

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
 Data File : BF109233.D
 Acq On : 22 Sep 2018 20:35
 Operator : JU/SJ
 Sample : J4777-23 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-03-092018-C

Manual Integrations
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 9/24/2018 11:39:01 AM

Quant Time: Sep 24 07:49:12 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	124373	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	475530	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	215529	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	364013	20.00	ng	0.00
75) Chrysene-d12	13.83	240	251521	20.00	ng	-0.01
86) Perylene-d12	15.23	264	238578	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	138500	18.34	ng	-0.01
7) Phenol-d6	6.33	99	179302	18.61	ng	-0.02
23) Nitrobenzene-d5	7.26	82	105069	13.04	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	36324	17.10	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	215498	15.08	ng	-0.01
78) Terphenyl-d14	12.79	244	156210	15.24	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.46	163	54043	3.447	ng	98
74) Fluoranthene	12.42	202	61260	3.154	ng	95
77) Pyrene	12.64	202	61117	3.390	ng	98
80) Benzo(a)anthracene	13.82	228	33768m	2.229	ng	
82) Chrysene	13.86	228	31130	2.073	ng	97
87) Benzo(b)fluoranthene	14.84	252	42095m	3.211	ng	
89) Benzo(a)pyrene	15.17	252	27699	2.345	ng	# 93

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

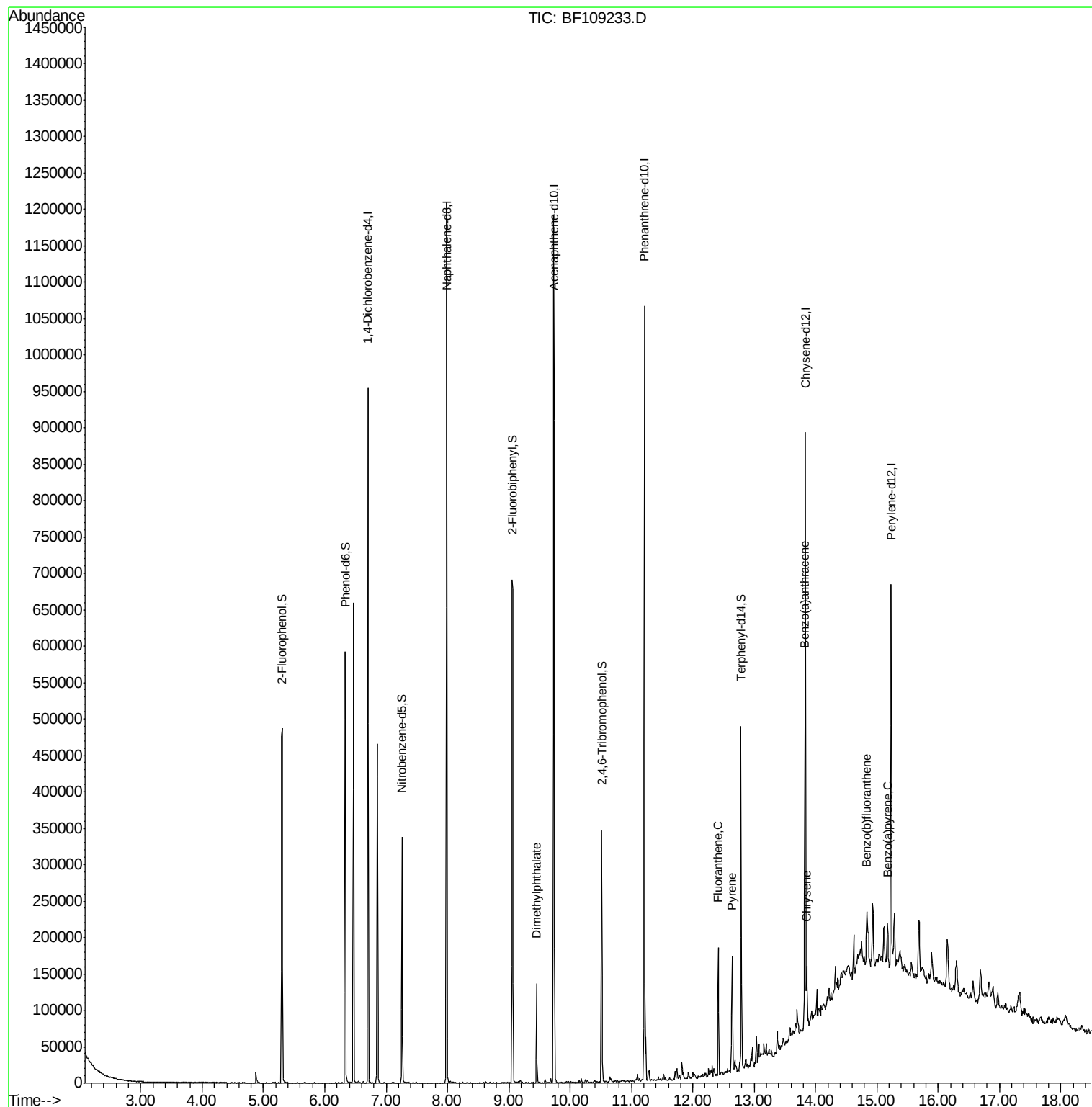
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109233.D
Acq On : 22 Sep 2018 20:35
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ClientSampled :
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#1

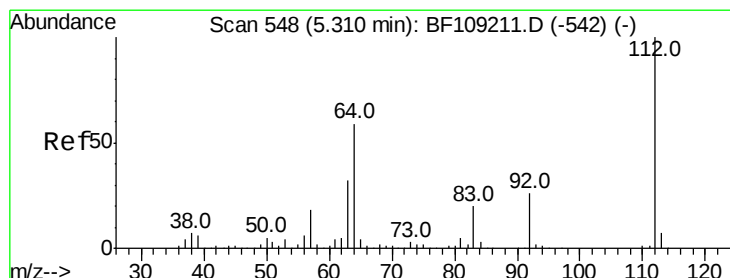
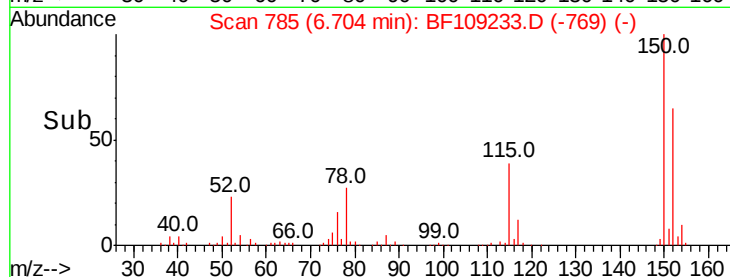
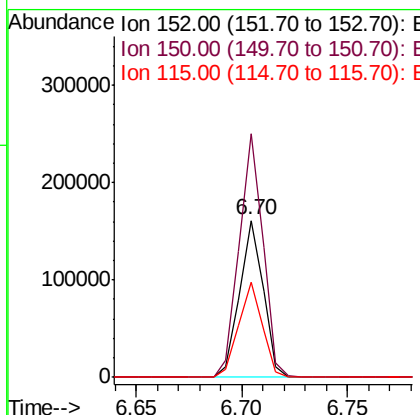
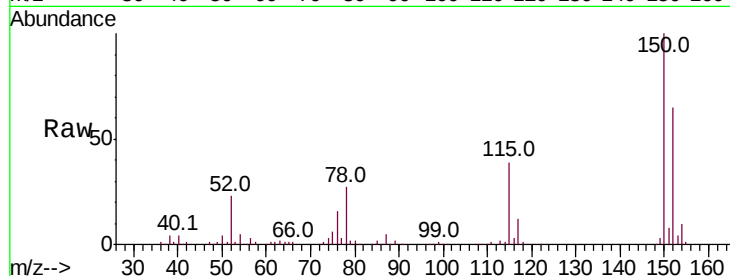
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109233.D
Acq: 22 Sep 2018 20:35

Instrument :
BNA_F
ClientSampleId :
PL-03-092018-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.6	186.8
115	60.9	50.1	75.1

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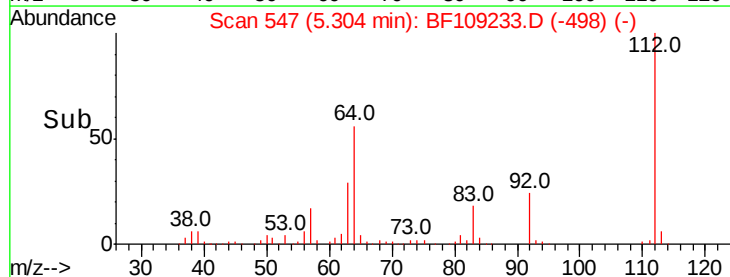
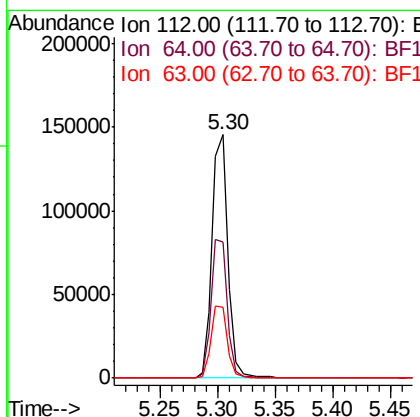
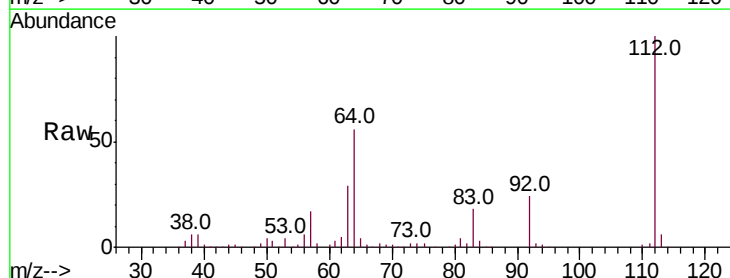
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#5

2-Fluorophenol
Concen: 18.342 ng
RT: 5.30 min Scan# 547
Delta R.T. -0.01 min
Lab File: BF109233.D
Acq: 22 Sep 2018 20:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.0	47.9	71.9
63	29.1	23.7	35.5





#7

Phenol-d6

Concen: 18.608 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF109233.D

Acq: 22 Sep 2018 20:35

Instrument :

BNA_F

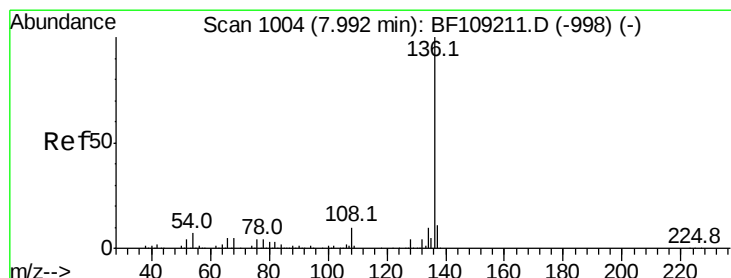
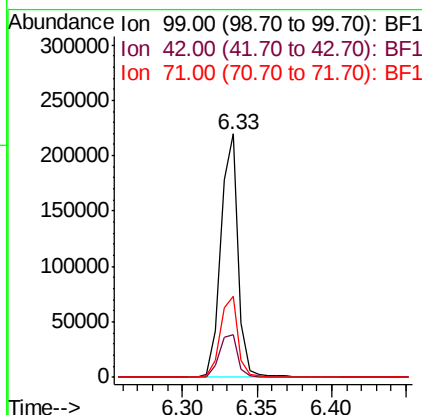
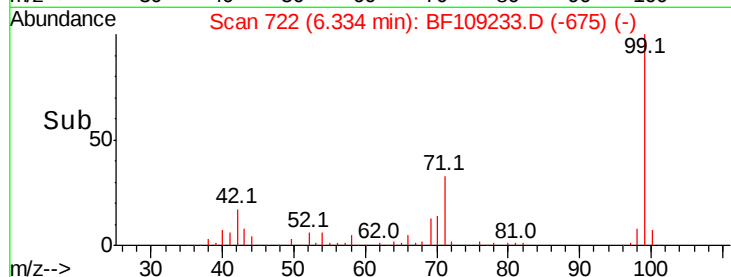
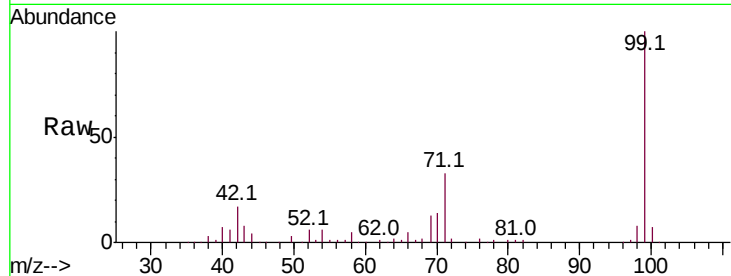
ClientSampleId :

PL-03-092018-C

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		179302		
42	17.3	14.5	21.7		
71	33.2	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

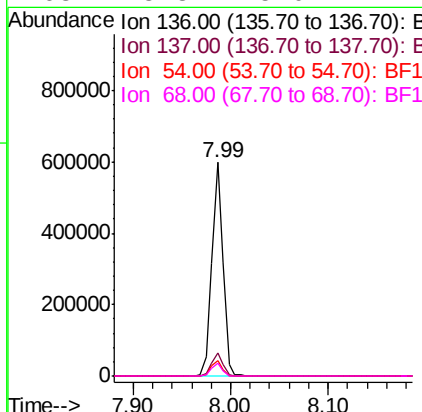
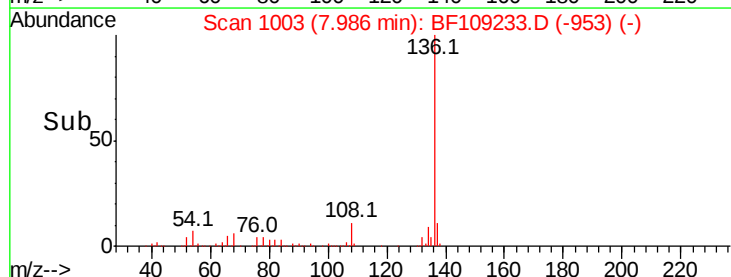
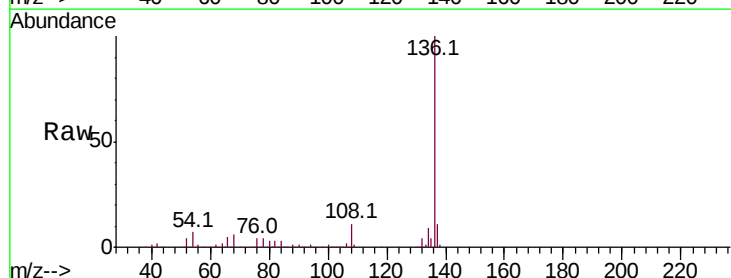
RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109233.D

Acq: 22 Sep 2018 20:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		475530		
137	11.0	8.9	13.3		
54	7.5	6.6	9.8		
68	5.8	5.0	7.4		





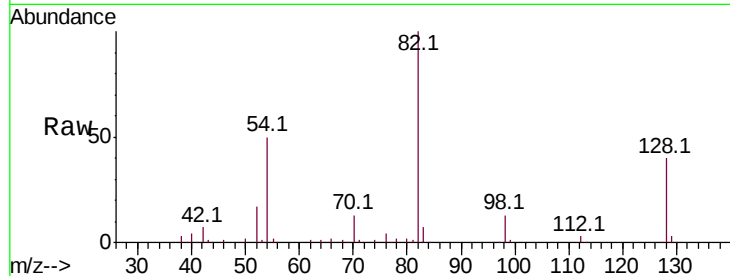
#23
 Nitrobenzene-d5
 Concen: 13.043 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.02 min
 Lab File: BF109233.D
 Acq: 22 Sep 2018 20:35

Instrument :
 BNA_F
 ClientSampleId :
 PL-03-092018-C

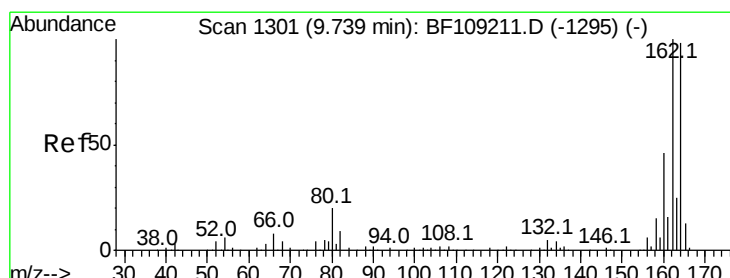
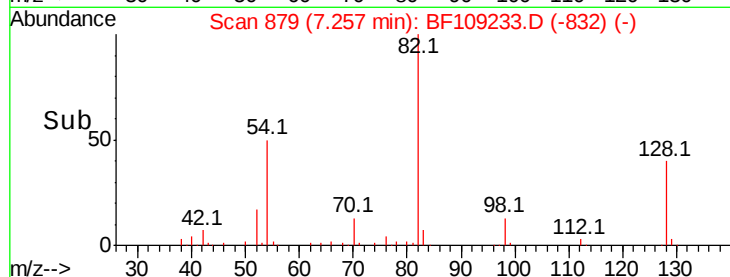
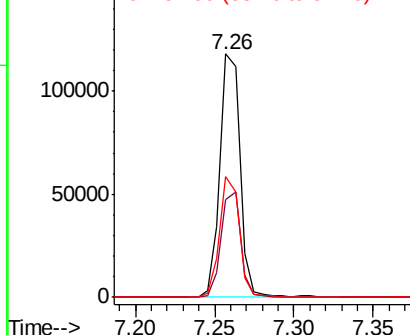
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.1	36.1	54.1
54	49.8	41.4	62.2

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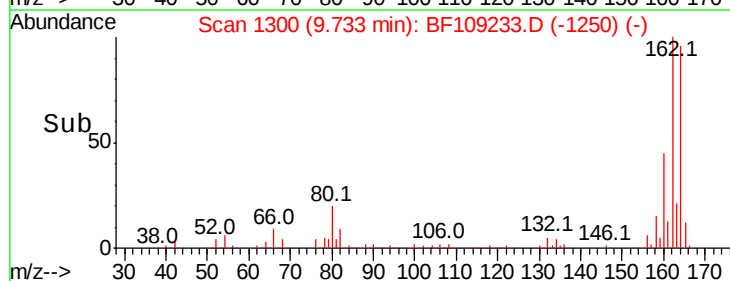
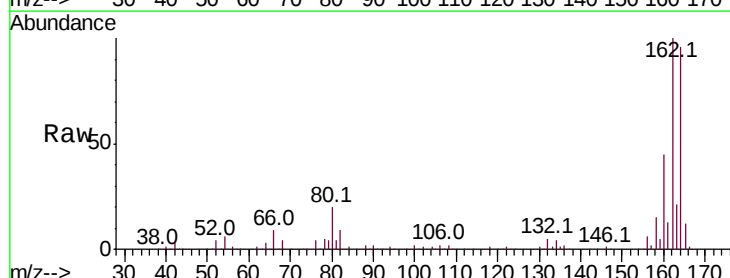
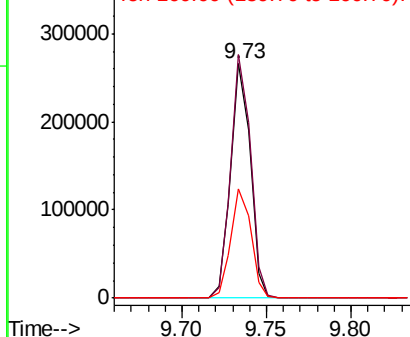
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

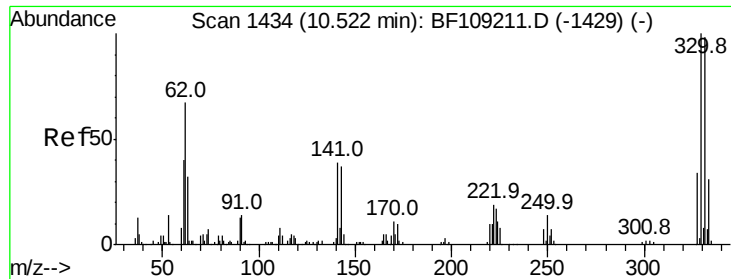


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109233.D
 Acq: 22 Sep 2018 20:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	46.4	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





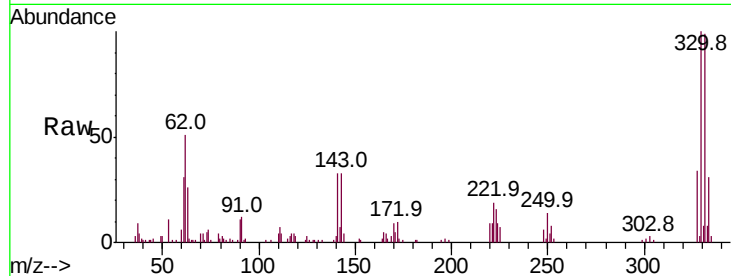
#41
 2,4,6-Tribromophenol
 Concen: 17.096 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF109233.D
 Acq: 22 Sep 2018 20:35

Instrument :
 BNA_F
 ClientSampleId :
 PL-03-092018-C

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.4	77.0	115.6	
141	33.6	29.9	44.9	

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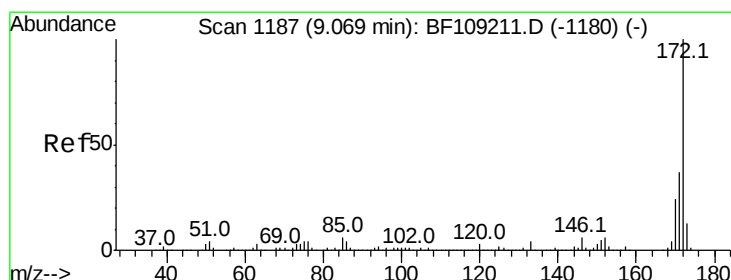
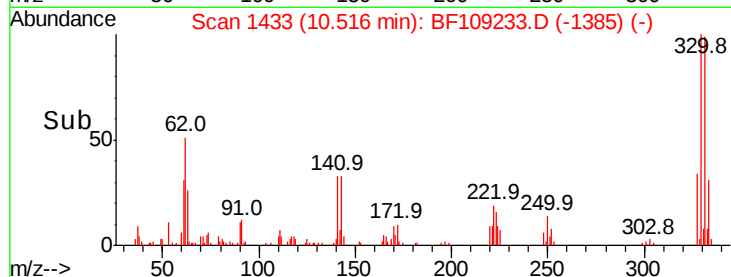
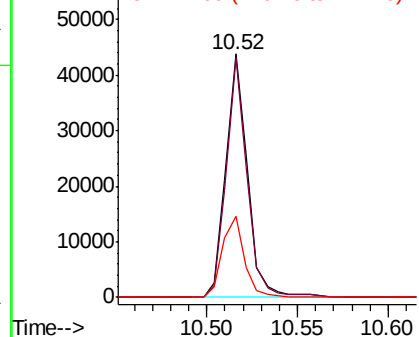


Abundance

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: 15.080 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109233.D
 Acq: 22 Sep 2018 20:35

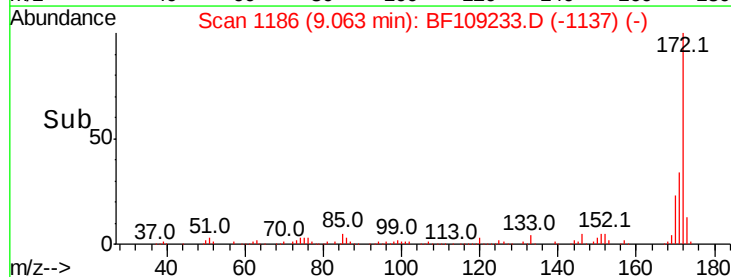
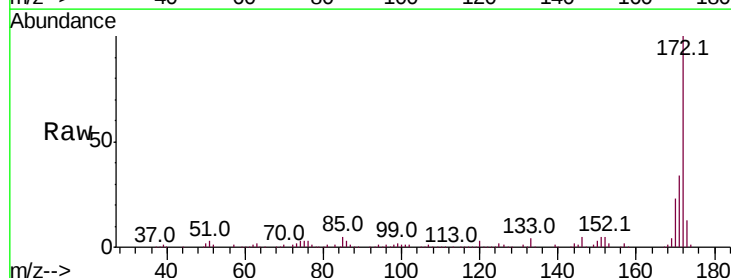
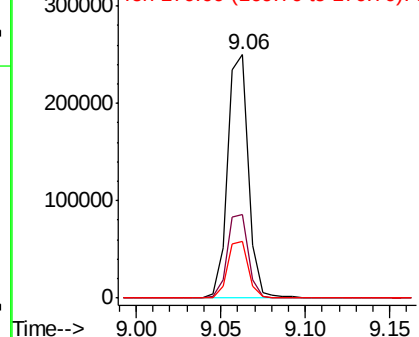
Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.2	29.7	44.5	
170	23.4	19.6	29.4	

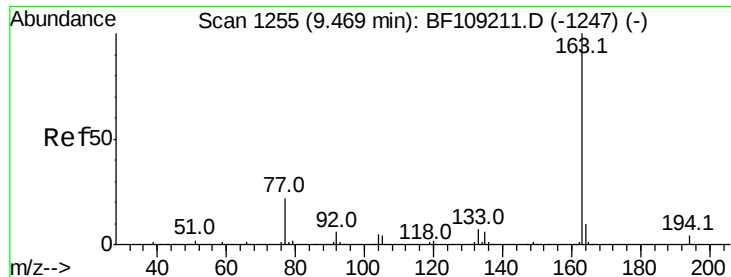
Abundance

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





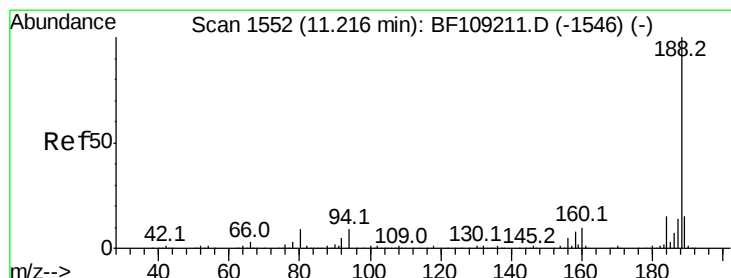
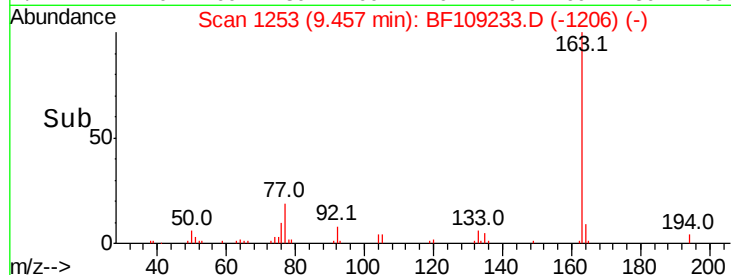
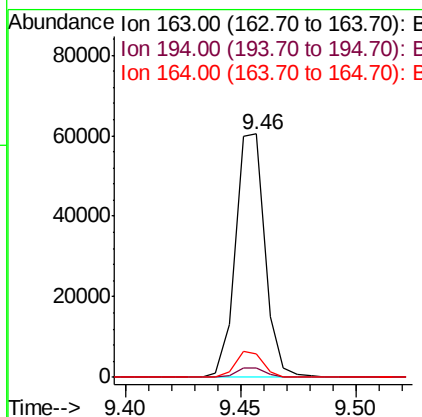
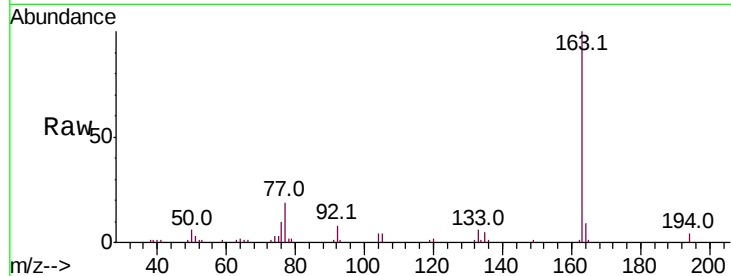
#49
 Dimethylphthalate
 Concen: 3.447 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF109233.D
 Acq: 22 Sep 2018 20:35

Instrument :
 BNA_F
 ClientSampleId :
 PL-03-092018-C

Tot Ion:	163	Resp:	54043
Ion Ratio	Lower	Upper	
163	100		
194	3.8	2.7	4.1
164	9.4	8.2	12.2

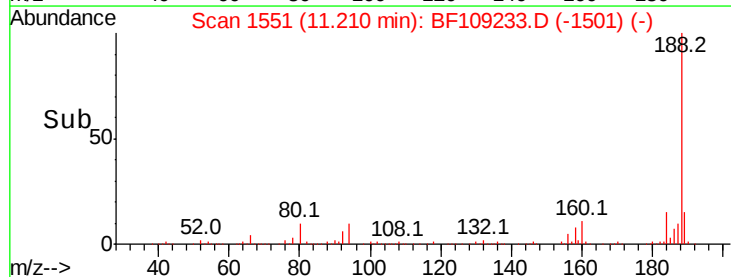
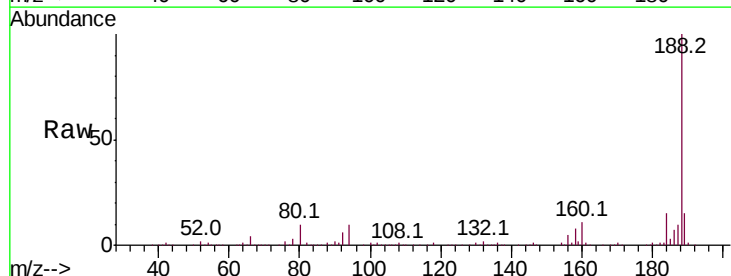
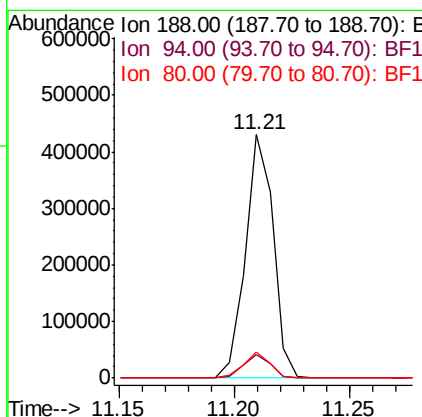
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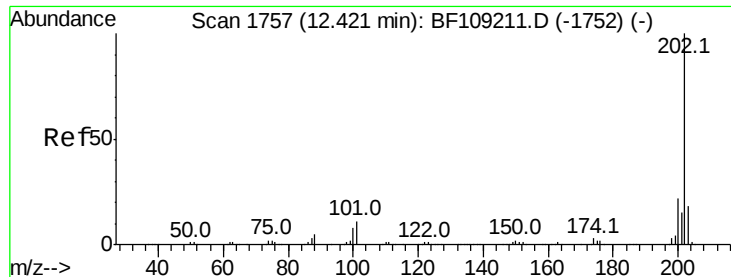
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#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF109233.D
 Acq: 22 Sep 2018 20:35

Tgt Ion:	188	Resp:	364013
Ion Ratio	Lower	Upper	
188	100		
94	9.6	8.5	12.7
80	10.4	9.2	13.8





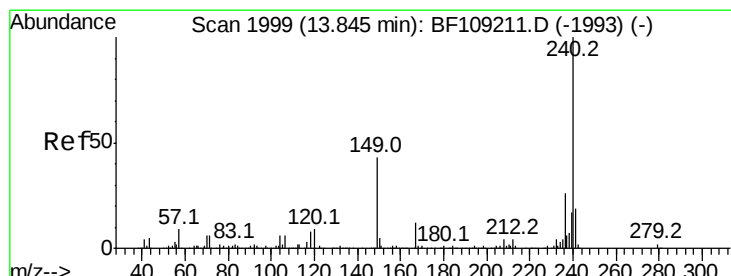
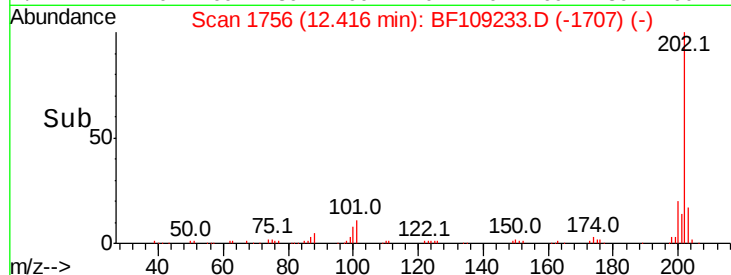
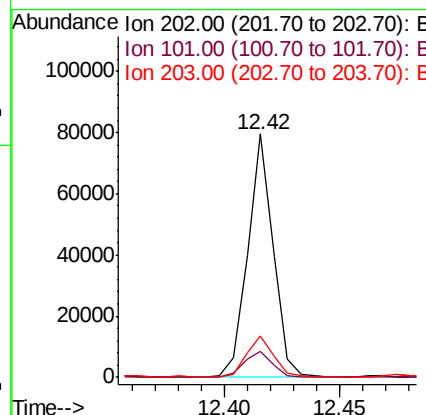
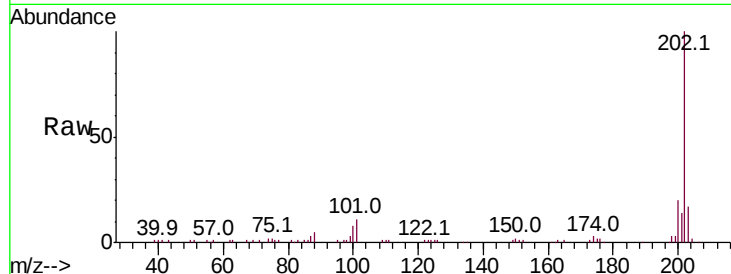
#74
 Fluoranthene
 Concen: 3.154 ng
 RT: 12.42 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BF109233.D
 Acq: 22 Sep 2018 20:35

Instrument :
 BNA_F
 ClientSampleId :
 PL-03-092018-C

Tot Ion	Ratio	Resp	Lower	Upper
202	100	61260		
101	10.5	0.0	34.1	
203	17.1	0.0	38.1	

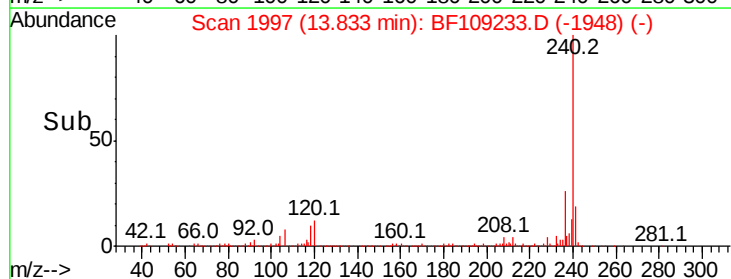
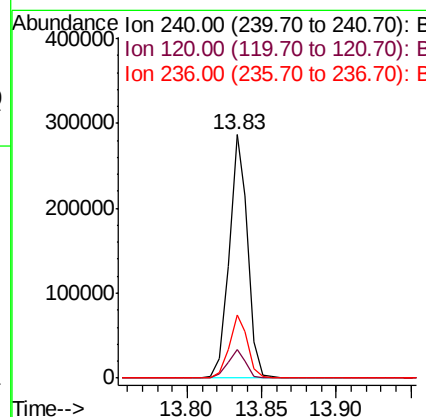
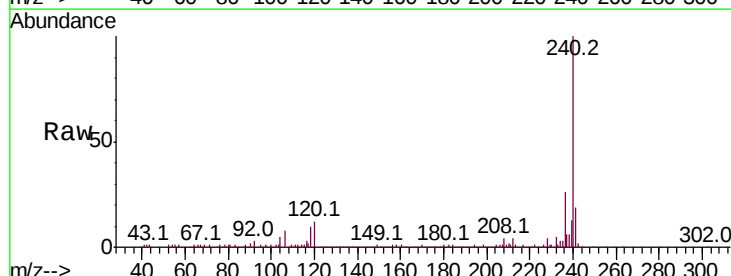
Manual Integrations
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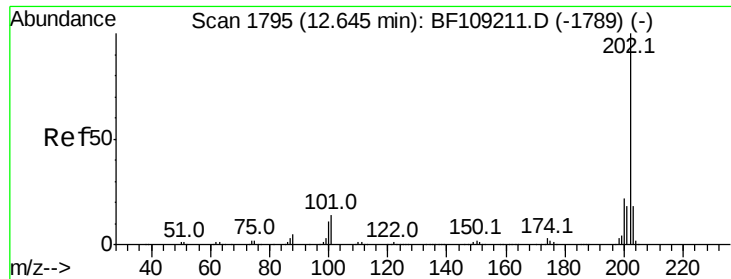
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#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF109233.D
 Acq: 22 Sep 2018 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	251521		
120	11.7	9.5	14.3	
236	26.0	20.7	31.1	





#77

Pvrene

Concen: 3.390 ng

RT: 12.64 min Scan# 1794

Delta R.T. -0.02 min

Lab File: BF109233.D

Acq: 22 Sep 2018 20:35

Instrument :

BNA_F

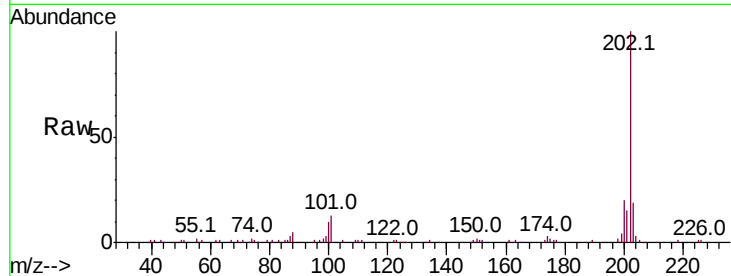
ClientSampleId :

PL-03-092018-C

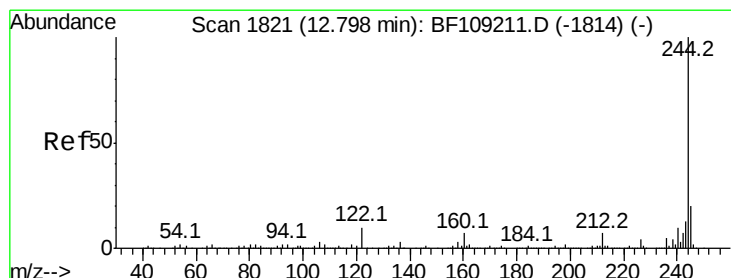
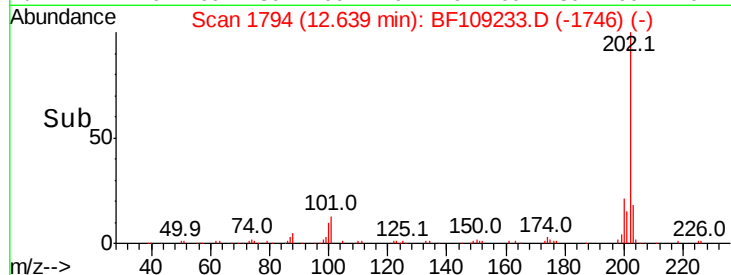
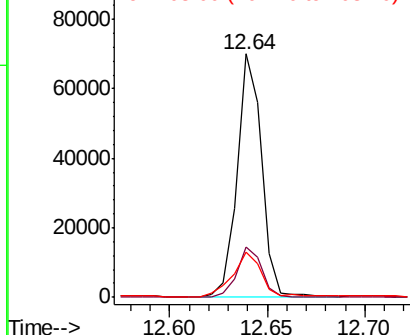
Tot Ion:202	Resp:	61117
Ion Ratio	Lower	Upper
202 100		
200 20.5	17.4	26.2
203 18.6	14.3	21.5

Manual Integrations
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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: 15.242 ng

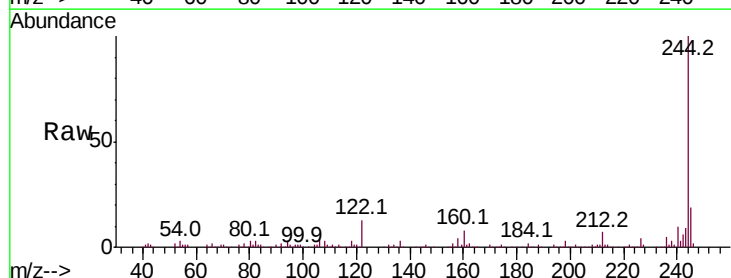
RT: 12.79 min Scan# 1819

Delta R.T. -0.02 min

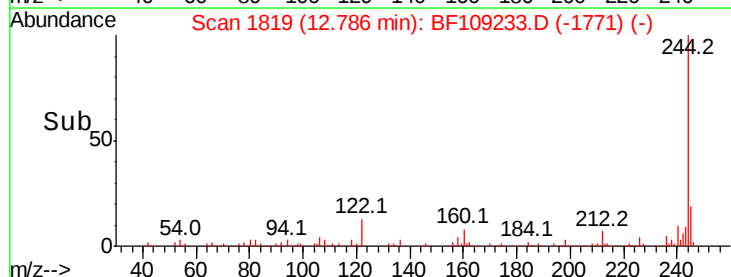
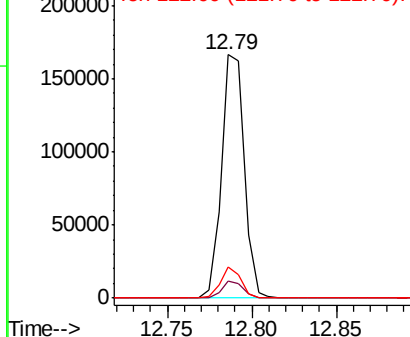
Lab File: BF109233.D

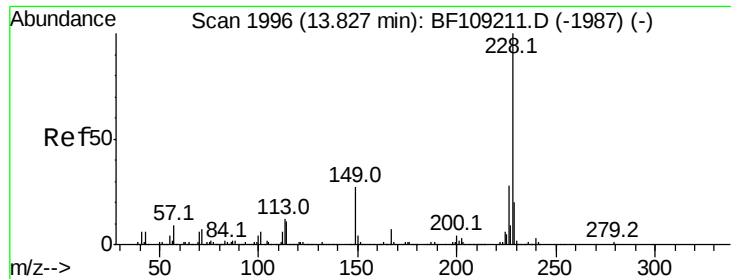
Acq: 22 Sep 2018 20:35

Tgt Ion:244	Resp:	156210
Ion Ratio	Lower	Upper
244 100		
212 6.9	5.4	8.0
122 13.0	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





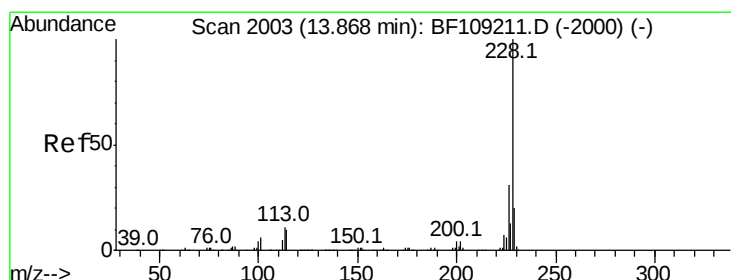
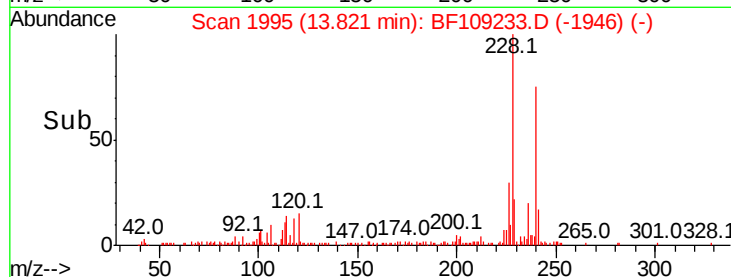
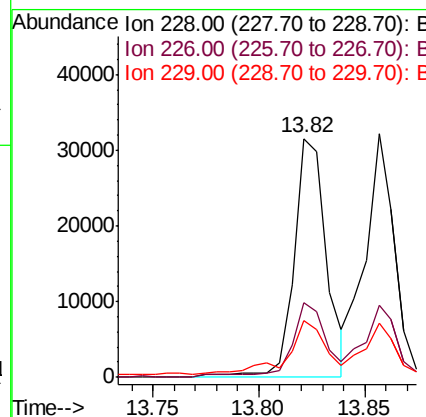
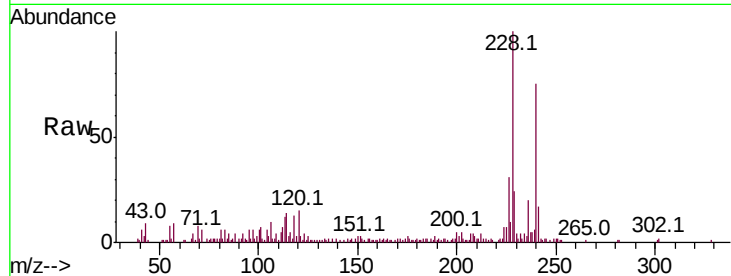
#80
Benzo(a)anthracene
Concen: 2.229 ng m
RT: 13.82 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF109233.D
Acq: 22 Sep 2018 20:35

Instrument :
BNA_F
ClientSampleId :
PL-03-092018-C

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	22.6	33.8
229	23.8	15.8	23.6

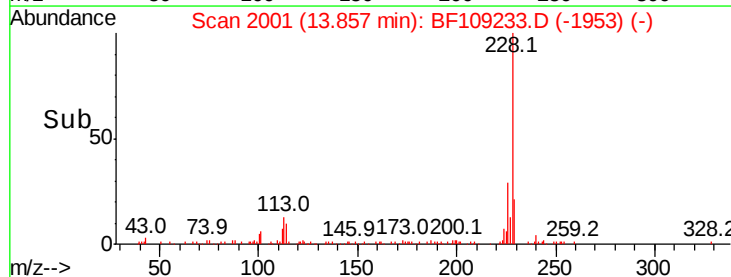
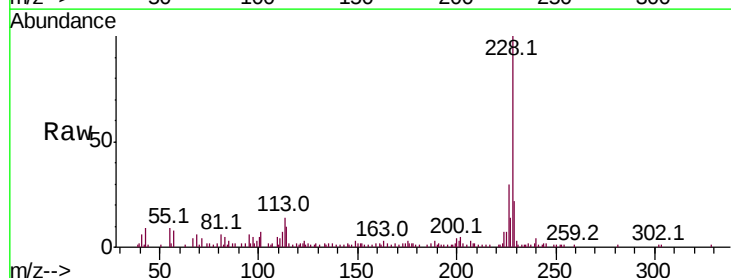
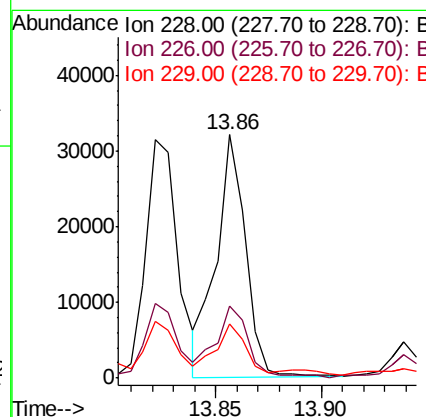
Manual Integrations
APPROVED

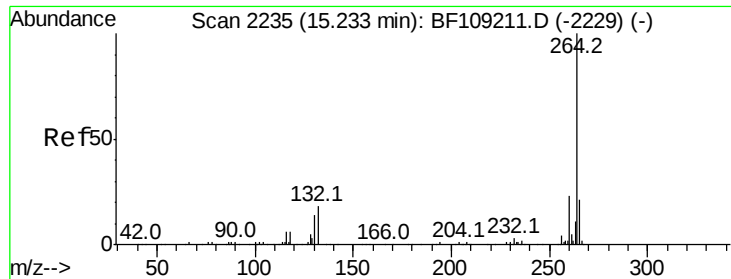
Sohil
9/24/2018 11:39:01 AM



#82
Chrysene
Concen: 2.073 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.02 min
Lab File: BF109233.D
Acq: 22 Sep 2018 20:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.6
229	22.5	16.2	24.4





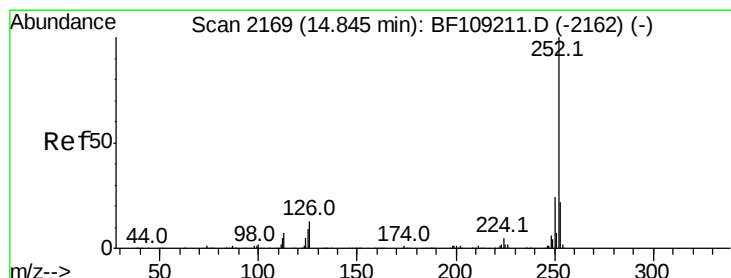
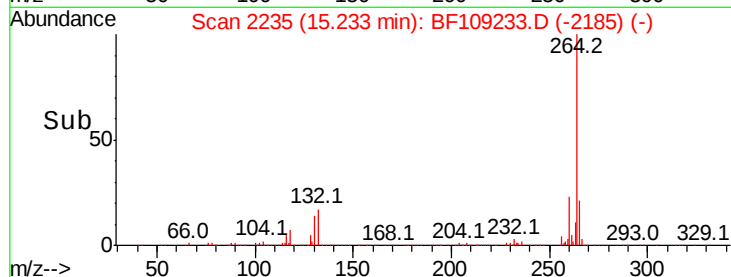
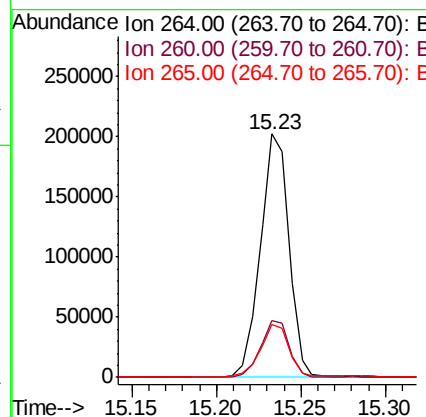
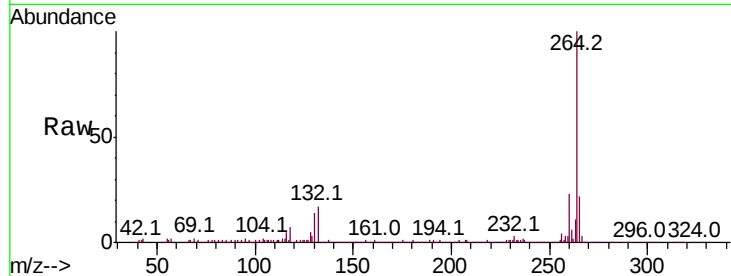
#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. -0.01 min
 Lab File: BF109233.D
 Acq: 22 Sep 2018 20:35

Instrument :
 BNA_F
 ClientSampleId :
 PL-03-092018-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.5	17.5	26.3

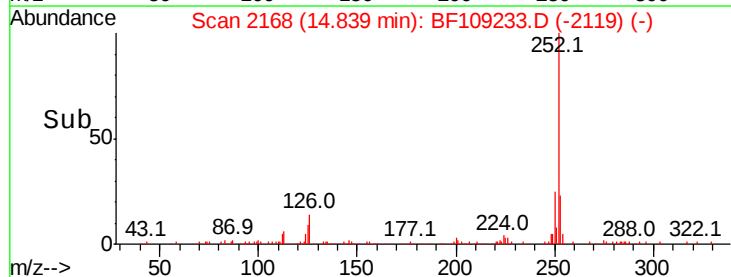
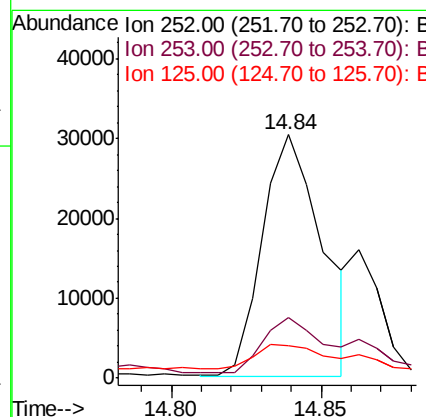
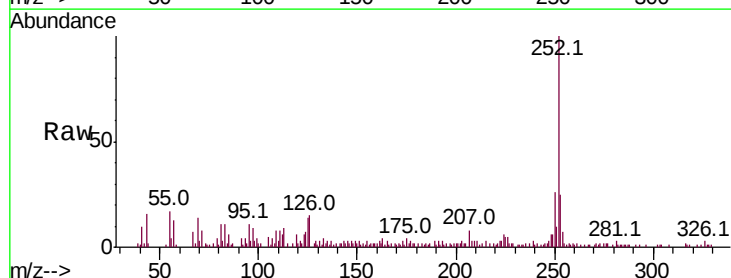
Manual Integrations
 APPROVED

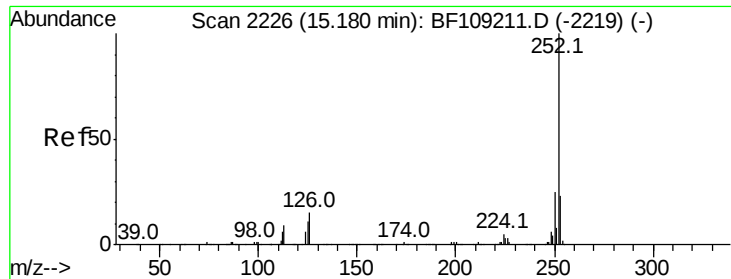
Sohil
 9/24/2018 11:39:01 AM



#87
 Benzo(b)fluoranthene
 Concen: 3.211 ng m
 RT: 14.84 min Scan# 2168
 Delta R.T. -0.01 min
 Lab File: BF109233.D
 Acq: 22 Sep 2018 20:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.0	25.6
125	13.6	9.0	13.6





#89

Benzo(a)pyrene

Concen: 2.345 ng

RT: 15.17 min Scan# 2225

Delta R.T. -0.01 min

Lab File: BF109233.D

Acq: 22 Sep 2018 20:35

Instrument :

BNA_F

ClientSampleId :

PL-03-092018-C

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.1	25.7
125	15.7	9.8	14.6

Manual Integrations
APPROVED

Sohil

9/24/2018 11:39:01 AM

