

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
 Data File : BF108679.D
 Acq On : 31 Aug 2018 9:28
 Operator : JU/SJ
 Sample : J4700-17
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 082818-TIPC-F-D-B

Manual Integrations
 APPROVED

Sohil
 8/31/2018 12:19:17 PM

Quant Time: Aug 31 10:50:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 15:06:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	96910	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	392192	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	193213	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	375161	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	322654	20.00	ng	-0.01
86) Perylene-d12	15.74	264	269814	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	145000m	25.99	ng	0.02
7) Phenol-d6	6.65	99	149227	18.68	ng	0.00
23) Nitrobenzene-d5	7.56	82	625911	81.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	189562	74.32	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1263445	87.92	ng	0.00
78) Terphenyl-d14	13.12	244	1219033	73.41	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.74	163	174832	11.491	ng	Qvalue 100

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

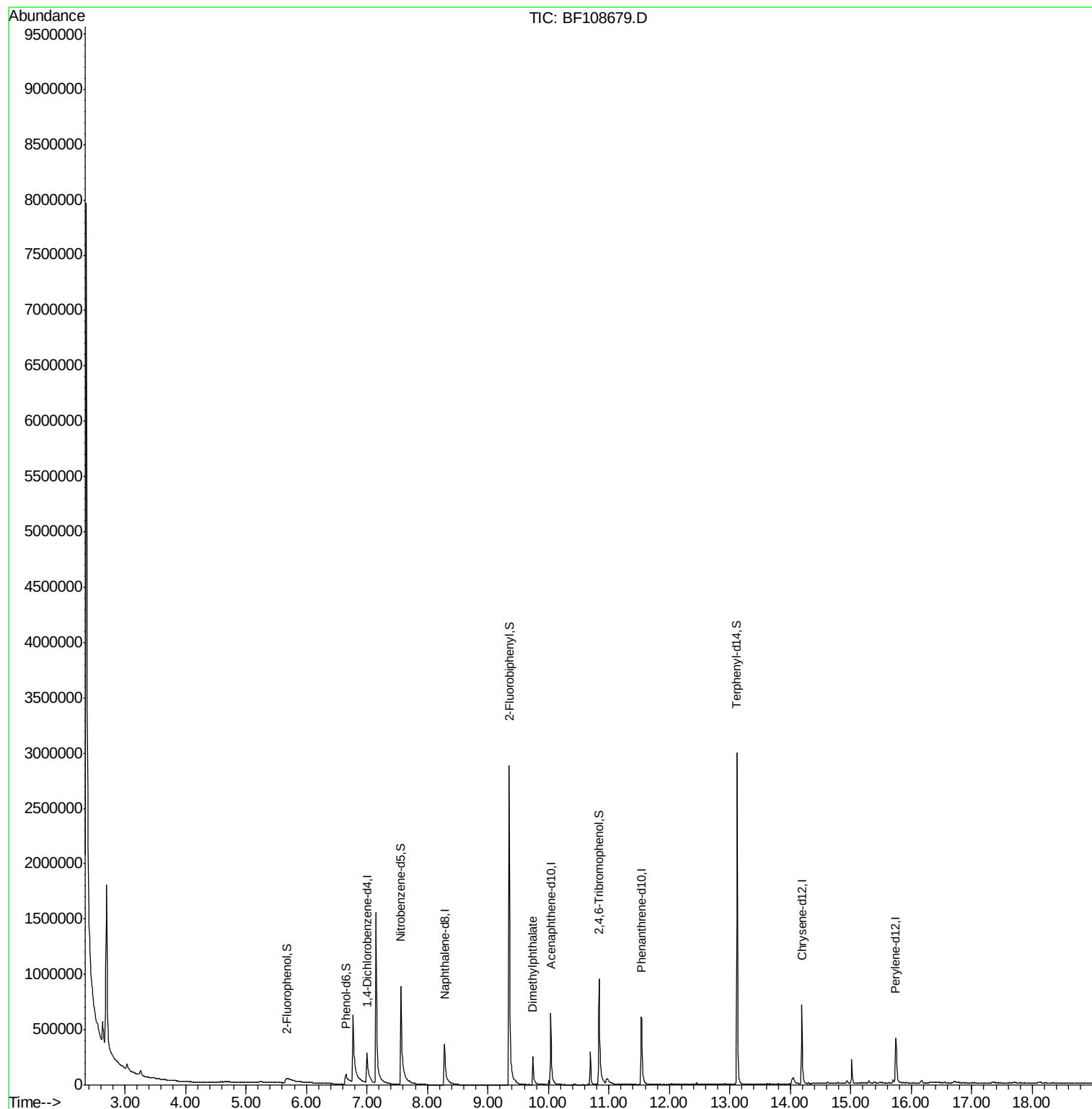
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
Data File : BF108679.D
Acq On : 31 Aug 2018 9:28
Operator : JU/SJ
Sample : J4700-17
Misc :
ALS Vial : 38 Sample Multiplier: 1

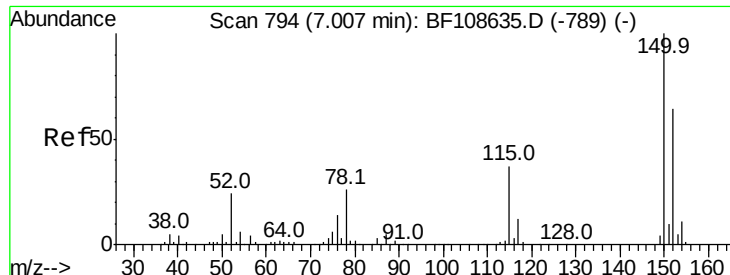
Instrument :
BNA_F
ClientSampleId :
082818-TIPC-F-D-B

Manual Integrations
APPROVED

Sohil
8/31/2018 12:19:17 PM

Quant Time: Aug 31 10:50:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 30 15:06:55 2018
Response via : Initial Calibration





#1

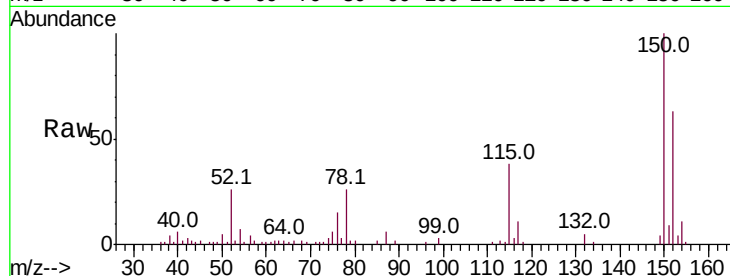
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108679.D
Acq: 31 Aug 2018 9:28

Instrument :
BNA_F
ClientSampleId :
082818-TIPC-F-D-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.6	186.8
115	59.9	50.1	75.1

Manual Integrations
APPROVED

Sohil
8/31/2018 12:19:17 PM

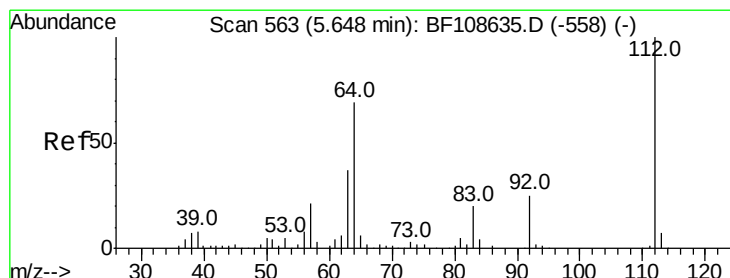
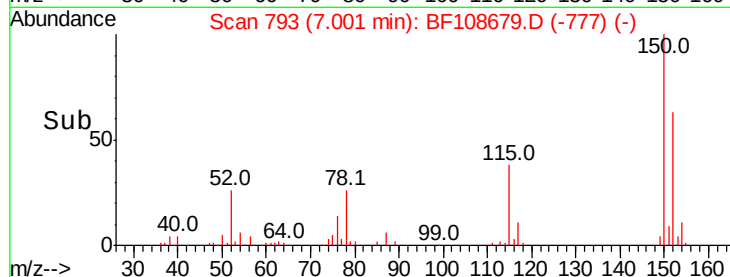
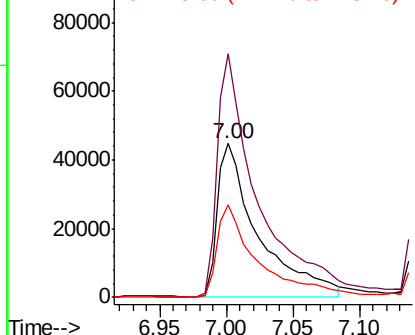


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

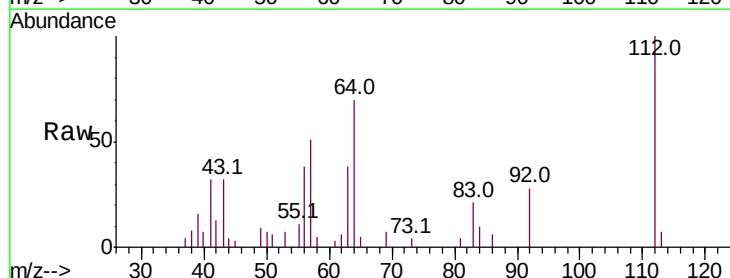
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 25.993 ng m
RT: 5.67 min Scan# 566
Delta R.T. 0.02 min
Lab File: BF108679.D
Acq: 31 Aug 2018 9:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.5	47.9	71.9
63	37.9	23.7	35.5#

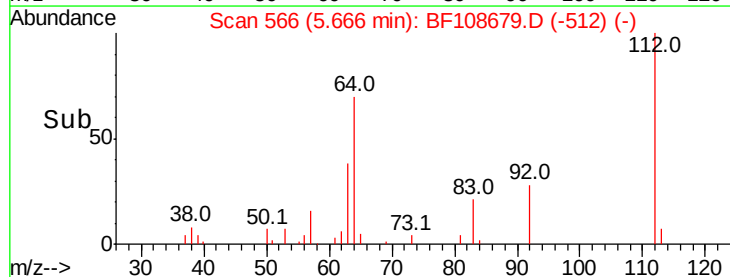
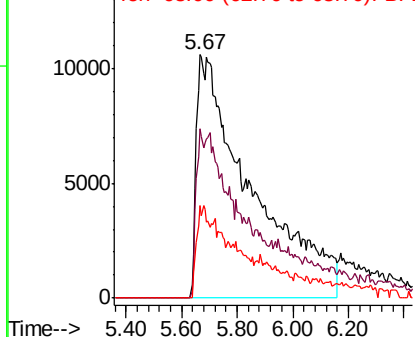


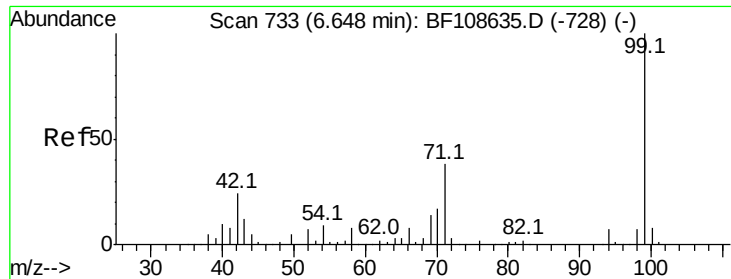
Abundance

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: 18.677 ng

RT: 6.65 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF108679.D

Acq: 31 Aug 2018 9:28

Instrument :

BNA_F

ClientSampleId :

082818-TIPC-F-D-B

Tot Ion: 99 Resp: 149227

Ion Ratio Lower Upper

99 100

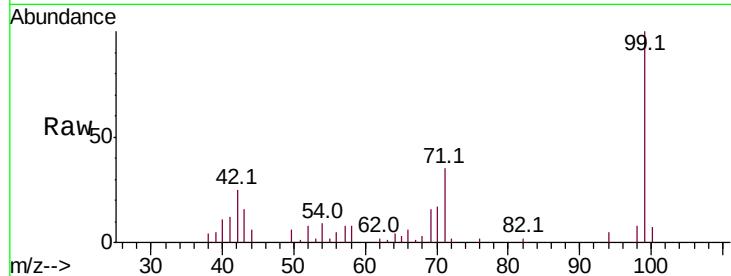
42 25.0 14.5 21.7#

71 35.4 25.4 38.0

Manual Integrations
APPROVED

Sohil

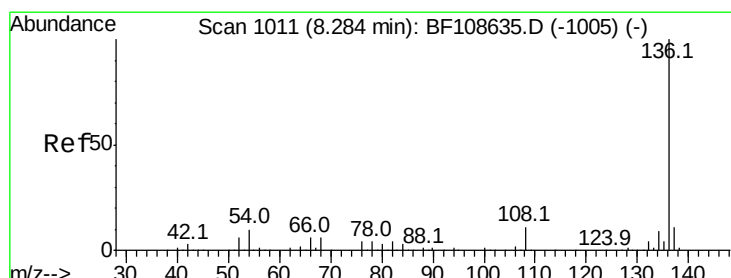
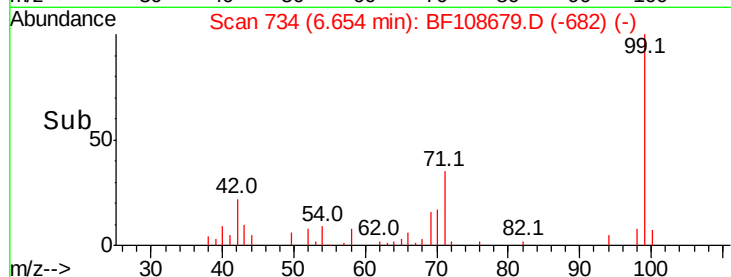
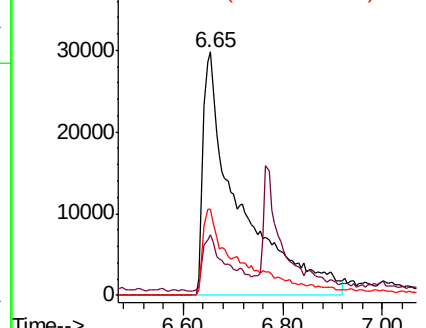
8/31/2018 12:19:17 PM



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: 8.28 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BF108679.D

Acq: 31 Aug 2018 9:28

Tgt Ion: 136 Resp: 392192

Ion Ratio Lower Upper

136 100

137 10.3 8.9 13.3

54 9.0 6.6 9.8

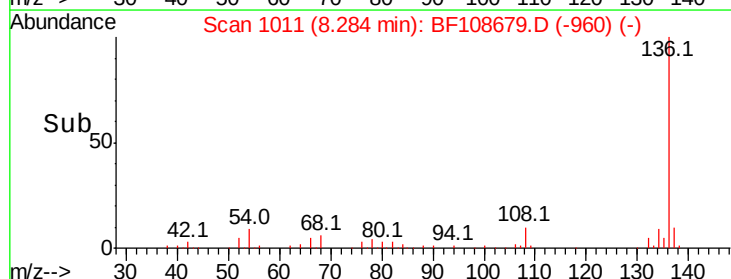
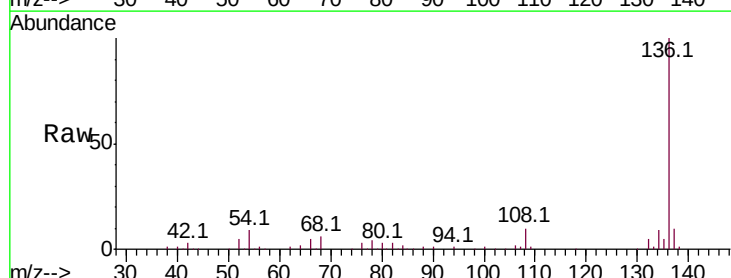
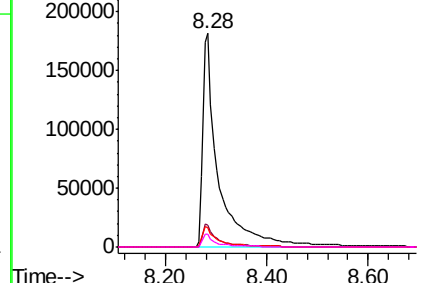
68 5.8 5.0 7.4

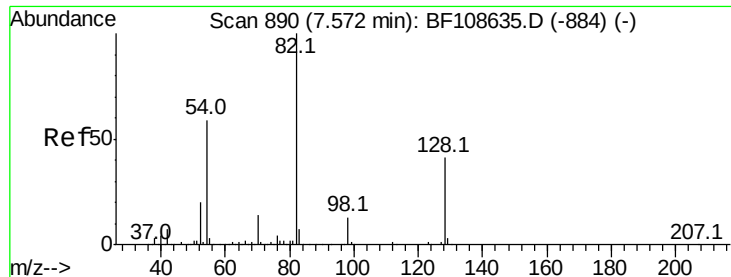
Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.007 ng

RT: 7.56 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF108679.D

Acq: 31 Aug 2018 9:28

Instrument :

BNA_F

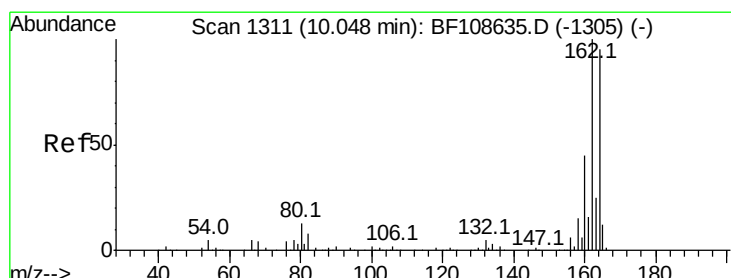
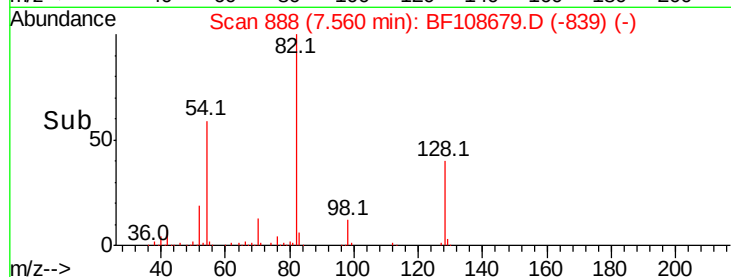
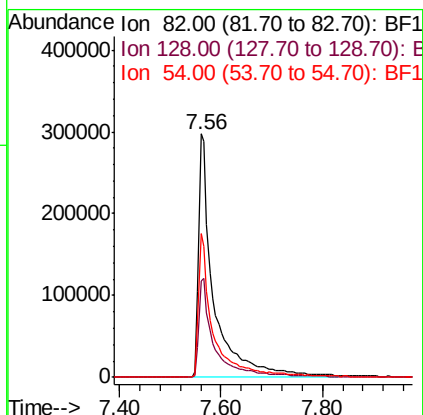
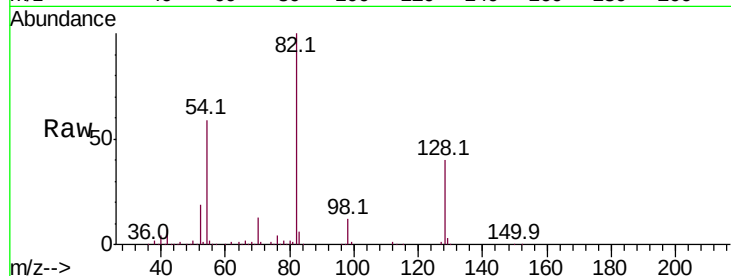
ClientSampleId :

082818-TIPC-F-D-B

Tot Ion:	82	Resp:	625911
Ion Ratio	Lower	Upper	
82	100		
128	39.5	36.1	54.1
54	58.9	41.4	62.2

Manual Integrations
APPROVED

Sohil
8/31/2018 12:19:17 PM



#38

Acenaphthene-d10

Concen: 20.000 ng

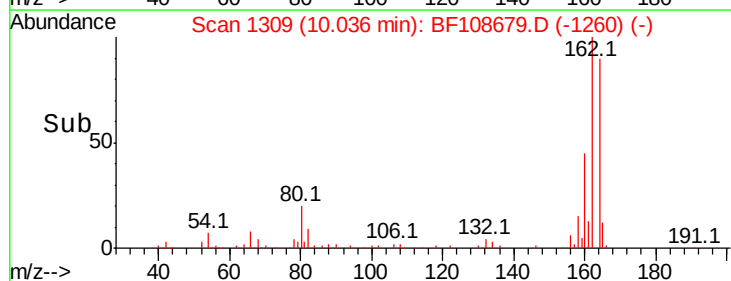
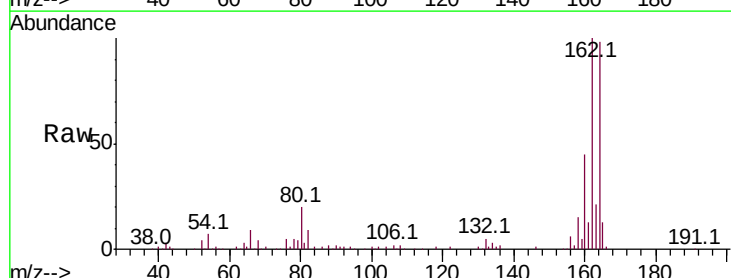
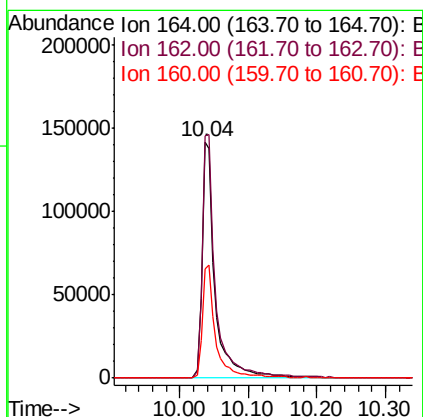
RT: 10.04 min Scan# 1309

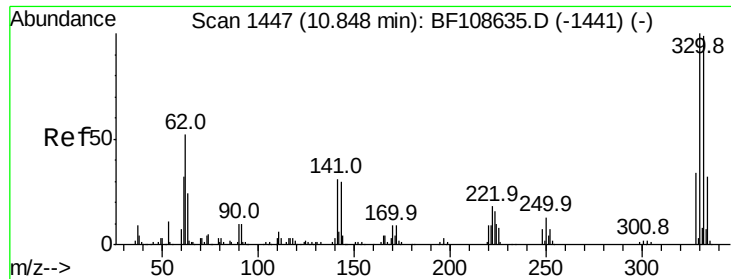
Delta R.T. -0.01 min

Lab File: BF108679.D

Acq: 31 Aug 2018 9:28

Tgt Ion:	164	Resp:	193213
Ion Ratio	Lower	Upper	
164	100		
162	102.4	86.1	129.1
160	45.9	38.3	57.5





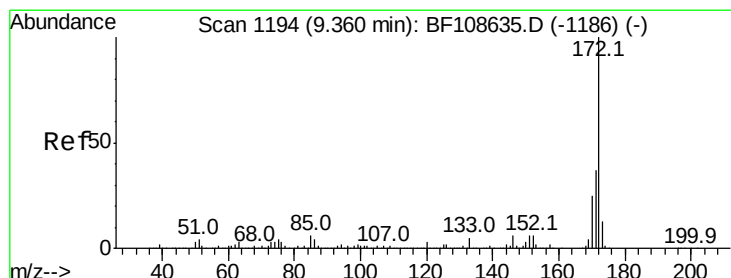
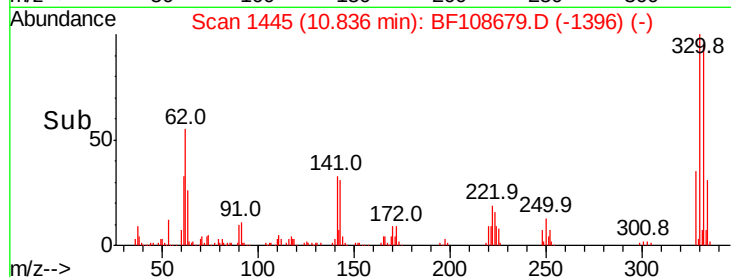
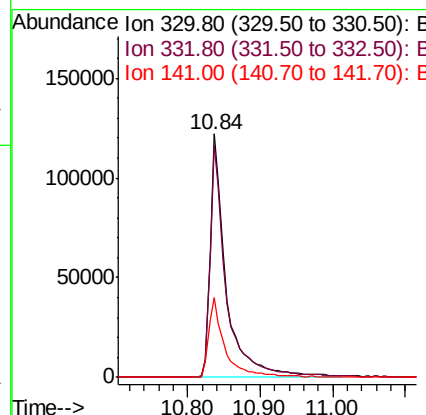
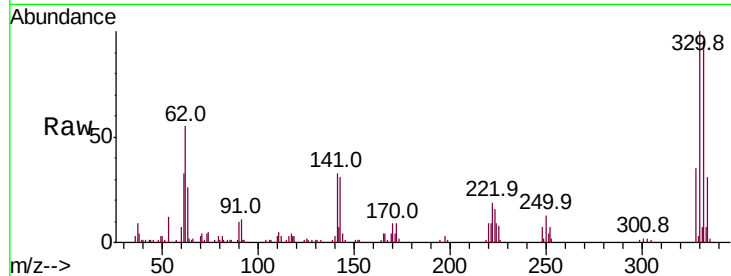
#41
 2,4,6-Tribromophenol
 Concen: 74.319 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108679.D
 Acq: 31 Aug 2018 9:28

Instrument :
 BNA_F
 ClientSampleId :
 082818-TIPC-F-D-B

Tot Ion	Ratio	Resp	Lower	Upper
330	100	189562		
332	96.5	77.0	115.6	
141	32.5	29.9	44.9	

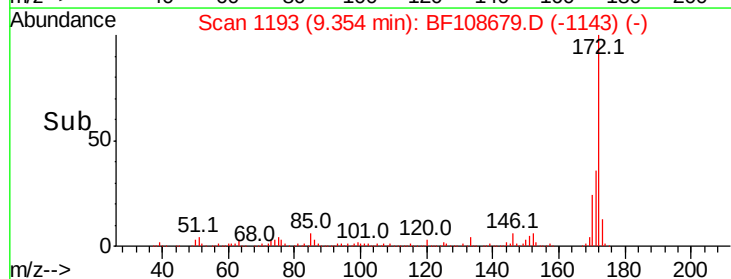
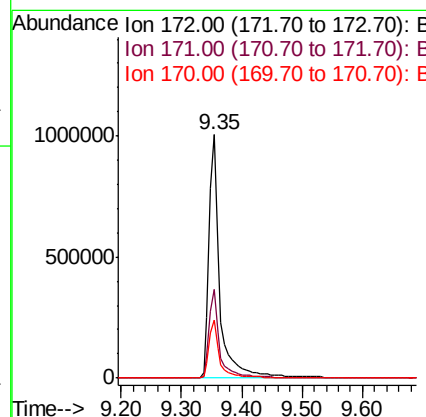
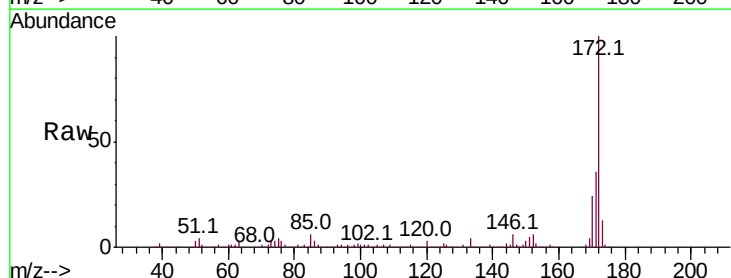
Manual Integrations
 APPROVED

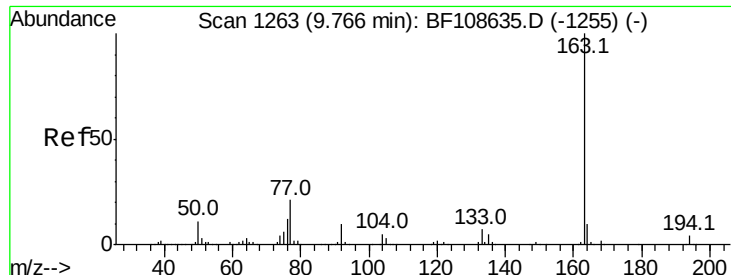
Sohil
 8/31/2018 12:19:17 PM



#44
 2-Fluorobiphenyl
 Concen: 87.924 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108679.D
 Acq: 31 Aug 2018 9:28

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1263445		
171	36.4	29.7	44.5	
170	23.9	19.6	29.4	





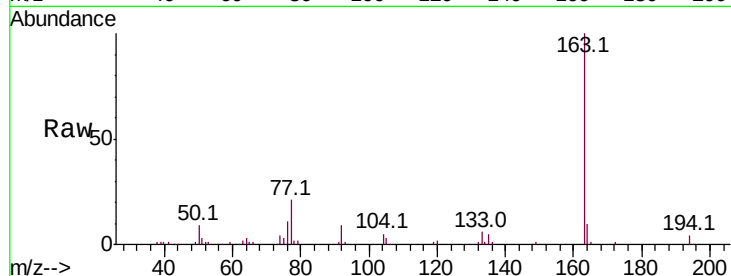
#49
Dimethylphthalate
Concen: 11.491 ng
RT: 9.74 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF108679.D
Acq: 31 Aug 2018 9:28

Instrument :
BNA_F
ClientSampleId :
082818-TIPC-F-D-B

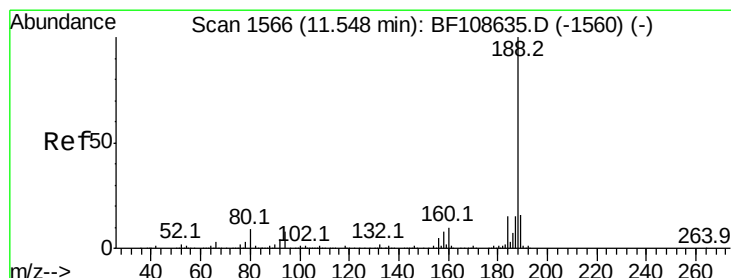
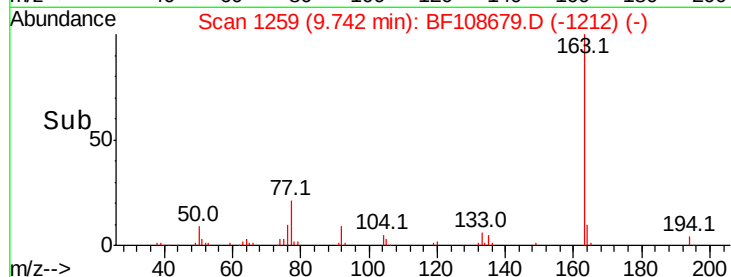
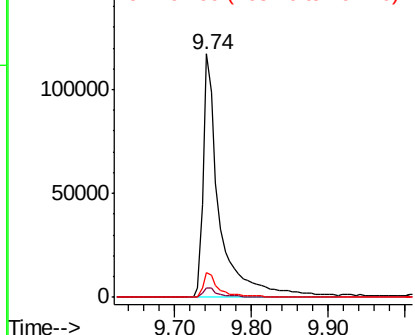
Tot Ion	Ratio	Resp	Lower	Upper
163	100	174832		
194	3.7		2.7	4.1
164	10.2		8.2	12.2

Manual Integrations
APPROVED

Sohil
8/31/2018 12:19:17 PM



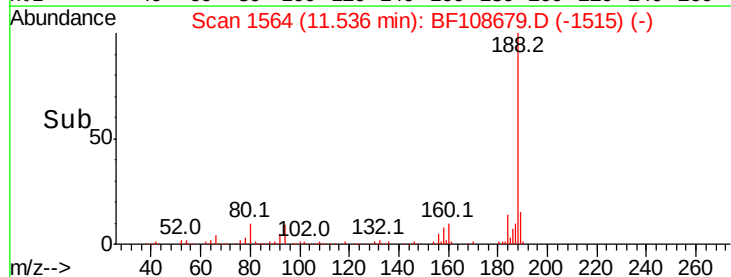
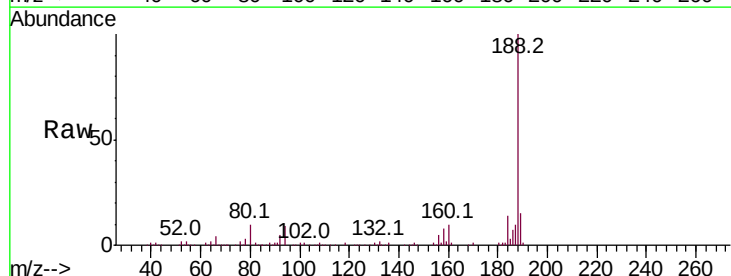
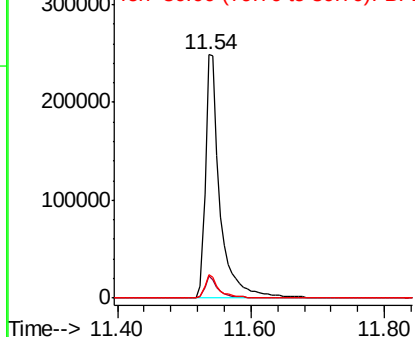
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

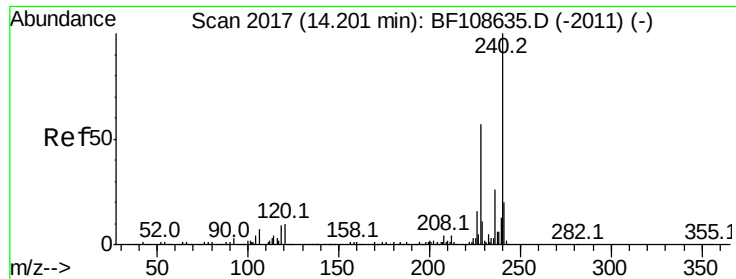


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF108679.D
Acq: 31 Aug 2018 9:28

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	375161		
94	8.9		8.5	12.7
80	9.7		9.2	13.8

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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF108679.D

Acq: 31 Aug 2018 9:28

Instrument :

BNA_F

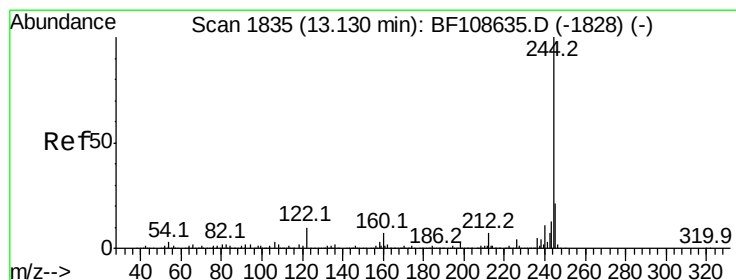
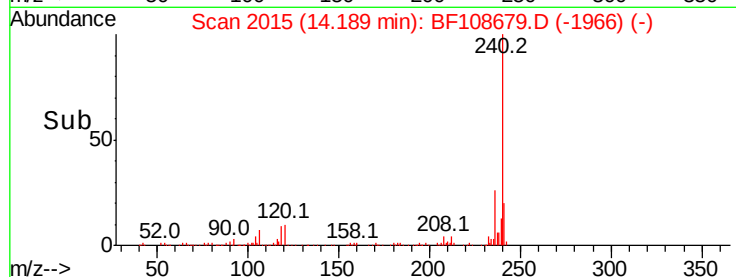
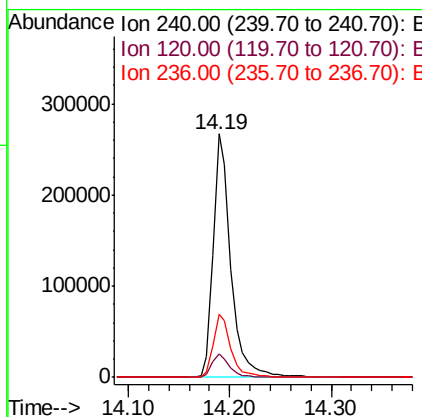
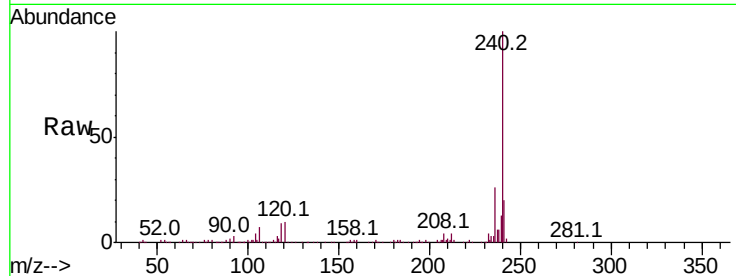
ClientSampleId :

082818-TIPC-F-D-B

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.6	9.5	14.3
236	25.8	20.7	31.1

Manual Integrations
APPROVED

Sohil
8/31/2018 12:19:17 PM



#78

Terphenyl-d14

Concen: 73.407 ng

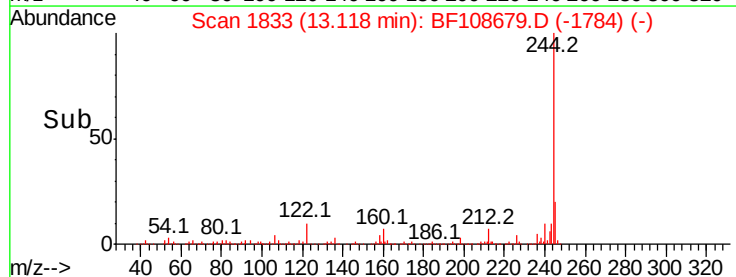
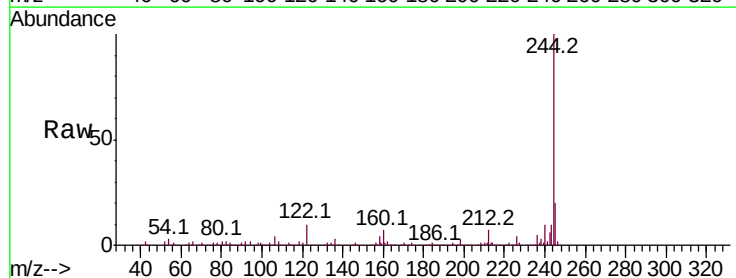
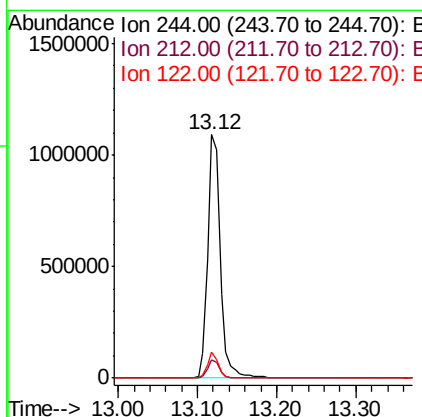
RT: 13.12 min Scan# 1833

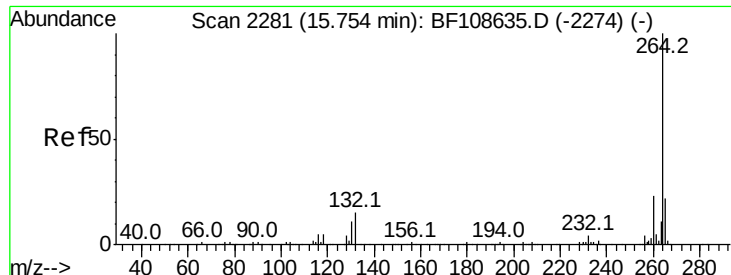
Delta R.T. -0.01 min

Lab File: BF108679.D

Acq: 31 Aug 2018 9:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	10.4	11.0	16.4#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.74 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF108679.D
Acq: 31 Aug 2018 9:28

Instrument :
BNA_F
ClientSampleId :
082818-TIPC-F-D-B

Tot Ion	Ratio	Resp	Lower	Upper
264	100	269814		
260	23.2		19.2	28.8
265	21.3		17.5	26.3

Manual Integrations
APPROVED

Sohil
8/31/2018 12:19:17 PM

