

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
 Data File : BF109239.D
 Acq On : 22 Sep 2018 23:16
 Operator : JU/SJ
 Sample : J4777-21 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

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

Manual Integrations
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Sohil
 9/24/2018 3:53:28 PM

Quant Time: Sep 24 10:54:40 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	115805	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	434752	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	181363	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	282468	20.00	ng	0.00
75) Chrysene-d12	13.84	240	229971	20.00	ng	0.00
86) Perylene-d12	15.24	264	182733	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	387684	55.14	ng	0.00
7) Phenol-d6	6.34	99	494108	55.07	ng	-0.02
23) Nitrobenzene-d5	7.26	82	301549	40.94	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	88668	49.59	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	556116	46.25	ng	-0.01
78) Terphenyl-d14	12.79	244	376066	40.13	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.46	163	148352	11.246	ng	98
70) Phenanthrene	11.23	178	32269	2.288	ng	98
74) Fluoranthene	12.42	202	83697	5.553	ng	97
77) Pyrene	12.64	202	89338	5.420	ng	98
80) Benzo(a)anthracene	13.83	228	44875	3.240	ng	95
82) Chrysene	13.86	228	47026	3.425	ng	95
87) Benzo(b)fluoranthene	14.84	252	49734m	4.953	ng	
89) Benzo(a)pyrene	15.18	252	32756	3.620	ng	# 93
91) Benzo(g,h,i)perylene	16.98	276	19215	2.634	ng	91

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

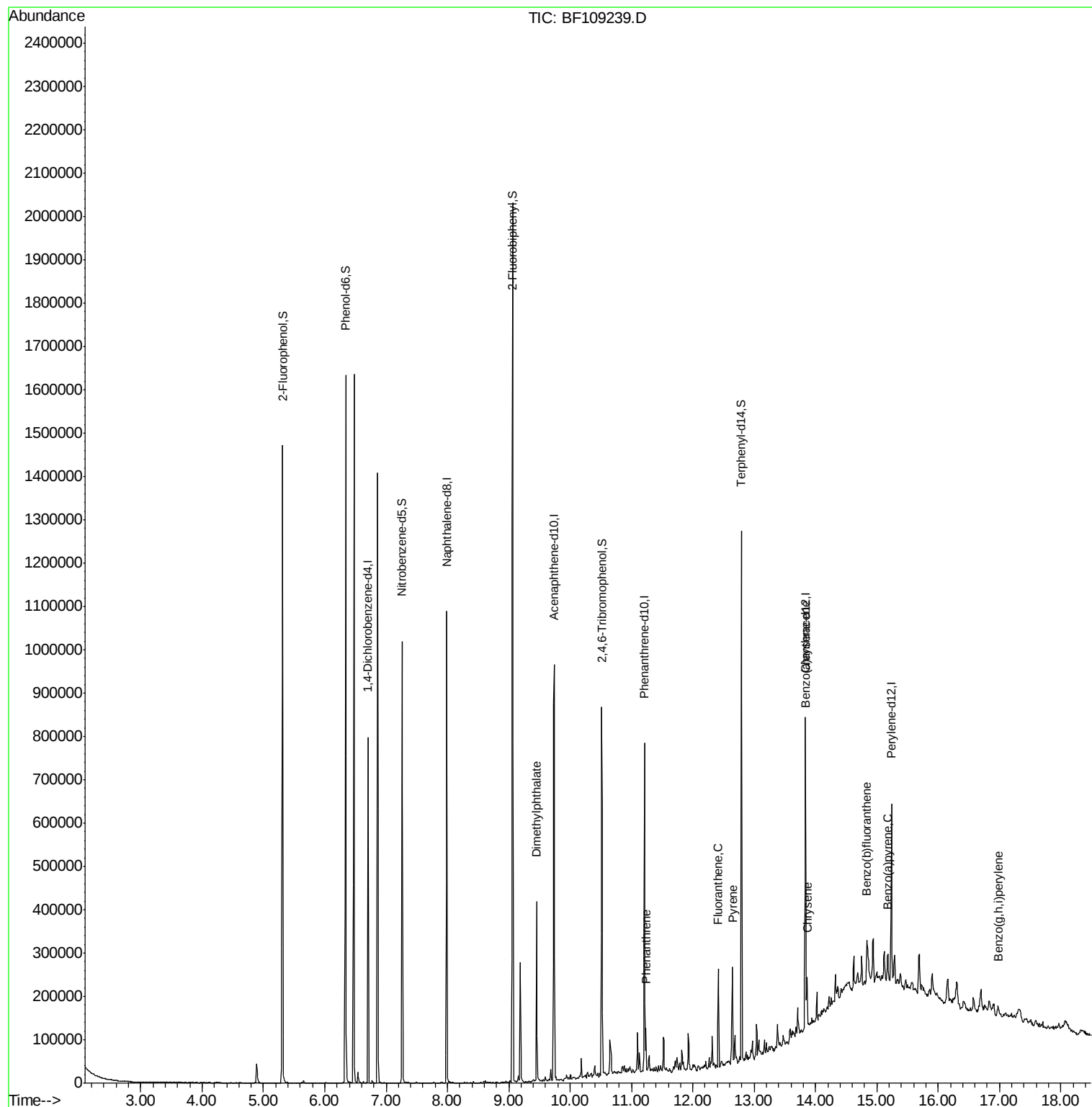
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109239.D
Acq On : 22 Sep 2018 23:16
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Misc :
ALS Vial : 24 Sample Multiplier: 1

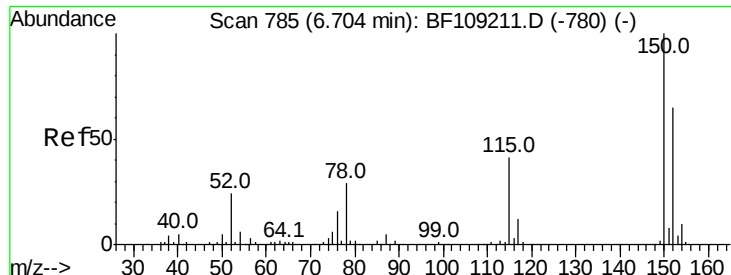
Instrument :
BNA_F
ClientSampleId :
PL-03-092018-B

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

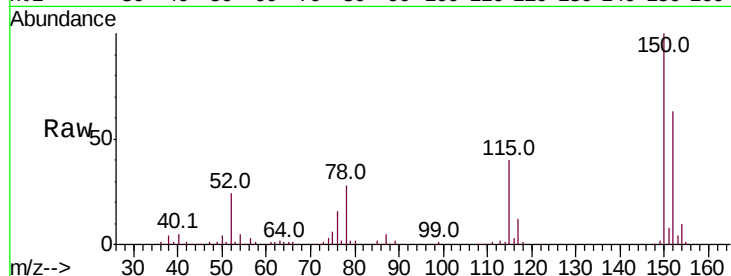
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109239.D
Acq: 22 Sep 2018 23:16

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.6	186.8
115	64.0	50.1	75.1

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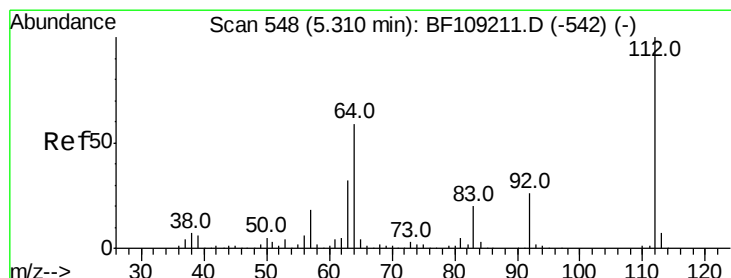
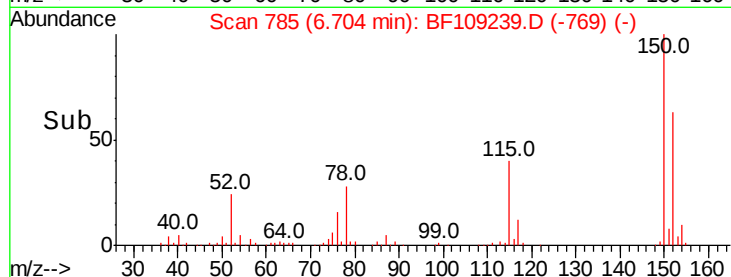
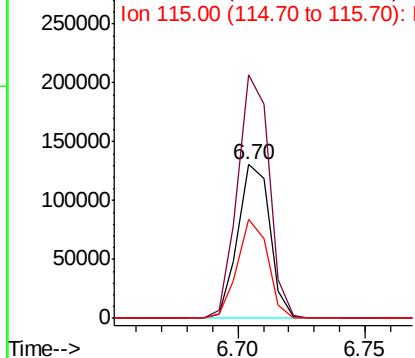


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

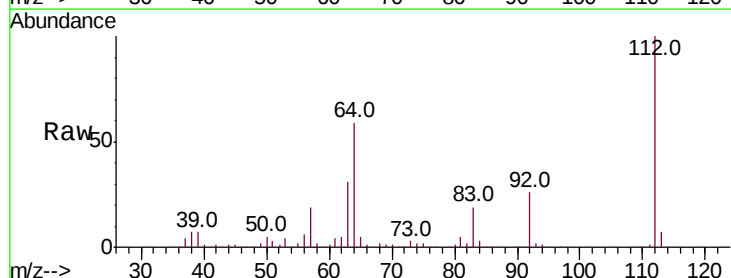
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 55.140 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109239.D
Acq: 22 Sep 2018 23:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	47.9	71.9
63	30.9	23.7	35.5

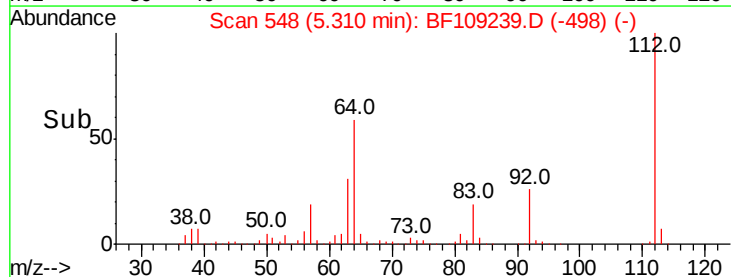
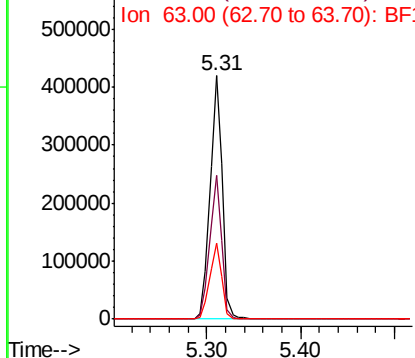


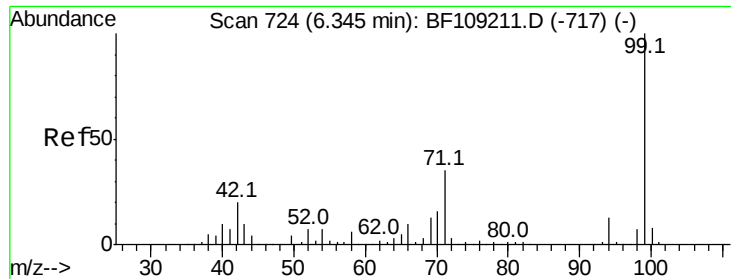
Abundance

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: 55.074 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109239.D

Acq: 22 Sep 2018 23:16

Instrument :

BNA_F

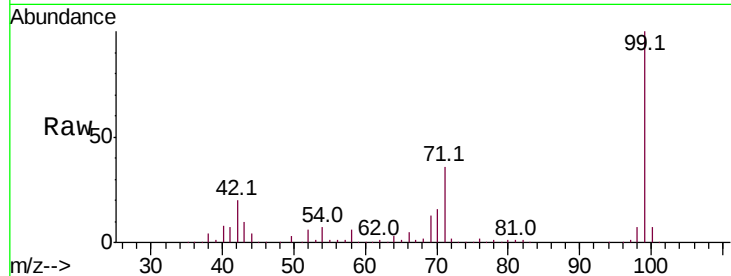
ClientSampled :

PL-03-092018-B

Tot Ion	Ratio	Resp	Lower	Upper
99	100	494108		
42	19.6	14.5	21.7	
71	35.7	25.4	38.0	

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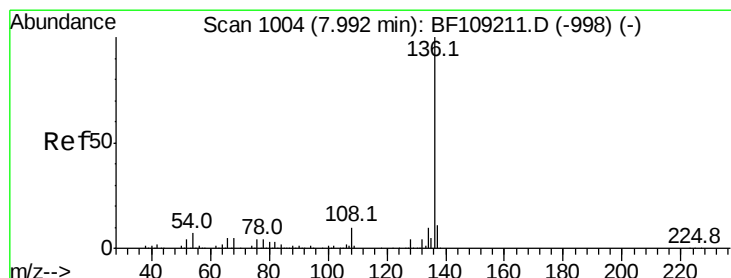
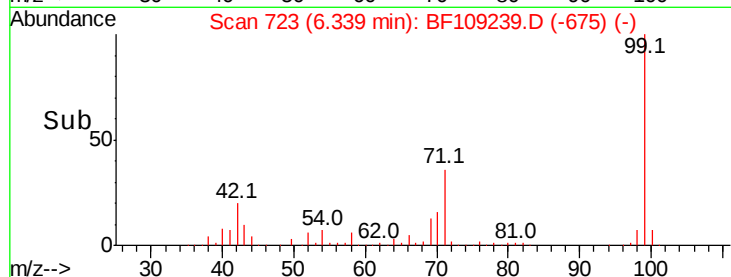
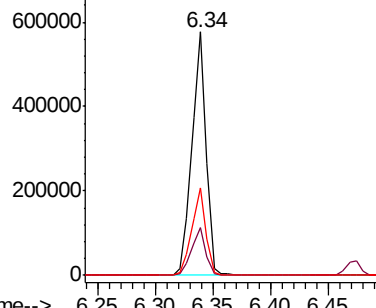


Abundance

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: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109239.D

Acq: 22 Sep 2018 23:16

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	434752		
137	11.0	8.9	13.3	
54	7.4	6.6	9.8	
68	5.9	5.0	7.4	

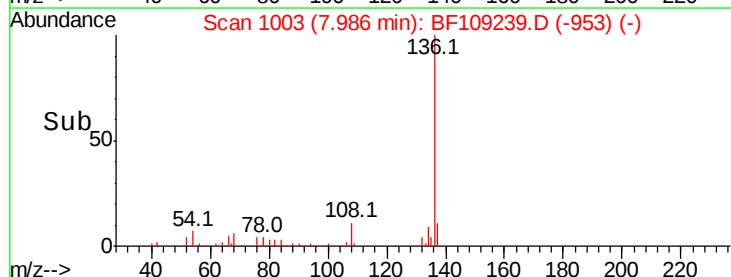
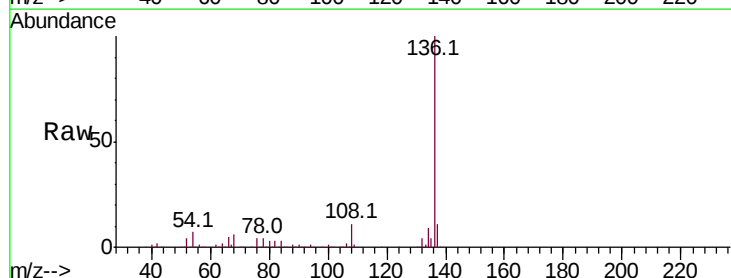
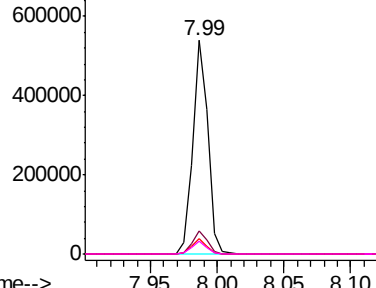
Abundance

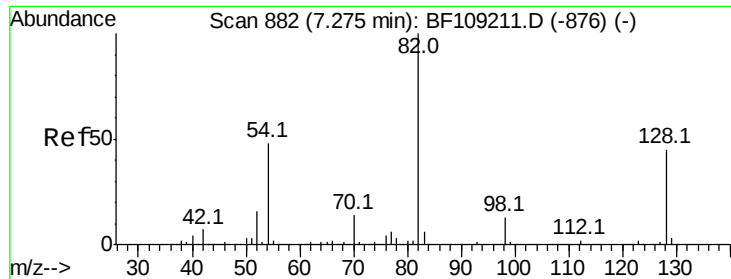
Ion 136.00 (135.70 to 136.70): E

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





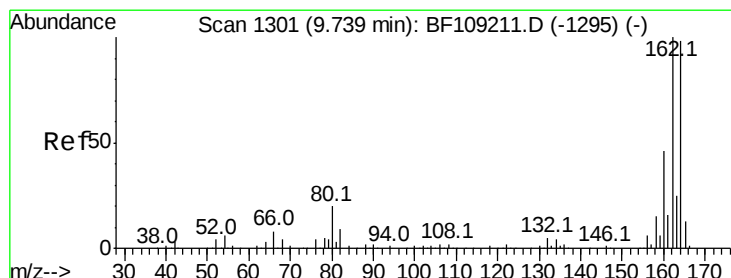
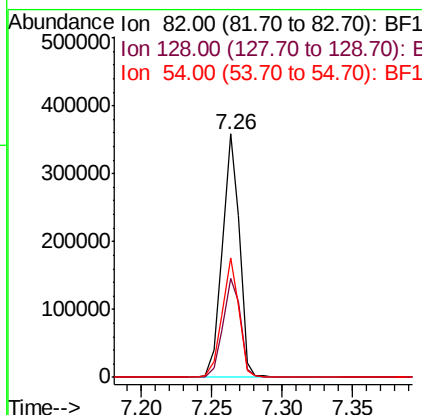
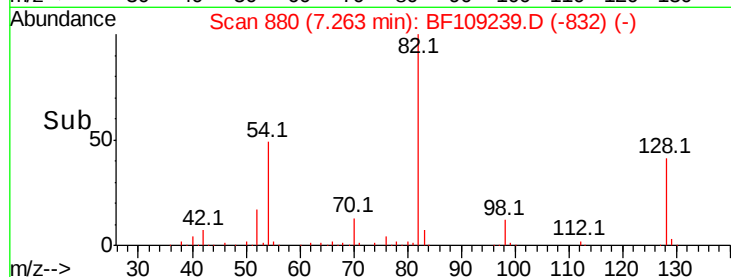
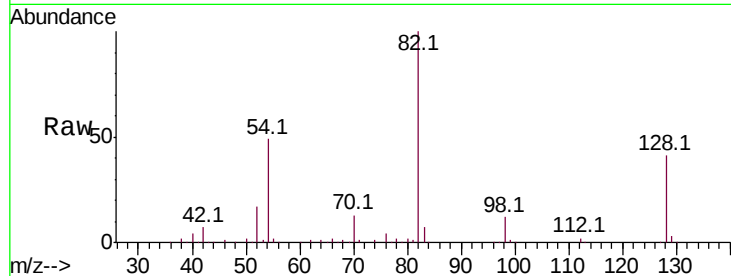
#23
Nitrobenzene-d5
Concen: 40.945 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109239.D
Acq: 22 Sep 2018 23:16

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

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	40.7	36.1	54.1	
54	48.9	41.4	62.2	

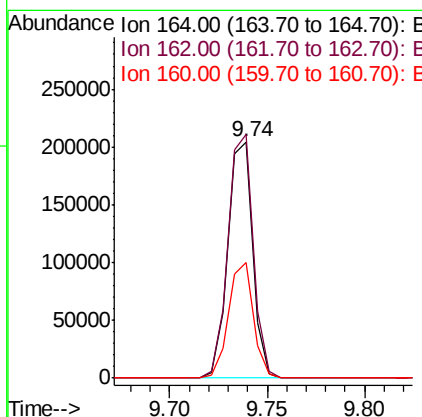
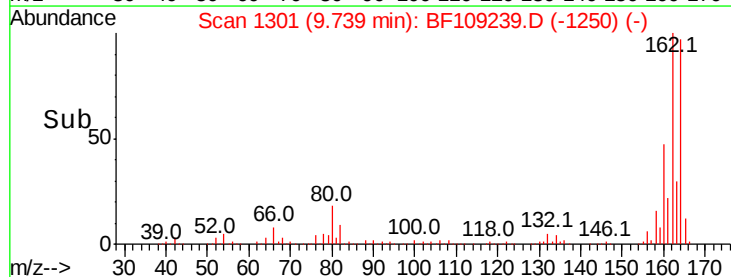
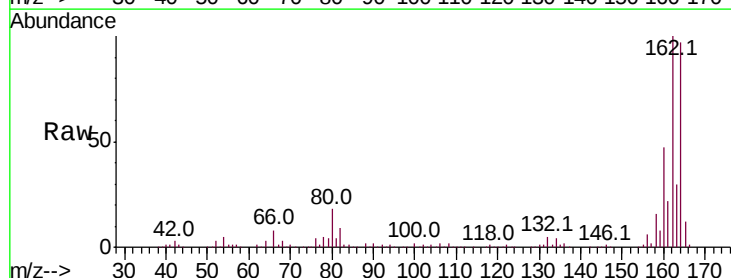
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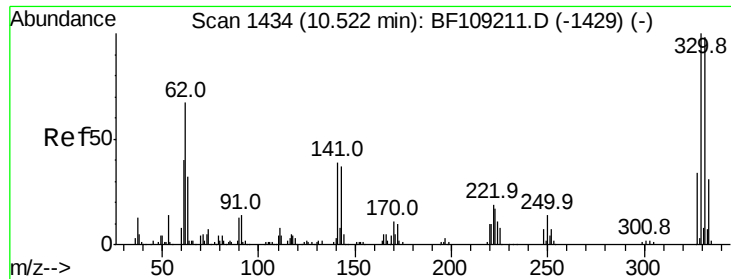
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF109239.D
Acq: 22 Sep 2018 23:16

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.1	86.1	129.1	
160	48.8	38.3	57.5	





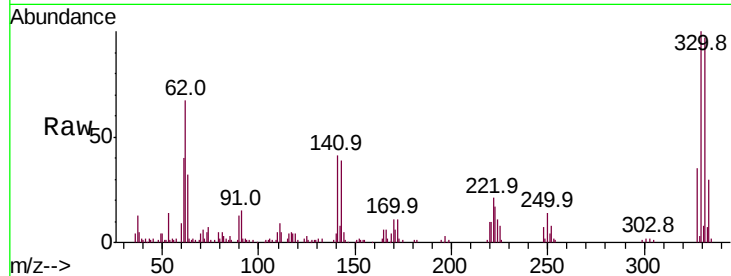
#41
 2,4,6-Tribromophenol
 Concen: 49.594 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF109239.D
 Acq: 22 Sep 2018 23:16

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

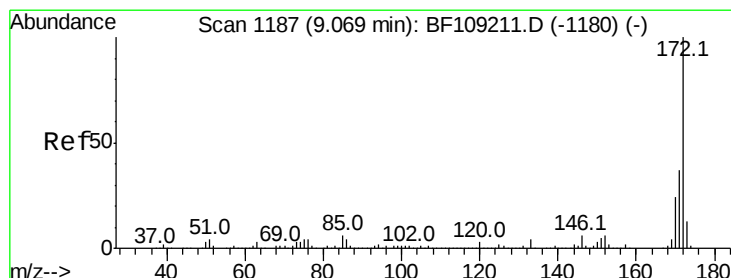
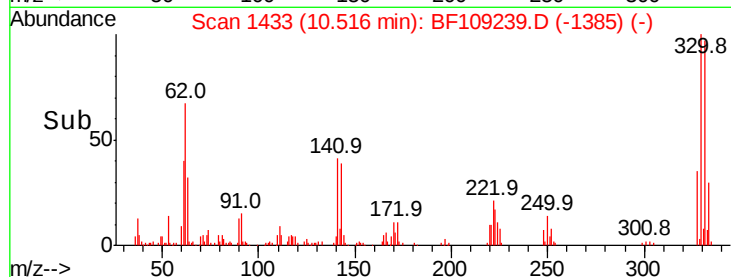
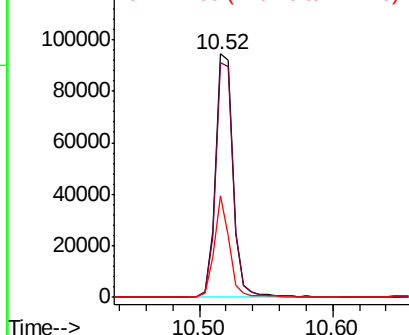
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	36.0	29.9	44.9

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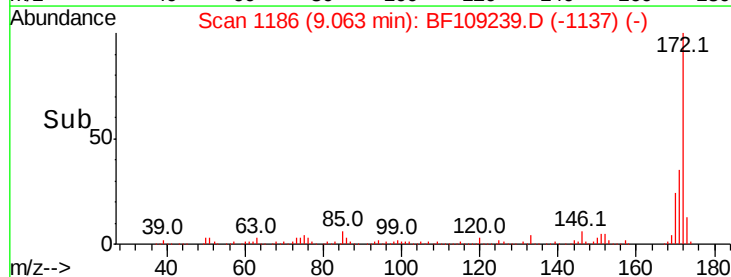
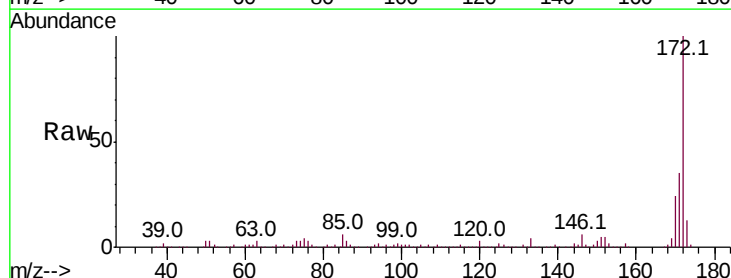
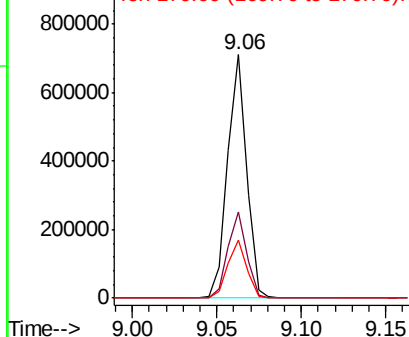
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

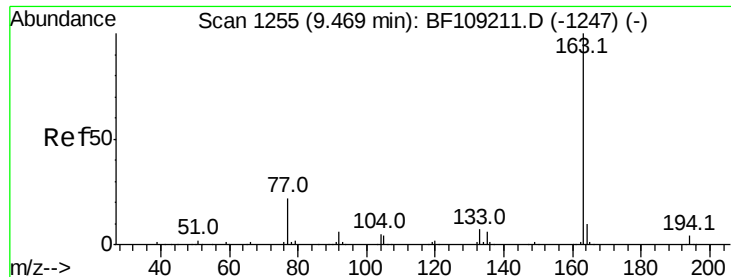


#44
 2-Fluorobiphenyl
 Concen: 46.246 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109239.D
 Acq: 22 Sep 2018 23:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	24.0	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





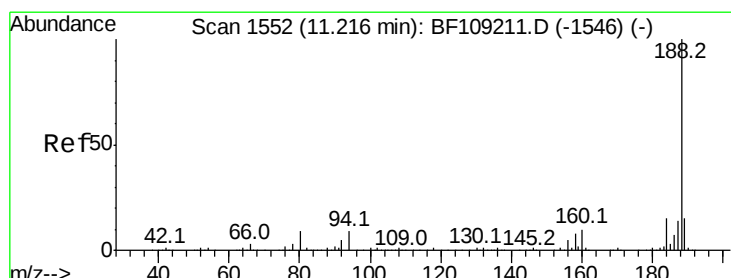
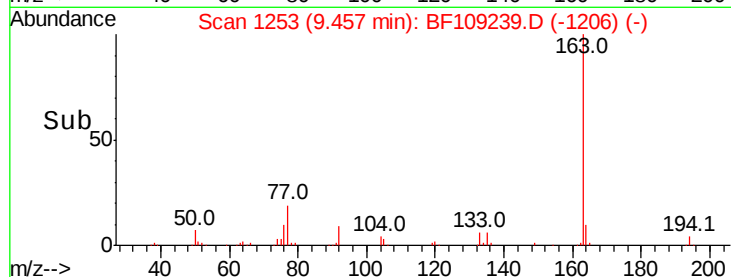
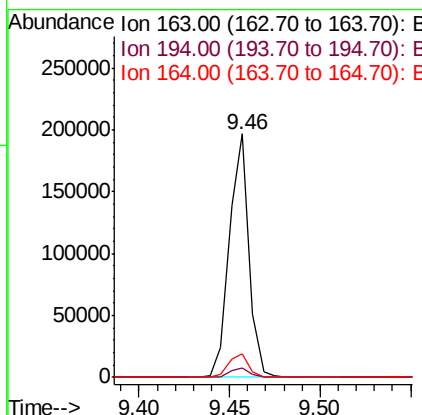
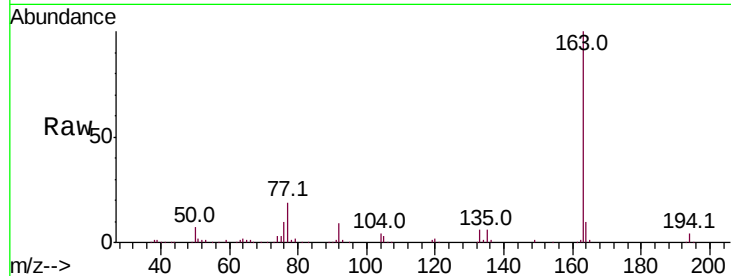
#49
Dimethylphthalate
Concen: 11.246 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109239.D
Acq: 22 Sep 2018 23:16

Instrument :
BNA_F
ClientSampleID :
PL-03-092018-B

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.9	2.7	4.1	
164	9.5	8.2	12.2	

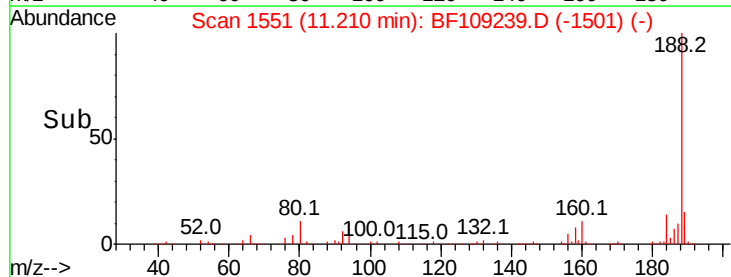
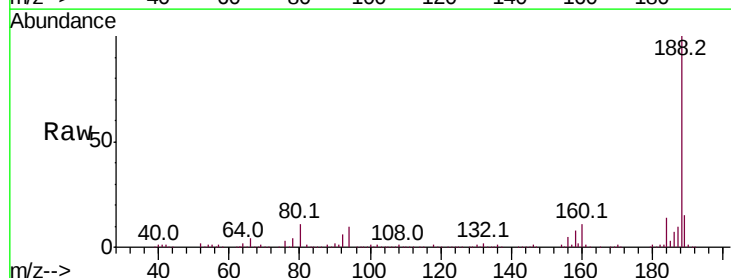
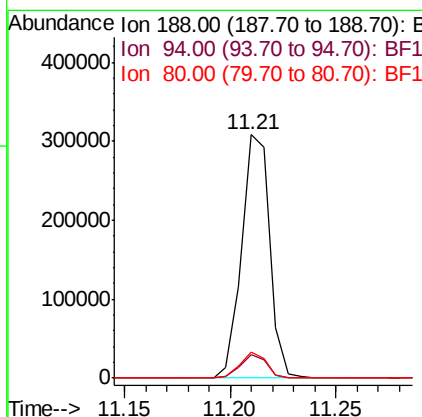
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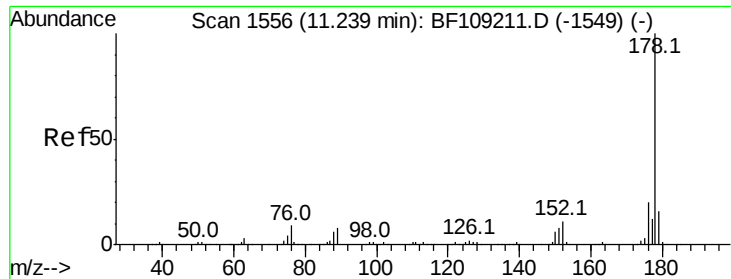
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109239.D
Acq: 22 Sep 2018 23:16

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.8	8.5	12.7	
80	10.9	9.2	13.8	





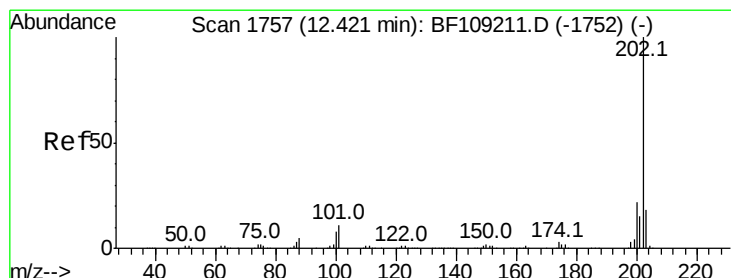
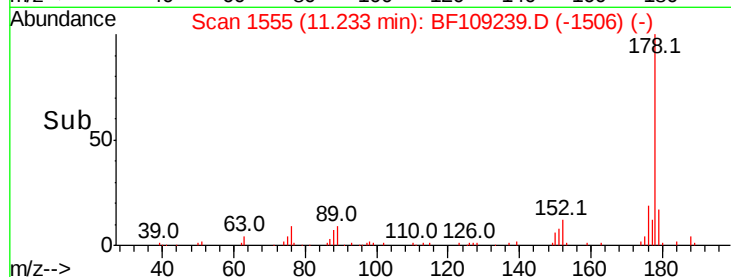
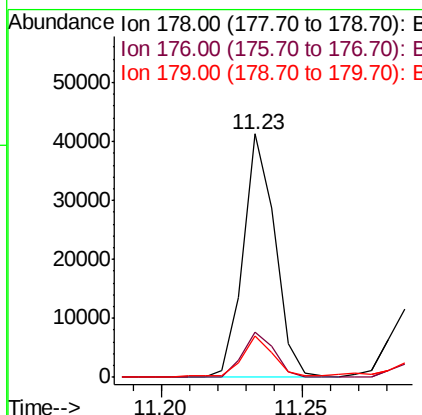
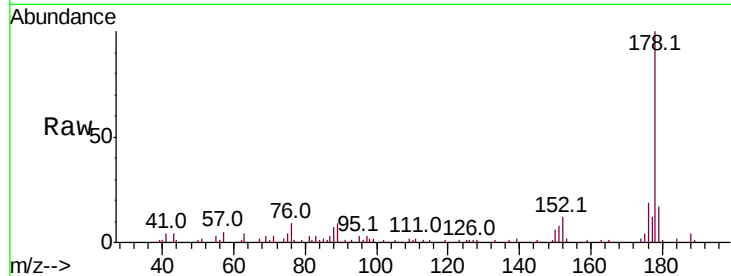
#70
Phenanthrene
Concen: 2.288 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF109239.D
Acq: 22 Sep 2018 23:16

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	16.7	13.0	19.6

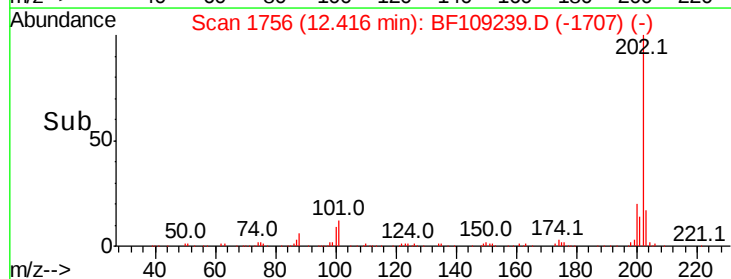
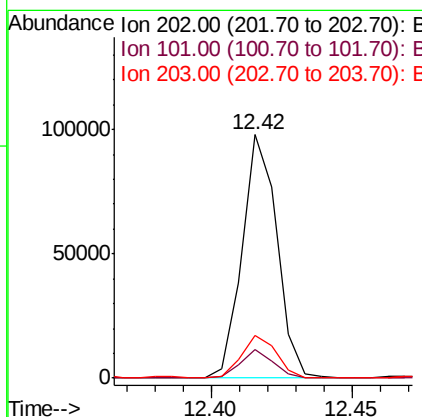
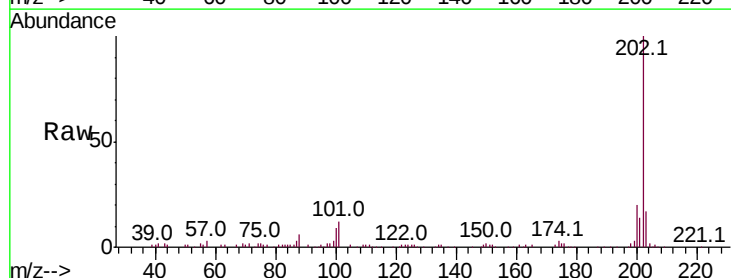
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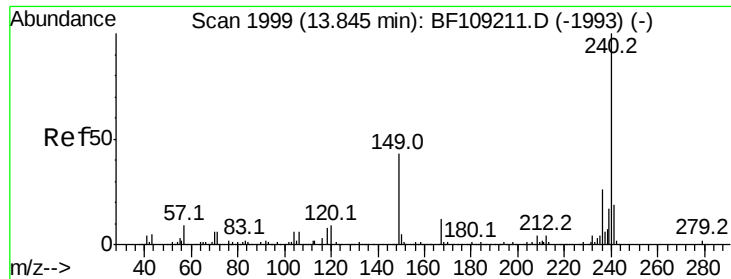
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#74
Fluoranthene
Concen: 5.553 ng
RT: 12.42 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BF109239.D
Acq: 22 Sep 2018 23:16

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	34.1
203	17.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109239.D

Acq: 22 Sep 2018 23:16

Instrument :

BNA_F

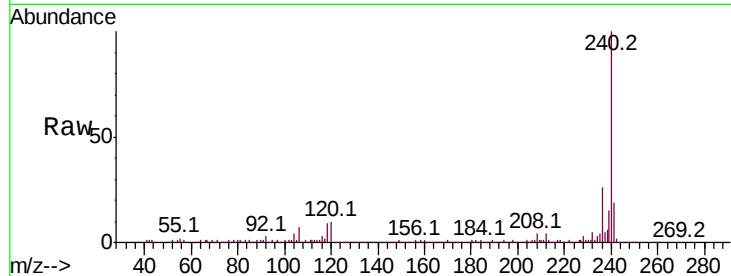
ClientSampleId :

PL-03-092018-B

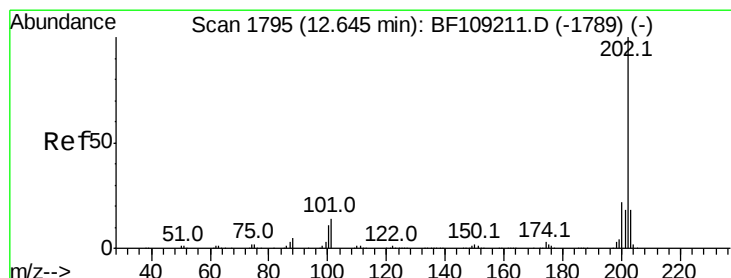
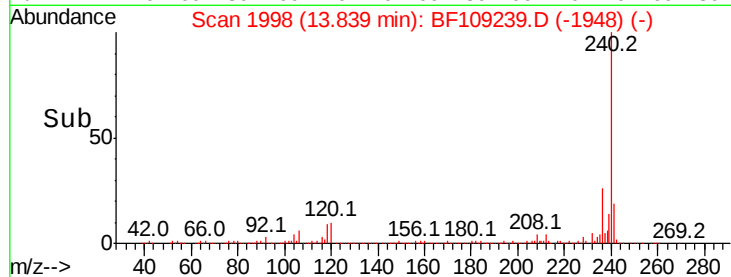
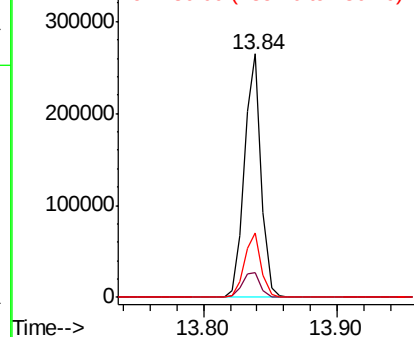
Tot Ion:	240	Resp:	229971
Ion Ratio	Lower	Upper	
240	100		
120	10.4	9.5	14.3
236	26.3	20.7	31.1

Manual Integrations
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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: 5.420 ng

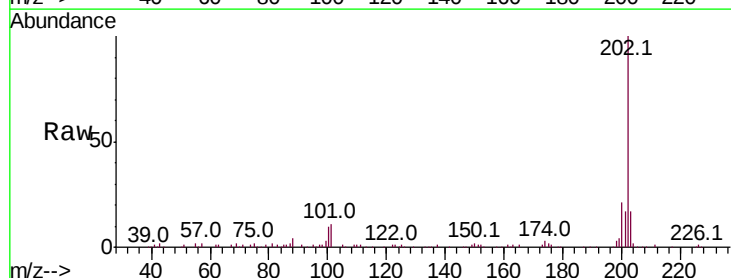
RT: 12.64 min Scan# 1795

Delta R.T. -0.01 min

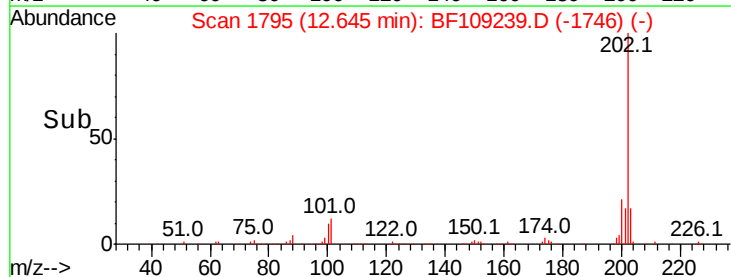
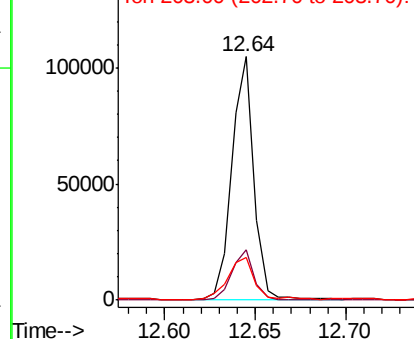
Lab File: BF109239.D

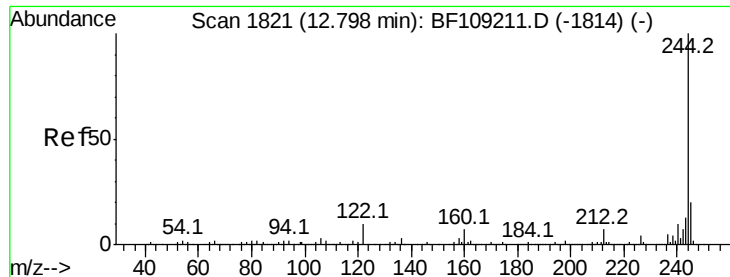
Acq: 22 Sep 2018 23:16

Tgt Ion:	202	Resp:	89338
Ion Ratio	Lower	Upper	
202	100		
200	20.6	17.4	26.2
203	17.3	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: 40.132 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109239.D

Acq: 22 Sep 2018 23:16

Instrument :

BNA_F

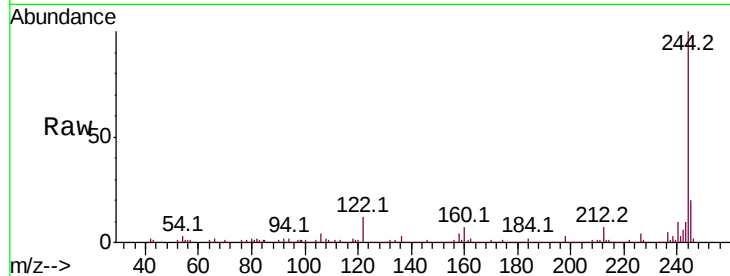
ClientSampleId :

PL-03-092018-B

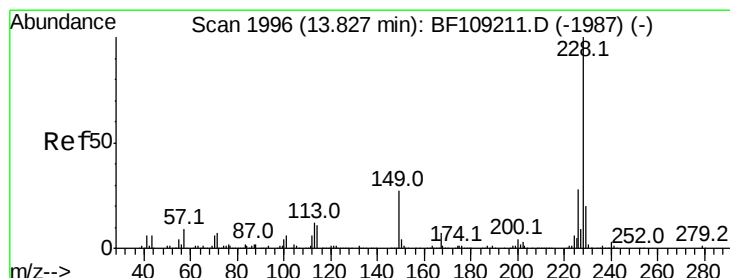
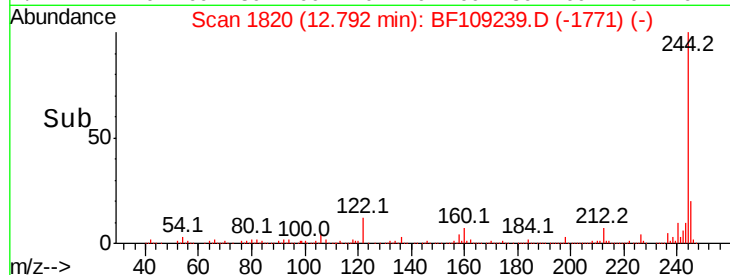
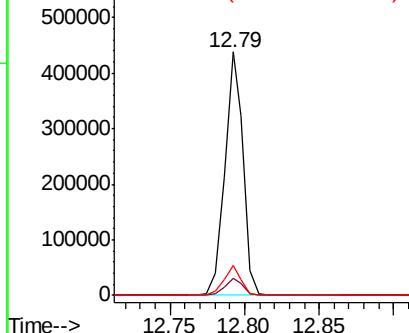
Tot Ion:	244	Resp:	376066
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.4	8.0
122	12.4	11.0	16.4

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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: 3.240 ng

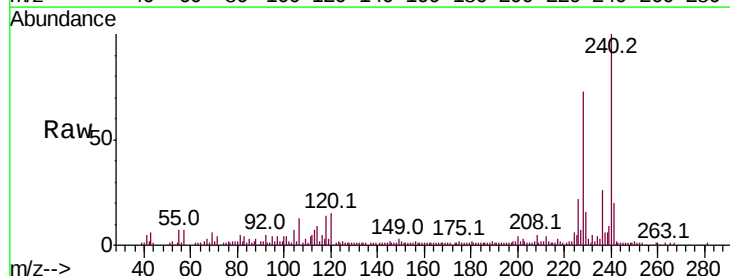
RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

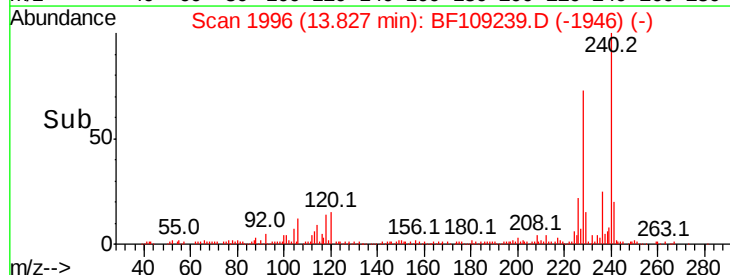
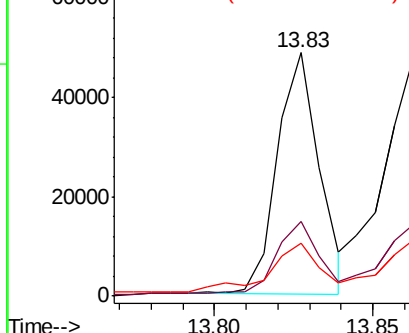
Lab File: BF109239.D

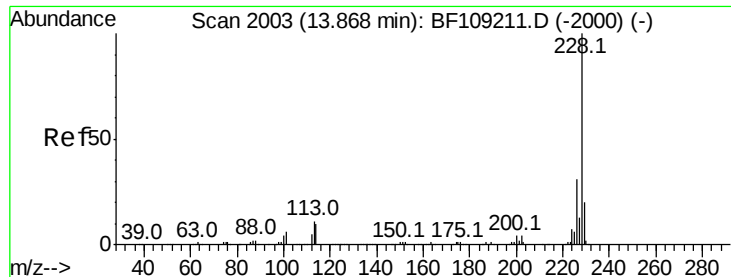
Acq: 22 Sep 2018 23:16

Tgt Ion:	228	Resp:	44875
Ion Ratio	Lower	Upper	
228	100		
226	30.6	22.6	33.8
229	21.8	15.8	23.6



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





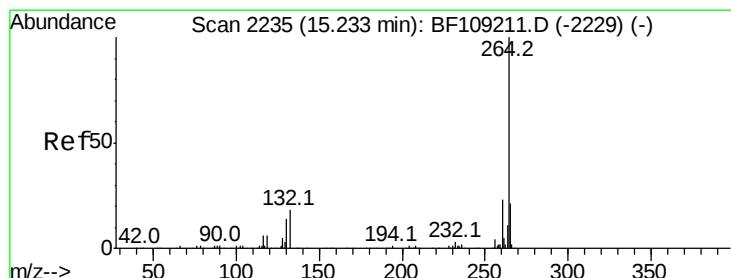
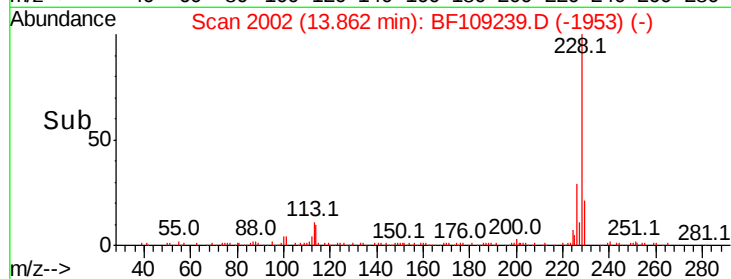
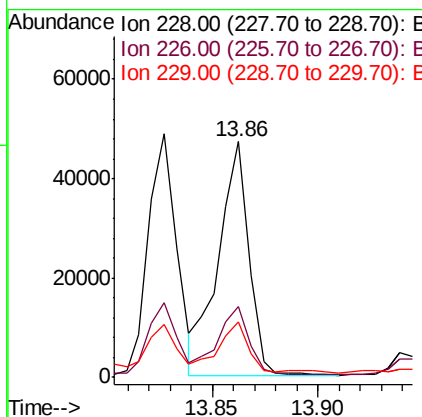
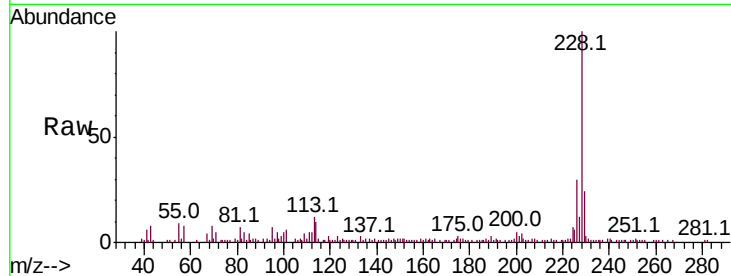
#82
Chrysene
Concen: 3.425 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF109239.D
Acq: 22 Sep 2018 23:16

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.0	37.6
229	23.7	16.2	24.4

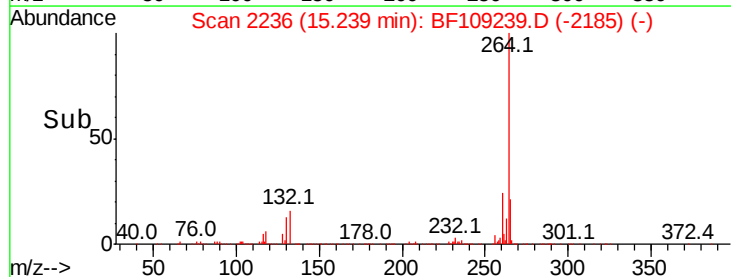
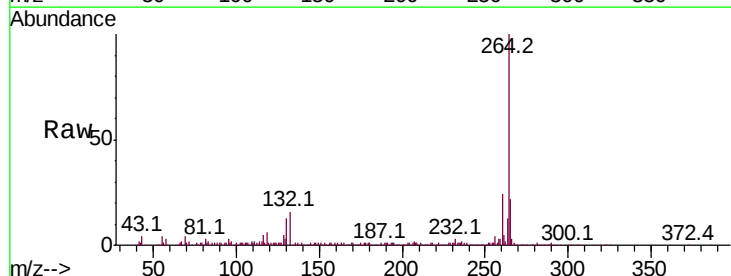
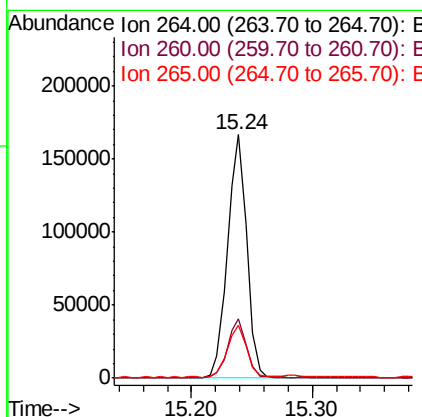
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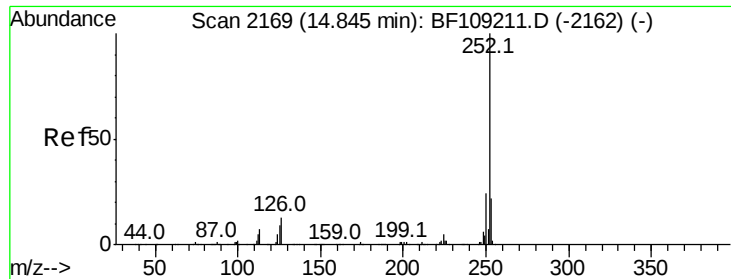
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BF109239.D
Acq: 22 Sep 2018 23:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.6	17.5	26.3





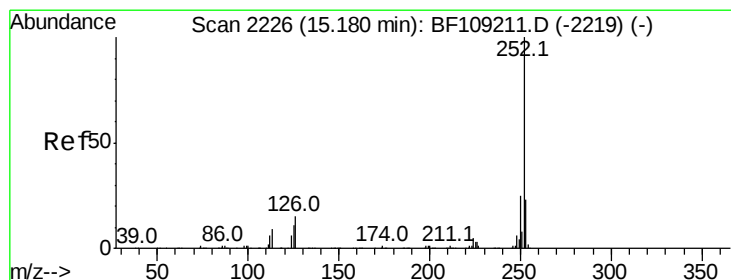
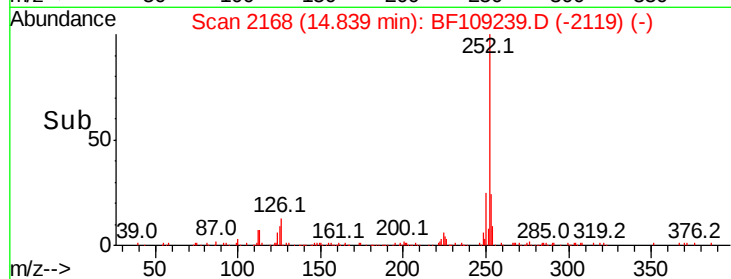
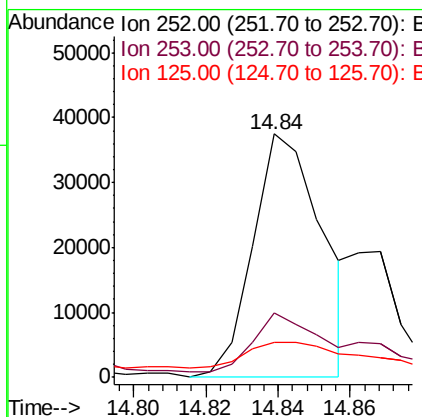
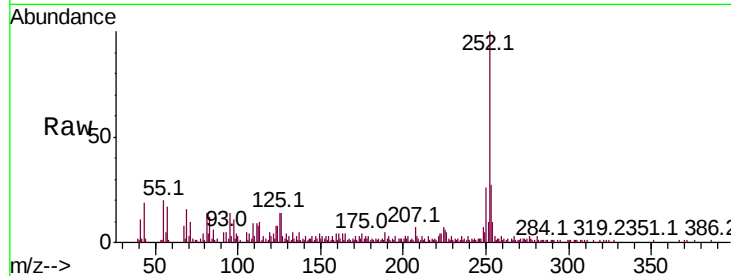
#87
Benzo(b)fluoranthene
Concen: 4.953 ng m
RT: 14.84 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF109239.D
Acq: 22 Sep 2018 23:16

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.0	25.6#
125	14.3	9.0	13.6#

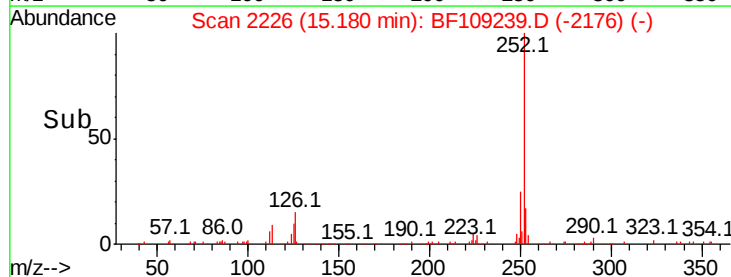
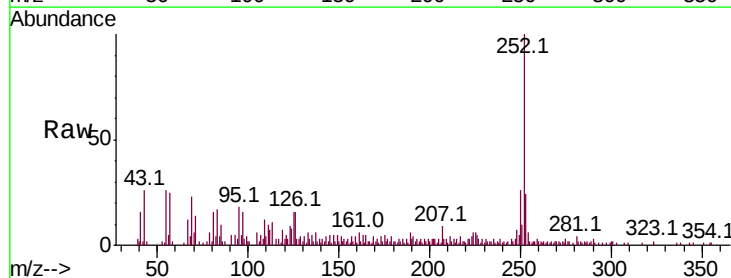
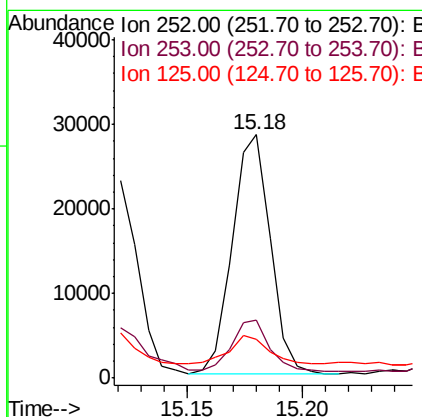
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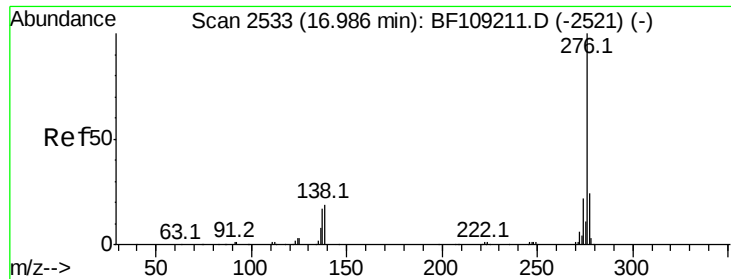
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#89
Benzo(a)pyrene
Concen: 3.620 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF109239.D
Acq: 22 Sep 2018 23:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.1	25.7
125	15.8	9.8	14.6#





#91
Benzo(a,h,i)perylene
Concen: 2.634 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.02 min
Lab File: BF109239.D
Acq: 22 Sep 2018 23:16

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

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.1	17.9	26.9
138	22.3	21.8	32.8

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