

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
 Data File : BF109237.D
 Acq On : 22 Sep 2018 22:22
 Operator : JU/SJ
 Sample : J4777-19 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Sep 24 07:57:28 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	117926	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	442888	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	187935	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	286964	20.00	ng	0.00
75) Chrysene-d12	13.83	240	235785	20.00	ng	-0.01
86) Perylene-d12	15.23	264	198605	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	397708	55.55	ng	0.00
7) Phenol-d6	6.34	99	505233	55.30	ng	-0.02
23) Nitrobenzene-d5	7.26	82	305815	40.76	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	88994	48.04	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	557154	44.71	ng	-0.01
78) Terphenyl-d14	12.79	244	367903	38.29	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.46	163	156597	11.456	ng	99
74) Fluoranthene	12.42	202	54548	3.562	ng	96
77) Pyrene	12.65	202	49505	2.930	ng	98
82) Chrysene	13.86	228	29403	2.089	ng	99
87) Benzo(b)fluoranthene	14.84	252	34573m	3.168	ng	
89) Benzo(a)pyrene	15.17	252	21785	2.215	ng	# 92

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

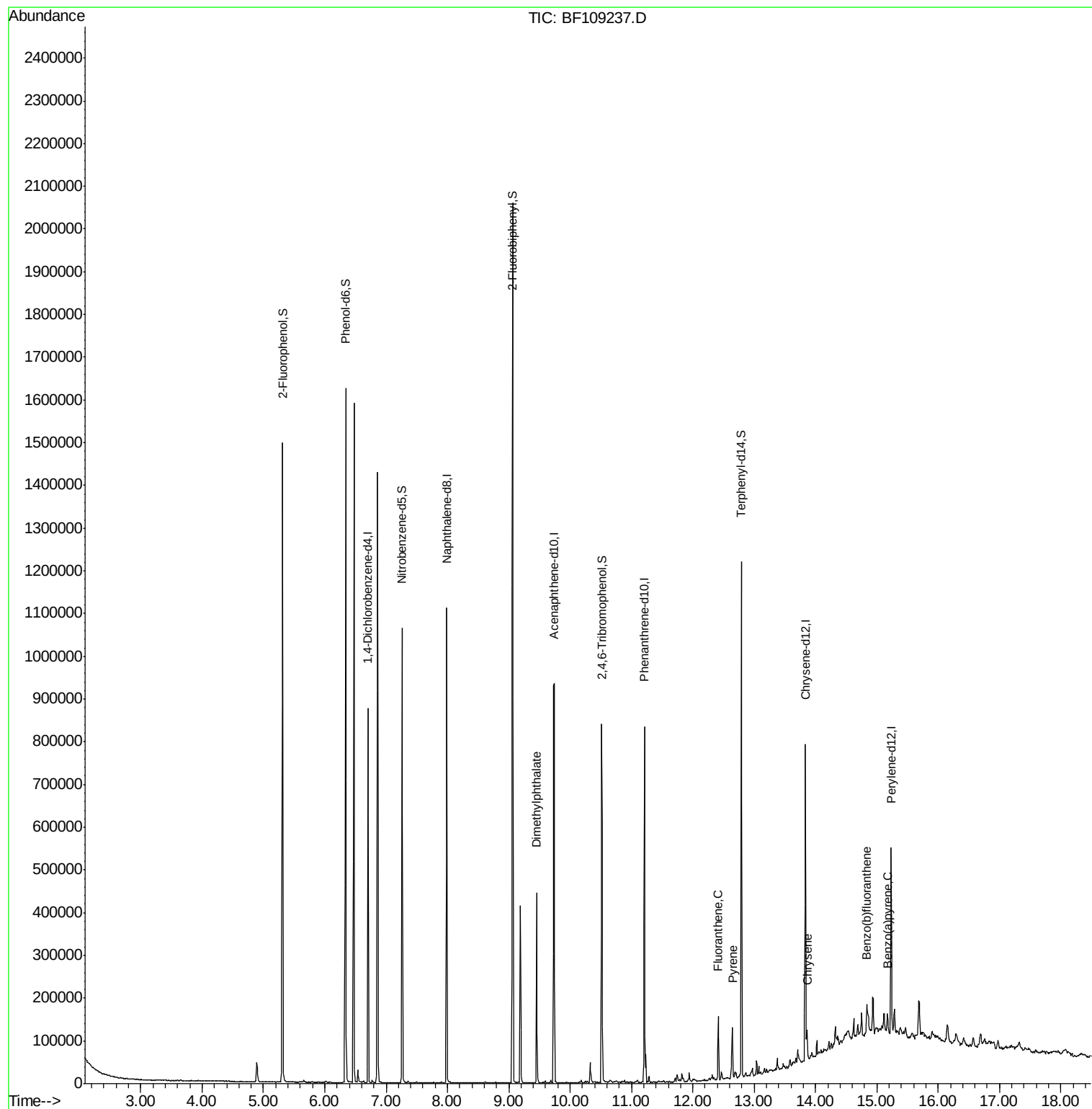
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109237.D
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Operator : JU/SJ
Sample : J4777-19 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

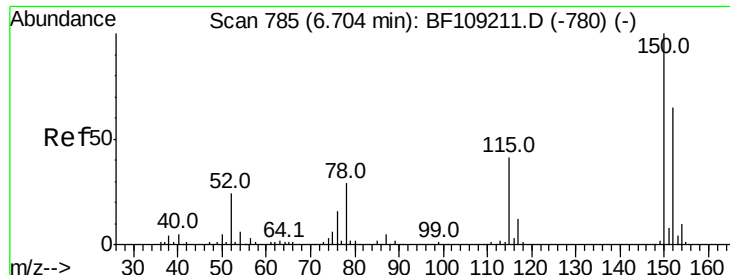
Instrument :
BNA_F
ClientSampleId :
PL-03-092018-A

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#1

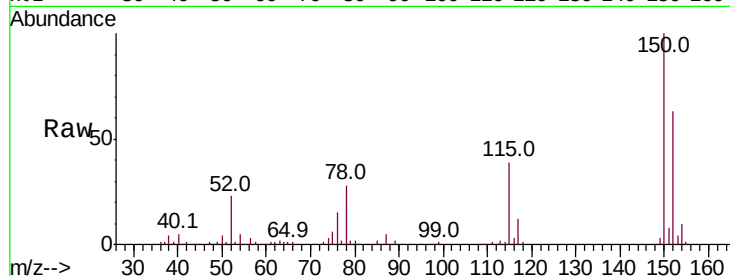
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109237.D
Acq: 22 Sep 2018 22:22

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.6	186.8
115	61.9	50.1	75.1

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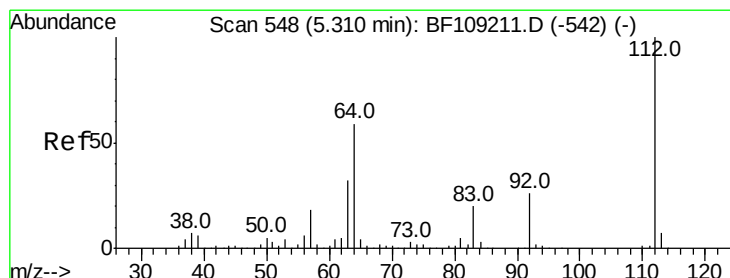
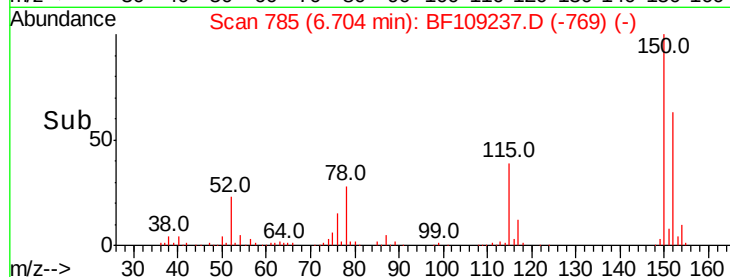
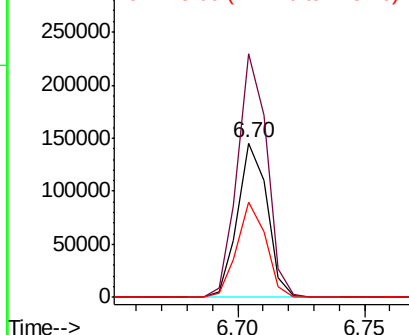


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

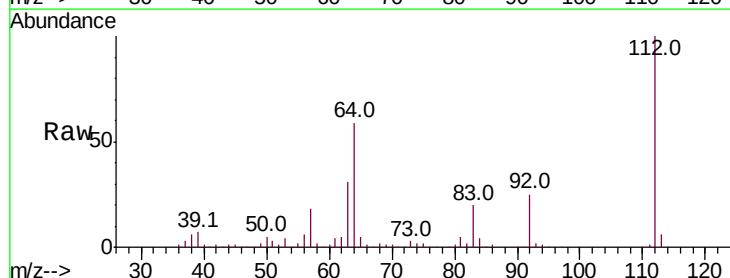
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 55.548 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109237.D
Acq: 22 Sep 2018 22:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.9	71.9
63	31.3	23.7	35.5

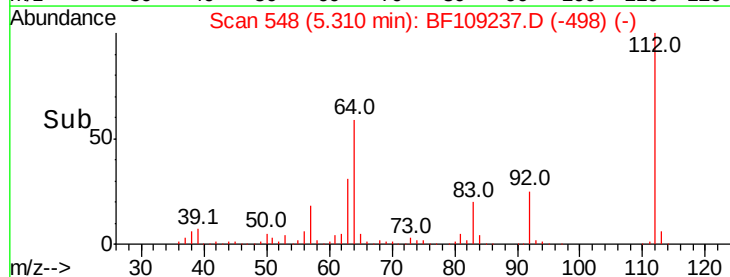
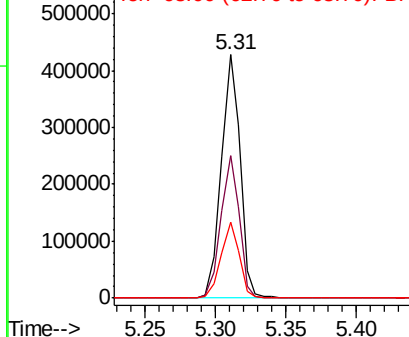


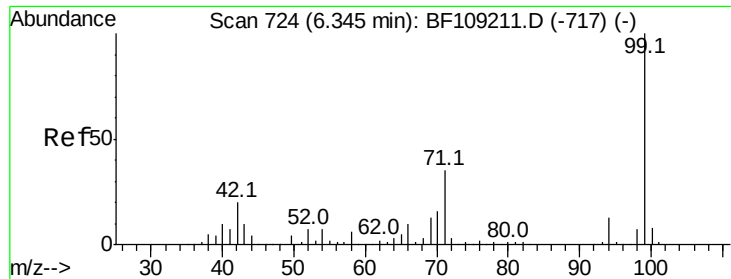
Abundance

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: 55.301 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109237.D

Acq: 22 Sep 2018 22:22

Instrument :

BNA_F

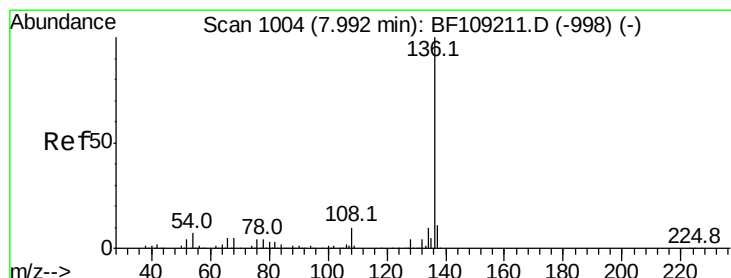
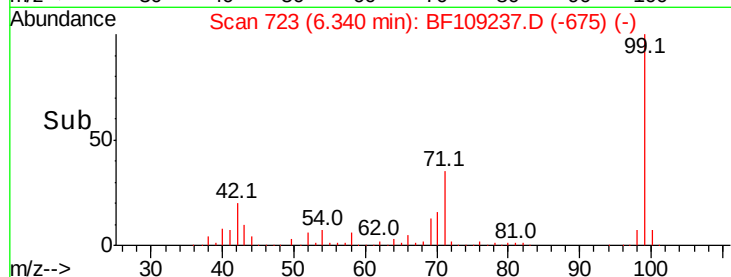
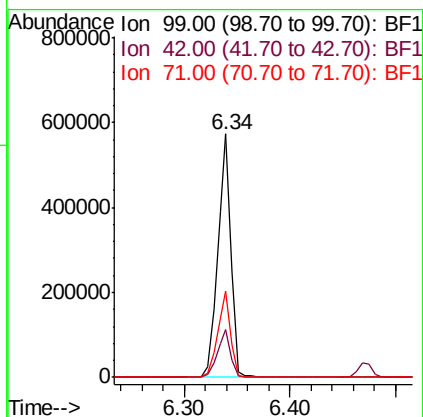
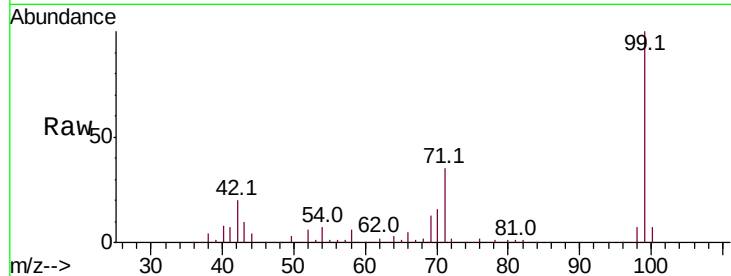
ClientSampled :

PL-03-092018-A

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		505233		
42	19.6	14.5	21.7		
71	35.5	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

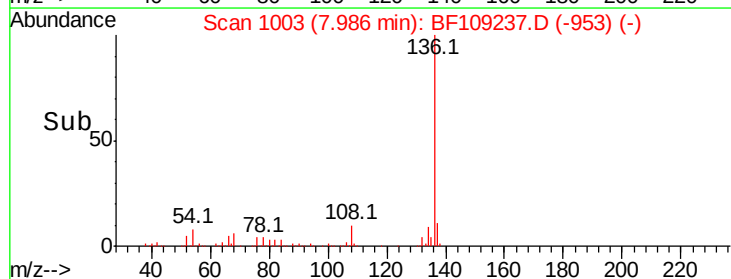
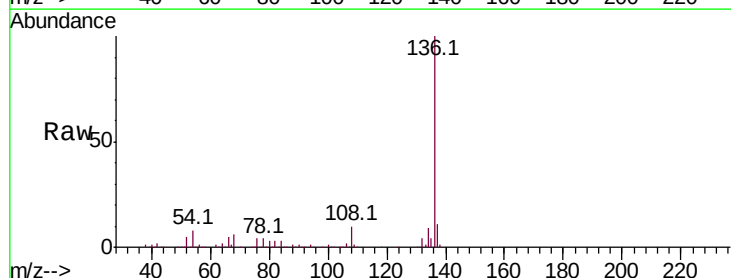
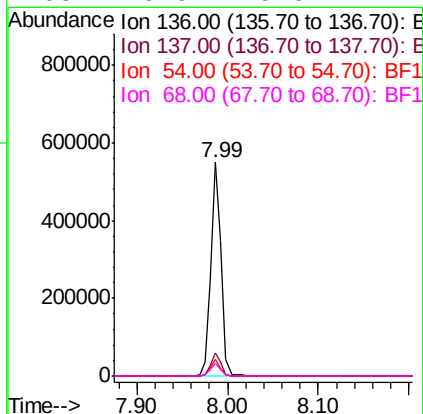
RT: 7.99 min Scan# 1003

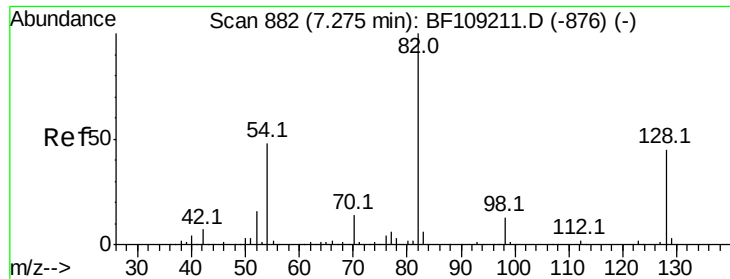
Delta R.T. -0.01 min

Lab File: BF109237.D

Acq: 22 Sep 2018 22:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		442888		
137	10.9	8.9	13.3		
54	7.6	6.6	9.8		
68	5.9	5.0	7.4		





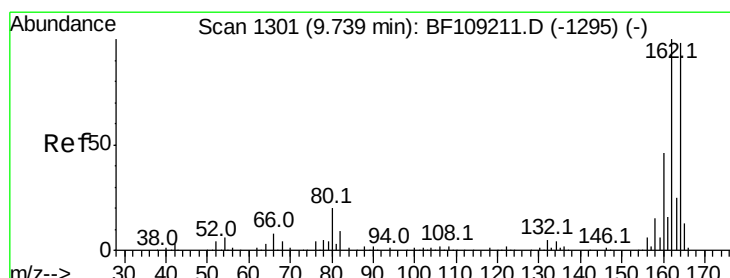
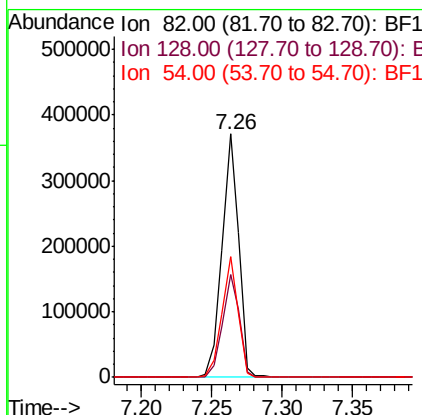
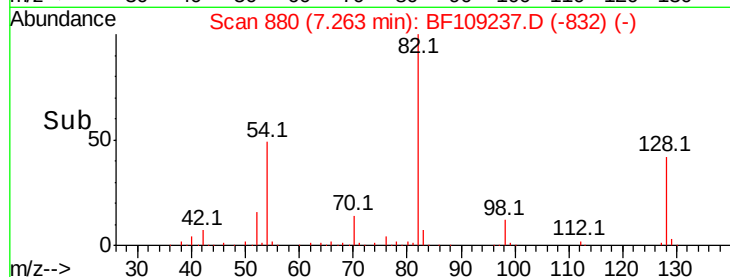
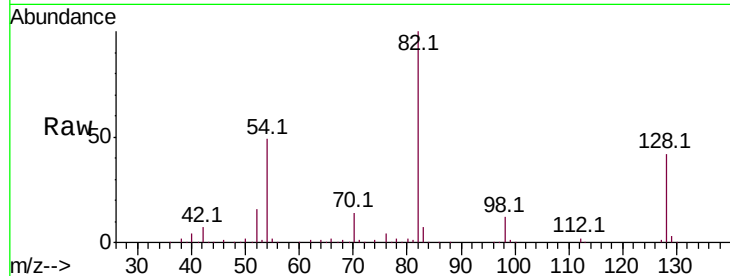
#23
 Nitrobenzene-d5
 Concen: 40.761 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF109237.D
 Acq: 22 Sep 2018 22:22

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

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.0	36.1	54.1	
54	49.4	41.4	62.2	

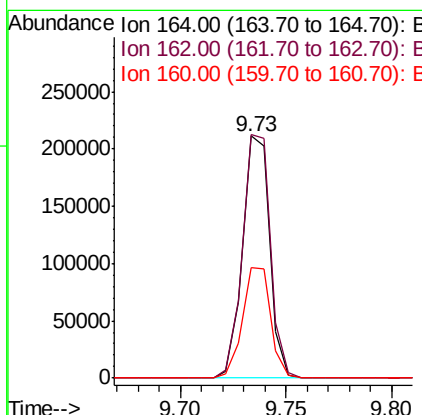
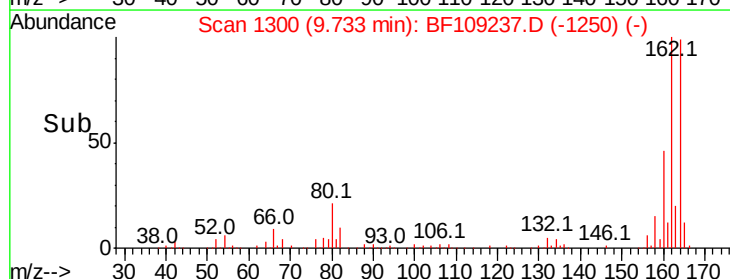
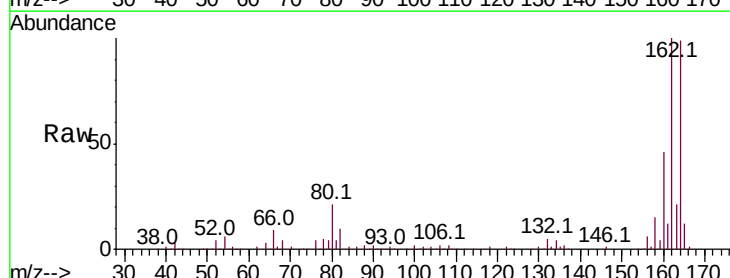
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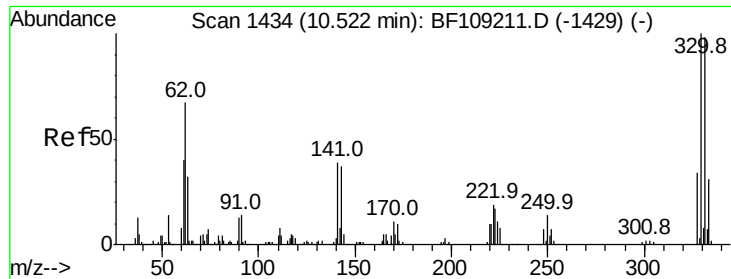
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109237.D
 Acq: 22 Sep 2018 22:22

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.6	86.1	129.1	
160	45.8	38.3	57.5	





#41

2,4,6-Tribromophenol

Concen: 48.036 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.02 min

Lab File: BF109237.D

Acq: 22 Sep 2018 22:22

Instrument :

BNA_F

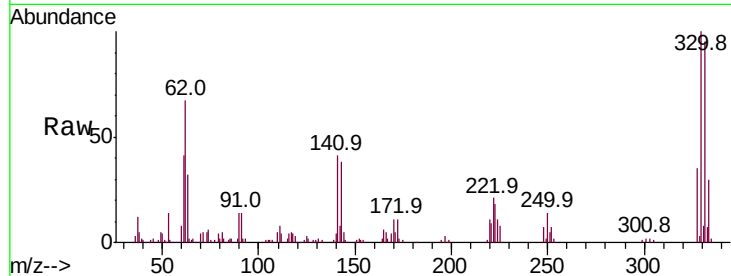
ClientSampleId :

PL-03-092018-A

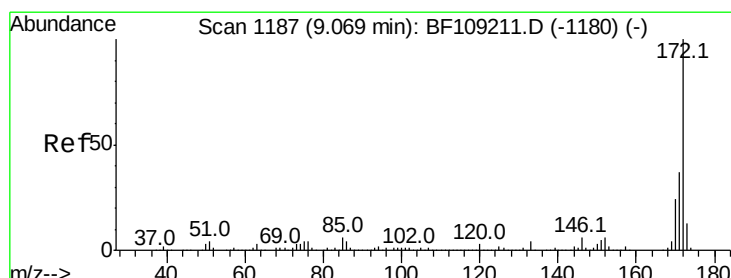
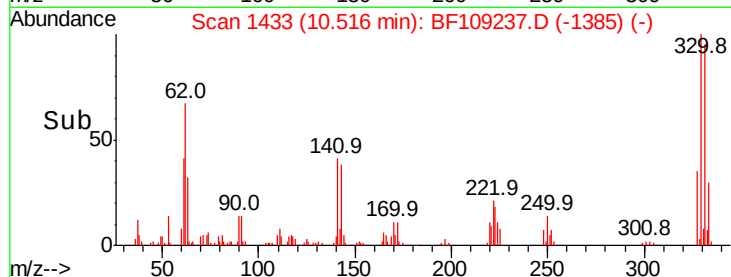
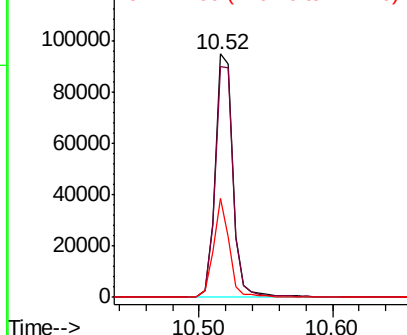
Tot Ion:	330	Resp:	88994
Ion Ratio	Lower	Upper	
330	100		
332	97.5	77.0	115.6
141	35.8	29.9	44.9

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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: 44.712 ng

RT: 9.06 min Scan# 1186

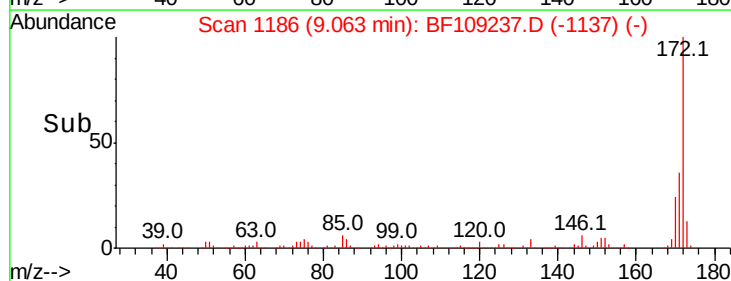
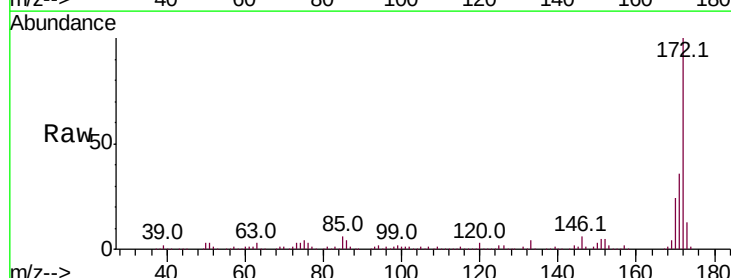
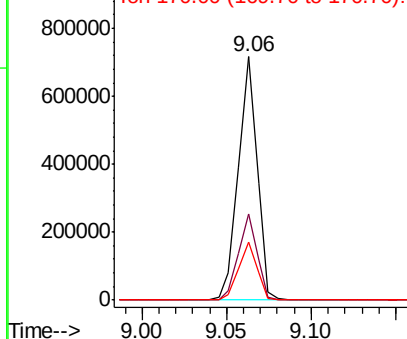
Delta R.T. -0.01 min

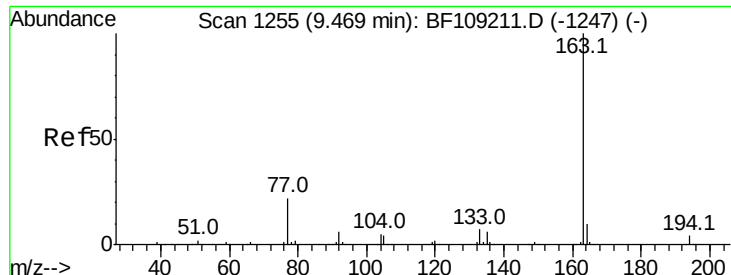
Lab File: BF109237.D

Acq: 22 Sep 2018 22:22

Tgt Ion:	172	Resp:	557154
Ion Ratio	Lower	Upper	
172	100		
171	35.6	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





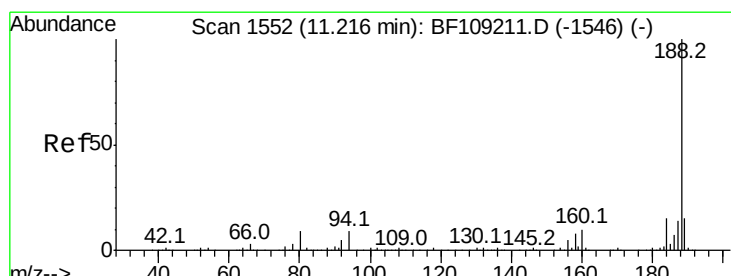
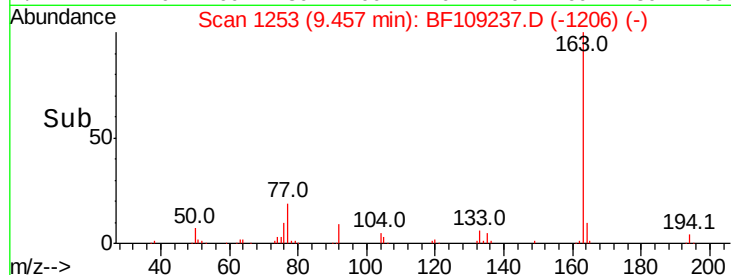
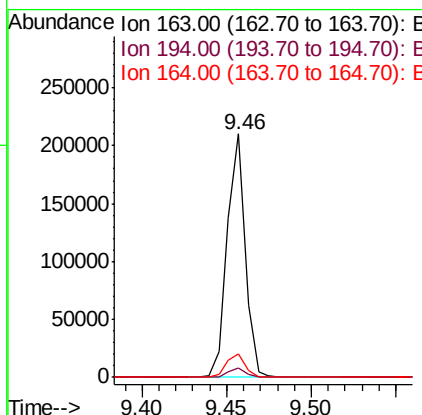
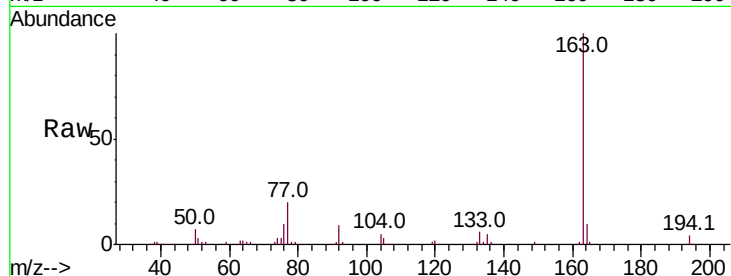
#49
Dimethylphthalate
Concen: 11.456 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109237.D
Acq: 22 Sep 2018 22:22

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

Tot Ion	Ratio	Resp	Lower	Upper
163	100	156597		
194	3.9	2.7	4.1	
164	9.7	8.2	12.2	

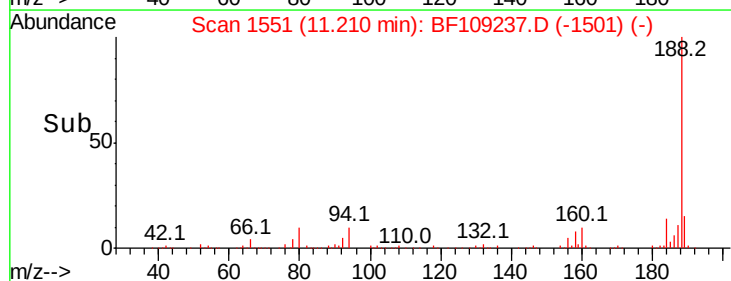
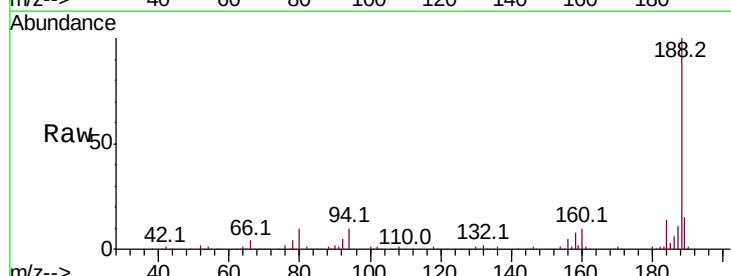
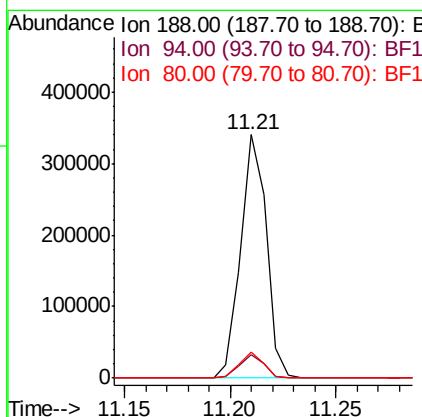
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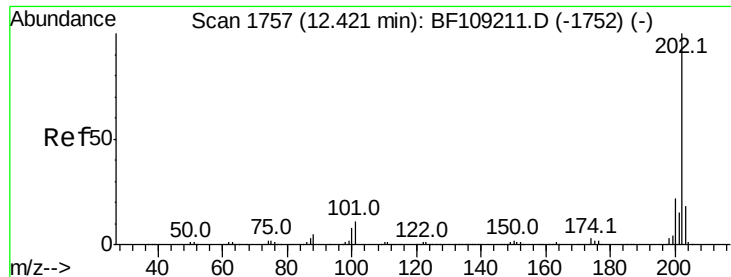
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109237.D
Acq: 22 Sep 2018 22:22

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	286964		
94	9.7	8.5	12.7	
80	10.5	9.2	13.8	





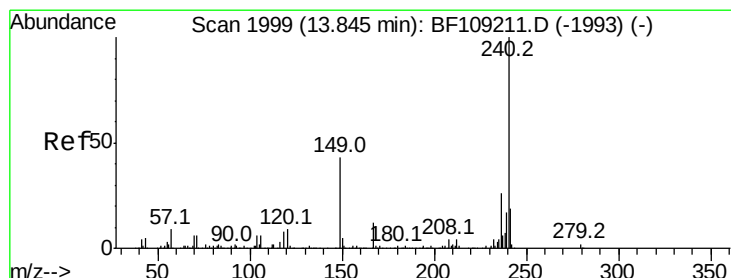
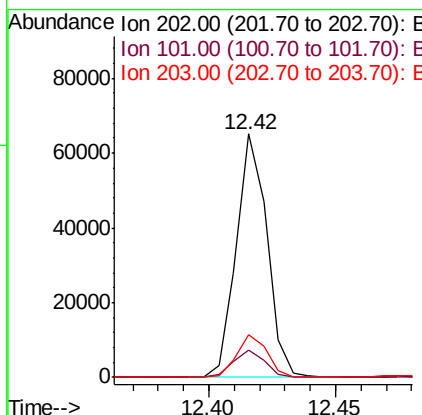
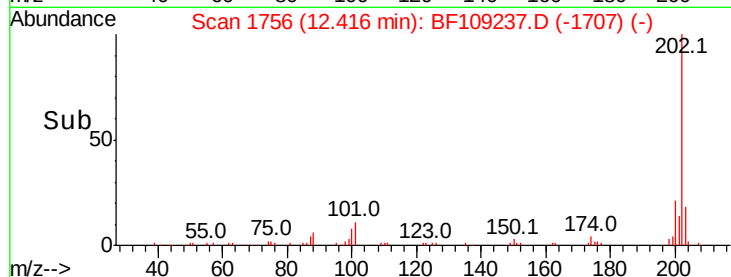
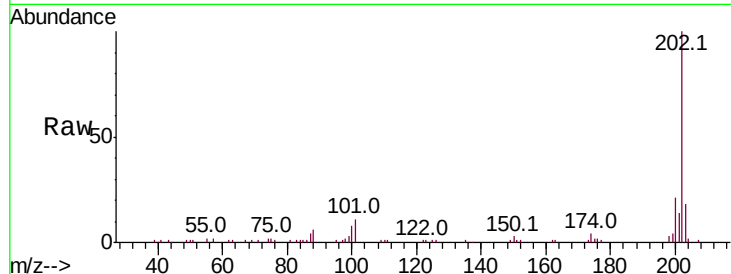
#74
 Fluoranthene
 Concen: 3.562 ng
 RT: 12.42 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BF109237.D
 Acq: 22 Sep 2018 22:22

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

Tot Ion	Ratio	Resp	Lower	Upper
202	100	54548		
101	11.0	0.0	34.1	
203	17.7	0.0	38.1	

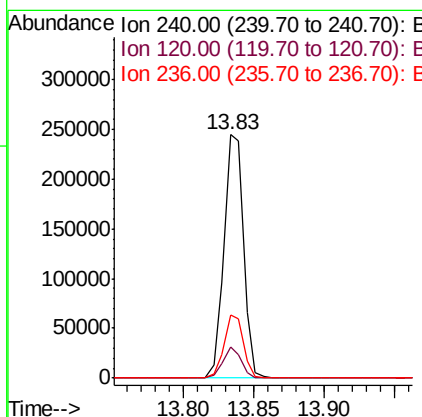
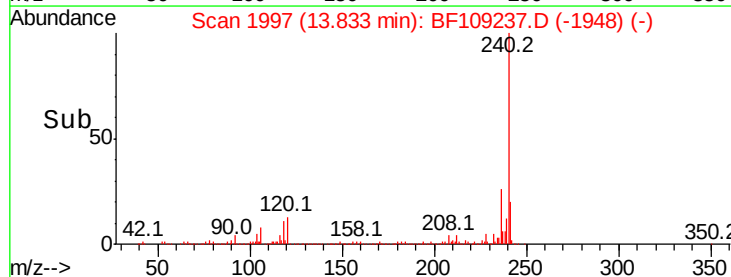
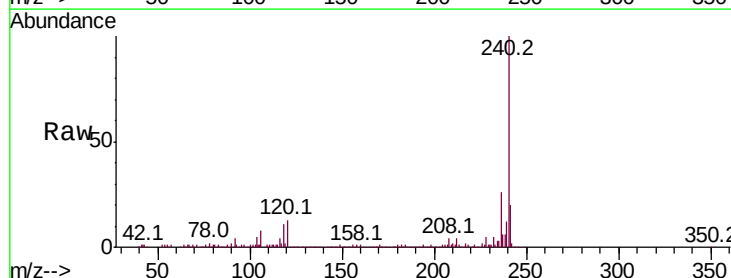
Manual Integrations
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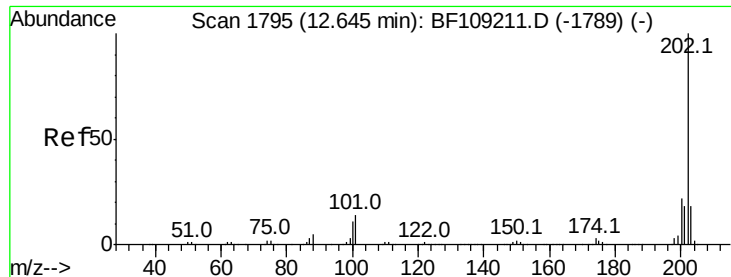
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#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF109237.D
 Acq: 22 Sep 2018 22:22

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	235785		
120	13.0	9.5	14.3	
236	26.0	20.7	31.1	





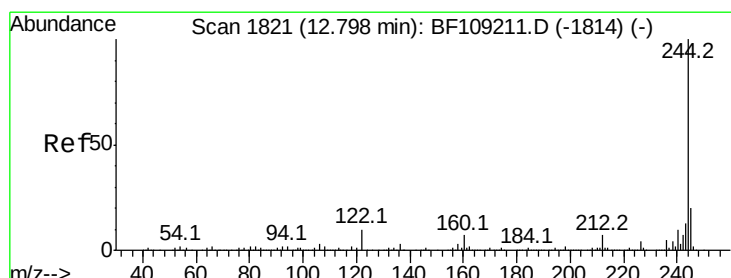
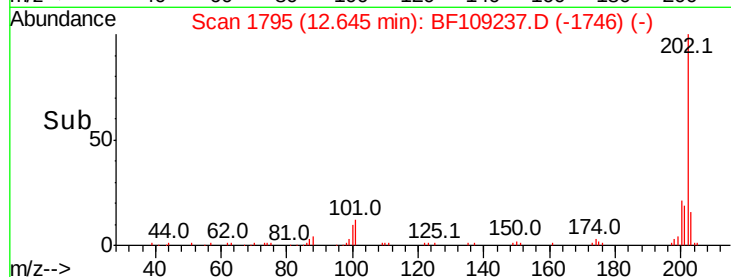
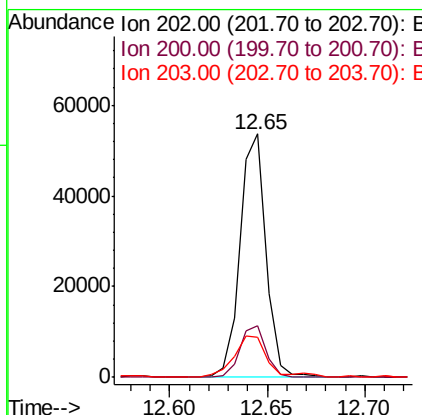
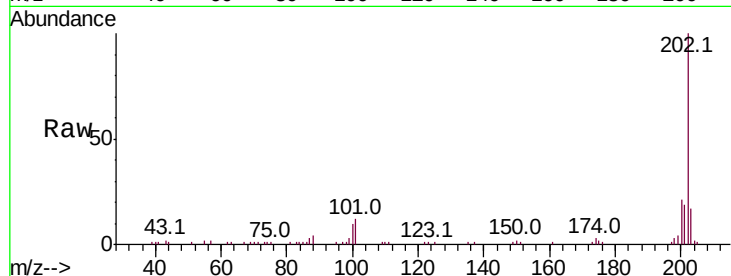
#77
Pvrene
Concen: 2.930 ng
RT: 12.65 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF109237.D
Acq: 22 Sep 2018 22:22

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

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.3	17.4	26.2
203	16.7	14.3	21.5

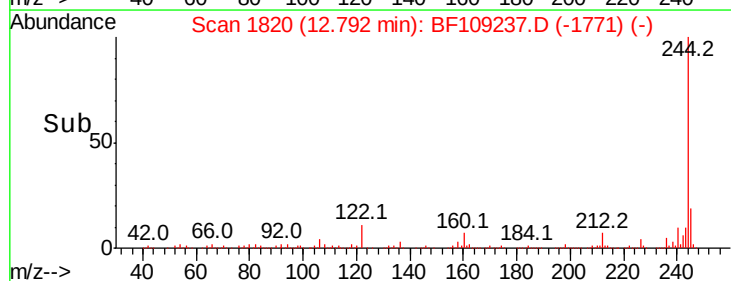
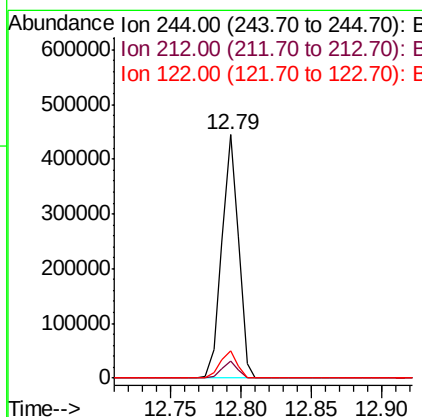
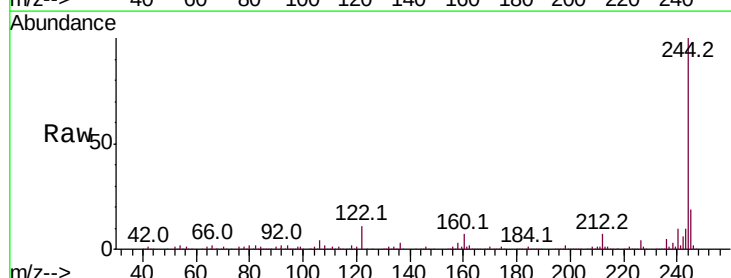
Manual Integrations
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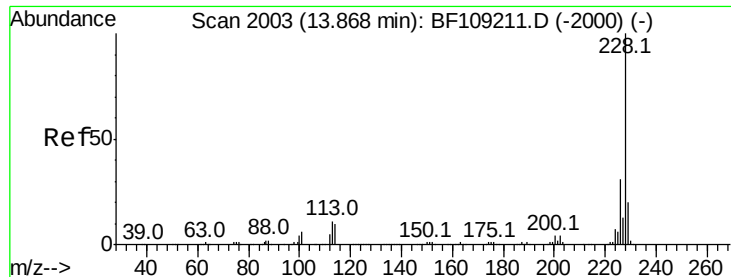
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#78
Terphenyl-d14
Concen: 38.293 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF109237.D
Acq: 22 Sep 2018 22:22

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.3	11.0	16.4





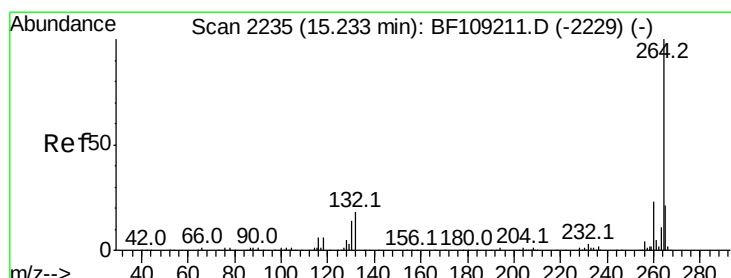
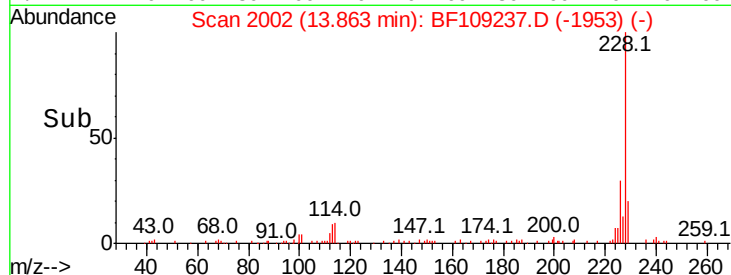
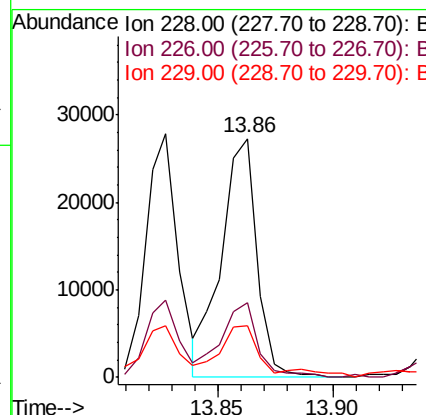
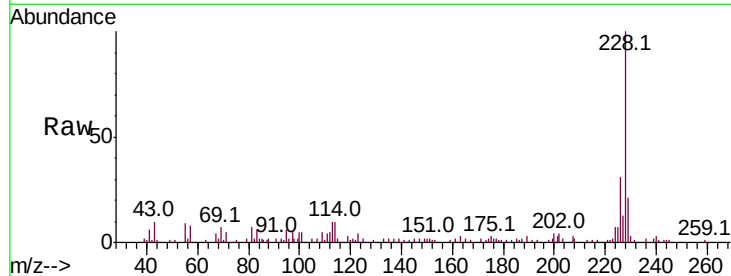
#82
Chrysene
Concen: 2.089 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF109237.D
Acq: 22 Sep 2018 22:22

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

Tot Ion:	228	Resp:	29403
Ion Ratio	Lower	Upper	
228	100		
226	31.0	25.0	37.6
229	21.4	16.2	24.4

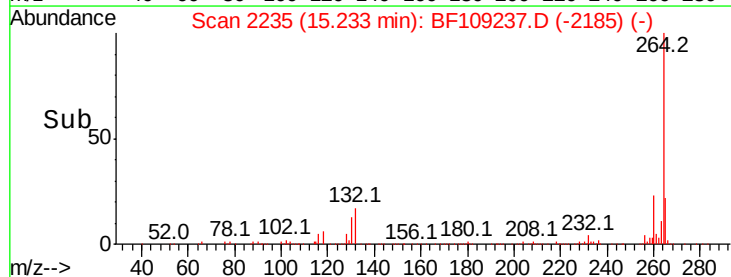
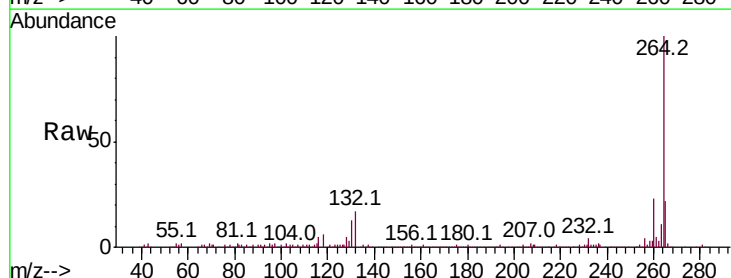
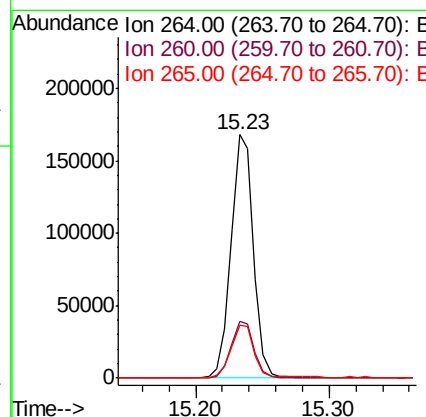
Manual Integrations
APPROVED

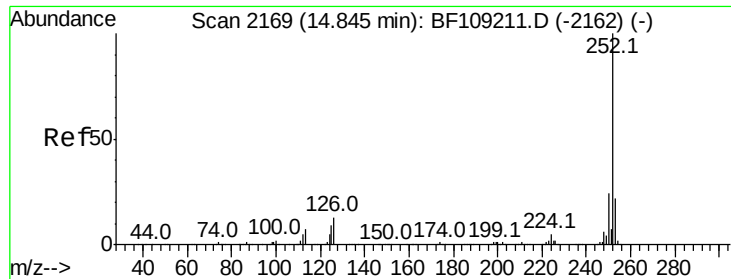
Sohil
9/24/2018 11:39:06 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF109237.D
Acq: 22 Sep 2018 22:22

Tgt Ion:	264	Resp:	198605
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.2	28.8
265	21.7	17.5	26.3





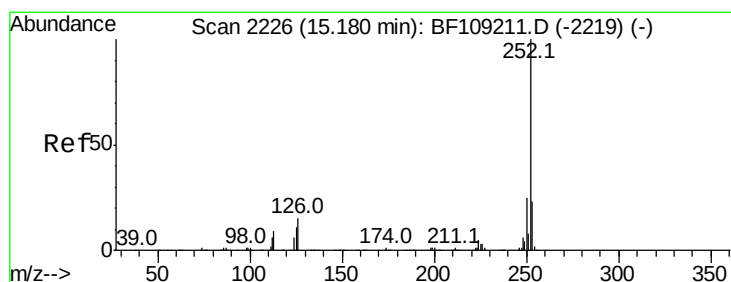
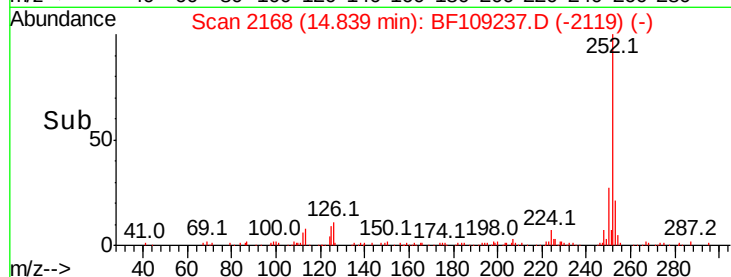
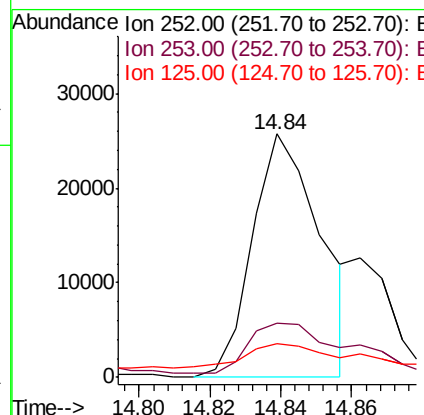
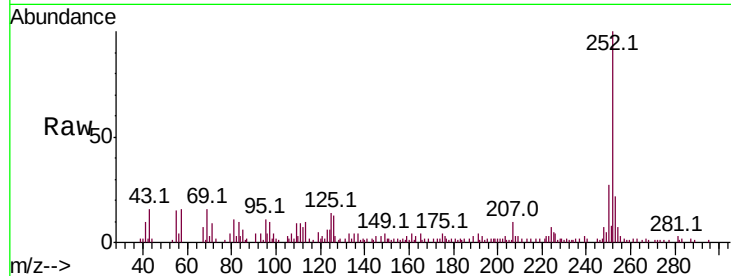
#87
Benzo(b)fluoranthene
Concen: 3.168 ng m
RT: 14.84 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF109237.D
Acq: 22 Sep 2018 22:22

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	14.1	9.0	13.6

Manual Integrations
APPROVED

Sohil
9/24/2018 11:39:06 AM



#89
Benzo(a)pyrene
Concen: 2.215 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BF109237.D
Acq: 22 Sep 2018 22:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.1	25.7
125	17.4	9.8	14.6

