

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
 Data File : BF109252.D
 Acq On : 23 Sep 2018 6:00
 Operator : JU/SJ
 Sample : J5017-07
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RA-091918-S-NW-061

Manual Integrations
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Sohil
 9/24/2018 3:53:35 PM

Quant Time: Sep 24 11:27:18 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	111098	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	394217	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	151103	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	207144	20.00	ng	0.01
75) Chrysene-d12	13.86	240	162795	20.00	ng	0.02
86) Perylene-d12	15.27	264	151237	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	754396	111.84	ng	0.00
7) Phenol-d6	6.35	99	973736	113.13	ng	-0.01
23) Nitrobenzene-d5	7.27	82	602465	90.22	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	158117	106.15	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	960171	95.84	ng	0.00
78) Terphenyl-d14	12.82	244	529829	79.87	ng	0.02
Target Compounds						
49) Dimethylphthalate	9.46	163	307320	27.963	ng	# 98
70) Phenanthrene	11.25	178	109247	10.563	ng	# 82
71) Anthracene	11.30	178	41613m	3.967	ng	
74) Fluoranthene	12.45	202	23633m	2.138	ng	
77) Pyrene	12.67	202	60588	5.193	ng	# 85
80) Benzo(a)anthracene	13.85	228	20451m	2.086	ng	
82) Chrysene	13.89	228	34715m	3.572	ng	

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

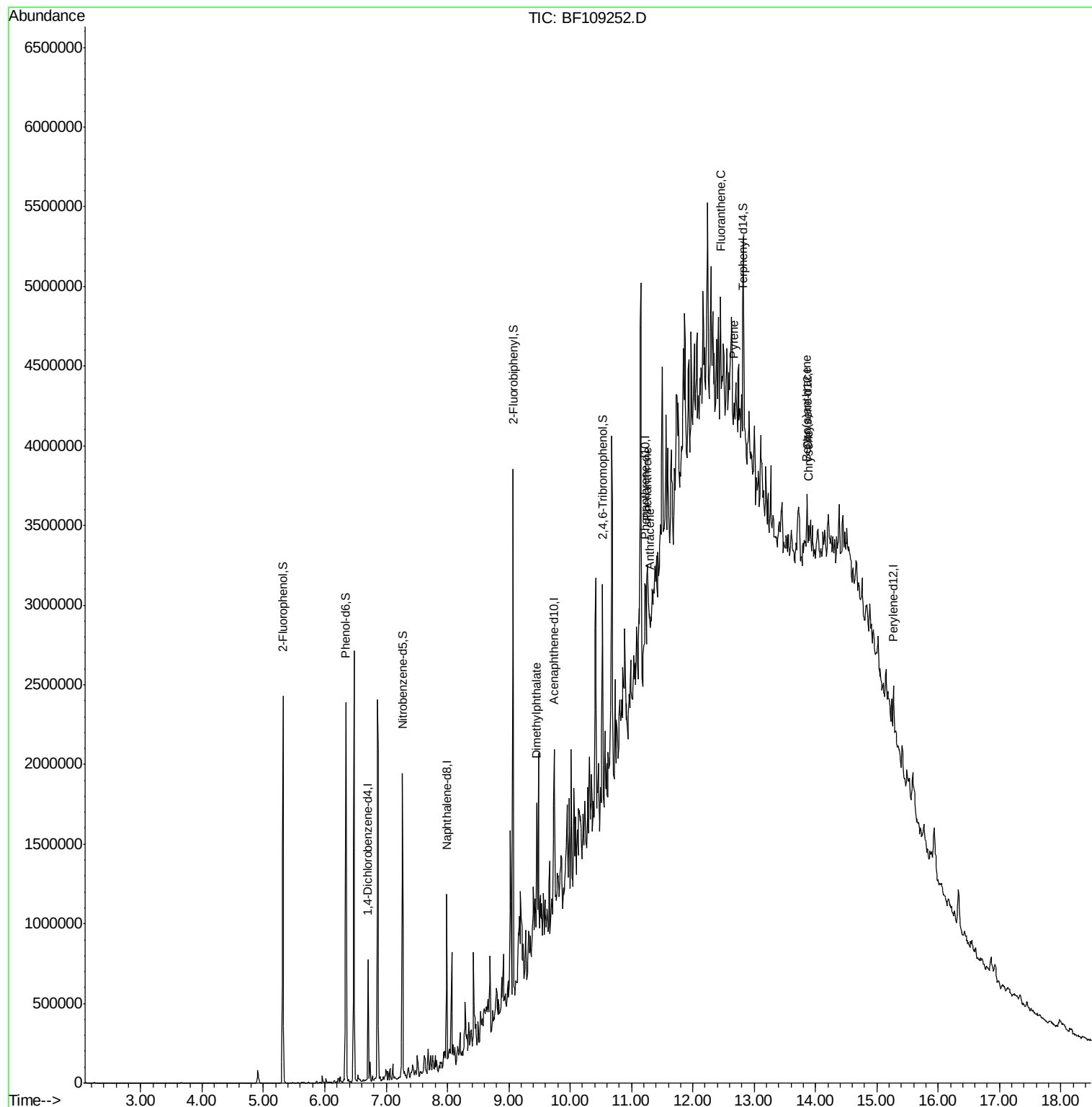
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
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ALS Vial : 34 Sample Multiplier: 1

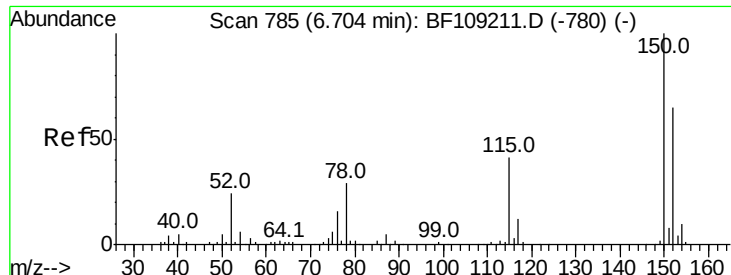
Instrument :
BNA_F
ClientSampleId :
RA-091918-S-NW-061

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Quant Time: Sep 24 11:27:18 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

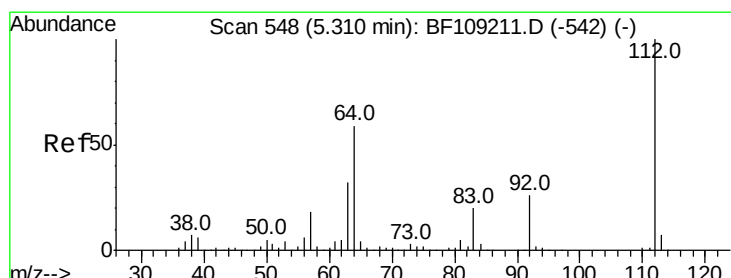
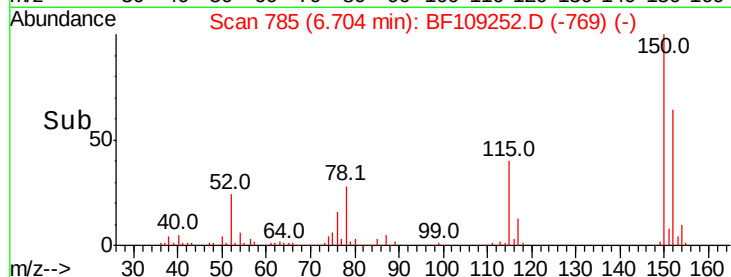
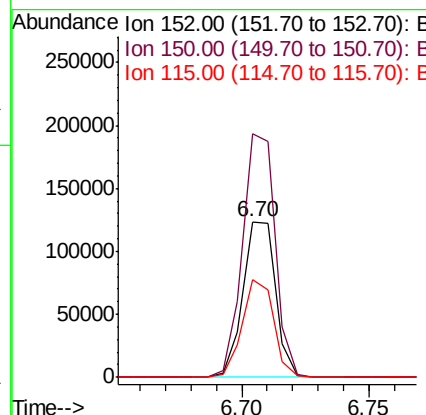
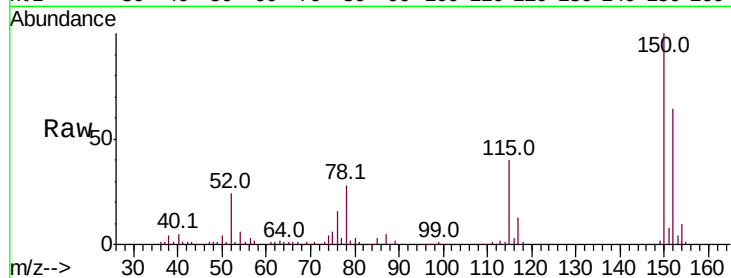
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109252.D
Acq: 23 Sep 2018 6:00

Instrument :
BNA_F
ClientSampleId :
RA-091918-S-NW-061

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.6	186.8
115	62.6	50.1	75.1

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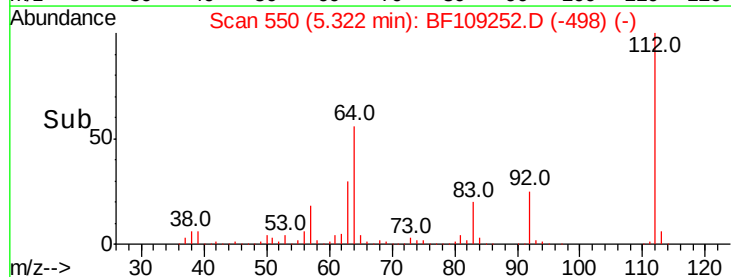
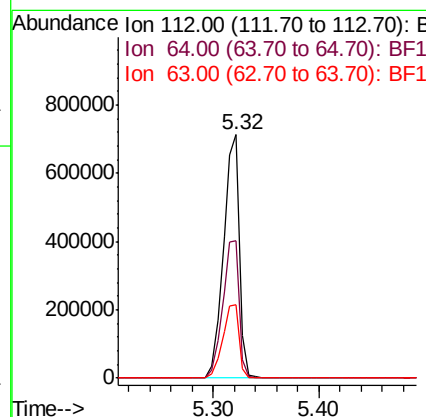
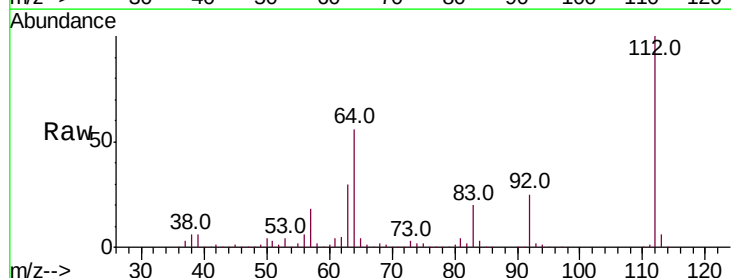
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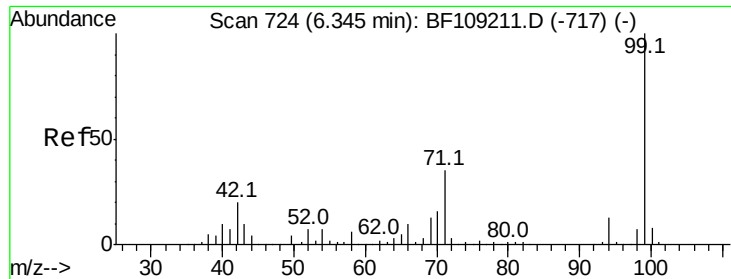


#5

2-Fluorophenol
Concen: 111.843 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF109252.D
Acq: 23 Sep 2018 6:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.3	47.9	71.9
63	29.9	23.7	35.5





#7

Phenol-d6

Concen: 113.132 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109252.D

Acq: 23 Sep 2018 6:00

Instrument :

BNA_F

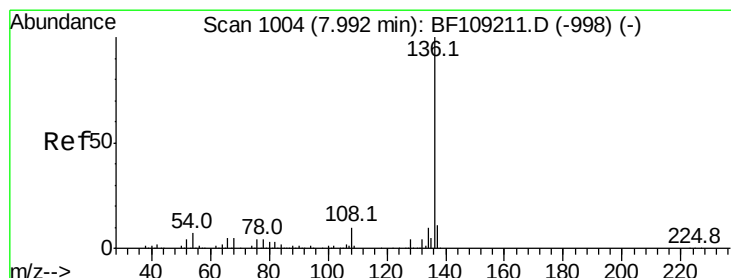
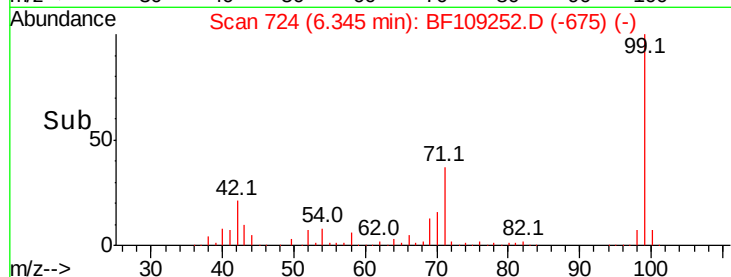
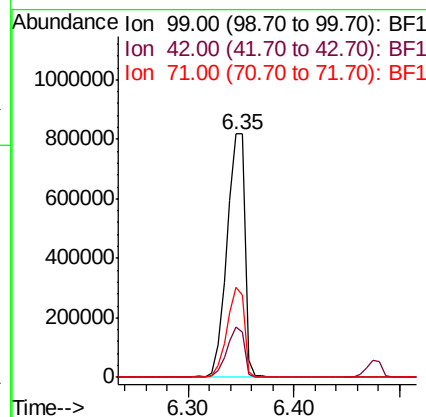
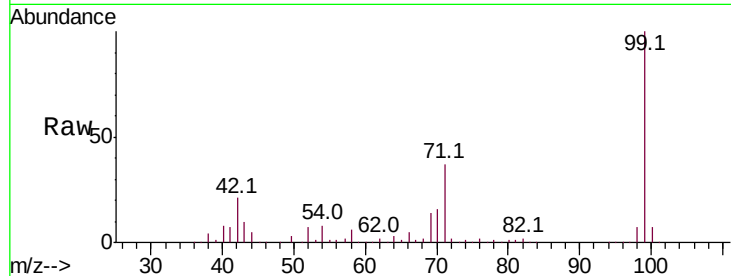
ClientSampleId :

RA-091918-S-NW-061

Tot Ion	Ratio	Resp	Lower	Upper
99	100	973736		
42	20.9	14.5	21.7	
71	37.2	25.4	38.0	

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#21

Naphthalene-d8

Concen: 20.000 ng

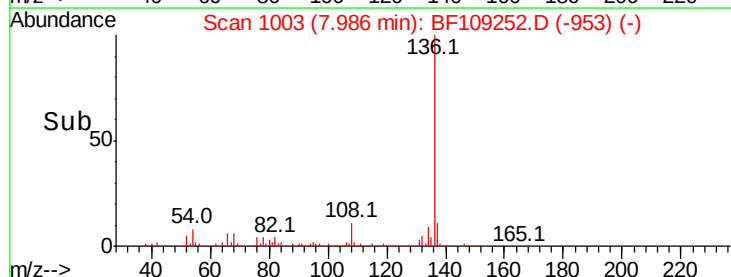
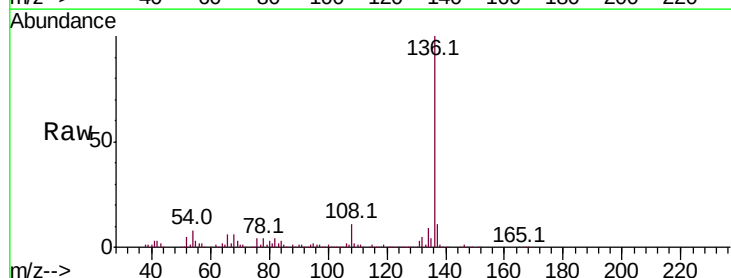
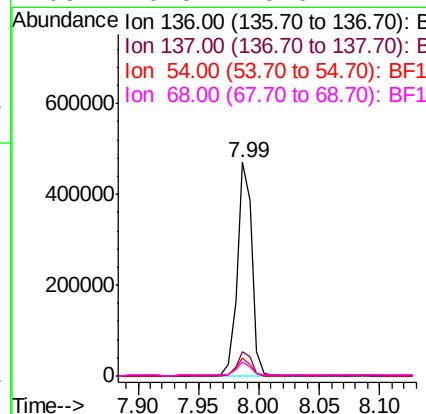
RT: 7.99 min Scan# 1003

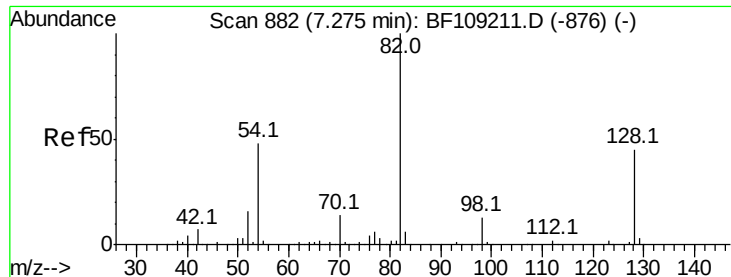
Delta R.T. -0.01 min

Lab File: BF109252.D

Acq: 23 Sep 2018 6:00

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	394217		
137	11.1	8.9	13.3	
54	8.1	6.6	9.8	
68	6.3	5.0	7.4	





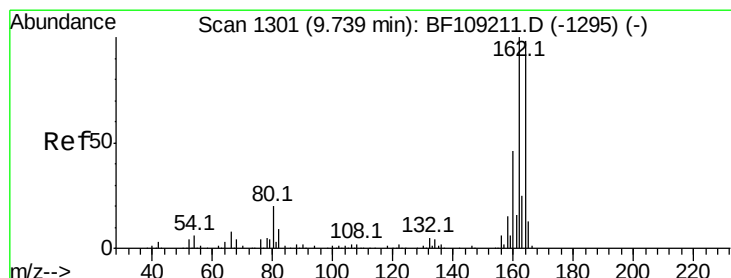
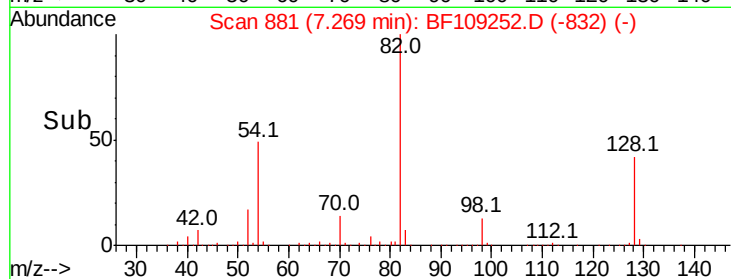
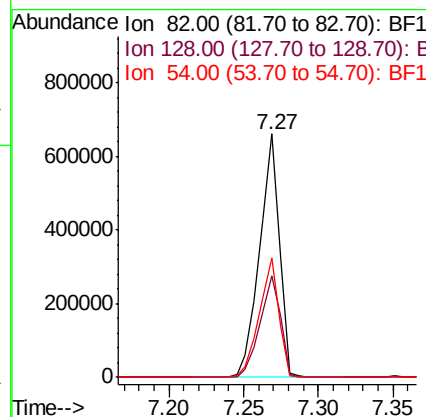
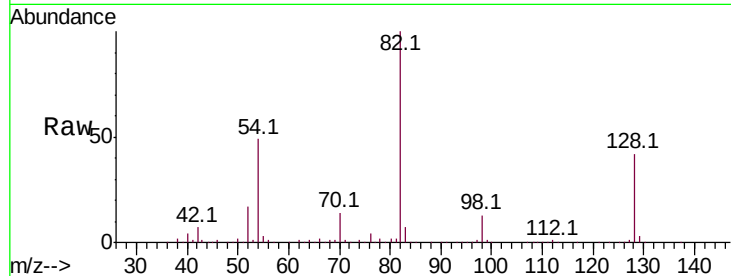
#23
 Nitrobenzene-d5
 Concen: 90.215 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109252.D
 Acq: 23 Sep 2018 6:00

Instrument :
 BNA_F
 ClientSampleId :
 RA-091918-S-NW-061

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.8	36.1	54.1
54	49.1	41.4	62.2

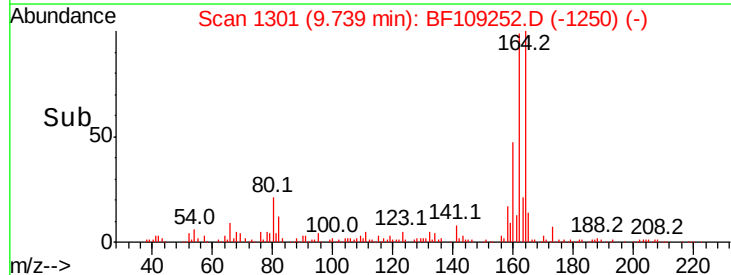
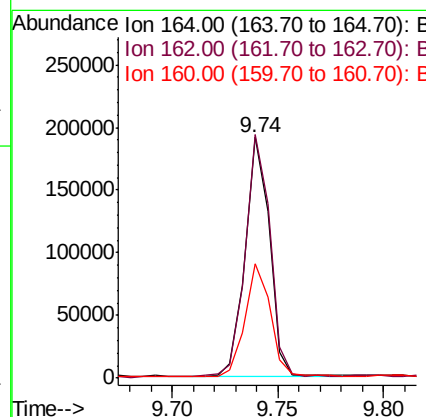
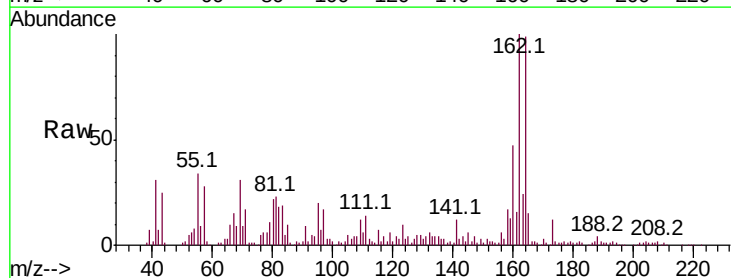
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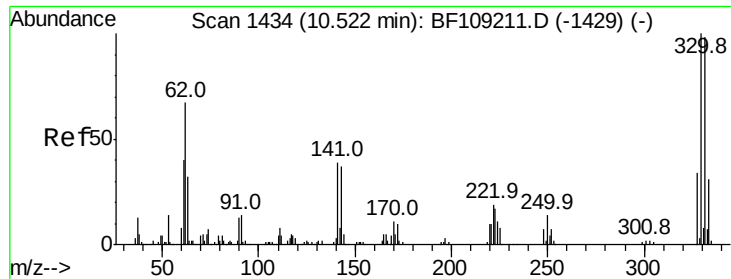
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF109252.D
 Acq: 23 Sep 2018 6:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	86.1	129.1
160	47.6	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 106.150 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF109252.D

Acq: 23 Sep 2018 6:00

Instrument :

BNA_F

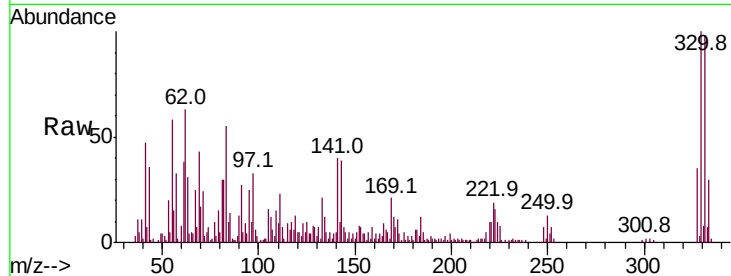
ClientSampleId :

RA-091918-S-NW-061

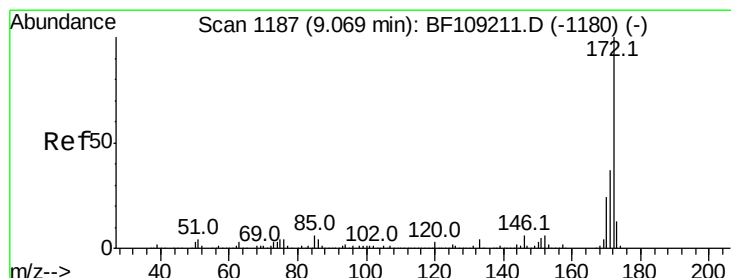
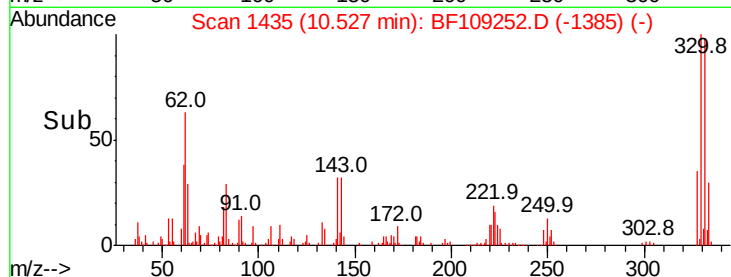
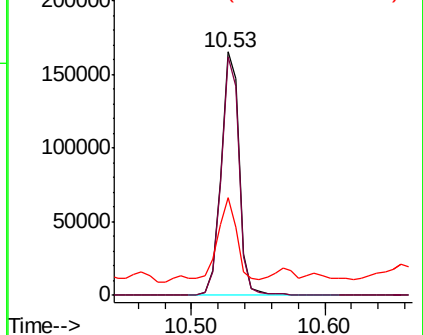
Tot Ion:	330	Resp:	158117
Ion Ratio	Lower	Upper	
330	100		
332	97.0	77.0	115.6
141	34.7	29.9	44.9

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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: 95.837 ng

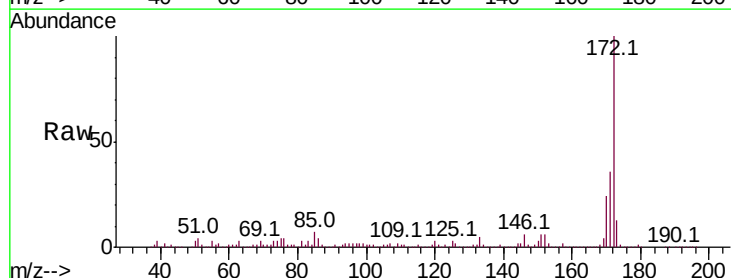
RT: 9.07 min Scan# 1187

Delta R.T. -0.01 min

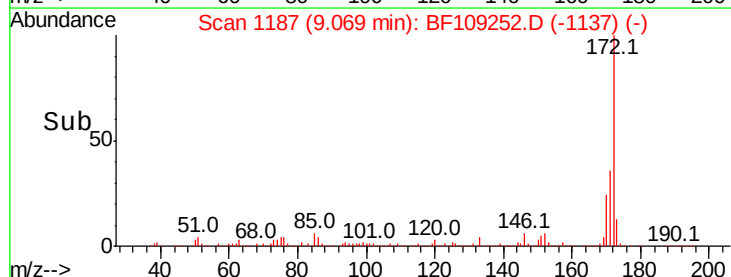
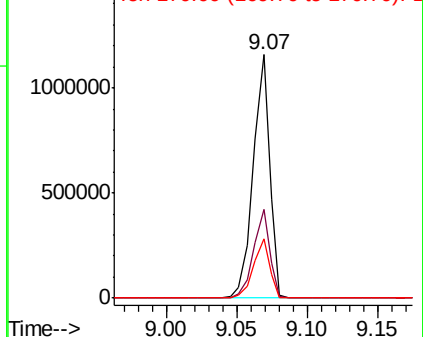
Lab File: BF109252.D

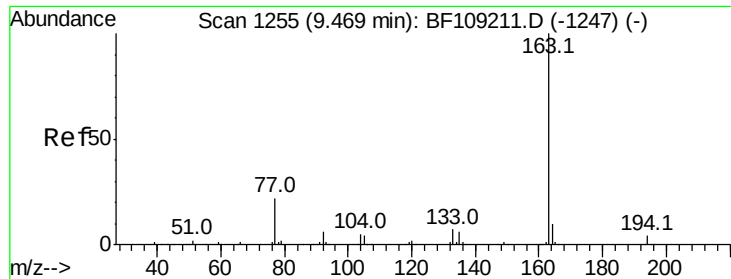
Acq: 23 Sep 2018 6:00

Tgt Ion:	172	Resp:	960171
Ion Ratio	Lower	Upper	
172	100		
171	36.2	29.7	44.5
170	24.3	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





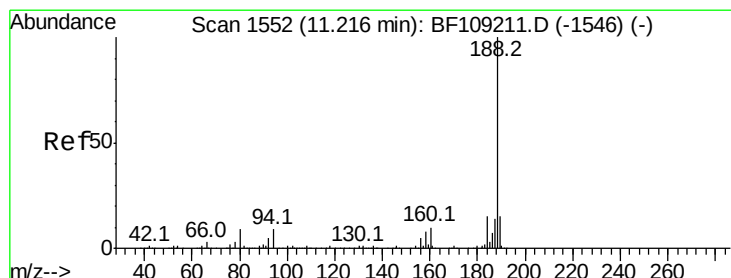
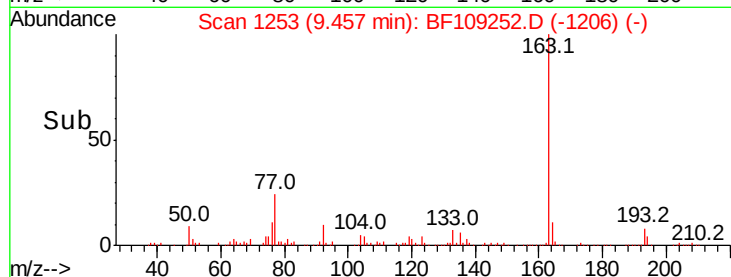
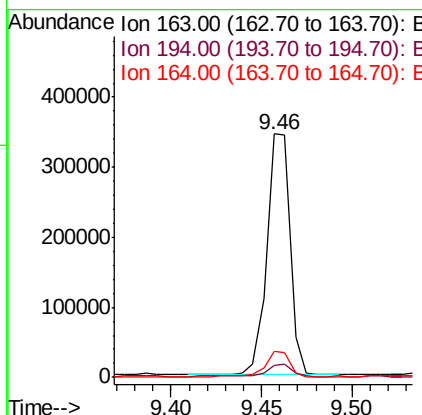
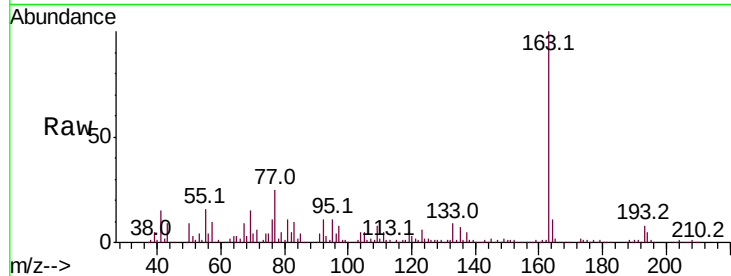
#49
 Dimethylphthalate
 Concen: 27.963 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF109252.D
 Acq: 23 Sep 2018 6:00

Instrument :
 BNA_F
 ClientSampleId :
 RA-091918-S-NW-061

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	5.1	2.7	4.1#	
164	10.7	8.2	12.2	

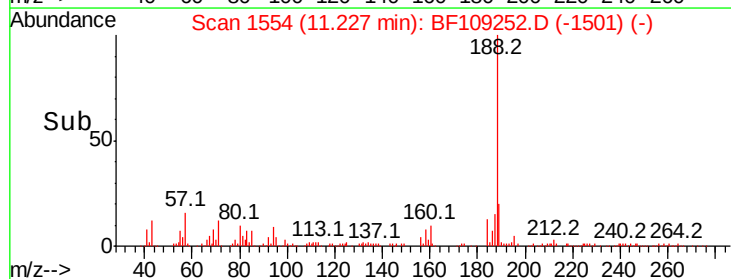
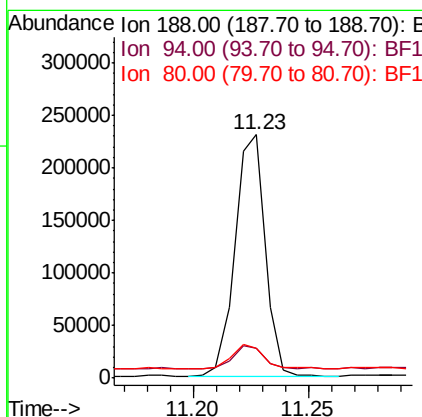
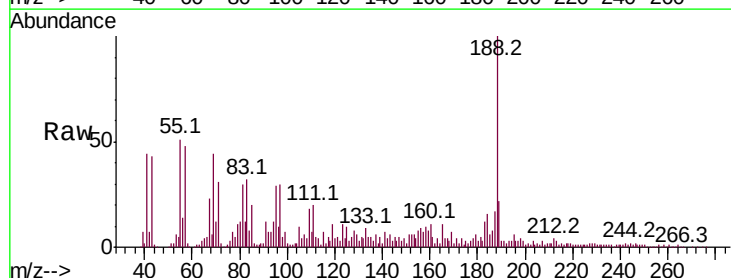
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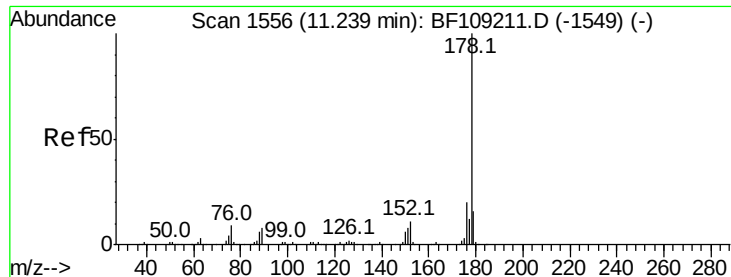
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#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. 0.01 min
 Lab File: BF109252.D
 Acq: 23 Sep 2018 6:00

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	12.0	8.5	12.7	
80	12.4	9.2	13.8	





#70

Phenanthrene

Concen: 10.563 ng

RT: 11.25 min Scan# 1558

Delta R.T. 0.01 min

Lab File: BF109252.D

Acq: 23 Sep 2018 6:00

Instrument :

BNA_F

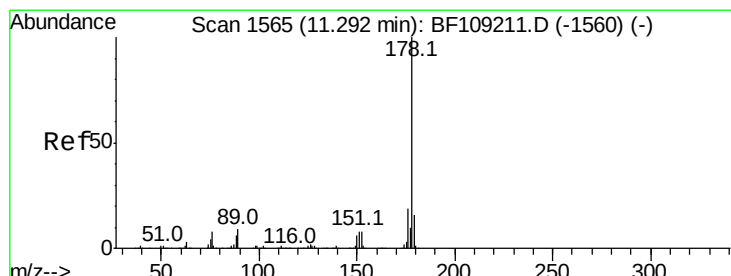
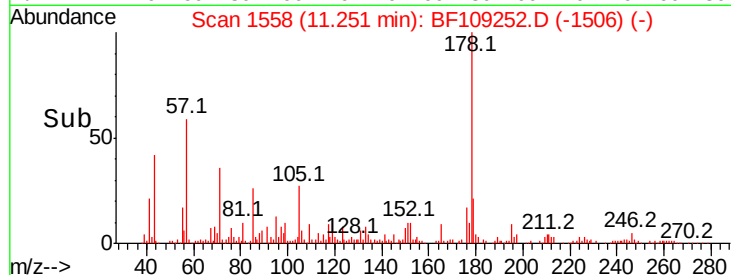
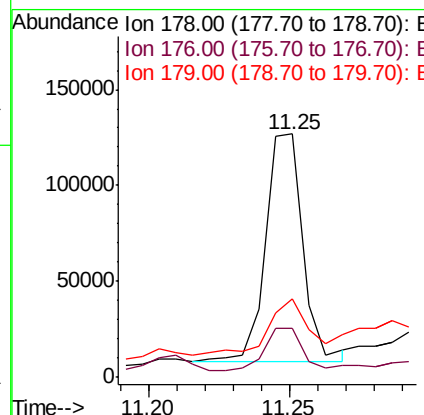
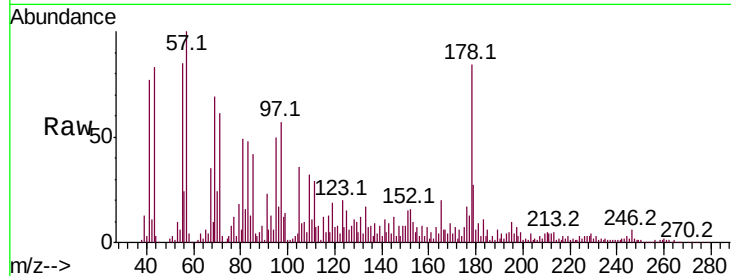
ClientSampleId :

RA-091918-S-NW-061

Tot Ion:178	Resp:	109247
Ion Ratio	Lower	Upper
178	100	
176	20.4	15.8 23.8
179	32.3	13.0 19.6#

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#71

Anthracene

Concen: 3.967 ng m

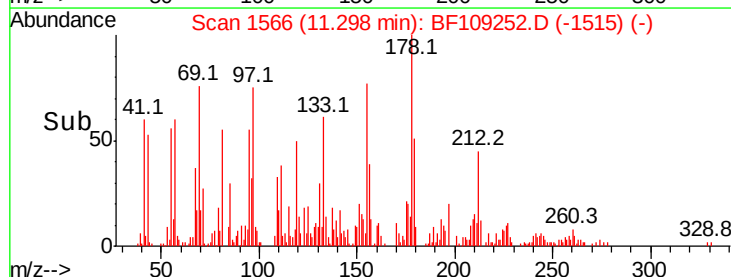
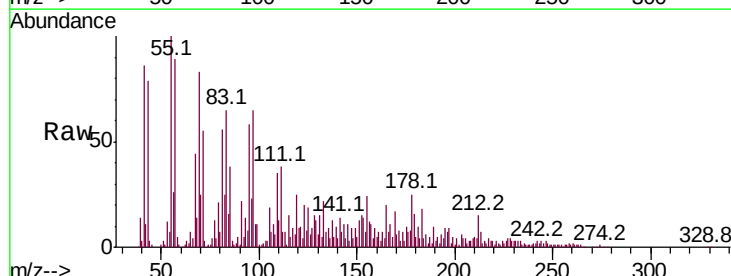
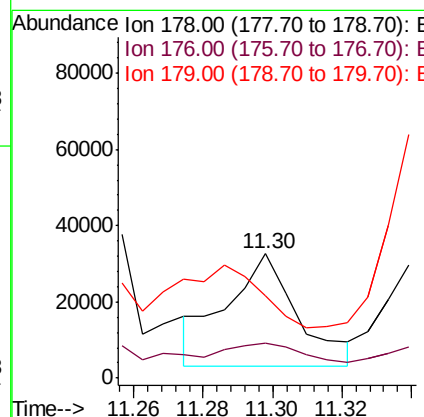
RT: 11.30 min Scan# 1566

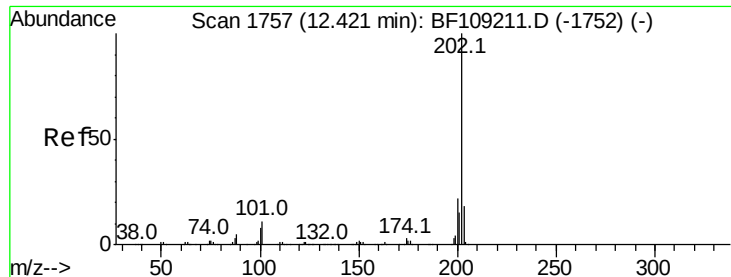
Delta R.T. 0.00 min

Lab File: BF109252.D

Acq: 23 Sep 2018 6:00

Tgt Ion:178	Resp:	41613
Ion Ratio	Lower	Upper
178	100	
176	27.8	15.4 23.2#
179	65.9	12.6 19.0#





#74

Fluoranthene

Concen: 2.138 ng/mL

RT: 12.45 min Scan# 1762

Delta R.T. 0.02 min

Lab File: BF109252.D

Acq: 23 Sep 2018 6:00

Instrument :

BNA_F

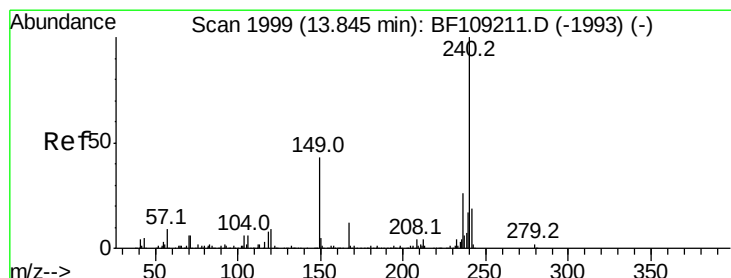
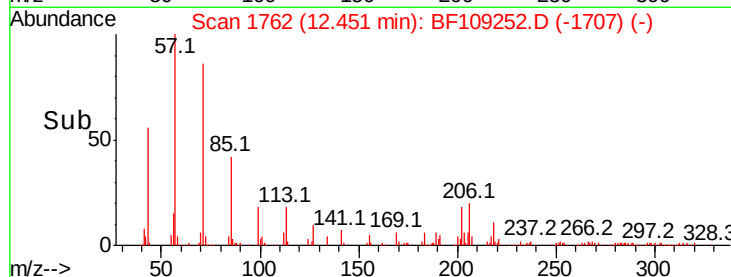
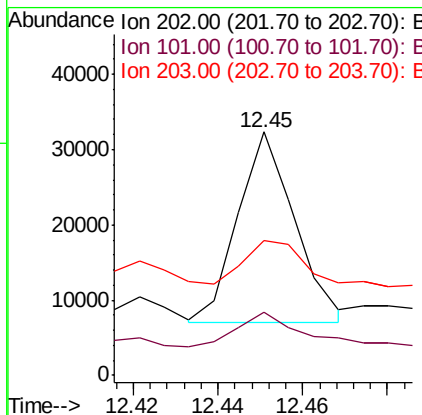
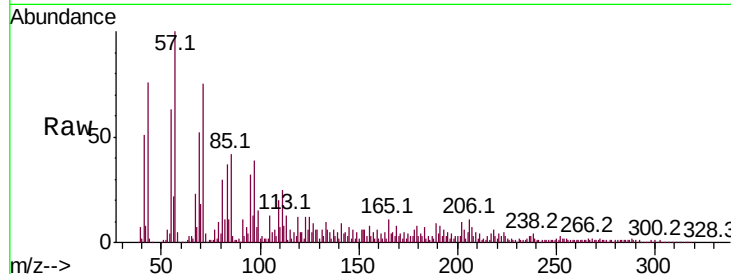
ClientSampleId :

RA-091918-S-NW-061

Tot Ion:	202	Resp:	23633
Ion Ratio	Lower	Upper	
202	100		
101	26.1	0.0	34.1
203	55.6	0.0	38.1#

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#75

Chrysene-d12

Concen: 20.000 ng/mL

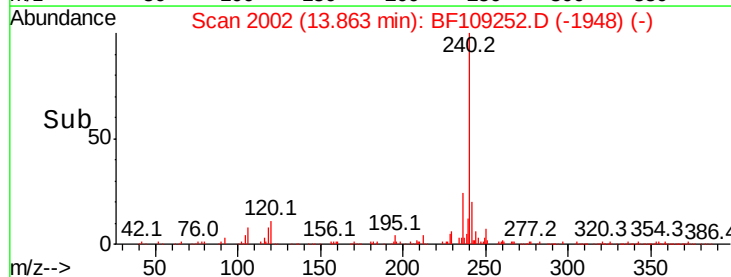
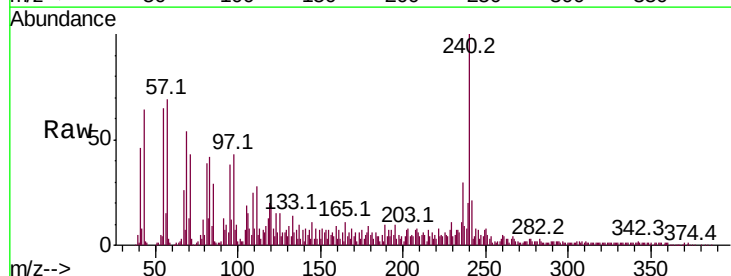
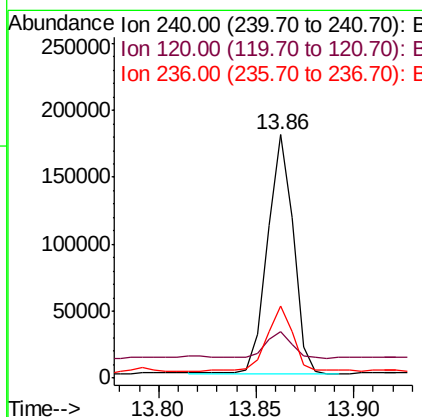
RT: 13.86 min Scan# 2002

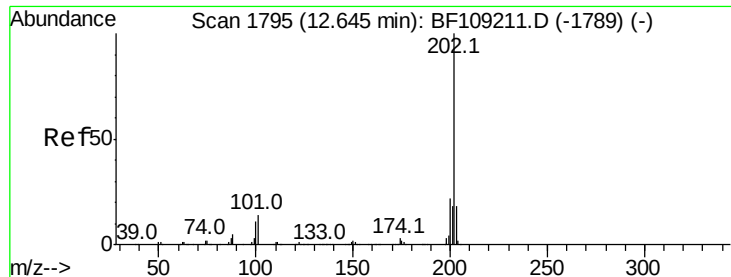
Delta R.T. 0.02 min

Lab File: BF109252.D

Acq: 23 Sep 2018 6:00

Tgt Ion:	240	Resp:	162795
Ion Ratio	Lower	Upper	
240	100		
120	19.2	9.5	14.3#
236	29.6	20.7	31.1





#77

Pvrene

Concen: 5.193 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.02 min

Lab File: BF109252.D

Acq: 23 Sep 2018 6:00

Instrument :

BNA_F

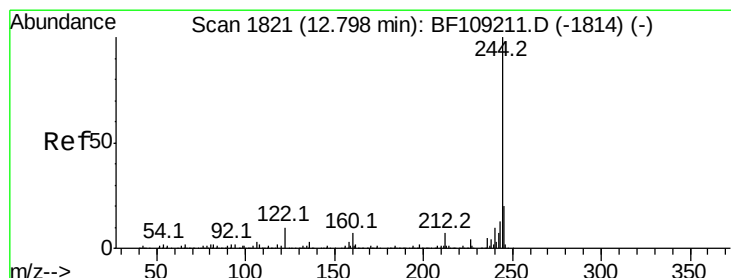
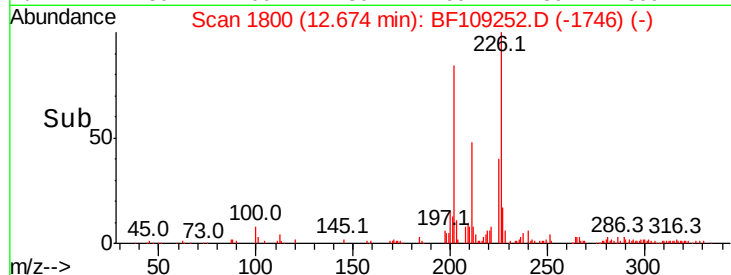
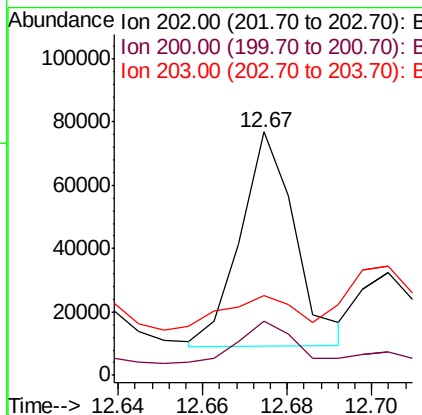
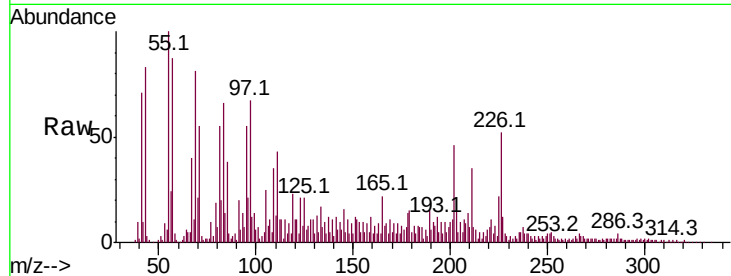
ClientSampleId :

RA-091918-S-NW-061

Tot Ion:	202	Resp:	60588
Ion Ratio	Lower	Upper	
202	100		
200	22.1	17.4	26.2
203	32.7	14.3	21.5#

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#78

Terphenyl-d14

Concen: 79.873 ng

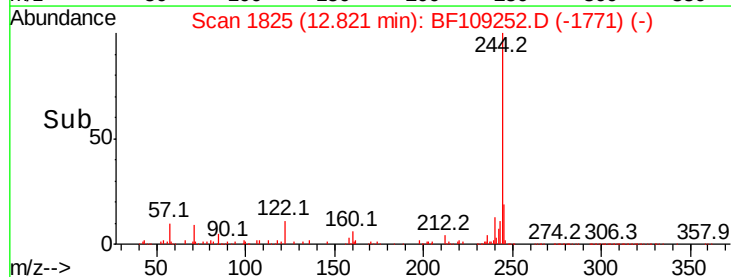
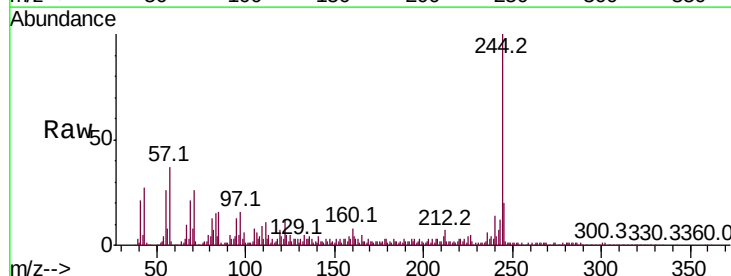
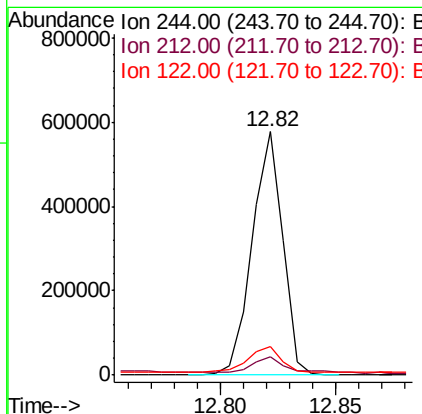
RT: 12.82 min Scan# 1825

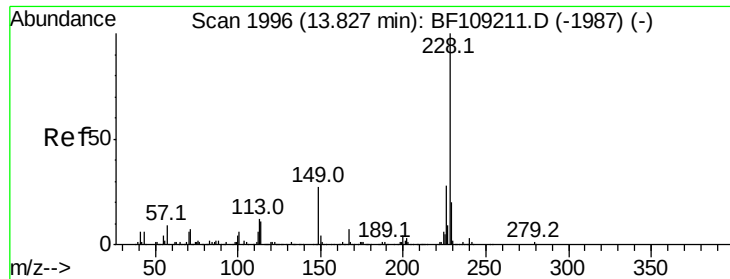
Delta R.T. 0.02 min

Lab File: BF109252.D

Acq: 23 Sep 2018 6:00

Tgt Ion:	244	Resp:	529829
Ion Ratio	Lower	Upper	
244	100		
212	7.4	5.4	8.0
122	12.0	11.0	16.4





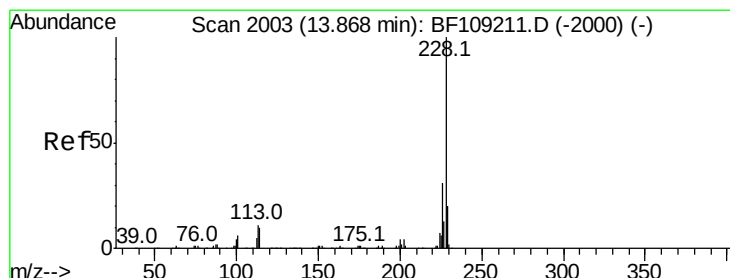
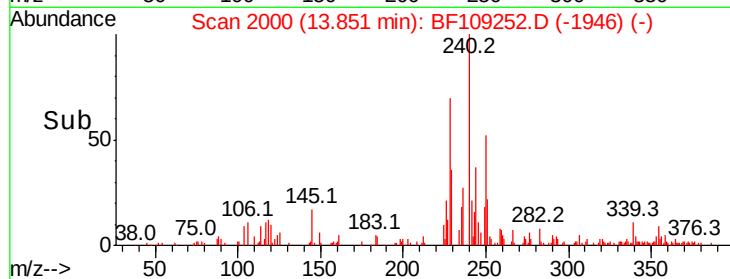
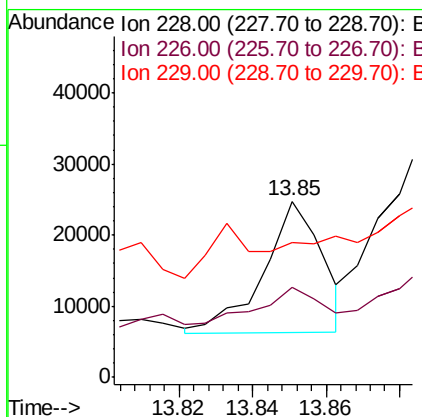
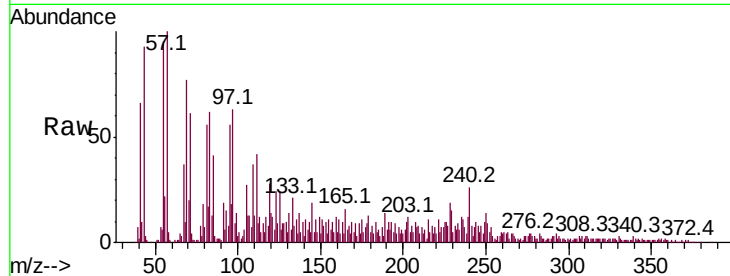
#80
Benzo(a)anthracene
Concen: 2.086 ng m
RT: 13.85 min Scan# 2000
Delta R.T. 0.02 min
Lab File: BF109252.D
Acq: 23 Sep 2018 6:00

Instrument :
BNA_F
ClientSampleId :
RA-091918-S-NW-061

Tot Ion	Ratio	Lower	Upper
228	100		
226	51.2	22.6	33.8#
229	76.2	15.8	23.6#

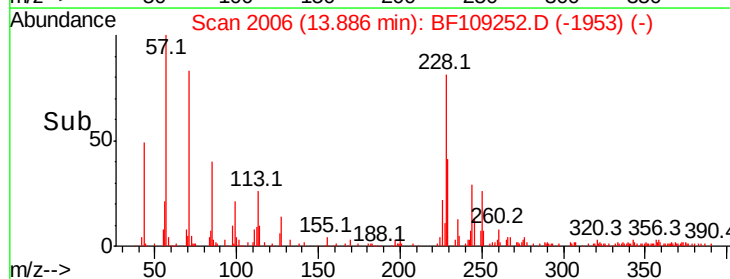
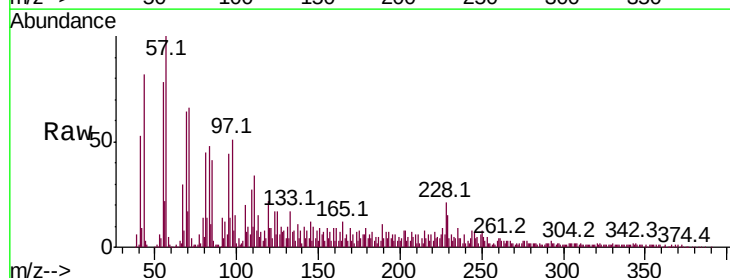
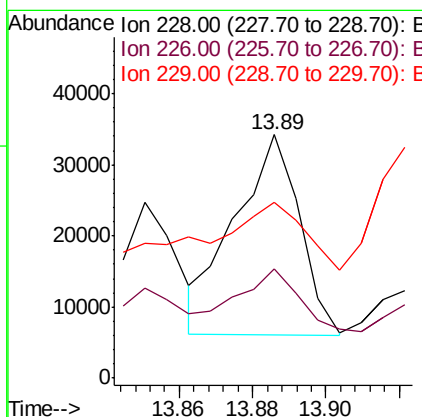
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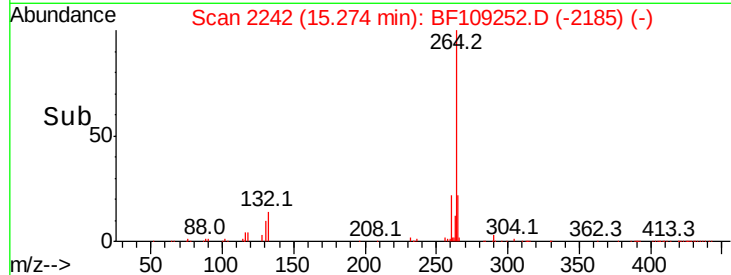
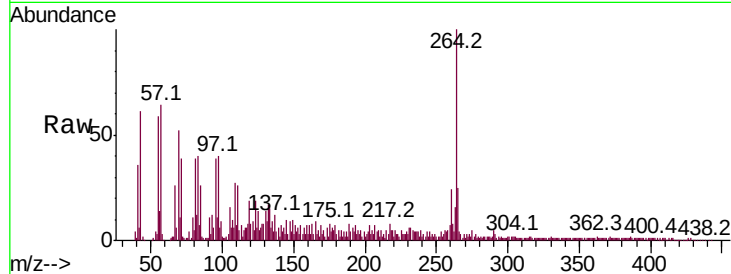
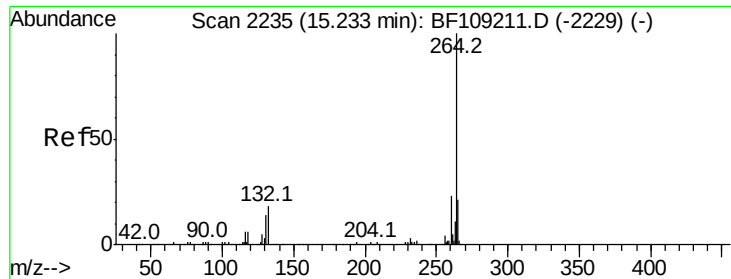
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#82
Chrysene
Concen: 3.572 ng m
RT: 13.89 min Scan# 2006
Delta R.T. 0.01 min
Lab File: BF109252.D
Acq: 23 Sep 2018 6:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	44.7	25.0	37.6#
229	72.1	16.2	24.4#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.04 min
Lab File: BF109252.D
Acq: 23 Sep 2018 6:00

Instrument :
BNA_F
ClientSampleId :
RA-091918-S-NW-061

Tot Ion:	264	Resp:	151237
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.2	28.8
265	24.9	17.5	26.3

Manual Integrations
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