

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
 Data File : BF109342.D
 Acq On : 26 Sep 2018 17:45
 Operator : JU/SJ
 Sample : J5070-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-RT-4005

Manual Integrations
 APPROVED

Sohil
 9/27/2018 1:31:20 PM

Quant Time: Sep 27 09:12:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	100525	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	387824	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	184534	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	343084	20.00	ng	0.00
75) Chrysene-d12	13.84	240	244601	20.00	ng	0.00
86) Perylene-d12	15.24	264	276215	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	520060	85.21	ng	0.00
7) Phenol-d6	6.35	99	671510	86.22	ng	-0.01
23) Nitrobenzene-d5	7.26	82	418727	63.74	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	174605	95.98	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	742784	60.71	ng	-0.01
78) Terphenyl-d14	12.79	244	612476	61.45	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.46	163	270684	20.168	ng	99
74) Fluoranthene	12.42	202	54010	2.950	ng	96
77) Pyrene	12.65	202	48058	2.741	ng	99
82) Chrysene	13.86	228	32726	2.241	ng	95
87) Benzo(b)fluoranthene	14.84	252	61028m	4.021	ng	
89) Benzo(a)pyrene	15.18	252	31079	2.272	ng	97

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

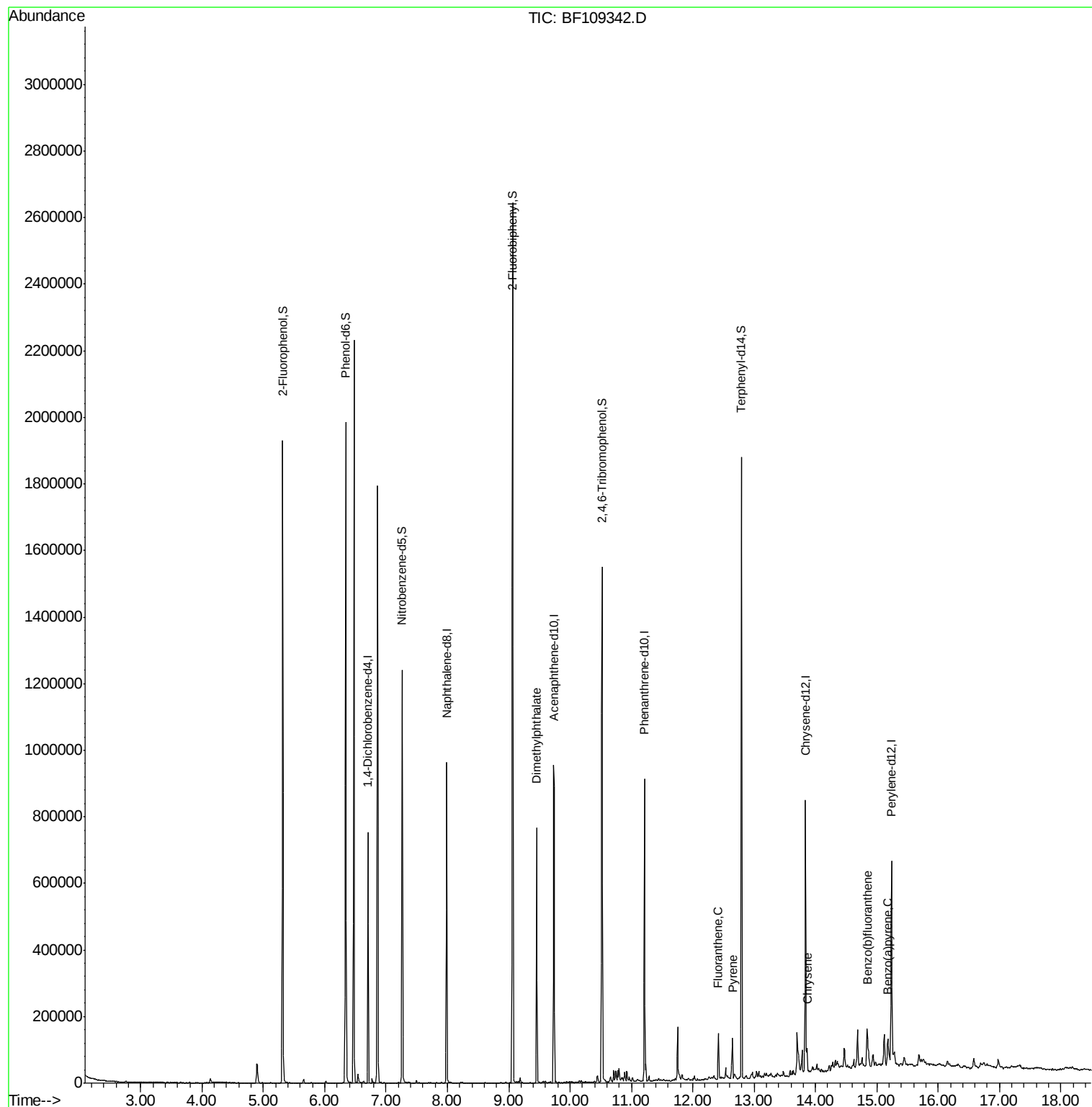
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
Data File : BF109342.D
Acq On : 26 Sep 2018 17:45
Operator : JU/SJ
Sample : J5070-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CS-RT-4005

Manual Integrations
APPROVED

Sohil
9/27/2018 1:31:20 PM

Quant Time: Sep 27 09:12:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration





#1

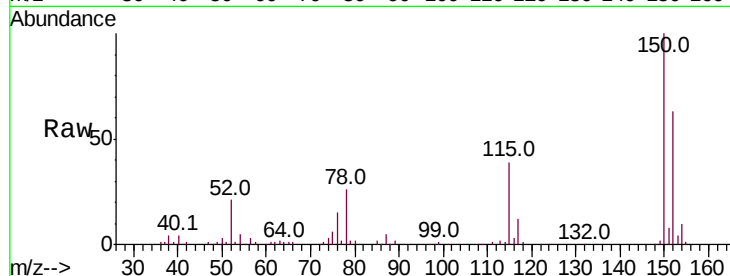
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109342.D
Acq: 26 Sep 2018 17:45

Instrument :
BNA_F
ClientSampled :
CS-RT-4005

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.6	186.8
115	62.1	50.1	75.1

Manual Integrations
APPROVED

Sohil
9/27/2018 1:31:20 PM

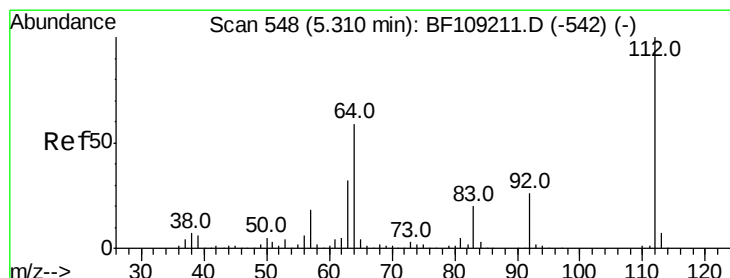
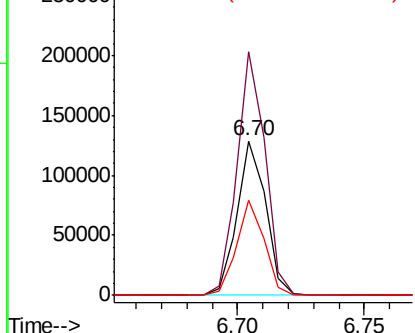
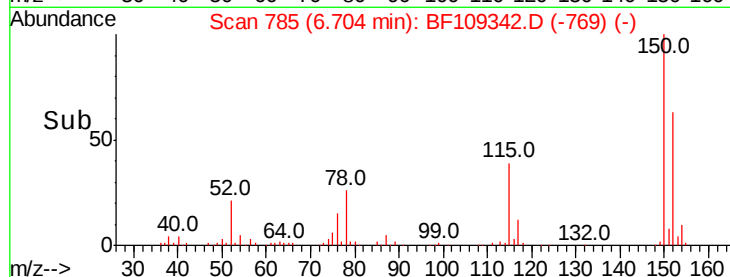


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

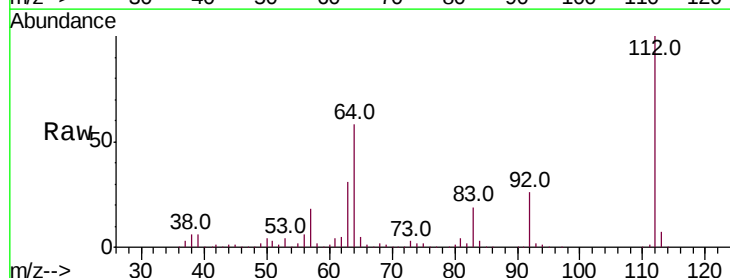
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 85.211 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109342.D
Acq: 26 Sep 2018 17:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	47.9	71.9
63	30.8	23.7	35.5

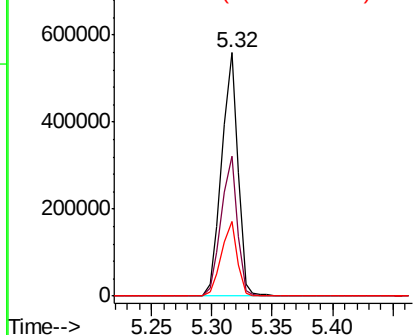
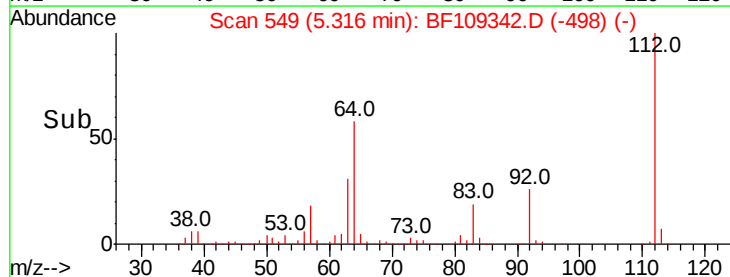


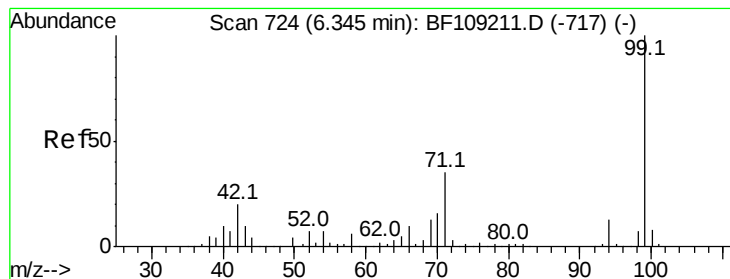
Abundance

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: 86.224 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109342.D

Acq: 26 Sep 2018 17:45

Instrument :

BNA_F

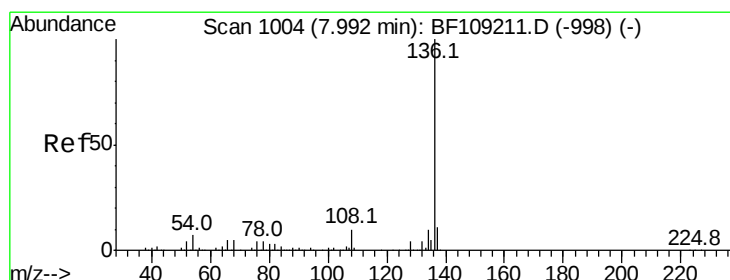
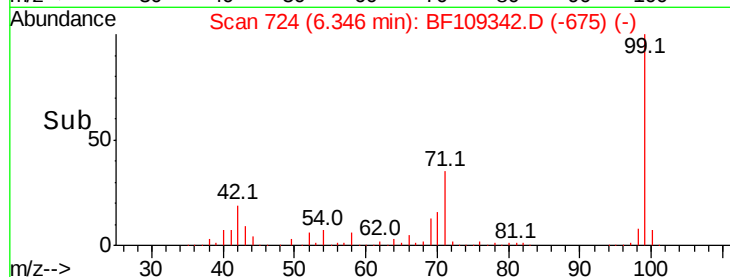
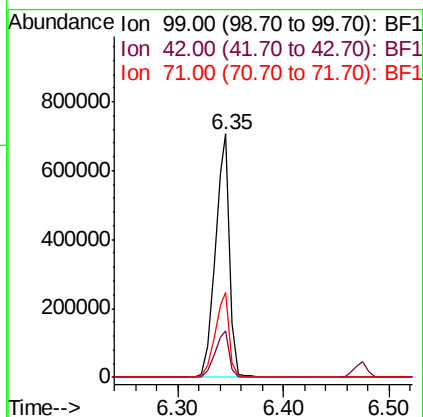
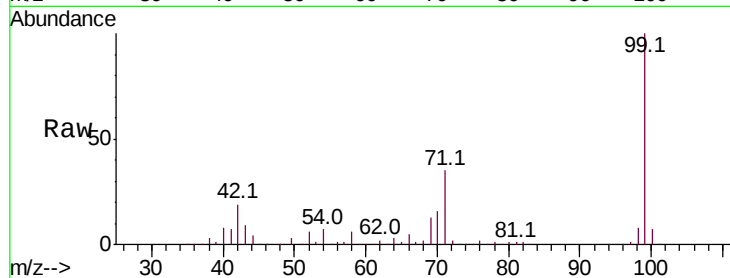
ClientSampleId :

CS-RT-4005

Tot Ion:	99	Resp:	671510
Ion Ratio	Lower	Upper	
99	100		
42	19.0	14.5	21.7
71	35.1	25.4	38.0

Manual Integrations
APPROVED

Sohil
9/27/2018 1:31:20 PM



#21

Naphthalene-d8

Concen: 20.000 ng

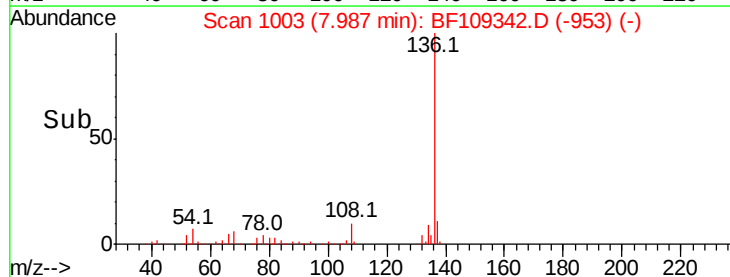
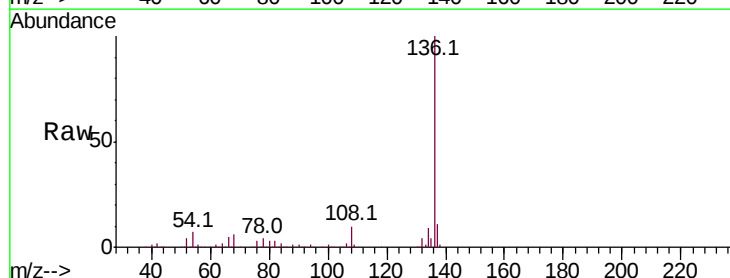
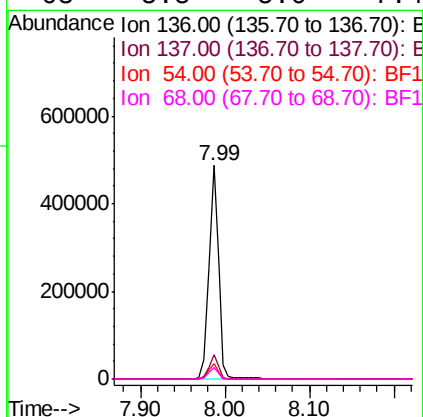
RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109342.D

Acq: 26 Sep 2018 17:45

Tgt Ion:	136	Resp:	387824
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.9	13.3
54	7.0	6.6	9.8
68	5.5	5.0	7.4





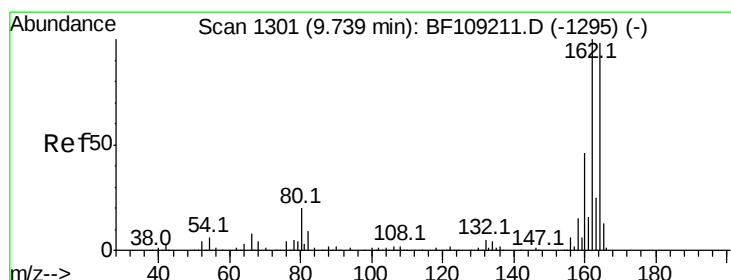
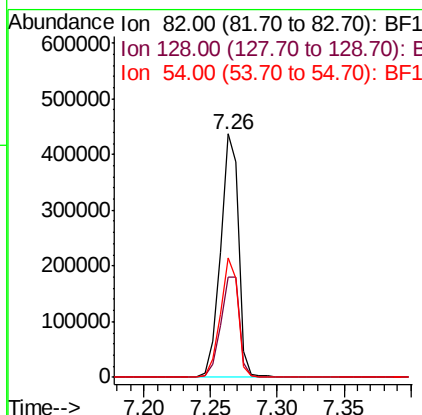
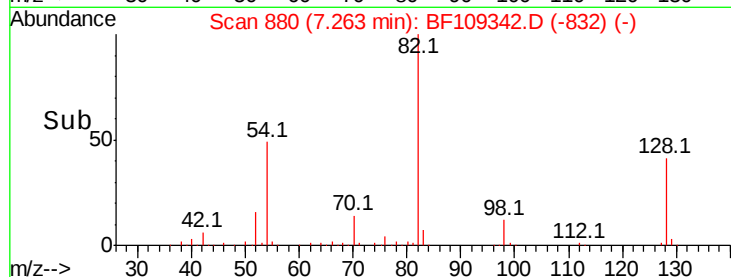
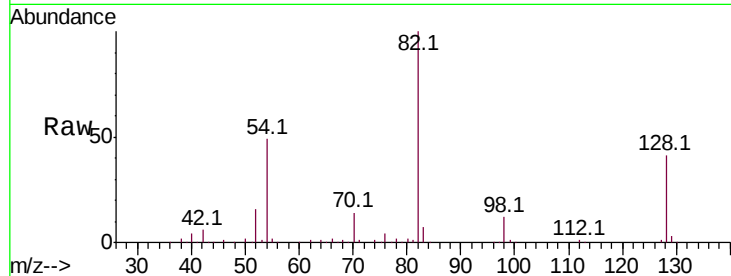
#23
Nitrobenzene-d5
Concen: 63.735 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109342.D
Acq: 26 Sep 2018 17:45

Instrument :
BNA_F
ClientSampled :
CS-RT-4005

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.4	36.1	54.1
54	49.2	41.4	62.2

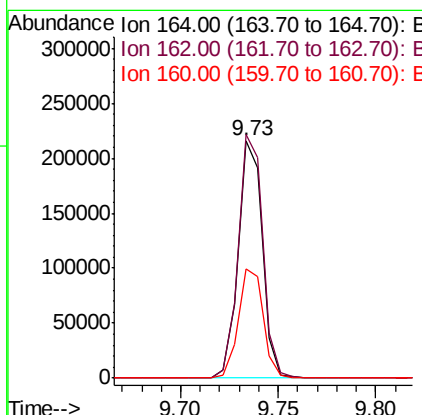
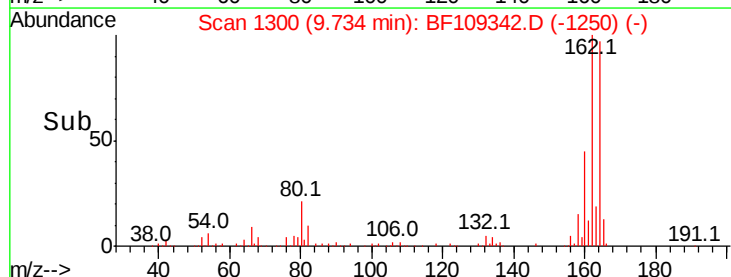
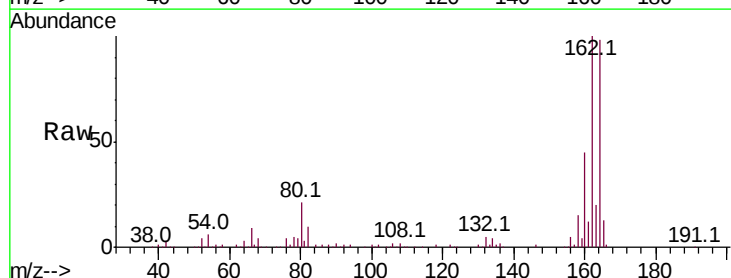
Manual Integrations
APPROVED

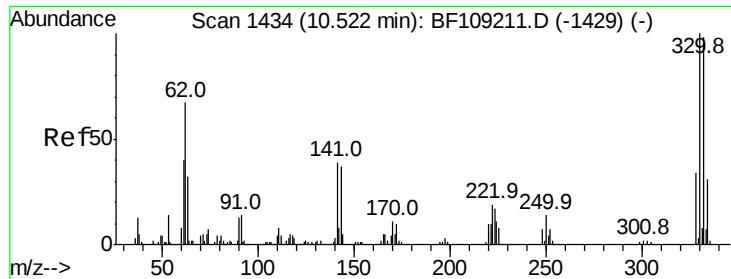
Sohil
9/27/2018 1:31:20 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109342.D
Acq: 26 Sep 2018 17:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	86.1	129.1
160	45.8	38.3	57.5





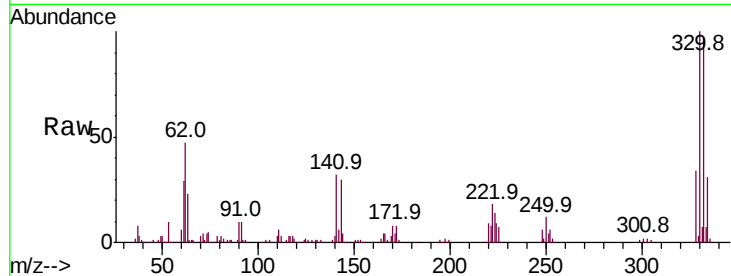
#41
 2,4,6-Tribromophenol
 Concen: 95.983 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109342.D
 Acq: 26 Sep 2018 17:45

Instrument :
 BNA_F
 ClientSampleId :
 CS-RT-4005

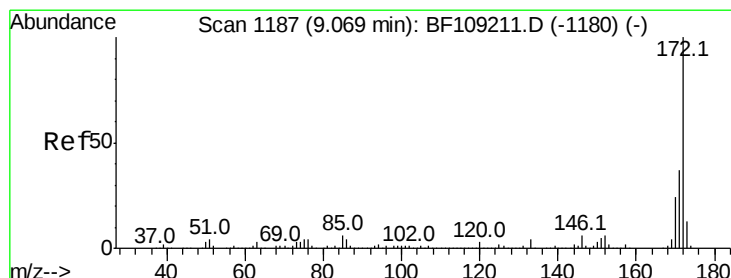
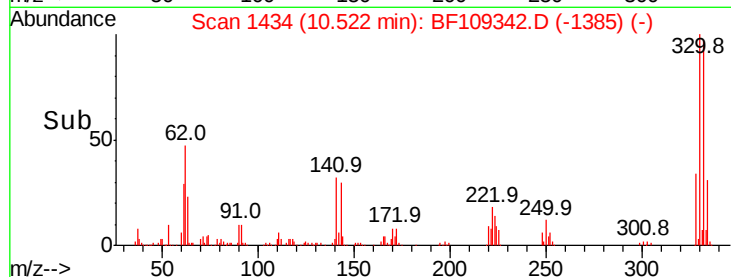
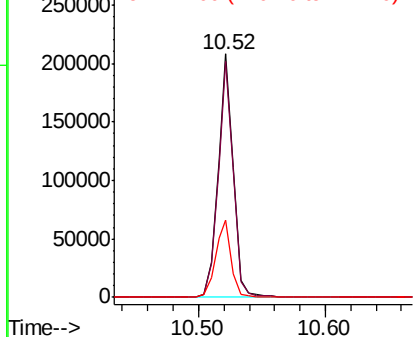
Tot Ion	Ratio	Resp	Lower	Upper
330	100	174605		
332	97.0	77.0	115.6	
141	32.7	29.9	44.9	

Manual Integrations
 APPROVED

Sohil
 9/27/2018 1:31:20 PM

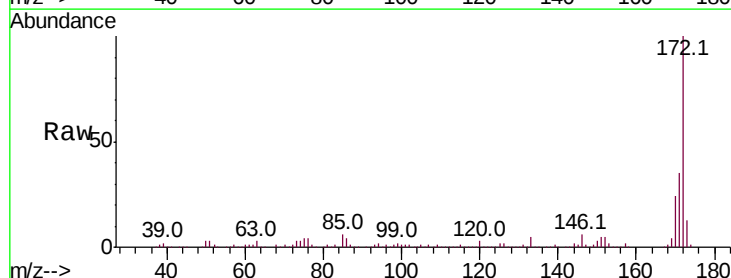


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

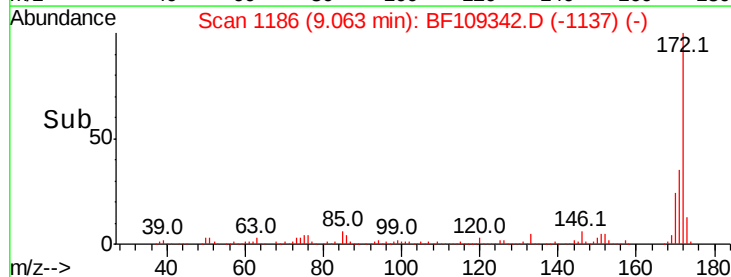
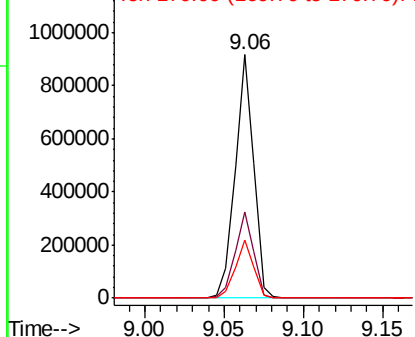


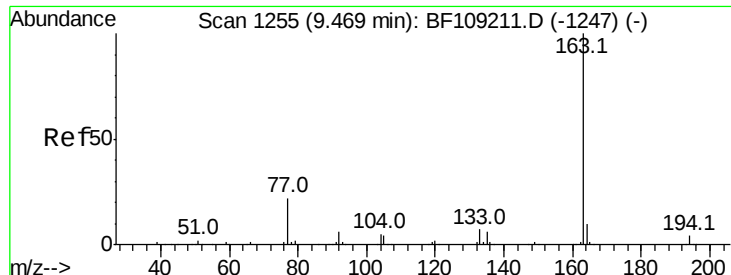
#44
 2-Fluorobiphenyl
 Concen: 60.708 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109342.D
 Acq: 26 Sep 2018 17:45

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	742784		
171	35.4	29.7	44.5	
170	23.9	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





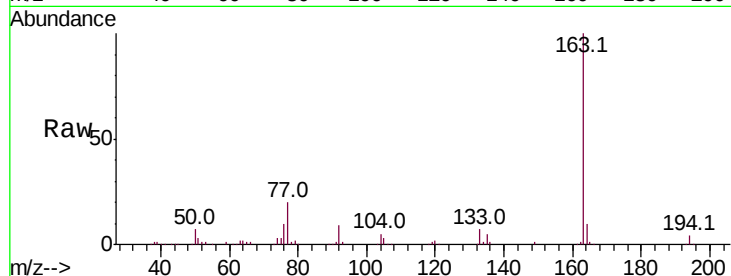
#49
Dimethylphthalate
Concen: 20.168 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109342.D
Acq: 26 Sep 2018 17:45

Instrument :
BNA_F
ClientSampleId :
CS-RT-4005

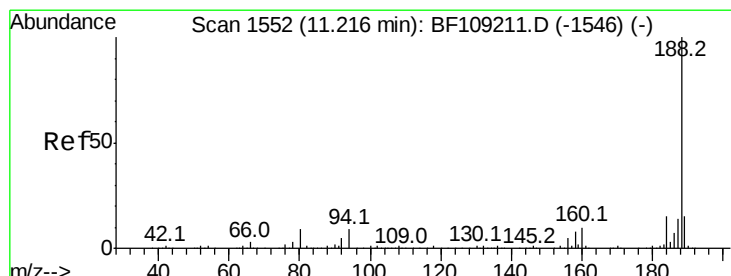
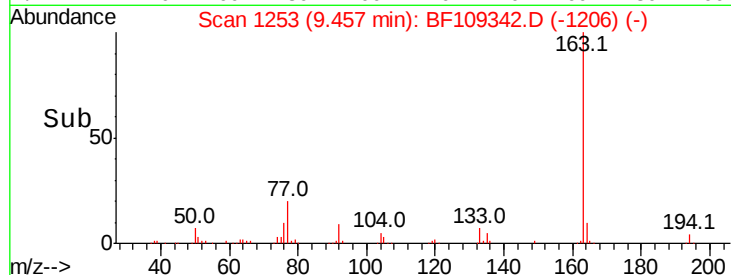
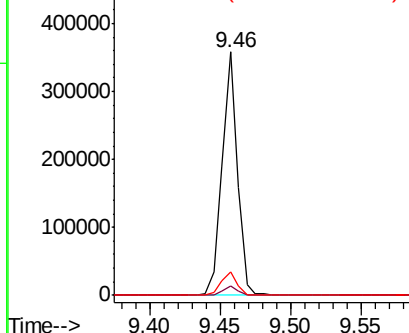
Tot Ion	Ratio	Resp	Lower	Upper
163	100	270684		
194	3.8		2.7	4.1
164	9.8		8.2	12.2

Manual Integrations
APPROVED

Sohil
9/27/2018 1:31:20 PM



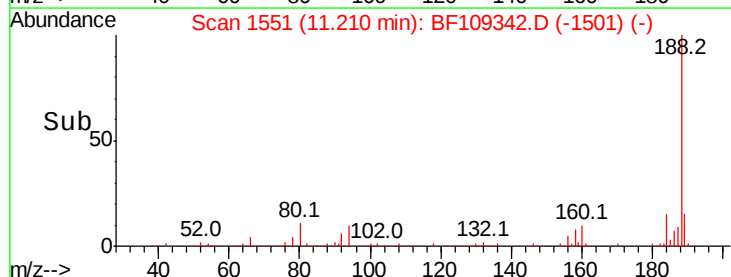
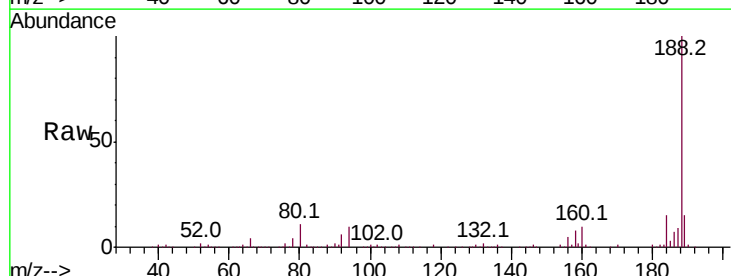
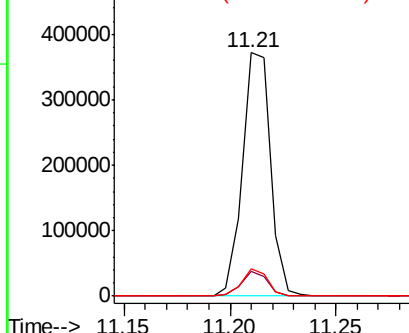
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

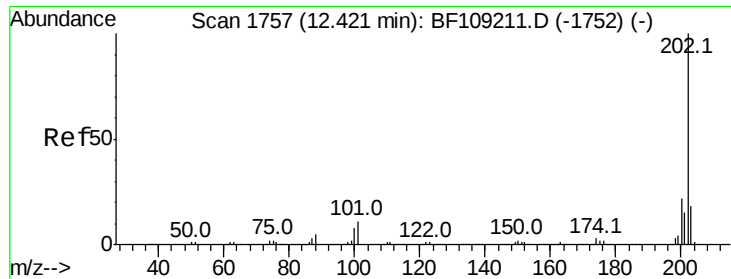


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109342.D
Acq: 26 Sep 2018 17:45

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	343084		
94	9.9		8.5	12.7
80	11.1		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





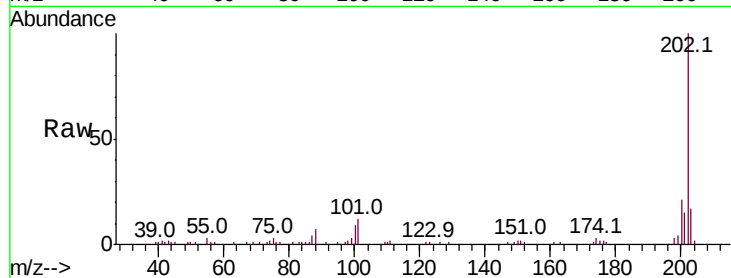
#74
Fluoranthene
Concen: 2.950 ng
RT: 12.42 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BF109342.D
Acq: 26 Sep 2018 17:45

Instrument :
BNA_F
ClientSampleId :
CS-RT-4005

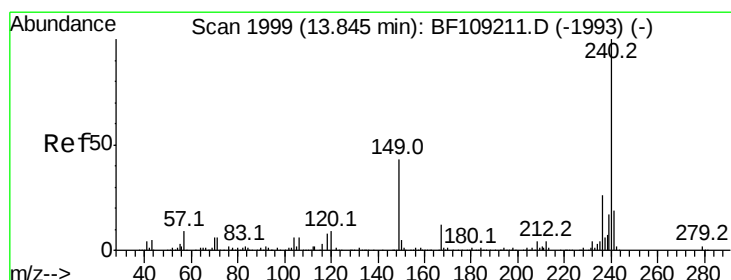
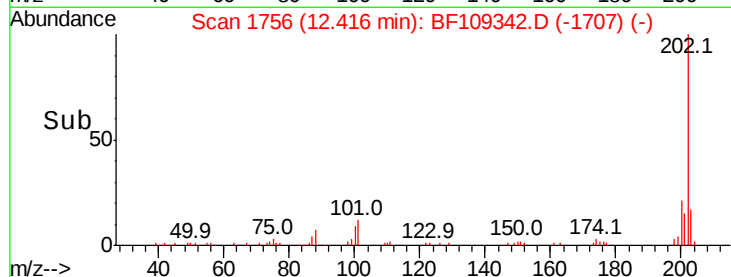
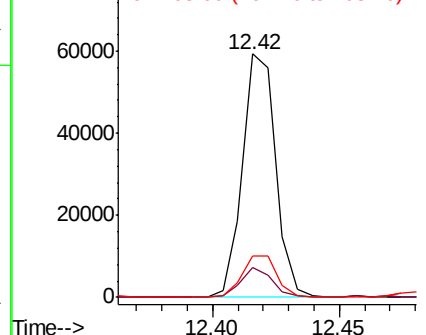
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.1	0.0	34.1
203	16.9	0.0	38.1

Manual Integrations
APPROVED

Sohil
9/27/2018 1:31:20 PM



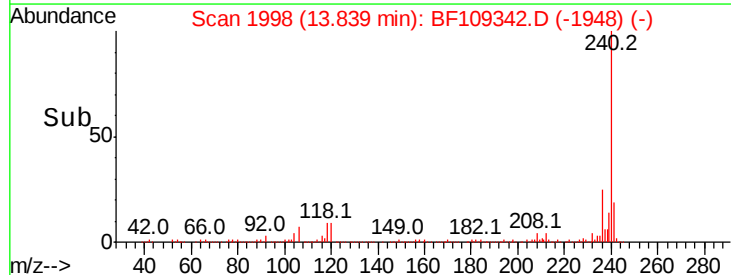
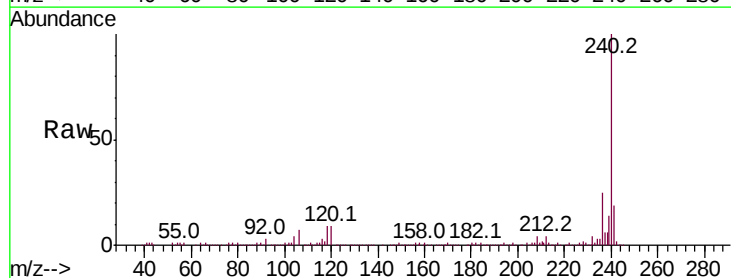
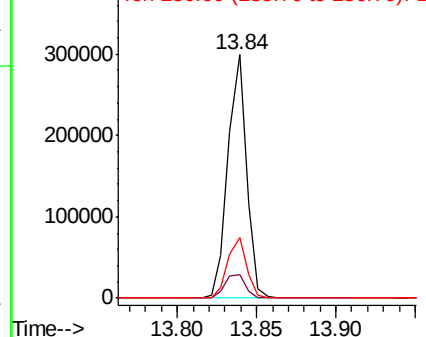
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

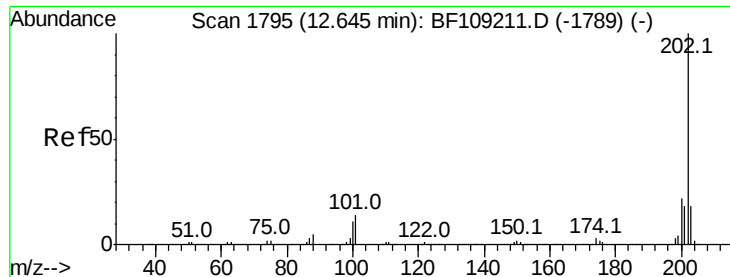


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109342.D
Acq: 26 Sep 2018 17:45

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.4	9.5	14.3#
236	24.9	20.7	31.1

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





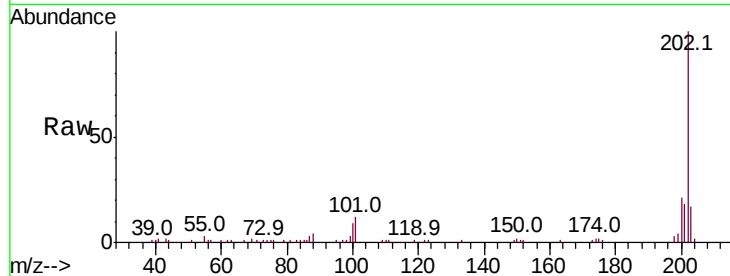
#77
Pvrene
Concen: 2.741 ng
RT: 12.65 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF109342.D
Acq: 26 Sep 2018 17:45

Instrument :
BNA_F
ClientSampleId :
CS-RT-4005

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.4	14.3	21.5

Manual Integrations
APPROVED

Sohil
9/27/2018 1:31:20 PM

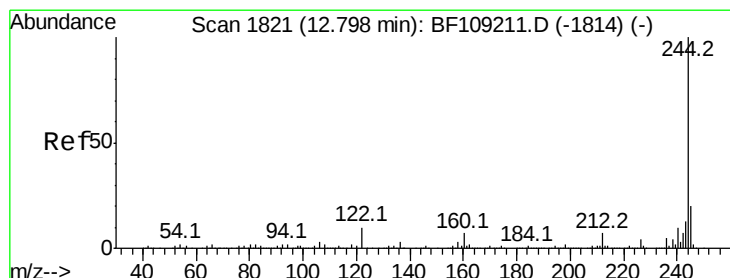
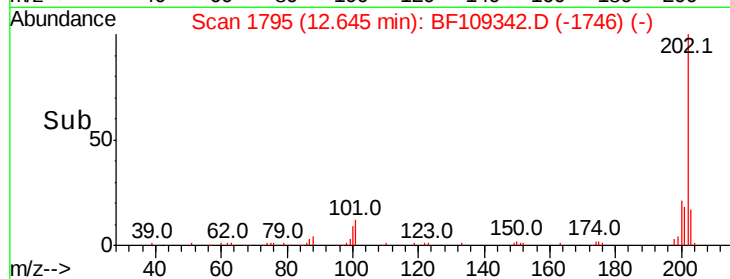
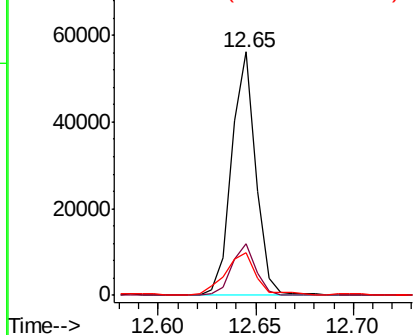


Abundance

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: 61.452 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF109342.D
Acq: 26 Sep 2018 17:45

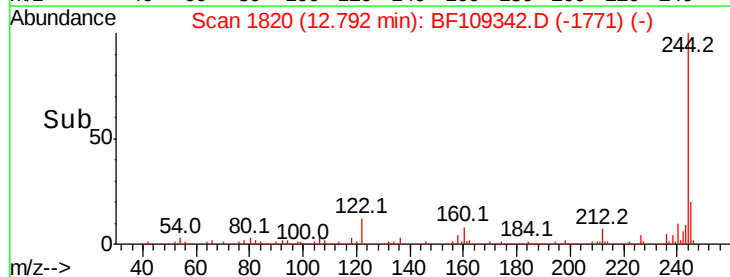
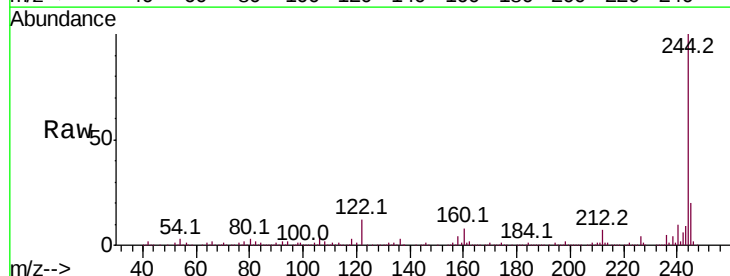
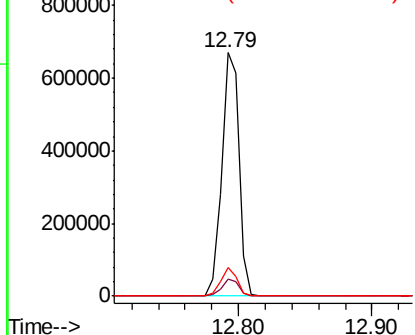
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	11.9	11.0	16.4

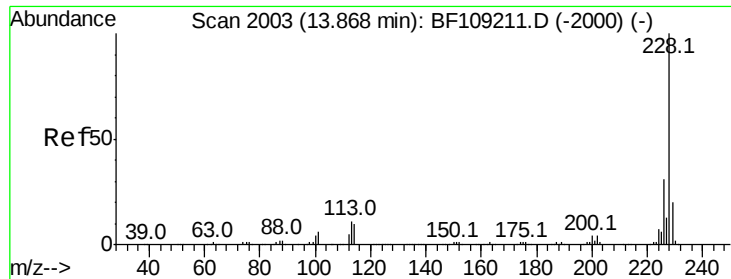
Abundance

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





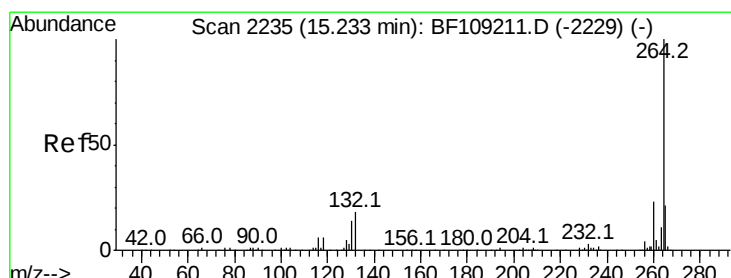
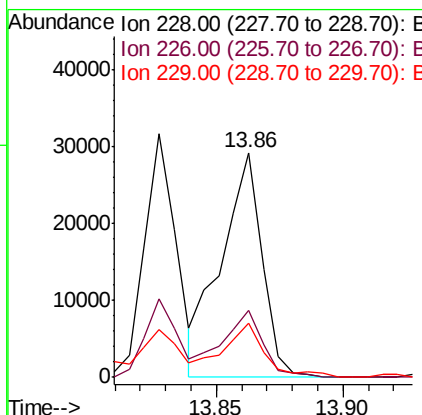
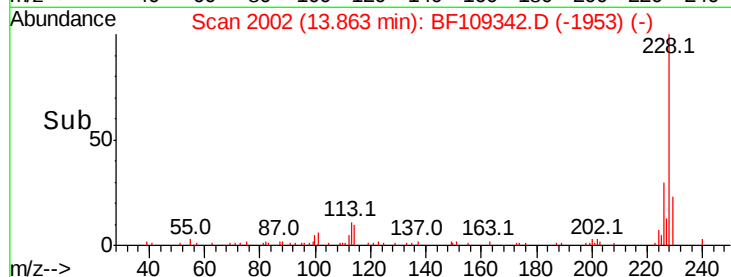
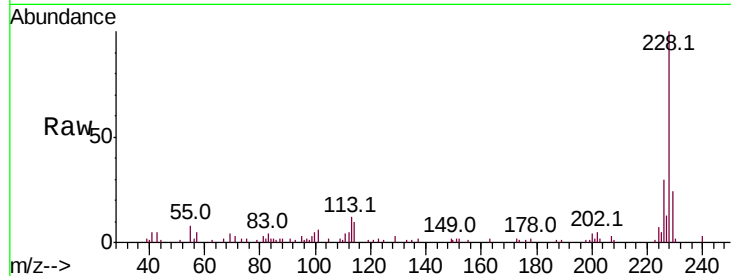
#82
Chrysene
Concen: 2.241 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF109342.D
Acq: 26 Sep 2018 17:45

Instrument :
BNA_F
ClientSampleId :
CS-RT-4005

Tot Ion:	228	Resp:	32726
Ion Ratio	Lower	Upper	
228	100		
226	29.6	25.0	37.6
229	23.8	16.2	24.4

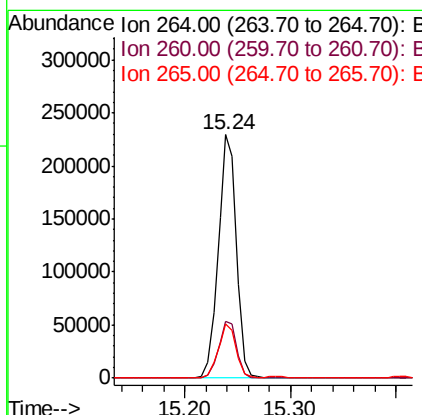
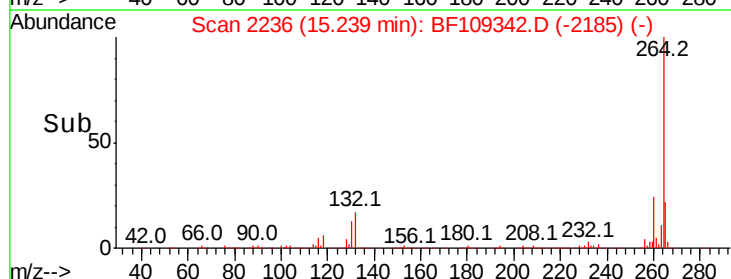
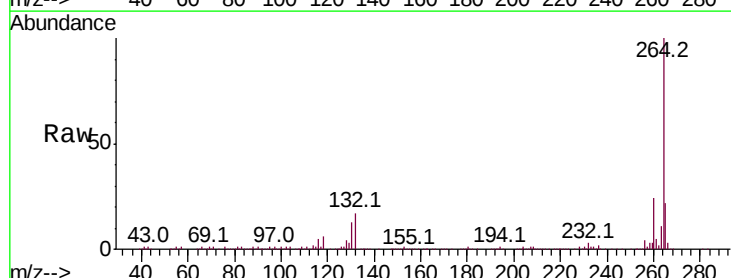
Manual Integrations
APPROVED

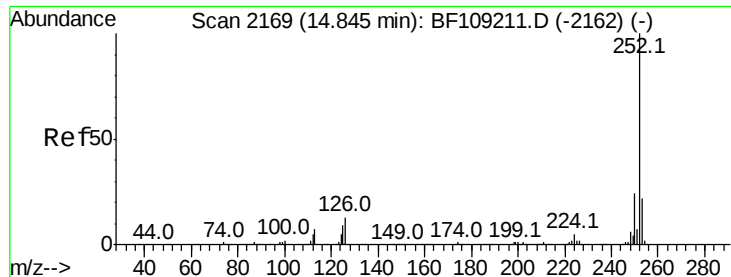
Sohil
9/27/2018 1:31:20 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF109342.D
Acq: 26 Sep 2018 17:45

Tgt Ion:	264	Resp:	276215
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.2	28.8
265	22.2	17.5	26.3





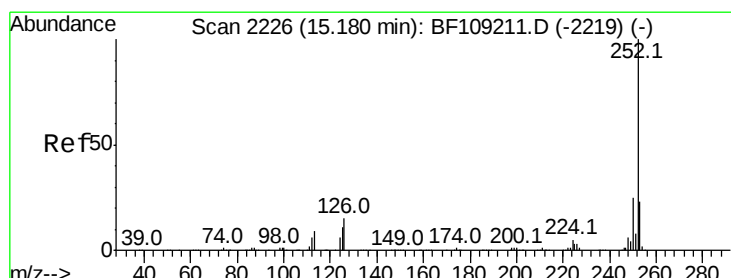
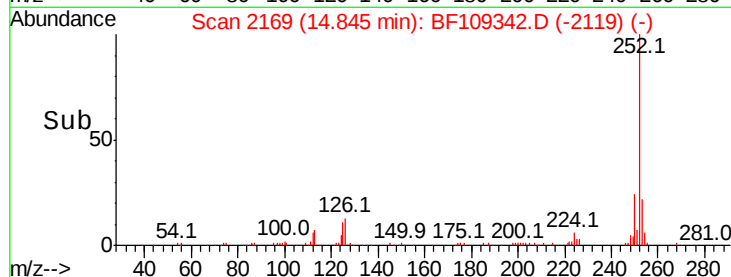
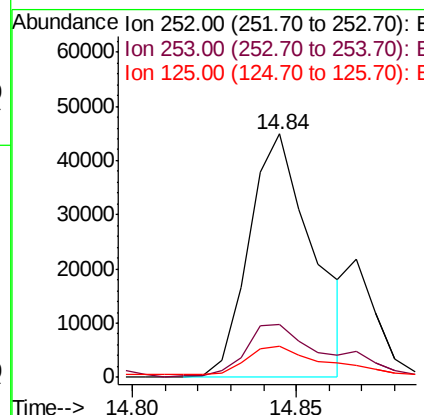
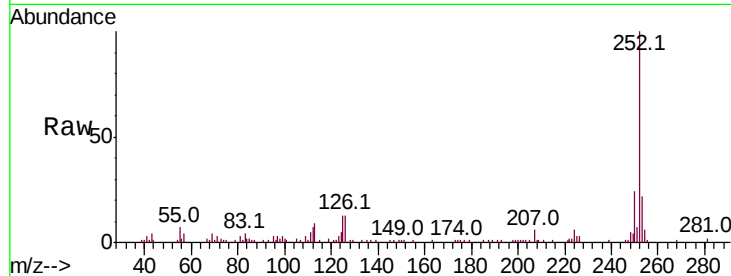
#87
Benzo(b)fluoranthene
Concen: 4.021 ng m
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF109342.D
Acq: 26 Sep 2018 17:45

Instrument :
BNA_F
ClientSampleId :
CS-RT-4005

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	12.6	9.0	13.6

Manual Integrations
APPROVED

Sohil
9/27/2018 1:31:20 PM



#89
Benzo(a)pyrene
Concen: 2.272 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF109342.D
Acq: 26 Sep 2018 17:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	10.8	9.8	14.6

