

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
 Data File : BF108668.D
 Acq On : 31 Aug 2018 4:30
 Operator : JU/SJ
 Sample : J4700-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 082818-DBRI-F-D-M

Manual Integrations
 APPROVED

Sohil
 8/31/2018 12:18:51 PM

Quant Time: Aug 31 11:00:04 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	7.01	152	84096	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	349599	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	173288	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	356465	20.00	ng	0.00
75) Chrysene-d12	14.19	240	362623	20.00	ng	0.00
86) Perylene-d12	15.75	264	305573	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	142254m	29.39	ng	0.05
7) Phenol-d6	6.66	99	136113	19.63	ng	0.01
23) Nitrobenzene-d5	7.57	82	634740	92.16	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	173440	75.82	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1245224	96.62	ng	0.00
78) Terphenyl-d14	13.12	244	1299117	69.61	ng	0.00

Target Compounds Qvalue

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

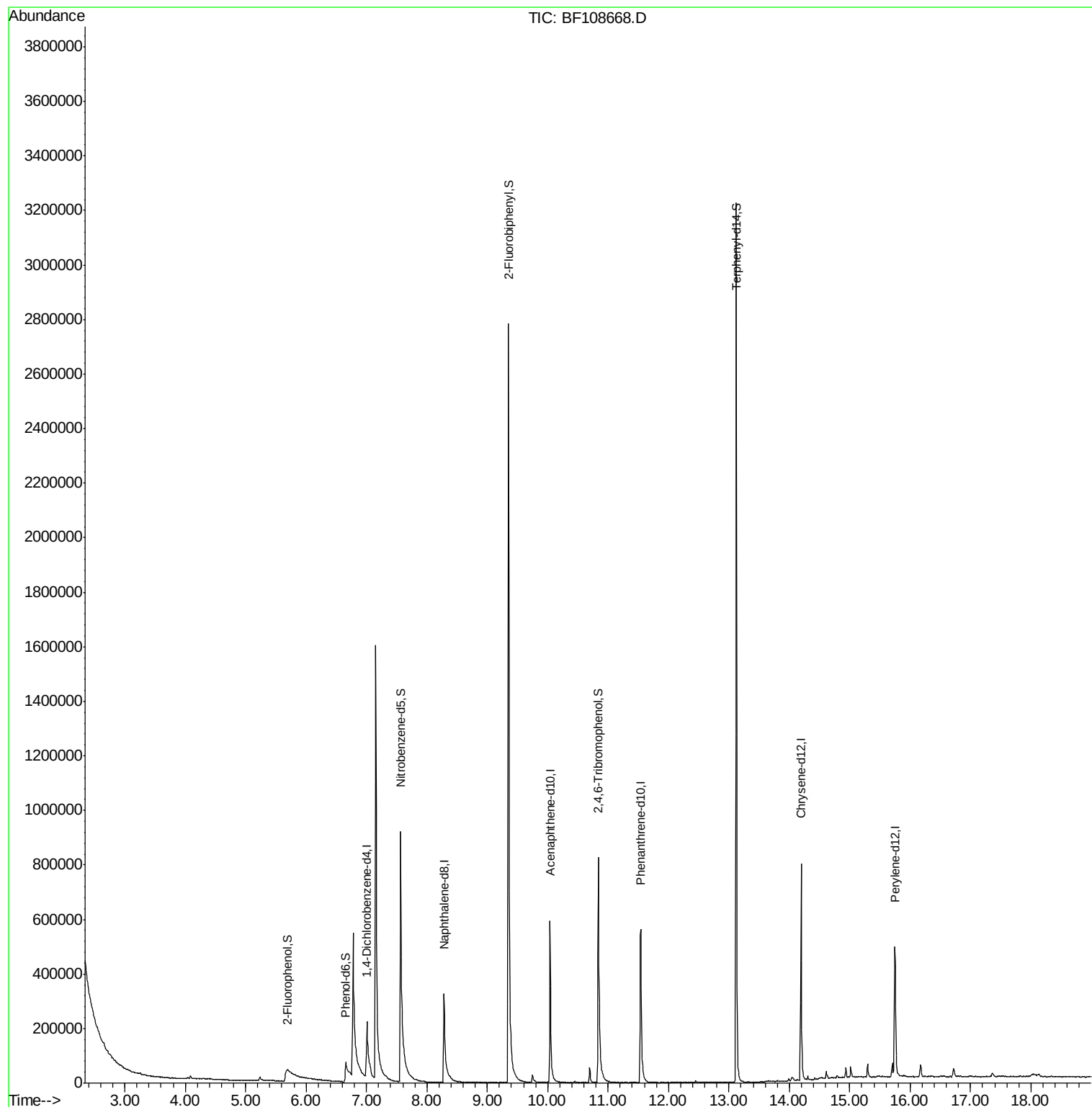
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
Data File : BF108668.D
Acq On : 31 Aug 2018 4:30
Operator : JU/SJ
Sample : J4700-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

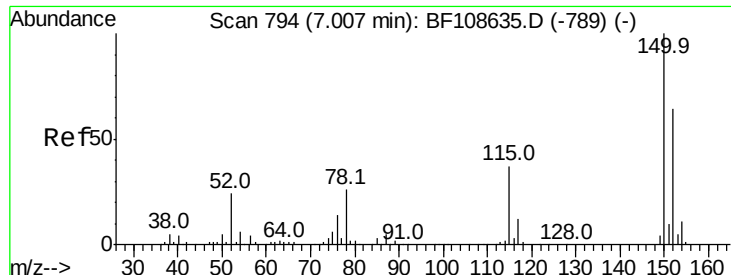
Instrument :
BNA_F
ClientSampleId :
082818-DBRI-F-D-M

Manual Integrations
APPROVED

Sohil
8/31/2018 12:18:51 PM

Quant Time: Aug 31 11:00:04 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

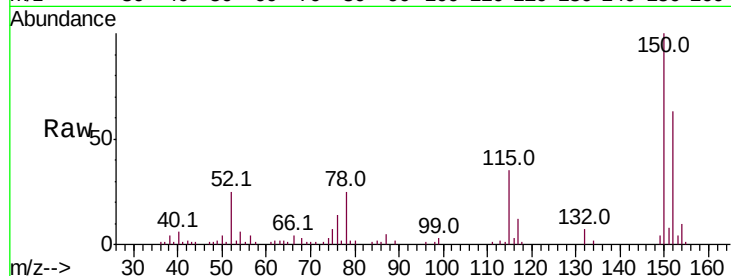
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF108668.D
Acq: 31 Aug 2018 4:30

Instrument :
BNA_F
ClientSampleId :
082818-DBRI-F-D-M

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.6	186.8
115	55.4	50.1	75.1

Manual Integrations
APPROVED

Sohil
8/31/2018 12:18:51 PM

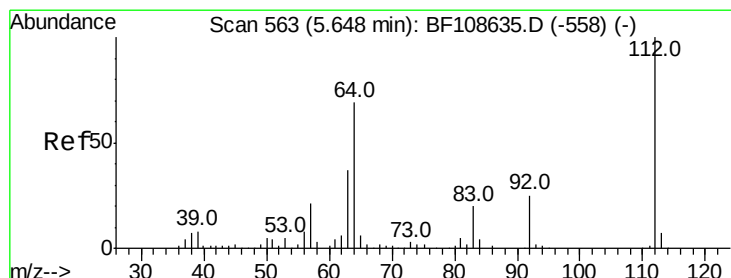
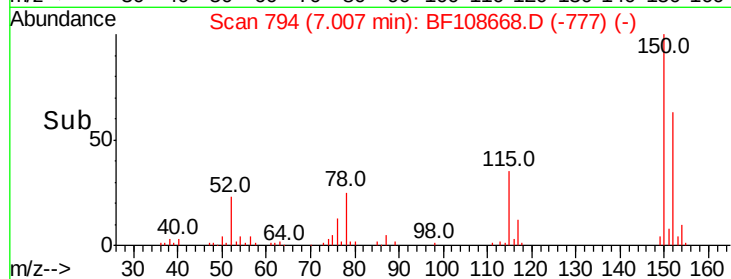
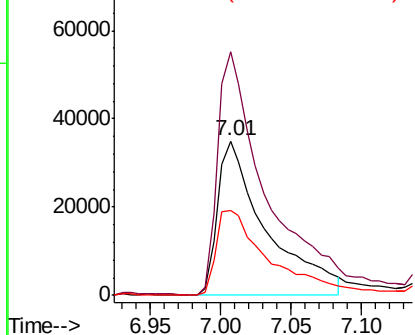


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

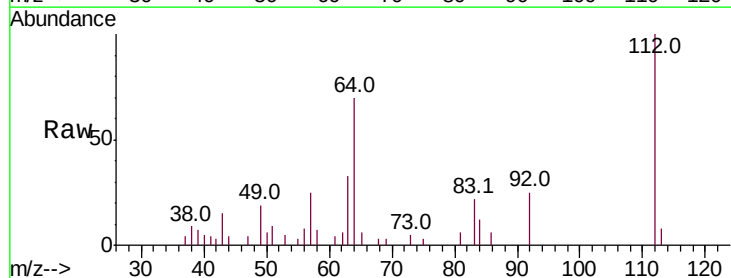
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 29.386 ng m
RT: 5.70 min Scan# 571
Delta R.T. 0.05 min
Lab File: BF108668.D
Acq: 31 Aug 2018 4:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.4	47.9	71.9
63	32.5	23.7	35.5

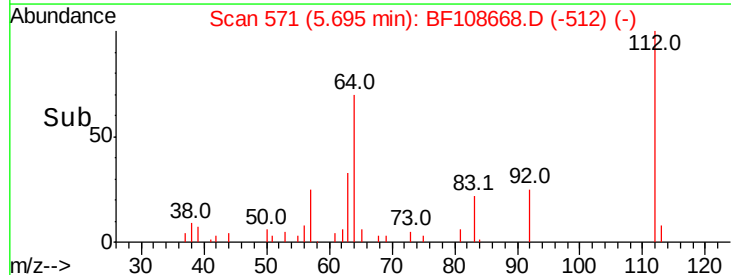
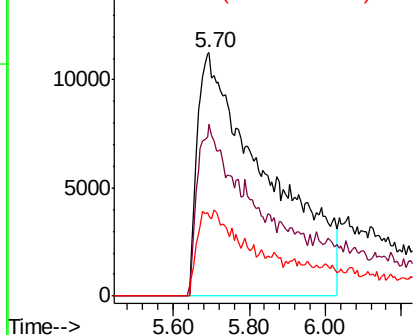


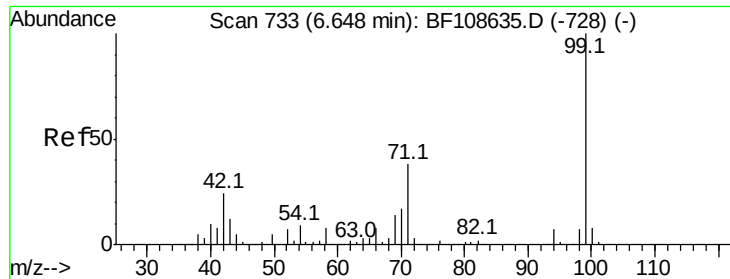
Abundance

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: 19.632 ng

RT: 6.66 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF108668.D

Acq: 31 Aug 2018 4:30

Instrument :

BNA_F

ClientSampleId :

082818-DBRI-F-D-M

Tot Ion: 99 Resp: 136113

Ion Ratio Lower Upper

99 100

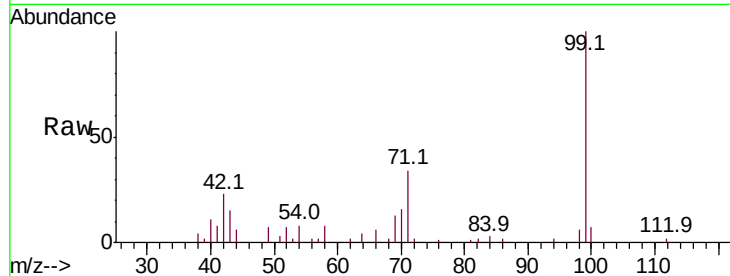
42 22.6 14.5 21.7#

71 34.0 25.4 38.0

Manual Integrations
APPROVED

Sohil

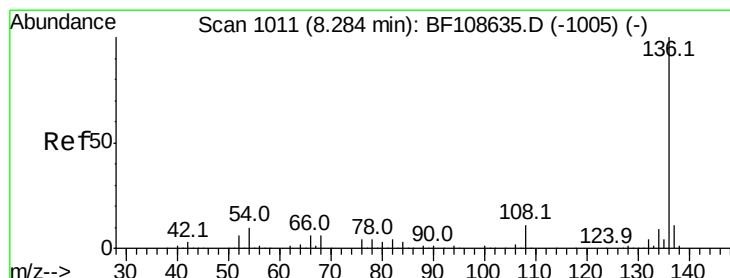
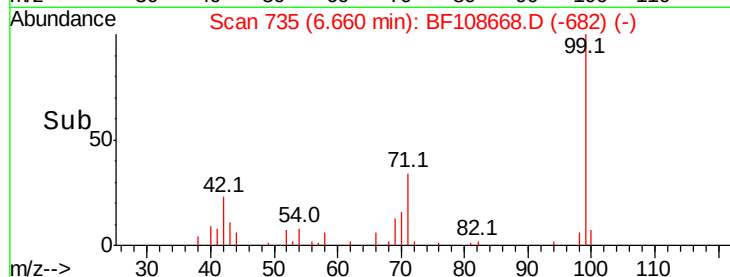
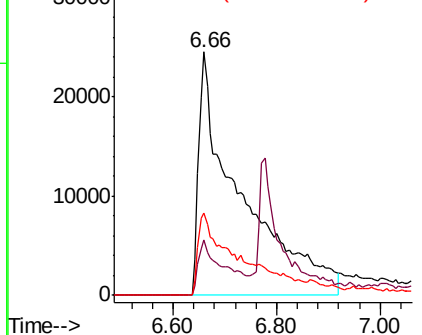
8/31/2018 12:18:51 PM



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: BF108668.D

Acq: 31 Aug 2018 4:30

Tgt Ion: 136 Resp: 349599

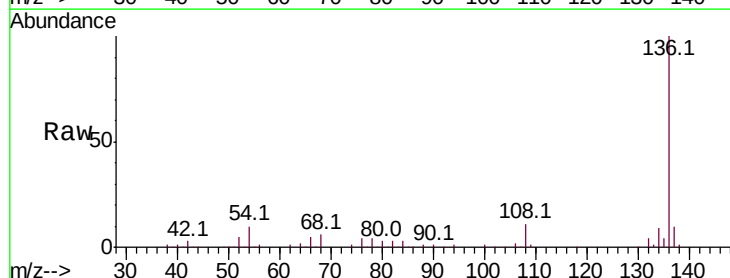
Ion Ratio Lower Upper

136 100

137 10.0 8.9 13.3

54 10.2 6.6 9.8#

68 5.7 5.0 7.4

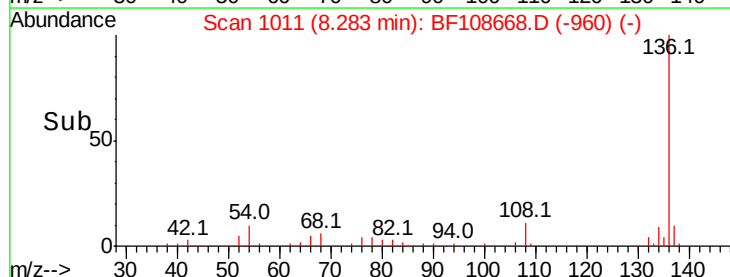
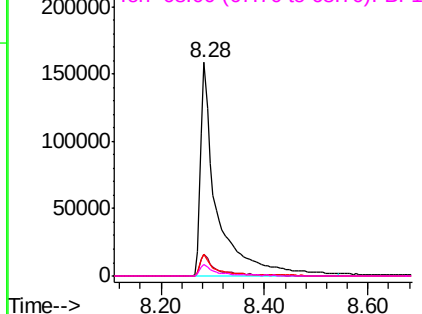


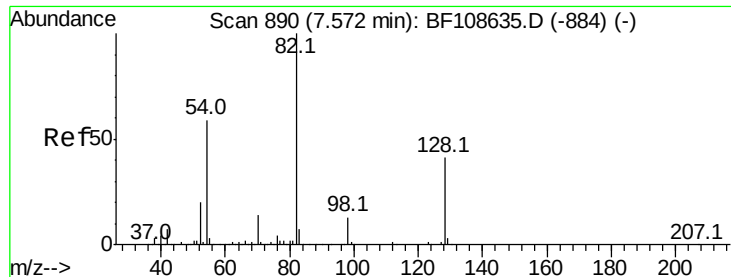
Abundance Ion 136.00 (135.70 to 136.70): E

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





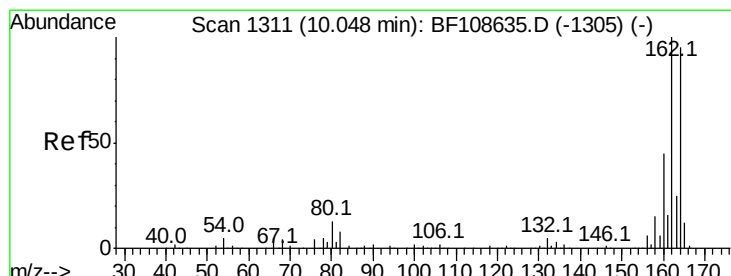
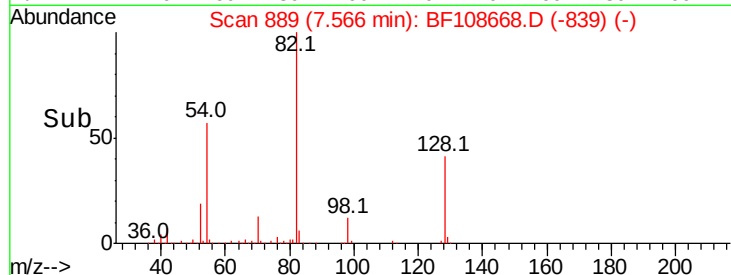
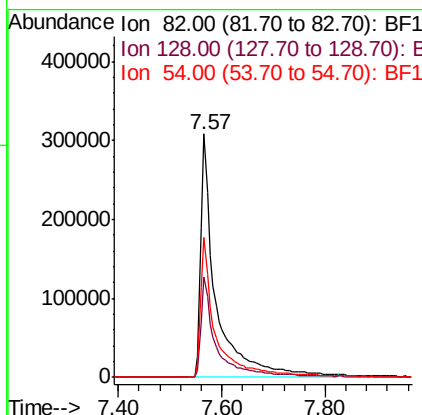
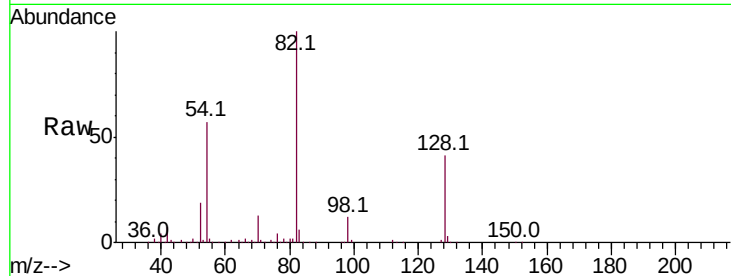
#23
Nitrobenzene-d5
Concen: 92.159 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108668.D
Acq: 31 Aug 2018 4:30

Instrument :
BNA_F
ClientSampleId :
082818-DBRI-F-D-M

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.2	36.1	54.1
54	57.3	41.4	62.2

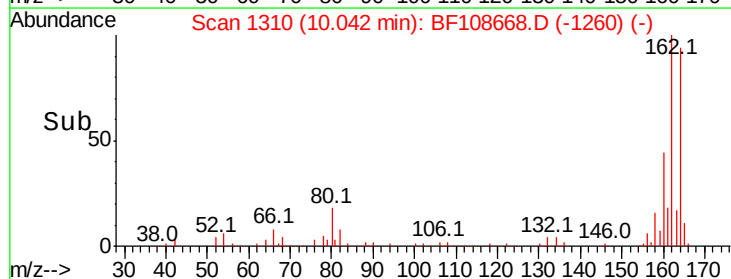
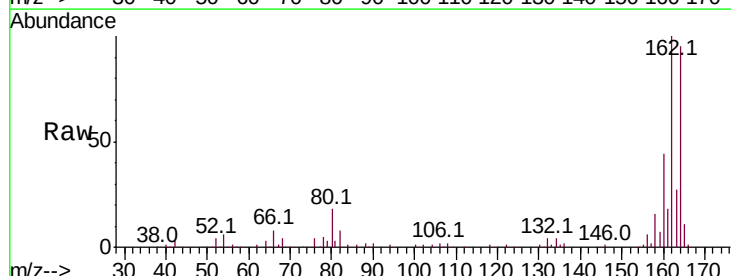
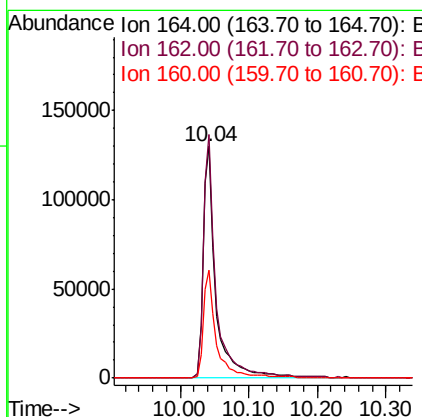
Manual Integrations
APPROVED

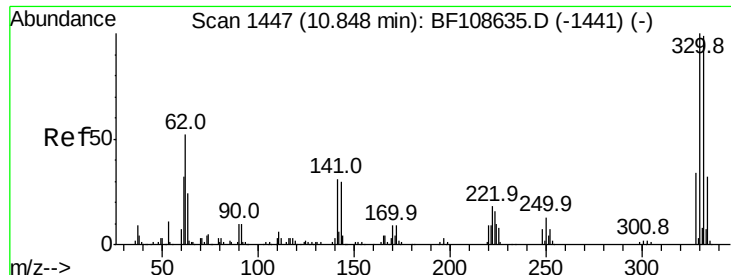
Sohil
8/31/2018 12:18:51 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108668.D
Acq: 31 Aug 2018 4:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	86.1	129.1
160	46.6	38.3	57.5





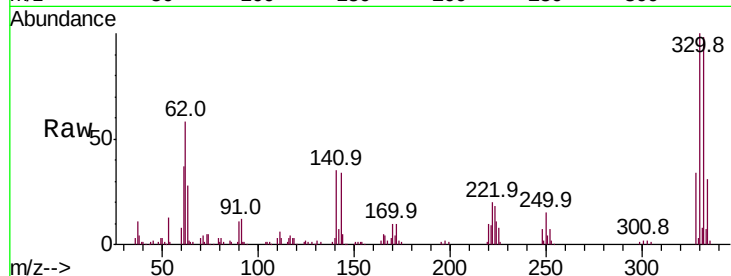
#41
 2,4,6-Tribromophenol
 Concen: 75.817 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108668.D
 Acq: 31 Aug 2018 4:30

Instrument :
 BNA_F
 ClientSampleId :
 082818-DBRI-F-D-M

Tot Ion	Ratio	Resp	Lower	Upper
330	100	173440		
332	98.7	77.0	115.6	
141	32.7	29.9	44.9	

Manual Integrations
 APPROVED

Sohil
 8/31/2018 12:18:51 PM

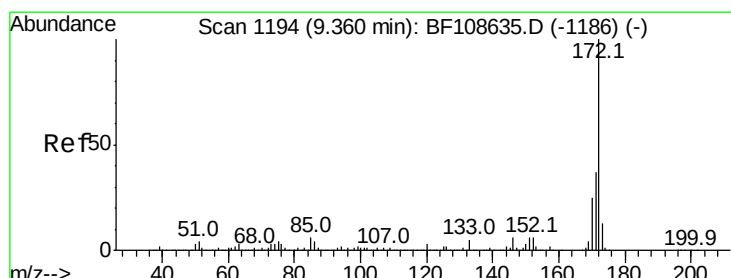
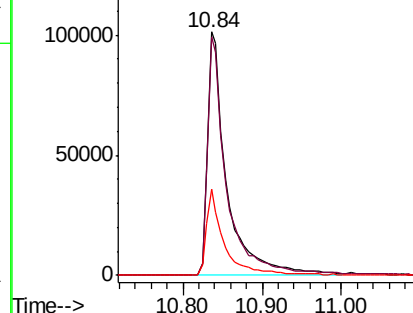
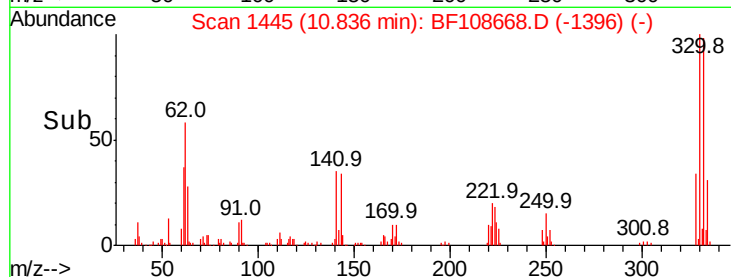


Abundance

Ion 329.80 (329.50 to 330.50): E

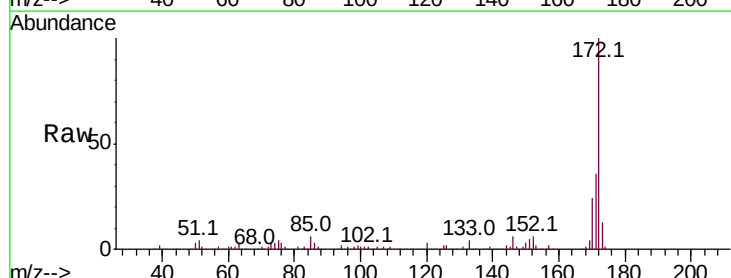
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 96.619 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108668.D
 Acq: 31 Aug 2018 4:30

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1245224		
171	35.9	29.7	44.5	
170	24.1	19.6	29.4	

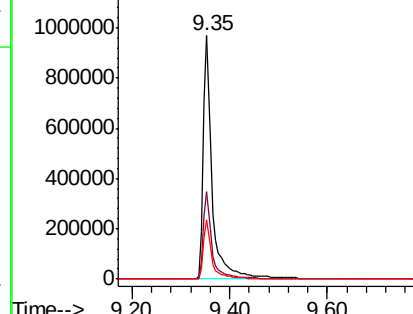
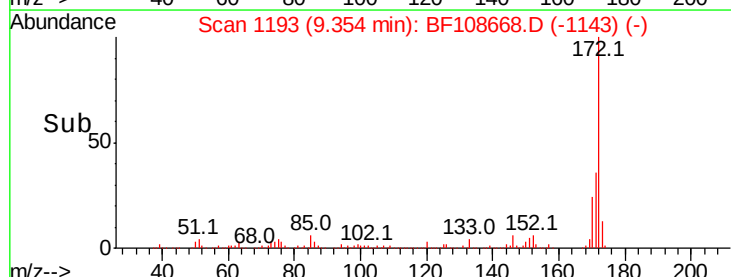


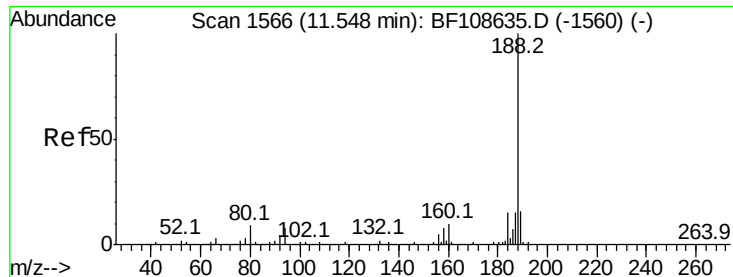
Abundance

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





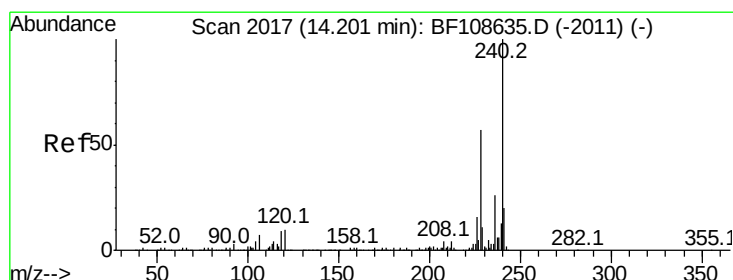
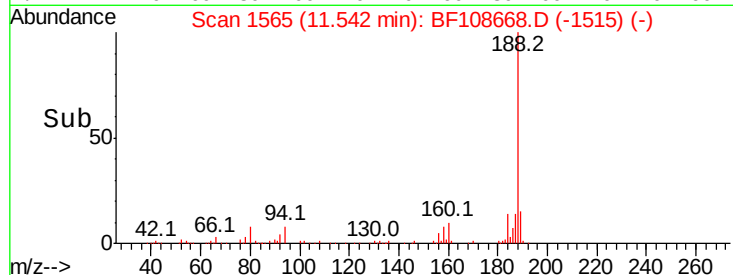
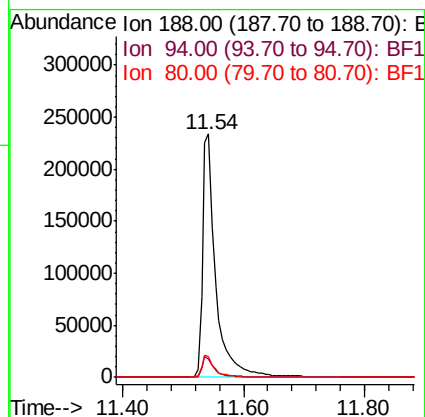
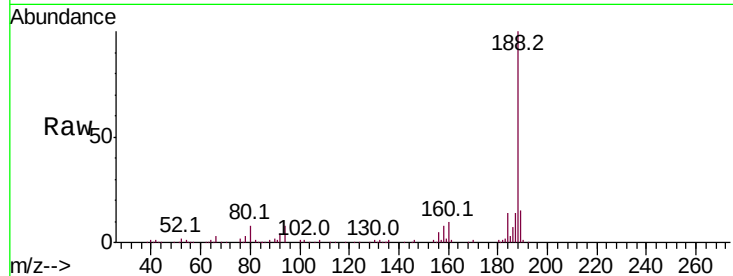
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108668.D
Acq: 31 Aug 2018 4:30

Instrument :
BNA_F
ClientSampleId :
082818-DBRI-F-D-M

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.6	8.5	12.7#
80	8.4	9.2	13.8#

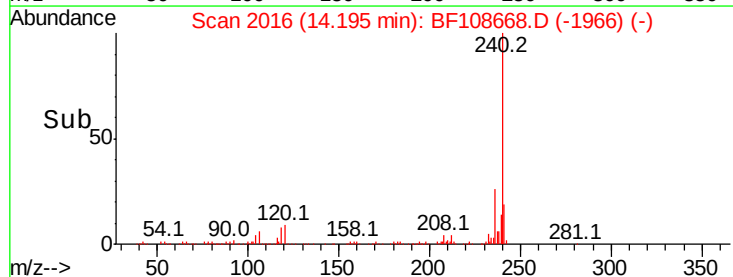
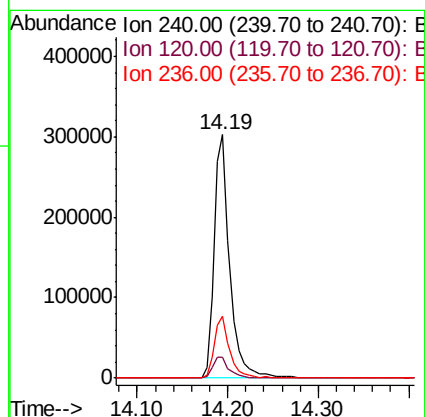
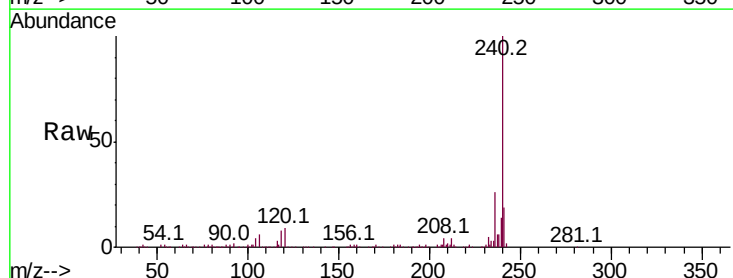
Manual Integrations
APPROVED

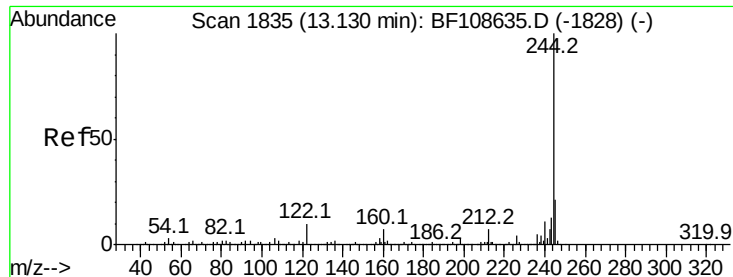
Sohil
8/31/2018 12:18:51 PM



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108668.D
Acq: 31 Aug 2018 4:30

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.8	9.5	14.3#
236	25.6	20.7	31.1





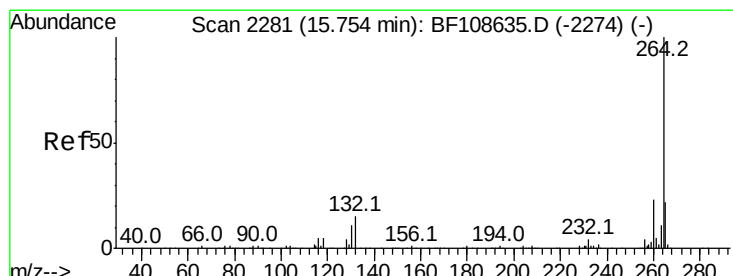
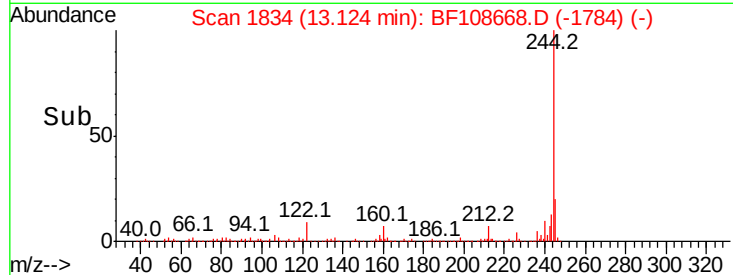
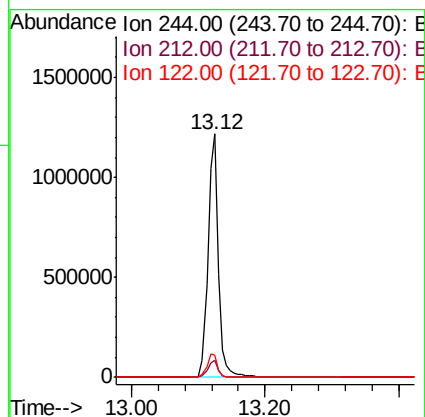
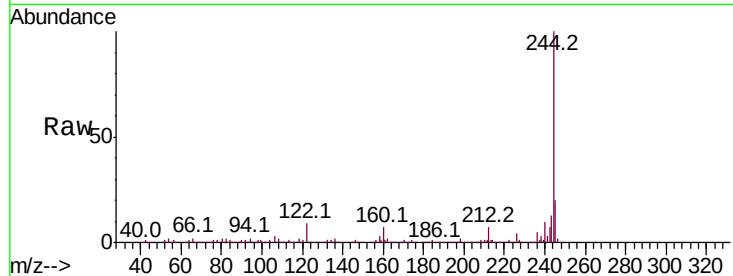
#78
 Terphenyl-d14
 Concen: 69.607 ng
 RT: 13.12 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF108668.D
 Acq: 31 Aug 2018 4:30

Instrument :
 BNA_F
 ClientSampleId :
 082818-DBRI-F-D-M

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	9.2	11.0	16.4

Manual Integrations
 APPROVED

Sohil
 8/31/2018 12:18:51 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.75 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF108668.D
 Acq: 31 Aug 2018 4:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	22.0	17.5	26.3

