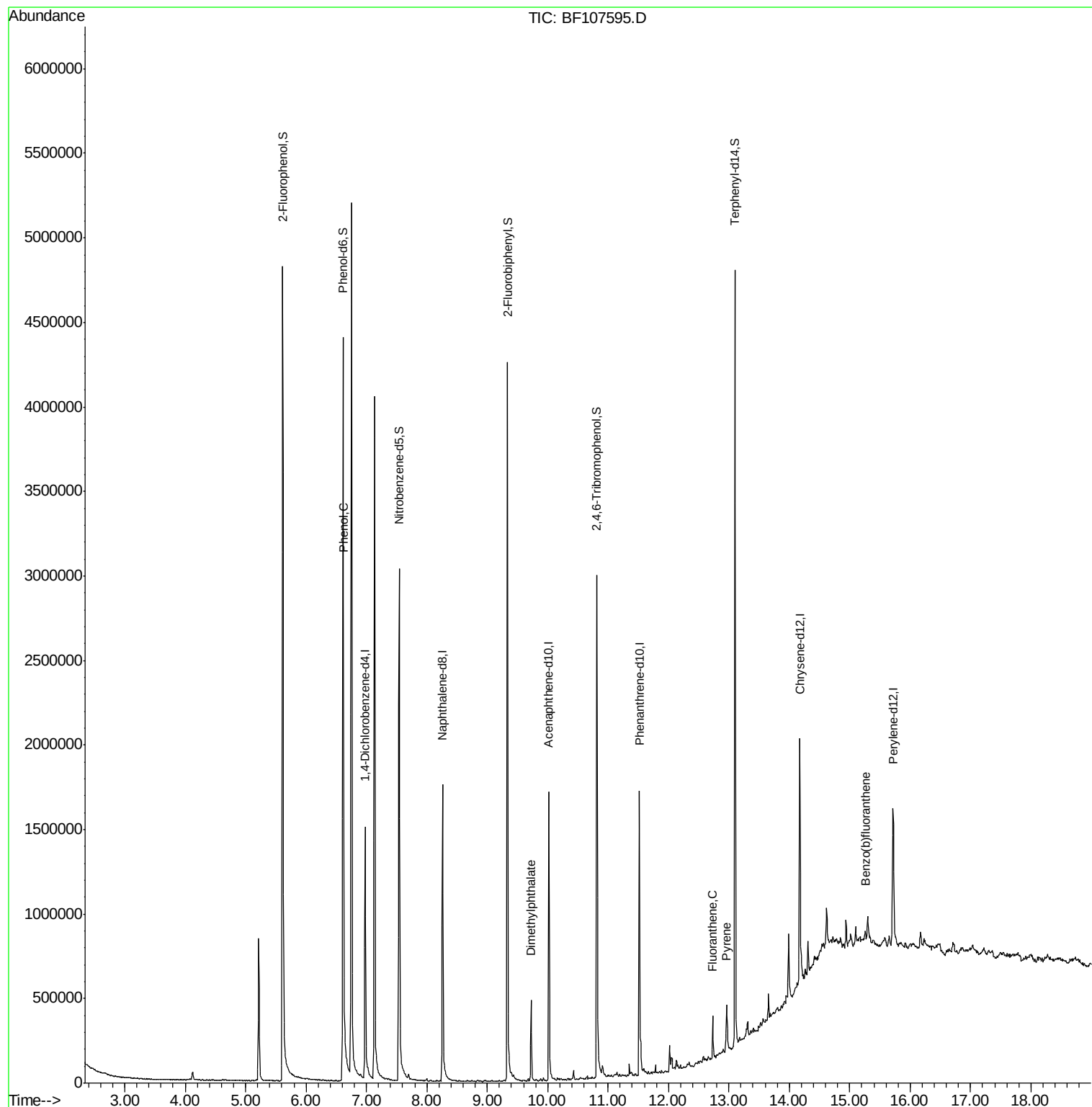
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072318\
Data File : BF107595.D
Acq On : 23 Jul 2018 18:25
Operator : JU/SJ
Sample : J4062-37
Misc :
ALS Vial : 17 Sample Multiplier: 1

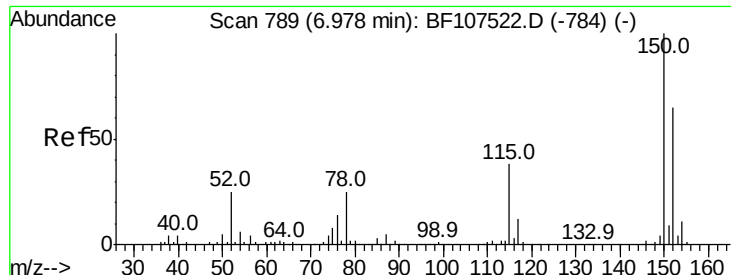
Instrument :
BNA_F
ClientSampleId :
TP-10

Quant Time: Jul 24 04:15:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
7/24/2018 5:26:18 PM





#1

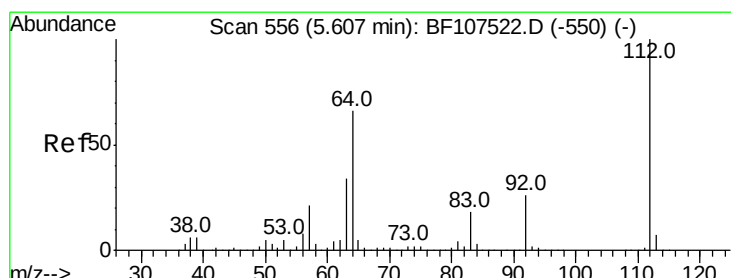
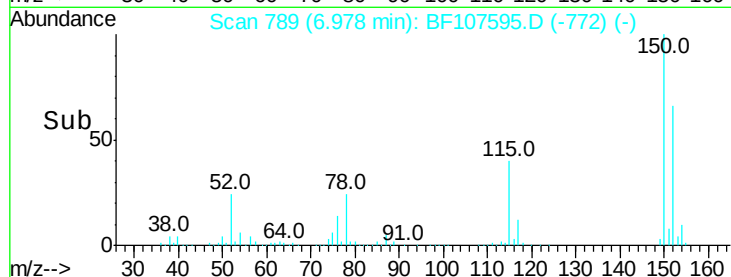
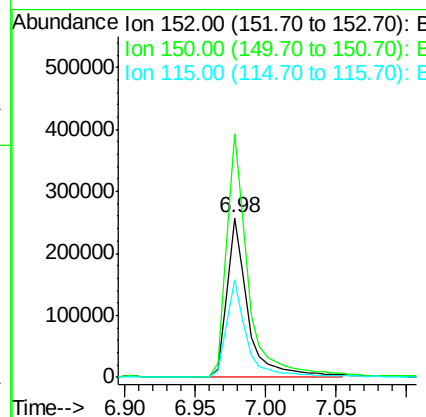
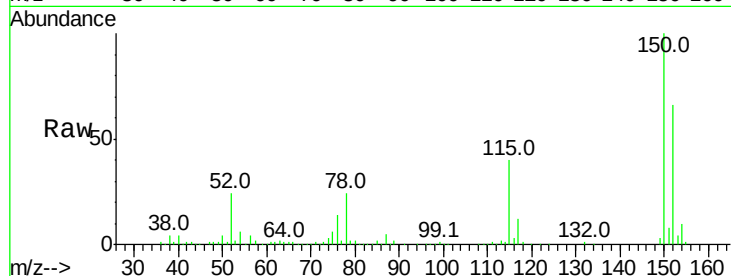
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF107595.D
Acq: 23 Jul 2018 18:25

Instrument :
BNA_F
ClientSampled :
TP-10

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	124.6	186.8
115	61.0	50.1	75.1

Manual Integrations
APPROVED

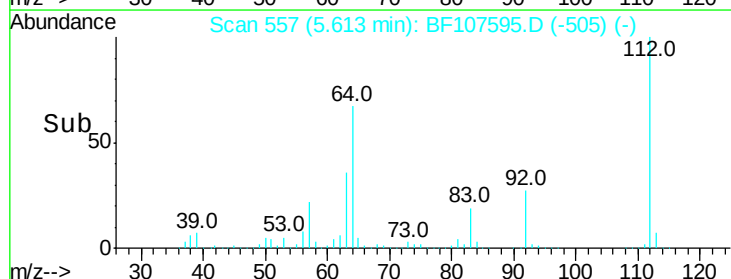
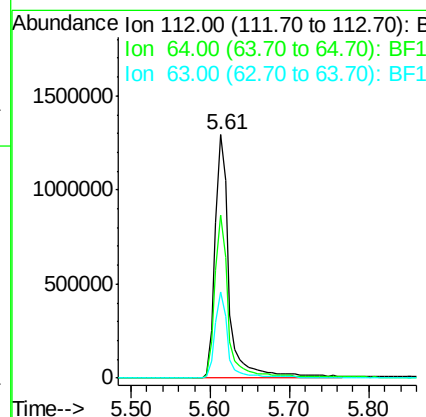
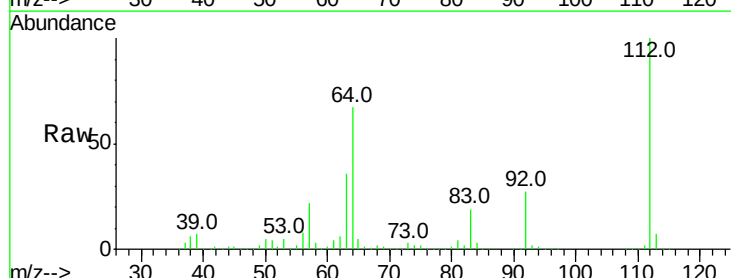
Sohil
7/24/2018 5:26:18 PM

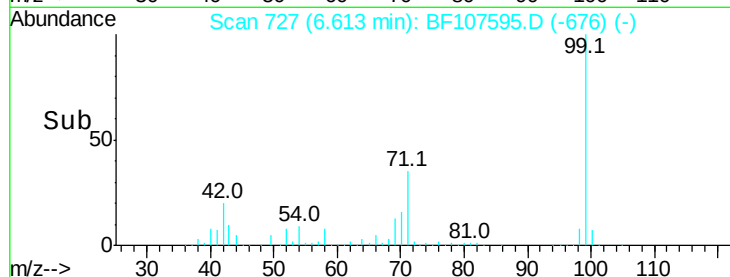
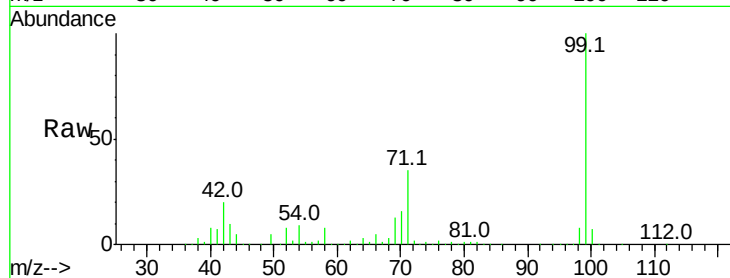
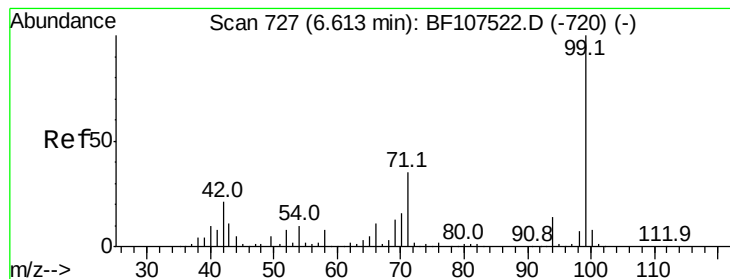


#5

2-Fluorophenol
Concen: 97.027 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF107595.D
Acq: 23 Jul 2018 18:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.2	47.9	71.9
63	35.6	23.7	35.5





#7

Phenol-d6

Concen: 96.626 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF107595.D

Acq: 23 Jul 2018 18:25

Tot Ion: 99 Resp: 1938054

Ion Ratio Lower Upper

99 100

42 20.1 14.5 21.7

71 35.2 25.4 38.0

Instrument :

BNA_F

ClientSampled :

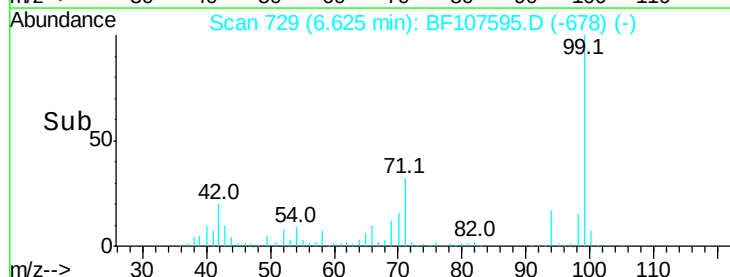
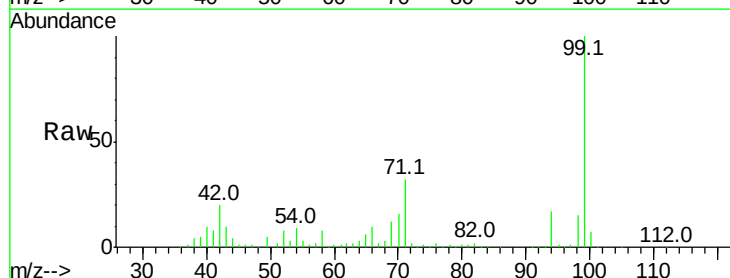
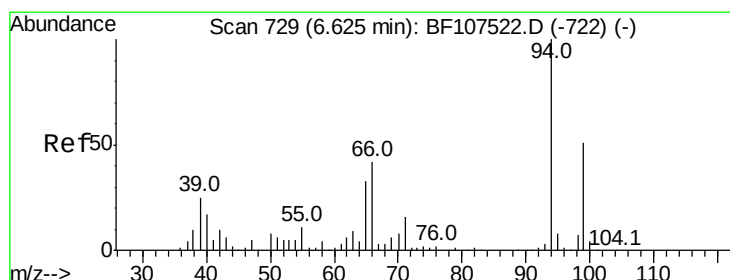
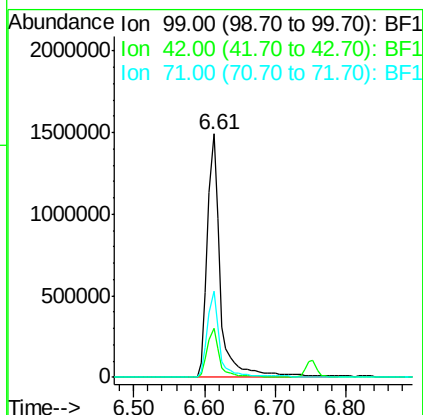
TP-10

Manual Integrations

APPROVED

Sohil

7/24/2018 5:26:18 PM



#10

Phenol

Concen: 2.436 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF107595.D

Acq: 23 Jul 2018 18:25

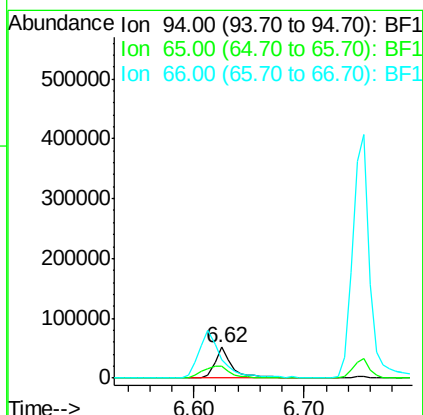
Tgt Ion: 94 Resp: 57455

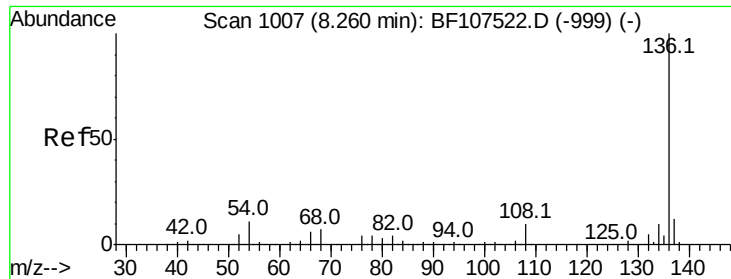
Ion Ratio Lower Upper

94 100

65 36.6 7.9 47.9

66 60.6 16.2 56.2#





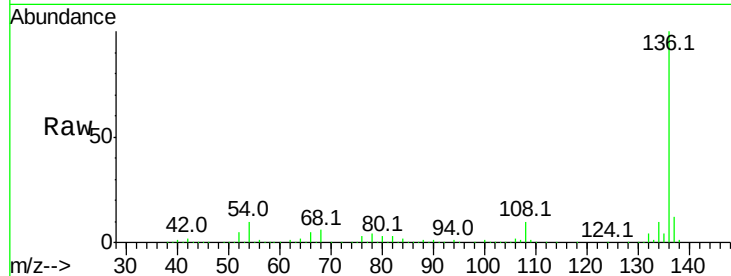
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF107595.D
Acq: 23 Jul 2018 18:25

Instrument :
BNA_F
ClientSampled :
TP-10

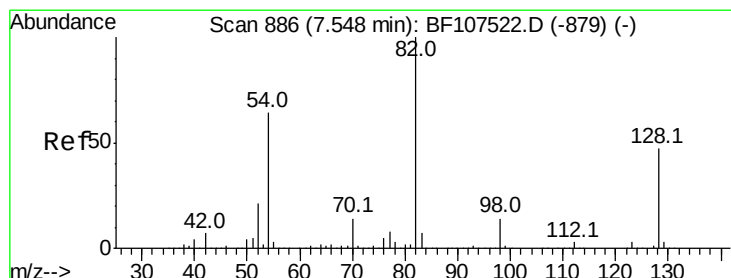
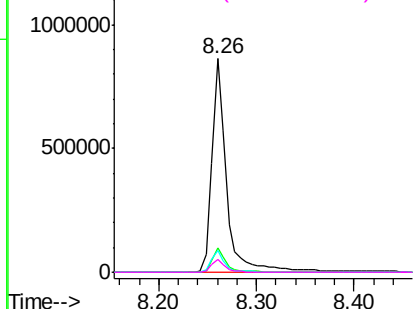
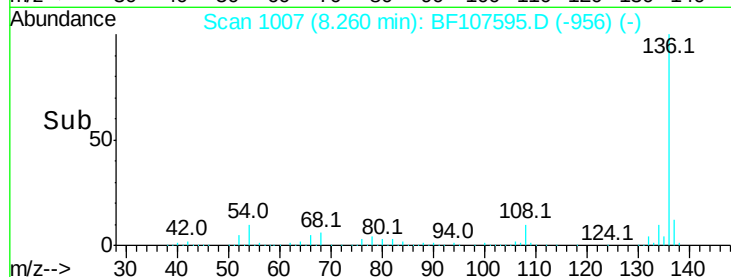
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.6	8.9	13.3	
54	10.1	6.6	9.8	
68	6.0	5.0	7.4	

Manual Integrations
APPROVED

Sohil
7/24/2018 5:26:18 PM

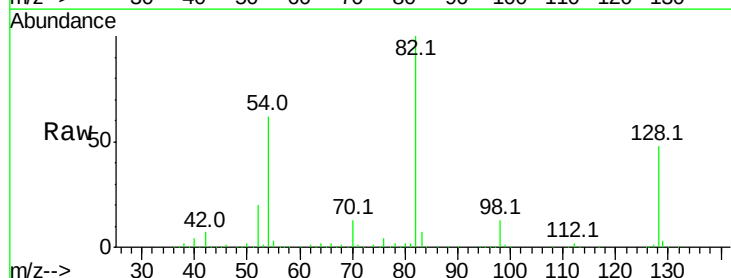


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

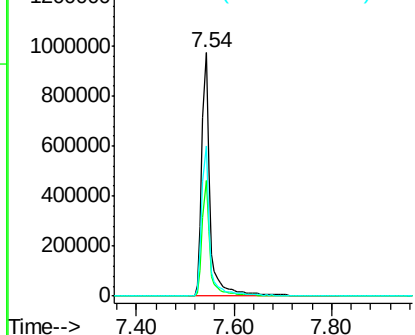
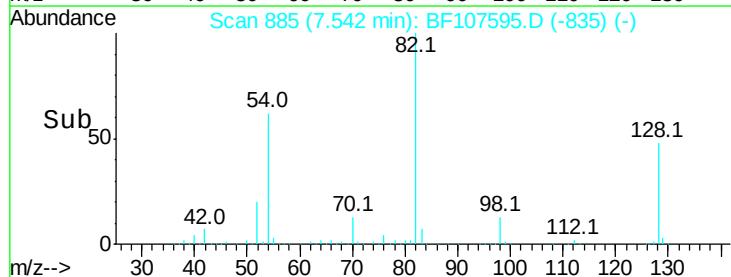


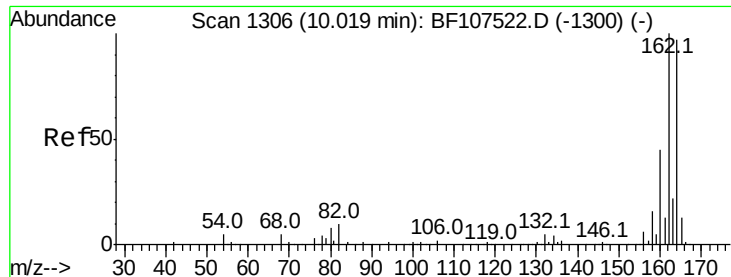
#23
Nitrobenzene-d5
Concen: 86.915 ng
RT: 7.54 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF107595.D
Acq: 23 Jul 2018 18:25

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.7	36.1	54.1	
54	61.9	41.4	62.2	



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





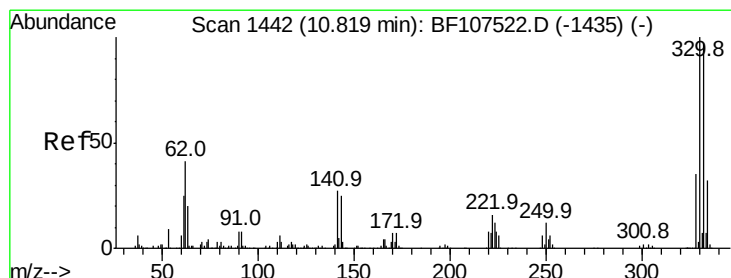
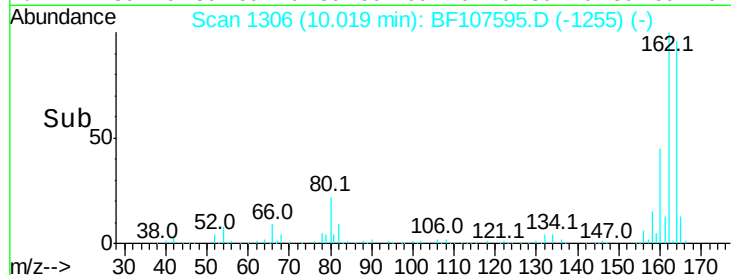
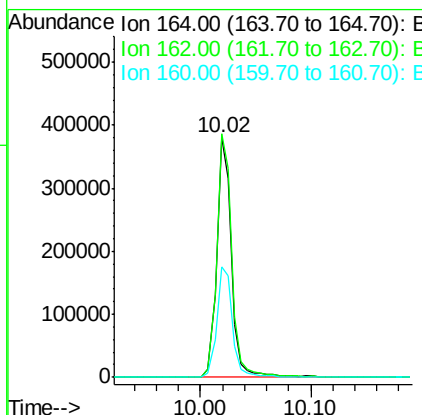
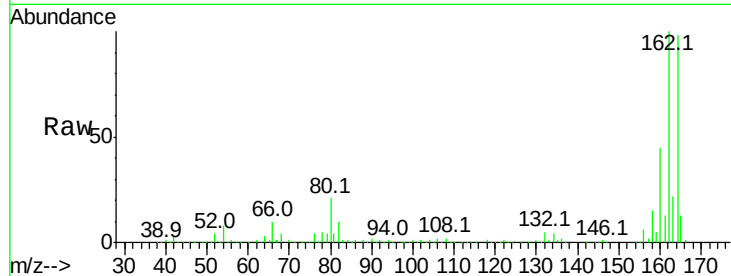
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF107595.D
Acq: 23 Jul 2018 18:25

Instrument :
BNA_F
ClientSampled :
TP-10

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.8	86.1	129.1
160	46.2	38.3	57.5

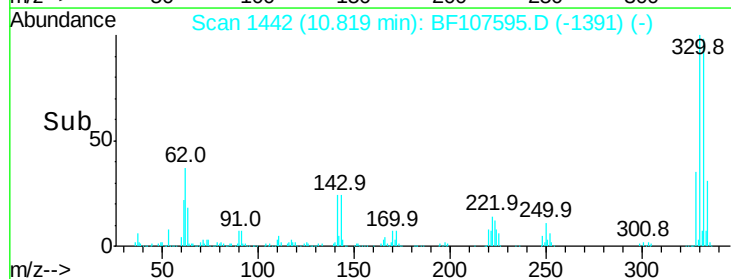
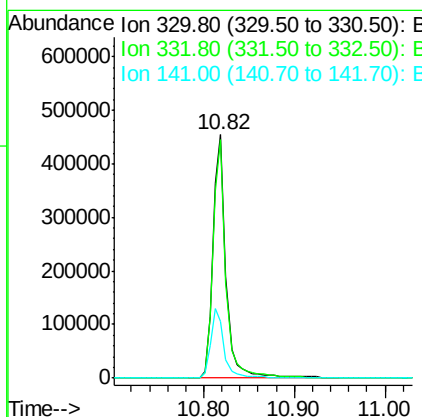
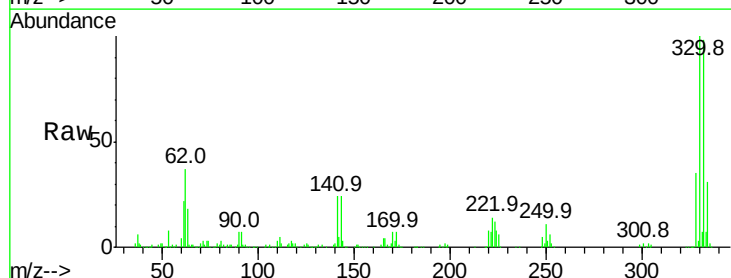
Manual Integrations
APPROVED

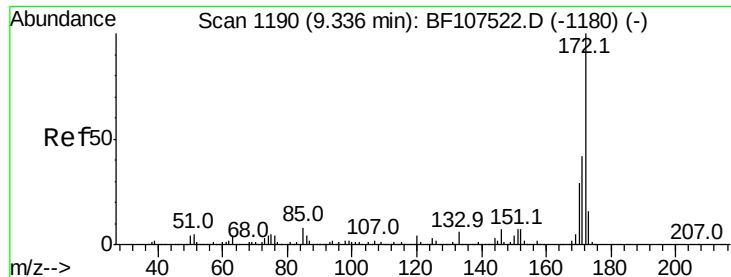
Sohil
7/24/2018 5:26:18 PM



#41
2,4,6-Tribromophenol
Concen: 115.578 ng
RT: 10.82 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF107595.D
Acq: 23 Jul 2018 18:25

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	29.8	29.9	44.9#





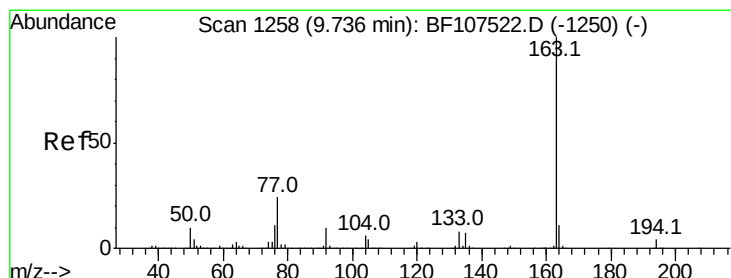
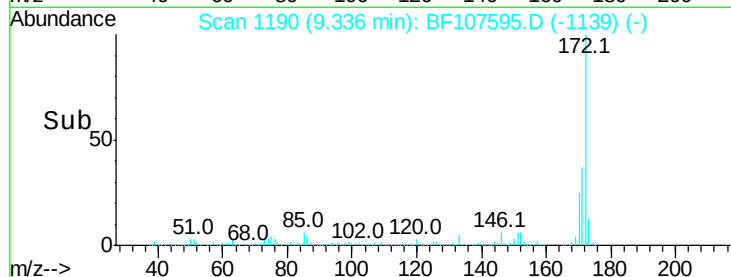
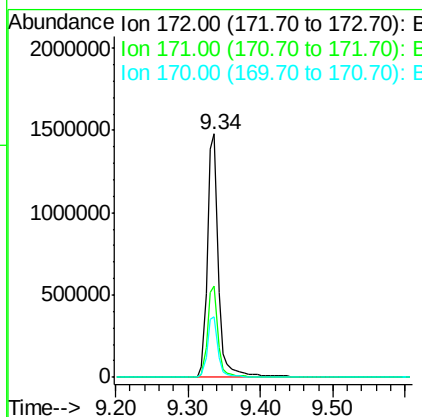
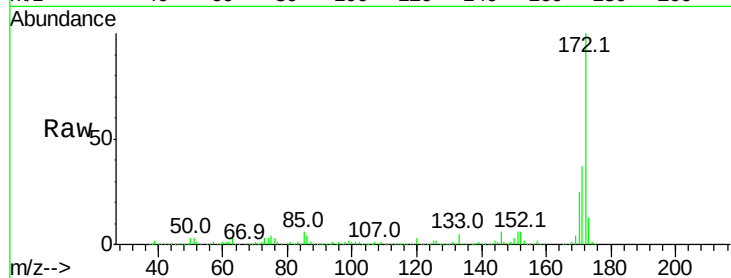
#44
2-Fluorobiphenyl
Concen: 75.181 ng
RT: 9.34 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BF107595.D
Acq: 23 Jul 2018 18:25

Instrument :
BNA_F
ClientSampled :
TP-10

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.7	44.5
170	25.0	19.6	29.4

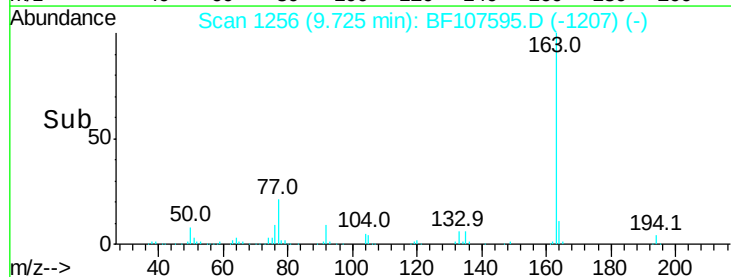
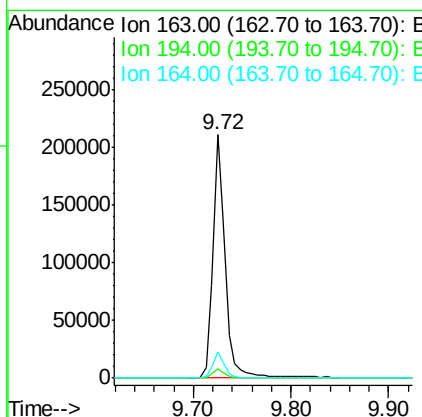
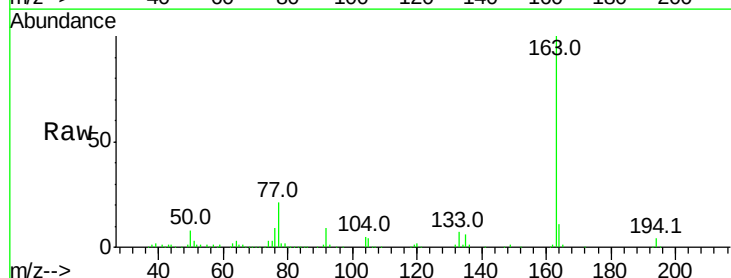
Manual Integrations
APPROVED

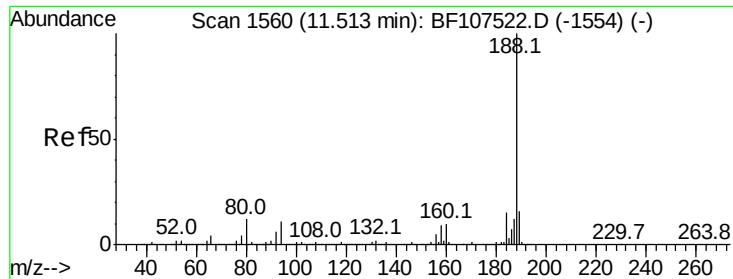
Sohil
7/24/2018 5:26:18 PM



#49
Dimethylphthalate
Concen: 7.023 ng
RT: 9.72 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF107595.D
Acq: 23 Jul 2018 18:25

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1
164	10.6	8.2	12.2





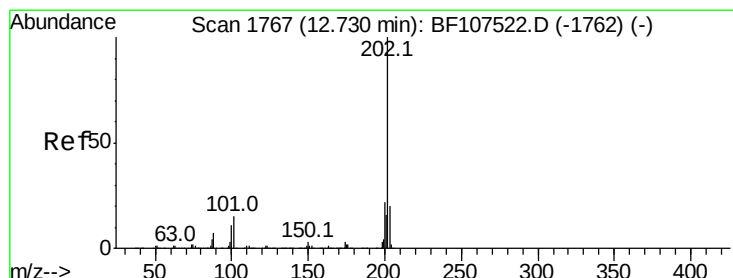
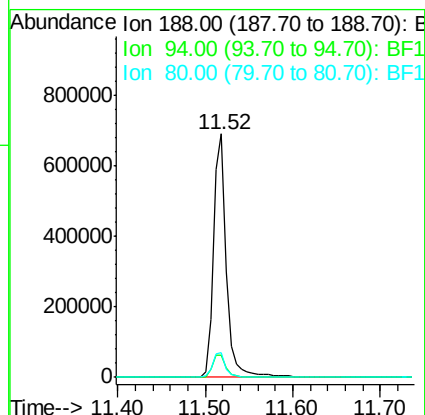
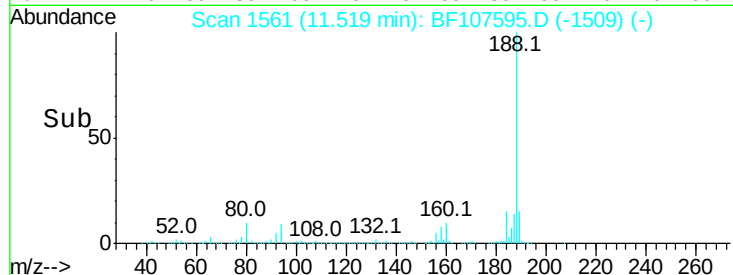
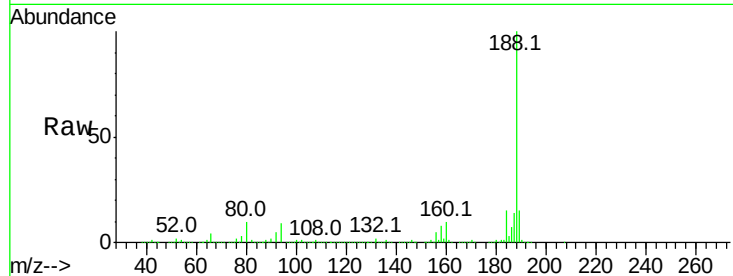
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BF107595.D
Acq: 23 Jul 2018 18:25

Instrument :
BNA_F
ClientSampled :
TP-10

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.1	8.5	12.7
80	10.0	9.2	13.8

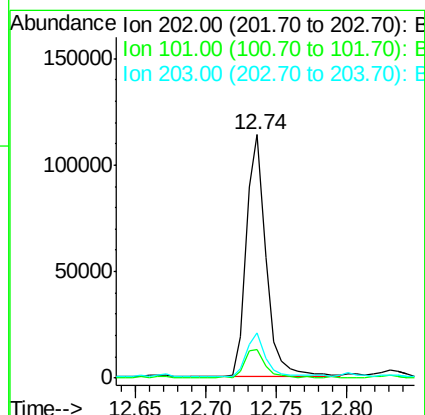
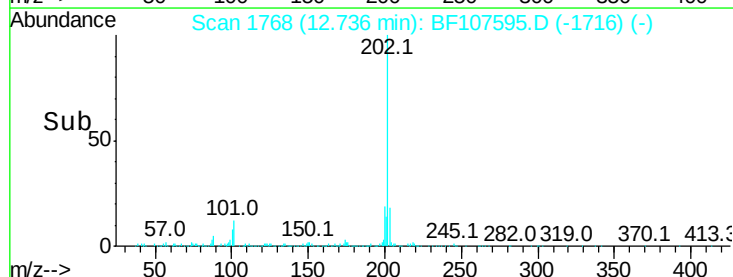
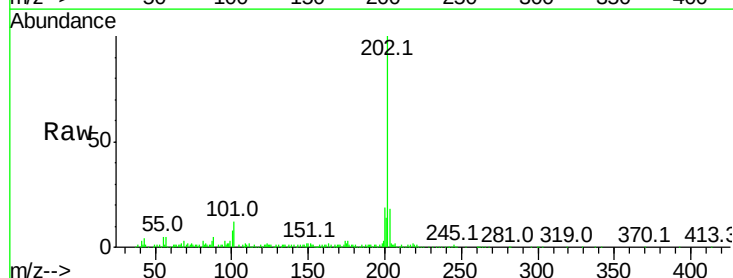
Manual Integrations
APPROVED

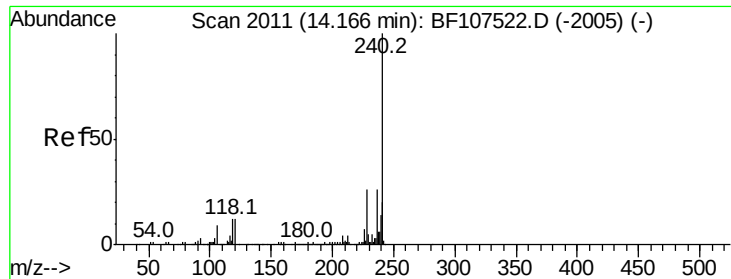
Sohil
7/24/2018 5:26:18 PM



#74
Fluoranthene
Concen: 3.031 ng
RT: 12.74 min Scan# 1768
Delta R.T. 0.01 min
Lab File: BF107595.D
Acq: 23 Jul 2018 18:25

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	11.5	0.0	34.1
203	18.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.18 min Scan# 2013

Delta R.T. 0.01 min

Lab File: BF107595.D

Acq: 23 Jul 2018 18:25

Instrument :

BNA_F

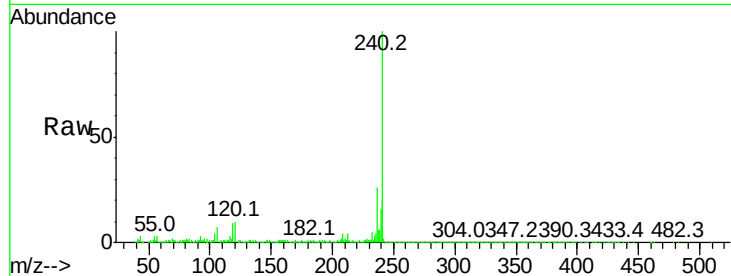
ClientSampleId :

TP-10

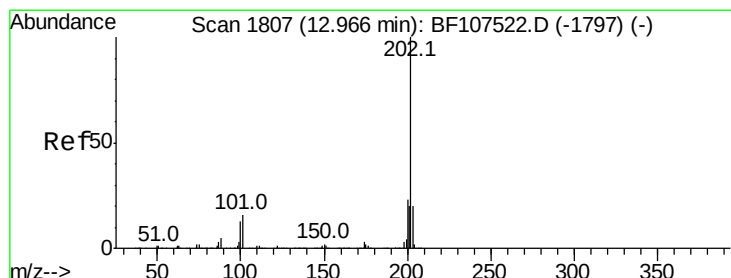
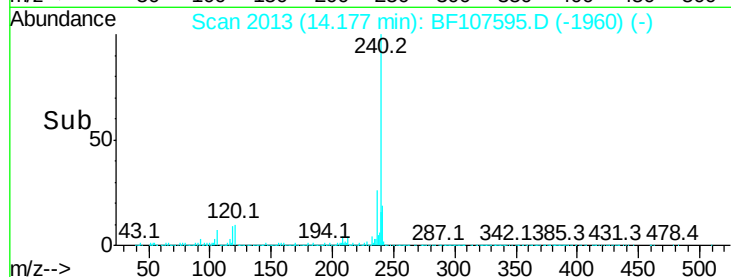
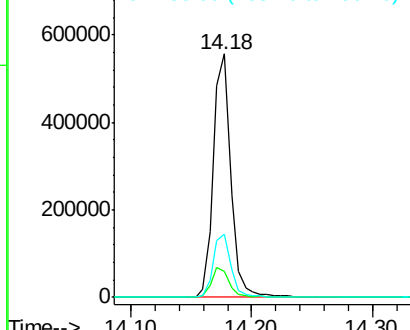
Tot Ion:	240	Resp:	549095
Ion Ratio	Lower	Upper	
240	100		
120	10.5	9.5	14.3
236	25.8	20.7	31.1

Manual Integrations
APPROVED

Sohil
7/24/2018 5:26:18 PM



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 3.234 ng

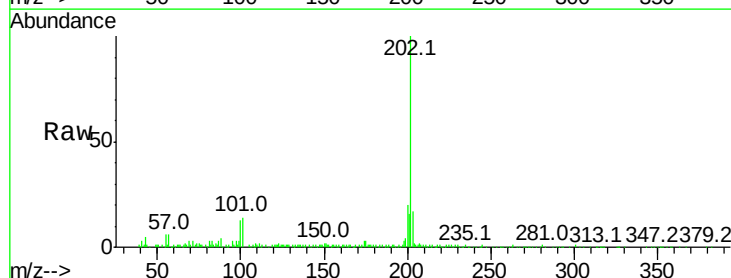
RT: 12.97 min Scan# 1807

Delta R.T. 0.00 min

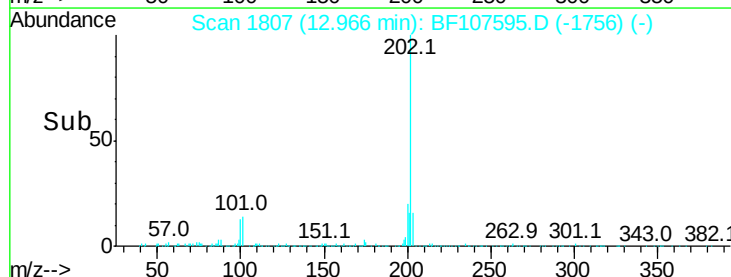
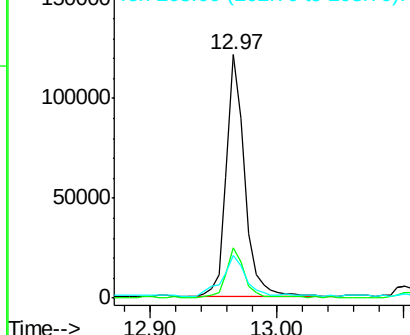
Lab File: BF107595.D

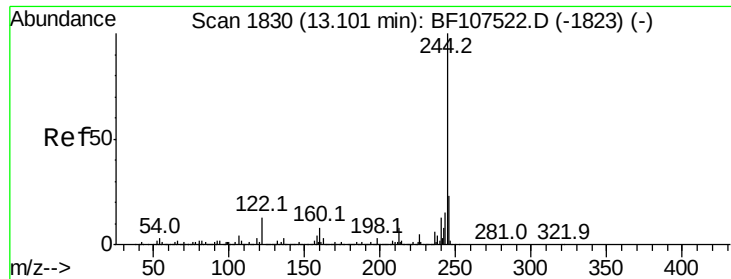
Acq: 23 Jul 2018 18:25

Tgt Ion:	202	Resp:	121467
Ion Ratio	Lower	Upper	
202	100		
200	20.5	17.4	26.2
203	17.4	14.3	21.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 75.459 ng

RT: 13.10 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF107595.D

Acq: 23 Jul 2018 18:25

Instrument :

BNA_F

ClientSampleId :

TP-10

Tot Ion:244 Resp: 1618457

Ion Ratio Lower Upper

244 100

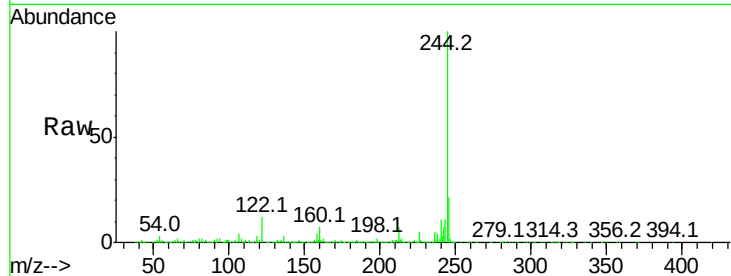
212 7.1 5.4 8.0

122 12.3 11.0 16.4

Manual Integrations
APPROVED

Sohil

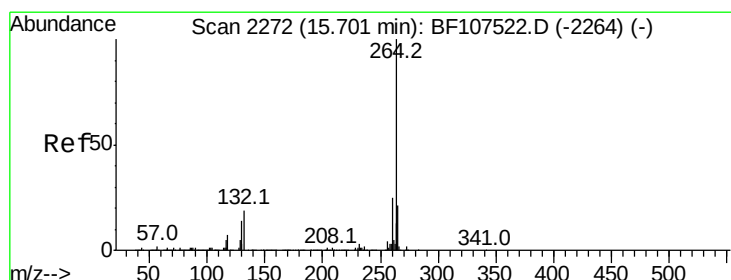
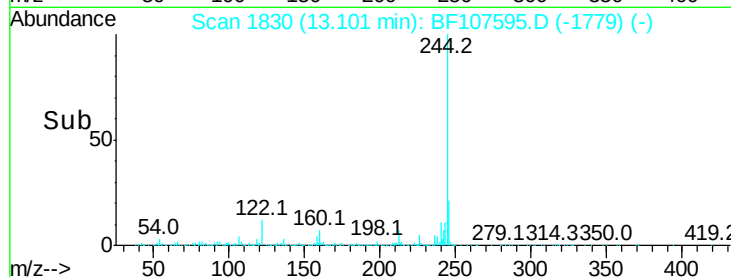
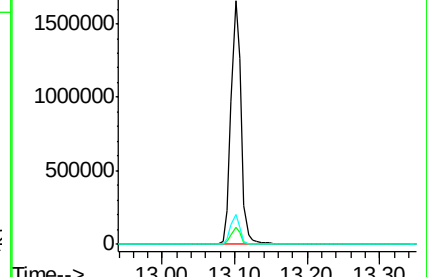
7/24/2018 5:26:18 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.72 min Scan# 2275

Delta R.T. 0.02 min

Lab File: BF107595.D

Acq: 23 Jul 2018 18:25

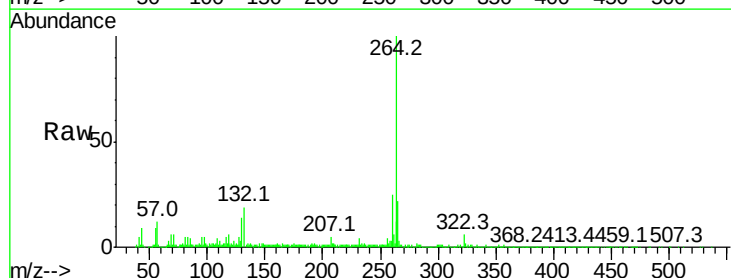
Tgt Ion:264 Resp: 405327

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

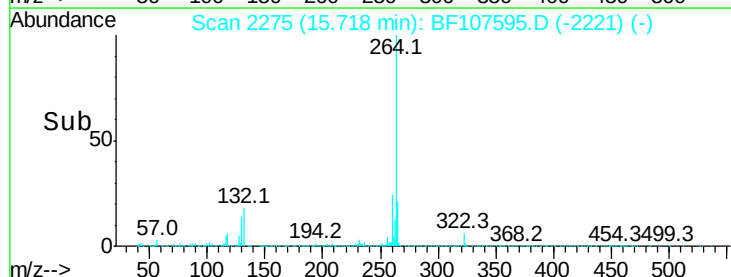
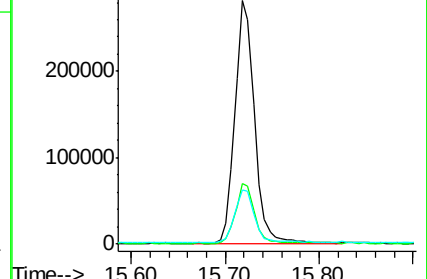
265 22.2 17.5 26.3

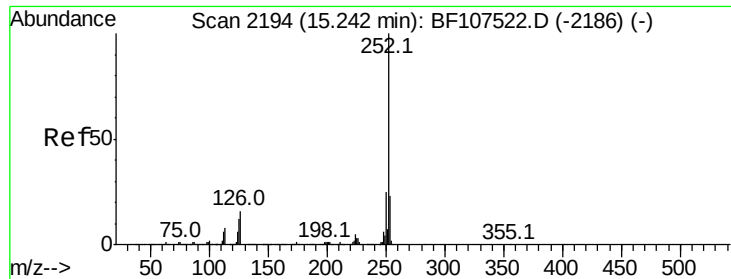


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87
 Benzo(b)fluoranthene
 Concen: 2.020 ng/ml
 RT: 15.26 min Scan# 2197
 Delta R.T. 0.02 min
 Lab File: BF107595.D
 Acq: 23 Jul 2018 18:25

Instrument :
 BNA_F
 ClientSampleId :
 TP-10

Tot Ion	Ratio	Lower	Upper
252	100		
253	30.2	17.0	25.6#
125	29.1	9.0	13.6#

Manual Integrations
 APPROVED

Sohil
 7/24/2018 5:26:18 PM

