

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
 Data File : BF107958.D
 Acq On : 4 Aug 2018 00:31
 Operator : JU/SJ
 Sample : J4298-02 2X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Manual Integrations
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Quant Time: Aug 04 05:51:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	112422	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	505676	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	213876	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	366029	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	343001	20.00	ng	-0.01
86) Perylene-d12	15.68	264	310081	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	229175	34.65	ng	0.01
7) Phenol-d6	6.61	99	361167	41.43	ng	0.00
23) Nitrobenzene-d5	7.53	82	234054	26.67	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	88040	30.29	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	467097	30.43	ng	-0.02
78) Terphenyl-d14	13.07	244	359795	22.75	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.70	163	60325	3.756	ng	97
51) Acenaphthene	10.02	154	30808	2.331	ng	97
70) Phenanthrene	11.51	178	370212	21.301	ng	97
71) Anthracene	11.57	178	132238	6.596	ng	96
72) Carbazole	11.75	167	46771	2.361	ng	96
74) Fluoranthene	12.71	202	745368	36.505	ng	96
77) Pyrene	12.94	202	634759	25.700	ng	96
80) Benzo(a)anthracene	14.13	228	347459	17.883	ng	96
82) Chrysene	14.17	228	321017	15.318	ng	98
83) Bis(2-ethylhexyl)phthalate	14.08	149	66864	4.917	ng	95
85) Indeno(1,2,3-cd)pyrene	17.26	276	127280m	7.985	ng	
87) Benzo(b)fluoranthene	15.22	252	347799m	22.742	ng	
88) Benzo(k)fluoranthene	15.24	252	200896m	10.700	ng	
89) Benzo(a)pyrene	15.61	252	266950	16.909	ng	96
91) Benzo(a,h,i)perylene	17.74	276	118993	8.930	ng	95

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

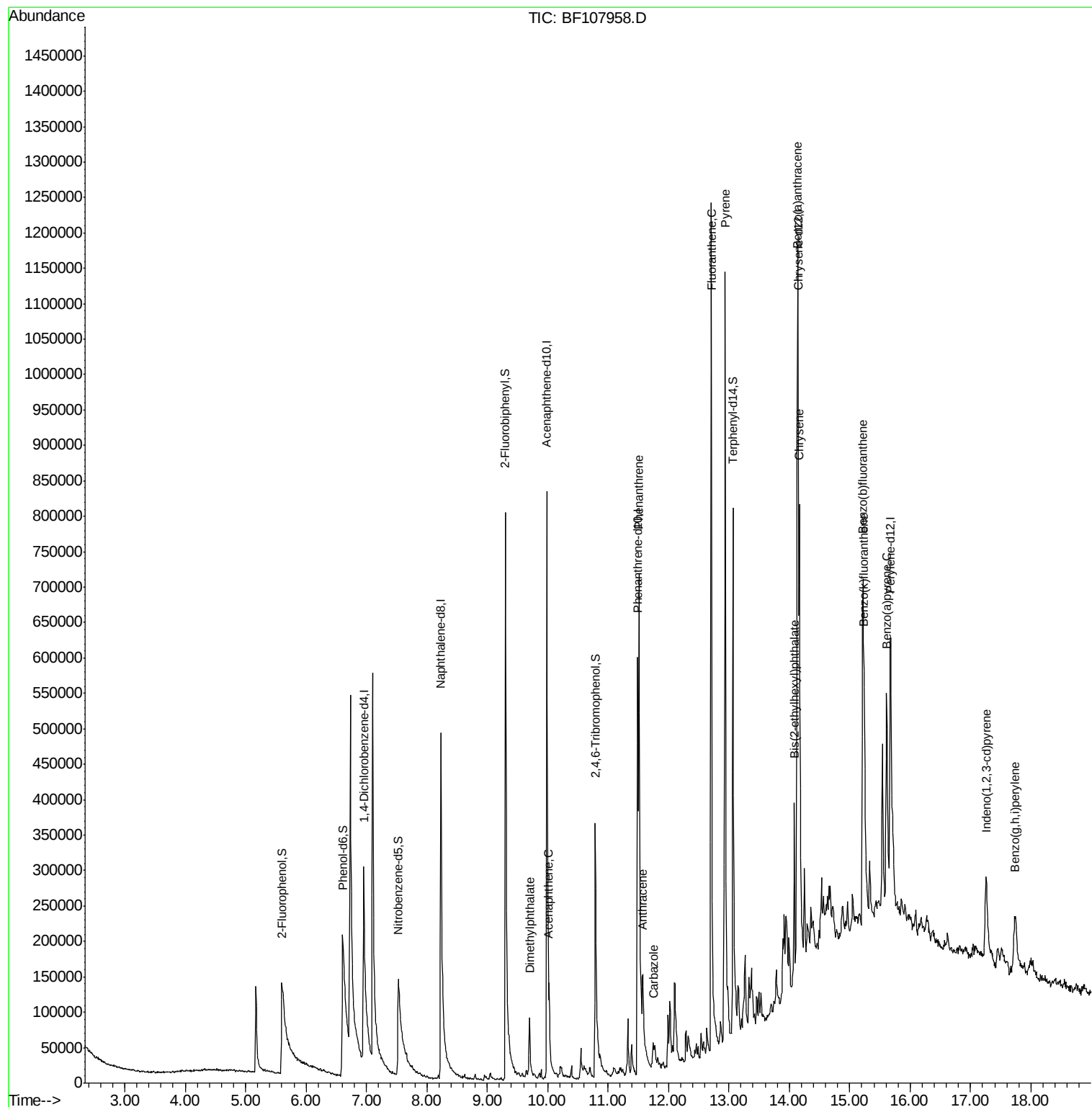
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107958.D
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ALS Vial : 25 Sample Multiplier: 1

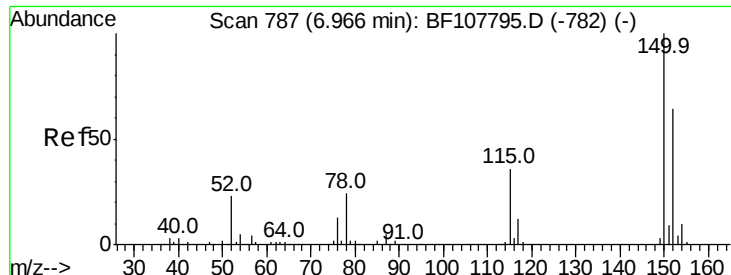
Instrument :
BNA_F
ClientSampled :
WC-2

Quant Time: Aug 04 05:51:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 17:48:53 2018
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#1

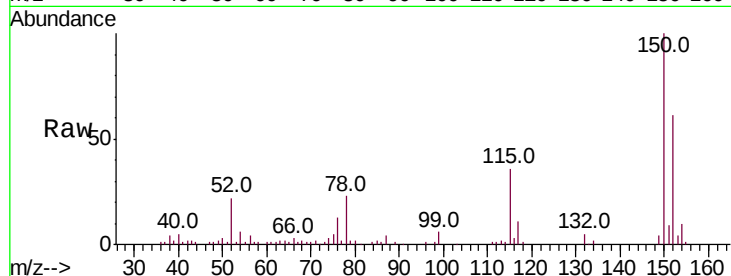
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107958.D
Acq: 4 Aug 2018 00:31

Instrument :
BNA_F
ClientSampled :
WC-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.4	124.6	186.8
115	58.8	50.1	75.1

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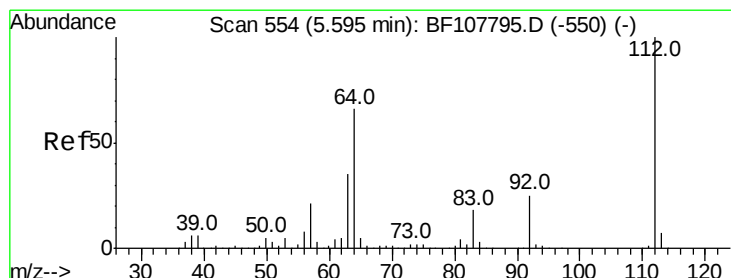
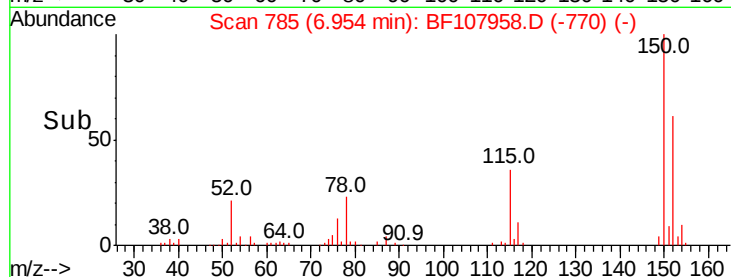
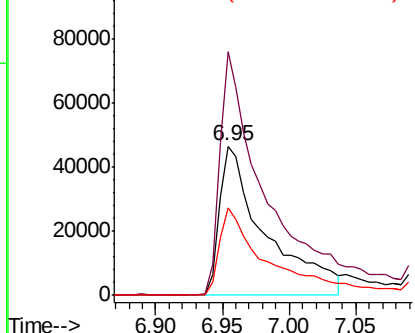


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

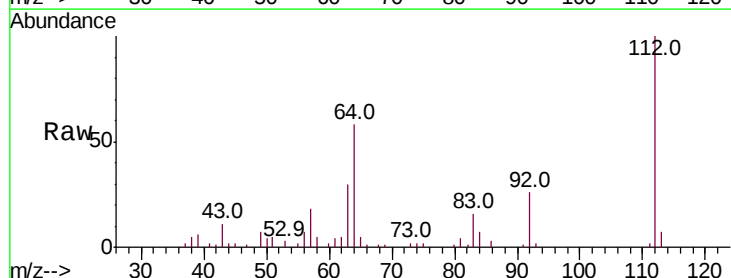
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 34.646 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF107958.D
Acq: 4 Aug 2018 00:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	47.9	71.9
63	29.6	23.7	35.5

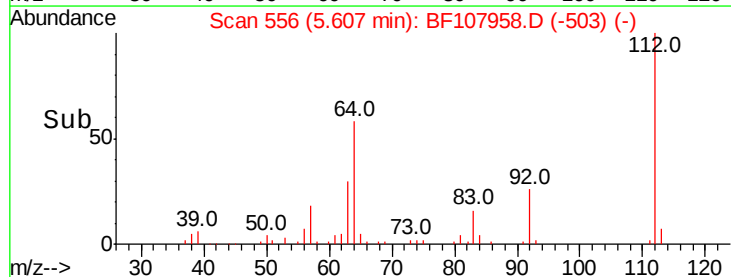
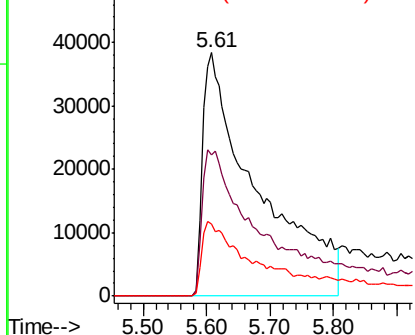


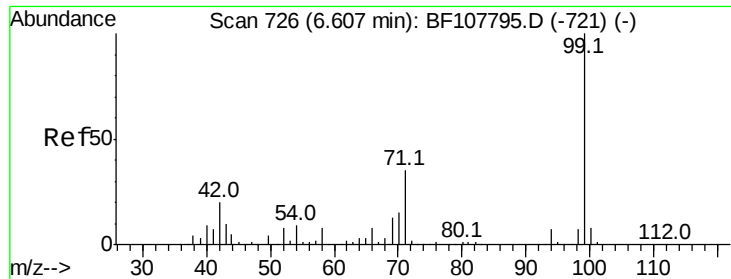
Abundance

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: 41.428 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF107958.D

Acq: 4 Aug 2018 00:31

Instrument :

BNA_F

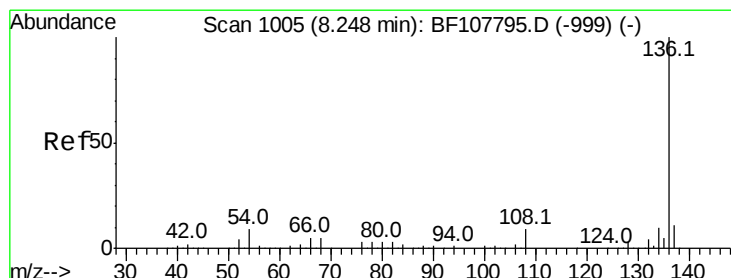
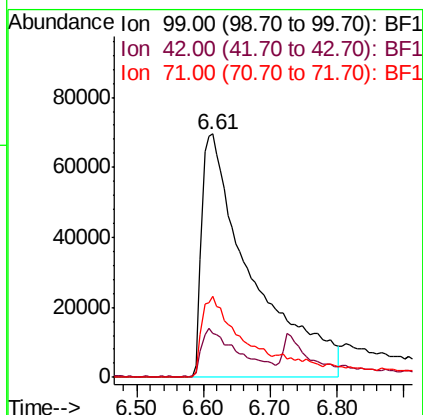
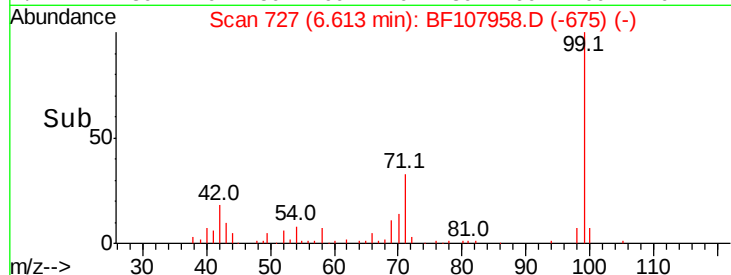
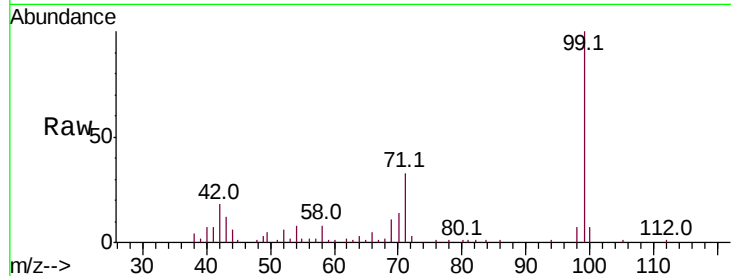
ClientSampleId :

WC-2

Tot Ion:	99	Resp:	361167
Ion Ratio	Lower	Upper	
99	100		
42	18.2	14.5	21.7
71	33.5	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

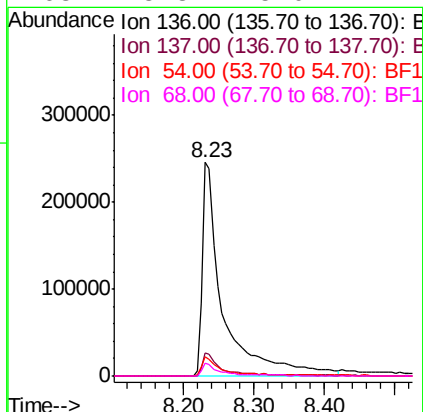
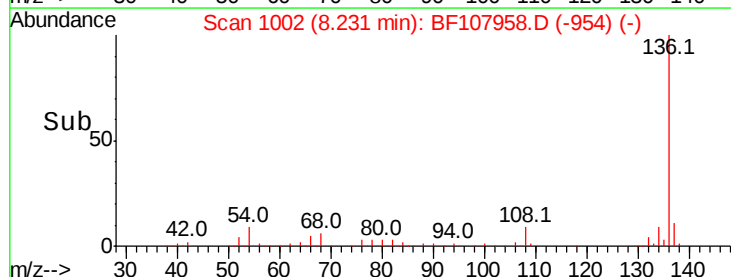
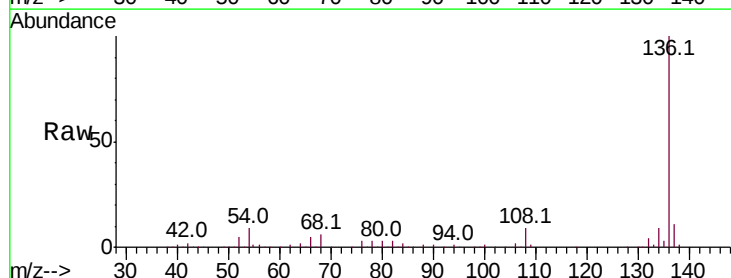
RT: 8.23 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BF107958.D

Acq: 4 Aug 2018 00:31

Tgt Ion:	136	Resp:	505676
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.9	13.3
54	9.1	6.6	9.8
68	5.8	5.0	7.4





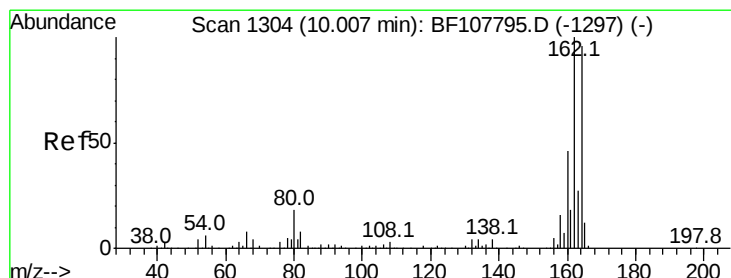
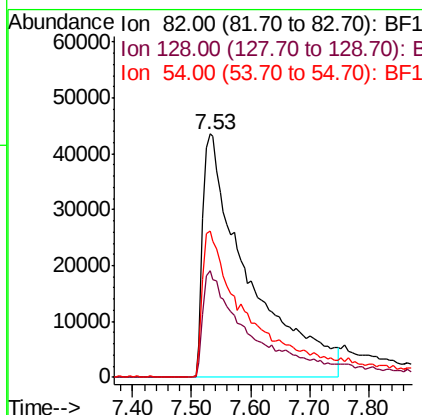
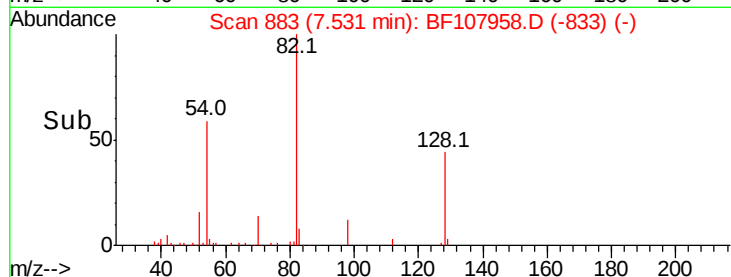
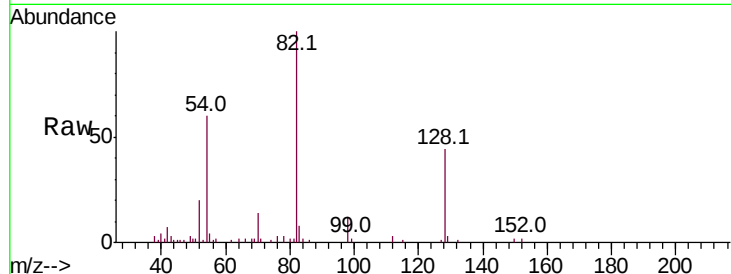
#23
 Nitrobenzene-d5
 Concen: 26.665 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF107958.D
 Acq: 4 Aug 2018 00:31

Instrument :
 BNA_F
 ClientSampled :
 WC-2

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.6	36.1	54.1
54	60.3	41.4	62.2

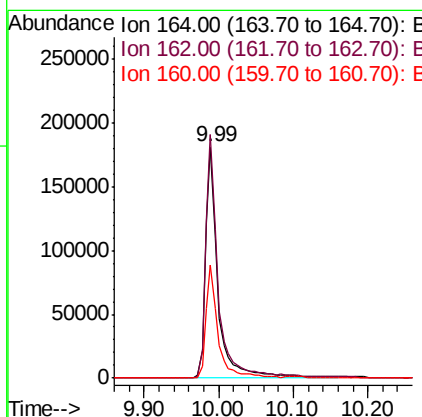
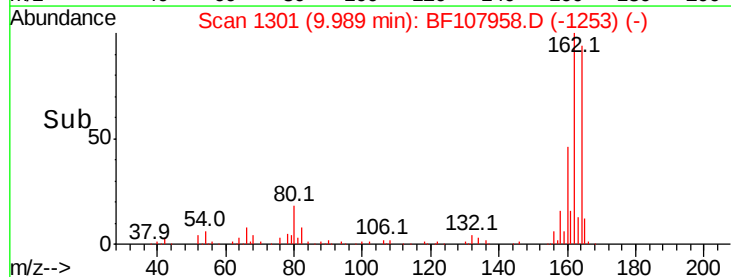
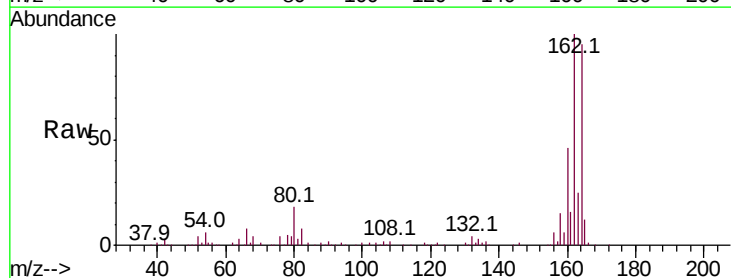
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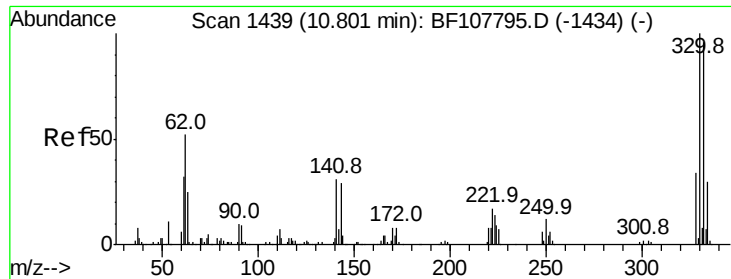
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF107958.D
 Acq: 4 Aug 2018 00:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	86.1	129.1
160	48.6	38.3	57.5





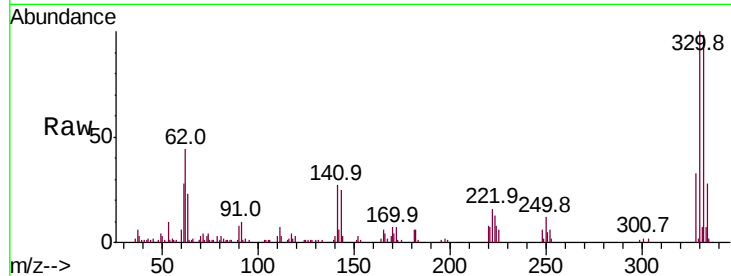
#41
 2,4,6-Tribromophenol
 Concen: 30.294 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107958.D
 Acq: 4 Aug 2018 00:31

Instrument :
 BNA_F
 ClientSampled :
 WC-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	106.1	77.0	115.6
141	31.5	29.9	44.9

Manual Integrations
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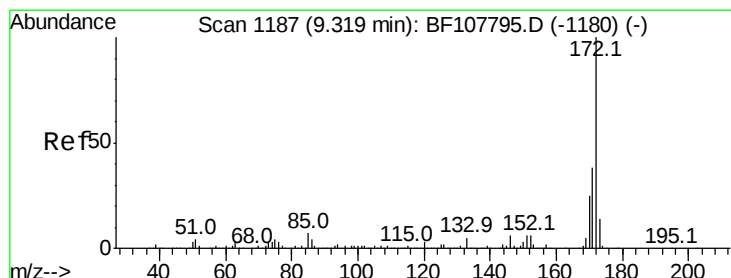
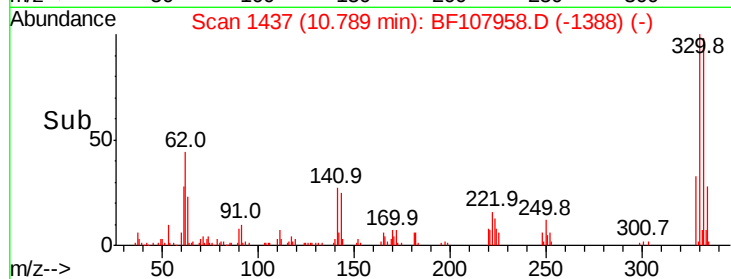
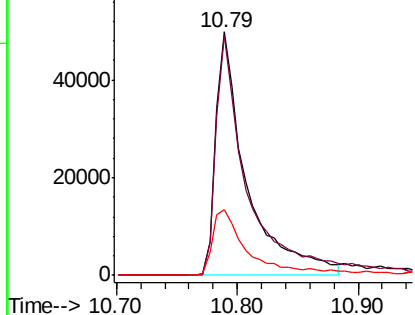


Abundance

Ion 329.80 (329.50 to 330.50): E

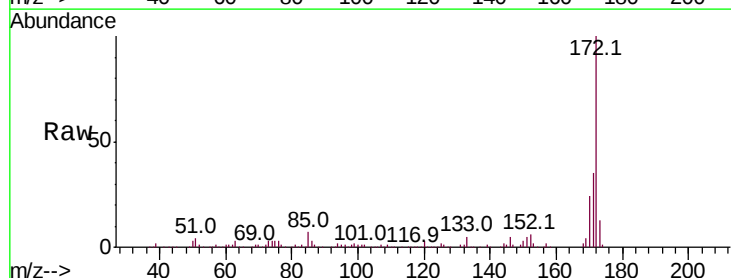
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 30.433 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107958.D
 Acq: 4 Aug 2018 00:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.7	44.5
170	23.6	19.6	29.4

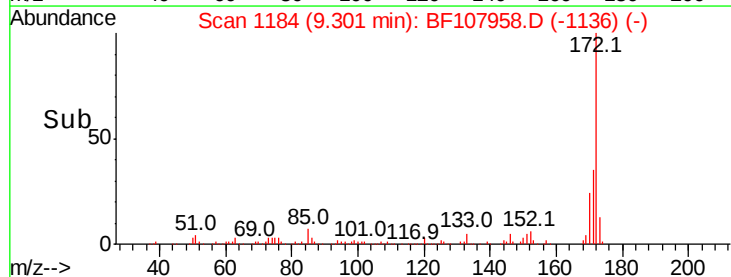
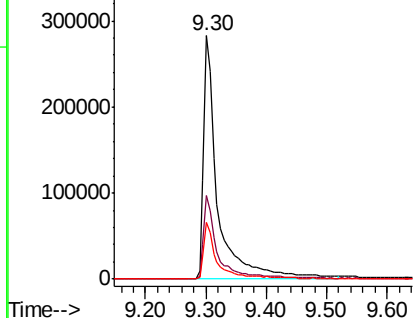


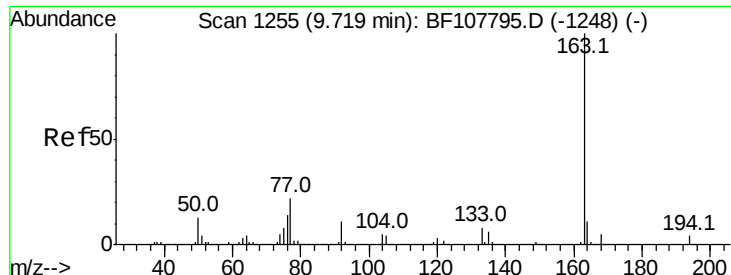
Abundance

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





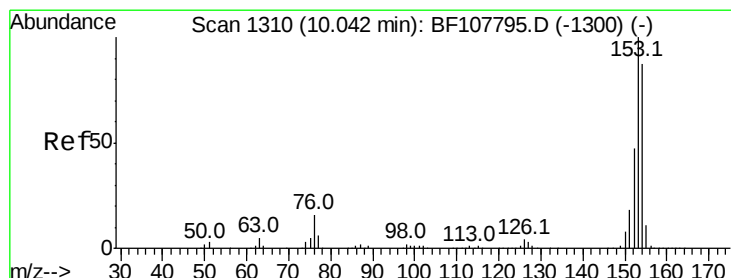
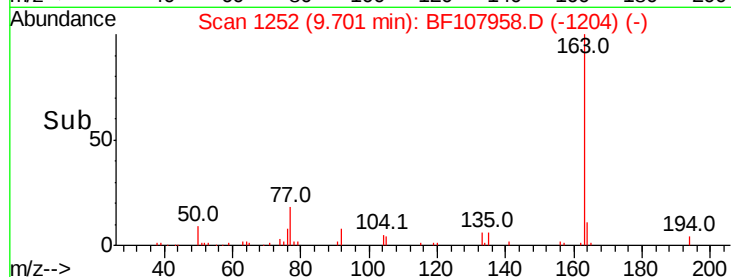
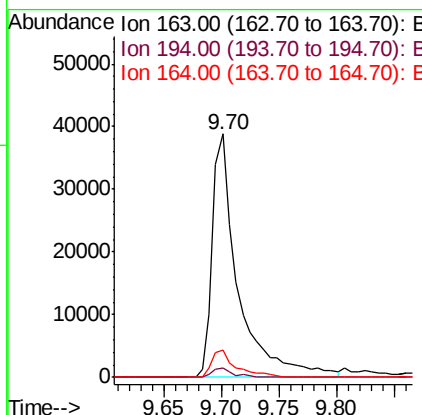
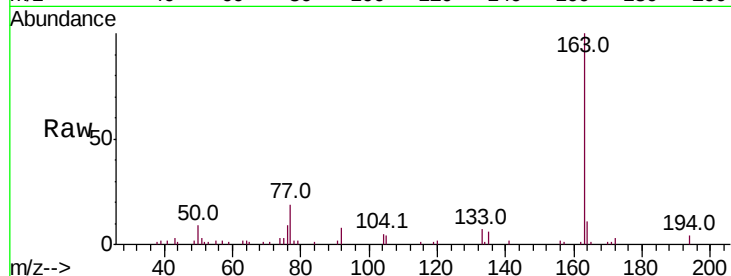
#49
Dimethylphthalate
Concen: 3.756 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF107958.D
Acq: 4 Aug 2018 00:31

Instrument :
BNA_F
ClientSampled :
WC-2

Tot Ion	Ratio	Resp	Lower	Upper
163	100	60325		
194	3.9		2.7	4.1
164	11.4		8.2	12.2

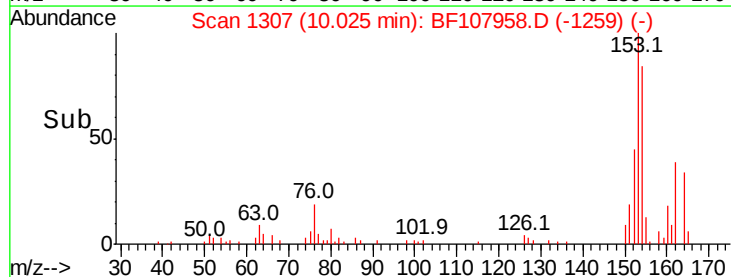
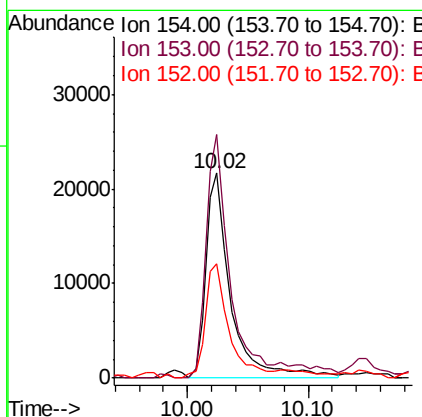
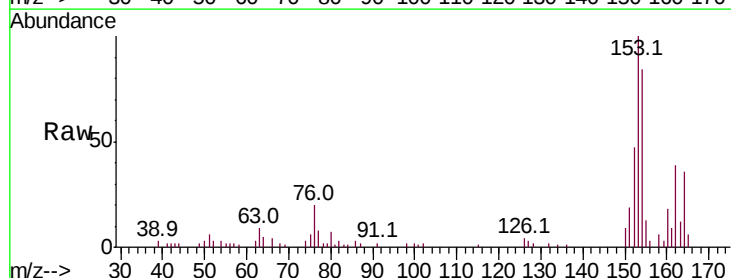
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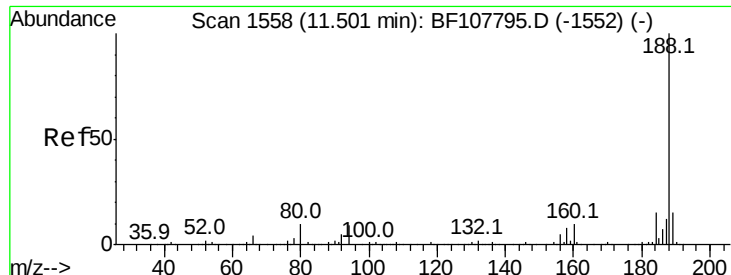
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#51
Acenaphthene
Concen: 2.331 ng
RT: 10.02 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BF107958.D
Acq: 4 Aug 2018 00:31

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	30808		
153	118.7		91.2	136.8
152	55.6		43.8	65.8





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF107958.D

Acq: 4 Aug 2018 00:31

Instrument :

BNA_F

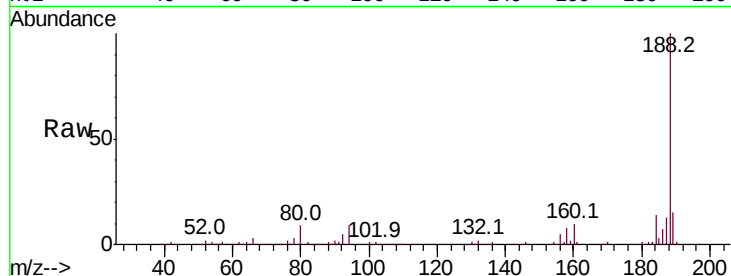
ClientSampleId :

WC-2

Tot Ion:	188	Resp:	366029
Ion Ratio	Lower	Upper	
188	100		
94	9.0	8.5	12.7
80	8.7	9.2	13.8#

Manual Integrations
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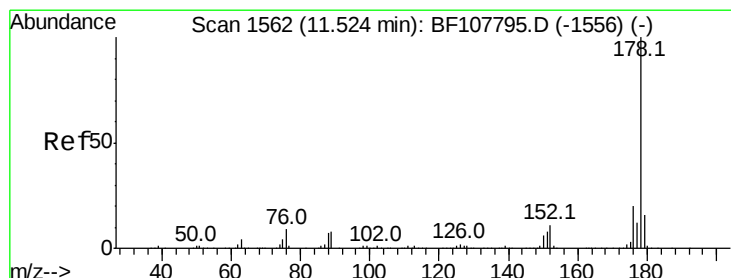
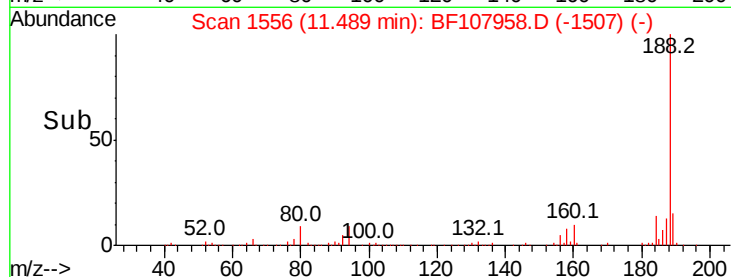
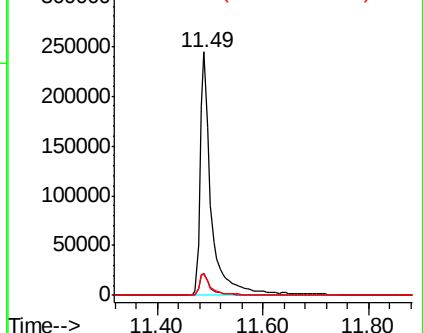
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#70

Phenanthrene

Concen: 21.301 ng

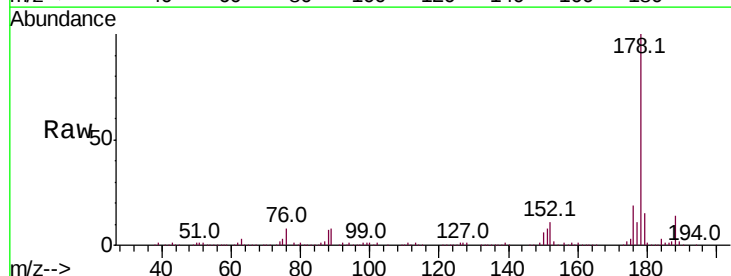
RT: 11.51 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF107958.D

Acq: 4 Aug 2018 00:31

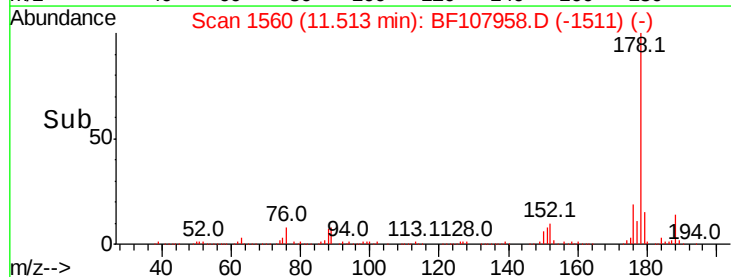
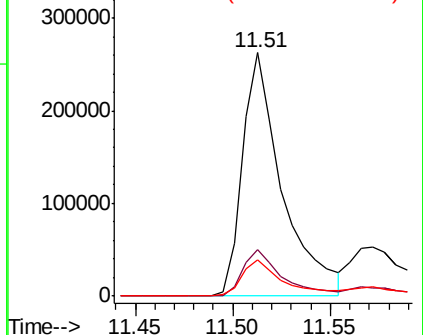
Tgt Ion:	178	Resp:	370212
Ion Ratio	Lower	Upper	
178	100		
176	18.9	15.8	23.8
179	14.8	13.0	19.6

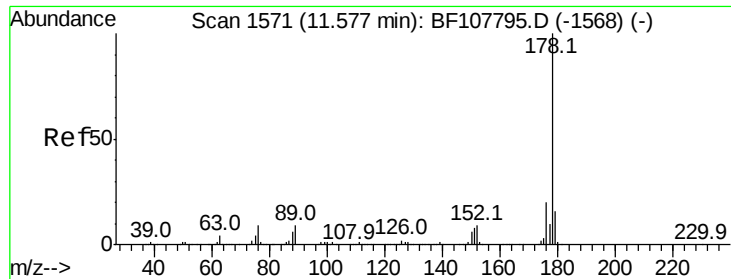


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





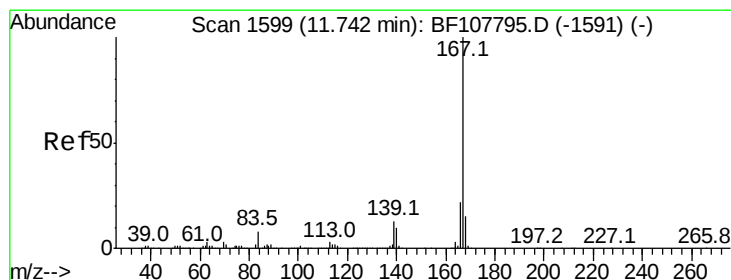
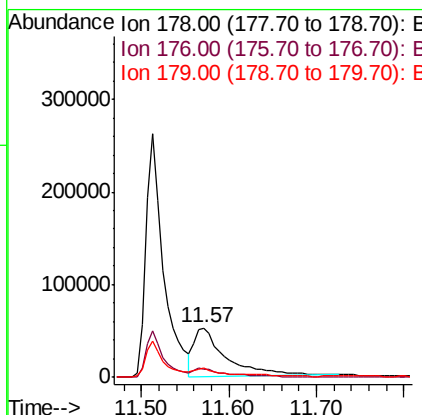
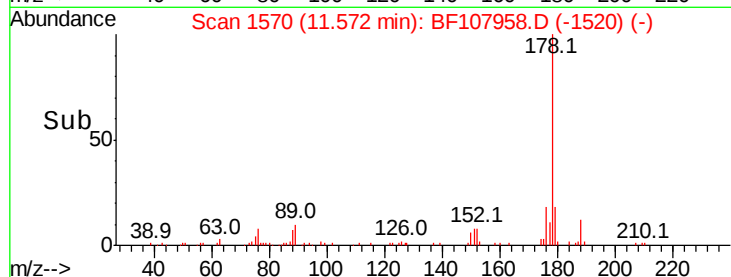
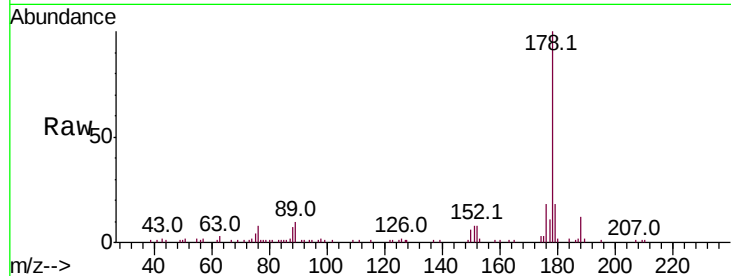
#71
 Anthracene
 Concen: 6.596 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF107958.D
 Acq: 4 Aug 2018 00:31

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.4	23.2
179	17.9	12.6	19.0

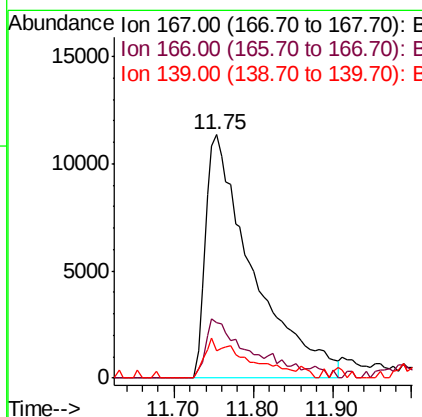
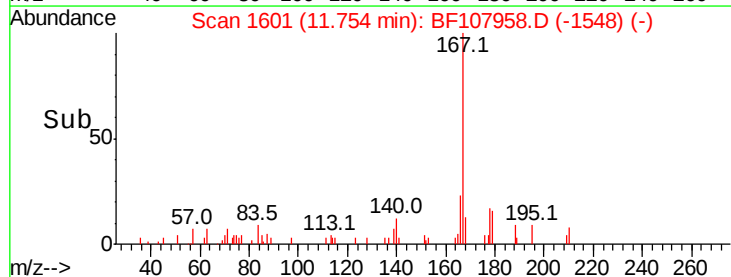
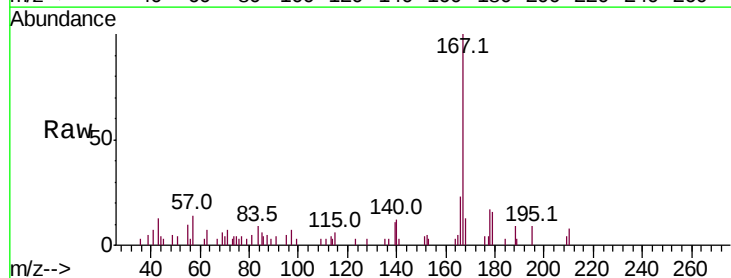
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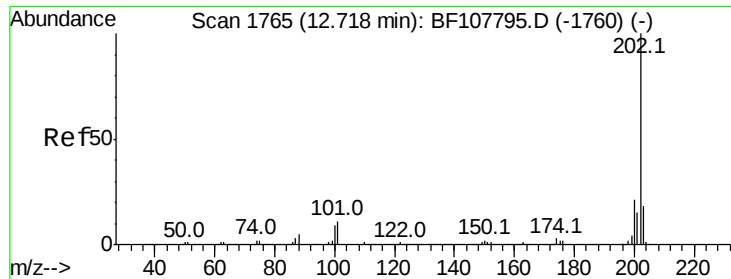
Sohil
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#72
 Carbazole
 Concen: 2.361 ng
 RT: 11.75 min Scan# 1601
 Delta R.T. 0.01 min
 Lab File: BF107958.D
 Acq: 4 Aug 2018 00:31

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.0	17.6	26.4
139	10.9	10.9	16.3





#74

Fluoranthene

Concen: 36.505 ng

RT: 12.71 min Scan# 1763

Delta R.T. -0.01 min

Lab File: BF107958.D

Acq: 4 Aug 2018 00:31

Instrument :

BNA_F

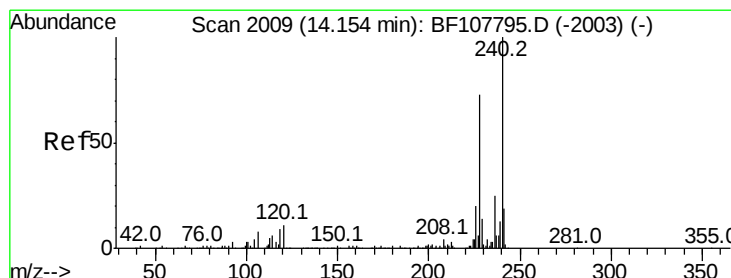
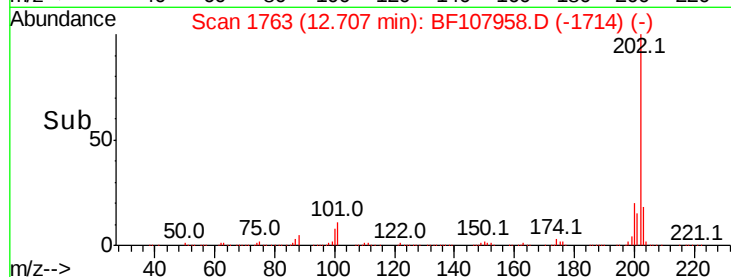
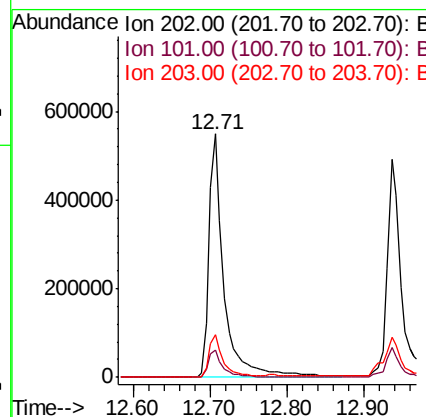
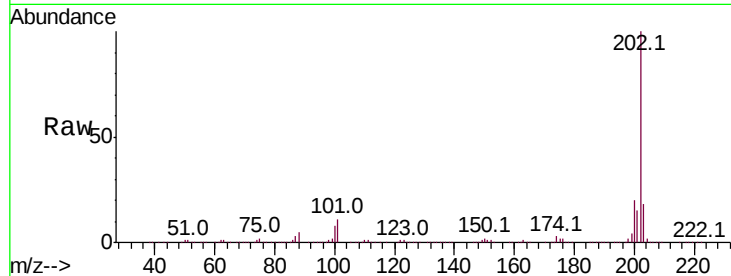
ClientSampleId :

WC-2

Tot Ion	Ratio	Resp	Lower	Upper
202	100	745368		
101	11.2	0.0	34.1	
203	17.7	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.000 ng

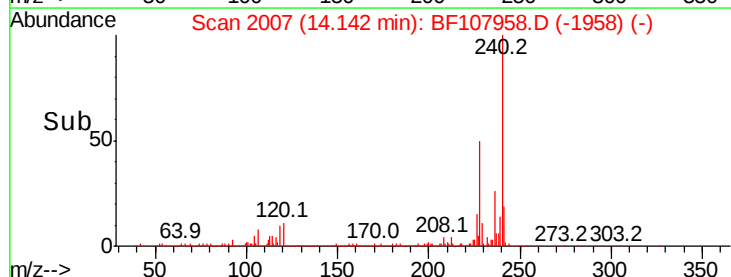
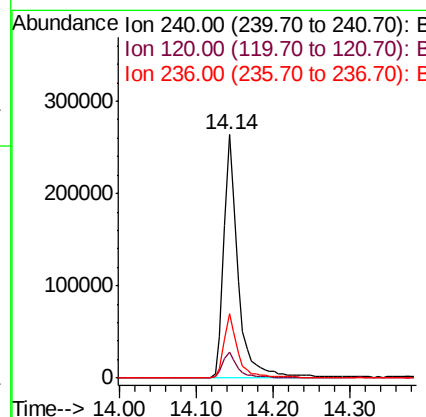
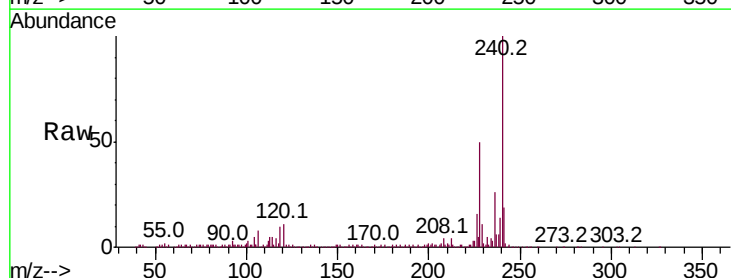
RT: 14.14 min Scan# 2007

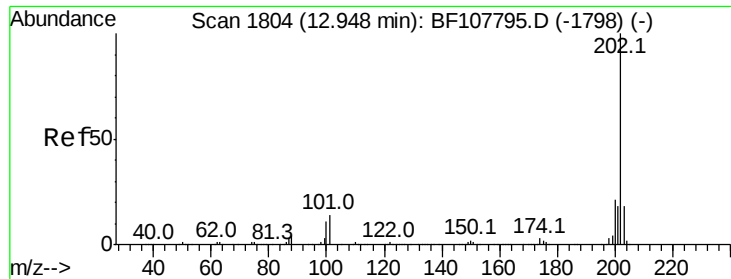
Delta R.T. -0.01 min

Lab File: BF107958.D

Acq: 4 Aug 2018 00:31

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	343001		
120	10.9	9.5	14.3	
236	26.4	20.7	31.1	





#77

Pvrene

Concen: 25.700 ng

RT: 12.94 min Scan# 1802

Delta R.T. -0.01 min

Lab File: BF107958.D

Acq: 4 Aug 2018 00:31

Instrument :

BNA_F

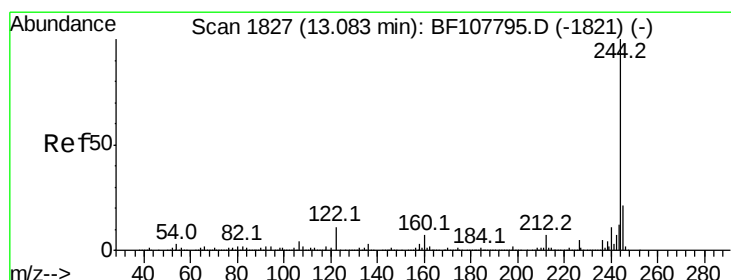
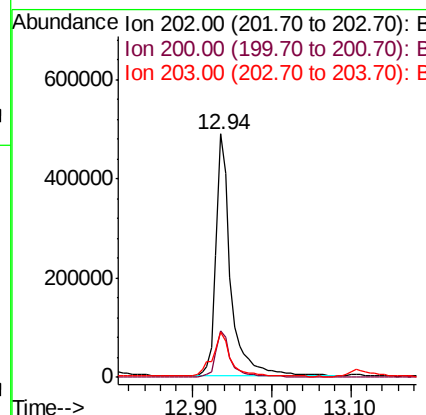
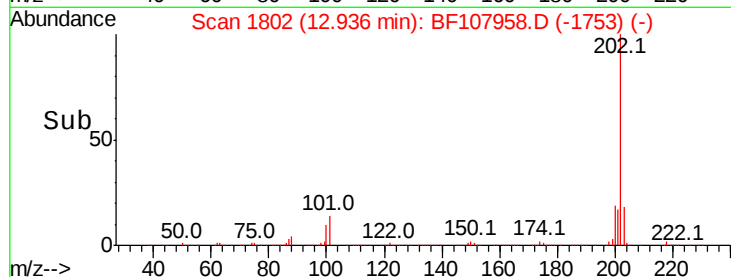
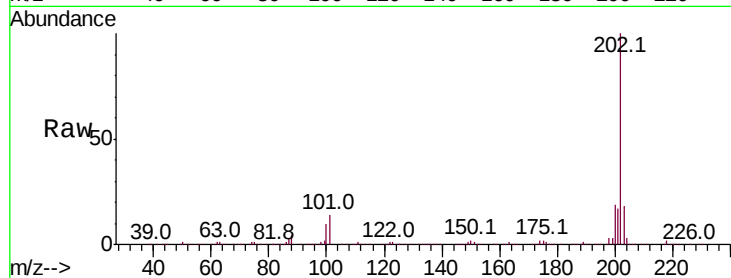
ClientSampleId :

WC-2

Tot Ion:	202	Resp:	634759
Ion Ratio	Lower	Upper	
202	100		
200	19.2	17.4	26.2
203	18.4	14.3	21.5

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#78

Terphenyl-d14

Concen: 22.746 ng

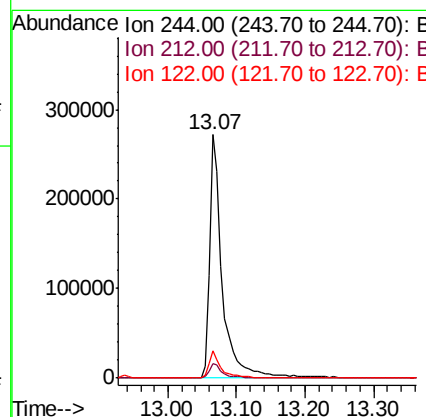
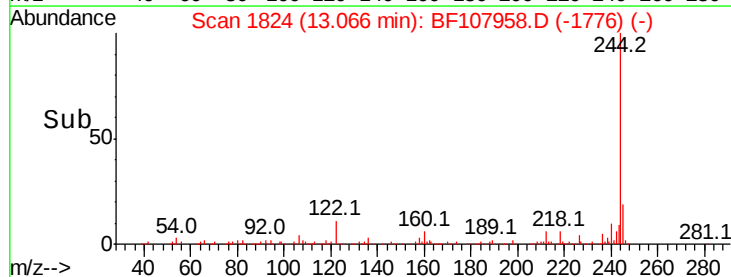
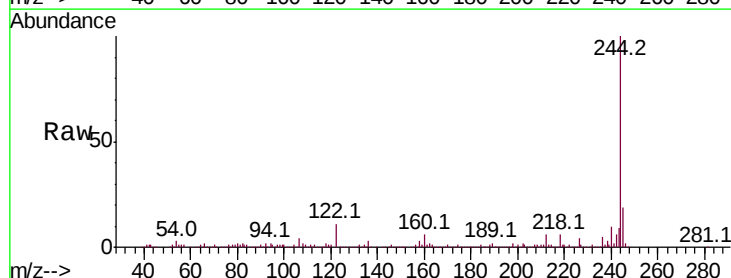
RT: 13.07 min Scan# 1824

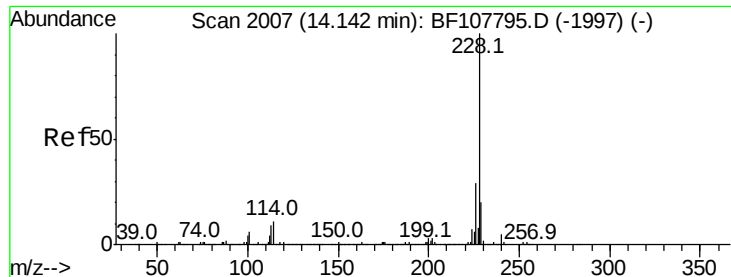
Delta R.T. -0.02 min

Lab File: BF107958.D

Acq: 4 Aug 2018 00:31

Tgt Ion:	244	Resp:	359795
Ion Ratio	Lower	Upper	
244	100		
212	6.1	5.4	8.0
122	11.1	11.0	16.4





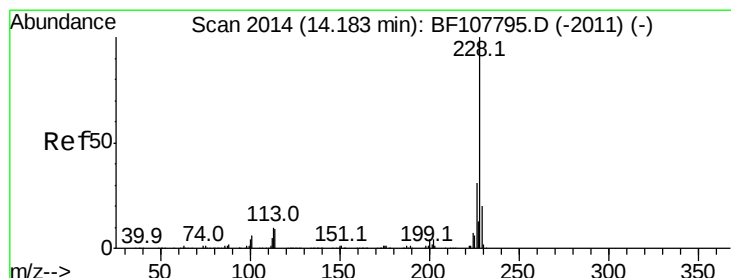
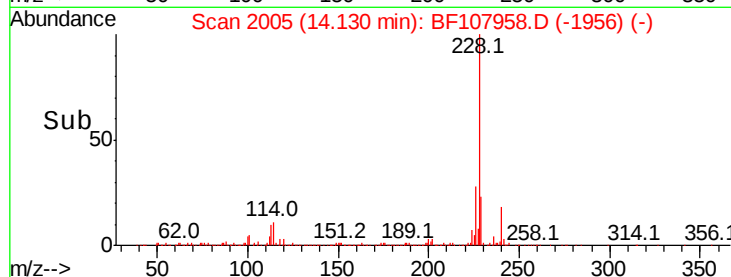
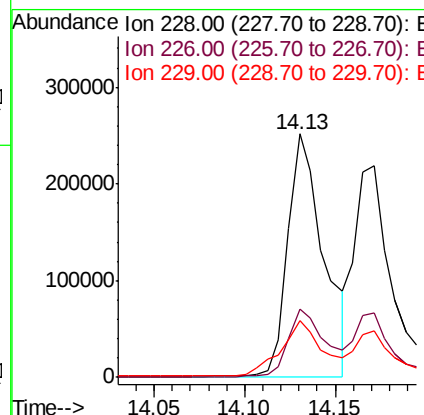
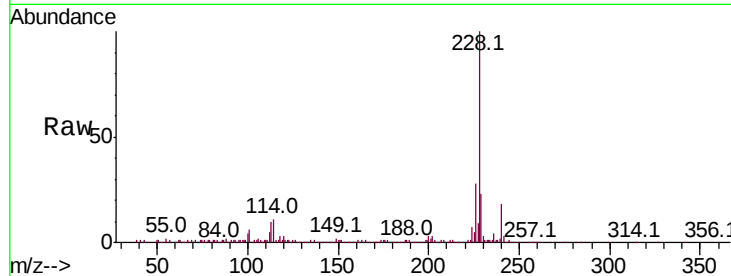
#80
Benzo(a)anthracene
Concen: 17.883 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF107958.D
Acq: 4 Aug 2018 00:31

Instrument :
BNA_F
ClientSampleId :
WC-2

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	23.5	15.8	23.6

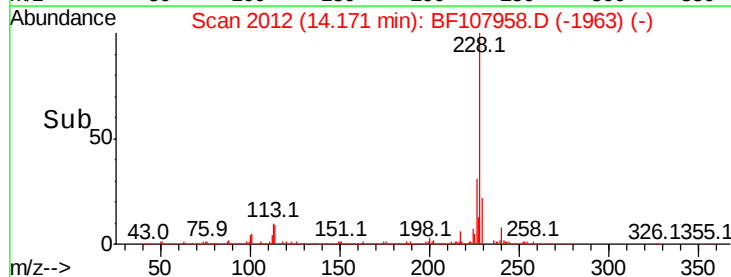
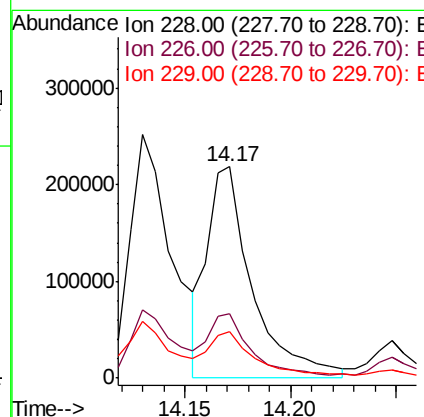
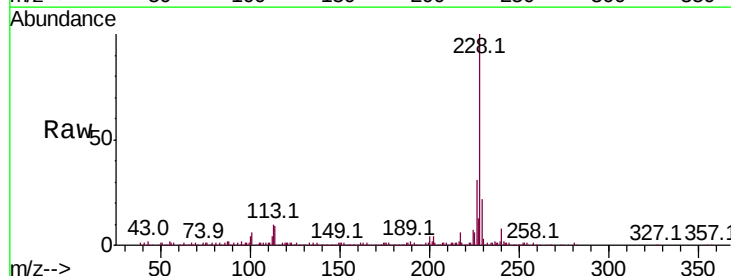
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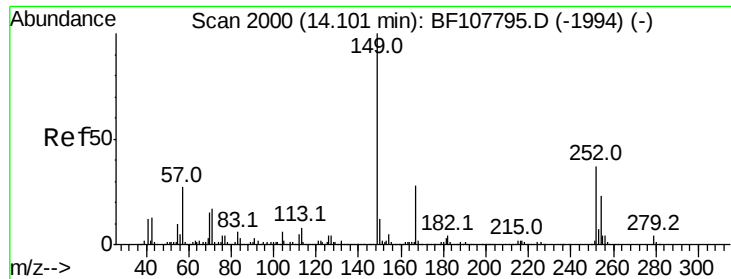
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#82
Chrysene
Concen: 15.318 ng
RT: 14.17 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF107958.D
Acq: 4 Aug 2018 00:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	22.1	16.2	24.4





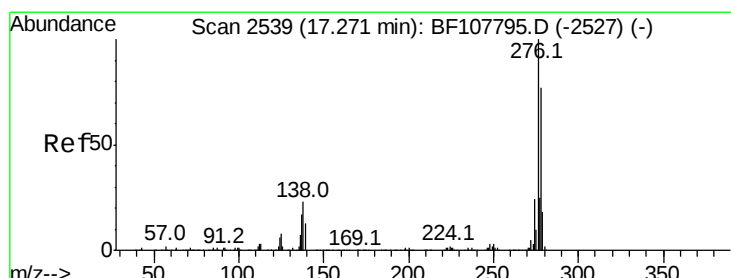
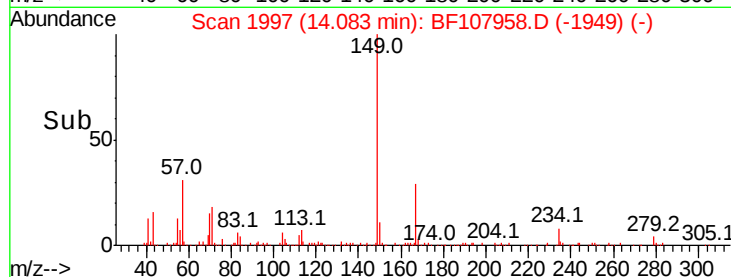
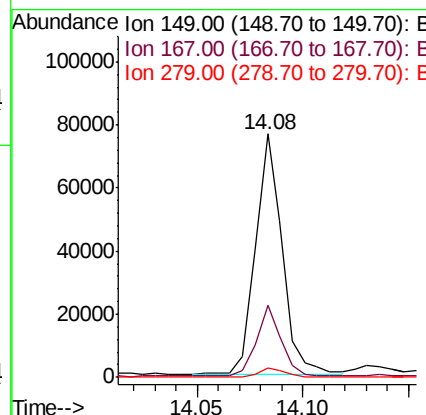
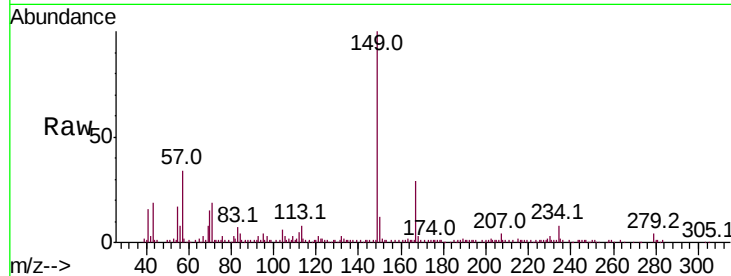
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.917 ng
 RT: 14.08 min Scan# 1997
 Delta R.T. -0.02 min
 Lab File: BF107958.D
 Acq: 4 Aug 2018 00:31

Instrument :
 BNA_F
 ClientSampled :
 WC-2

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.4	21.3	31.9
279	3.7	3.0	4.4

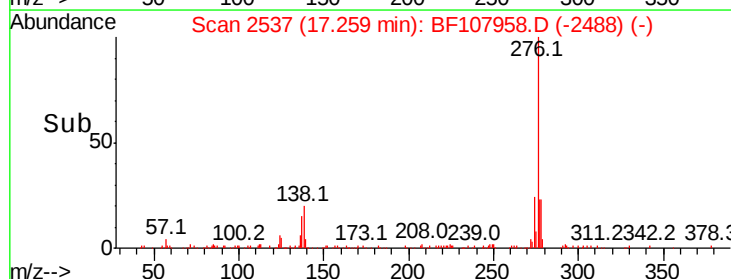
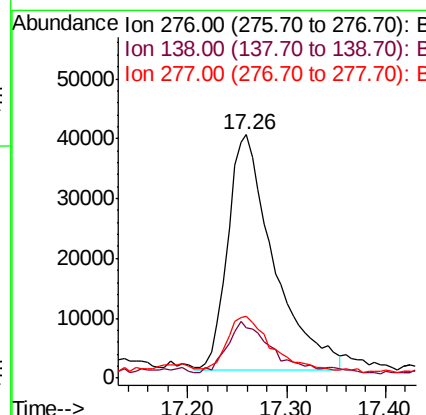
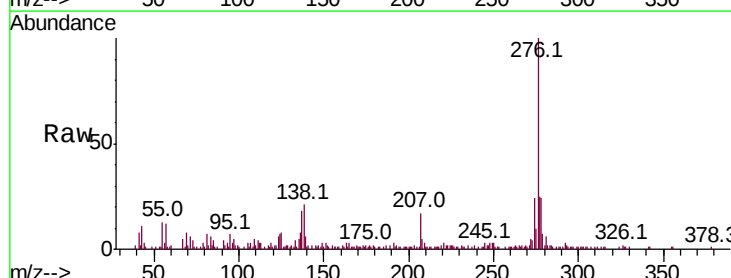
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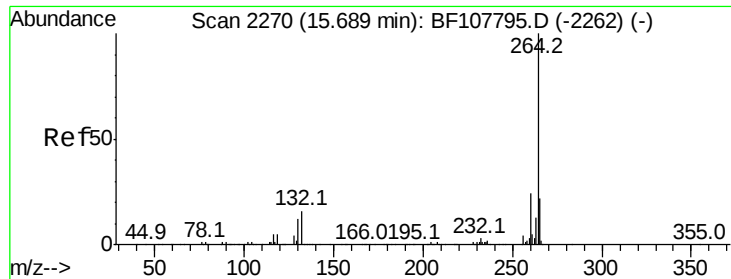
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#85
 Indeno(1,2,3-cd)pyrene
 Concen: 7.985 ng m
 RT: 17.26 min Scan# 2537
 Delta R.T. -0.01 min
 Lab File: BF107958.D
 Acq: 4 Aug 2018 00:31

Tgt Ion	Ratio	Lower	Upper
276	100		
138	1.1	25.0	37.6#
277	0.9	20.1	30.1#





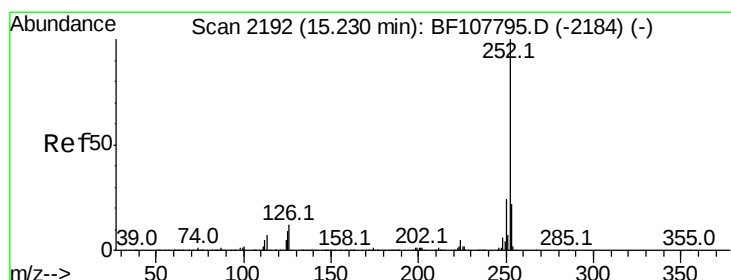
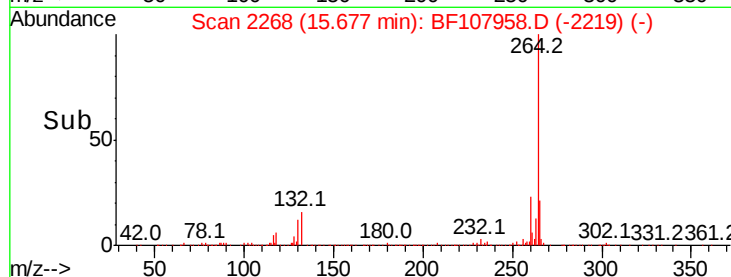
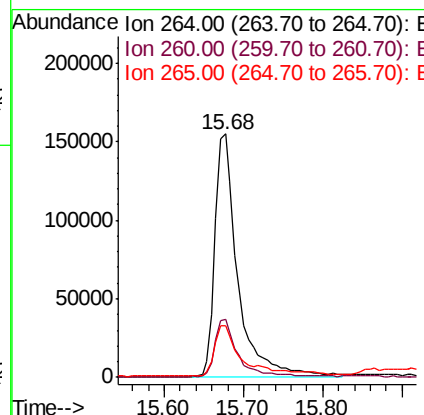
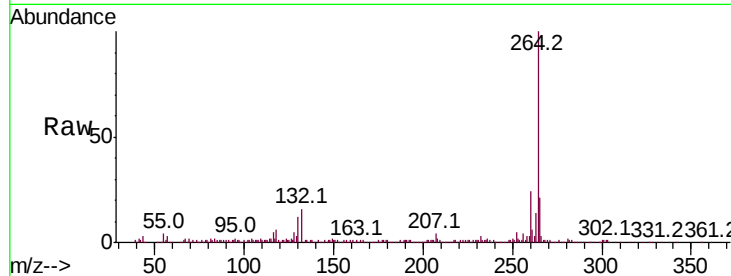
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF107958.D
Acq: 4 Aug 2018 00:31

Instrument :
BNA_F
ClientSampled :
WC-2

Tot Ion:	264	Resp:	310081
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.2	28.8
265	21.3	17.5	26.3

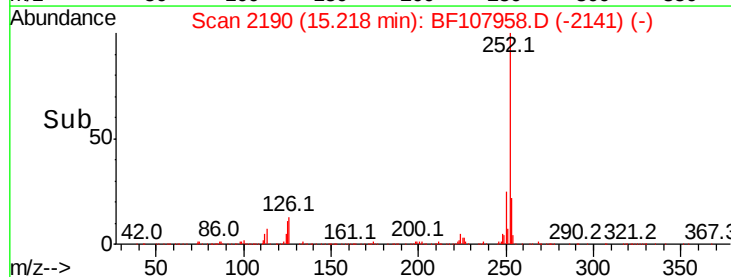
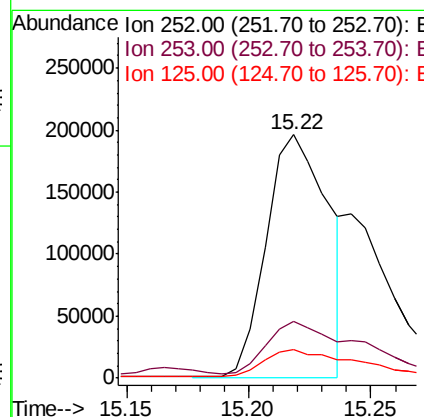
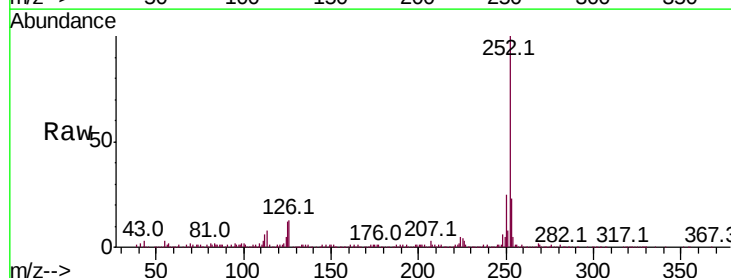
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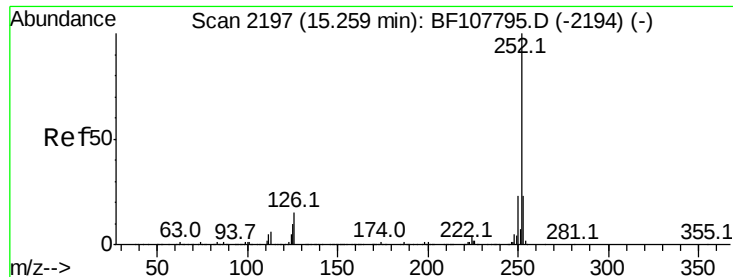
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#87
Benzo(b)fluoranthene
Concen: 22.742 ng m
RT: 15.22 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BF107958.D
Acq: 4 Aug 2018 00:31

Tgt Ion:	252	Resp:	347799
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.0	25.6
125	11.7	9.0	13.6





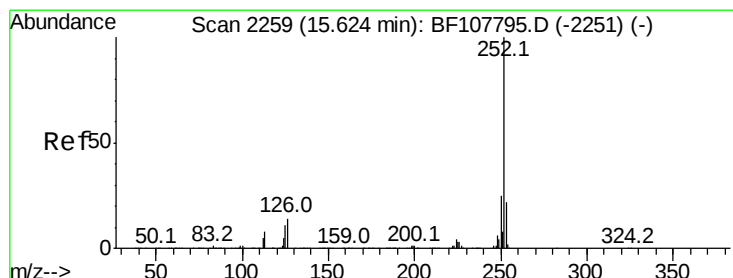
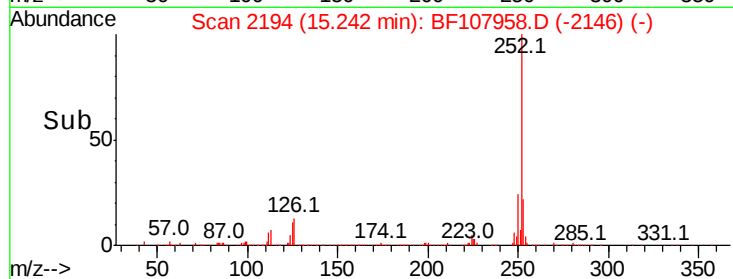
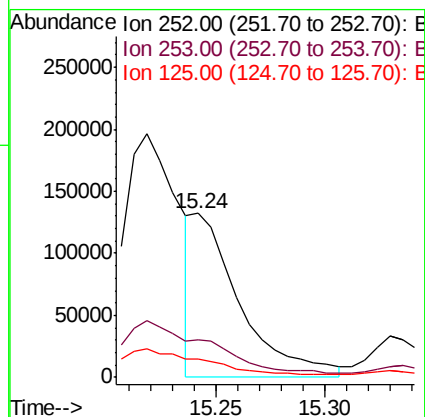
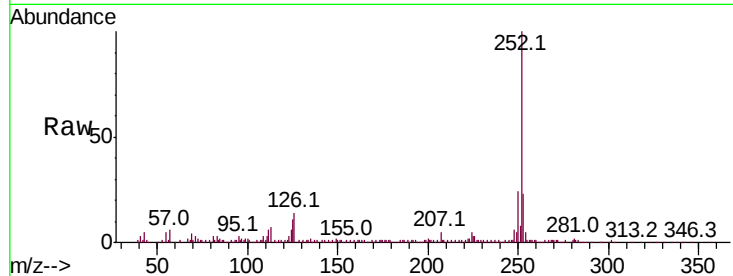
#88
Benzo(k)fluoranthene
Concen: 10.700 ng m
RT: 15.24 min Scan# 2194
Delta R.T. -0.02 min
Lab File: BF107958.D
Acq: 4 Aug 2018 00:31

Instrument :
BNA_F
ClientSampleId :
WC-2

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	11.0	10.2	15.2

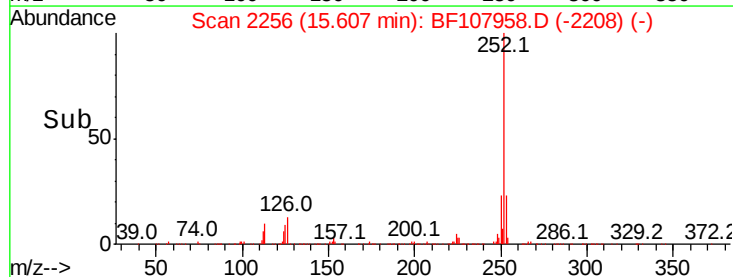
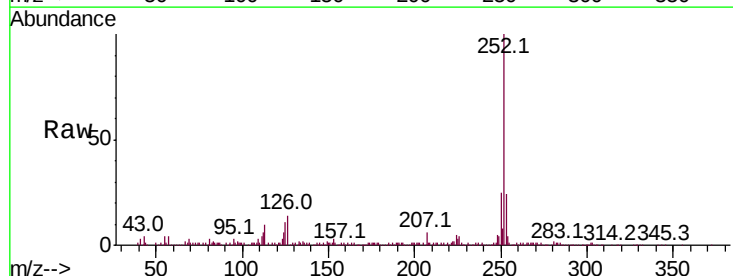
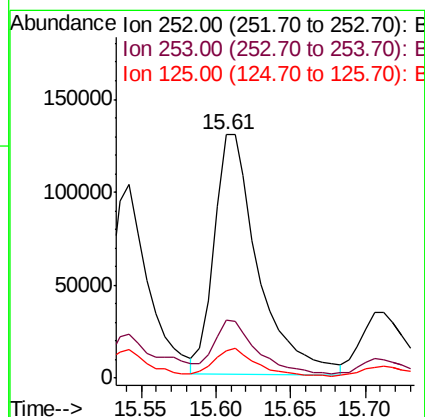
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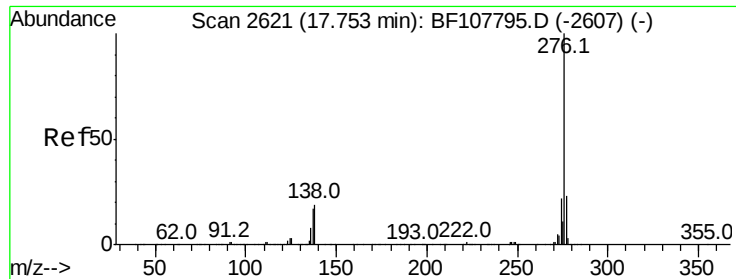
Sohil
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#89
Benzo(a)pyrene
Concen: 16.909 ng
RT: 15.61 min Scan# 2256
Delta R.T. -0.02 min
Lab File: BF107958.D
Acq: 4 Aug 2018 00:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.1	25.7
125	11.4	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 8.930 ng
 RT: 17.74 min Scan# 2618
 Delta R.T. -0.02 min
 Lab File: BF107958.D
 Acq: 4 Aug 2018 00:31

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	25.3	17.9	26.9
138	24.7	21.8	32.8

Manual Integrations
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