

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
 Data File : BF109251.D
 Acq On : 23 Sep 2018 5:33
 Operator : JU/SJ
 Sample : J5017-06
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RA-091918-S-NW-060

Manual Integrations
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 9/24/2018 3:53:33 PM

Quant Time: Sep 24 11:23:02 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	115719	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	412259	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	163750	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	243007	20.00	ng	0.00
75) Chrysene-d12	13.85	240	185702	20.00	ng	0.00
86) Perylene-d12	15.26	264	166288	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	750259	106.79	ng	0.00
7) Phenol-d6	6.35	99	971299	108.34	ng	-0.01
23) Nitrobenzene-d5	7.27	82	605181	86.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	169207	104.82	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1010233	93.05	ng	0.00
78) Terphenyl-d14	12.81	244	616240	81.44	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.46	163	273197	22.938	ng	# 98
70) Phenanthrene	11.24	178	114999	9.478	ng	# 95
71) Anthracene	11.29	178	27268	2.216	ng	# 62
74) Fluoranthene	12.44	202	83012	6.402	ng	# 91
77) Pyrene	12.66	202	74646	5.609	ng	# 92
80) Benzo(a)anthracene	13.84	228	35302	3.156	ng	# 78
82) Chrysene	13.87	228	49501m	4.465	ng	
87) Benzo(b)fluoranthene	14.86	252	32299m	3.535	ng	
89) Benzo(a)pyrene	15.20	252	22730m	2.761	ng	

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

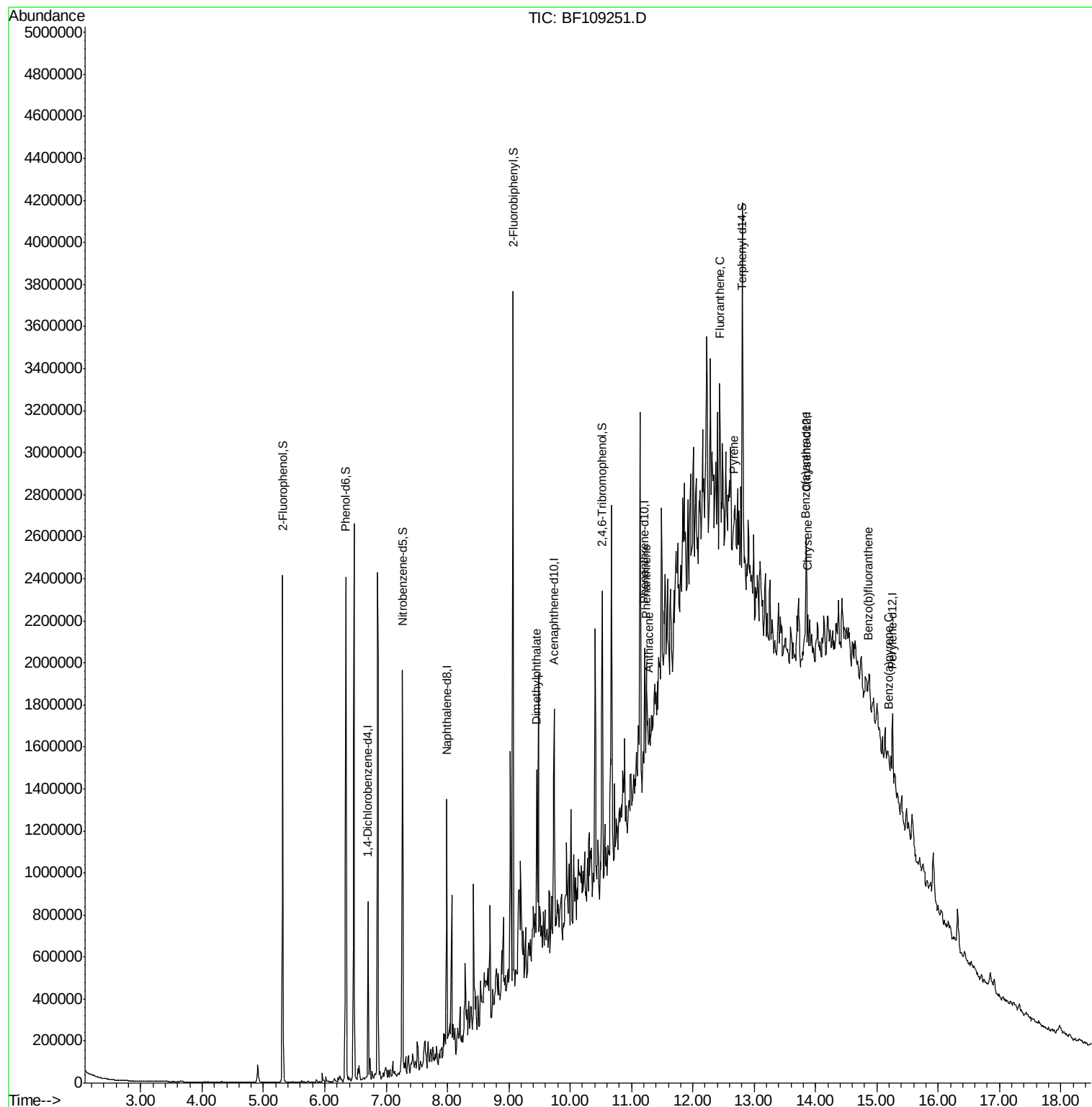
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109251.D
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Sample : J5017-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

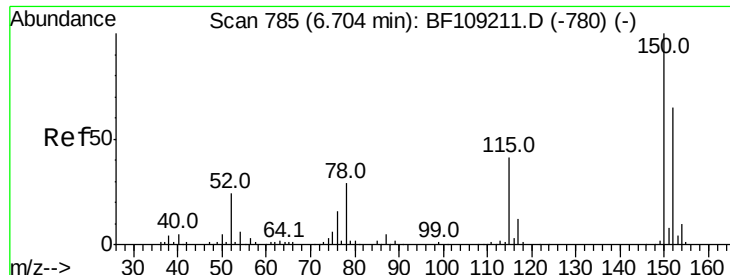
Instrument :
BNA_F
ClientSampleId :
RA-091918-S-NW-060

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Quant Time: Sep 24 11:23:02 2018
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

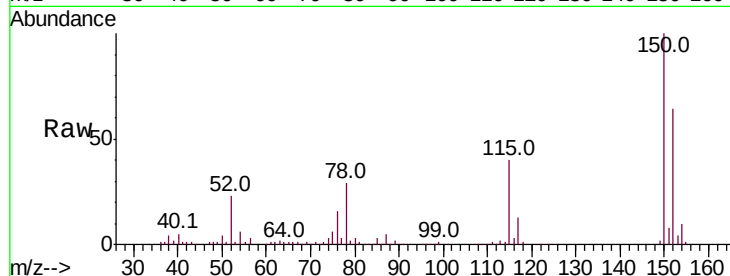
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109251.D
Acq: 23 Sep 2018 5:33

Instrument :
BNA_F
ClientSampleId :
RA-091918-S-NW-060

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.6	186.8
115	63.3	50.1	75.1

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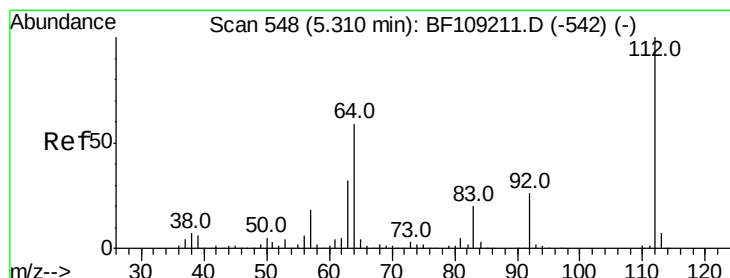
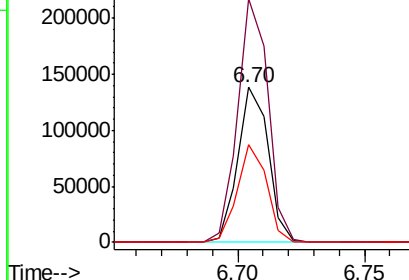
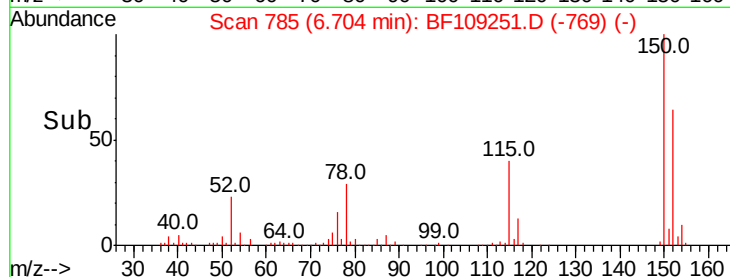


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

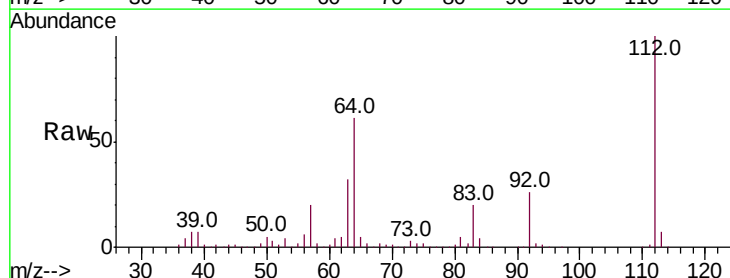
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 106.788 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109251.D
Acq: 23 Sep 2018 5:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.0	47.9	71.9
63	32.2	23.7	35.5

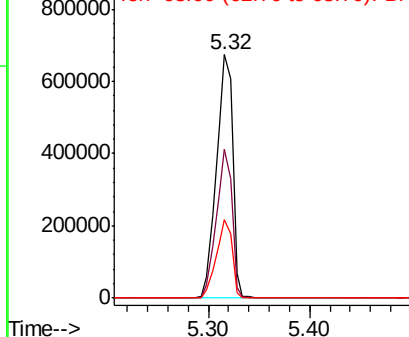
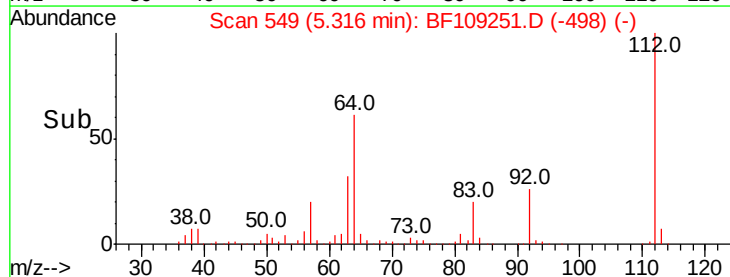


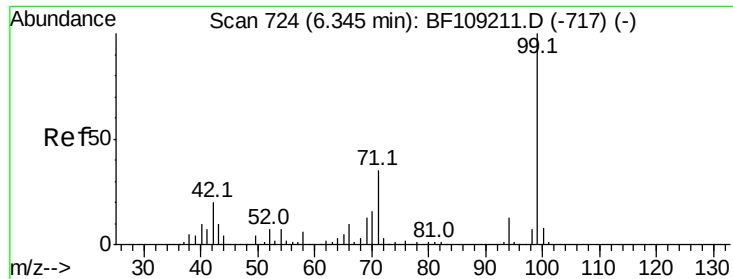
Abundance

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: 108.343 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109251.D

Acq: 23 Sep 2018 5:33

Instrument :

BNA_F

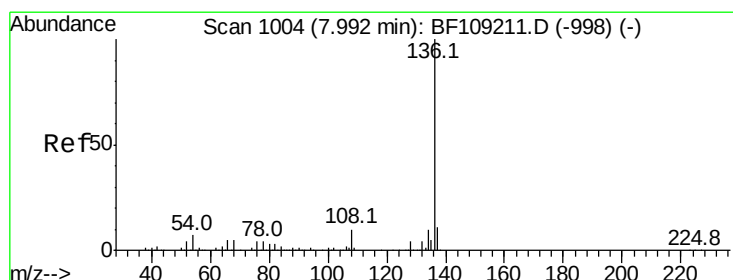
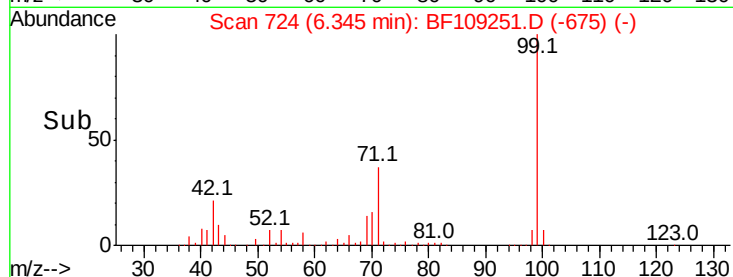
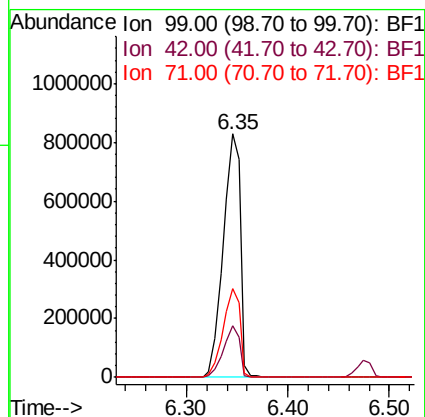
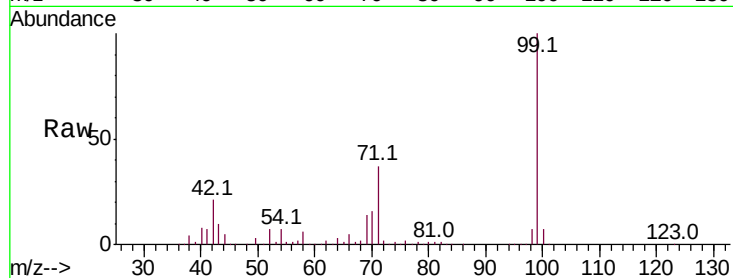
ClientSampleId :

RA-091918-S-NW-060

Tot Ion	99	Resp	971299
Ion Ratio	Lower	Upper	
99	100		
42	21.0	14.5	21.7
71	36.7	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

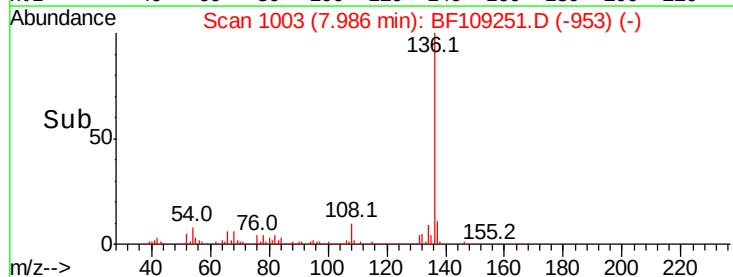
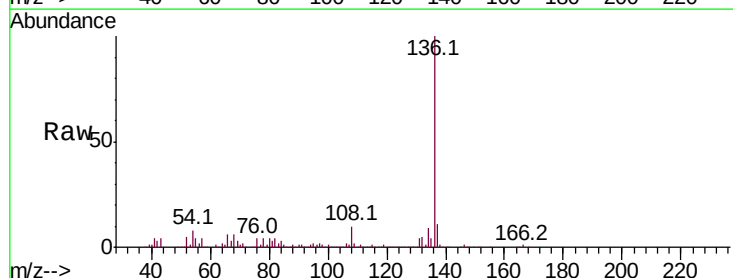
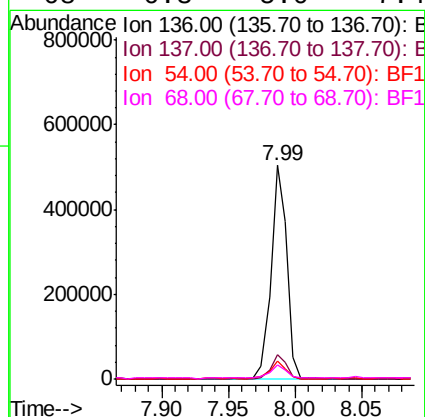
RT: 7.99 min Scan# 1003

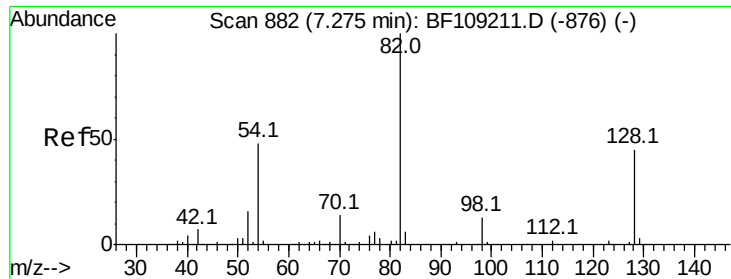
Delta R.T. -0.01 min

Lab File: BF109251.D

Acq: 23 Sep 2018 5:33

Tgt Ion	136	Resp	412259
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	8.2	6.6	9.8
68	6.3	5.0	7.4





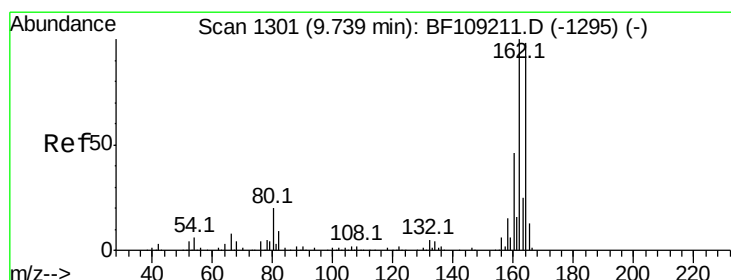
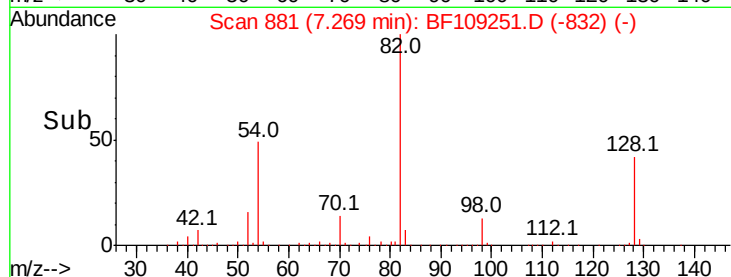
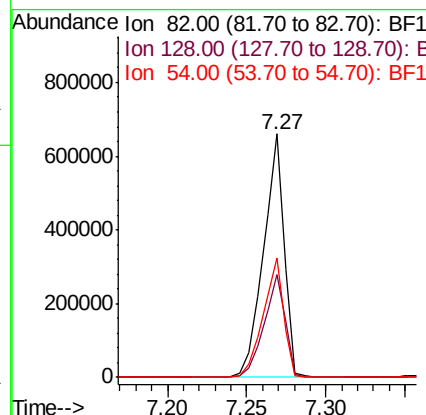
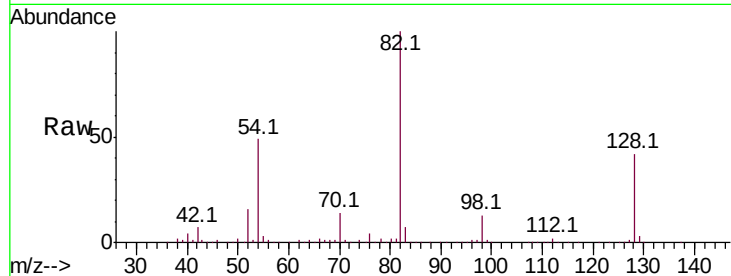
#23
 Nitrobenzene-d5
 Concen: 86.656 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109251.D
 Acq: 23 Sep 2018 5:33

Instrument :
 BNA_F
 ClientSampleId :
 RA-091918-S-NW-060

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	42.2	36.1	54.1
54	49.2	41.4	62.2

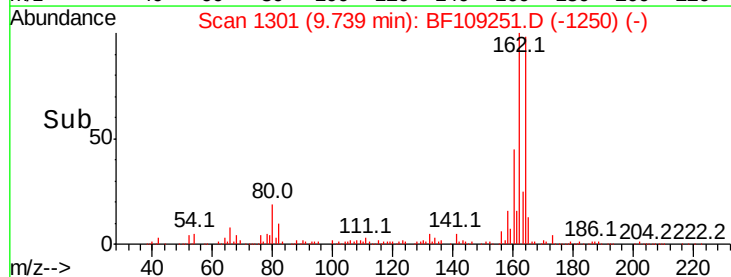
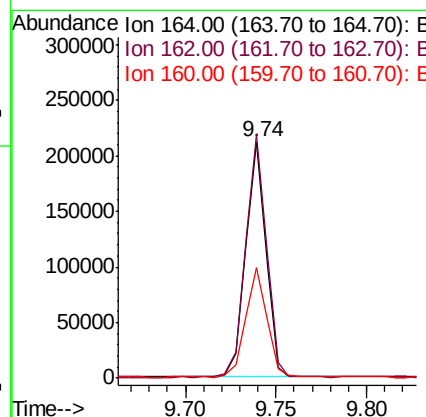
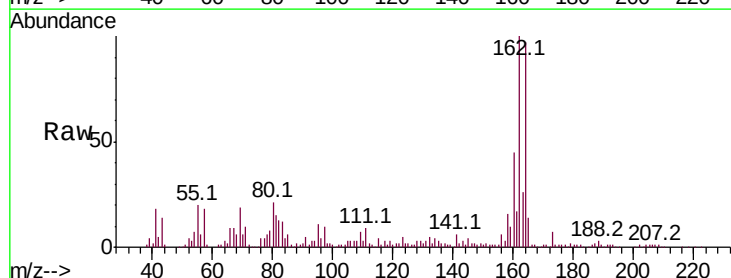
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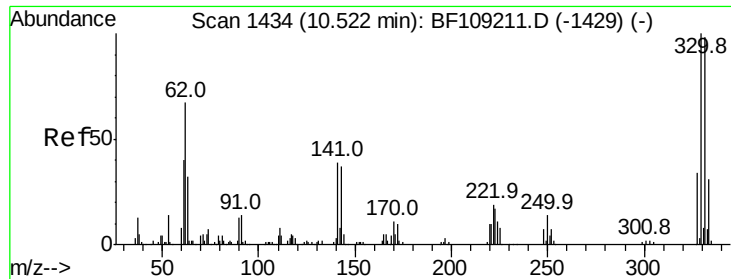
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF109251.D
 Acq: 23 Sep 2018 5:33

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
162	103.1	86.1	129.1
160	46.7	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 104.822 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF109251.D

Acq: 23 Sep 2018 5:33

Instrument :

BNA_F

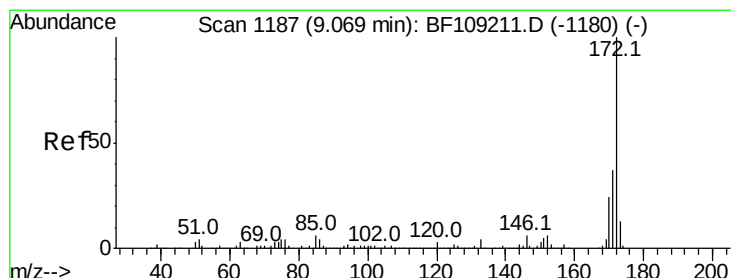
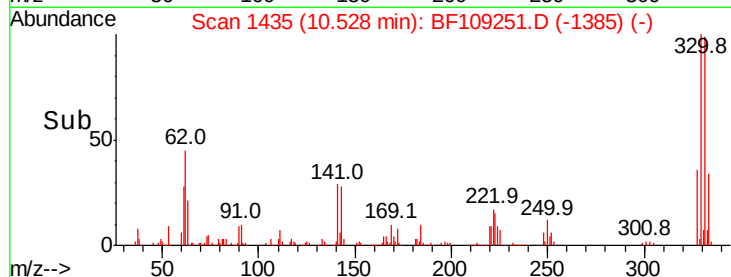
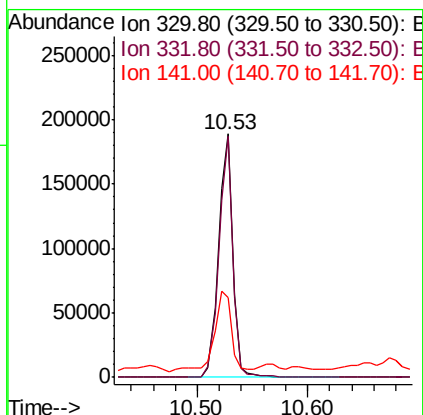
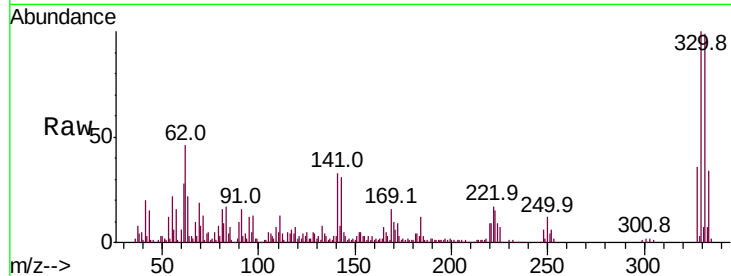
ClientSampleId :

RA-091918-S-NW-060

Tot Ion:	330	Resp:	169207
Ion Ratio	Lower	Upper	
330	100		
332	96.4	77.0	115.6
141	38.9	29.9	44.9

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#44

2-Fluorobiphenyl

Concen: 93.046 ng

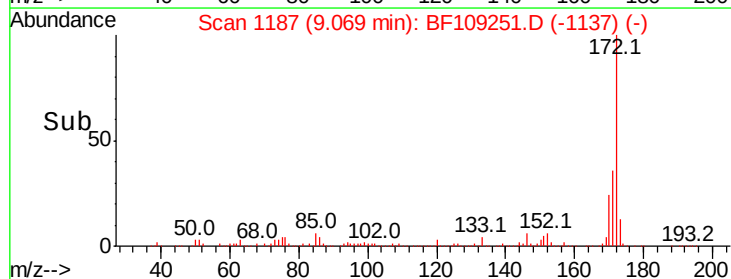
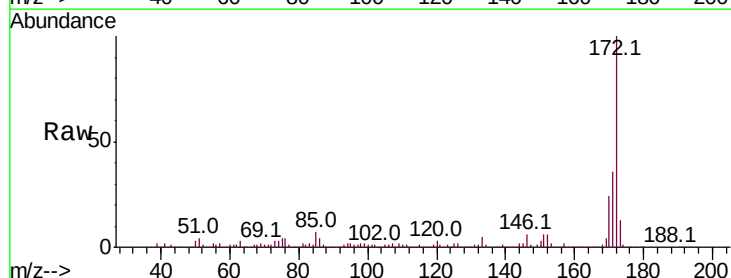
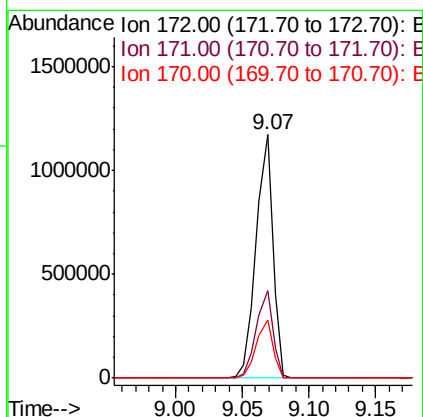
RT: 9.07 min Scan# 1187

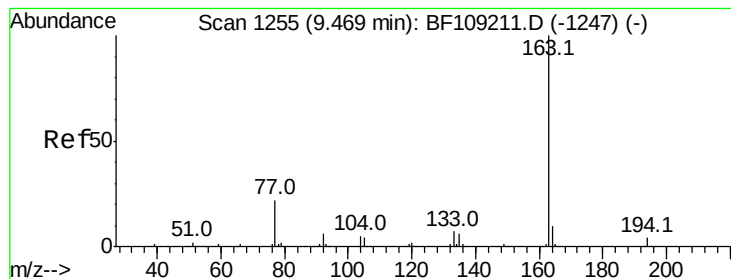
Delta R.T. -0.01 min

Lab File: BF109251.D

Acq: 23 Sep 2018 5:33

Tgt Ion:	172	Resp:	1010233
Ion Ratio	Lower	Upper	
172	100		
171	35.7	29.7	44.5
170	24.0	19.6	29.4





#49

Dimethylphthalate

Concen: 22.938 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF109251.D

Acq: 23 Sep 2018 5:33

Instrument :

BNA_F

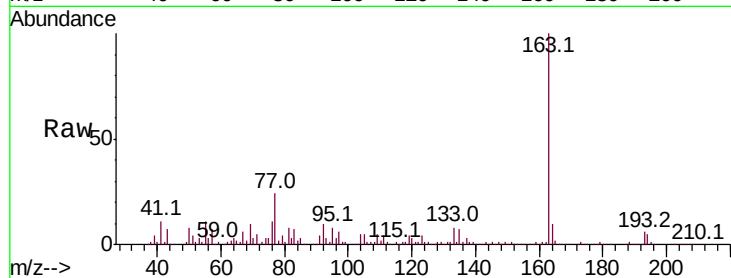
ClientSampleId :

RA-091918-S-NW-060

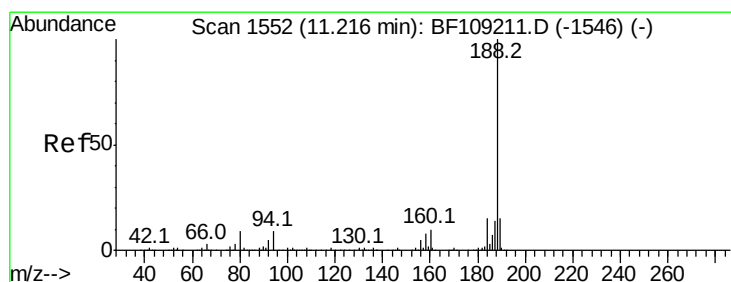
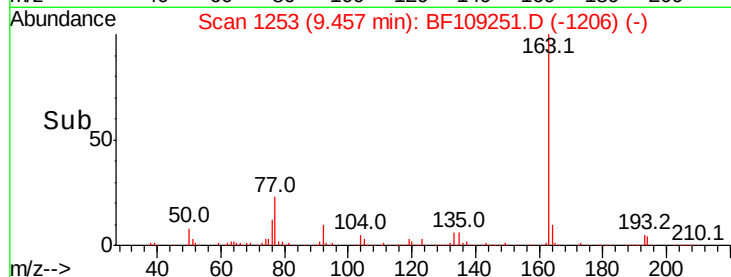
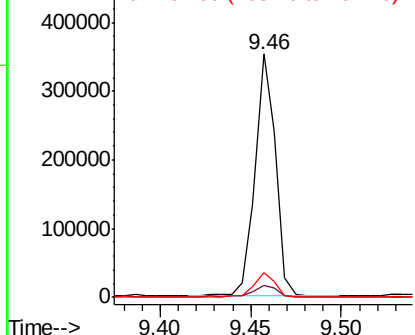
Tot Ion:	163	Resp:	273197
Ion Ratio	Lower	Upper	
163	100		
194	5.0	2.7	4.1#
164	10.0	8.2	12.2

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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

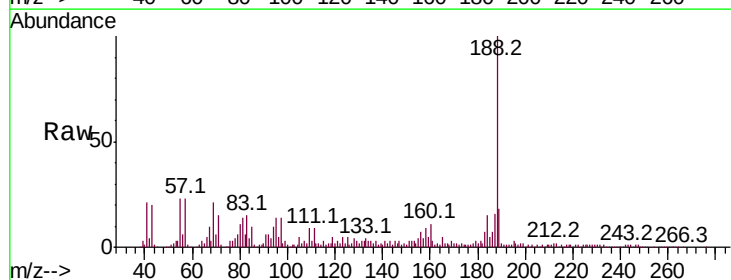
RT: 11.22 min Scan# 1553

Delta R.T. 0.01 min

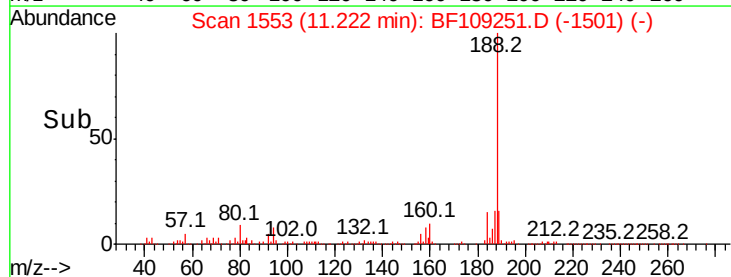
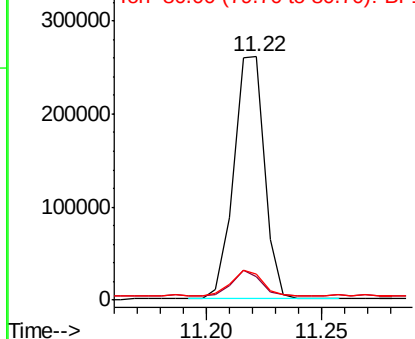
Lab File: BF109251.D

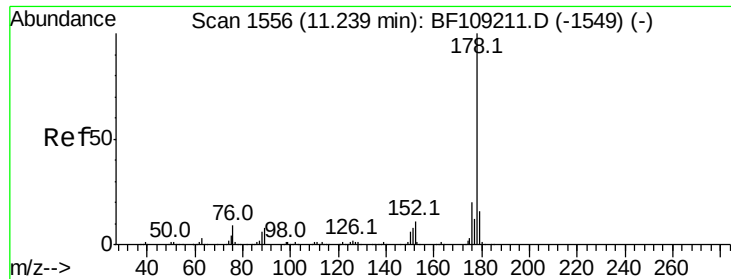
Acq: 23 Sep 2018 5:33

Tgt Ion:	188	Resp:	243007
Ion Ratio	Lower	Upper	
188	100		
94	9.7	8.5	12.7
80	10.6	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





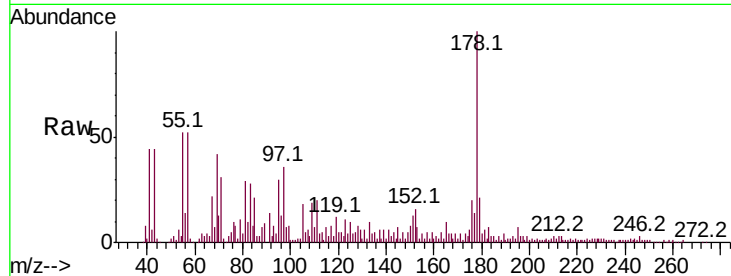
#70
Phenanthrene
Concen: 9.478 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF109251.D
Acq: 23 Sep 2018 5:33

Instrument :
BNA_F
ClientSampleId :
RA-091918-S-NW-060

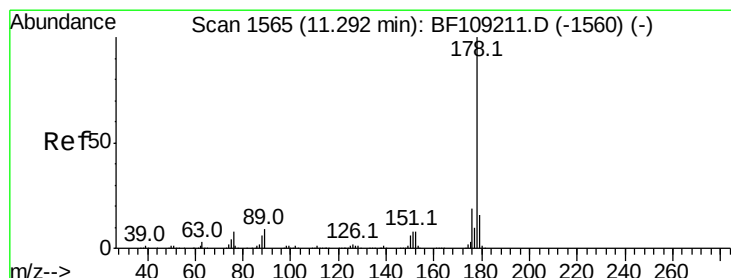
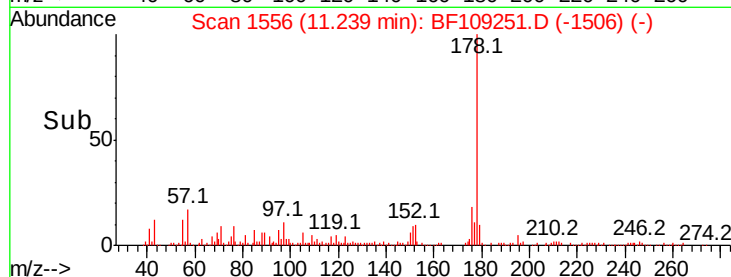
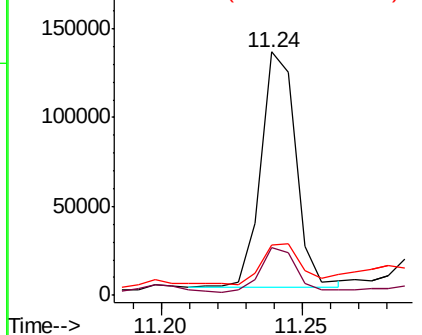
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	20.8	13.0	19.6

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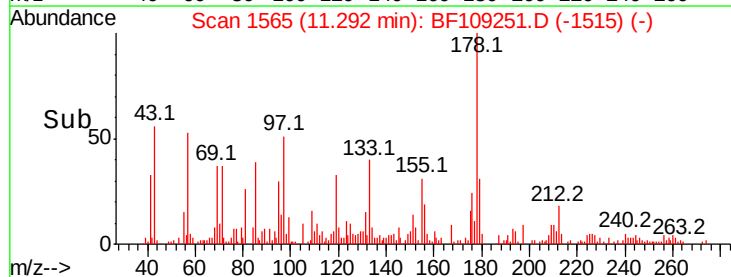
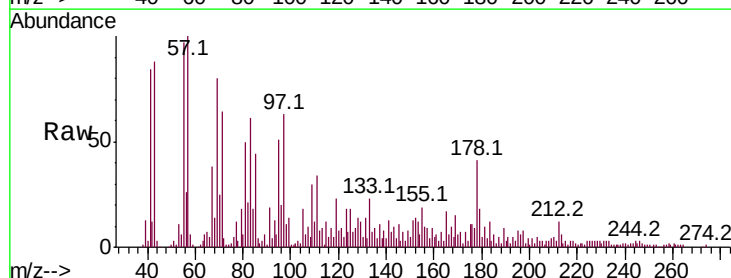
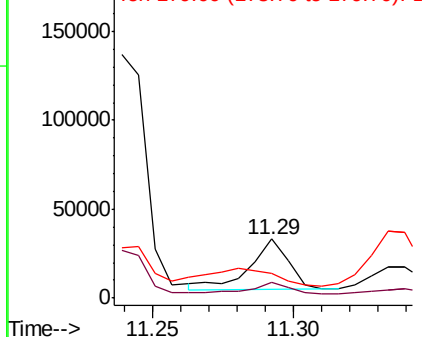
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

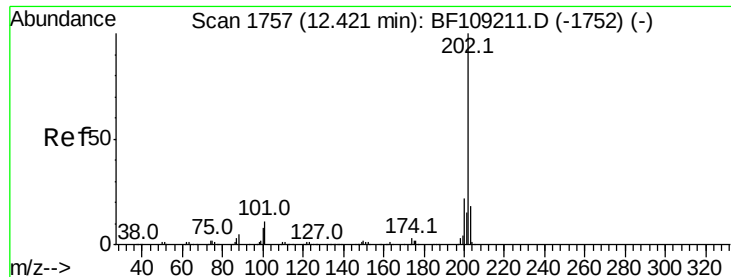


#71
Anthracene
Concen: 2.216 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF109251.D
Acq: 23 Sep 2018 5:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	27.3	15.4	23.2
179	42.6	12.6	19.0

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 6.402 ng

RT: 12.44 min Scan# 1760

Delta R.T. 0.01 min

Lab File: BF109251.D

Acq: 23 Sep 2018 5:33

Instrument :

BNA_F

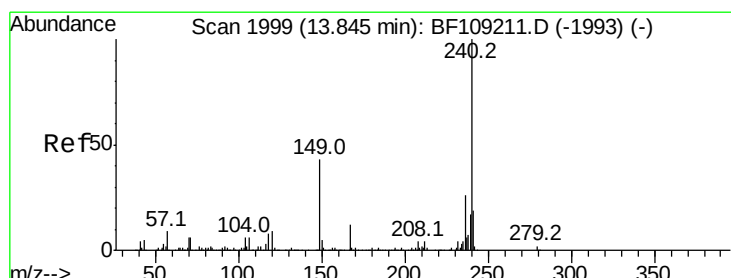
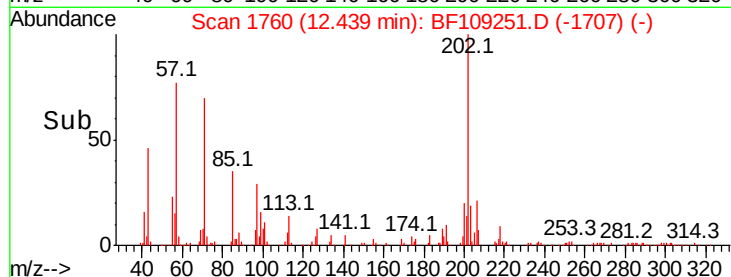
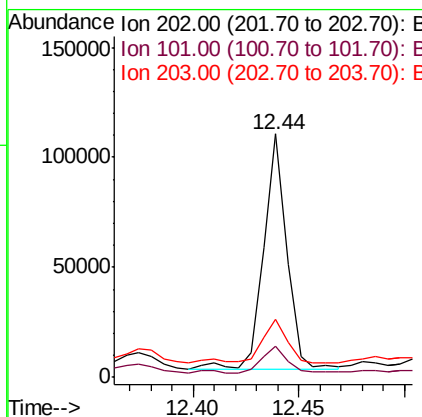
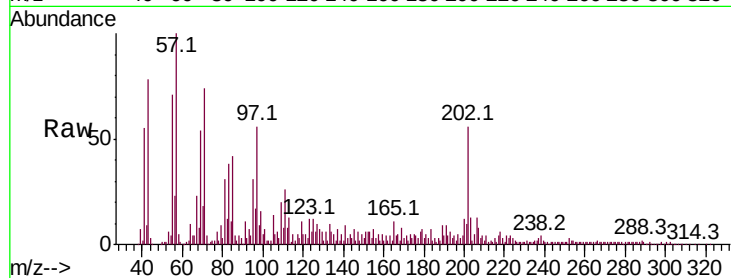
ClientSampleId :

RA-091918-S-NW-060

Tot Ion:	202	Resp:	83012
Ion Ratio	Lower	Upper	
202	100		
101	12.8	0.0	34.1
203	23.8	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

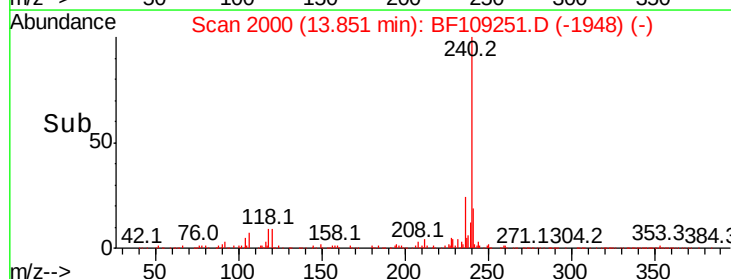
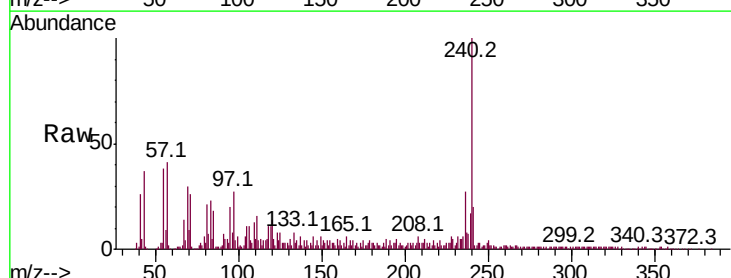
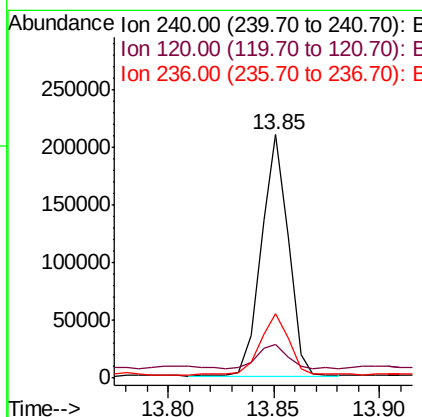
RT: 13.85 min Scan# 2000

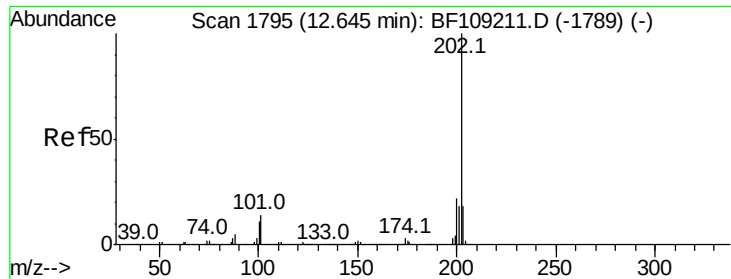
Delta R.T. 0.01 min

Lab File: BF109251.D

Acq: 23 Sep 2018 5:33

Tgt Ion:	240	Resp:	185702
Ion Ratio	Lower	Upper	
240	100		
120	13.6	9.5	14.3
236	26.6	20.7	31.1





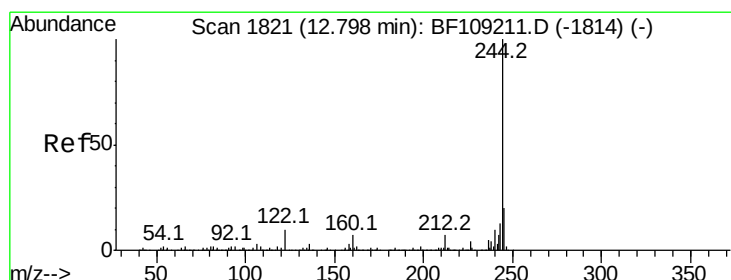
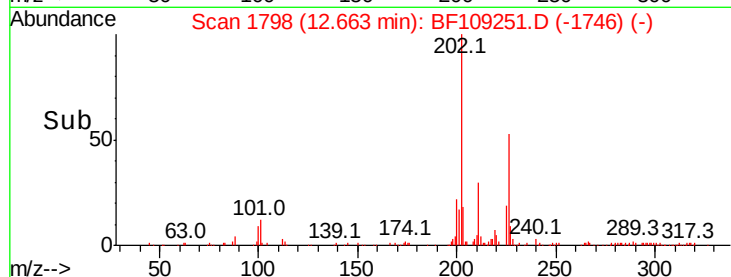
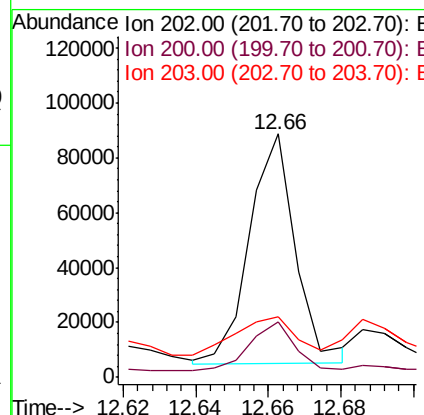
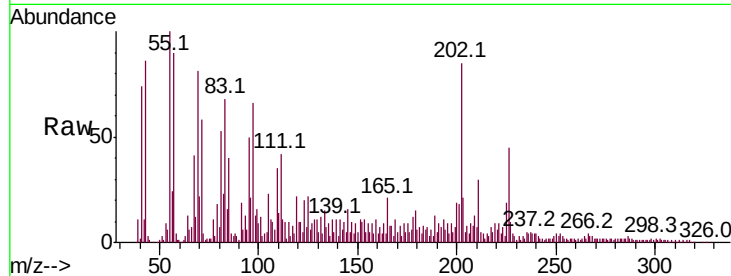
#77
Pvrene
Concen: 5.609 ng
RT: 12.66 min Scan# 1798
Delta R.T. 0.01 min
Lab File: BF109251.D
Acq: 23 Sep 2018 5:33

Instrument :
BNA_F
ClientSampleId :
RA-091918-S-NW-060

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.7	17.4	26.2
203	24.7	14.3	21.5

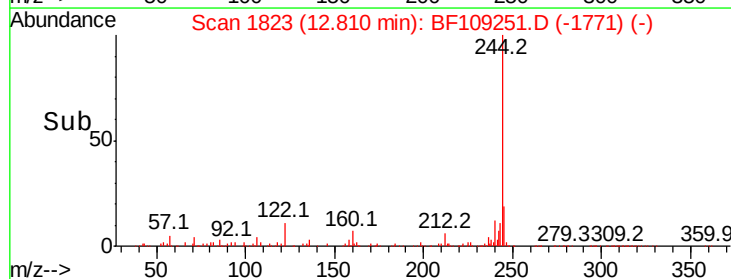
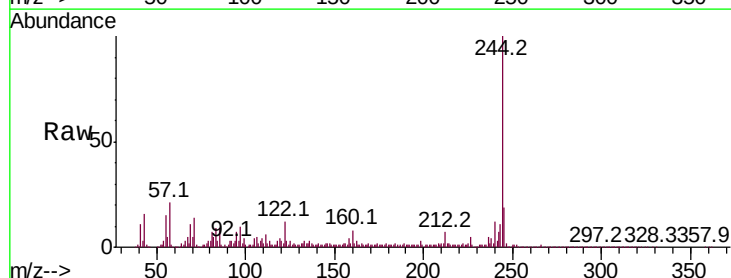
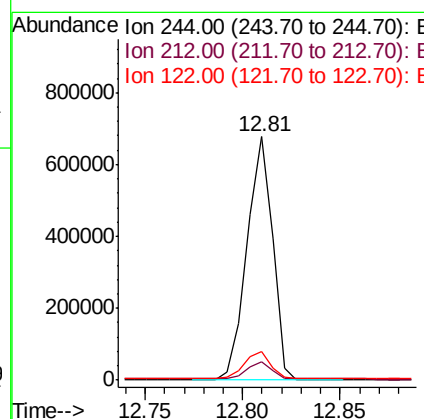
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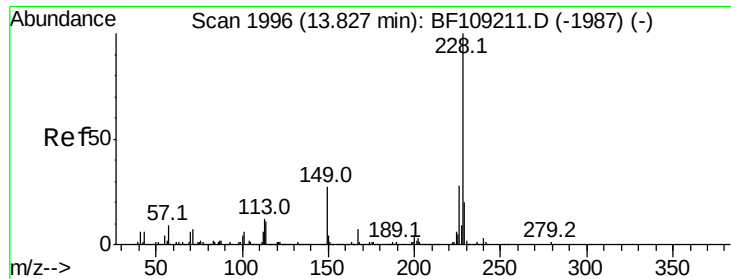
Sohil
9/24/2018 3:53:33 PM



#78
Terphenyl-d14
Concen: 81.440 ng
RT: 12.81 min Scan# 1823
Delta R.T. 0.01 min
Lab File: BF109251.D
Acq: 23 Sep 2018 5:33

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.3	5.4	8.0
122	11.7	11.0	16.4





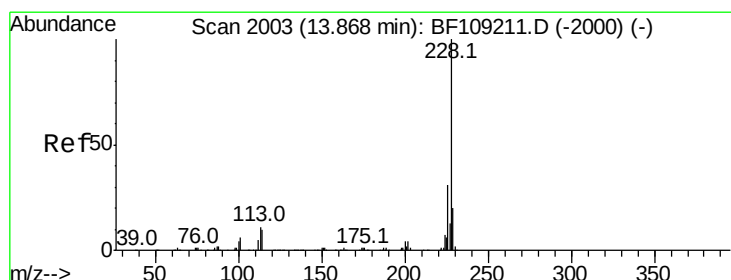
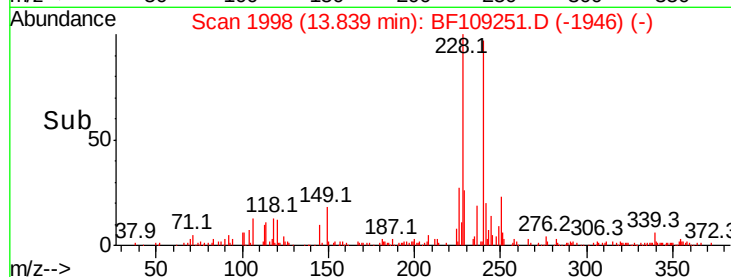
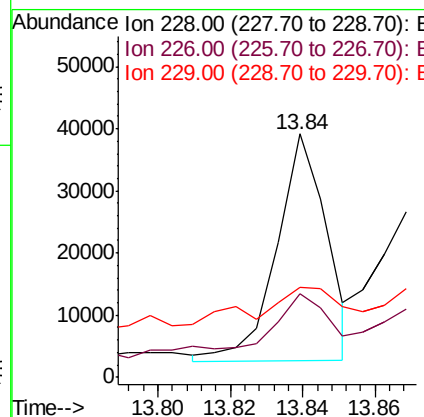
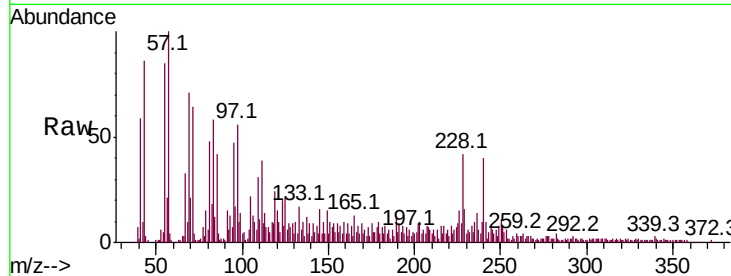
#80
Benzo(a)anthracene
Concen: 3.156 ng
RT: 13.84 min Scan# 1998
Delta R.T. 0.01 min
Lab File: BF109251.D
Acq: 23 Sep 2018 5:33

Instrument :
BNA_F
ClientSampleId :
RA-091918-S-NW-060

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.4	22.6	33.8#
229	36.9	15.8	23.6#

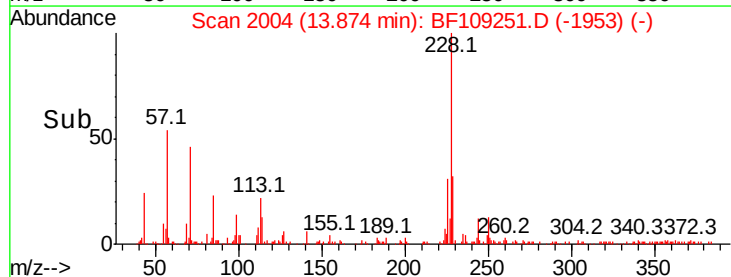
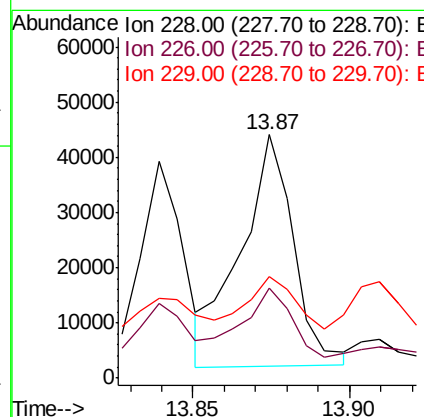
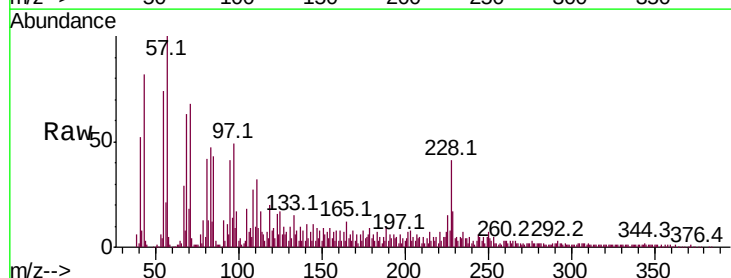
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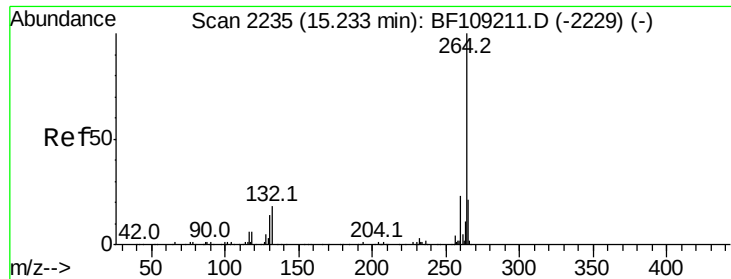
Sohil
9/24/2018 3:53:33 PM



#82
Chrysene
Concen: 4.465 ng m
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF109251.D
Acq: 23 Sep 2018 5:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	37.2	25.0	37.6
229	41.6	16.2	24.4#





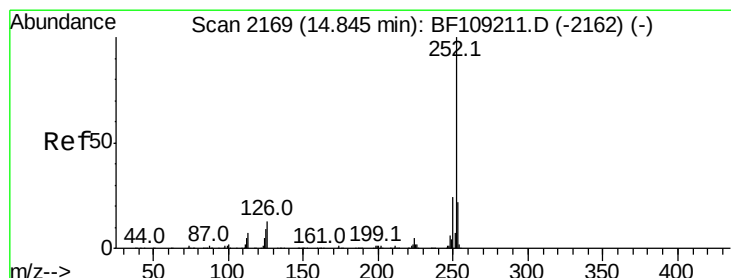
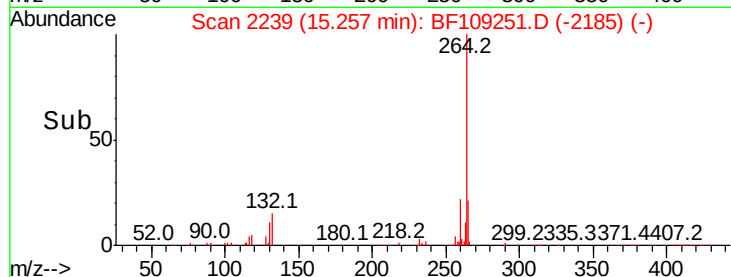
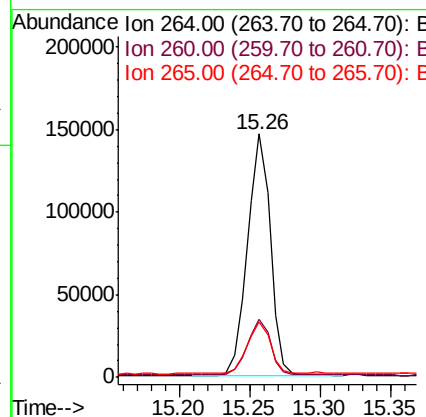
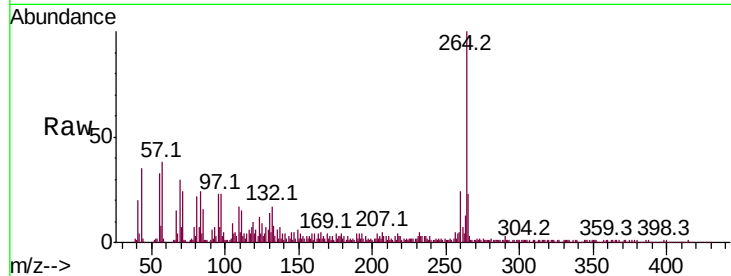
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.02 min
Lab File: BF109251.D
Acq: 23 Sep 2018 5:33

Instrument :
BNA_F
ClientSampleId :
RA-091918-S-NW-060

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.7	19.2	28.8	
265	22.5	17.5	26.3	

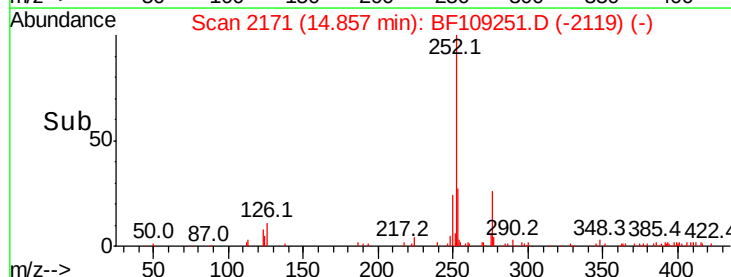
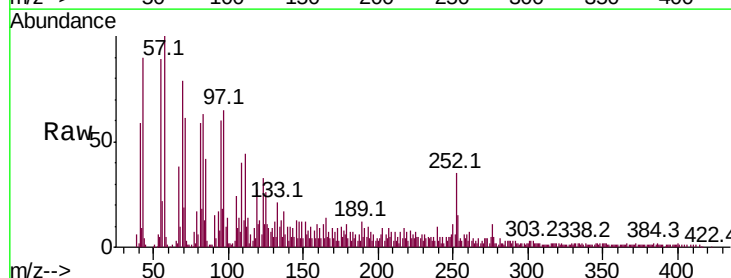
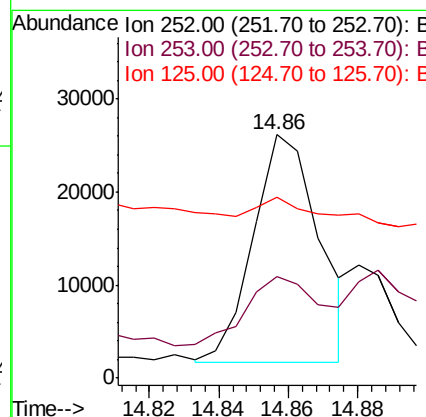
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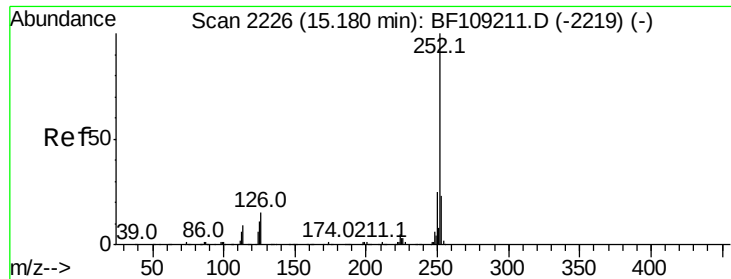
Sohil
9/24/2018 3:53:33 PM



#87
Benzo(b)fluoranthene
Concen: 3.535 ng m
RT: 14.86 min Scan# 2171
Delta R.T. 0.01 min
Lab File: BF109251.D
Acq: 23 Sep 2018 5:33

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	41.5	17.0	25.6#	
125	74.5	9.0	13.6#	





#89

Benzo(a)pyrene

Concen: 2.761 ng/mL

RT: 15.20 min Scan# 2229

Delta R.T. 0.01 min

Lab File: BF109251.D

Acq: 23 Sep 2018 5:33

Instrument :

BNA_F

ClientSampleId :

RA-091918-S-NW-060

Tot Ion:	252	Resp:	22730
Ion Ratio	Lower	Upper	
252	100		
253	36.5	17.1	25.7#
125	84.5	9.8	14.6#

Manual Integrations
APPROVED

Sohil

9/24/2018 3:53:33 PM

