

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
 Data File : BF107758.D
 Acq On : 27 Jul 2018 20:49
 Operator : JU/SJ
 Sample : J4121-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-03(8-10)

Manual Integrations
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Sohil
 7/30/2018 2:03:04 PM

Quant Time: Jul 28 02:13:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	167469	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	663319	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	269883	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	471966	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	432724	20.00	ng	-0.02
86) Perylene-d12	15.68	264	400907	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	988508	94.90	ng	-0.01
7) Phenol-d6	6.60	99	1282446	102.54	ng	-0.02
23) Nitrobenzene-d5	7.52	82	779267	79.28	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	327753	106.80	ng	-0.02
44) 2-Fluorobiphenyl	9.31	172	1227039	75.49	ng	-0.02
78) Terphenyl-d14	13.08	244	939391	55.58	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.71	163	95125	4.677	ng	99
70) Phenanthrene	11.52	178	100960	4.390	ng	98
71) Anthracene	11.57	178	48854	2.110	ng	97
74) Fluoranthene	12.72	202	241818	9.798	ng	96
77) Pyrene	12.94	202	204921	6.923	ng	98
80) Benzo(a)anthracene	14.14	228	129456	5.105	ng	96
82) Chrysene	14.17	228	114179	4.687	ng	97
87) Benzo(b)fluoranthene	15.22	252	111040m	5.061	ng	
88) Benzo(k)fluoranthene	15.24	252	66878m	3.111	ng	
89) Benzo(a)pyrene	15.61	252	93869	4.677	ng	97
91) Benzo(g,h,i)perylene	17.73	276	34609	2.022	ng	# 93

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

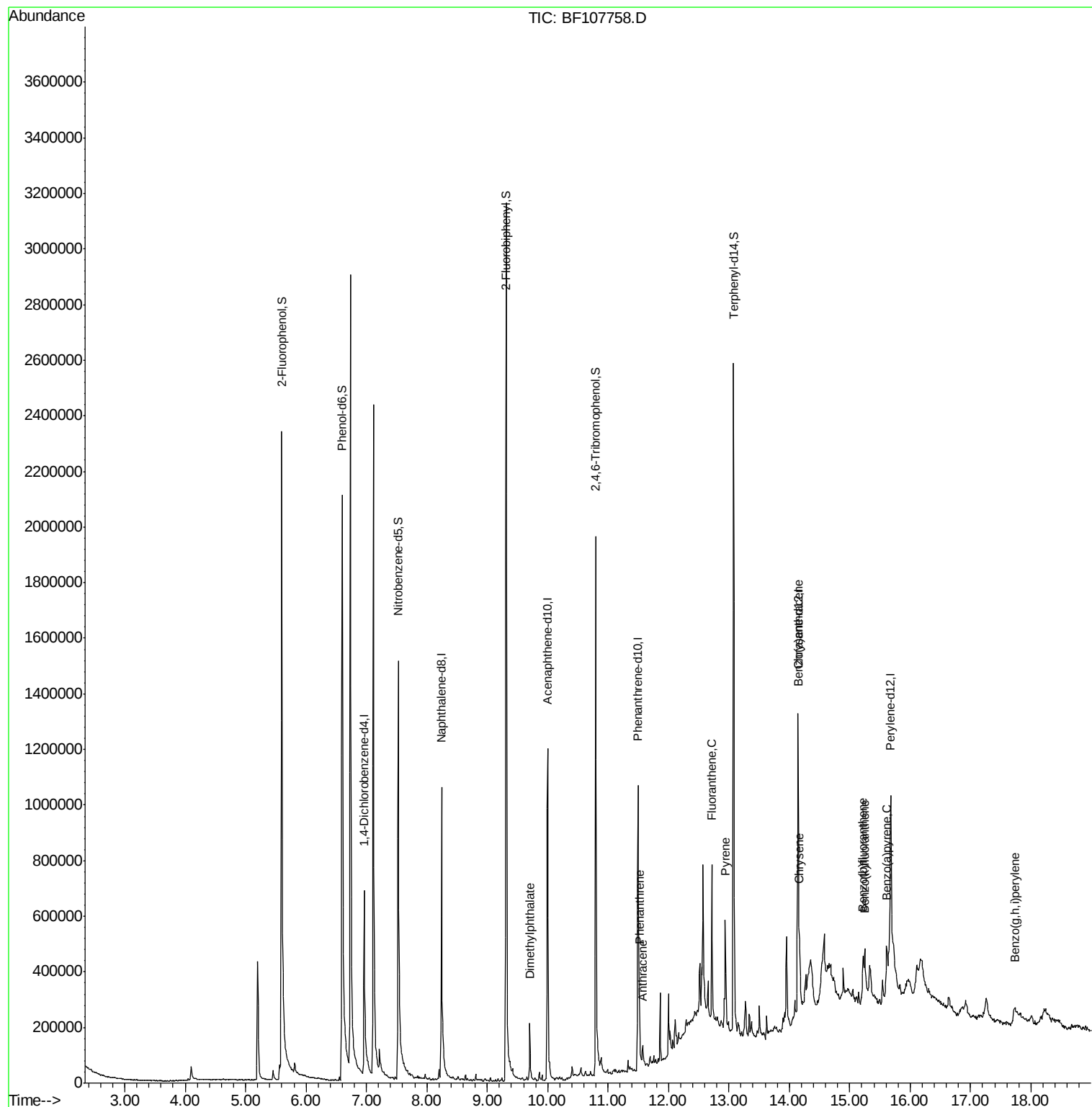
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
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ALS Vial : 17 Sample Multiplier: 1

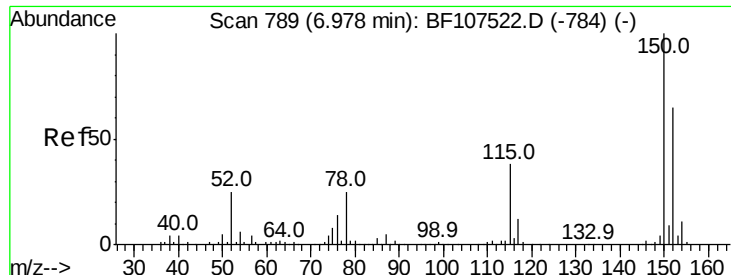
Instrument :
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GW-03(8-10)

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
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#1

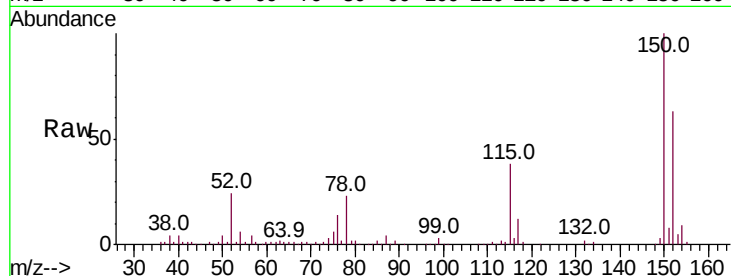
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF107758.D
Acq: 27 Jul 2018 20:49

Instrument :
BNA_F
ClientSampleId :
GW-03(8-10)

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.6	186.8
115	60.9	50.1	75.1

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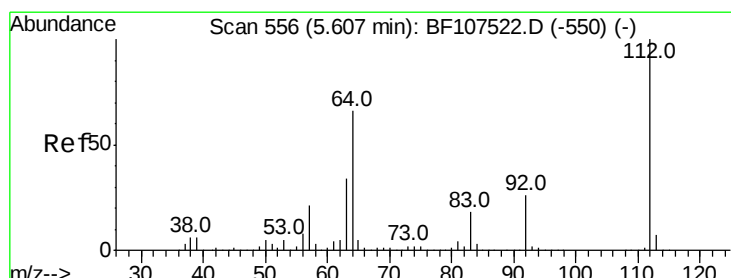
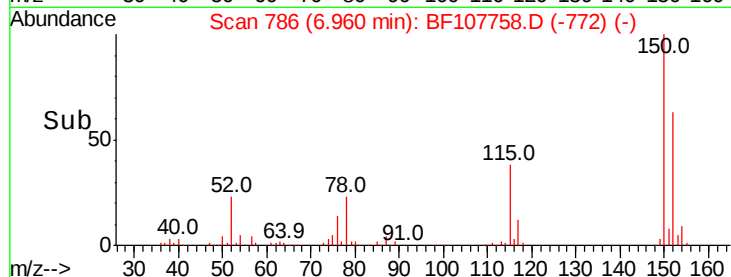
Abundance

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

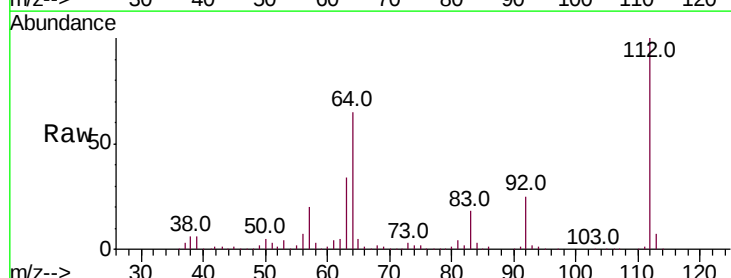
Time-->



#5

2-Fluorophenol
Concen: 94.903 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107758.D
Acq: 27 Jul 2018 20:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.9	47.9	71.9
63	33.5	23.7	35.5



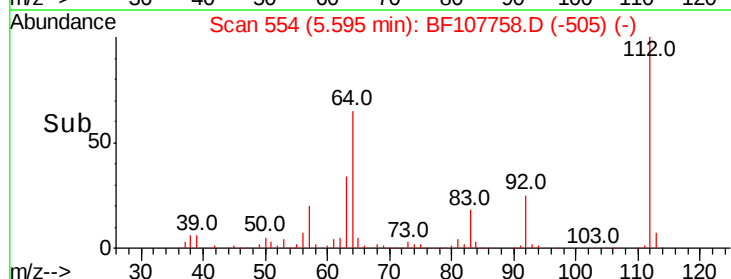
Abundance

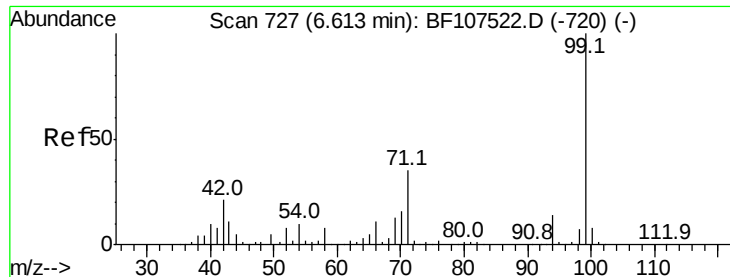
Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Time-->





#7

Phenol-d6

Concen: 102.539 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107758.D

Acq: 27 Jul 2018 20:49

Instrument :

BNA_F

ClientSampleId :

GW-03(8-10)

Tot Ion: 99 Resp: 1282446

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

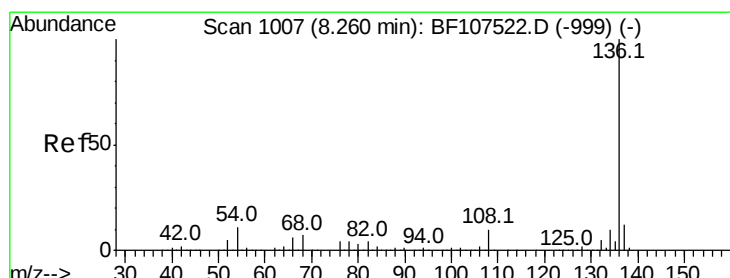
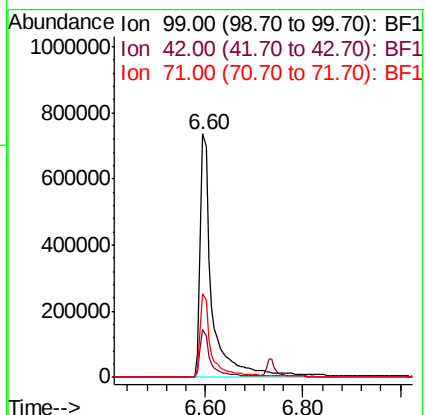
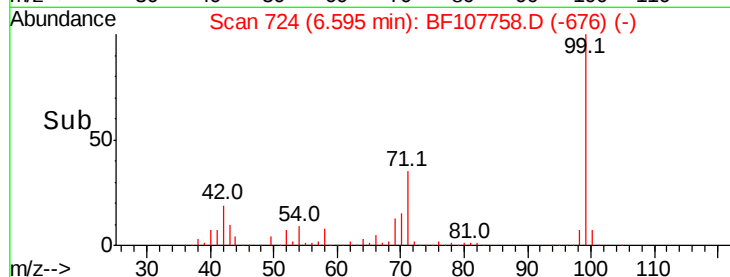
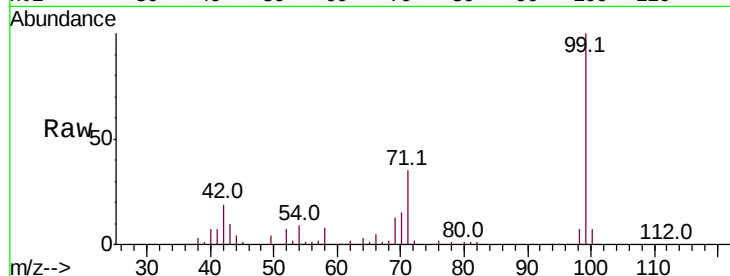
71 34.5 25.4 38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BF107758.D

Acq: 27 Jul 2018 20:49

Tgt Ion: 136 Resp: 663319

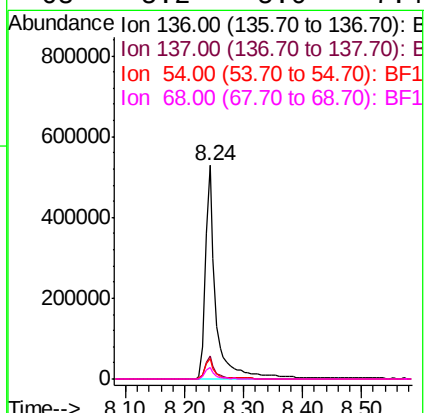
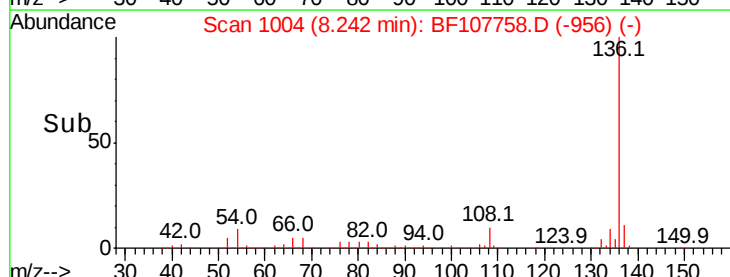
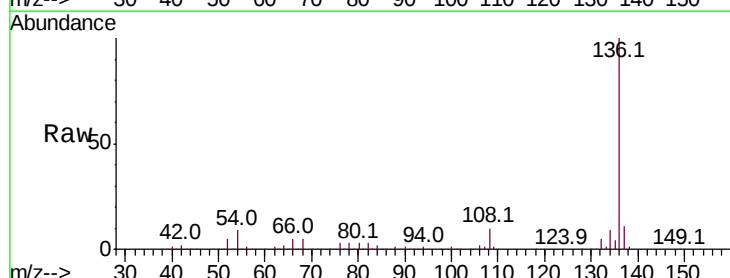
Ion Ratio Lower Upper

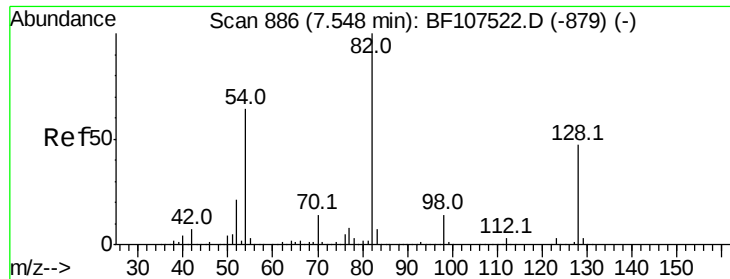
136 100

137 11.1 8.9 13.3

54 9.4 6.6 9.8

68 5.2 5.0 7.4





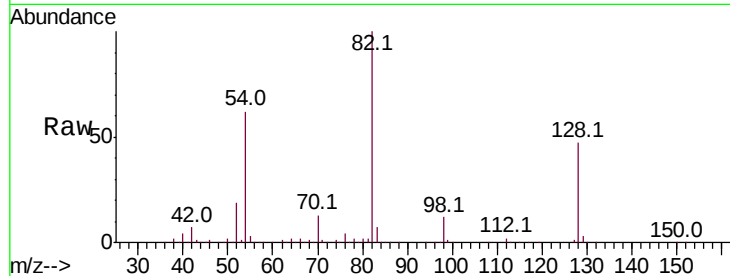
#23
Nitrobenzene-d5
Concen: 79.284 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF107758.D
Acq: 27 Jul 2018 20:49

Instrument :
BNA_F
ClientSampleId :
GW-03(8-10)

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.1	54.1
54	61.8	41.4	62.2

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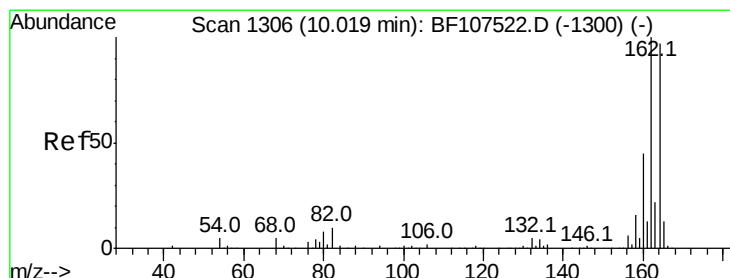
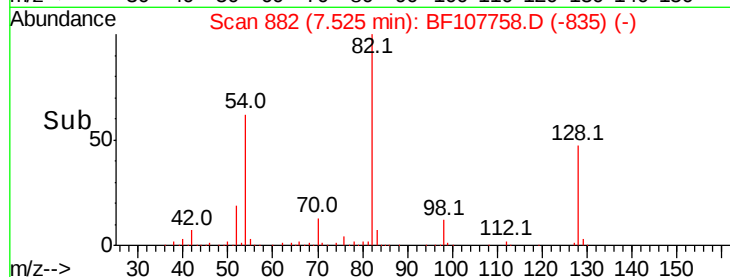
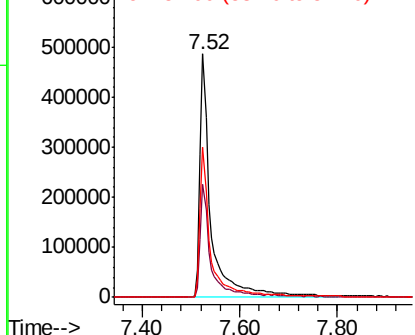


Abundance

Ion 82.00 (81.70 to 82.70): BF1

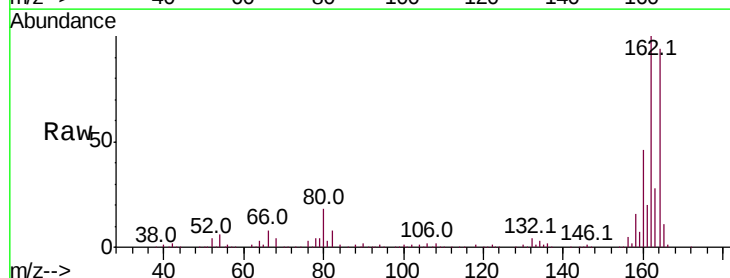
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF107758.D
Acq: 27 Jul 2018 20:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.9	86.1	129.1
160	49.1	38.3	57.5

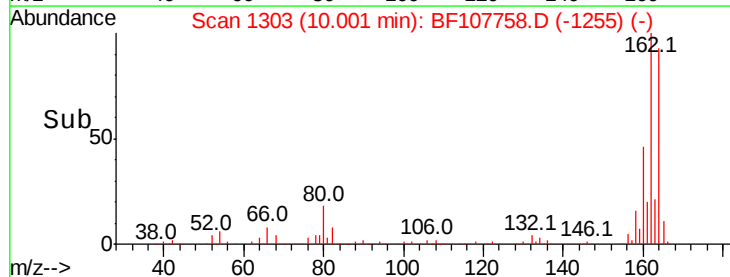
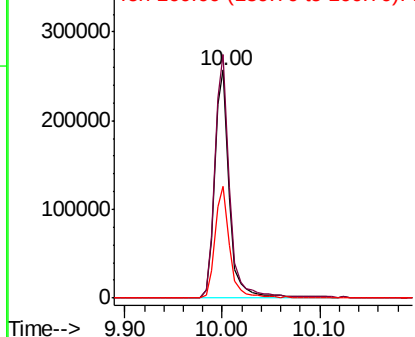


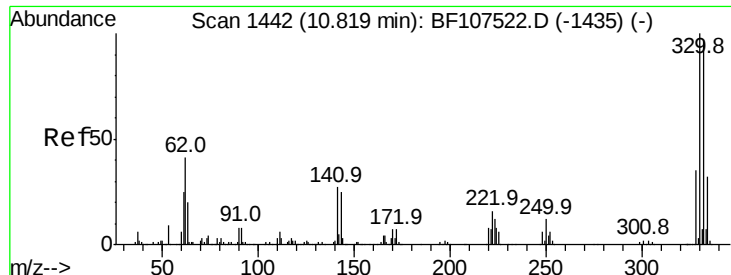
Abundance

Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





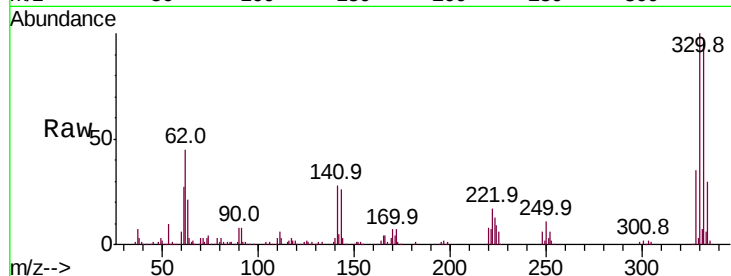
#41
 2,4,6-Tribromophenol
 Concen: 106.795 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.02 min
 Lab File: BF107758.D
 Acq: 27 Jul 2018 20:49

Instrument :
 BNA_F
 ClientSampleId :
 GW-03(8-10)

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.8	77.0	115.6	
141	28.7	29.9	44.9	

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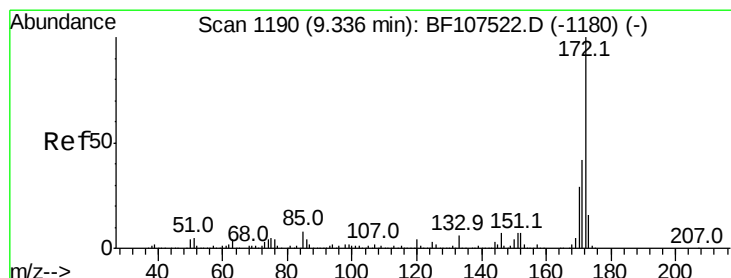
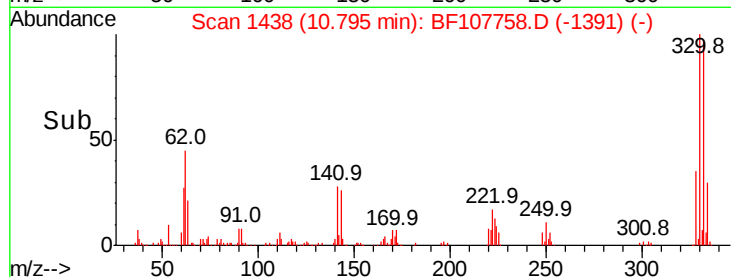
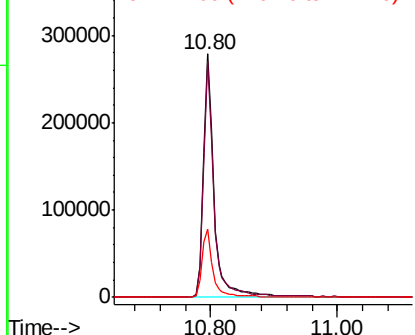


Abundance

Ion 329.80 (329.50 to 330.50): E

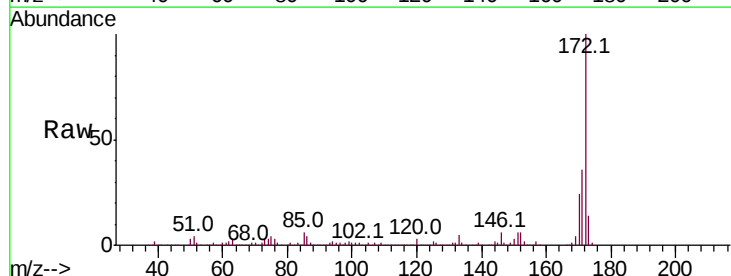
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 75.491 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.02 min
 Lab File: BF107758.D
 Acq: 27 Jul 2018 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.3	29.7	44.5	
170	24.2	19.6	29.4	

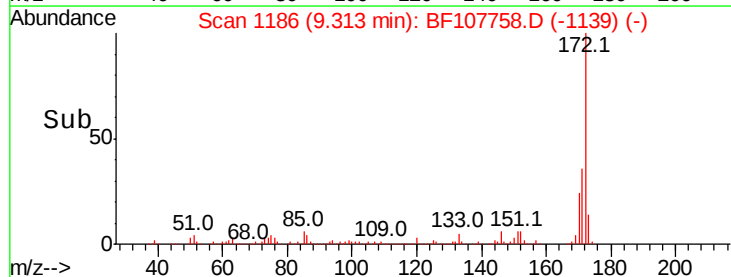
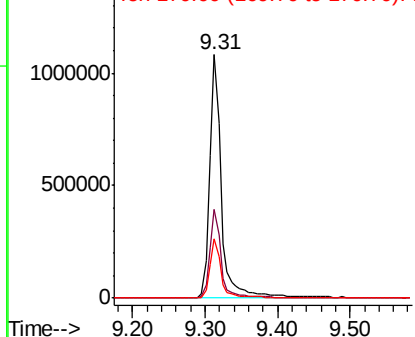


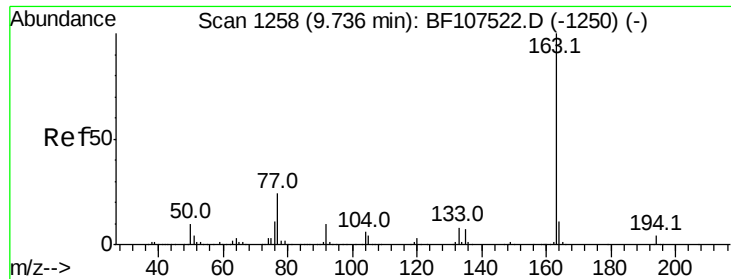
Abundance

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





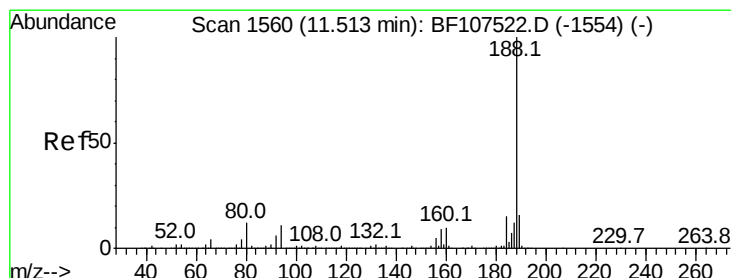
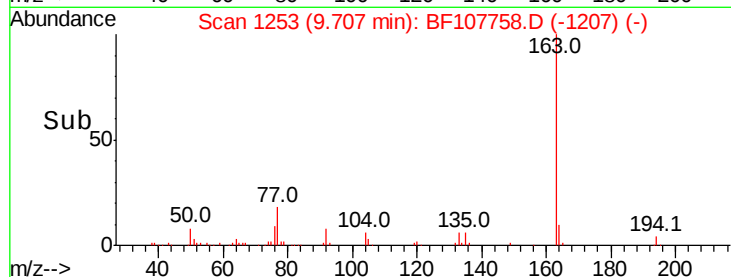
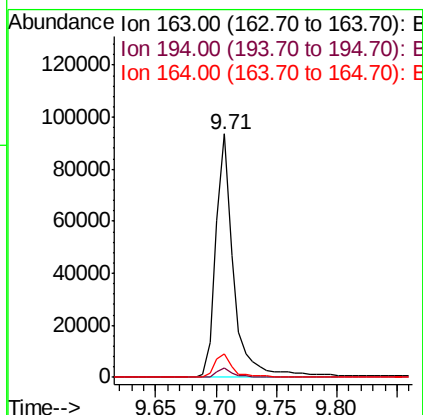
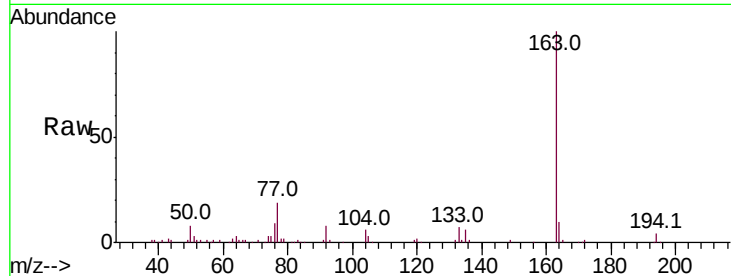
#49
Dimethylphthalate
Concen: 4.677 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.03 min
Lab File: BF107758.D
Acq: 27 Jul 2018 20:49

Instrument :
BNA_F
ClientSampleId :
GW-03(8-10)

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	9.7	8.2	12.2

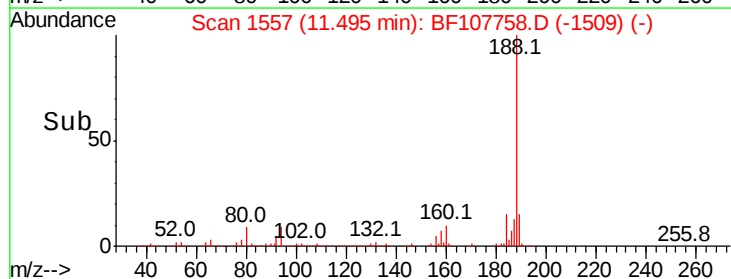
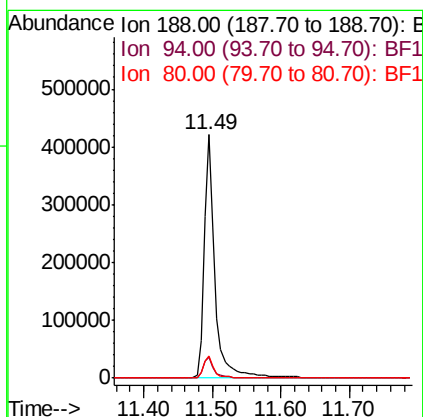
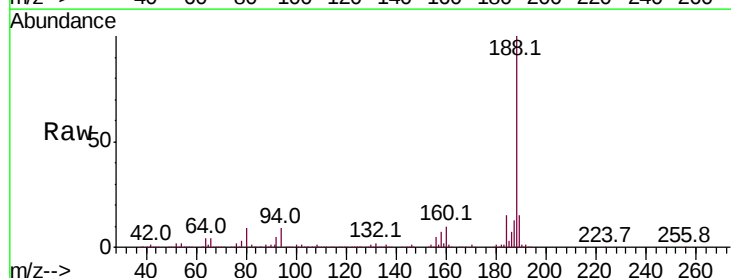
Manual Integrations
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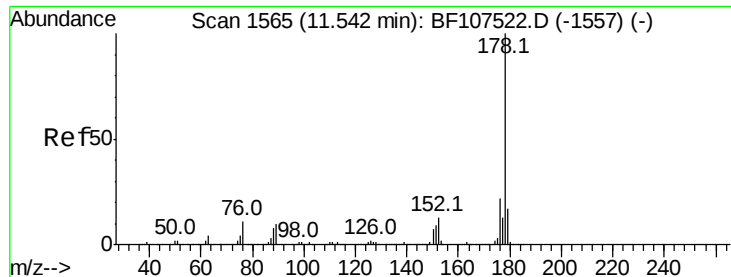
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF107758.D
Acq: 27 Jul 2018 20:49

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.3	9.2	13.8





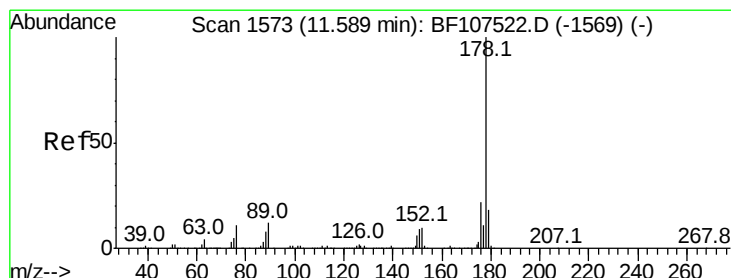
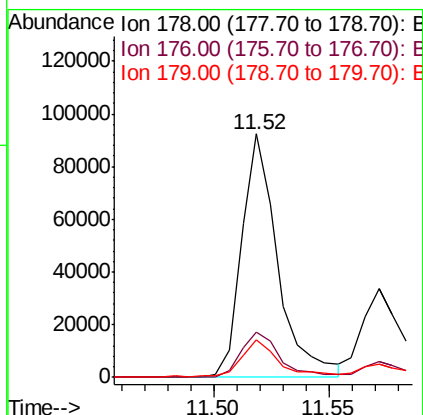
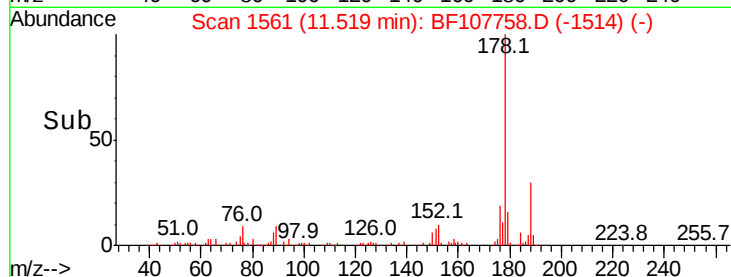
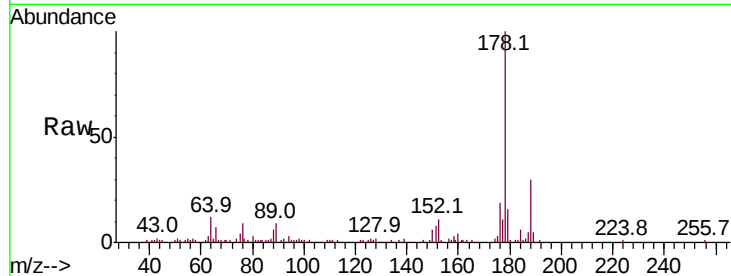
#70
Phenanthrene
Concen: 4.390 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.02 min
Lab File: BF107758.D
Acq: 27 Jul 2018 20:49

Instrument :
BNA_F
ClientSampleId :
GW-03(8-10)

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	15.5	13.0	19.6

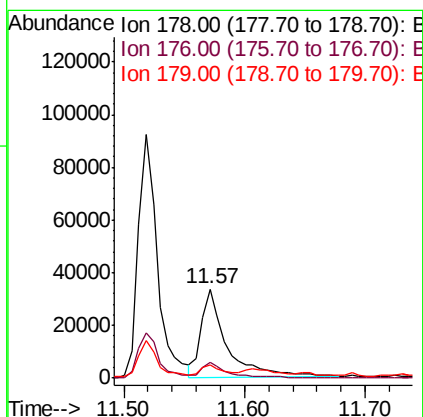
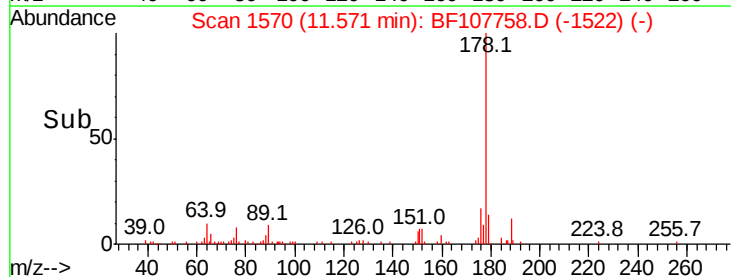
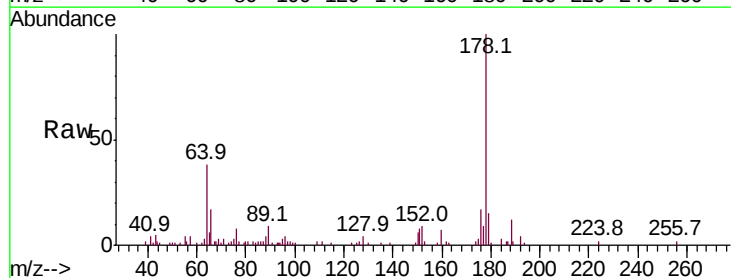
Manual Integrations
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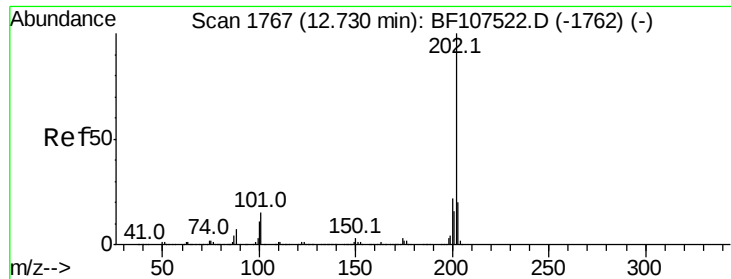
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#71
Anthracene
Concen: 2.110 ng
RT: 11.57 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF107758.D
Acq: 27 Jul 2018 20:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.2	15.4	23.2
179	15.4	12.6	19.0





#74

Fluoranthene

Concen: 9.798 ng

RT: 12.72 min Scan# 1765

Delta R.T. -0.01 min

Lab File: BF107758.D

Acq: 27 Jul 2018 20:49

Instrument :

BNA_F

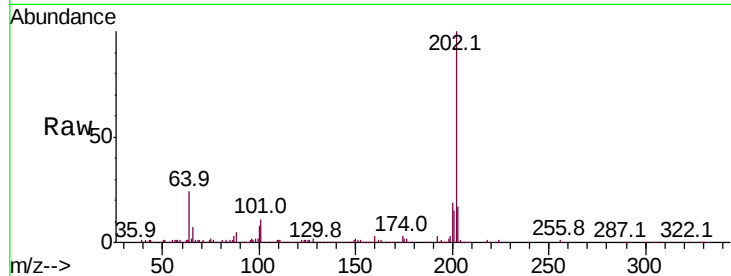
ClientSampled :

GW-03(8-10)

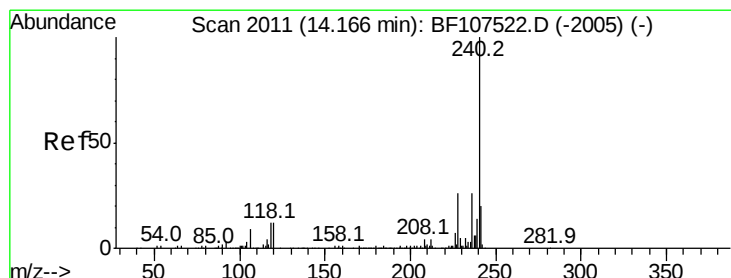
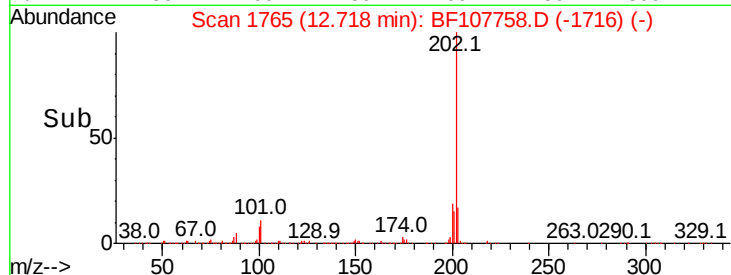
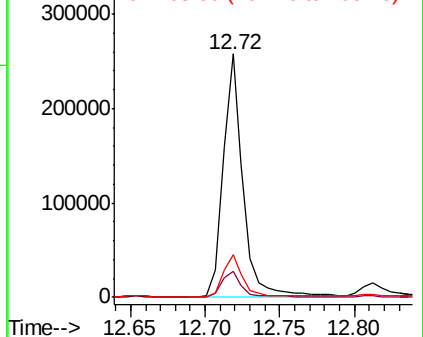
Tot Ion:	202	Resp:	241818
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	34.1
203	17.3	0.0	38.1

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

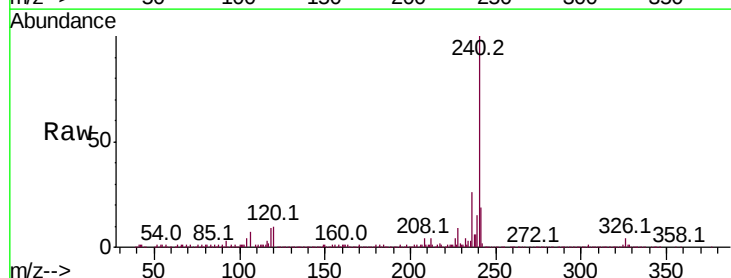
RT: 14.15 min Scan# 2008

Delta R.T. -0.02 min

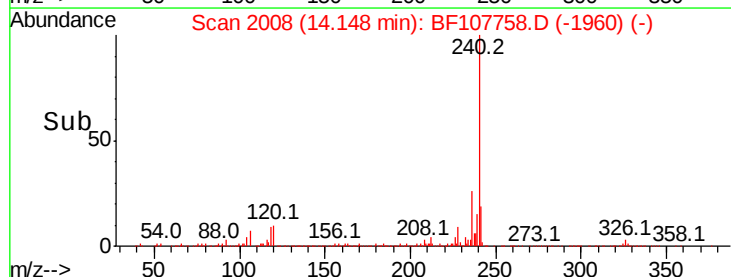
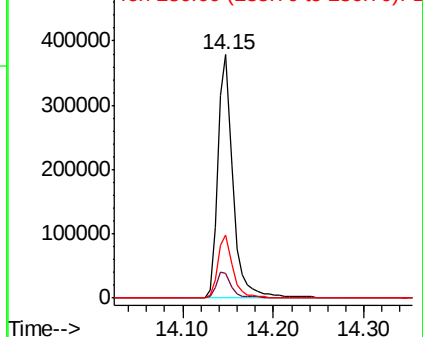
Lab File: BF107758.D

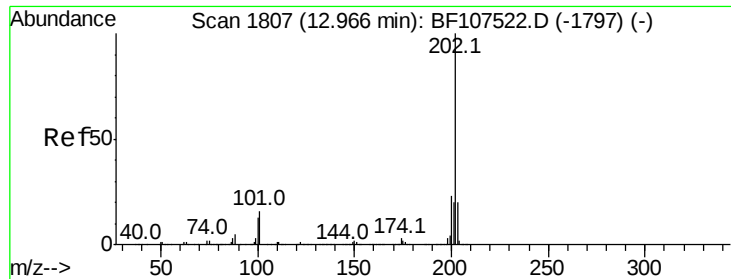
Acq: 27 Jul 2018 20:49

Tgt Ion:	240	Resp:	432724
Ion Ratio	Lower	Upper	
240	100		
120	10.4	9.5	14.3
236	26.1	20.7	31.1



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

Pvrene

Concen: 6.923 ng

RT: 12.94 min Scan# 1803

Delta R.T. -0.02 min

Lab File: BF107758.D

Acq: 27 Jul 2018 20:49

Instrument :

BNA_F

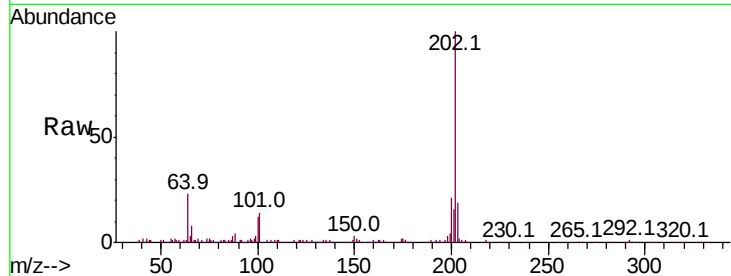
ClientSampleId :

GW-03(8-10)

Tot Ion:	202	Resp:	204921
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.4	26.2
203	19.0	14.3	21.5

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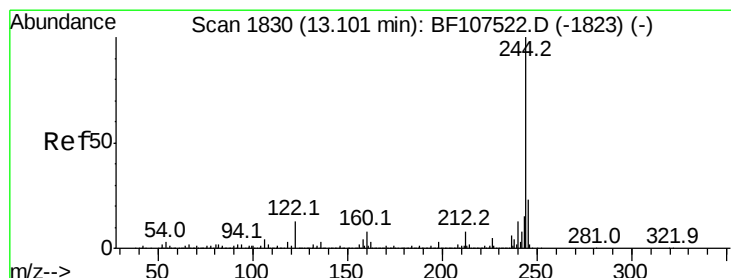
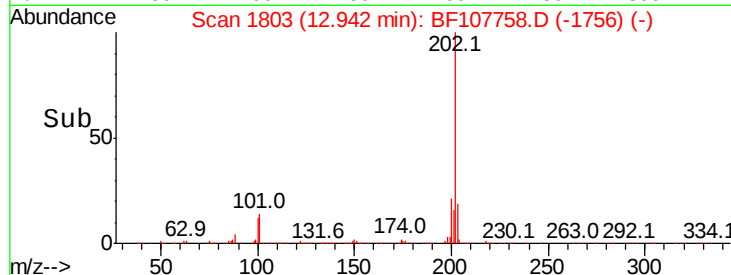
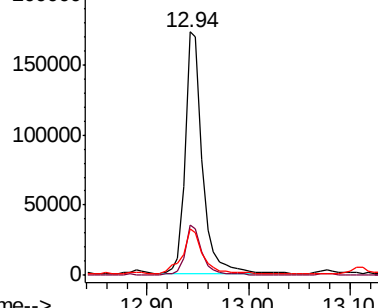


Abundance

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: 55.576 ng

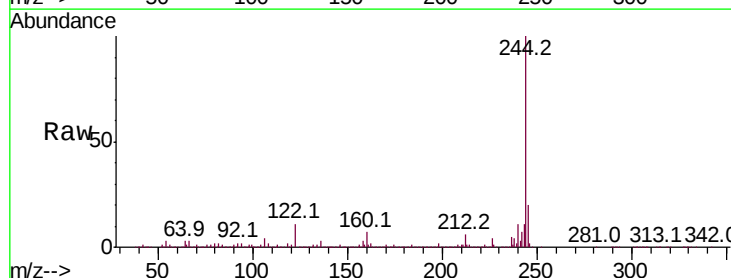
RT: 13.08 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF107758.D

Acq: 27 Jul 2018 20:49

Tgt Ion:	244	Resp:	939391
Ion Ratio	Lower	Upper	
244	100		
212	6.5	5.4	8.0
122	11.0	11.0	16.4

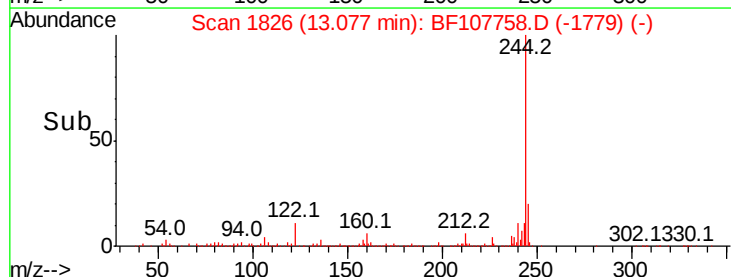
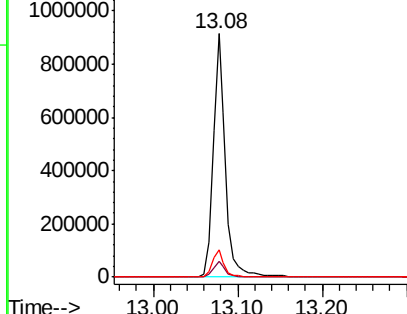


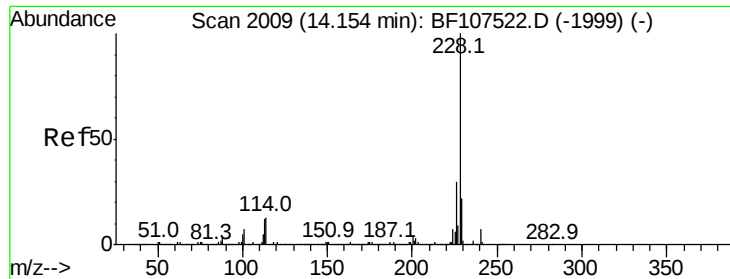
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





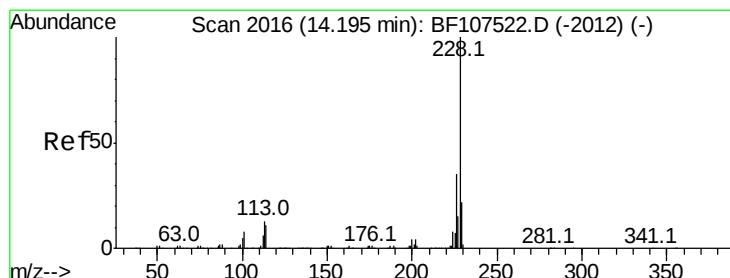
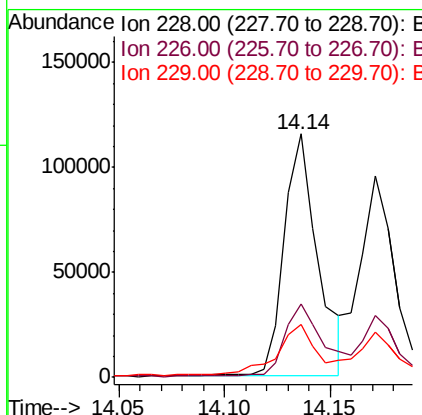
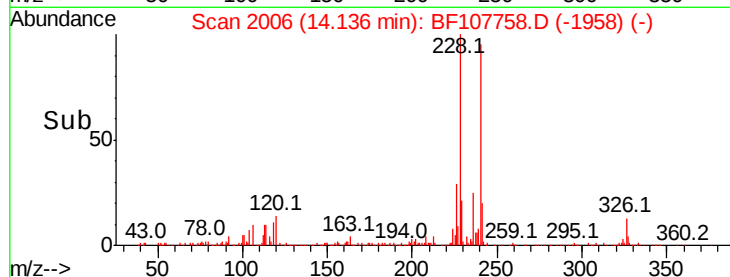
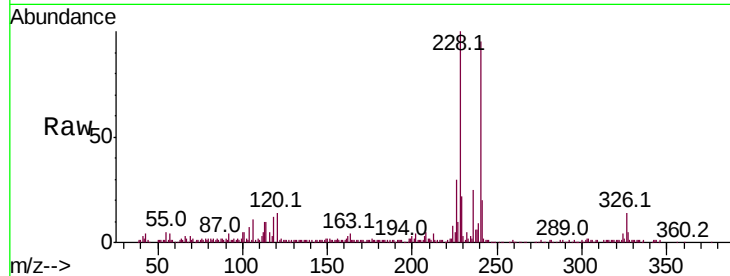
#80
Benzo(a)anthracene
Concen: 5.105 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF107758.D
Acq: 27 Jul 2018 20:49

Instrument :
BNA_F
ClientSampleId :
GW-03(8-10)

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.6	33.8
229	21.8	15.8	23.6

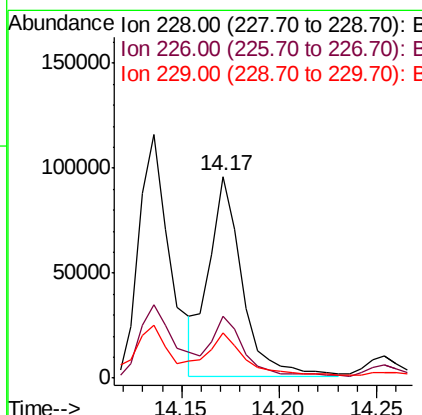
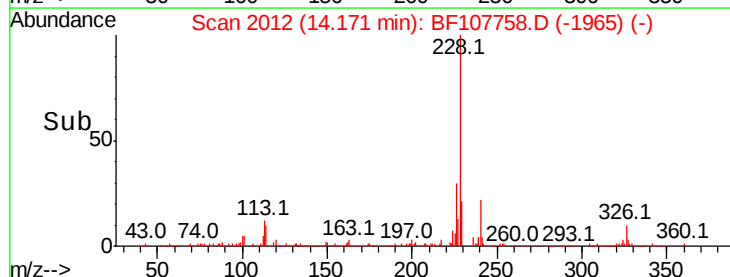
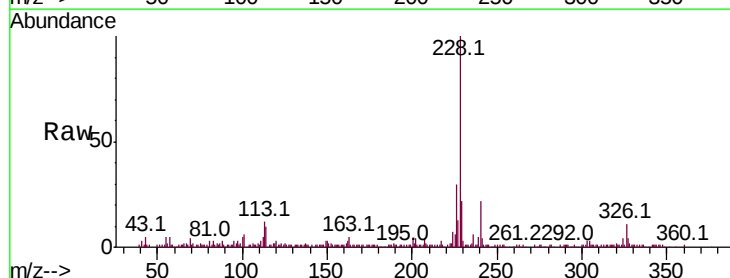
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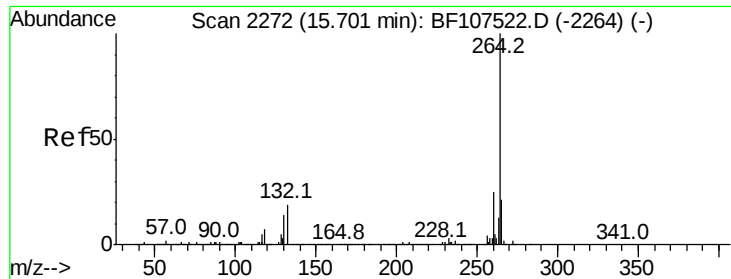
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#82
Chrysene
Concen: 4.687 ng
RT: 14.17 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BF107758.D
Acq: 27 Jul 2018 20:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	22.4	16.2	24.4





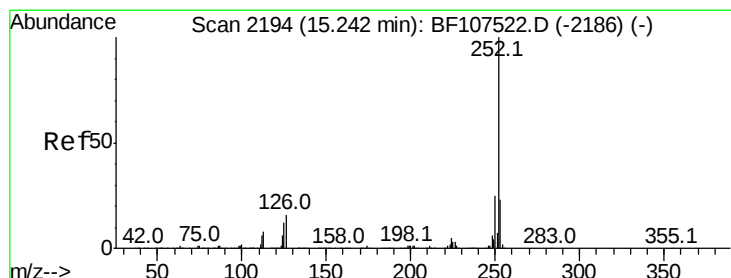
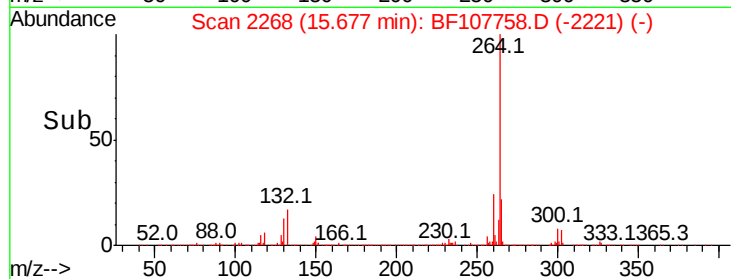
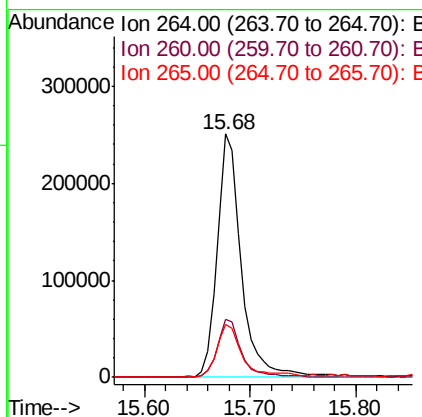
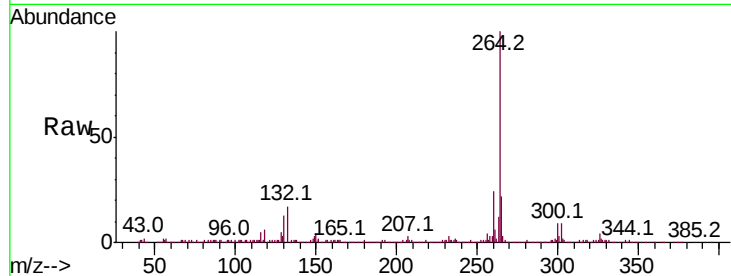
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF107758.D
Acq: 27 Jul 2018 20:49

Instrument :
BNA_F
ClientSampleId :
GW-03(8-10)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.0	17.5	26.3

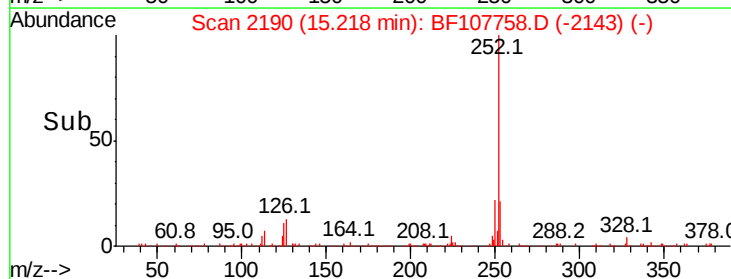
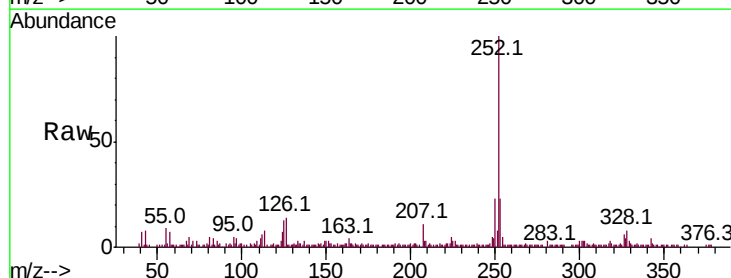
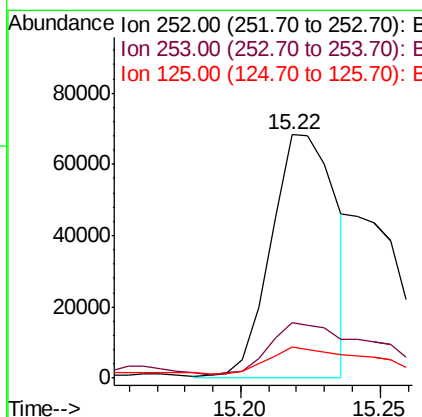
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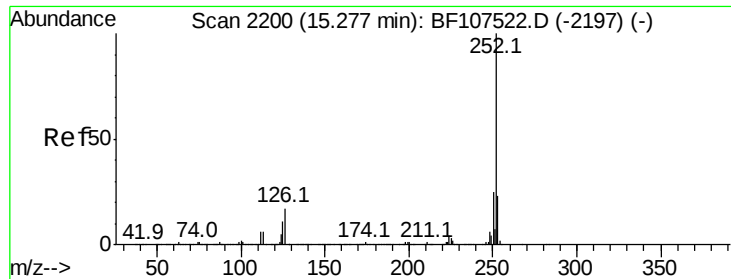
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#87
Benzo(b)fluoranthene
Concen: 5.061 ng m
RT: 15.22 min Scan# 2190
Delta R.T. -0.02 min
Lab File: BF107758.D
Acq: 27 Jul 2018 20:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	12.7	9.0	13.6





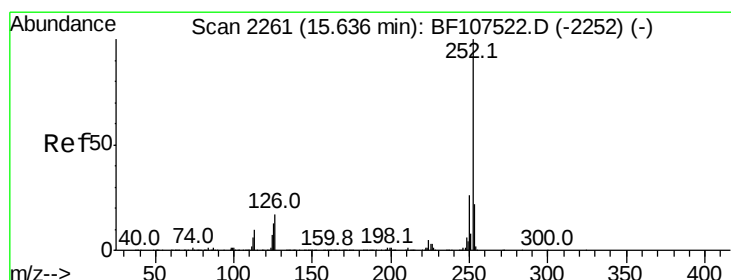
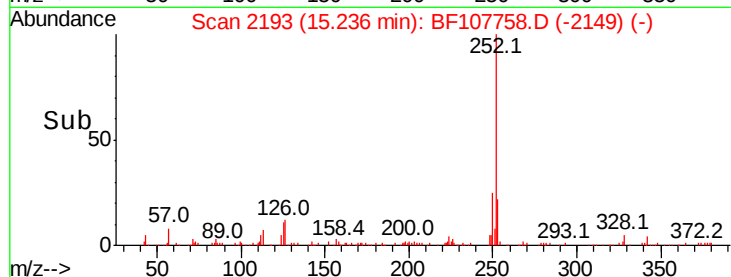
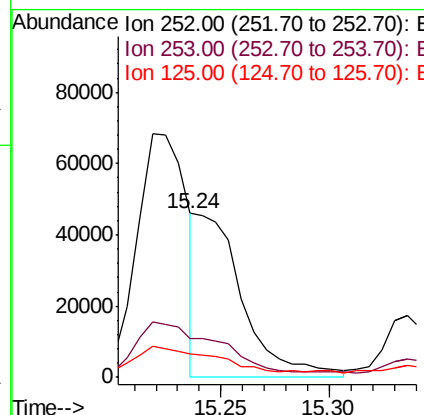
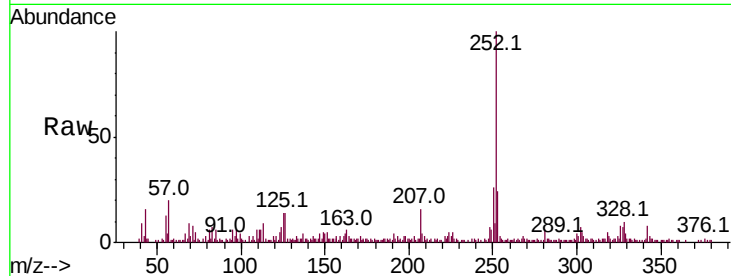
#88
Benzo(k)fluoranthene
Concen: 3.111 ng m
RT: 15.24 min Scan# 2193
Delta R.T. -0.04 min
Lab File: BF107758.D
Acq: 27 Jul 2018 20:49

Instrument :
BNA_F
ClientSampleId :
GW-03(8-10)

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.9	26.9
125	14.4	10.2	15.2

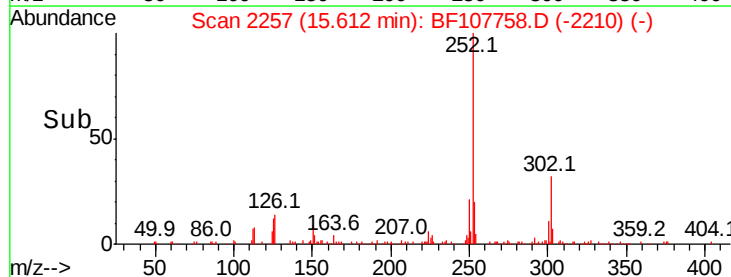
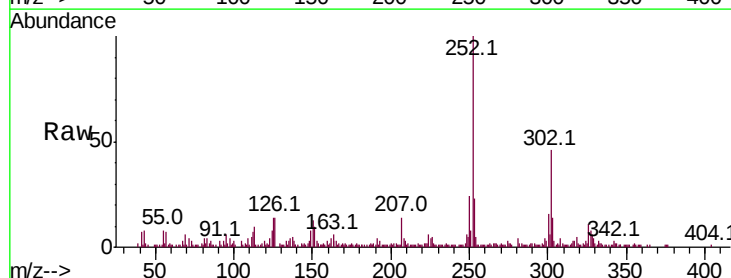
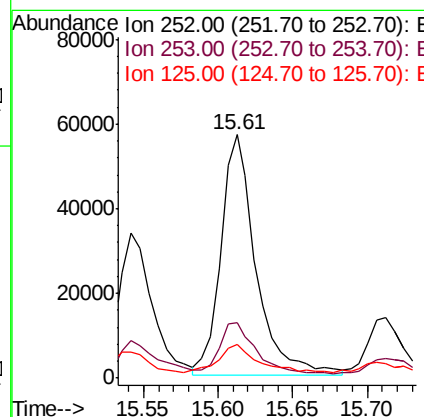
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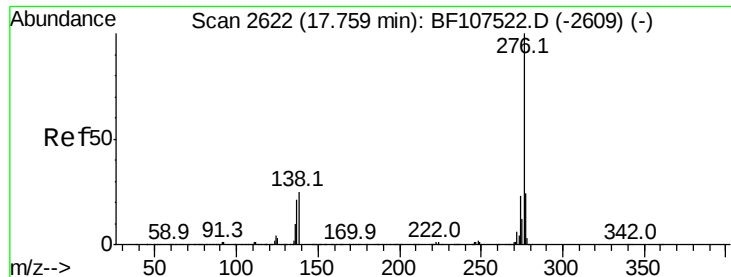
Sohil
7/30/2018 2:03:04 PM



#89
Benzo(a)pyrene
Concen: 4.677 ng
RT: 15.61 min Scan# 2257
Delta R.T. -0.02 min
Lab File: BF107758.D
Acq: 27 Jul 2018 20:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	13.8	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 2.022 ng
 RT: 17.73 min Scan# 2617
 Delta R.T. -0.03 min
 Lab File: BF107758.D
 Acq: 27 Jul 2018 20:49

Instrument :
 BNA_F
 ClientSampleId :
 GW-03(8-10)

Tot Ion:	276	Resp:	34609
Ion Ratio	Lower	Upper	
276	100		
277	22.5	17.9	26.9
138	20.8	21.8	32.8#

Manual Integrations
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