

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
 Data File : BF108695.D
 Acq On : 31 Aug 2018 18:02
 Operator : JU/SJ
 Sample : J4712-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-15

Manual Integrations
 APPROVED

Sohil
 9/4/2018 3:53:16 PM

Quant Time: Sep 01 03:57:41 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	68215	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	265721	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	127515	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	272603	20.00	ng	0.00
75) Chrysene-d12	14.19	240	265807	20.00	ng	0.00
86) Perylene-d12	15.75	264	192422	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	296586	75.53	ng	0.00
7) Phenol-d6	6.64	99	490923	87.29	ng	-0.01
23) Nitrobenzene-d5	7.57	82	328009	62.66	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	139231	82.71	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	581463	61.31	ng	0.00
78) Terphenyl-d14	13.12	244	704677	51.51	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.74	163	65173	6.491	ng	99
70) Phenanthrene	11.57	178	50385	3.662	ng	97
74) Fluoranthene	12.76	202	92483	5.971	ng	95
77) Pyrene	12.99	202	76872	3.847	ng	98
82) Chrysene	14.22	228	38262	2.455	ng	96
87) Benzo(b)fluoranthene	15.29	252	34920m	2.954	ng	

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

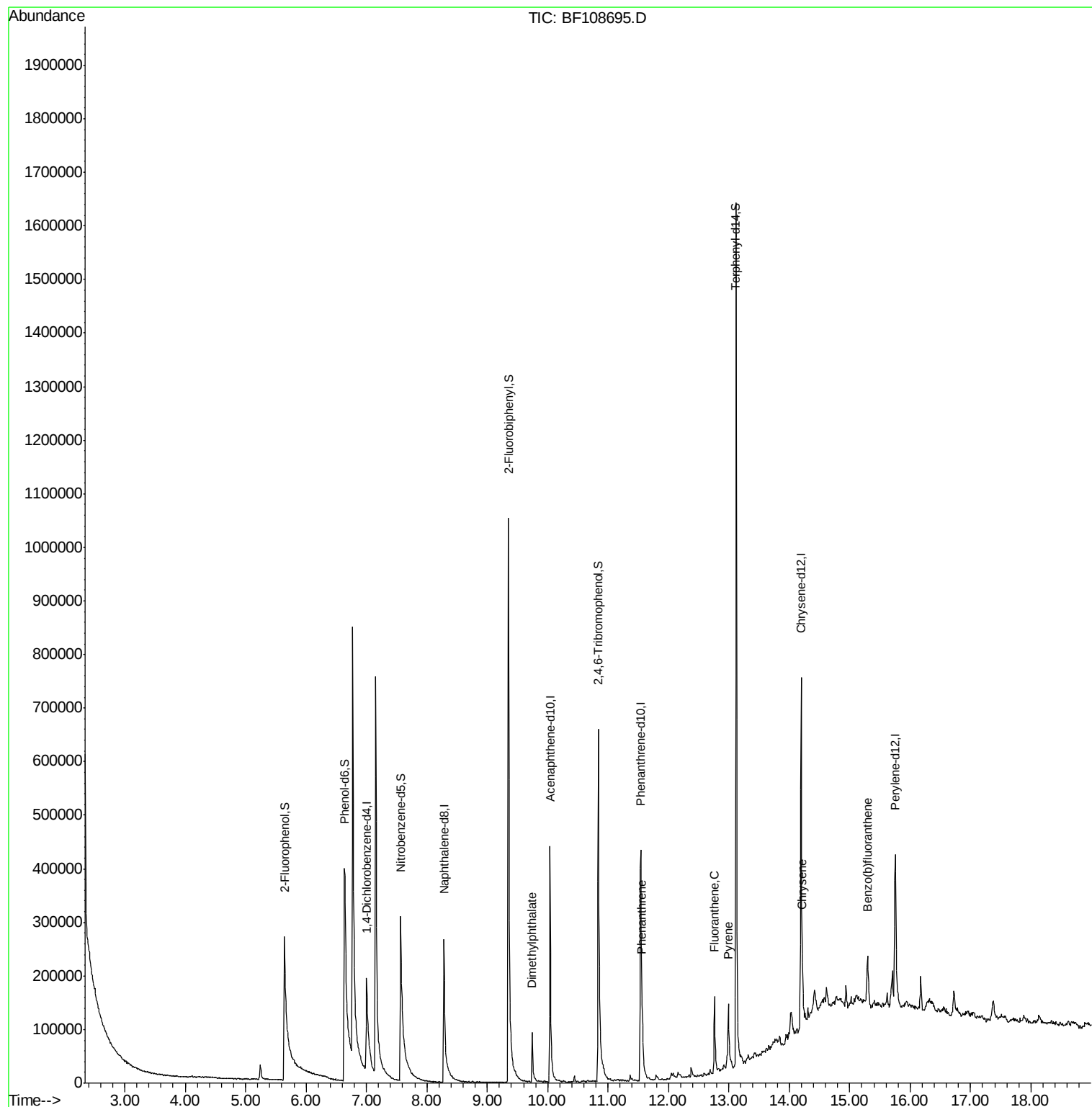
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108695.D
Acq On : 31 Aug 2018 18:02
Operator : JU/SJ
Sample : J4712-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

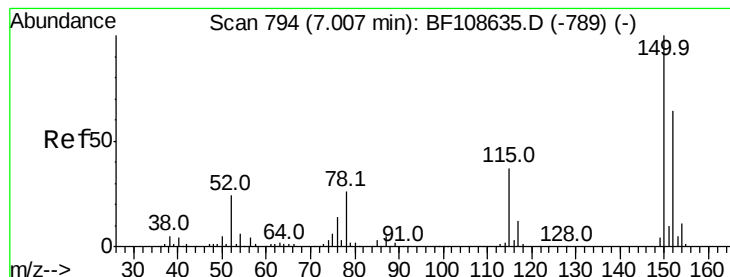
Instrument :
BNA_F
ClientSampleId :
SB-15

Manual Integrations
APPROVED

Sohil
9/4/2018 3:53:16 PM

Quant Time: Sep 01 03:57:41 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

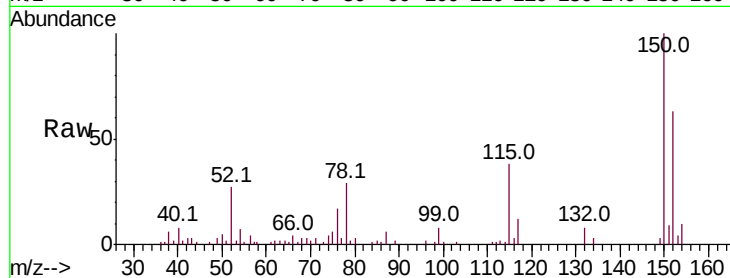
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108695.D
Acq: 31 Aug 2018 18:02

Instrument :
BNA_F
ClientSampled :
SB-15

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.6	186.8
115	61.2	50.1	75.1

Manual Integrations
APPROVED

Sohil
9/4/2018 3:53:16 PM

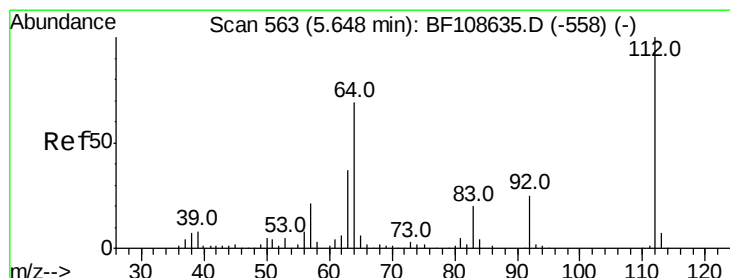
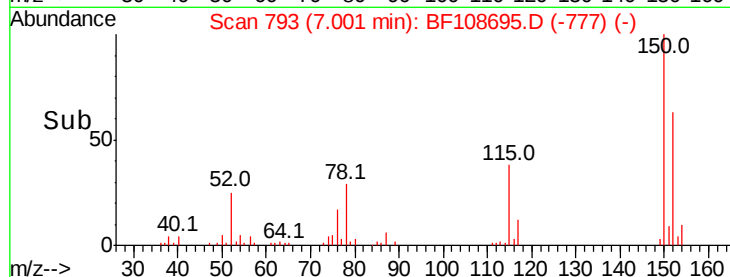
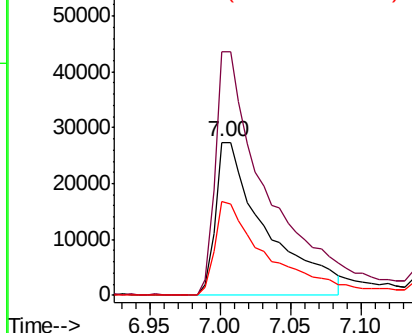


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

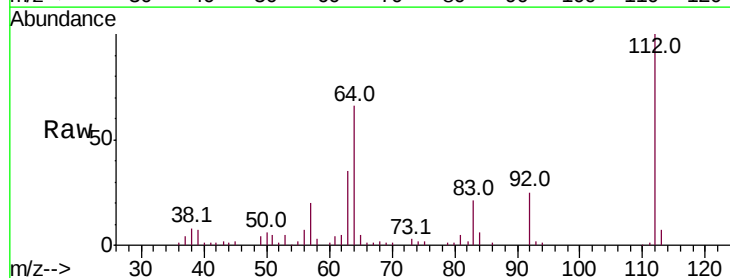
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 75.530 ng
RT: 5.64 min Scan# 562
Delta R.T. -0.01 min
Lab File: BF108695.D
Acq: 31 Aug 2018 18:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.2	47.9	71.9
63	35.1	23.7	35.5

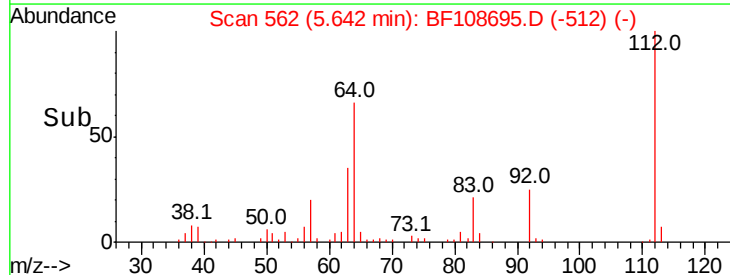
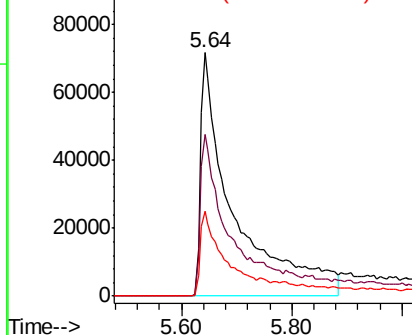


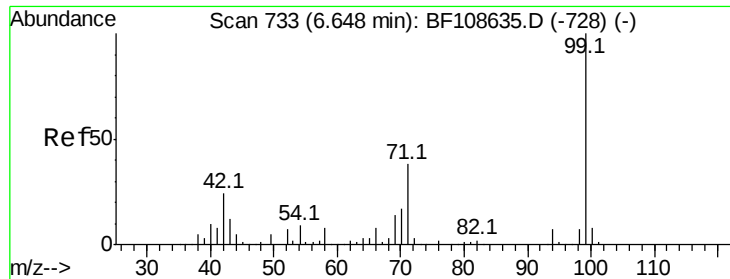
Abundance

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: 87.290 ng

RT: 6.64 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF108695.D

Acq: 31 Aug 2018 18:02

Instrument :

BNA_F

ClientSampleId :

SB-15

Tot Ion: 99 Resp: 490923

Ion Ratio Lower Upper

99 100

42 22.7 14.5 21.7#

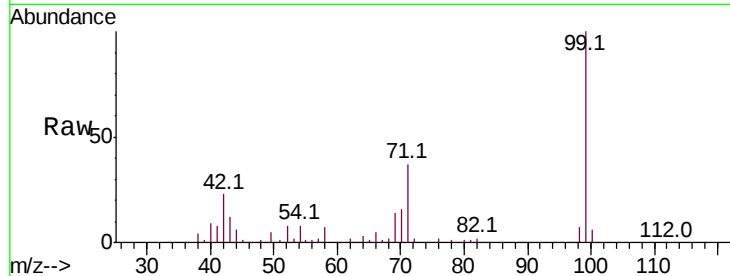
71 36.6 25.4 38.0

Manual Integrations

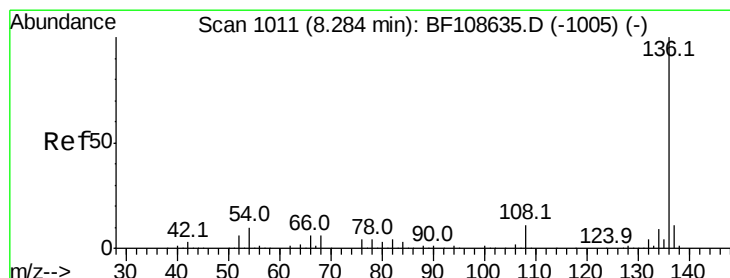
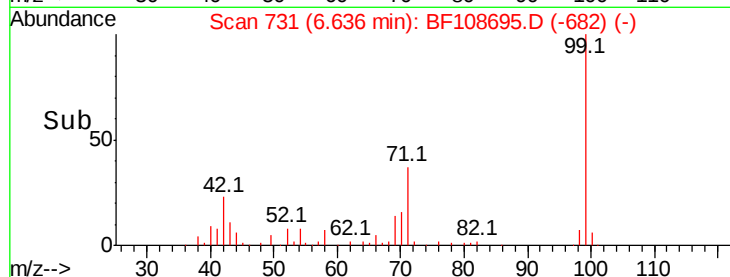
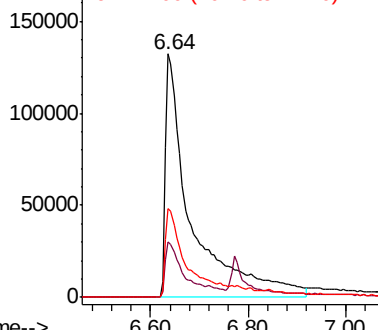
APPROVED

Sohil

9/4/2018 3:53:16 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: BF108695.D

Acq: 31 Aug 2018 18:02

Tgt Ion: 136 Resp: 265721

Ion Ratio Lower Upper

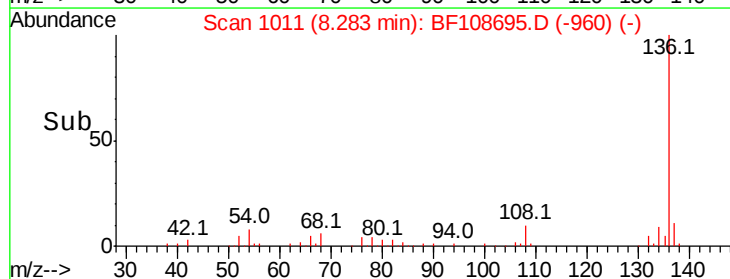
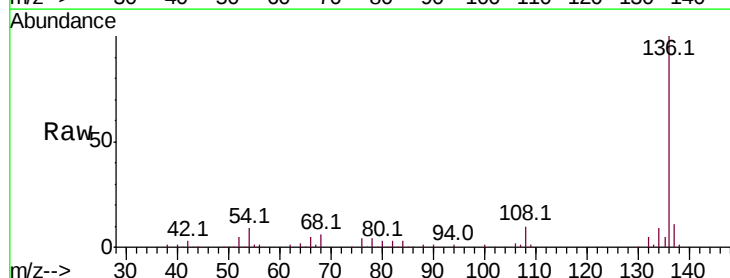
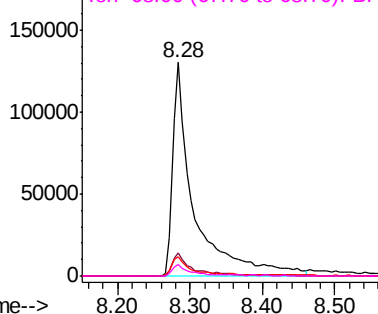
136 100

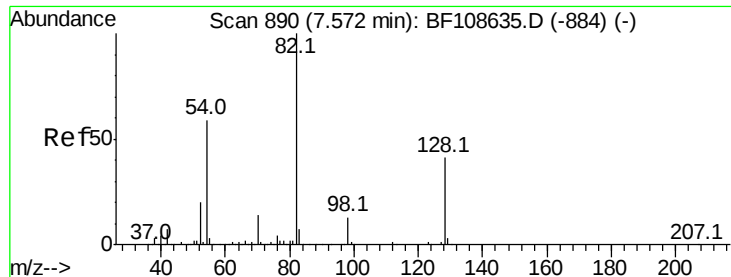
137 10.5 8.9 13.3

54 9.0 6.6 9.8

68 5.5 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





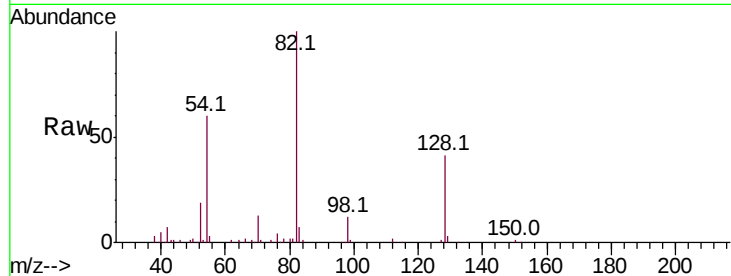
#23
 Nitrobenzene-d5
 Concen: 62.657 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF108695.D
 Acq: 31 Aug 2018 18:02

Instrument :
 BNA_F
 ClientSampled :
 SB-15

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.2	36.1	54.1
54	59.9	41.4	62.2

Manual Integrations
 APPROVED

Sohil
 9/4/2018 3:53:16 PM

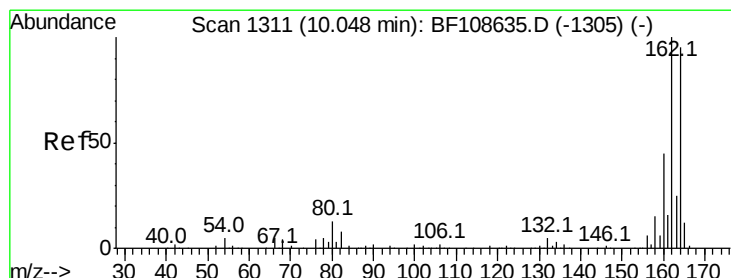
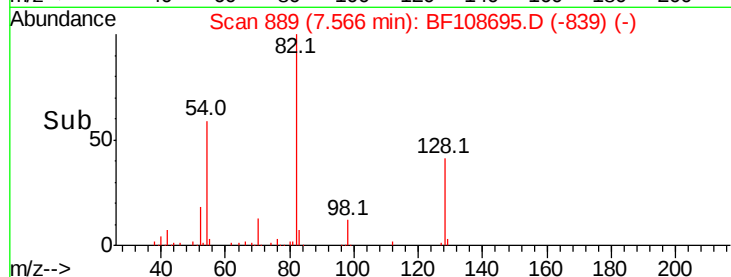
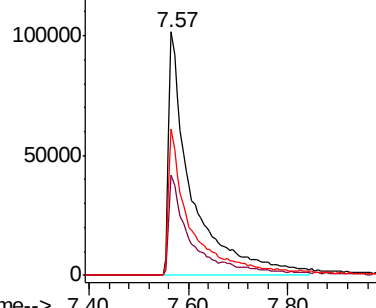


Abundance

Ion 82.00 (81.70 to 82.70): BF1

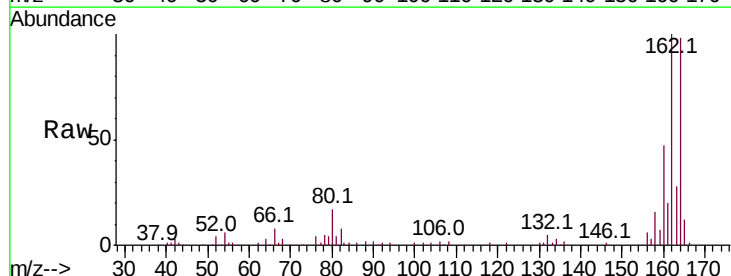
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108695.D
 Acq: 31 Aug 2018 18:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	86.1	129.1
160	47.5	38.3	57.5

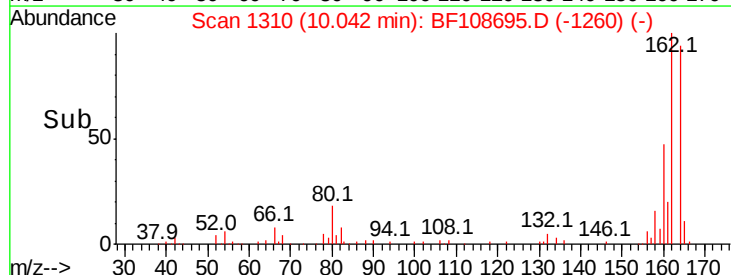
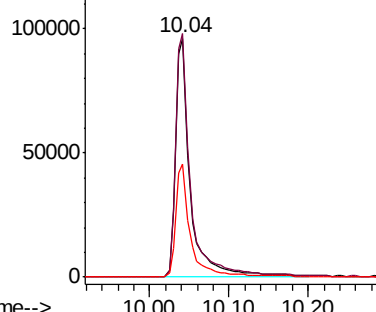


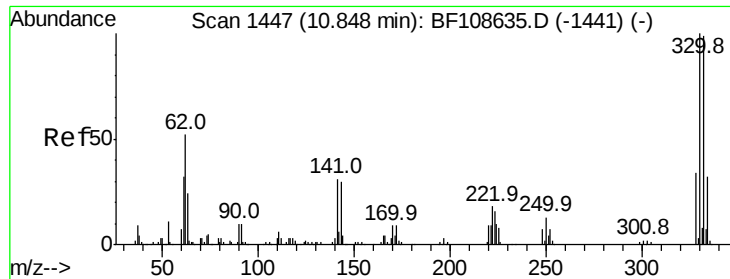
Abundance

Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





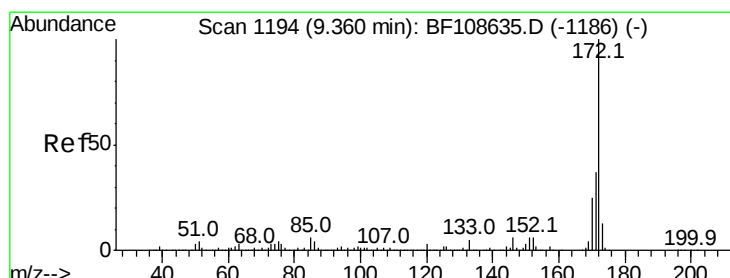
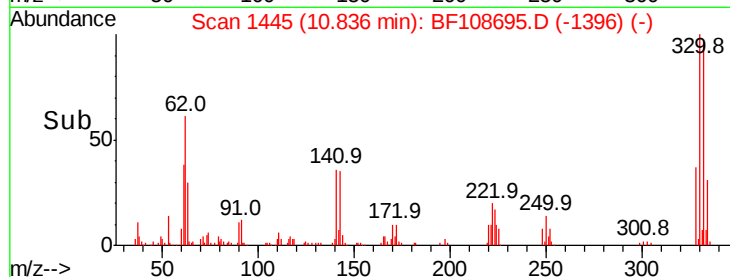
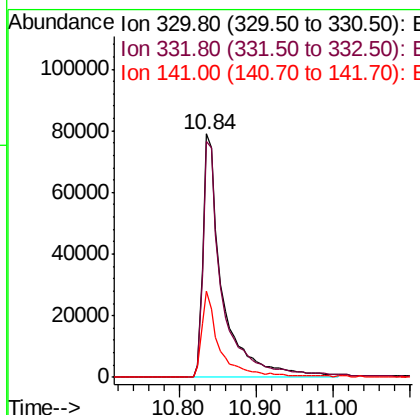
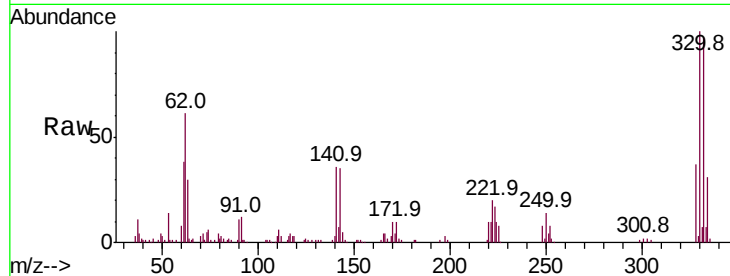
#41
 2,4,6-Tribromophenol
 Concen: 82.710 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108695.D
 Acq: 31 Aug 2018 18:02

Instrument :
 BNA_F
 ClientSampled :
 SB-15

Tot Ion	Ratio	Resp	Lower	Upper
330	100	139231		
332	97.7	77.0	115.6	
141	32.7	29.9	44.9	

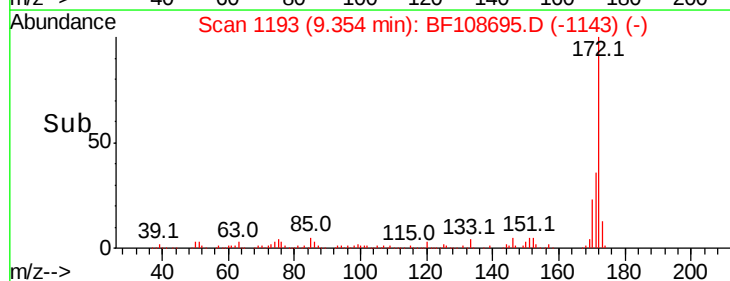
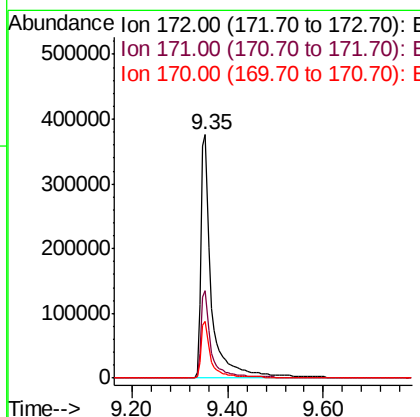
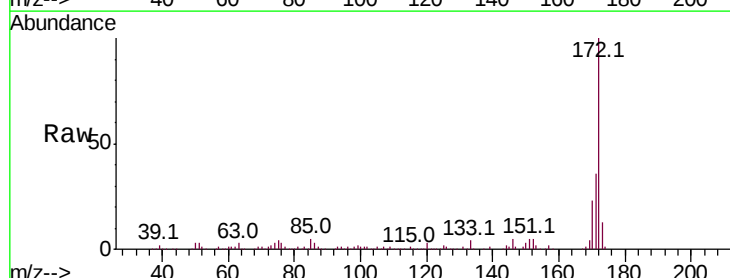
Manual Integrations
 APPROVED

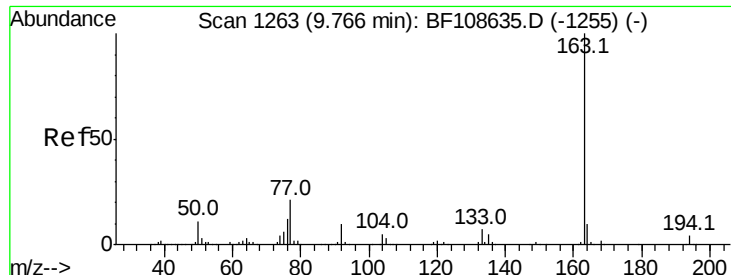
Sohil
 9/4/2018 3:53:16 PM



#44
 2-Fluorobiphenyl
 Concen: 61.312 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108695.D
 Acq: 31 Aug 2018 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	581463		
171	35.9	29.7	44.5	
170	23.4	19.6	29.4	





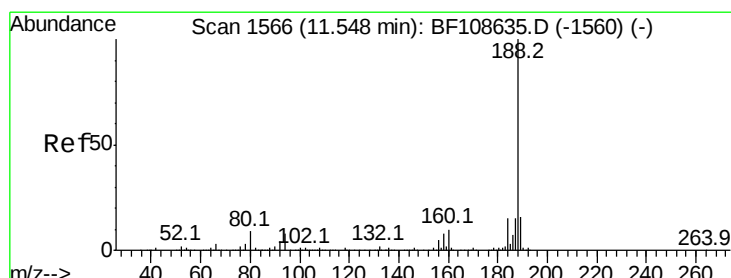
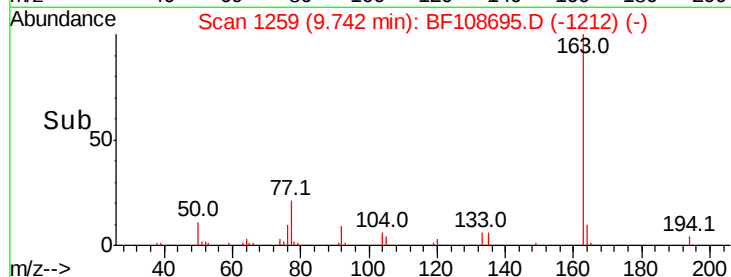
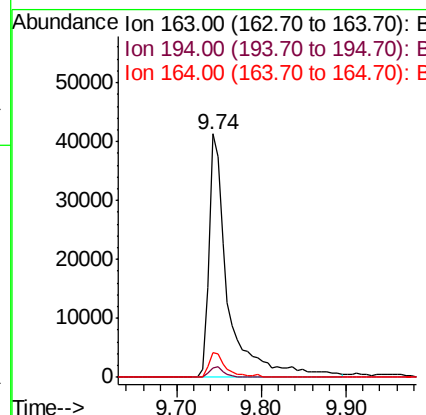
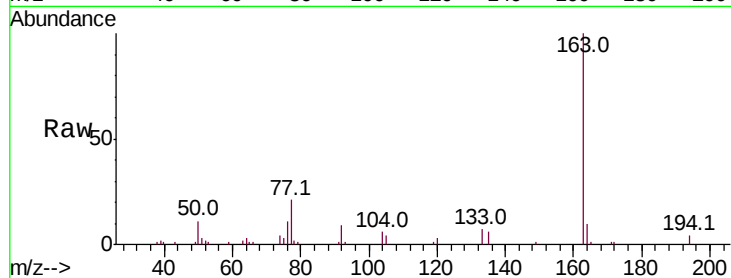
#49
Dimethylphthalate
Concen: 6.491 ng
RT: 9.74 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF108695.D
Acq: 31 Aug 2018 18:02

Instrument :
BNA_F
ClientSampled :
SB-15

Tot Ion	Ratio	Resp	Lower	Upper
163	100	65173		
194	3.9		2.7	4.1
164	9.9		8.2	12.2

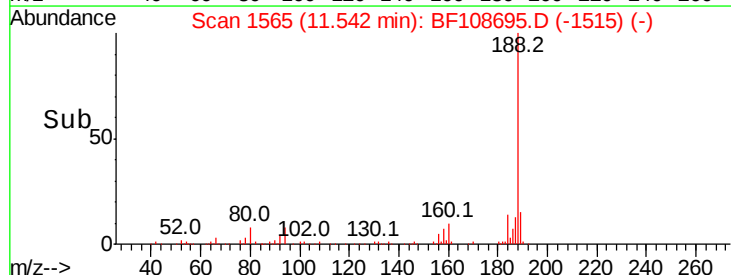
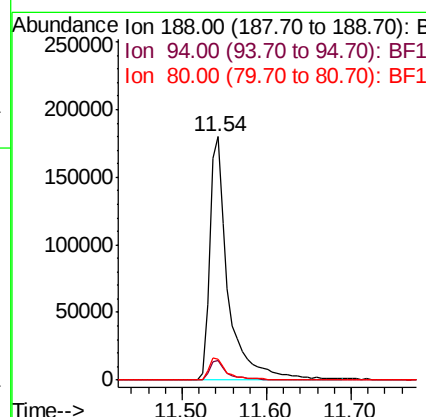
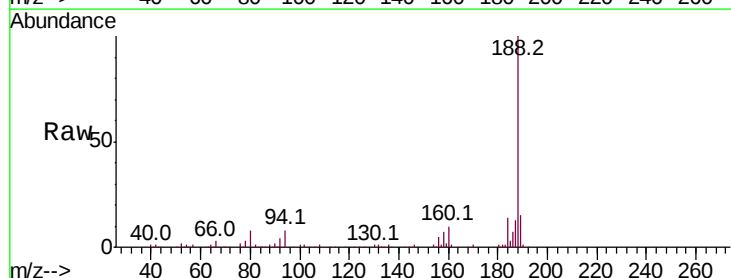
Manual Integrations
APPROVED

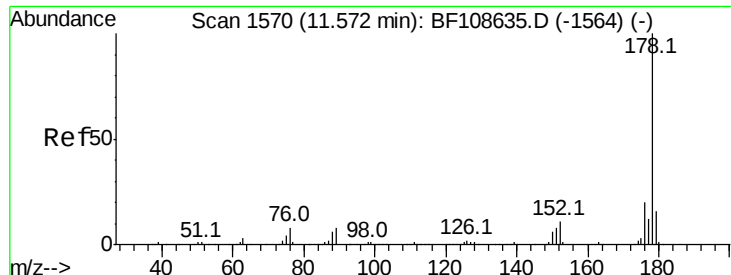
Sohil
9/4/2018 3:53:16 PM



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108695.D
Acq: 31 Aug 2018 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	272603		
94	8.0		8.5	12.7#
80	8.4		9.2	13.8#





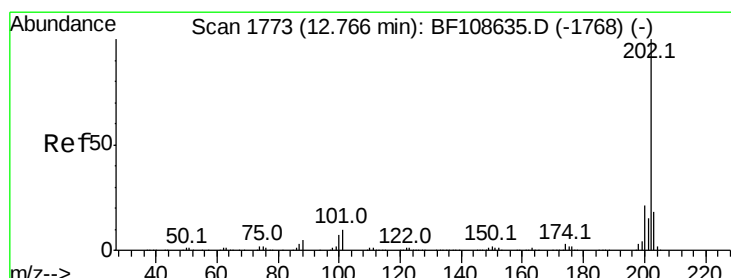
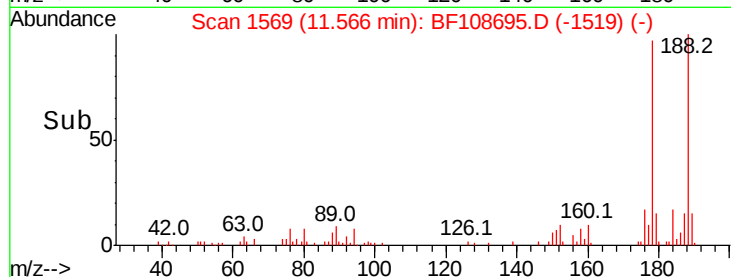
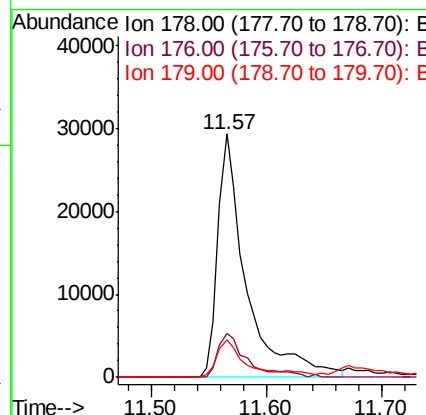
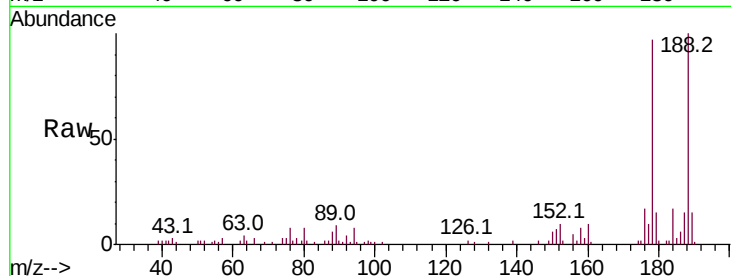
#70
 Phenanthrene
 Concen: 3.662 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF108695.D
 Acq: 31 Aug 2018 18:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-15

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.8	23.8
179	15.4	13.0	19.6

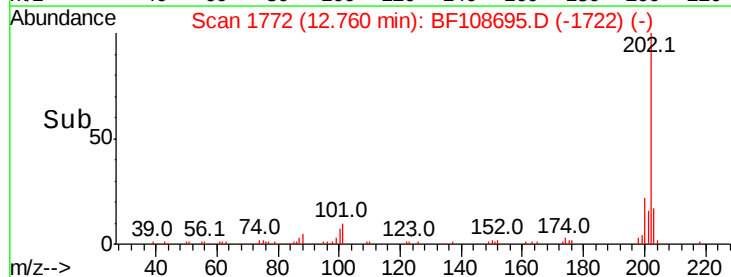
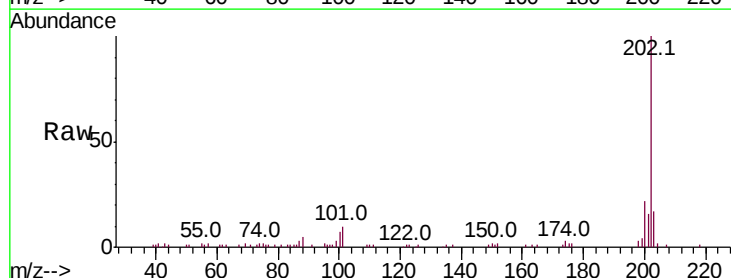
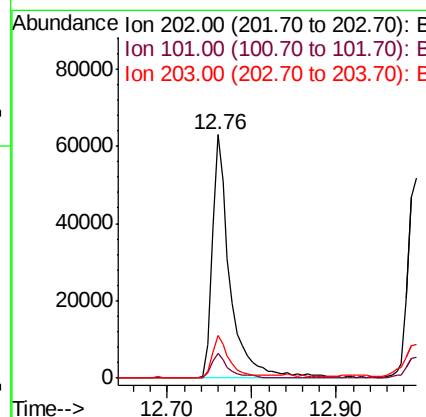
Manual Integrations
 APPROVED

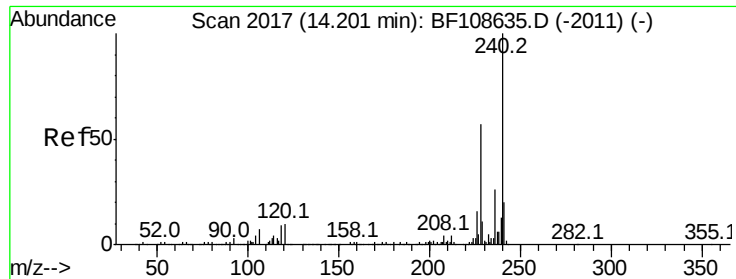
Sohil
 9/4/2018 3:53:16 PM



#74
 Fluoranthene
 Concen: 5.971 ng
 RT: 12.76 min Scan# 1772
 Delta R.T. -0.01 min
 Lab File: BF108695.D
 Acq: 31 Aug 2018 18:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	34.1
203	17.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108695.D

Acq: 31 Aug 2018 18:02

Instrument :

BNA_F

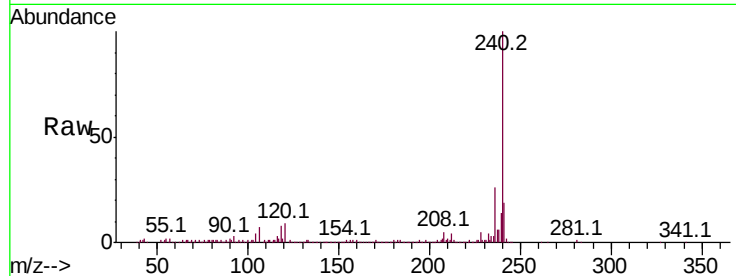
ClientSampleId :

SB-15

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.0	9.5	14.3#
236	26.4	20.7	31.1

Manual Integrations
APPROVED

Sohil
9/4/2018 3:53:16 PM

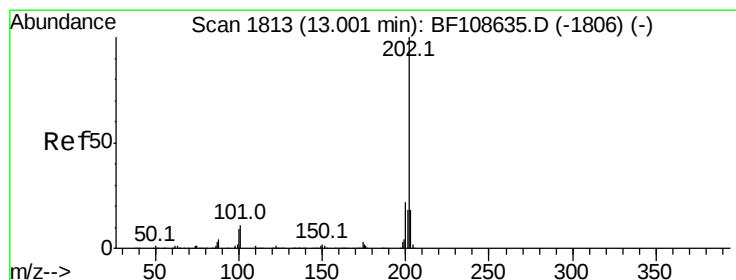
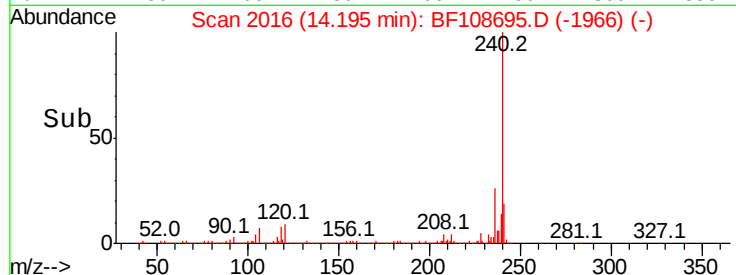
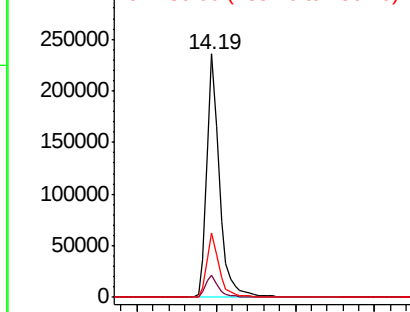


Abundance

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: 3.847 ng

RT: 12.99 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF108695.D

Acq: 31 Aug 2018 18:02

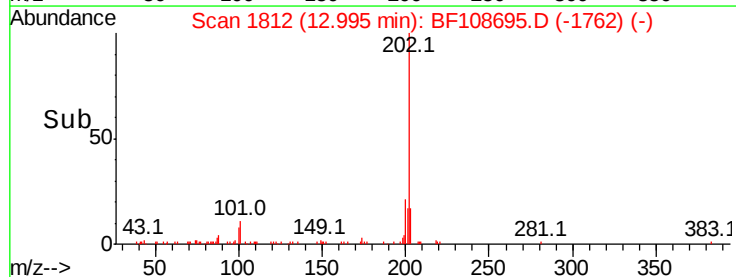
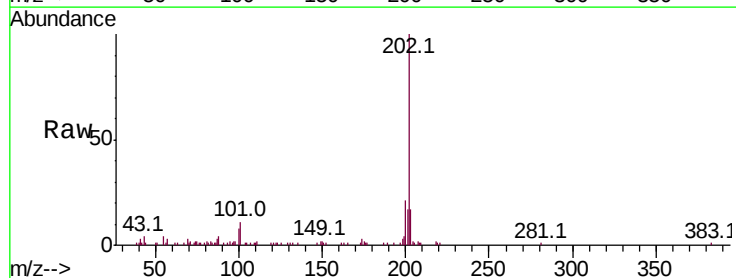
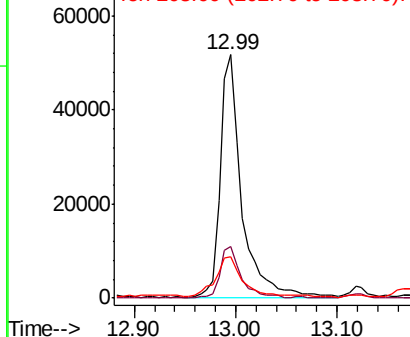
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.1	14.3	21.5

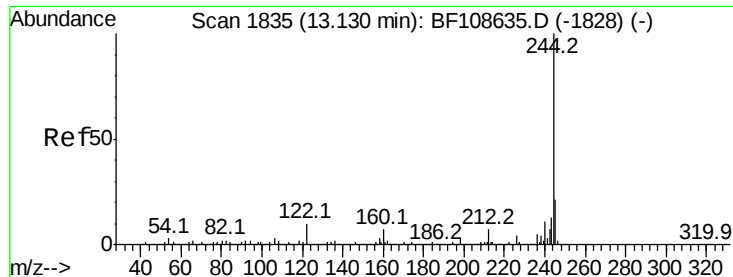
Abundance

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: 51.509 ng

RT: 13.12 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF108695.D

Acq: 31 Aug 2018 18:02

Instrument :

BNA_F

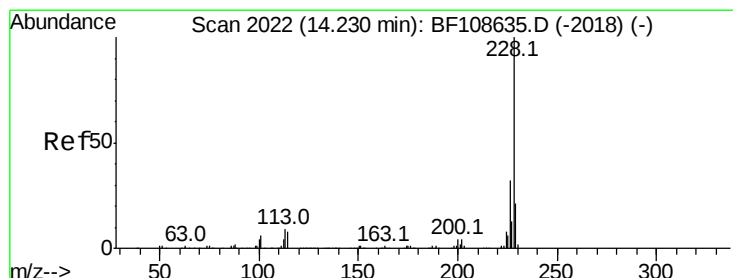
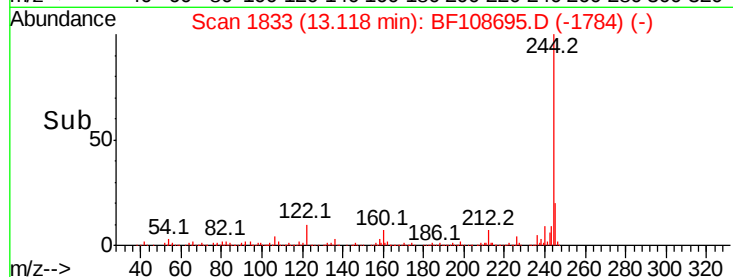
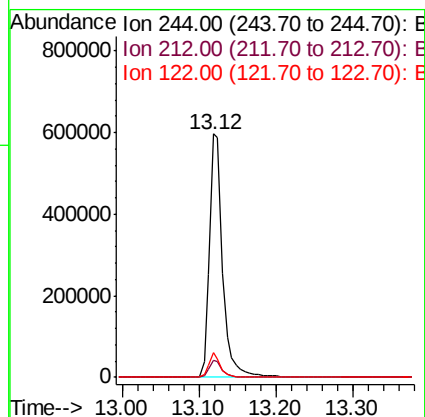
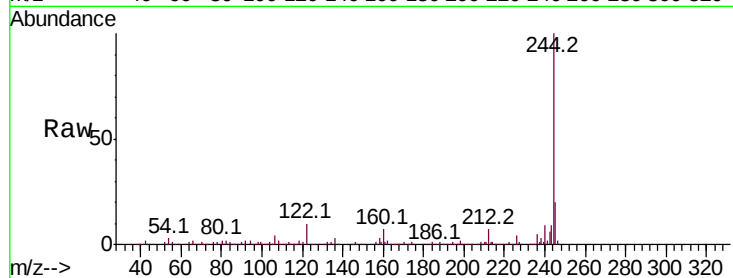
ClientSampled :

SB-15

Tot Ion:	244	Resp:	704677
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.4	8.0
122	10.1	11.0	16.4

Manual Integrations
APPROVED

Sohil
9/4/2018 3:53:16 PM



#82

Chrysene

Concen: 2.455 ng

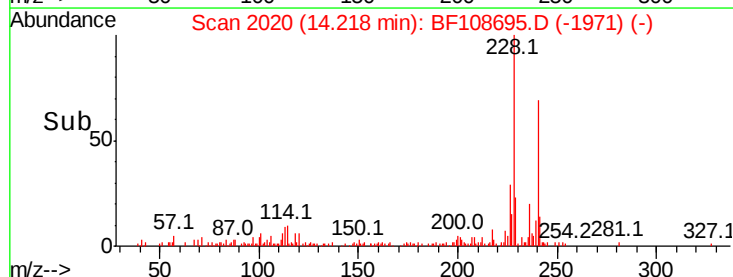
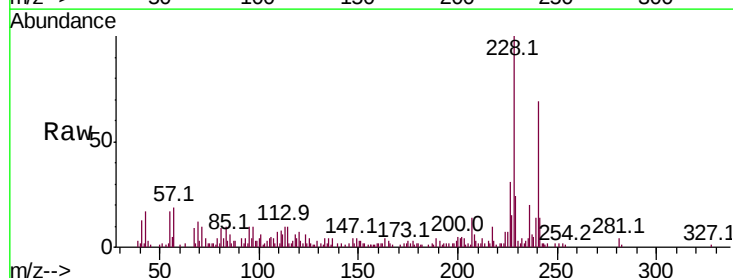
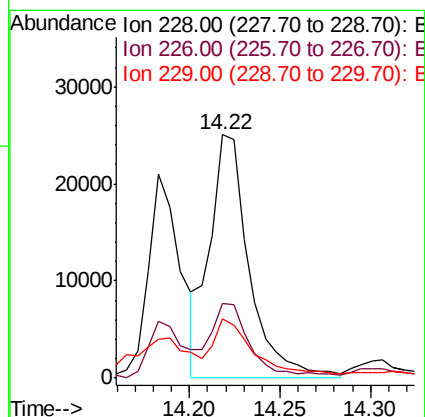
RT: 14.22 min Scan# 2020

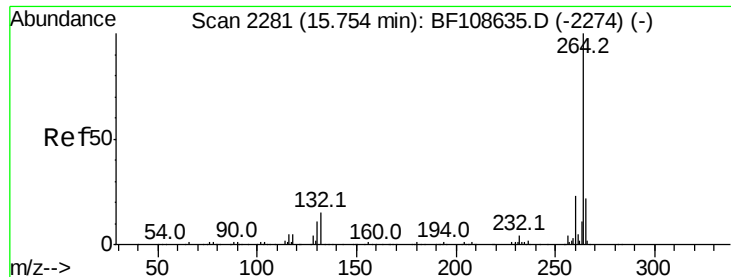
Delta R.T. -0.01 min

Lab File: BF108695.D

Acq: 31 Aug 2018 18:02

Tgt Ion:	228	Resp:	38262
Ion Ratio	Lower	Upper	
228	100		
226	30.5	25.0	37.6
229	24.1	16.2	24.4





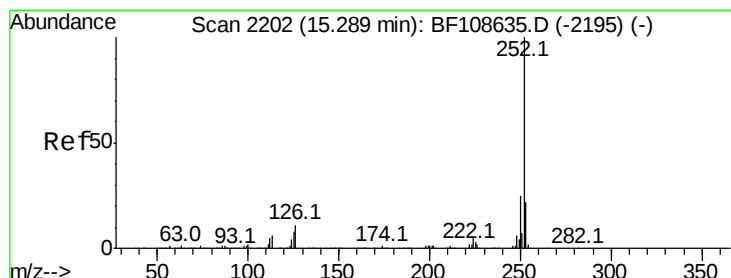
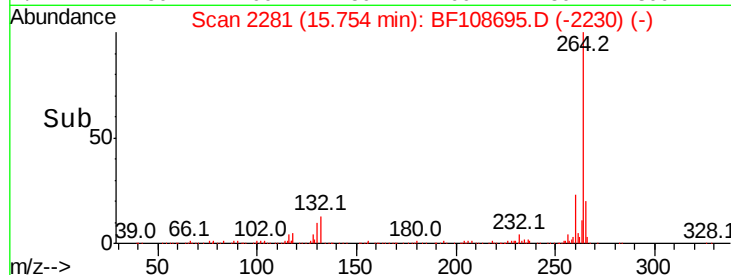
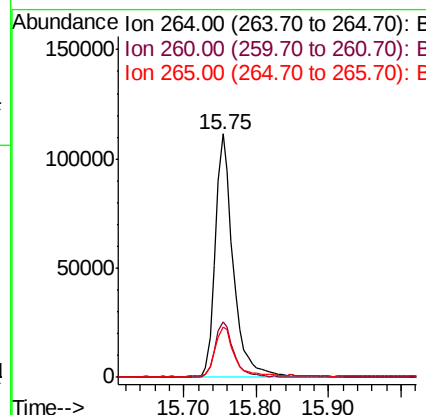
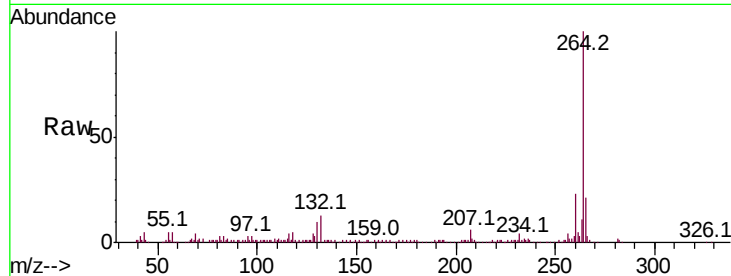
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BF108695.D
Acq: 31 Aug 2018 18:02

Instrument :
BNA_F
ClientSampled :
SB-15

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	20.9	17.5	26.3

Manual Integrations
APPROVED

Sohil
9/4/2018 3:53:16 PM



#87
Benzo(b)fluoranthene
Concen: 2.954 ng m
RT: 15.29 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BF108695.D
Acq: 31 Aug 2018 18:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.0	25.6#
125	15.7	9.0	13.6#

