

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
 Data File : BF107826.D
 Acq On : 31 Jul 2018 3:00
 Operator : JU/SJ
 Sample : J4121-08
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-7(8-10)

Manual Integrations
 APPROVED

Sohil
 7/31/2018 2:43:06 PM

Quant Time: Jul 31 05:13:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	189335	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	783378	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	313888	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	575935	20.00	ng	0.00
75) Chrysene-d12	14.15	240	464880	20.00	ng	0.00
86) Perylene-d12	15.69	264	326626	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1184249	106.30	ng	0.00
7) Phenol-d6	6.61	99	1496499	101.93	ng	0.00
23) Nitrobenzene-d5	7.53	82	995879	73.24	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	369681	86.68	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1607887	71.38	ng	0.00
78) Terphenyl-d14	13.10	244	1297101	60.50	ng	0.02
Target Compounds						
49) Dimethylphthalate	9.71	163	113624	4.820	ng	Qvalue # 97
74) Fluoranthene	12.73	202	78852	2.454	ng	88
77) Pyrene	12.73	202	78852	2.356	ng	95
87) Benzo(b)fluoranthene	15.24	252	33720m	2.093	ng	

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

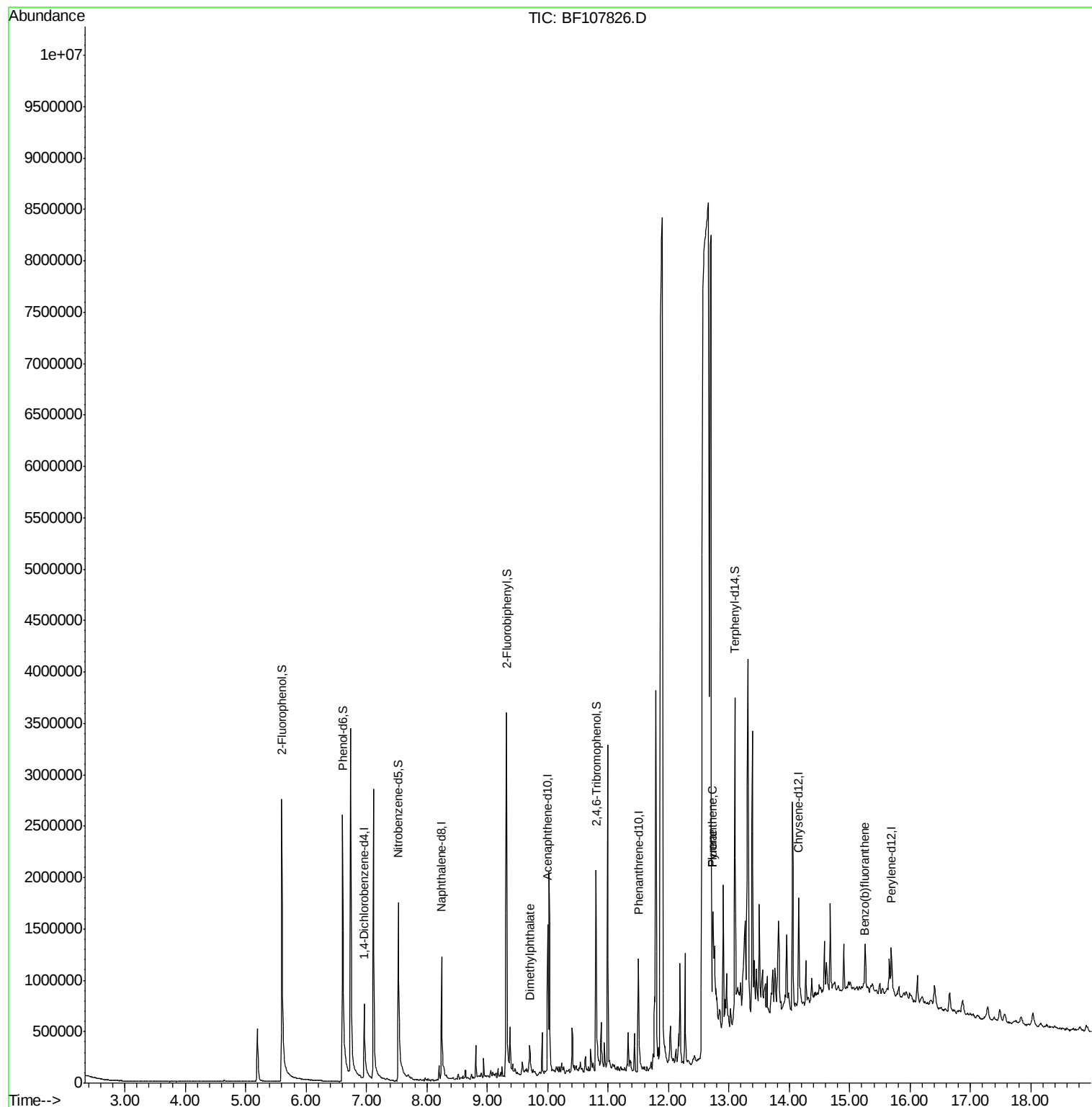
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
Data File : BF107826.D
Acq On : 31 Jul 2018 3:00
Operator : JU/SJ
Sample : J4121-08
Misc :
ALS Vial : 27 Sample Multiplier: 1

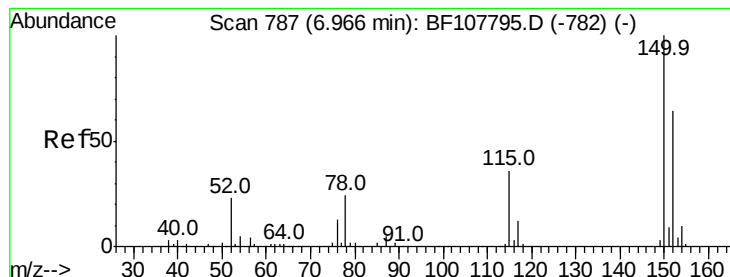
Instrument :
BNA_F
ClientSampleId :
SB-7(8-10)

Manual Integrations
APPROVED

Sohil
7/31/2018 2:43:06 PM

Quant Time: Jul 31 05:13:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 17:48:53 2018
Response via : Initial Calibration





#1

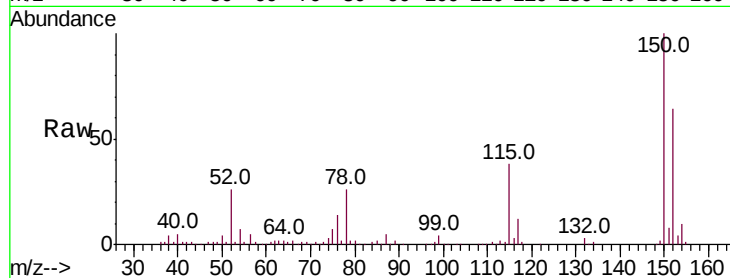
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF107826.D
Acq: 31 Jul 2018 3:00

Instrument :
BNA_F
ClientSampleId :
SB-7(8-10)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.6	186.8
115	59.2	50.1	75.1

Manual Integrations
APPROVED

Sohil
7/31/2018 2:43:06 PM

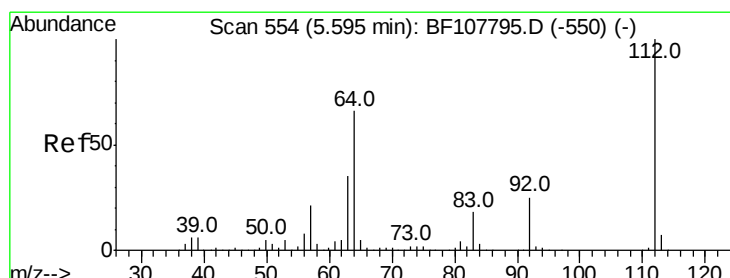
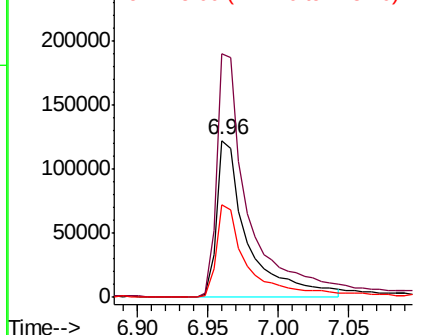
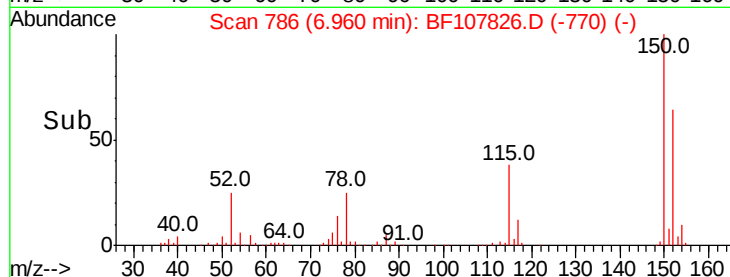


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

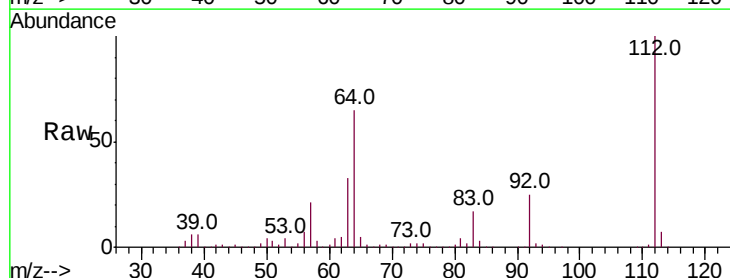
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 106.303 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF107826.D
Acq: 31 Jul 2018 3:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.2	47.9	71.9
63	32.9	23.7	35.5

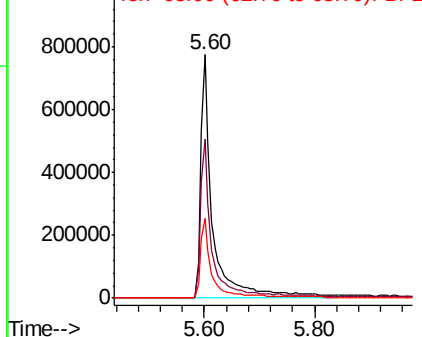
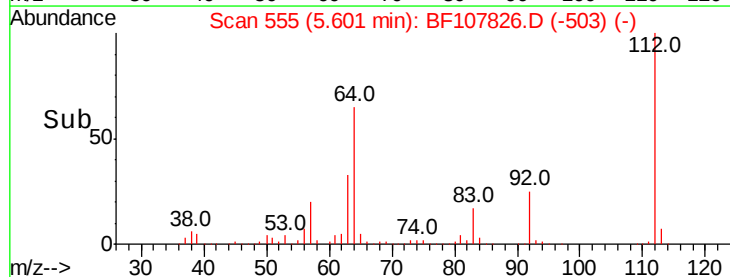


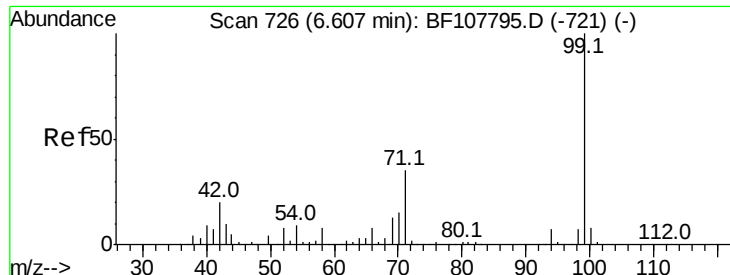
Abundance

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: 101.925 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF107826.D

Acq: 31 Jul 2018 3:00

Instrument :

BNA_F

ClientSampleId :

SB-7(8-10)

Tot Ion: 99 Resp: 1496499

Ion Ratio Lower Upper

99 100

42 18.4 14.5 21.7

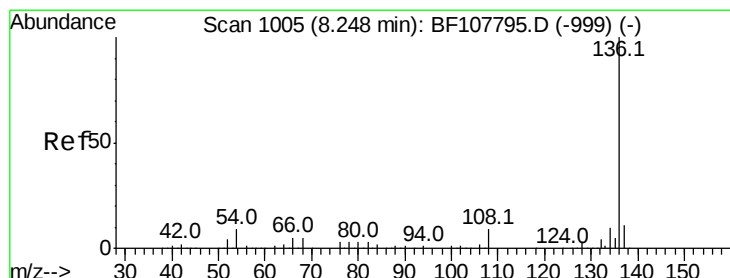
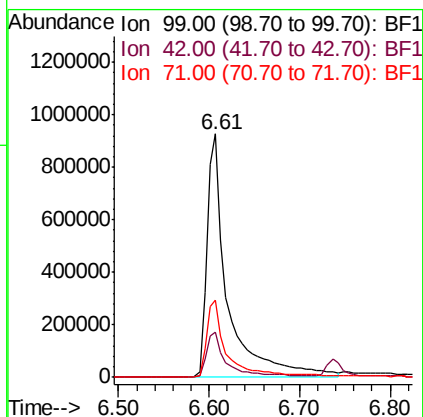
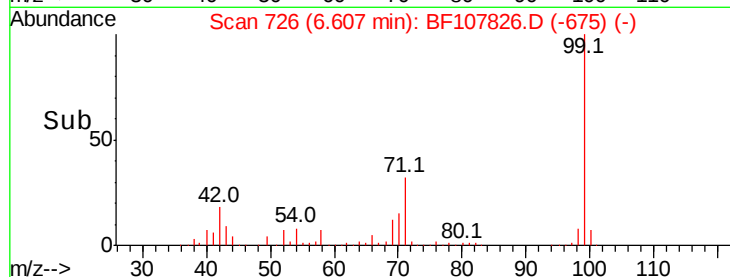
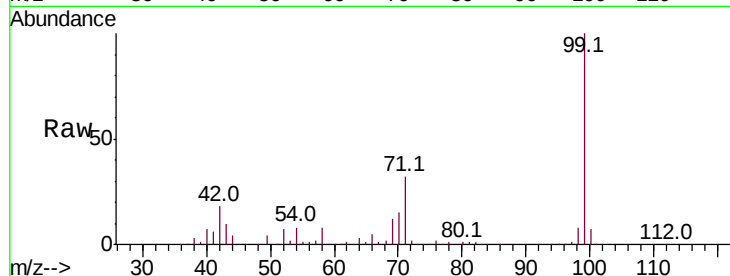
71 32.0 25.4 38.0

Manual Integrations

APPROVED

Sohil

7/31/2018 2:43:06 PM



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF107826.D

Acq: 31 Jul 2018 3:00

Tgt Ion: 136 Resp: 783378

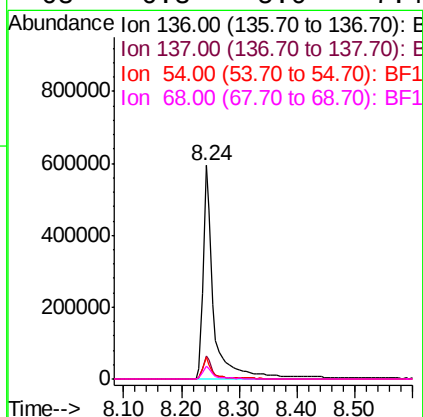
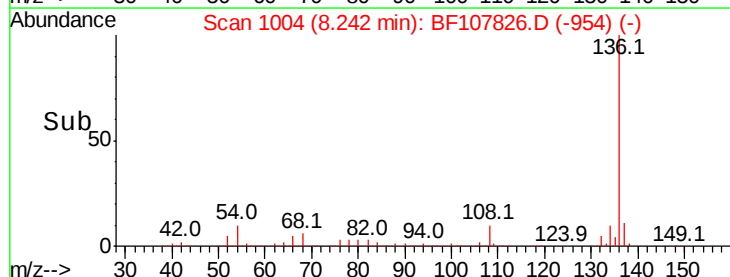
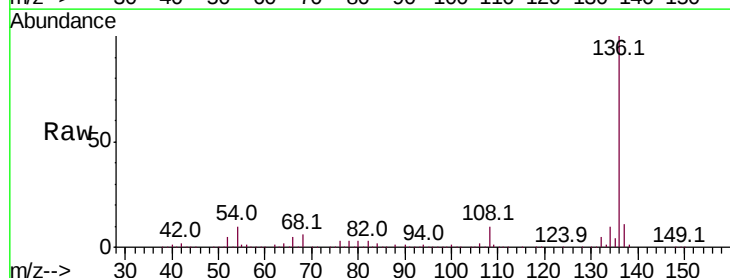
Ion Ratio Lower Upper

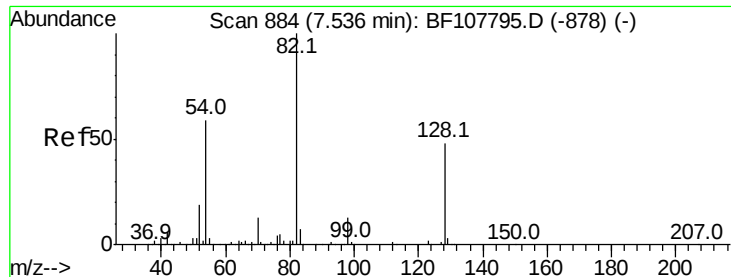
136 100

137 11.0 8.9 13.3

54 10.3 6.6 9.8#

68 6.3 5.0 7.4





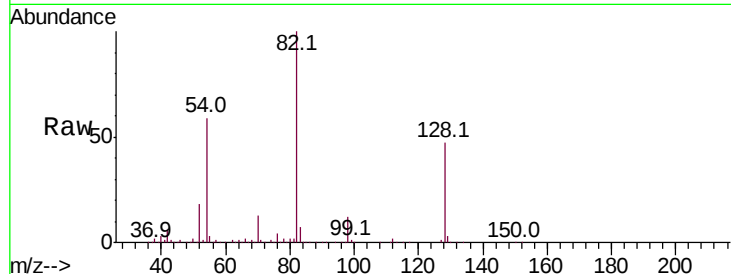
#23
Nitrobenzene-d5
Concen: 73.238 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF107826.D
Acq: 31 Jul 2018 3:00

Instrument :
BNA_F
ClientSampleId :
SB-7(8-10)

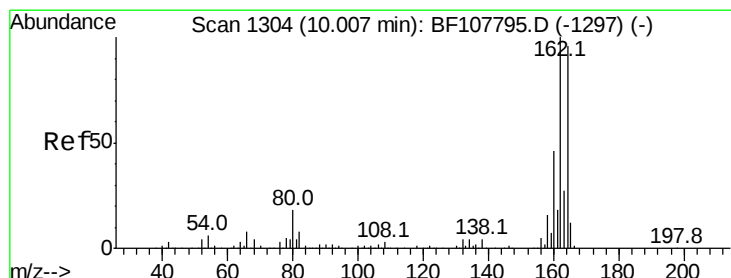
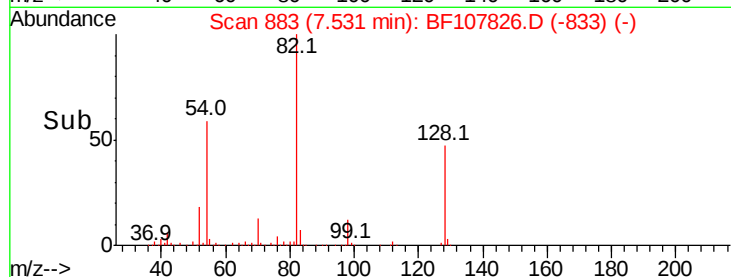
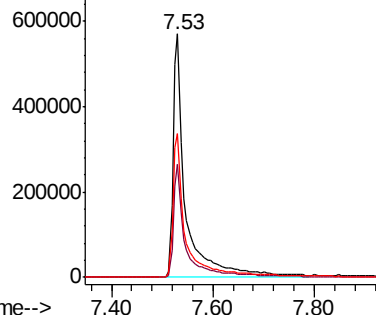
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.1	54.1
54	59.0	41.4	62.2

Manual Integrations
APPROVED

Sohil
7/31/2018 2:43:06 PM

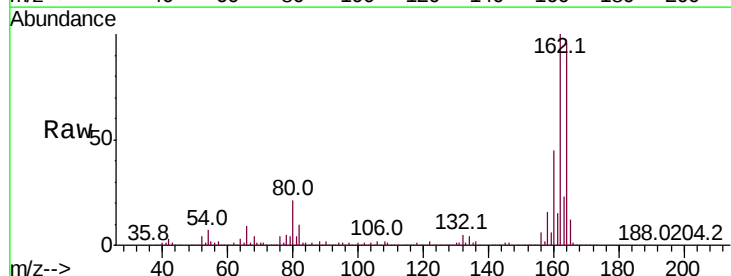


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

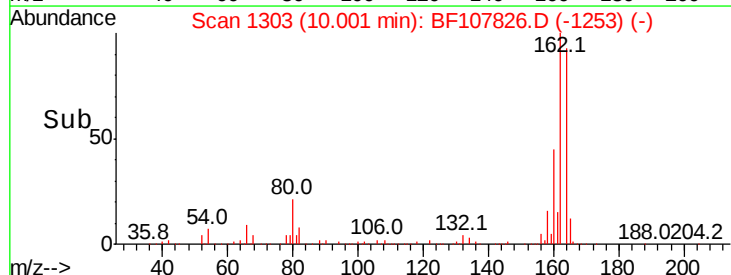
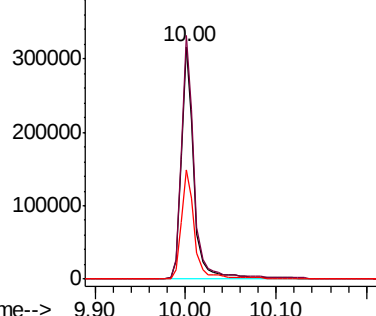


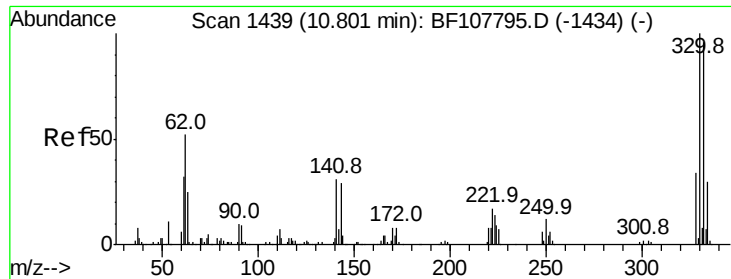
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107826.D
Acq: 31 Jul 2018 3:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.1	129.1
160	46.9	38.3	57.5



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





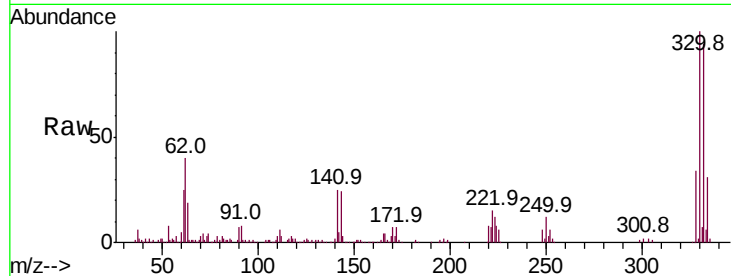
#41
 2,4,6-Tribromophenol
 Concen: 86.676 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF107826.D
 Acq: 31 Jul 2018 3:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-7(8-10)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	27.1	29.9	44.9#

Manual Integrations
 APPROVED

Sohil
 7/31/2018 2:43:06 PM

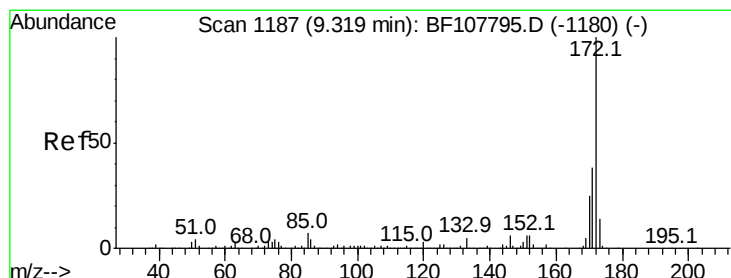
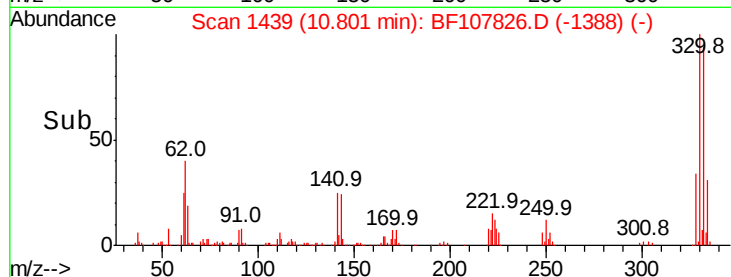
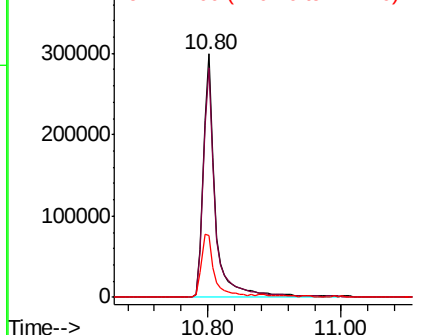


Abundance

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: 71.381 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BF107826.D
 Acq: 31 Jul 2018 3:00

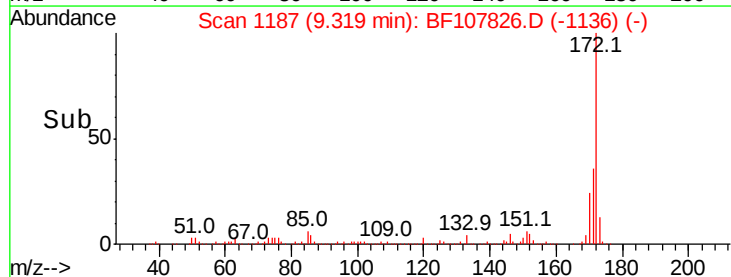
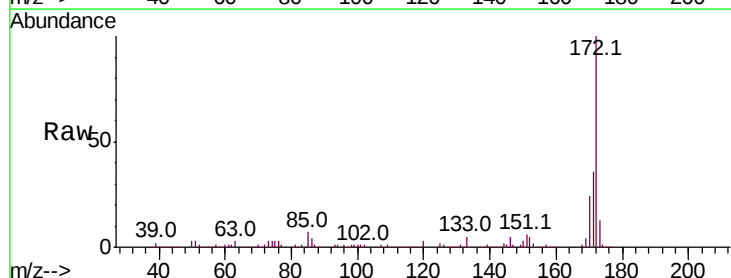
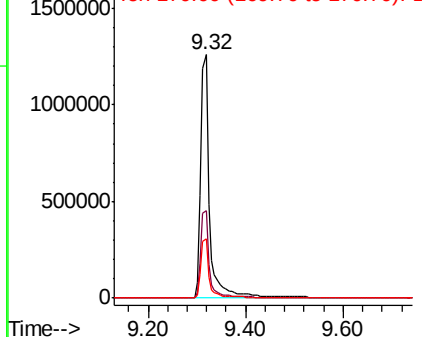
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.4	19.6	29.4

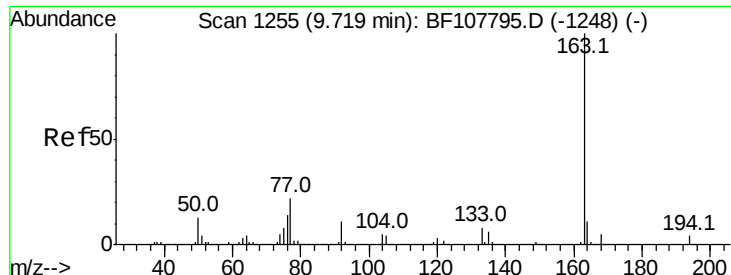
Abundance

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





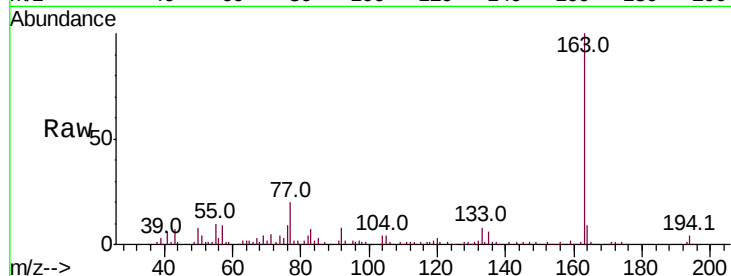
#49
Dimethylphthalate
Concen: 4.820 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF107826.D
Acq: 31 Jul 2018 3:00

Instrument :
BNA_F
ClientSampleId :
SB-7(8-10)

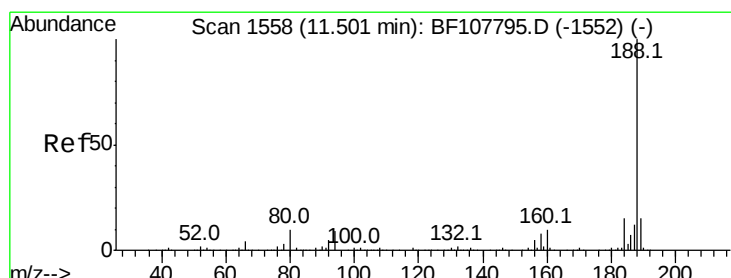
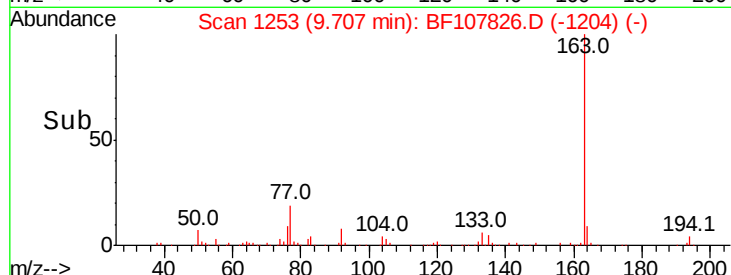
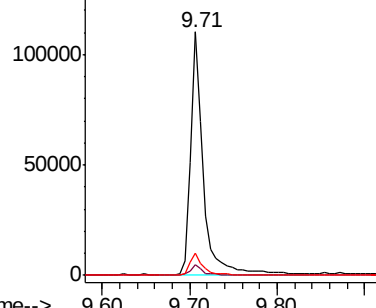
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.4	2.7	4.1#	
164	9.2	8.2	12.2	

Manual Integrations
APPROVED

Sohil
7/31/2018 2:43:06 PM

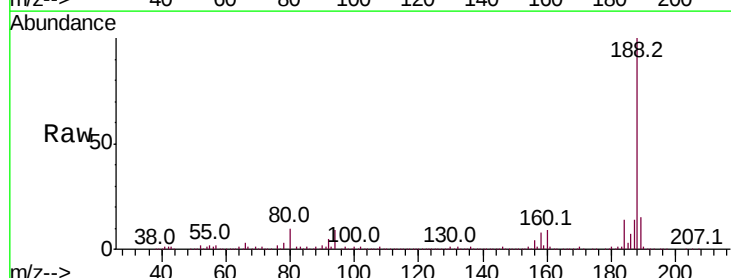


Abundance Ion 163.00 (162.70 to 163.70): E
150000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

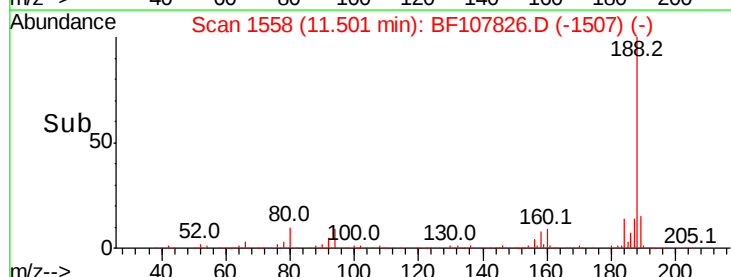
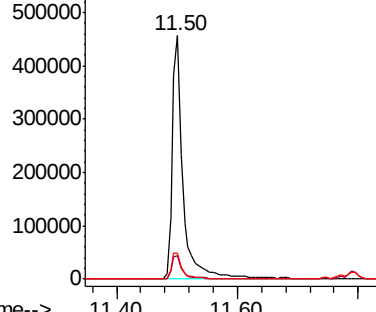


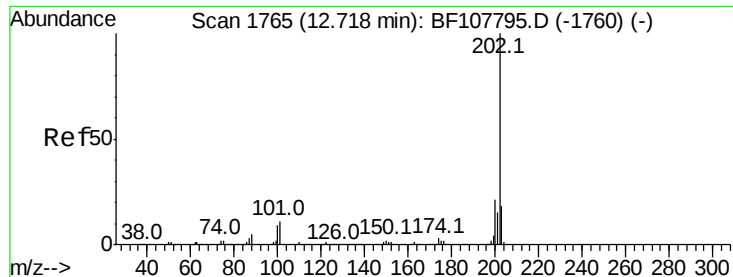
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF107826.D
Acq: 31 Jul 2018 3:00

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.4	8.5	12.7	
80	10.4	9.2	13.8	



Abundance Ion 188.00 (187.70 to 188.70): E
600000
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#74

Fluoranthene

Concen: 2.454 ng

RT: 12.73 min Scan# 1767

Delta R.T. 0.01 min

Lab File: BF107826.D

Acq: 31 Jul 2018 3:00

Instrument :

BNA_F

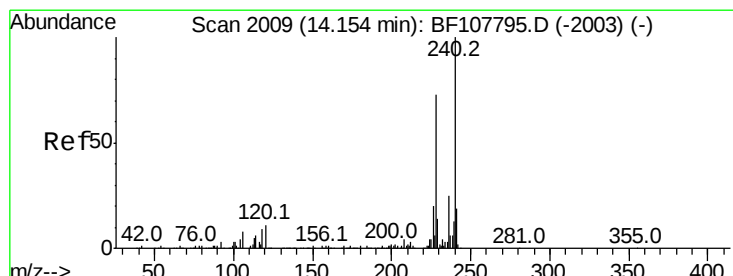
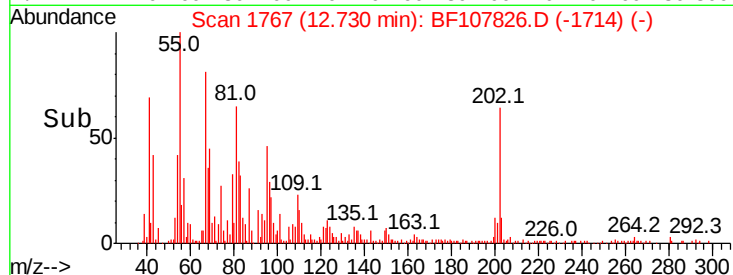
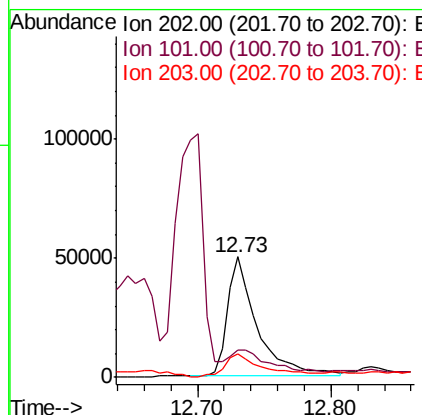
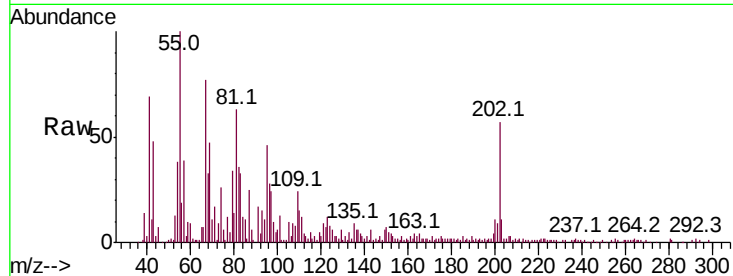
ClientSampleId :

SB-7(8-10)

Tot Ion:	202	Resp:	78852
Ion Ratio	Lower	Upper	
202	100		
101	23.2	0.0	34.1
203	19.8	0.0	38.1

Manual Integrations
APPROVED

Sohil
7/31/2018 2:43:06 PM



#75

Chrysene-d12

Concen: 20.000 ng

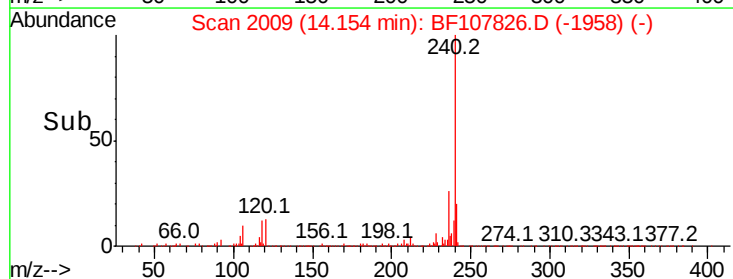
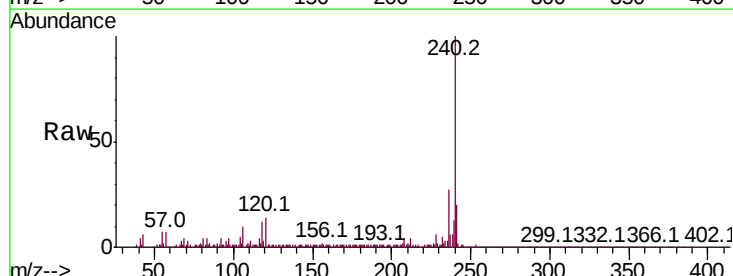
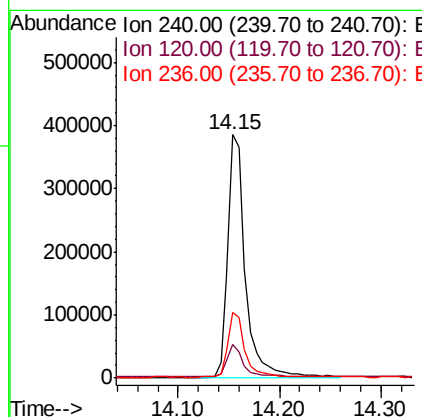
RT: 14.15 min Scan# 2009

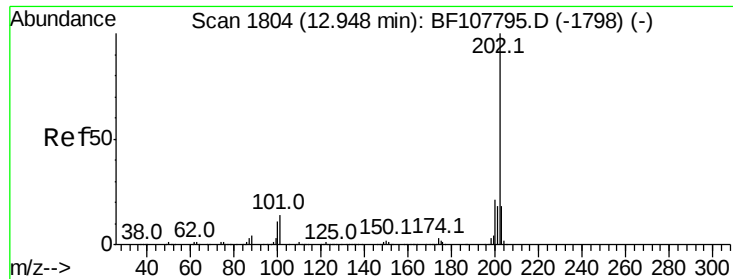
Delta R.T. -0.00 min

Lab File: BF107826.D

Acq: 31 Jul 2018 3:00

Tgt Ion:	240	Resp:	464880
Ion Ratio	Lower	Upper	
240	100		
120	13.7	9.5	14.3
236	26.8	20.7	31.1





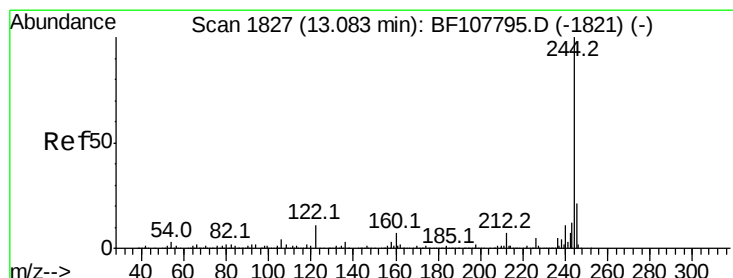
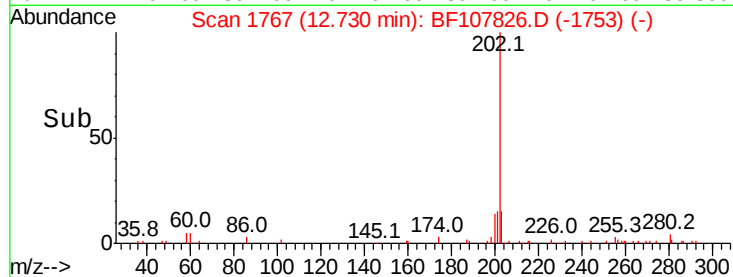
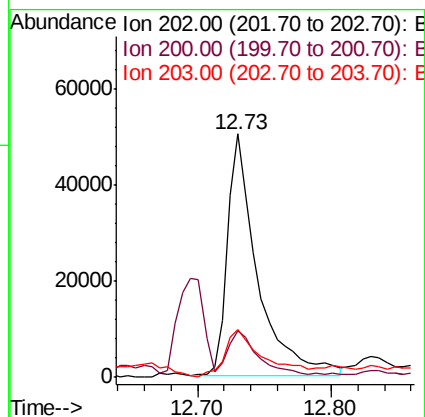
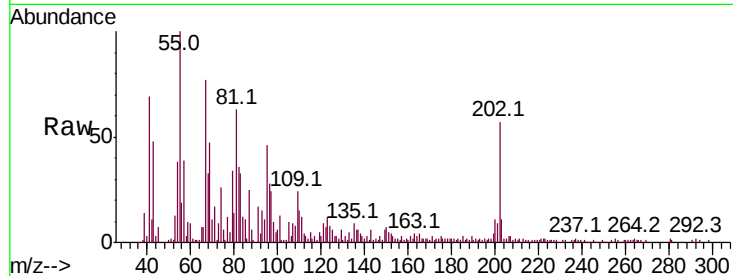
#77
Pvrene
Concen: 2.356 ng
RT: 12.73 min Scan# 1767
Delta R.T. -0.22 min
Lab File: BF107826.D
Acq: 31 Jul 2018 3:00

Instrument :
BNA_F
ClientSampleId :
SB-7(8-10)

Tot Ion:	202	Resp:	78852
Ion Ratio	Lower	Upper	
202	100		
200	19.3	17.4	26.2
203	19.8	14.3	21.5

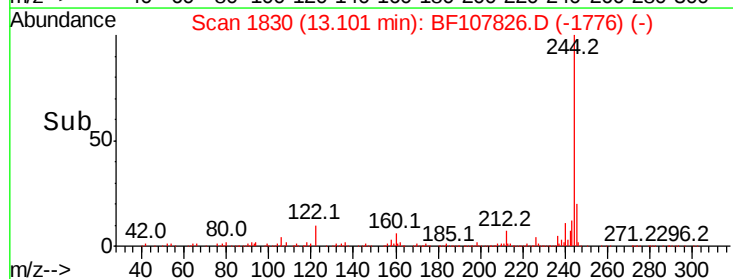
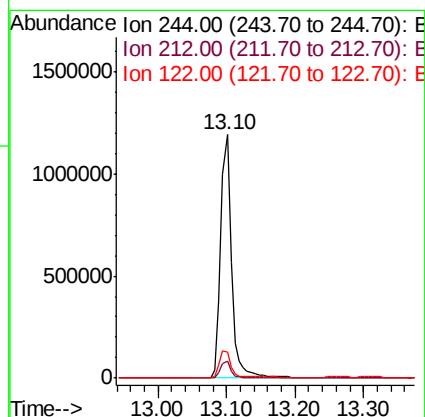
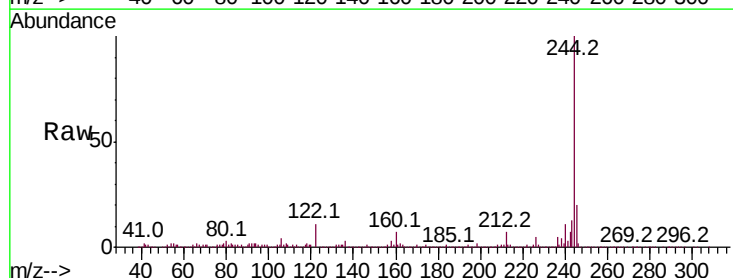
Manual Integrations
APPROVED

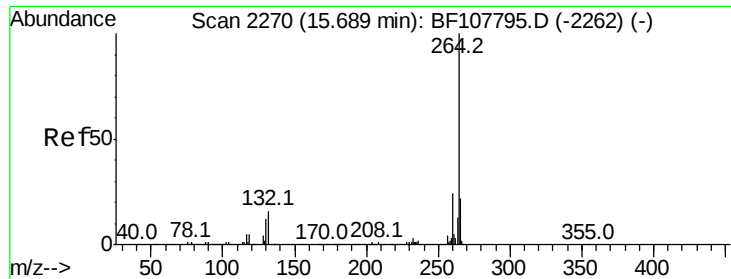
Sohil
7/31/2018 2:43:06 PM



#78
Terphenyl-d14
Concen: 60.503 ng
RT: 13.10 min Scan# 1830
Delta R.T. 0.02 min
Lab File: BF107826.D
Acq: 31 Jul 2018 3:00

Tgt Ion:	244	Resp:	1297101
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.4	8.0
122	10.8	11.0	16.4#





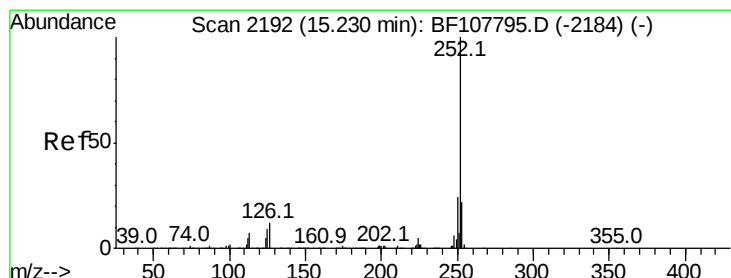
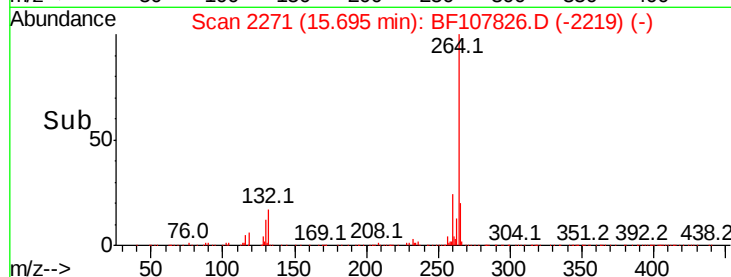
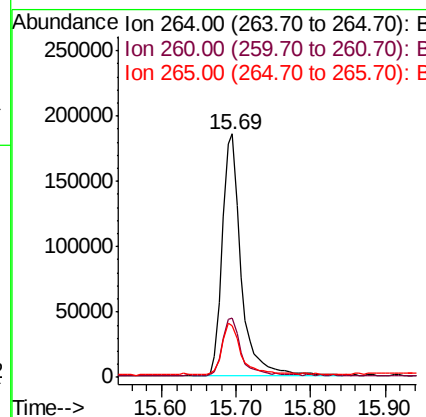
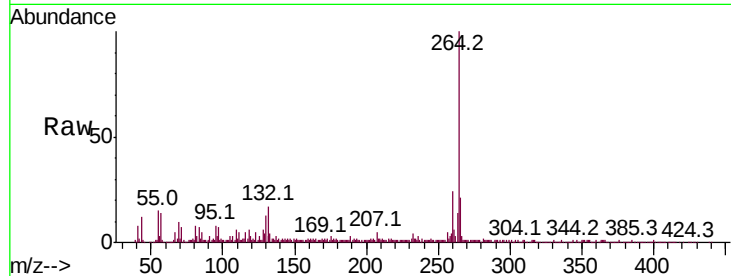
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF107826.D
Acq: 31 Jul 2018 3:00

Instrument :
BNA_F
ClientSampled :
SB-7(8-10)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.1	17.5	26.3

Manual Integrations
APPROVED

Sohil
7/31/2018 2:43:06 PM



#87
Benzo(b)fluoranthene
Concen: 2.093 ng m
RT: 15.24 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BF107826.D
Acq: 31 Jul 2018 3:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	49.2	17.0	25.6#
125	45.6	9.0	13.6#

