

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
 Data File : BF109249.D
 Acq On : 23 Sep 2018 4:39
 Operator : JU/SJ
 Sample : J5017-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RA-091918-S-SW-058

Manual Integrations
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 9/24/2018 11:39:20 AM

Quant Time: Sep 24 08:29:14 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	107727	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	381985	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	149254	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	236165	20.00	ng	0.00
75) Chrysene-d12	13.84	240	207869	20.00	ng	0.00
86) Perylene-d12	15.24	264	172745	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	729686	111.56	ng	0.00
7) Phenol-d6	6.35	99	952261	114.10	ng	-0.01
23) Nitrobenzene-d5	7.27	82	595311	92.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	157998	107.38	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	952450	96.24	ng	0.00
78) Terphenyl-d14	12.80	244	684937	80.87	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.46	163	212236	19.551	ng	# 98
70) Phenanthrene	11.24	178	54695	4.638	ng	# 90
74) Fluoranthene	12.42	202	47637	3.780	ng	93
77) Pyrene	12.65	202	64507	4.330	ng	95
80) Benzo(a)anthracene	13.83	228	28674	2.290	ng	# 83
82) Chrysene	13.86	228	26416	2.129	ng	# 83
87) Benzo(b)fluoranthene	14.84	252	22645m	2.386	ng	

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

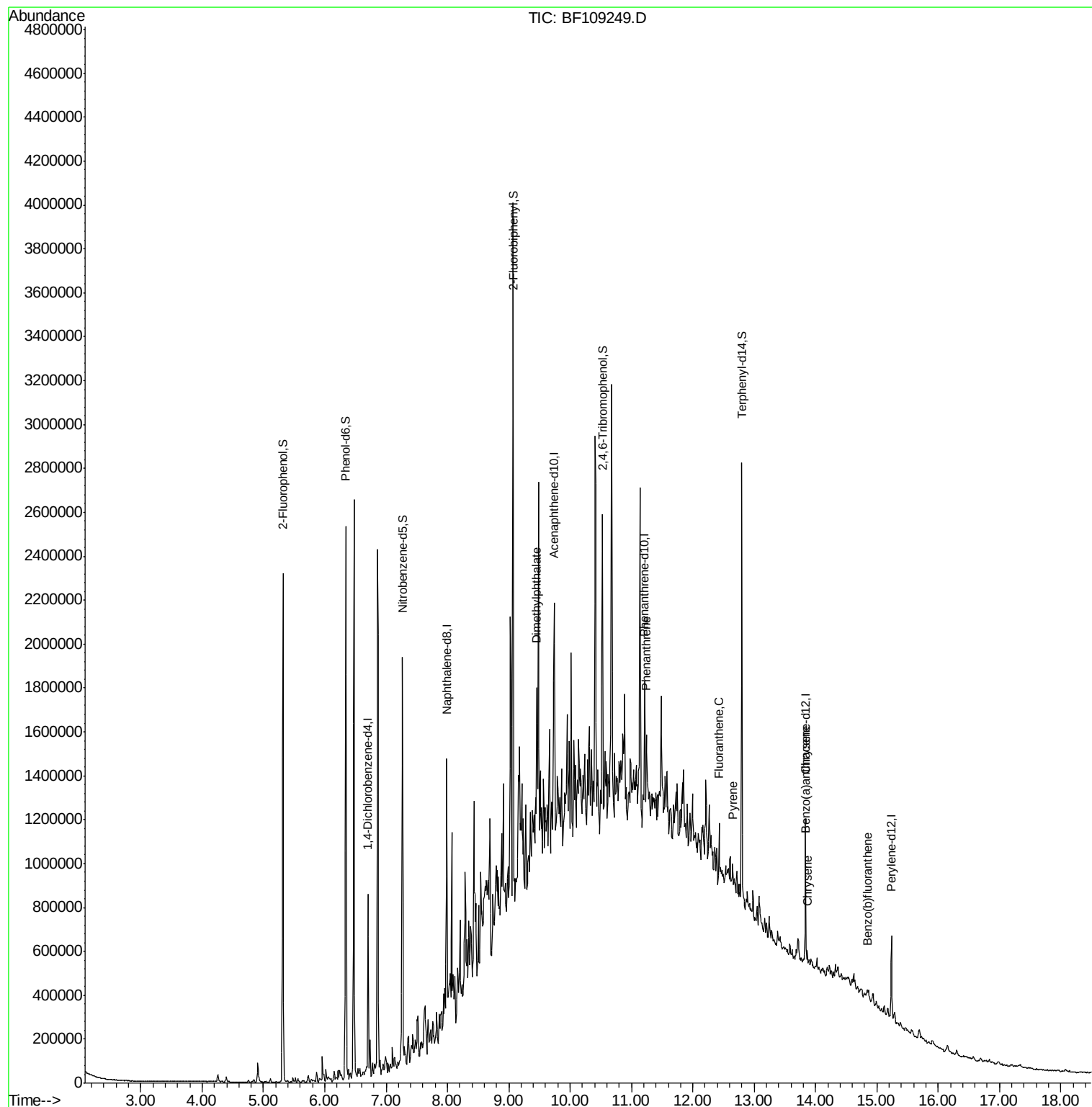
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
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ALS Vial : 31 Sample Multiplier: 1

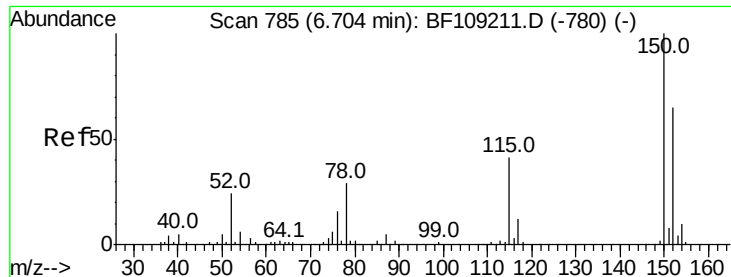
Instrument :
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#1

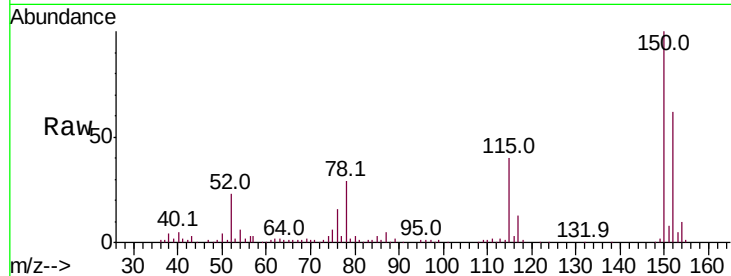
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109249.D
Acq: 23 Sep 2018 4:39

Instrument :
BNA_F
ClientSampleId :
RA-091918-S-SW-058

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.3	124.6	186.8
115	65.1	50.1	75.1

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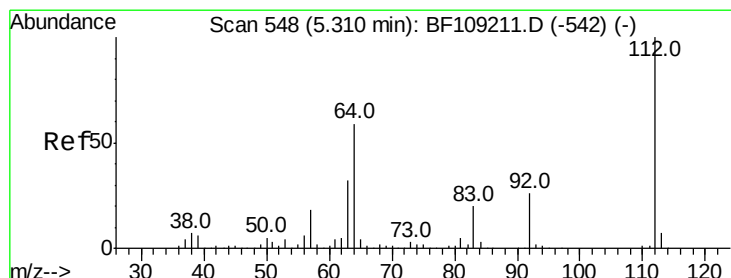
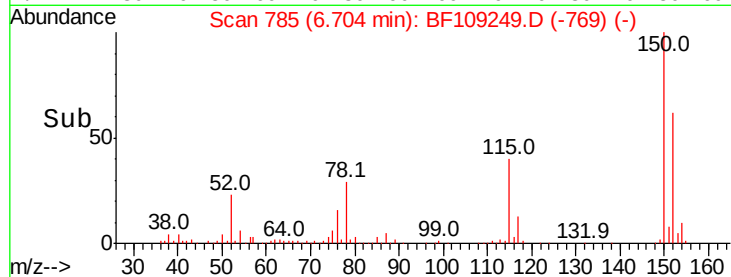
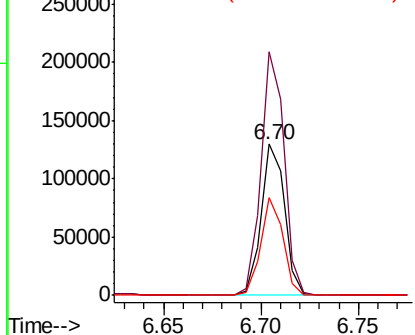


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

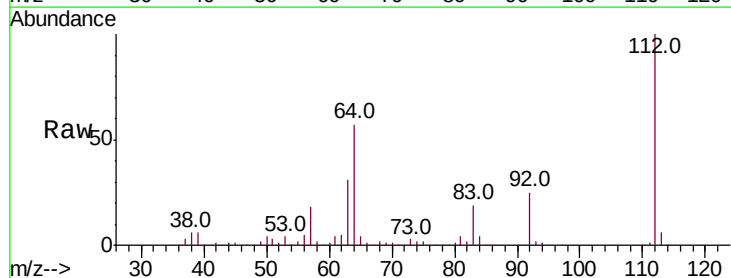
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 111.564 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF109249.D
Acq: 23 Sep 2018 4:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	47.9	71.9
63	30.7	23.7	35.5

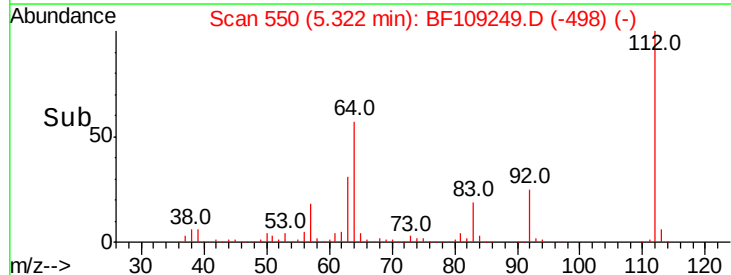
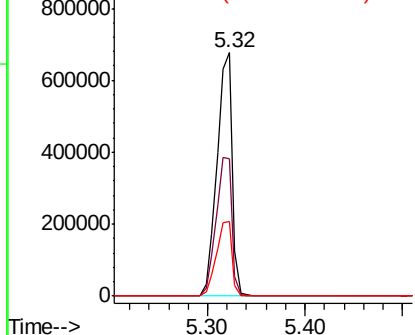


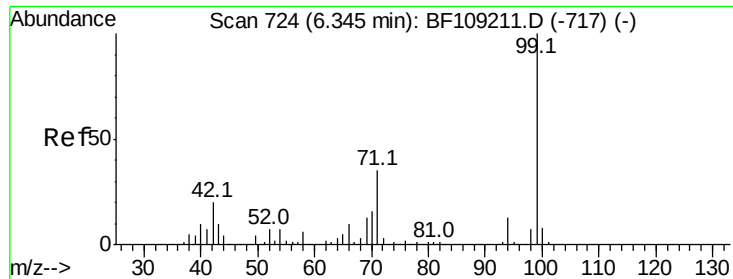
Abundance

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: 114.099 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109249.D

Acq: 23 Sep 2018 4:39

Instrument :

BNA_F

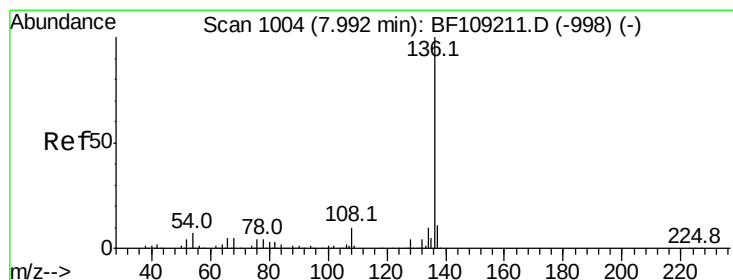
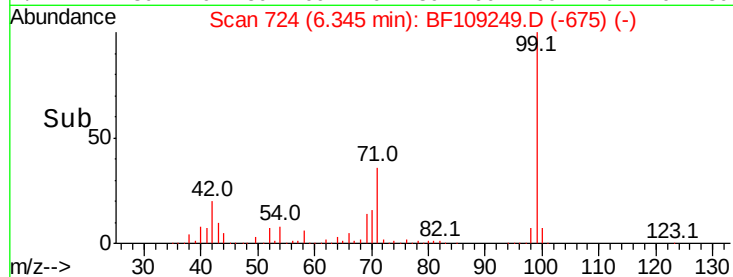
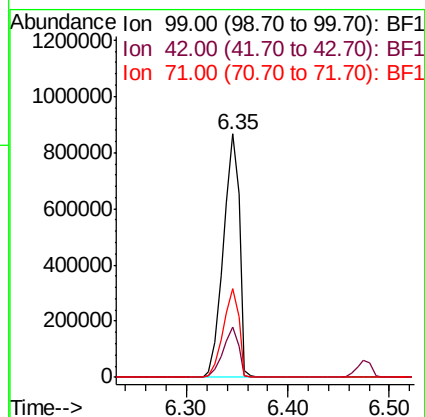
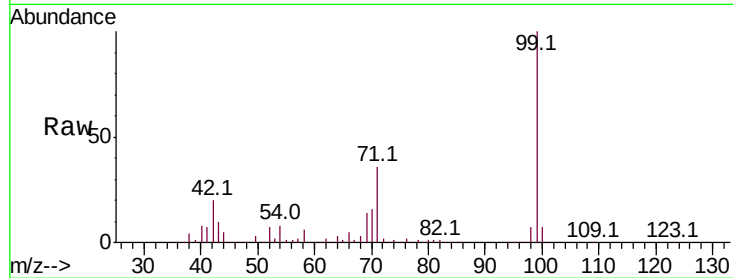
ClientSampleId :

RA-091918-S-SW-058

Tot Ion:	99	Resp:	952261
Ion Ratio	Lower	Upper	
99	100		
42	20.5	14.5	21.7
71	36.5	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

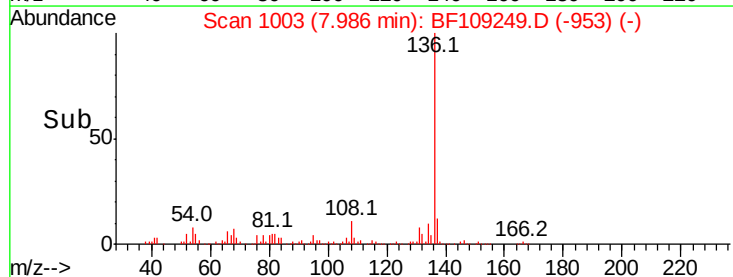
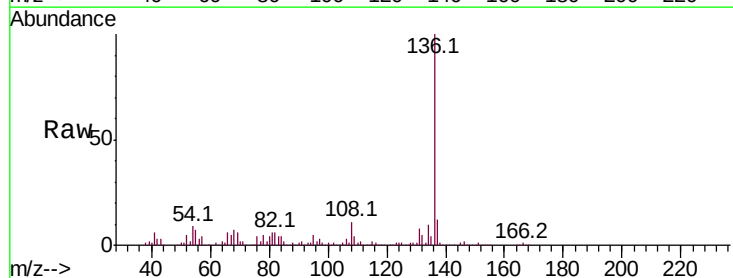
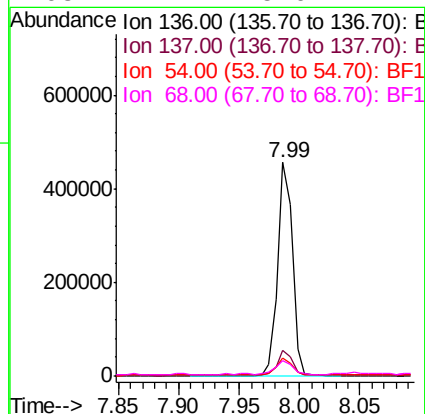
RT: 7.99 min Scan# 1003

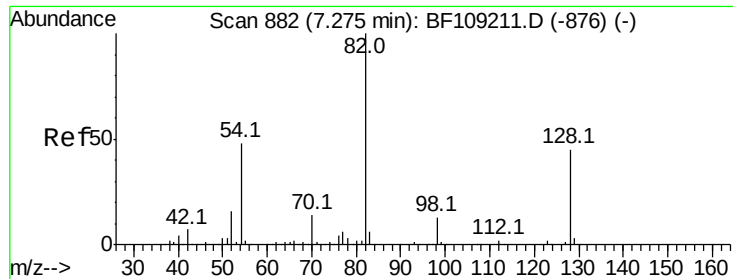
Delta R.T. -0.01 min

Lab File: BF109249.D

Acq: 23 Sep 2018 4:39

Tgt Ion:	136	Resp:	381985
Ion Ratio	Lower	Upper	
136	100		
137	11.8	8.9	13.3
54	8.6	6.6	9.8
68	7.2	5.0	7.4





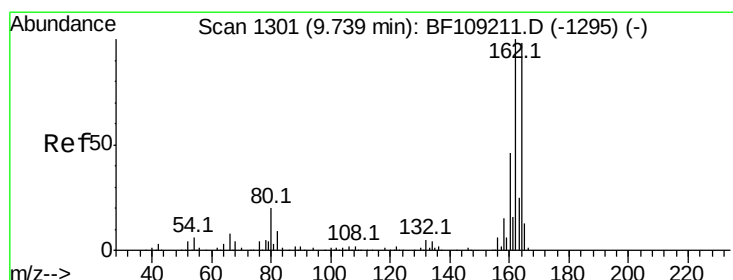
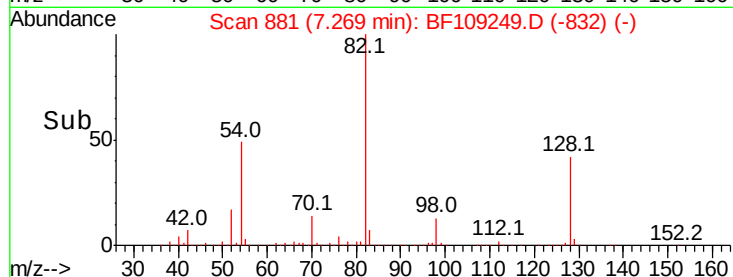
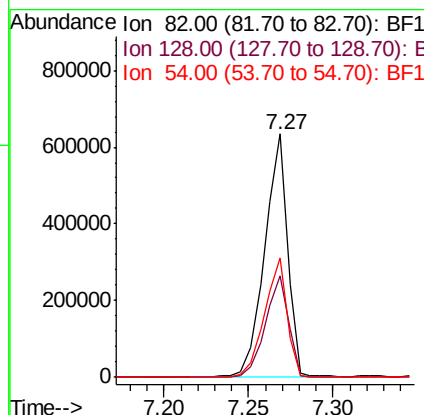
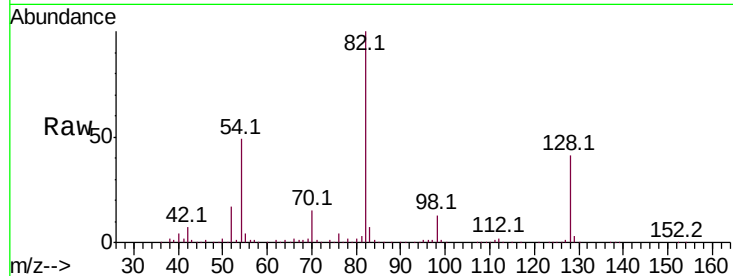
#23
Nitrobenzene-d5
Concen: 91.999 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109249.D
Acq: 23 Sep 2018 4:39

Instrument :
BNA_F
ClientSampleId :
RA-091918-S-SW-058

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.5	36.1	54.1	
54	49.0	41.4	62.2	

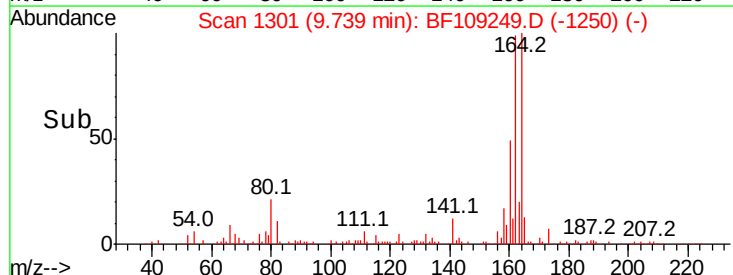
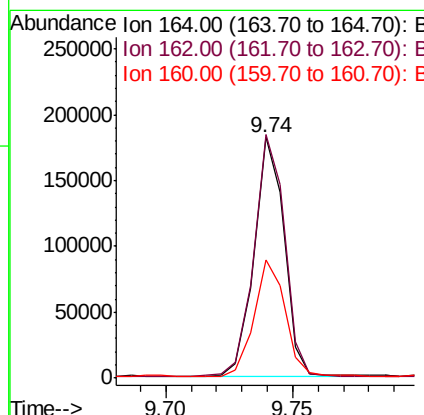
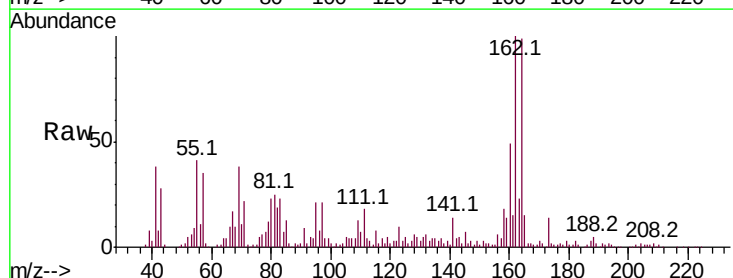
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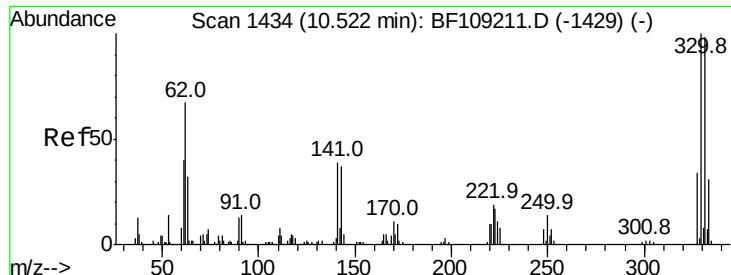
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF109249.D
Acq: 23 Sep 2018 4:39

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.0	86.1	129.1	
160	49.0	38.3	57.5	





#41

2,4,6-Tribromophenol

Concen: 107.384 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF109249.D

Acq: 23 Sep 2018 4:39

Instrument :

BNA_F

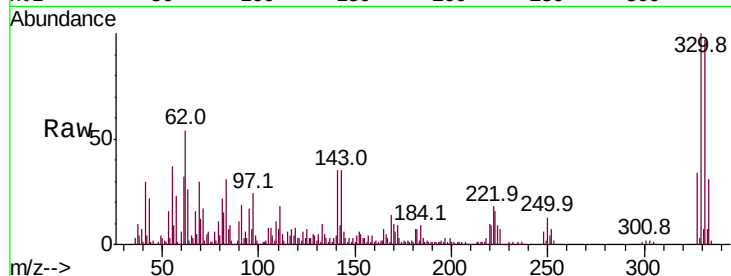
ClientSampleId :

RA-091918-S-SW-058

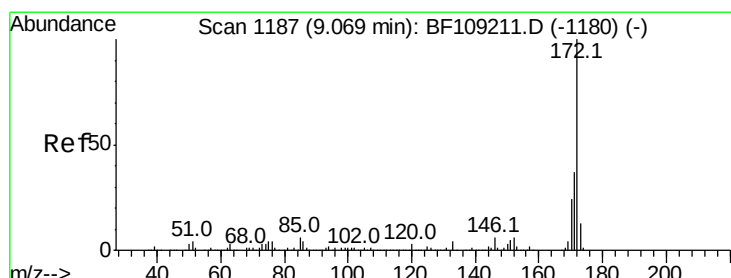
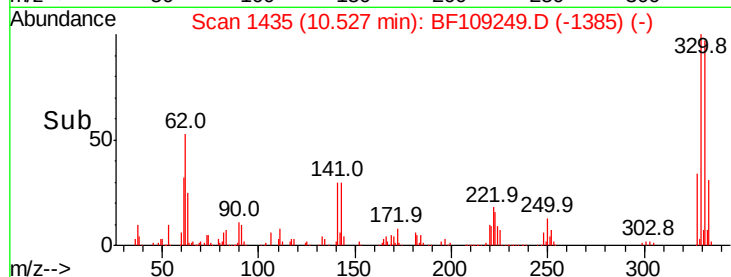
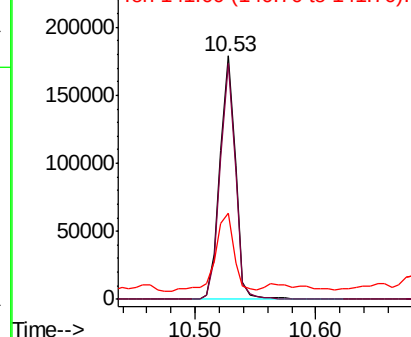
Tot Ion:	330	Resp:	157998
Ion Ratio	Lower	Upper	
330	100		
332	95.1	77.0	115.6
141	38.3	29.9	44.9

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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: 96.244 ng

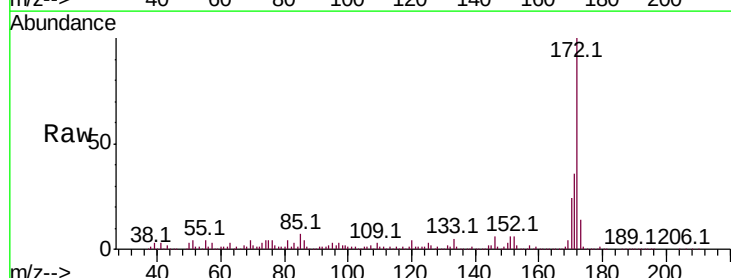
RT: 9.07 min Scan# 1187

Delta R.T. -0.01 min

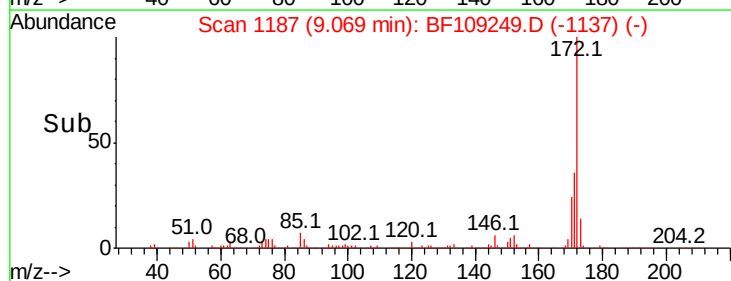
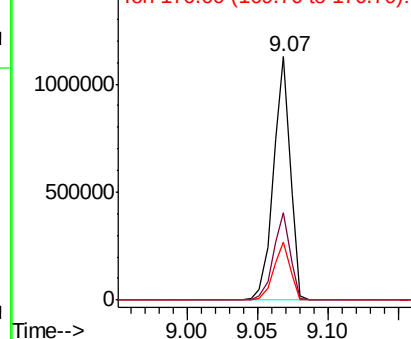
Lab File: BF109249.D

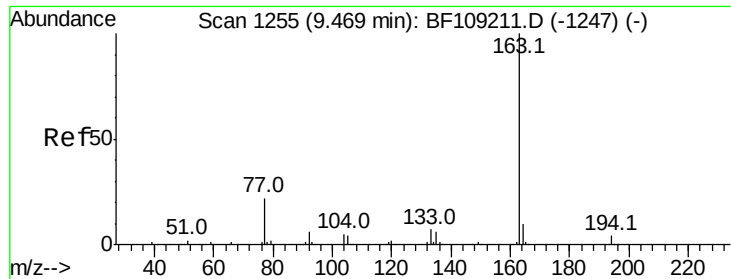
Acq: 23 Sep 2018 4:39

Tgt Ion:	172	Resp:	952450
Ion Ratio	Lower	Upper	
172	100		
171	36.0	29.7	44.5
170	24.1	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





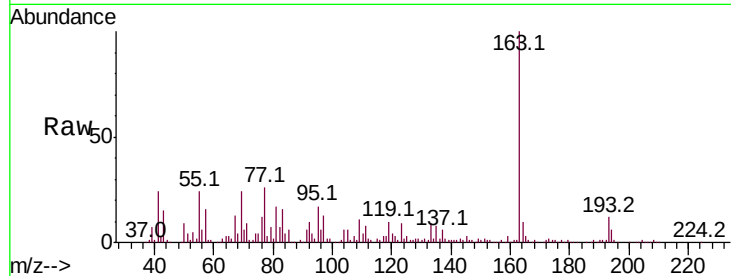
#49
Dimethylphthalate
Concen: 19.551 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109249.D
Acq: 23 Sep 2018 4:39

Instrument :
BNA_F
ClientSampleId :
RA-091918-S-SW-058

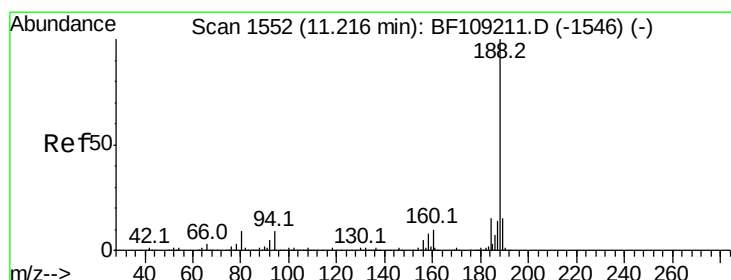
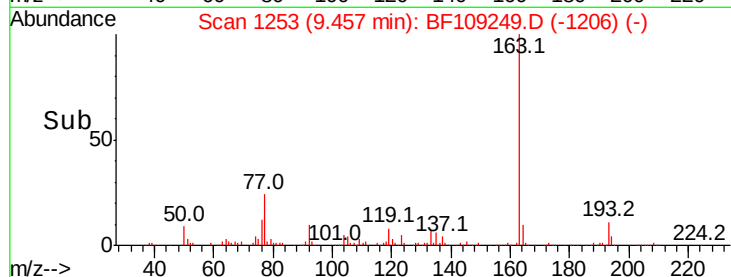
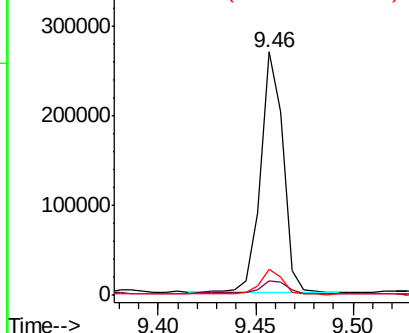
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	5.9	2.7	4.1#	
164	10.5	8.2	12.2	

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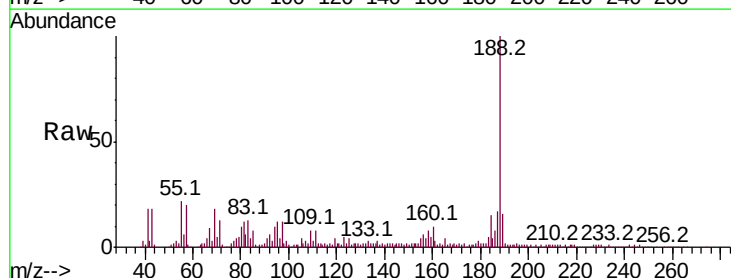


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

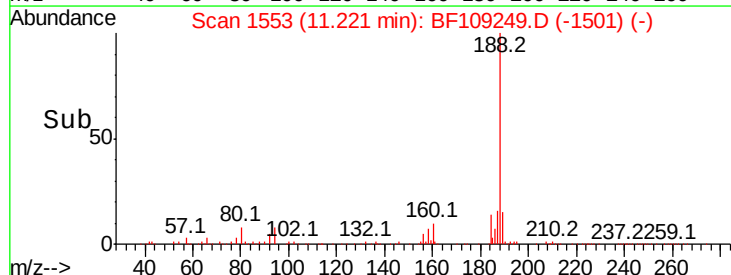
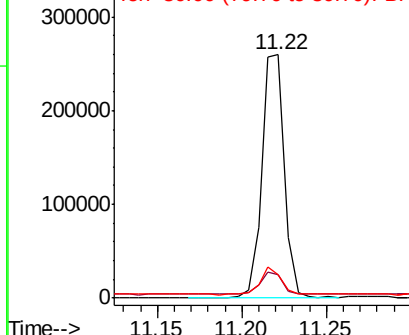


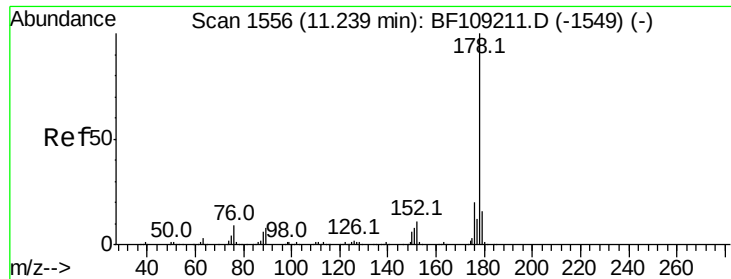
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.01 min
Lab File: BF109249.D
Acq: 23 Sep 2018 4:39

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





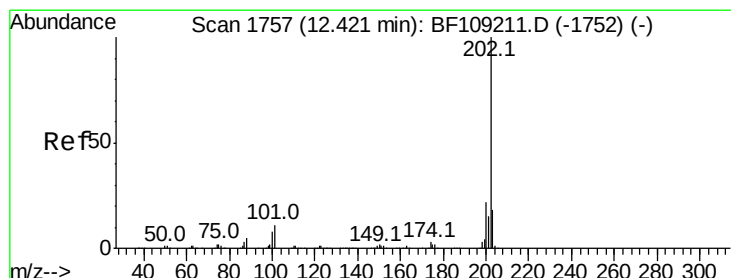
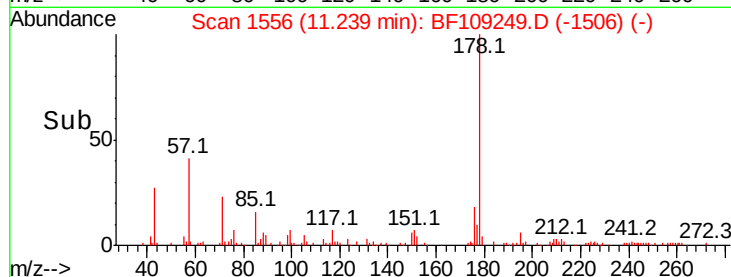
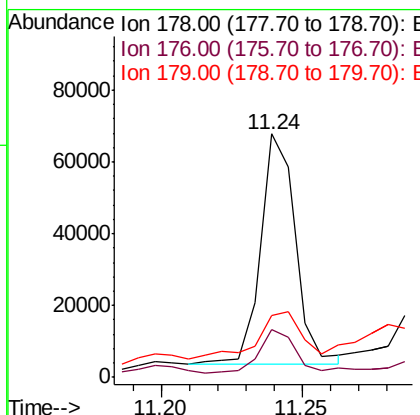
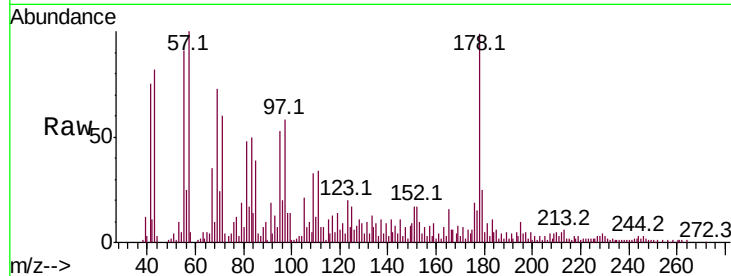
#70
Phenanthrene
Concen: 4.638 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF109249.D
Acq: 23 Sep 2018 4:39

Instrument :
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Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	25.4	13.0	19.6

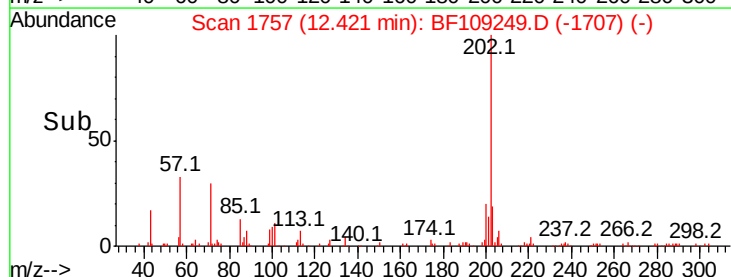
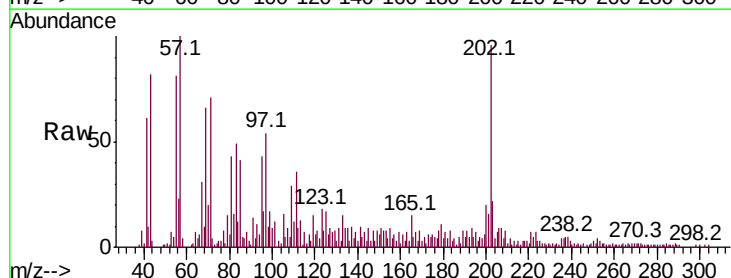
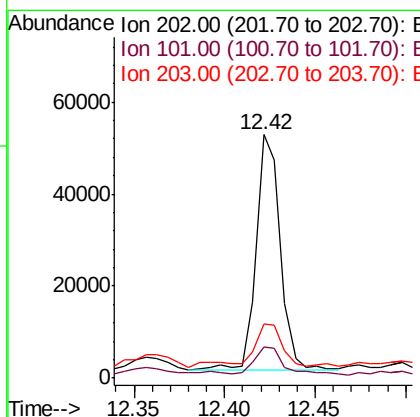
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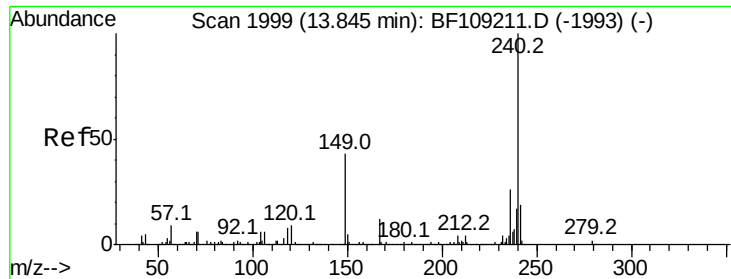
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#74
Fluoranthene
Concen: 3.780 ng
RT: 12.42 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BF109249.D
Acq: 23 Sep 2018 4:39

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	34.1
203	22.5	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: BF109249.D

Acq: 23 Sep 2018 4:39

Instrument :

BNA_F

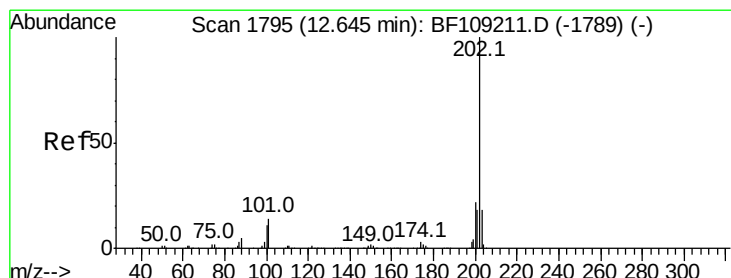
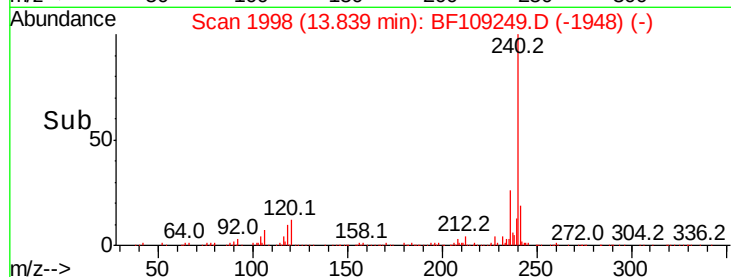
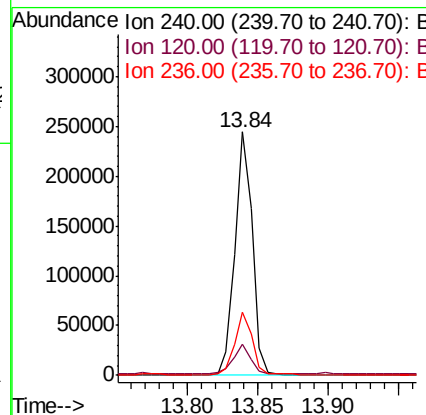
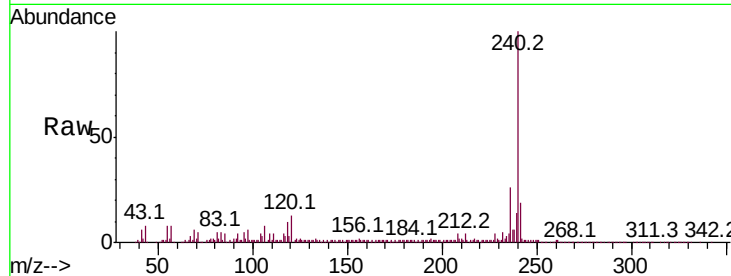
ClientSampleId :

RA-091918-S-SW-058

Tot Ion:	240	Resp:	207869
Ion Ratio	Lower	Upper	
240	100		
120	12.6	9.5	14.3
236	25.9	20.7	31.1

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#77

Pyrene

Concen: 4.330 ng

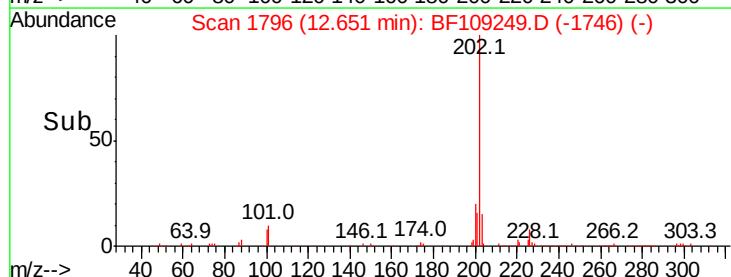
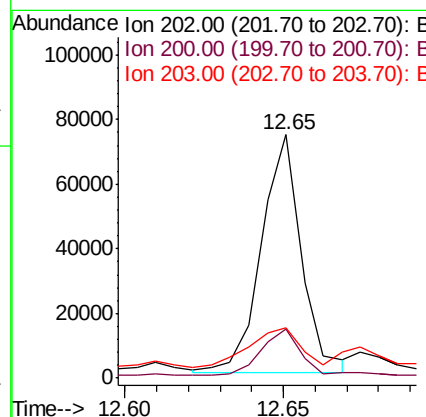
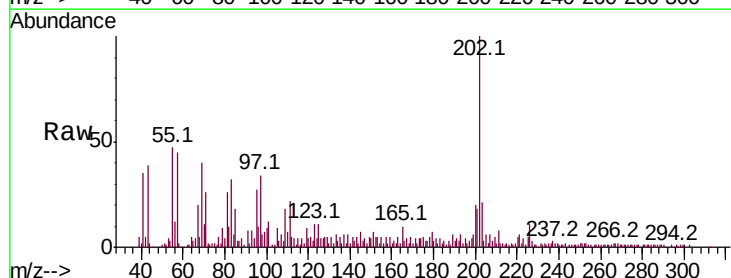
RT: 12.65 min Scan# 1796

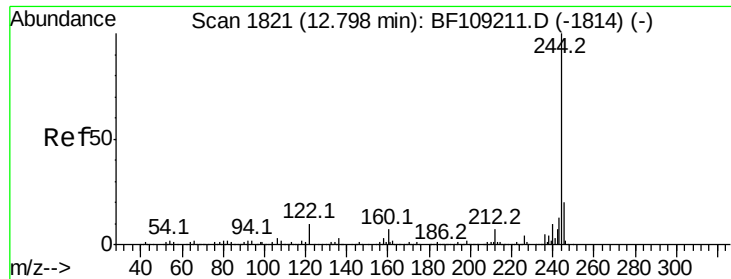
Delta R.T. -0.01 min

Lab File: BF109249.D

Acq: 23 Sep 2018 4:39

Tgt Ion:	202	Resp:	64507
Ion Ratio	Lower	Upper	
202	100		
200	20.2	17.4	26.2
203	20.9	14.3	21.5





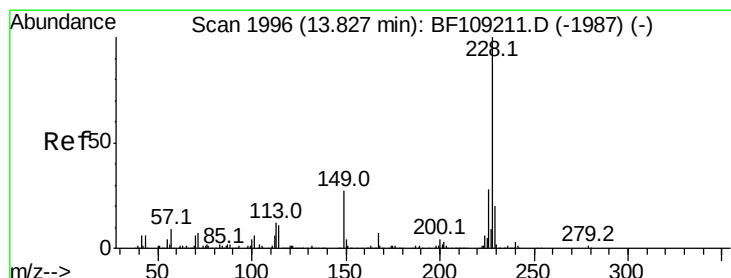
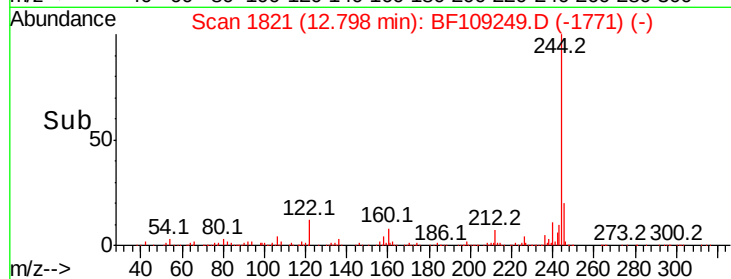
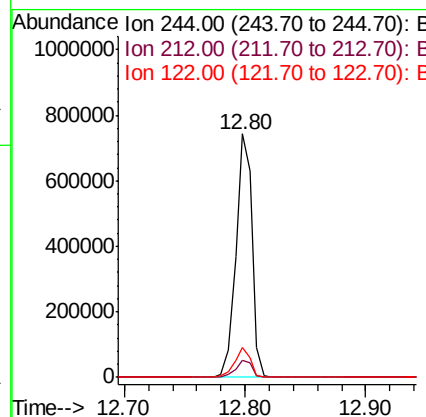
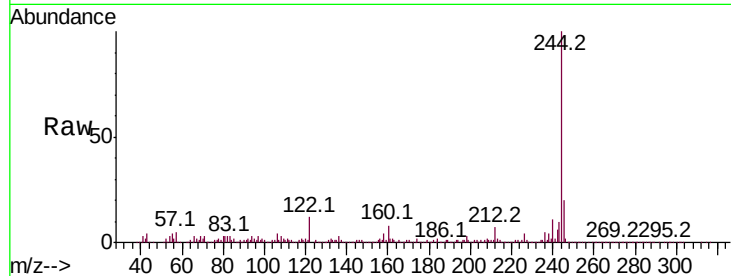
#78
 Terphenyl-d14
 Concen: 80.866 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BF109249.D
 Acq: 23 Sep 2018 4:39

Instrument :
 BNA_F
 ClientSampleId :
 RA-091918-S-SW-058

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.5	11.0	16.4

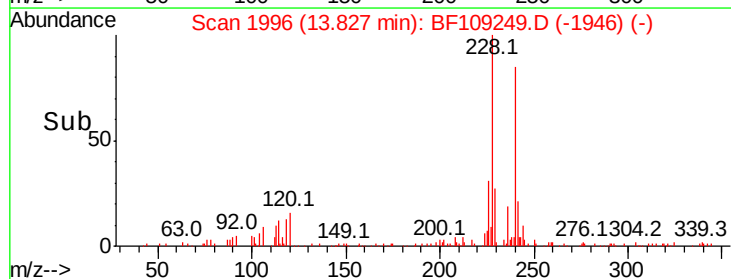
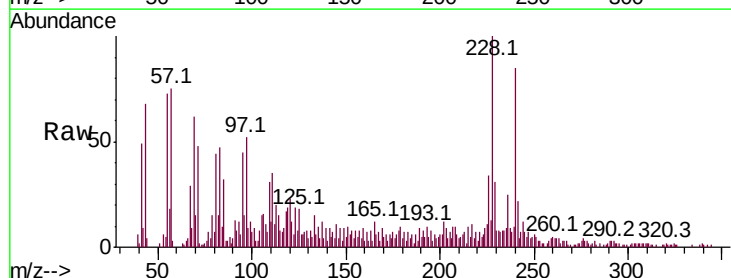
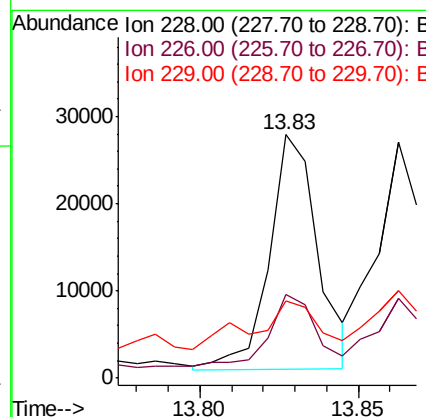
Manual Integrations
 APPROVED

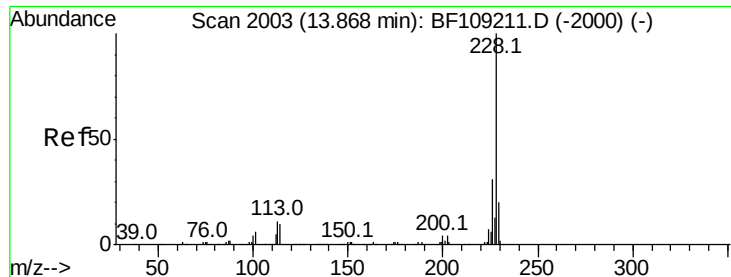
Sohil
 9/24/2018 11:39:20 AM



#80
 Benzo(a)anthracene
 Concen: 2.290 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF109249.D
 Acq: 23 Sep 2018 4:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.2	22.6	33.8#
229	31.5	15.8	23.6#





#82

Chrysene

Concen: 2.129 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF109249.D

Acq: 23 Sep 2018 4:39

Instrument :

BNA_F

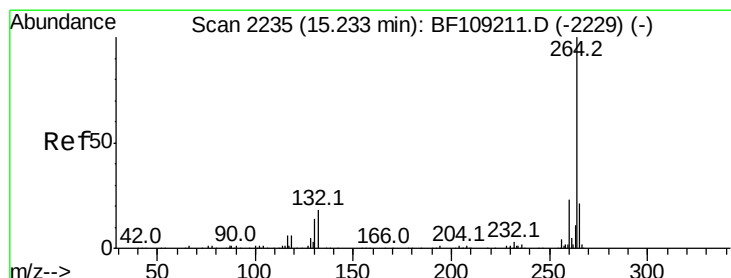
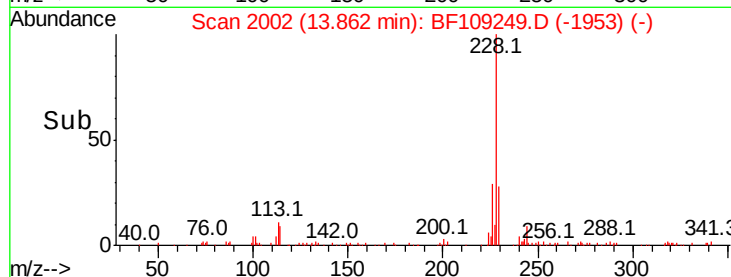
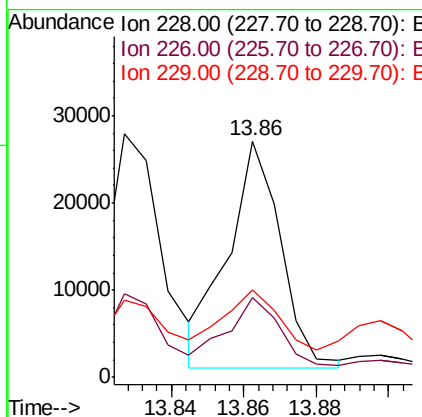
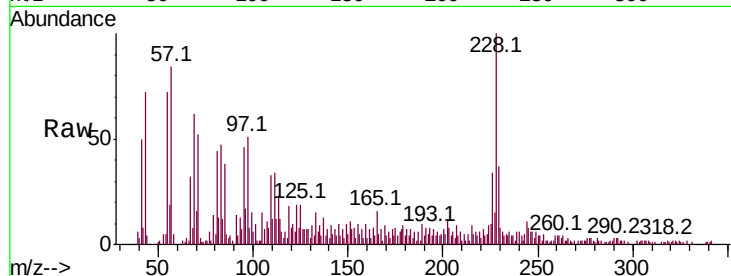
ClientSampleId :

RA-091918-S-SW-058

Tot Ion:	228	Resp:	26416
Ion Ratio	Lower	Upper	
228	100		
226	33.8	25.0	37.6
229	37.1	16.2	24.4

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#86

Perylene-d12

Concen: 20.000 ng

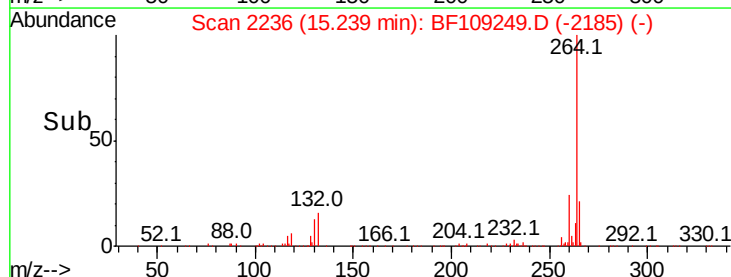
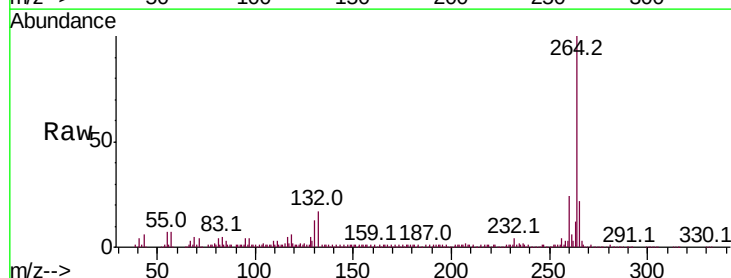
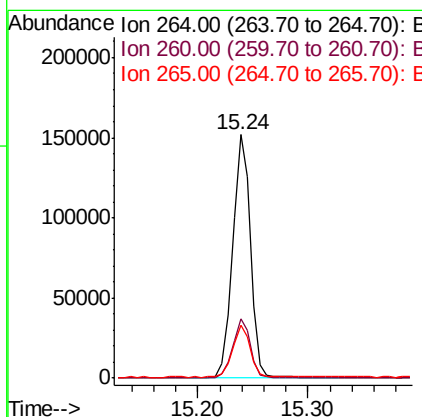
RT: 15.24 min Scan# 2236

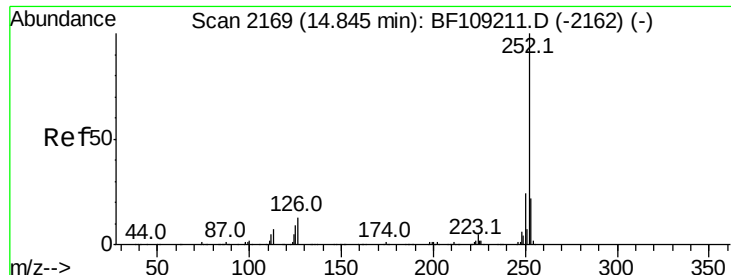
Delta R.T. -0.00 min

Lab File: BF109249.D

Acq: 23 Sep 2018 4:39

Tgt Ion:	264	Resp:	172745
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: 2.386 ng/mL
 RT: 14.84 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: BF109249.D
 Acq: 23 Sep 2018 4:39

Instrument :
 BNA_F
 ClientSampleId :
 RA-091918-S-SW-058

Tot Ion	Ratio	Lower	Upper
252	100		
253	31.4	17.0	25.6#
125	32.1	9.0	13.6#

Manual Integrations
 APPROVED

Sohil
 9/24/2018 11:39:20 AM

