

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
 Data File : BF109061.D
 Acq On : 17 Sep 2018 21:08
 Operator : JU/SJ
 Sample : J4936-15
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 138-KV

Manual Integrations
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Sohil
 9/18/2018 6:00:20 PM

Quant Time: Sep 18 06:53:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	131276	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	451975	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	197650	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	355441	20.00	ng	0.00
75) Chrysene-d12	13.85	240	321582	20.00	ng	0.00
86) Perylene-d12	15.26	264	252465	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	602873	76.27	ng	0.00
7) Phenol-d6	6.35	99	758251	74.40	ng	0.00
23) Nitrobenzene-d5	7.28	82	475444	59.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	151076	70.43	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	797962	63.25	ng	0.00
78) Terphenyl-d14	12.81	244	720707	53.12	ng	0.00
Target Compounds						
31) Naphthalene	8.02	128	347947	16.586	ng	99
37) 2-Methylnaphthalene	8.72	142	356744	26.088	ng	99
45) 1,1'-Biphenyl	9.18	154	44124	2.790	ng	96
49) Dimethylphthalate	9.47	163	107754	7.628	ng	# 98
54) Dibenzofuran	9.95	168	113023	6.578	ng	# 94
70) Phenanthrene	11.25	178	297306	17.063	ng	99
74) Fluoranthene	12.44	202	96174	5.228	ng	98
77) Pyrene	12.66	202	88288	3.696	ng	97
80) Benzo(a)anthracene	13.84	228	60118	3.088	ng	# 83
82) Chrysene	13.88	228	94540	4.853	ng	# 92
83) Bis(2-ethylhexyl)phthalate	13.85	149	27206	2.106	ng	# 96
87) Benzo(b)fluoranthene	14.86	252	58080m	4.158	ng	
89) Benzo(a)pyrene	15.20	252	26769	2.158	ng	# 81

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

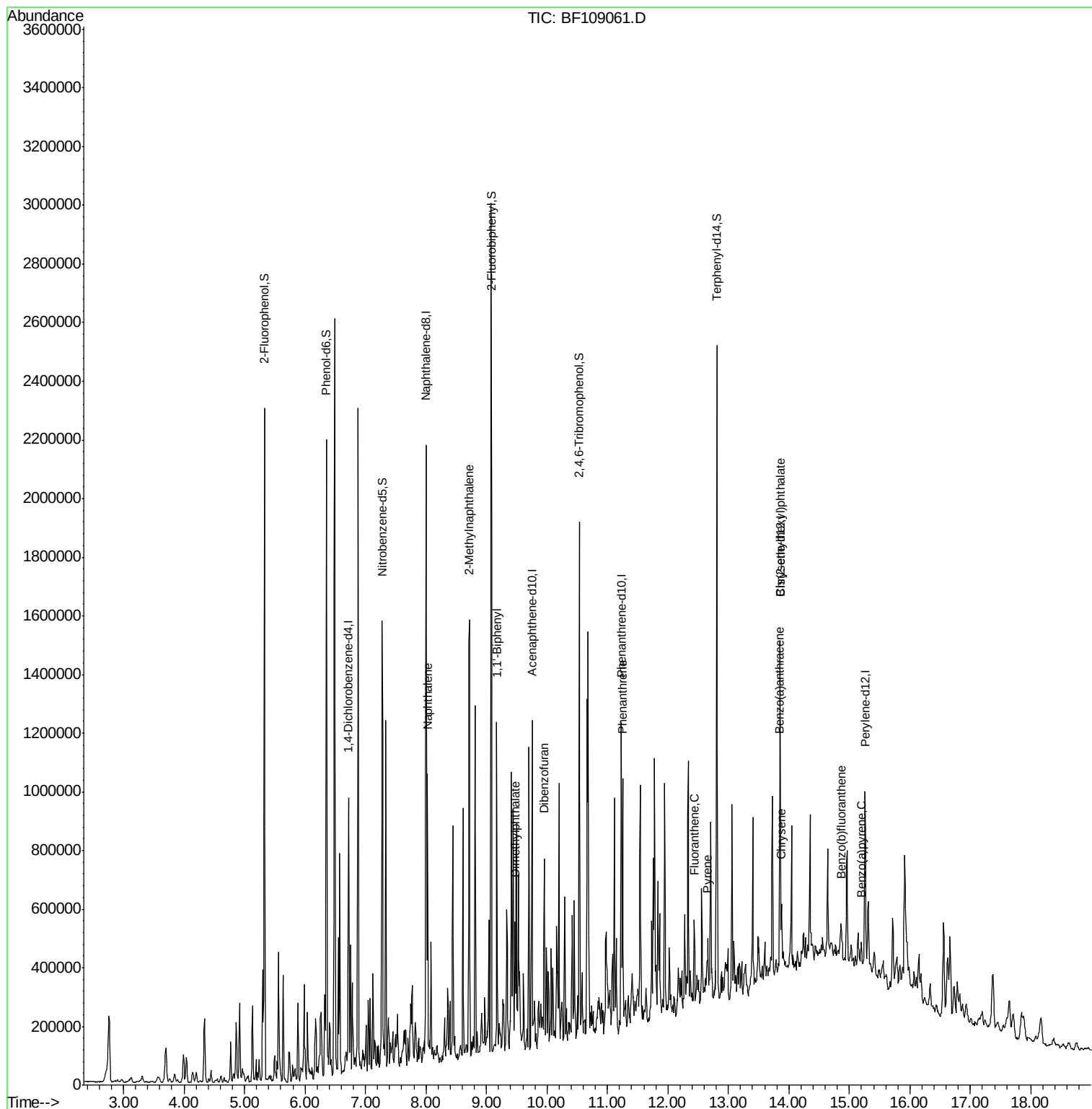
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
Data File : BF109061.D
Acq On : 17 Sep 2018 21:08
Operator : JU/SJ
Sample : J4936-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

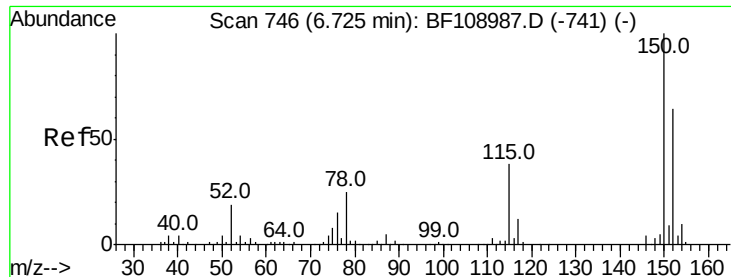
Instrument :
BNA_F
ClientSampleId :
138-KV

Quant Time: Sep 18 06:53:32 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
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#1

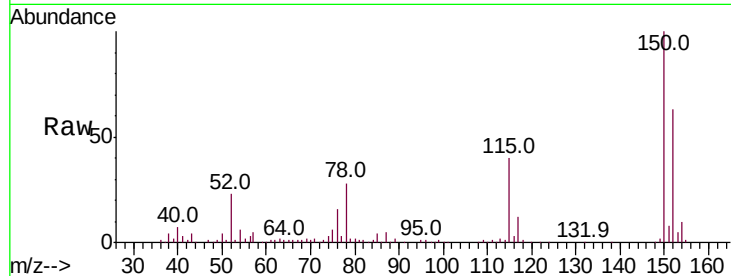
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109061.D
Acq: 17 Sep 2018 21:08

Instrument :
BNA_F
ClientSampleId :
138-KV

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.6	186.8
115	63.7	50.1	75.1

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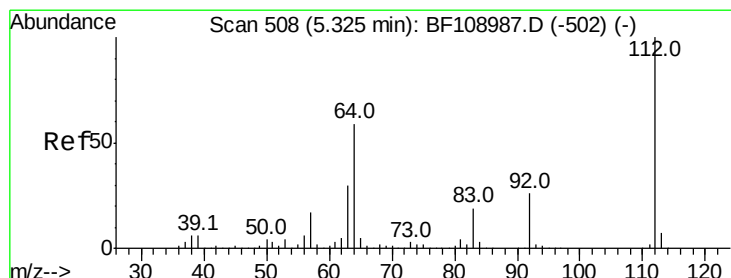
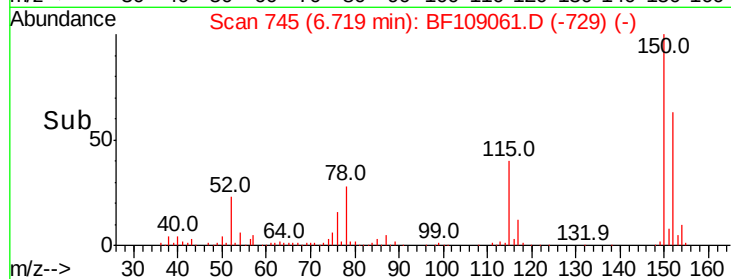
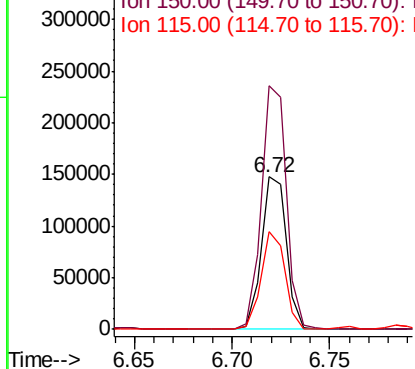


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

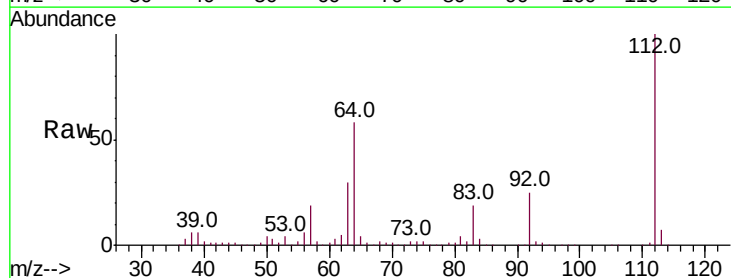
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 76.275 ng
RT: 5.33 min Scan# 509
Delta R.T. 0.01 min
Lab File: BF109061.D
Acq: 17 Sep 2018 21:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	47.9	71.9
63	30.1	23.7	35.5

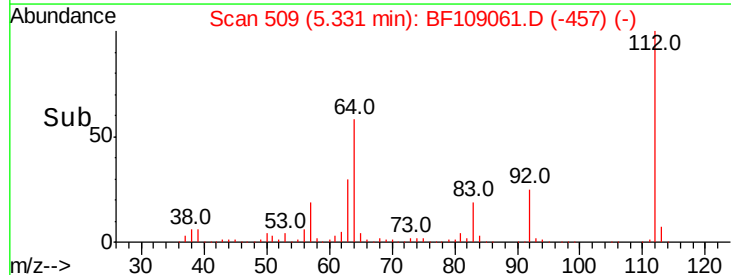
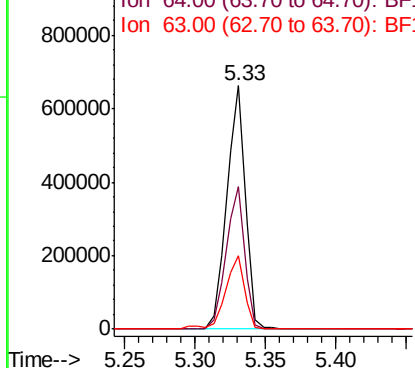


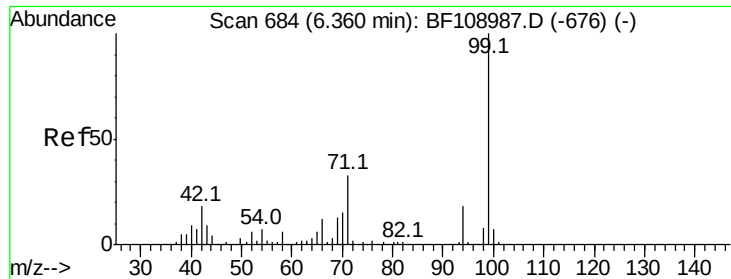
Abundance

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: 74.398 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF109061.D

Acq: 17 Sep 2018 21:08

Instrument :

BNA_F

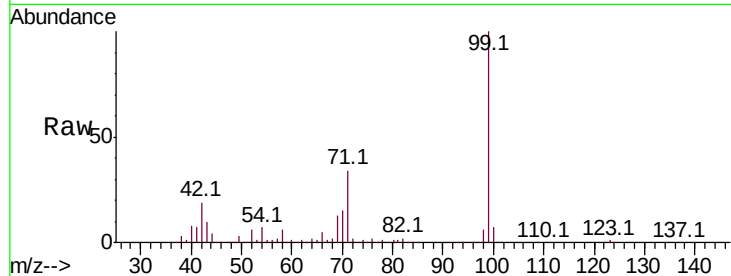
ClientSampled :

138-KV

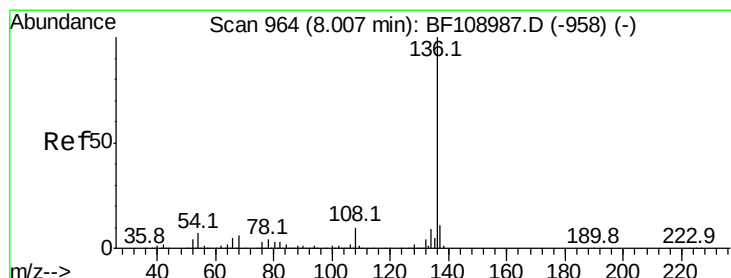
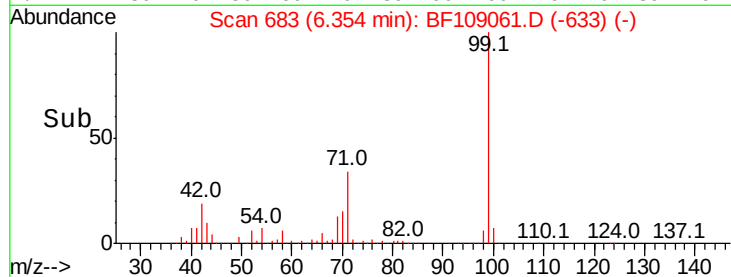
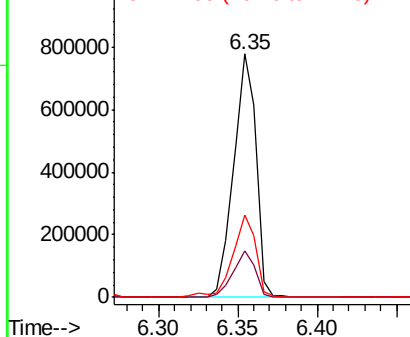
Tot Ion:	99	Resp:	758251
Ion Ratio	Lower	Upper	
99	100		
42	19.2	14.5	21.7
71	33.9	25.4	38.0

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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: 8.00 min Scan# 963

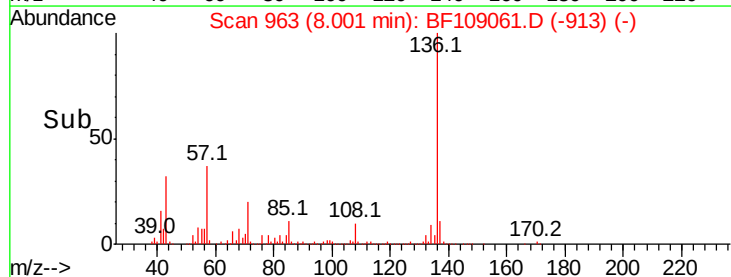
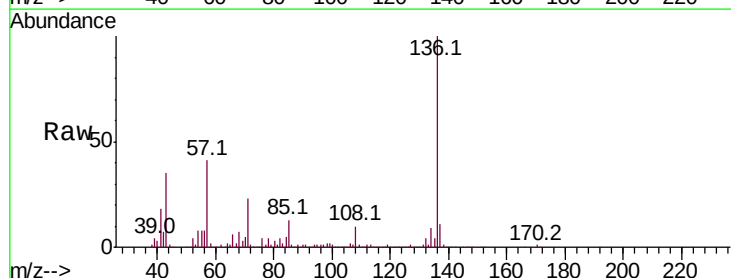
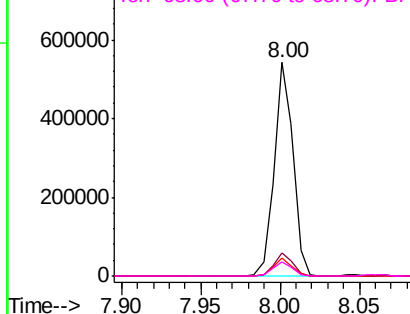
Delta R.T. -0.01 min

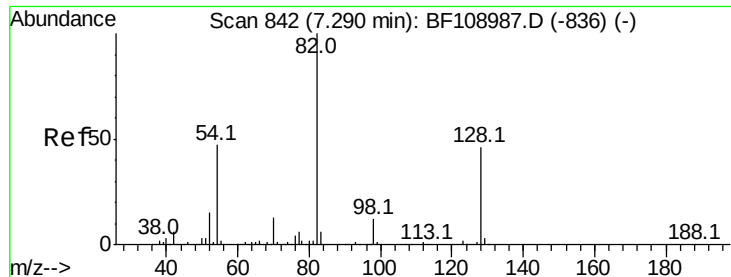
Lab File: BF109061.D

Acq: 17 Sep 2018 21:08

Tgt Ion:	136	Resp:	451975
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.9	13.3
54	8.3	6.6	9.8
68	6.7	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





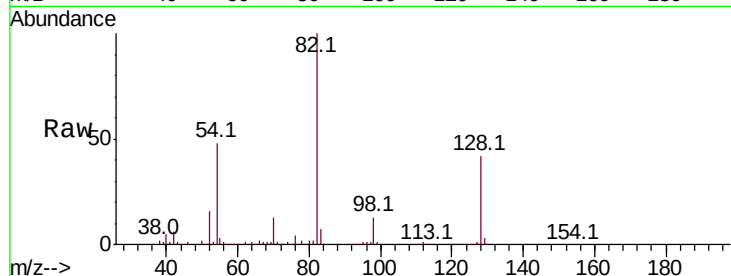
#23
Nitrobenzene-d5
Concen: 59.001 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF109061.D
Acq: 17 Sep 2018 21:08

Instrument :
BNA_F
ClientSampled :
138-KV

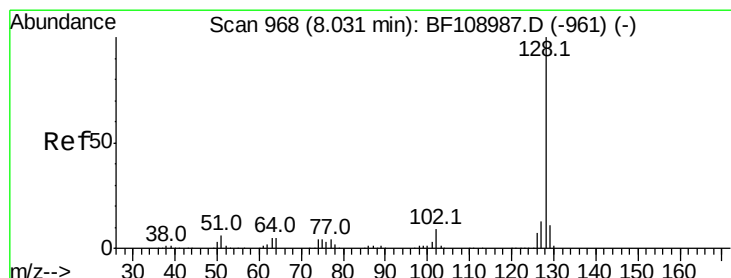
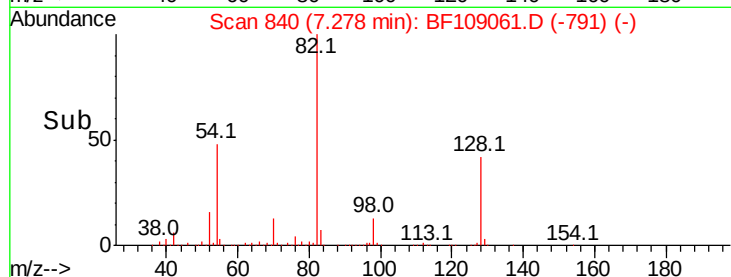
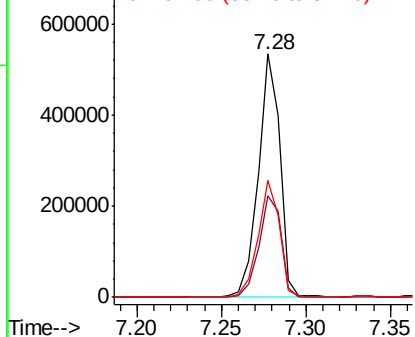
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.9	36.1	54.1
54	48.0	41.4	62.2

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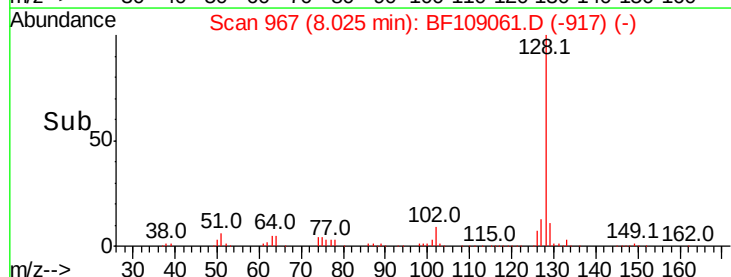
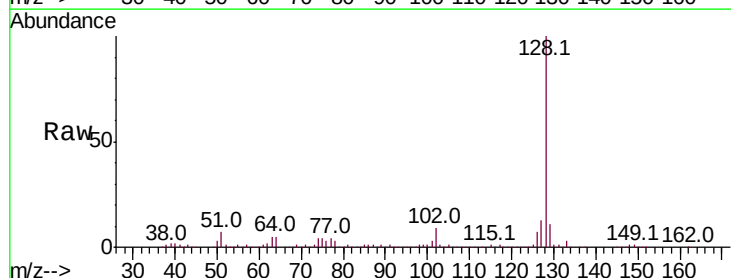
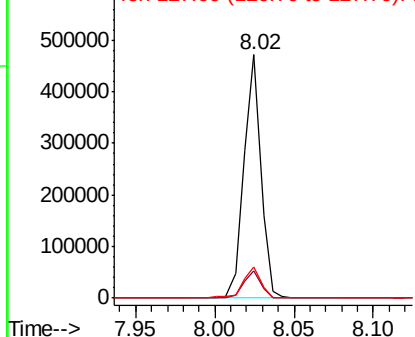
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

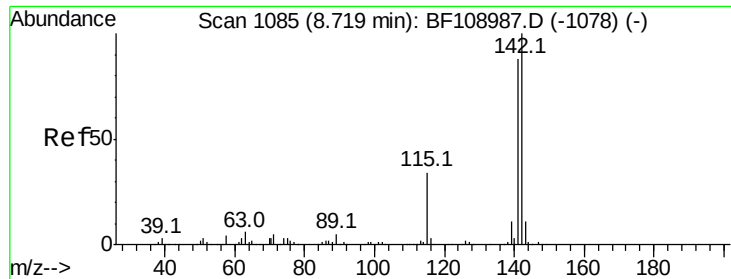


#31
Naphthalene
Concen: 16.586 ng
RT: 8.02 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF109061.D
Acq: 17 Sep 2018 21:08

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.0	10.9	16.3

Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





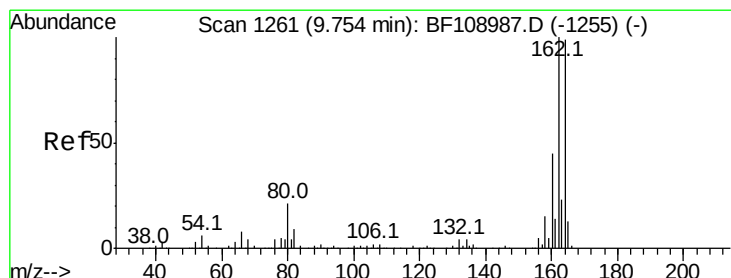
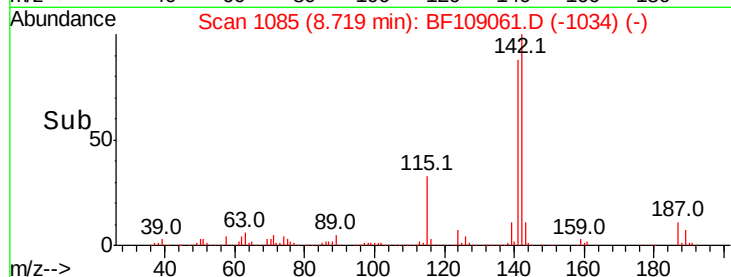
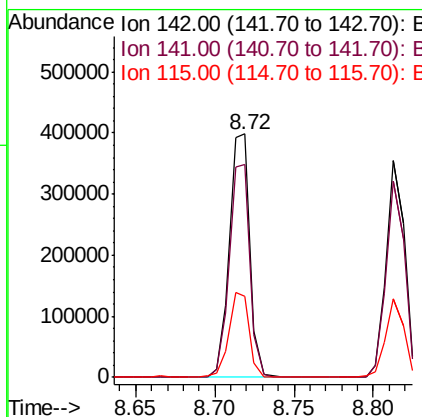
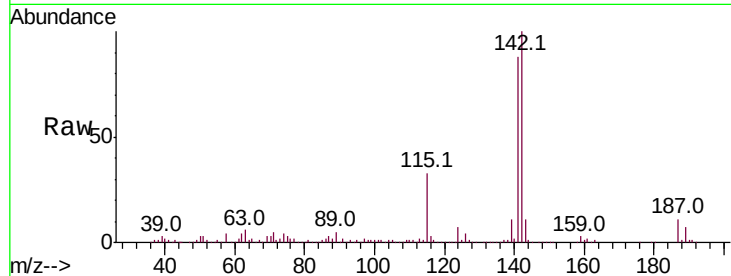
#37
 2-Methylnaphthalene
 Concen: 26.088 ng
 RT: 8.72 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: BF109061.D
 Acq: 17 Sep 2018 21:08

Instrument :
 BNA_F
 ClientSampled :
 138-KV

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.8	106.2
115	33.4	26.1	39.1

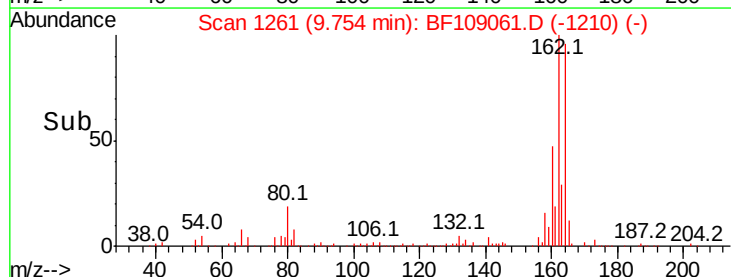
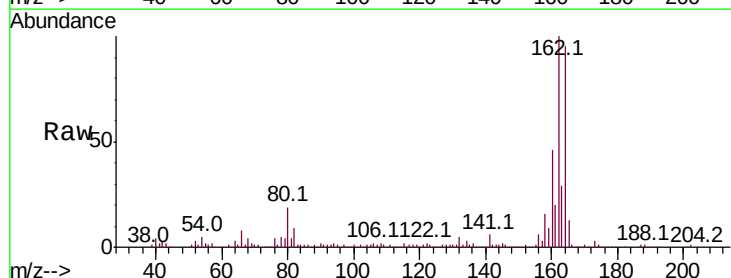
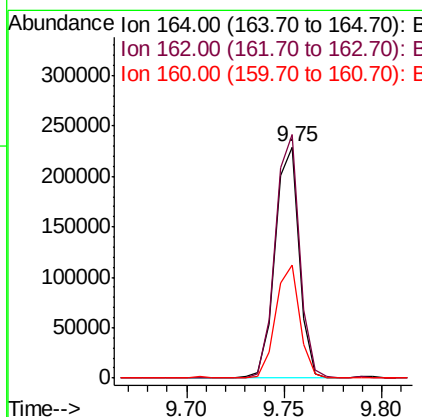
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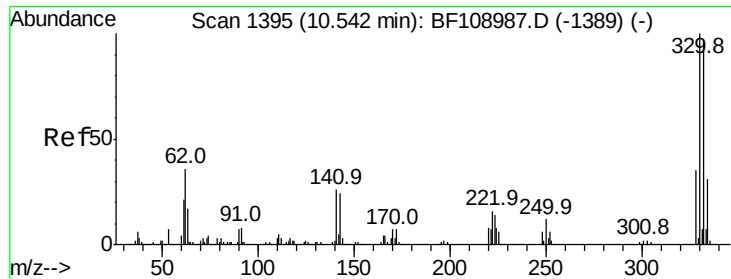
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BF109061.D
 Acq: 17 Sep 2018 21:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.1	129.1
160	48.8	38.3	57.5





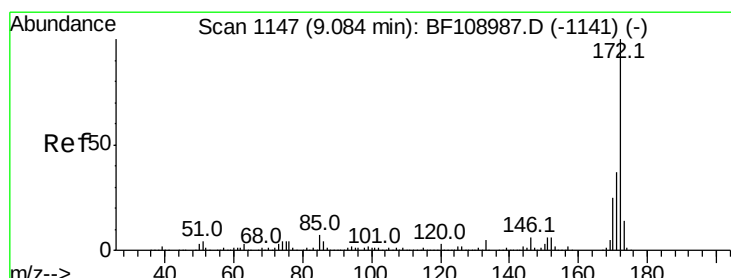
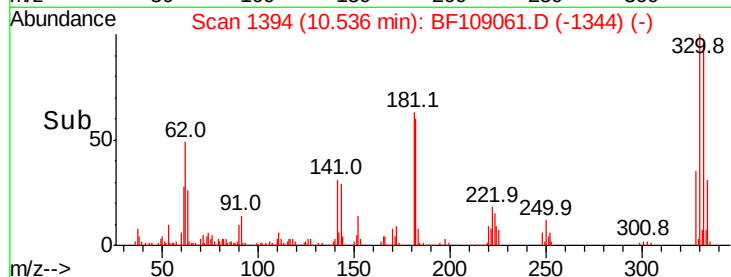
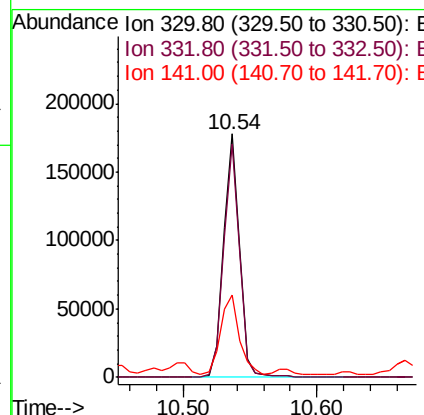
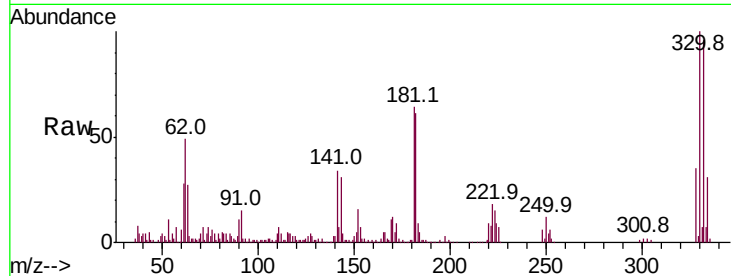
#41
 2,4,6-Tribromophenol
 Concen: 70.431 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109061.D
 Acq: 17 Sep 2018 21:08

Instrument :
 BNA_F
 ClientSampled :
 138-KV

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.1	77.0	115.6	
141	38.8	29.9	44.9	

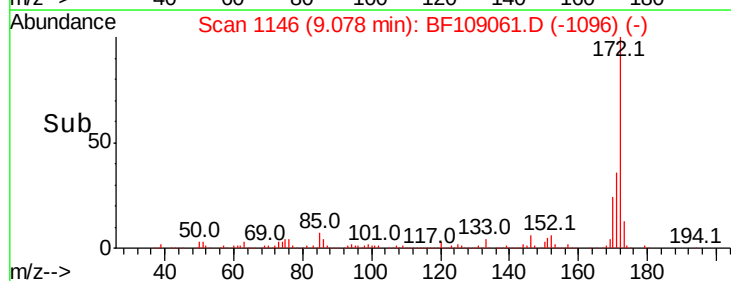
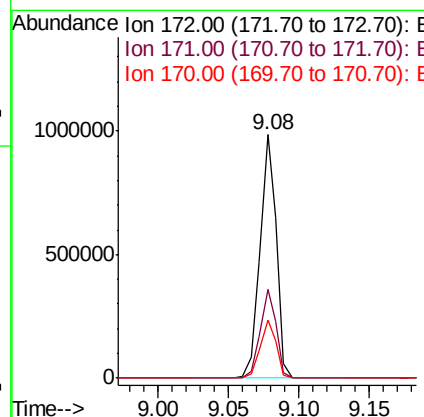
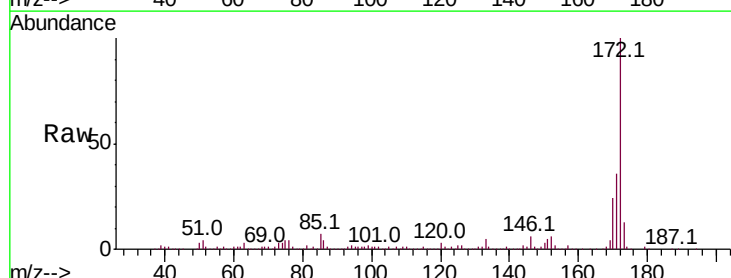
Manual Integrations
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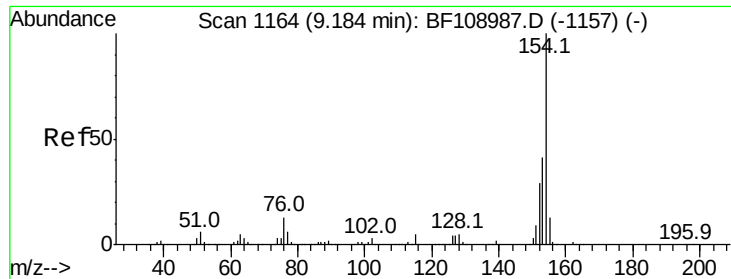
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#44
 2-Fluorobiphenyl
 Concen: 63.253 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109061.D
 Acq: 17 Sep 2018 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.2	29.7	44.5	
170	24.0	19.6	29.4	





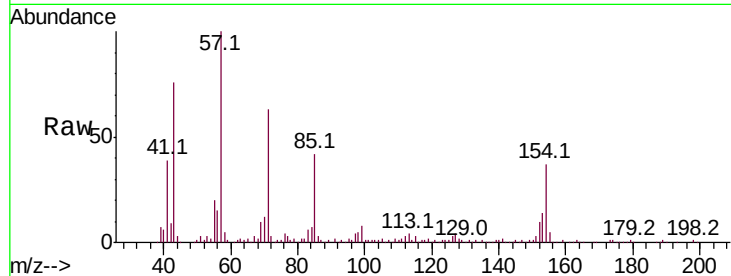
#45
1,1'-Biphenyl
Concen: 2.790 ng
RT: 9.18 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF109061.D
Acq: 17 Sep 2018 21:08

Instrument :
BNA_F
ClientSampleId :
138-KV

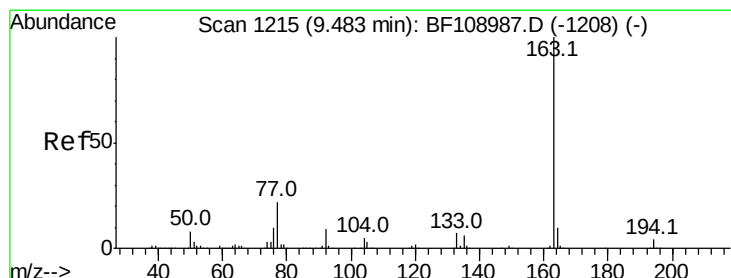
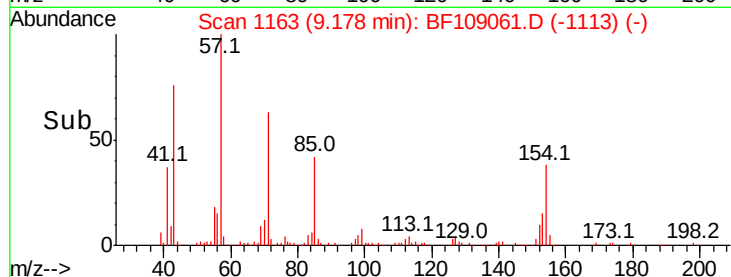
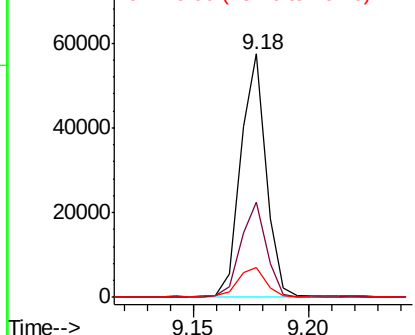
Tot Ion:	154	Resp:	44124
Ion Ratio	Lower	Upper	
154	100		
153	39.0	21.3	61.3
76	12.1	0.0	34.0

Manual Integrations
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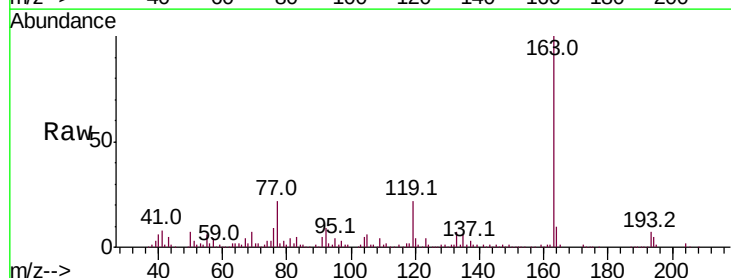


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

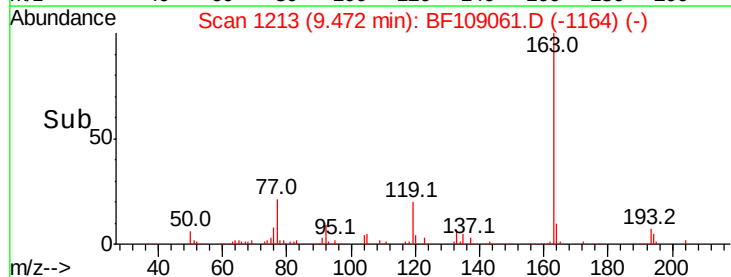
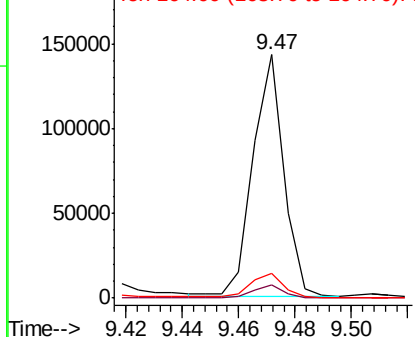


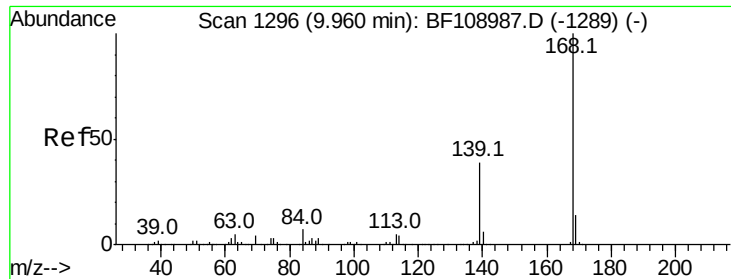
#49
Dimethylphthalate
Concen: 7.628 ng
RT: 9.47 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF109061.D
Acq: 17 Sep 2018 21:08

Tgt Ion:	163	Resp:	107754
Ion Ratio	Lower	Upper	
163	100		
194	5.2	2.7	4.1#
164	10.1	8.2	12.2



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





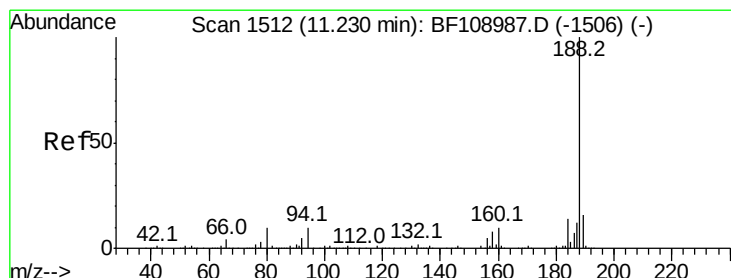
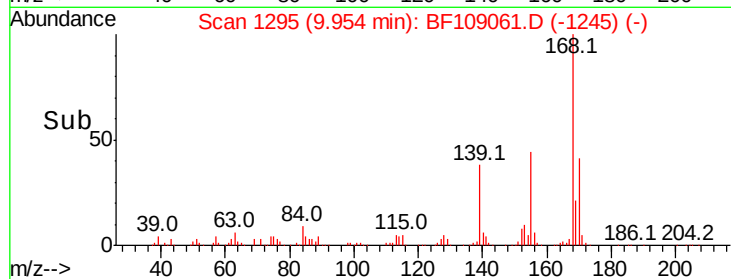
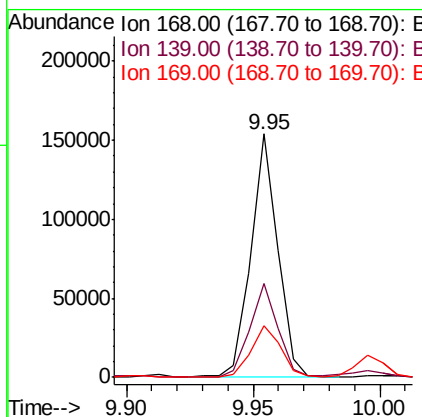
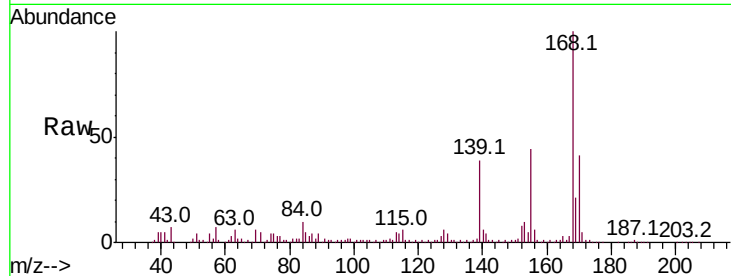
#54
 Dibenzofuran
 Concen: 6.578 ng
 RT: 9.95 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF109061.D
 Acq: 17 Sep 2018 21:08

Instrument :
 BNA_F
 ClientSampled :
 138-KV

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.7		30.1	45.1
169	21.3		10.9	16.3#

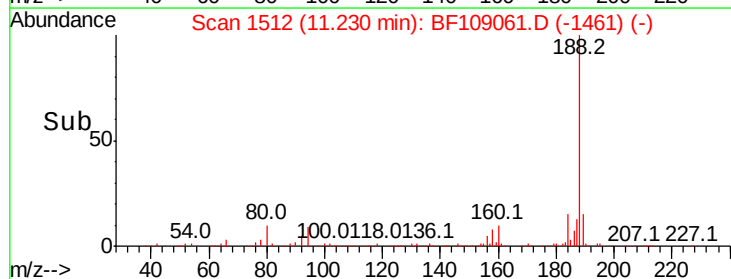
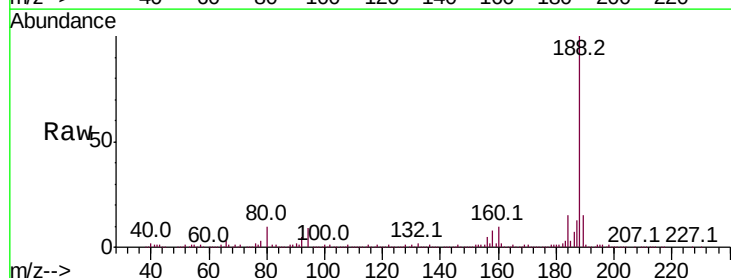
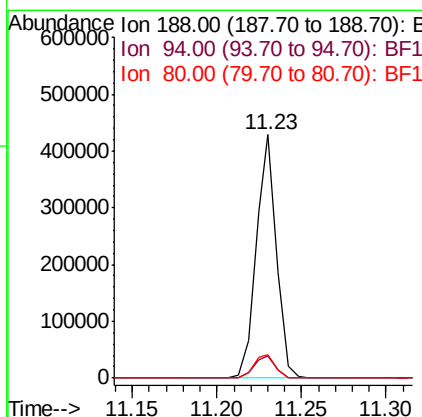
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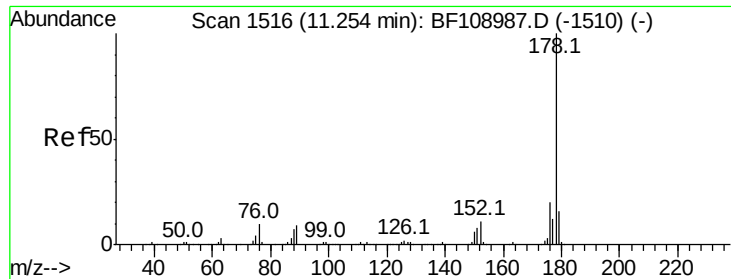
Sohil
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#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1512
 Delta R.T. -0.00 min
 Lab File: BF109061.D
 Acq: 17 Sep 2018 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.1		8.5	12.7
80	9.8		9.2	13.8





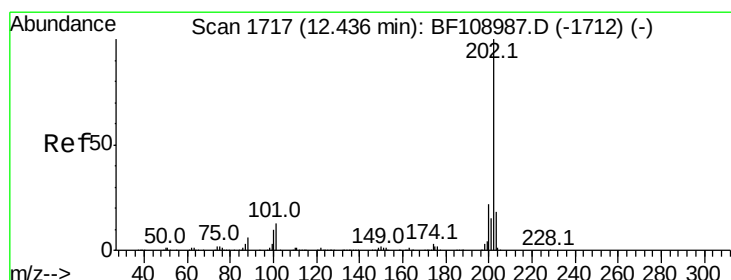
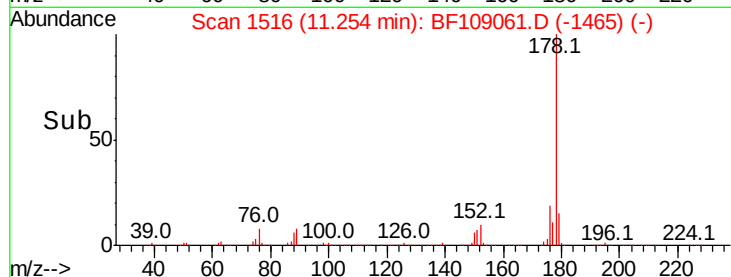
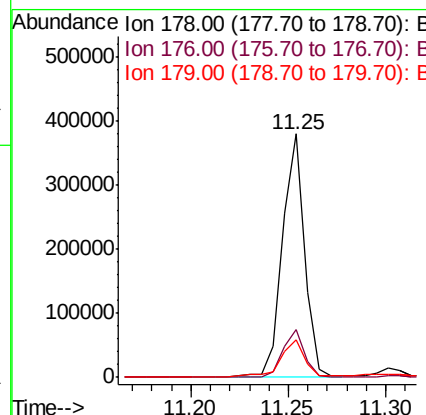
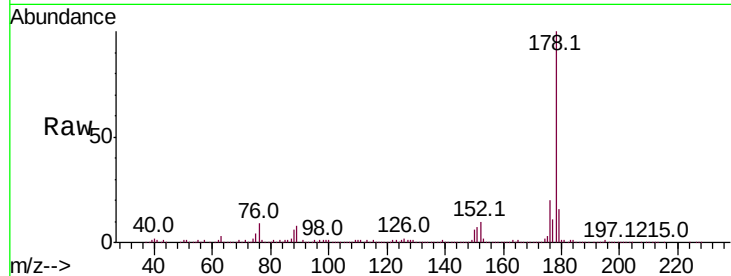
#70
Phenanthrene
Concen: 17.063 ng
RT: 11.25 min Scan# 1516
Delta R.T. -0.00 min
Lab File: BF109061.D
Acq: 17 Sep 2018 21:08

Instrument :
BNA_F
ClientSampled :
138-KV

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.6	13.0	19.6

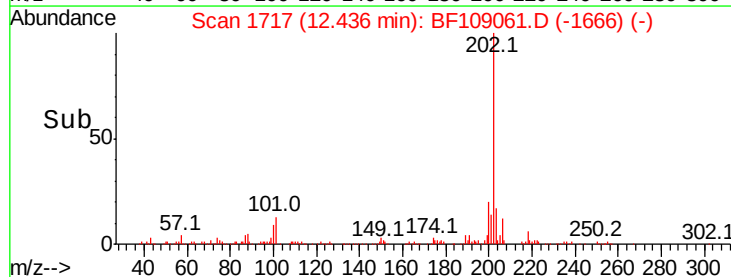
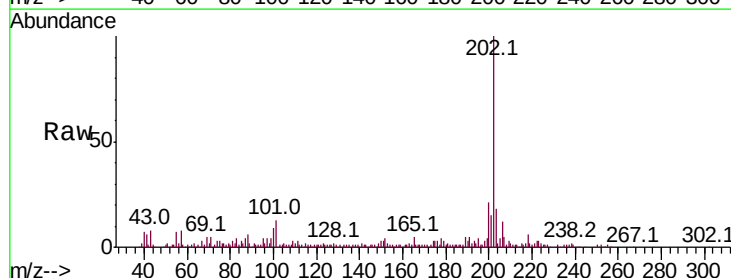
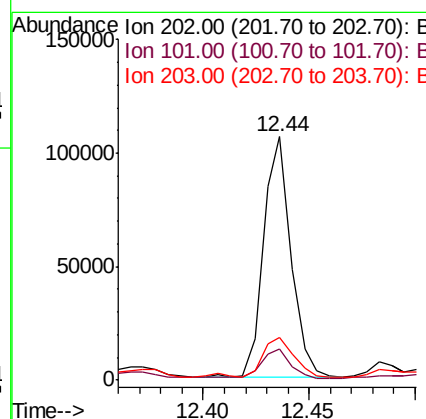
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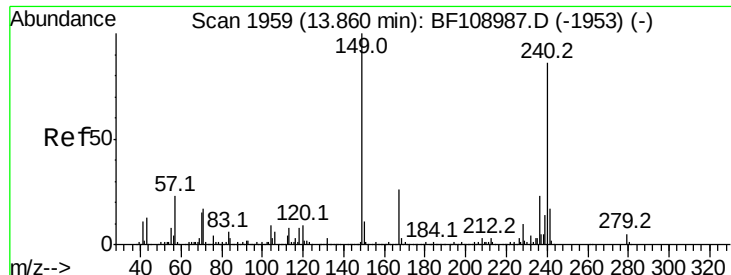
Sohil
9/18/2018 6:00:20 PM



#74
Fluoranthene
Concen: 5.228 ng
RT: 12.44 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BF109061.D
Acq: 17 Sep 2018 21:08

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	34.1
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BF109061.D

Acq: 17 Sep 2018 21:08

Instrument :

BNA_F

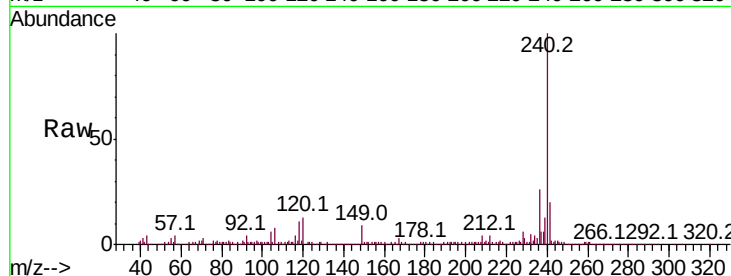
ClientSampled :

138-KV

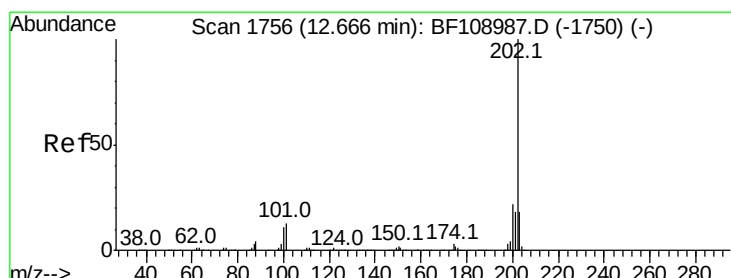
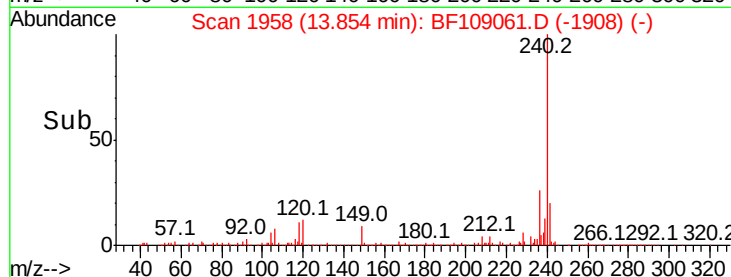
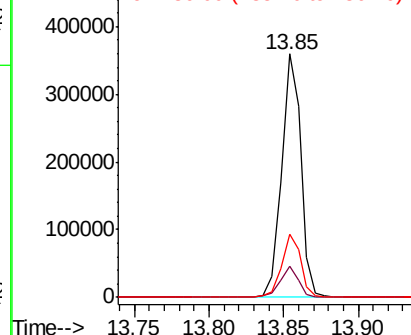
Tot Ion:	240	Resp:	321582
Ion Ratio	Lower	Upper	
240	100		
120	12.6	9.5	14.3
236	25.8	20.7	31.1

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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: 3.696 ng

RT: 12.66 min Scan# 1755

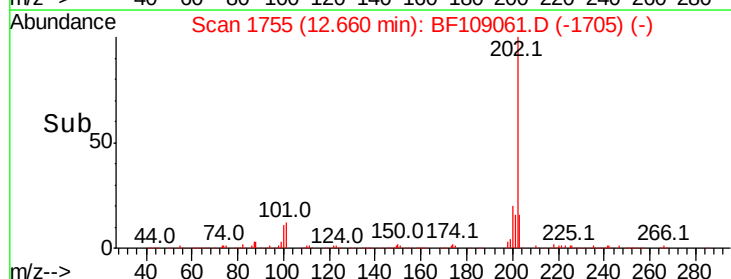
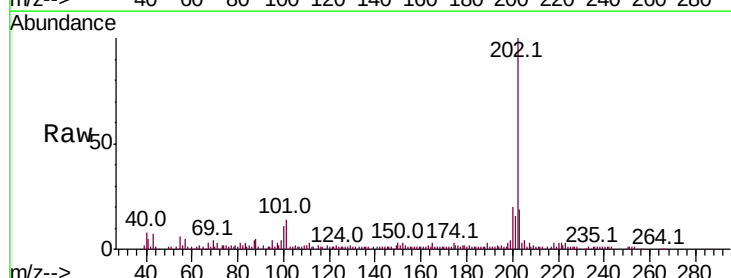
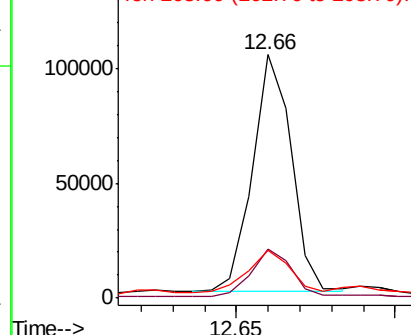
Delta R.T. -0.01 min

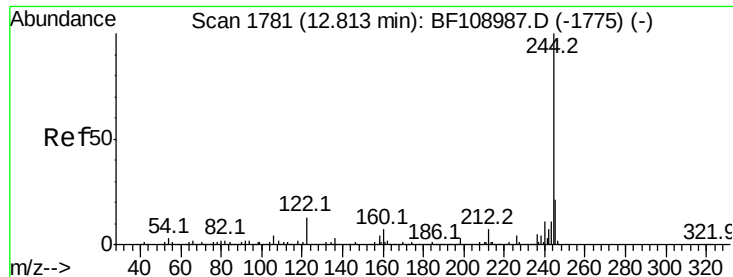
Lab File: BF109061.D

Acq: 17 Sep 2018 21:08

Tgt Ion:	202	Resp:	88288
Ion Ratio	Lower	Upper	
202	100		
200	20.2	17.4	26.2
203	19.4	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: 53.121 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF109061.D

Acq: 17 Sep 2018 21:08

Instrument :

BNA_F

ClientSampled :

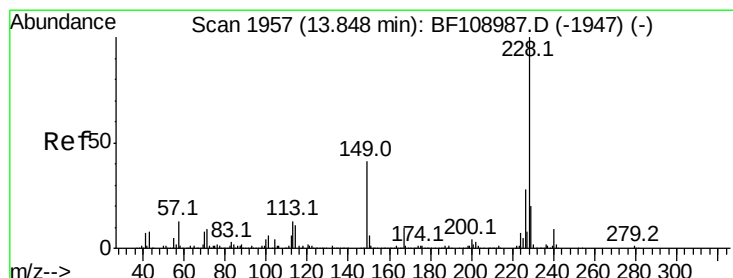
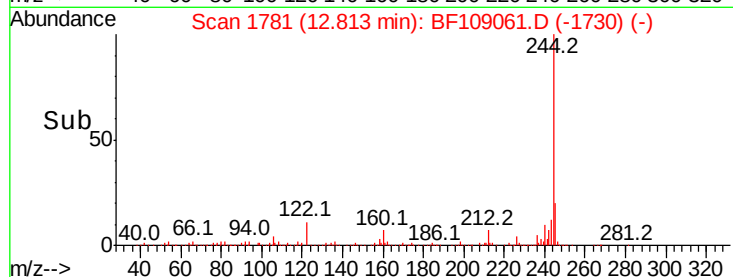
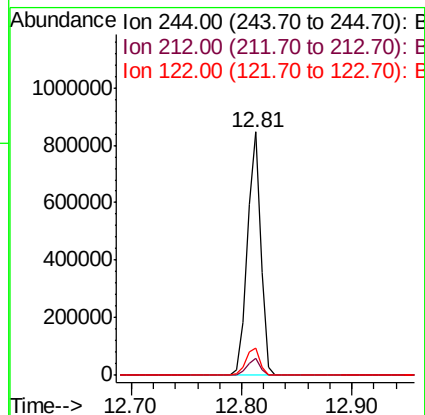
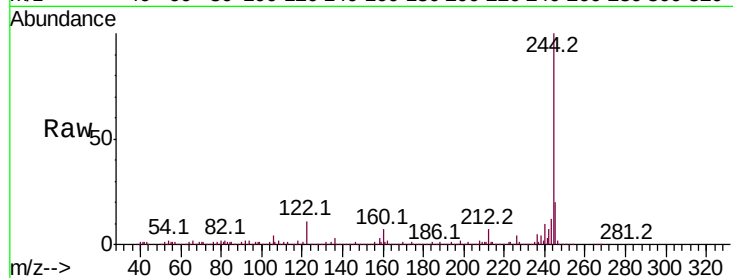
138-KV

Tot Ion:	244	Resp:	720707
Ion Ratio		Lower	Upper
244	100		
212	7.1	5.4	8.0
122	11.0	11.0	16.4

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#80

Benzo(a)anthracene

Concen: 3.088 ng

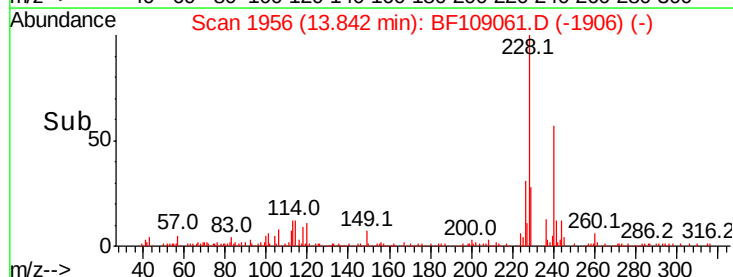
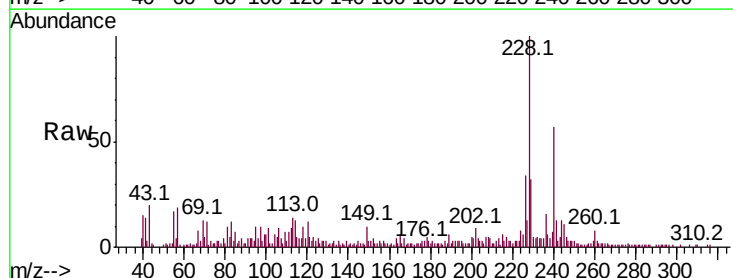
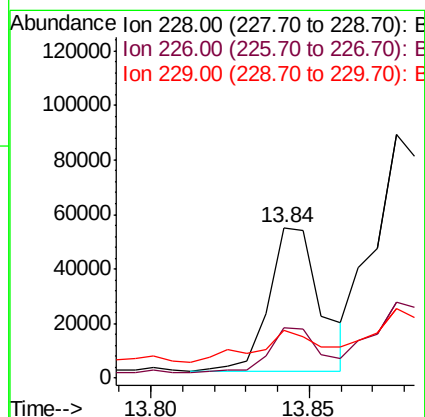
RT: 13.84 min Scan# 1956

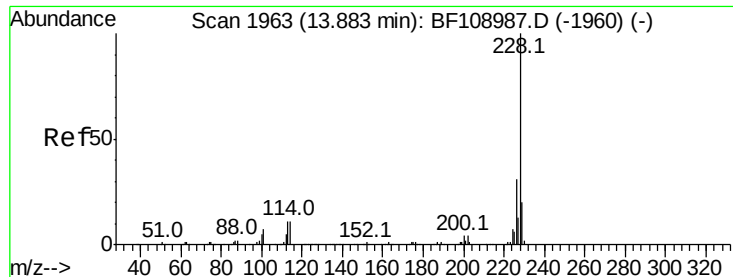
Delta R.T. -0.01 min

Lab File: BF109061.D

Acq: 17 Sep 2018 21:08

Tgt Ion:	228	Resp:	60118
Ion Ratio		Lower	Upper
228	100		
226	33.6	22.6	33.8
229	31.8	15.8	23.6#





#82

Chrysene

Concen: 4.853 ng

RT: 13.88 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BF109061.D

Acq: 17 Sep 2018 21:08

Instrument :

BNA_F

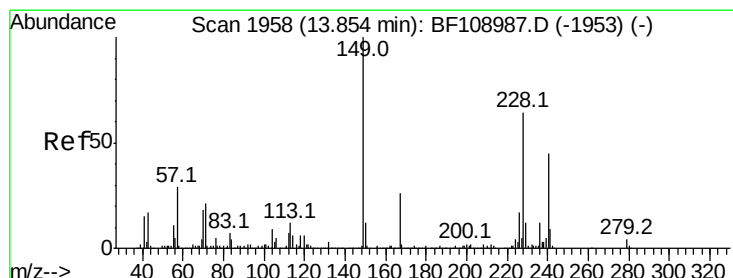
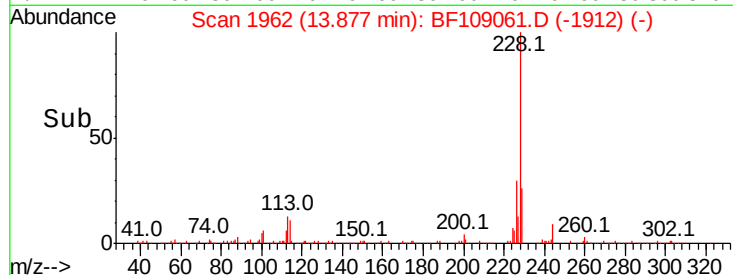
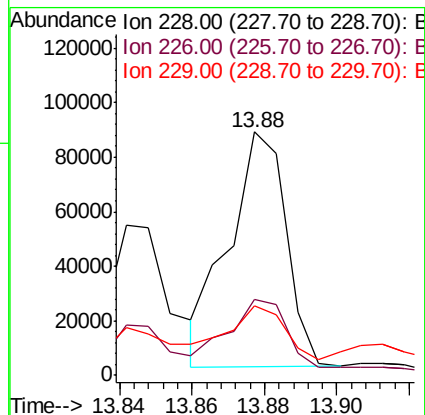
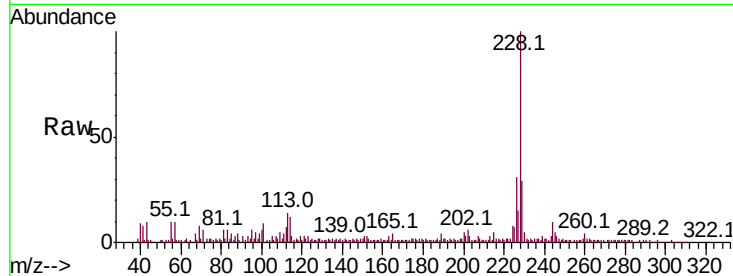
ClientSampled :

138-KV

Tot Ion:	228	Resp:	94540
Ion Ratio	Lower	Upper	
228	100		
226	31.1	25.0	37.6
229	28.8	16.2	24.4#

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#83

Bis(2-ethylhexyl)phthalate

Concen: 2.106 ng

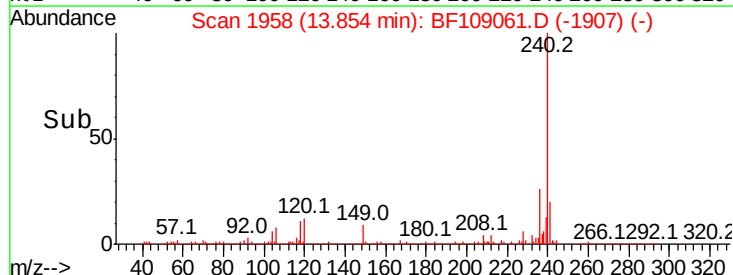
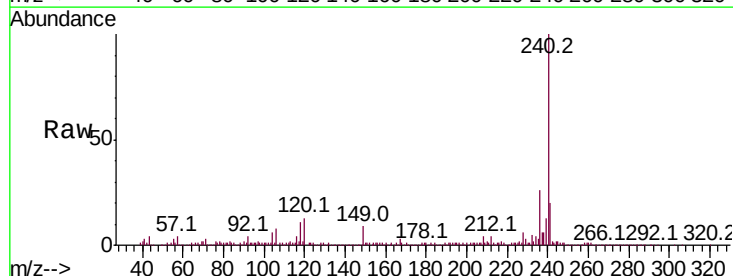
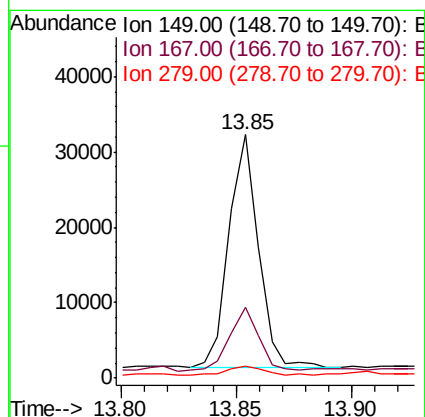
RT: 13.85 min Scan# 1958

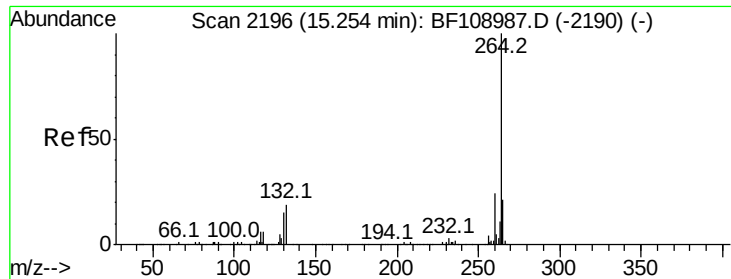
Delta R.T. -0.00 min

Lab File: BF109061.D

Acq: 17 Sep 2018 21:08

Tgt Ion:	149	Resp:	27206
Ion Ratio	Lower	Upper	
149	100		
167	28.9	21.3	31.9
279	5.0	3.0	4.4#





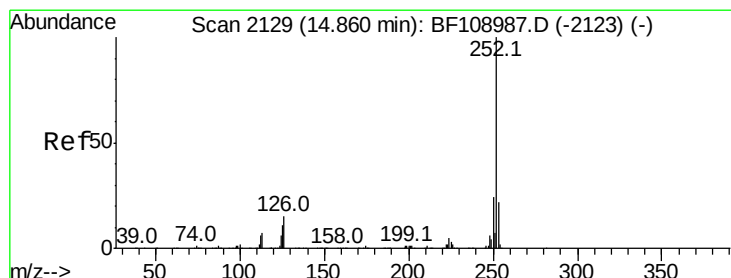
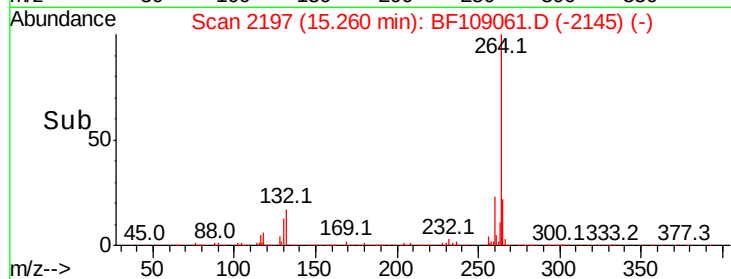
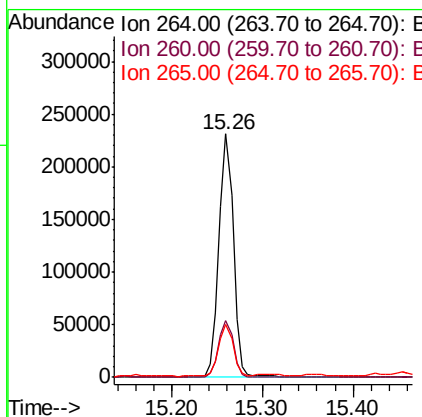
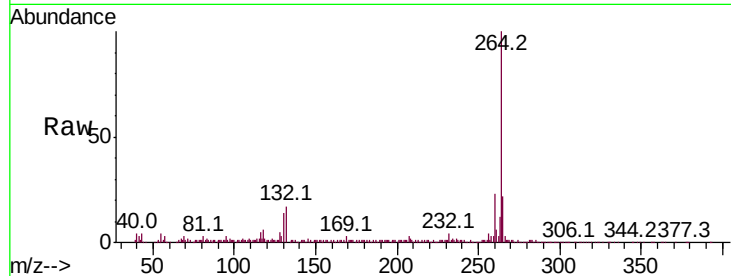
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF109061.D
Acq: 17 Sep 2018 21:08

Instrument :
BNA_F
ClientSampleId :
138-KV

Tot Ion	Ratio	Resp	Lower	Upper
264	100	252465		
260	23.2	19.2	28.8	
265	21.9	17.5	26.3	

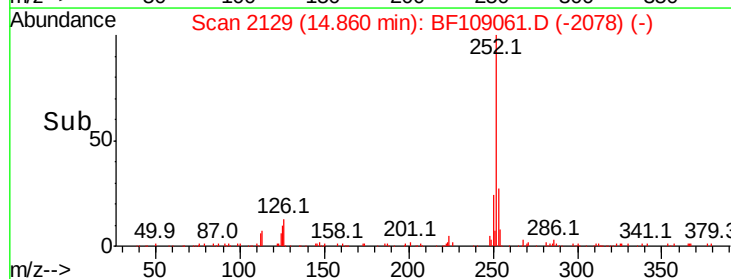
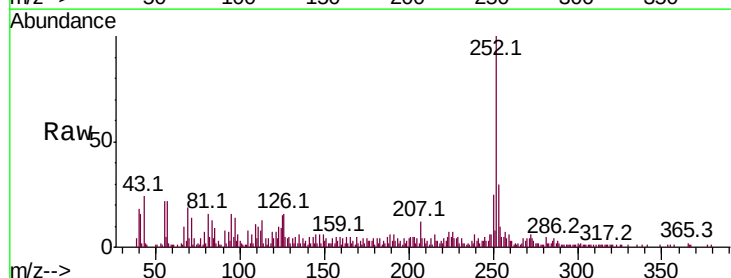
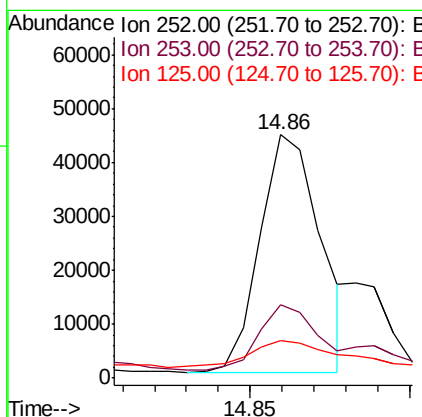
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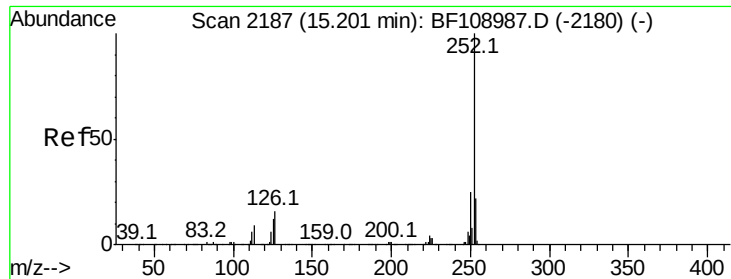
Sohil
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#87
Benzo(b)fluoranthene
Concen: 4.158 ng m
RT: 14.86 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BF109061.D
Acq: 17 Sep 2018 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	58080		
253	29.9	17.0	25.6#	
125	15.2	9.0	13.6#	





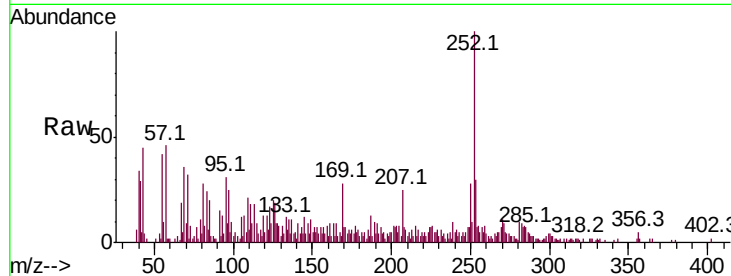
#89
 Benzo(a)pyrene
 Concen: 2.158 ng
 RT: 15.20 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: BF109061.D
 Acq: 17 Sep 2018 21:08

Instrument :
 BNA_F
 ClientSampleId :
 138-KV

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.7	17.1	25.7#
125	20.1	9.8	14.6#

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Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

