

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071718\
 Data File : BF107462.D
 Acq On : 17 Jul 2018 21:01
 Operator : JU/SJ
 Sample : J3906-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CB-7-8-6-ST-WW-1@3

Manual Integrations
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Sohil
 7/18/2018 10:44:18 AM

Quant Time: Jul 18 10:34:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 17 11:29:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	126102	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	465131	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	229444	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	419301	20.00	ng	0.00
75) Chrysene-d12	14.17	240	378349	20.00	ng	0.00
86) Perylene-d12	15.71	264	234200	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	911629	109.79	ng	0.01
7) Phenol-d6	6.62	99	1190910	110.94	ng	0.01
23) Nitrobenzene-d5	7.55	82	866853	99.38	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	228808	113.50	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1290999	95.10	ng	0.00
78) Terphenyl-d14	13.11	244	1265125	83.08	ng	0.00
Target Compounds						
10) Phenol	6.62	94	32226	2.800	ng	# 57
31) Naphthalene	8.29	128	68332	3.024	ng	# 92
49) Dimethylphthalate	9.73	163	276451	15.165	ng	99
51) Acenaphthene	10.06	154	29773	2.054	ng	99
57) Fluorene	10.58	166	39915	2.691	ng	86
70) Phenanthrene	11.55	178	369740	17.694	ng	97
71) Anthracene	11.60	178	98129	4.715	ng	99
72) Carbazole	11.75	167	45257	2.297	ng	92
74) Fluoranthene	12.74	202	389128	16.384	ng	94
77) Pyrene	12.97	202	308803	12.002	ng	99
80) Benzo(a)anthracene	14.16	228	159272	6.880	ng	96
82) Chrysene	14.19	228	124951m	5.650	ng	
87) Benzo(b)fluoranthene	15.25	252	97828m	7.137	ng	
88) Benzo(k)fluoranthene	15.27	252	37290m	2.787	ng	
89) Benzo(a)pyrene	15.64	252	66783	5.308	ng	99
91) Benzo(g,h,i)perylene	17.75	276	23207	2.405	ng	# 78

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

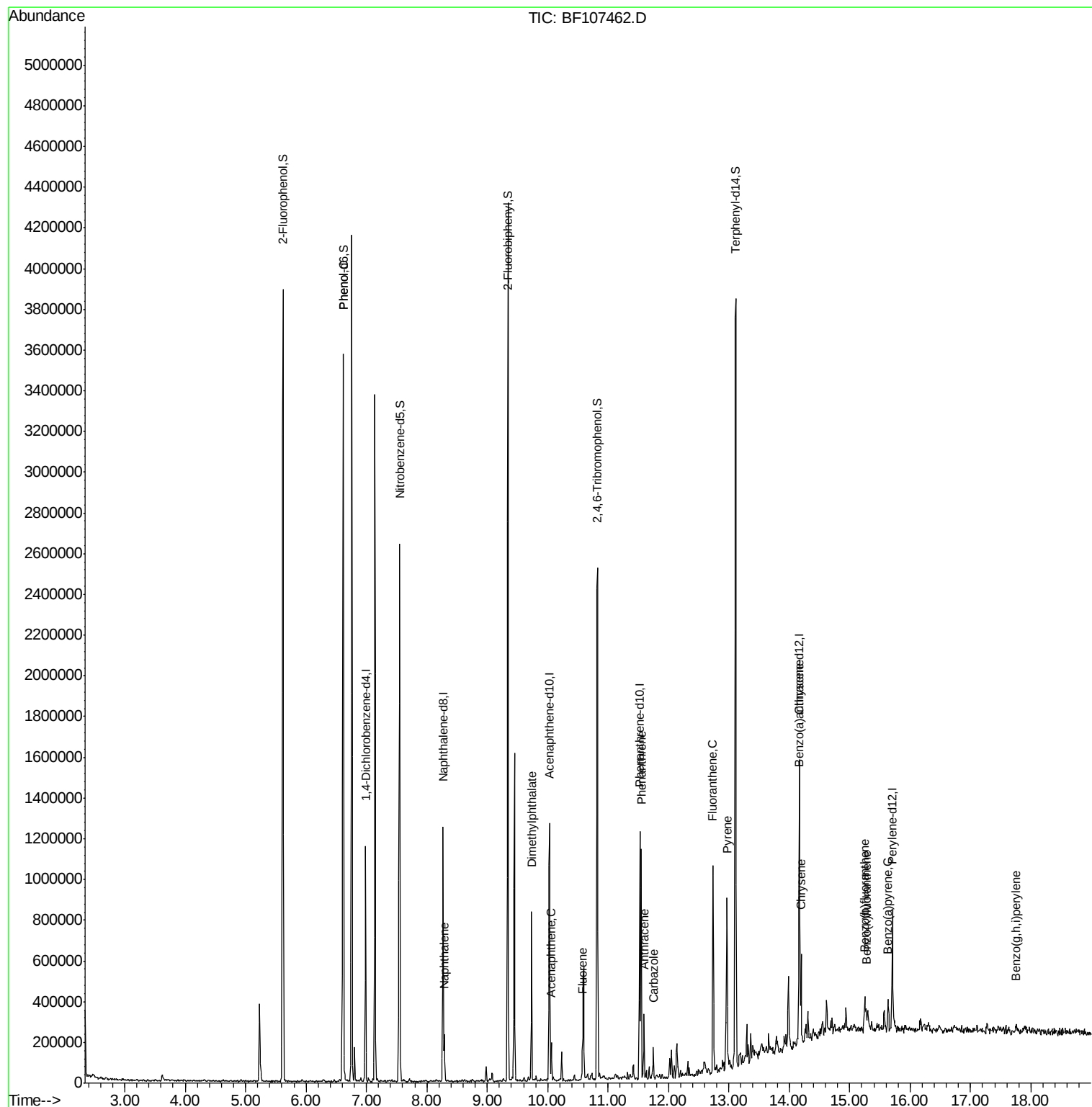
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071718\
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ALS Vial : 27 Sample Multiplier: 1

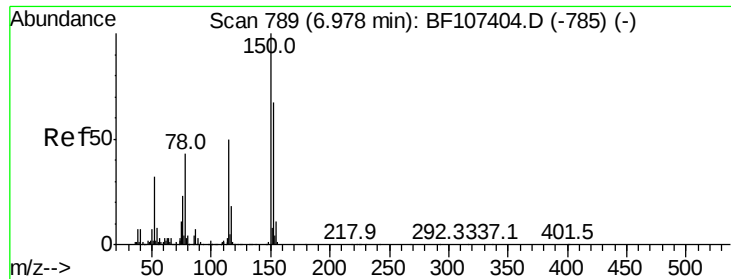
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#1

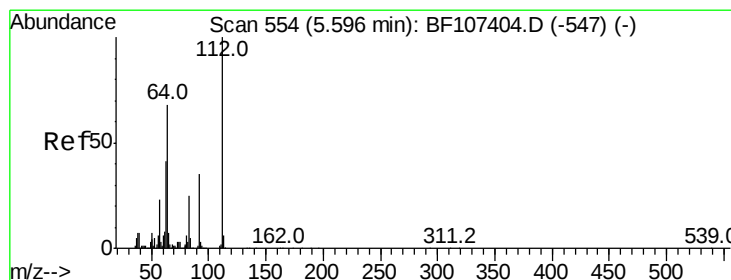
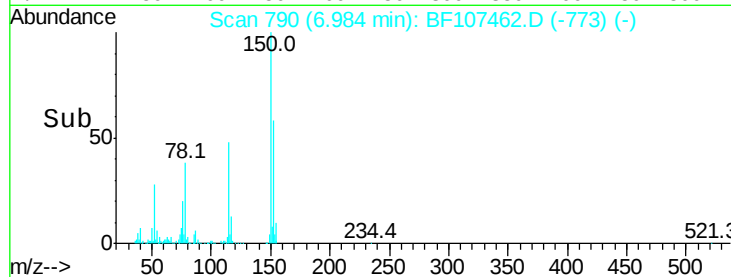
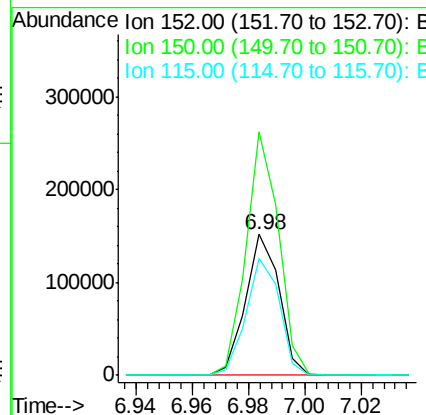
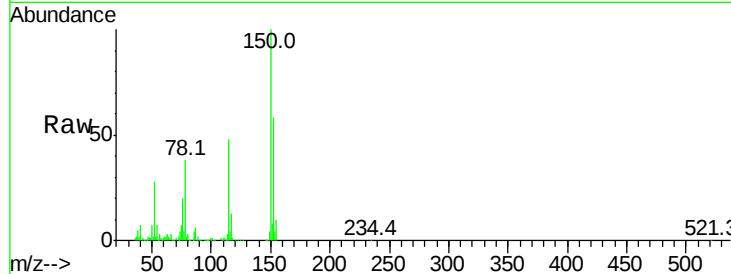
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF107462.D
Acq: 17 Jul 2018 21:01

Instrument :
BNA_F
ClientSampleId :
CB-7-8-6-ST-WW-1@3

Tot Ion	Ratio	Lower	Upper
152	100		
150	172.8	124.6	186.8
115	83.3	50.1	75.1#

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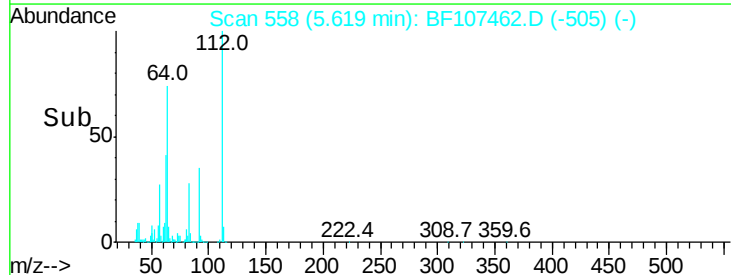
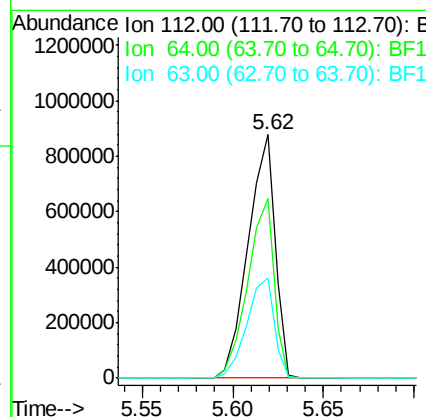
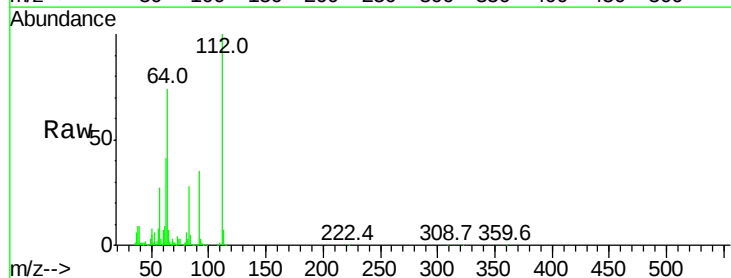
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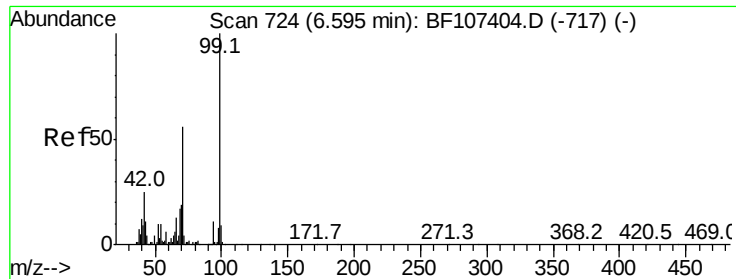


#5

2-Fluorophenol
Concen: 109.794 ng
RT: 5.62 min Scan# 558
Delta R.T. 0.01 min
Lab File: BF107462.D
Acq: 17 Jul 2018 21:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.7	47.9	71.9#
63	41.0	23.7	35.5#





#7

Phenol-d6

Concen: 110.938 ng

RT: 6.62 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF107462.D

Acq: 17 Jul 2018 21:01

Instrument :

BNA_F

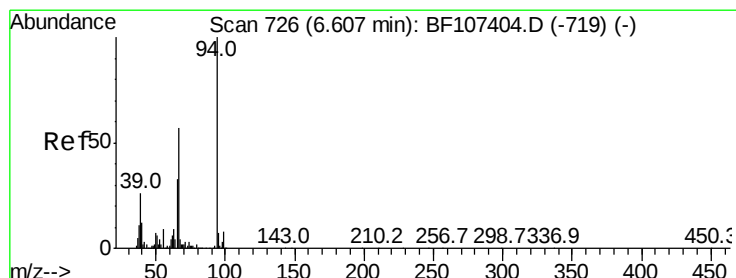
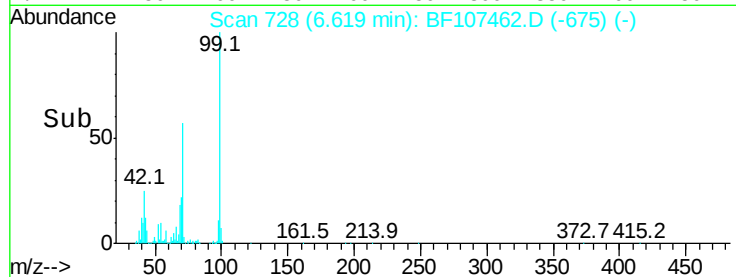
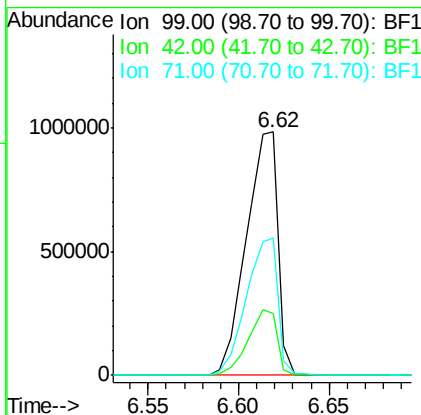
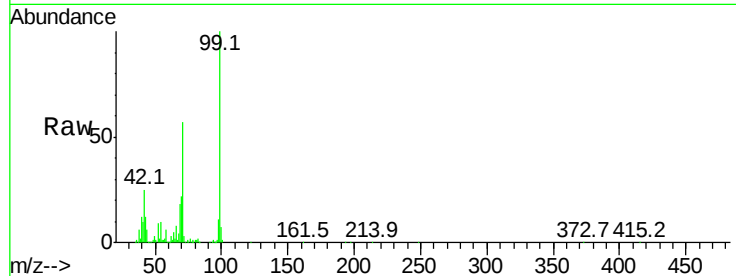
ClientSampleId :

CB-7-8-6-ST-WW-1@3

Tot Ion:	99	Resp:	1190910
Ion	Ratio	Lower	Upper
99	100		
42	25.3	14.5	21.7#
71	56.5	25.4	38.0#

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#10

Phenol

Concen: 2.800 ng

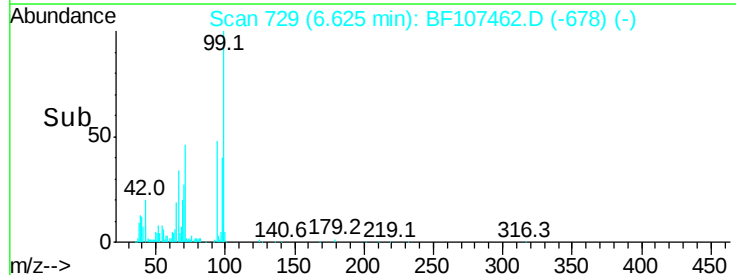
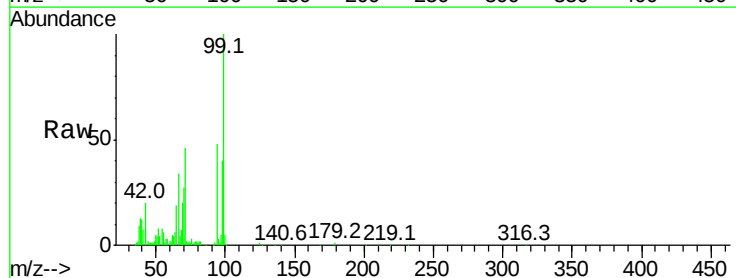
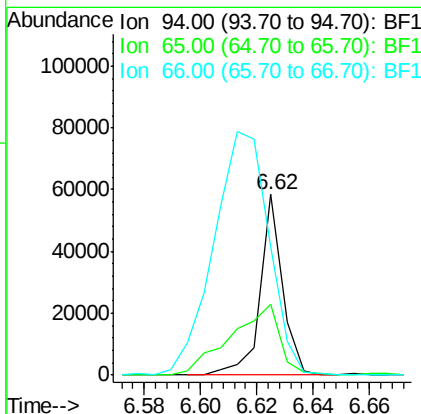
RT: 6.62 min Scan# 729

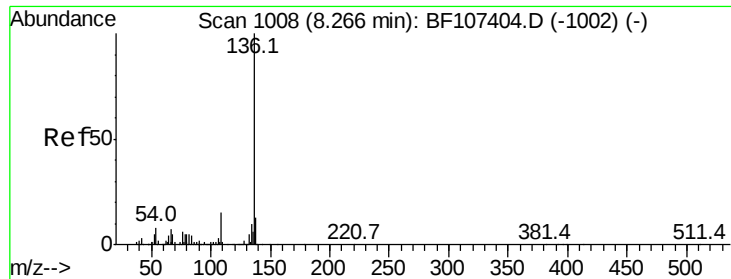
Delta R.T. 0.00 min

Lab File: BF107462.D

Acq: 17 Jul 2018 21:01

Tgt Ion:	94	Resp:	32226
Ion	Ratio	Lower	Upper
94	100		
65	38.9	7.9	47.9
66	71.4	16.2	56.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF107462.D

Acq: 17 Jul 2018 21:01

Instrument :

BNA_F

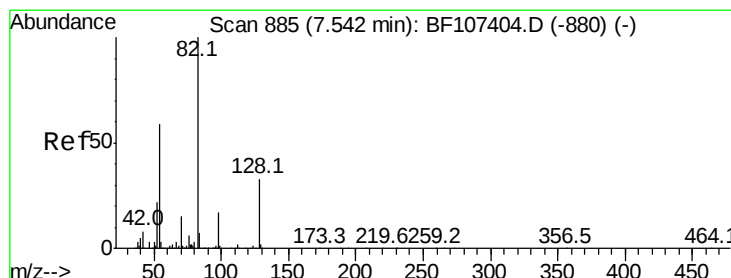
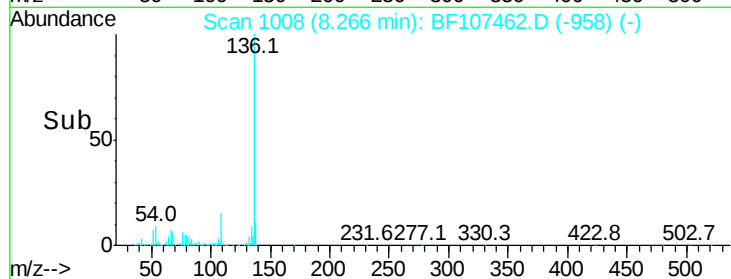
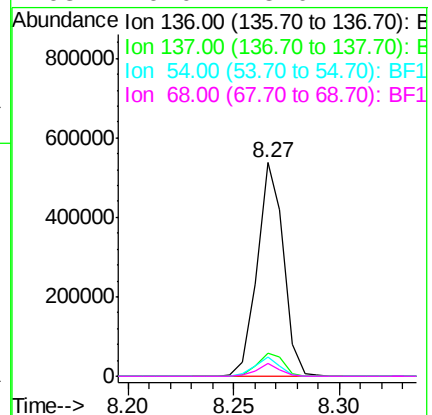
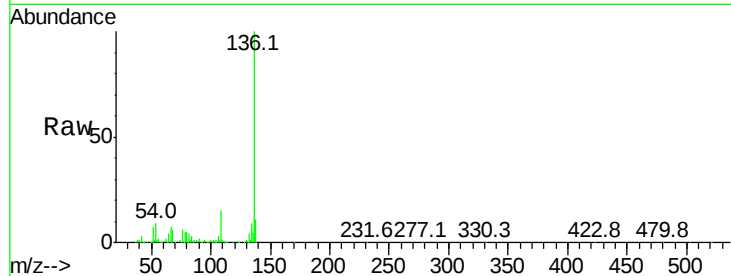
ClientSampleId :

CB-7-8-6-ST-WW-1@3

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.9	13.3	
54	8.8	6.6	9.8	
68	6.0	5.0	7.4	

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#23

Nitrobenzene-d5

Concen: 99.379 ng

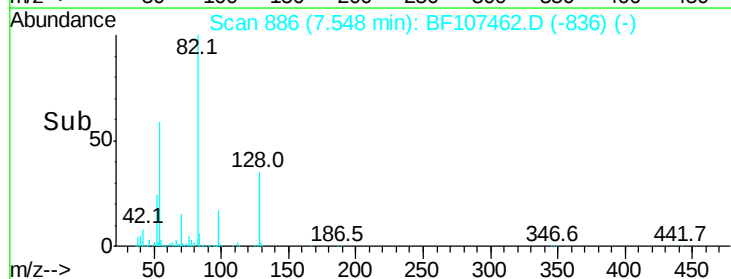
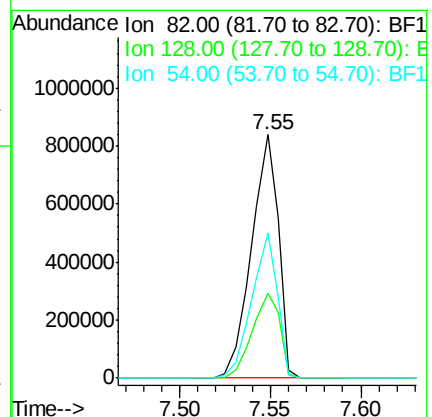
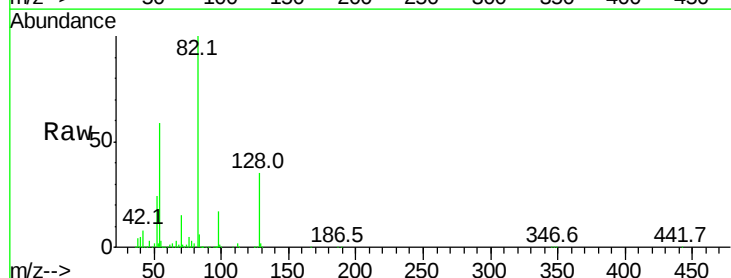
RT: 7.55 min Scan# 886

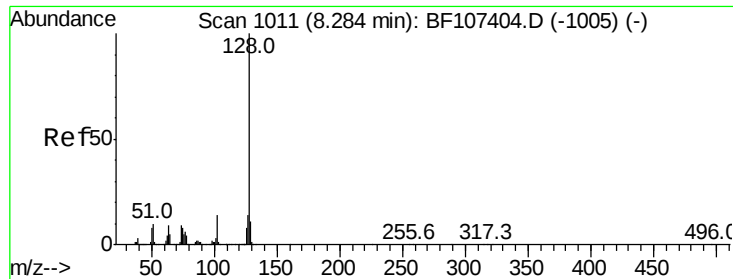
Delta R.T. -0.01 min

Lab File: BF107462.D

Acq: 17 Jul 2018 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	34.7	36.1	54.1#	
54	59.4	41.4	62.2	





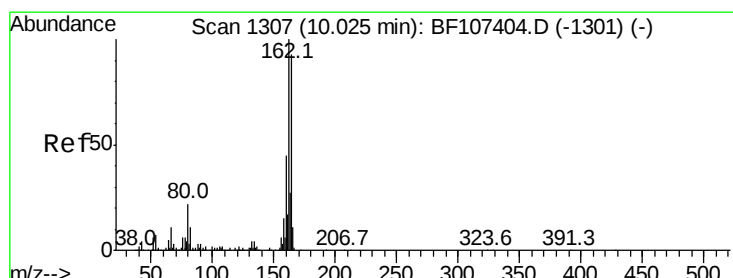
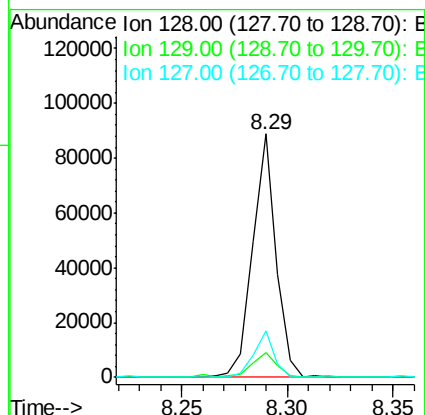
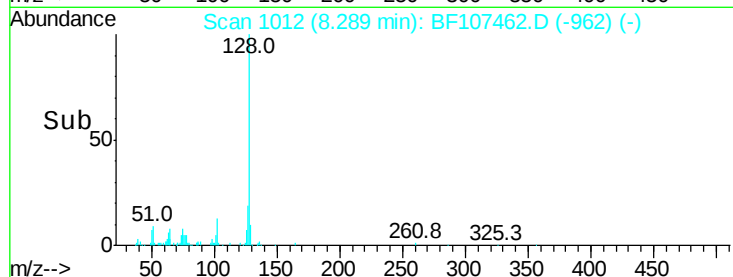
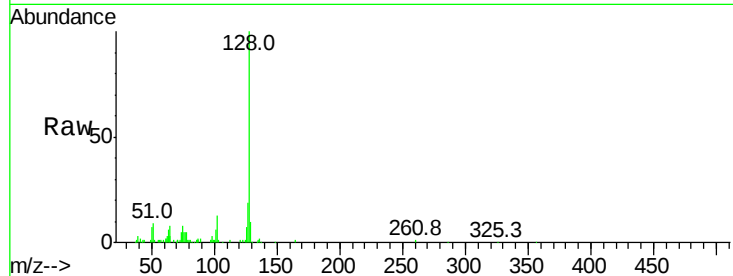
#31
Naphthalene
Concen: 3.024 ng
RT: 8.29 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF107462.D
Acq: 17 Jul 2018 21:01

Instrument :
BNA_F
ClientSampleId :
CB-7-8-6-ST-WW-1@3

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.2	8.8	13.2
127	18.9	10.9	16.3#

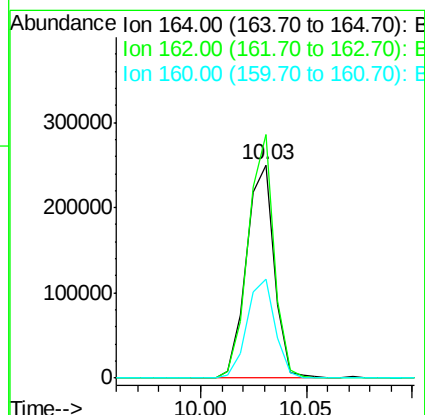
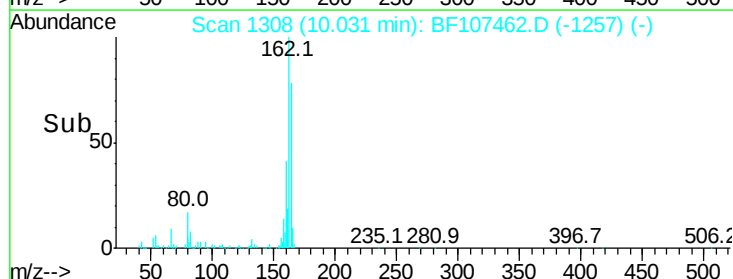
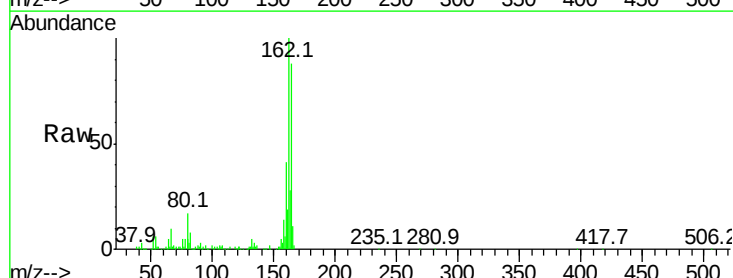
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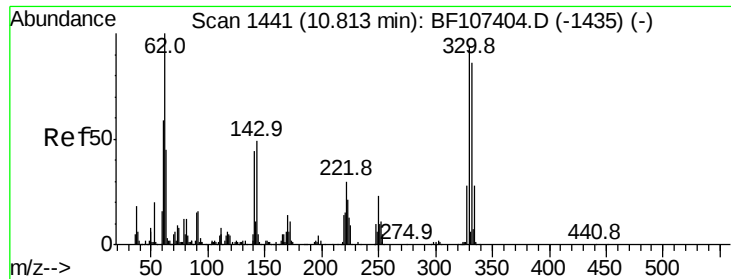
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.03 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BF107462.D
Acq: 17 Jul 2018 21:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	114.1	86.1	129.1
160	46.4	38.3	57.5





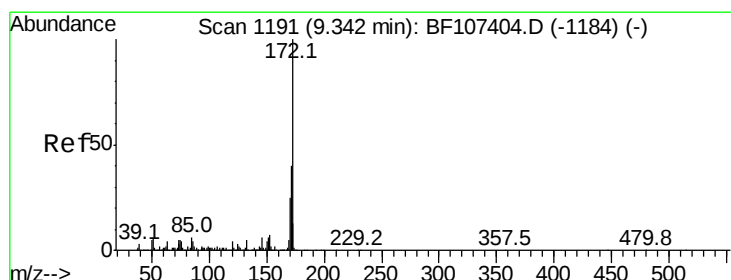
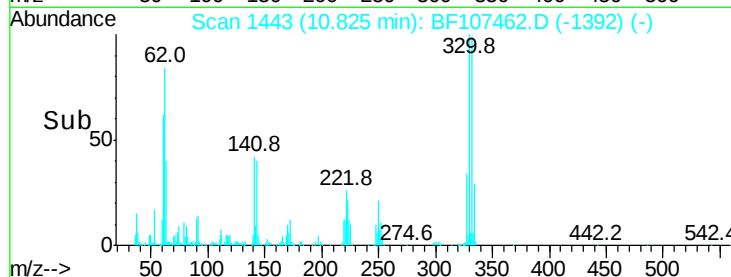
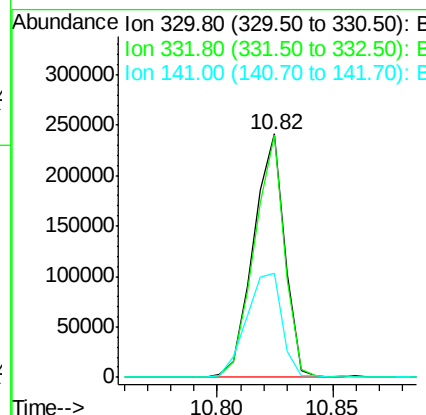
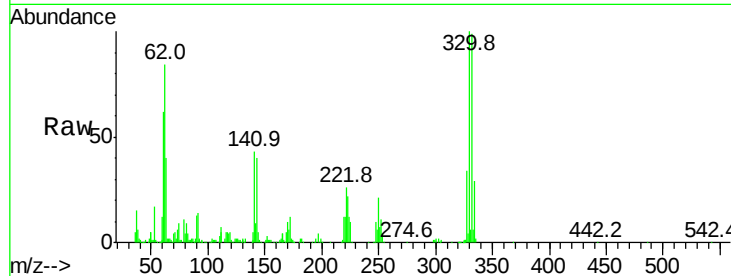
#41
 2,4,6-Tribromophenol
 Concen: 113.500 ng
 RT: 10.82 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: BF107462.D
 Acq: 17 Jul 2018 21:01

Instrument :
 BNA_F
 ClientSampleId :
 CB-7-8-6-ST-WW-1@3

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	48.6	29.9	44.9

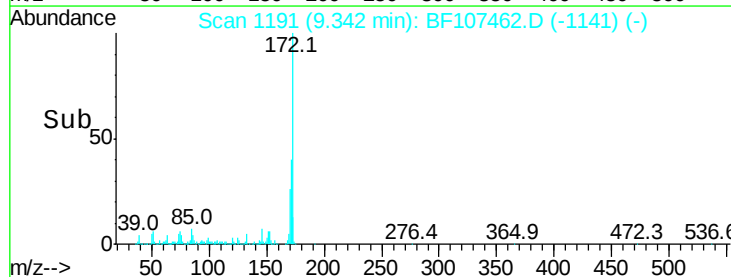
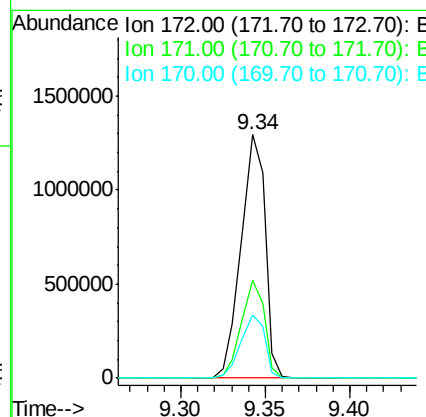
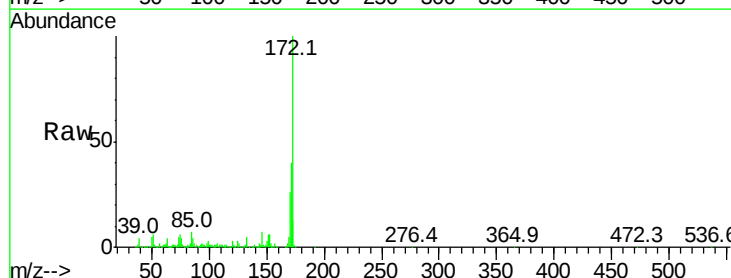
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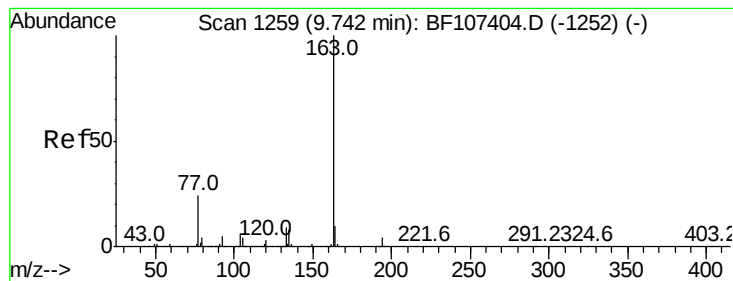
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#44
 2-Fluorobiphenyl
 Concen: 95.104 ng
 RT: 9.34 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF107462.D
 Acq: 17 Jul 2018 21:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.0	29.7	44.5
170	25.8	19.6	29.4





#49

Dimethylphthalate

Concen: 15.165 ng

RT: 9.73 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF107462.D

Acq: 17 Jul 2018 21:01

Instrument :

BNA_F

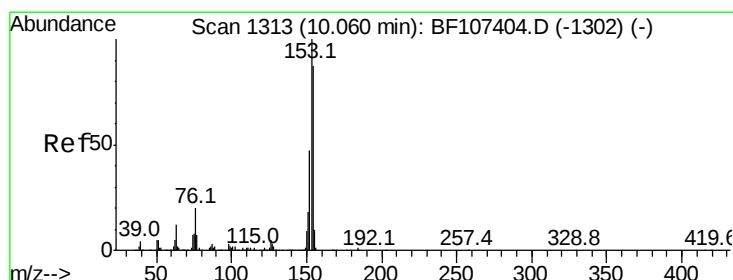
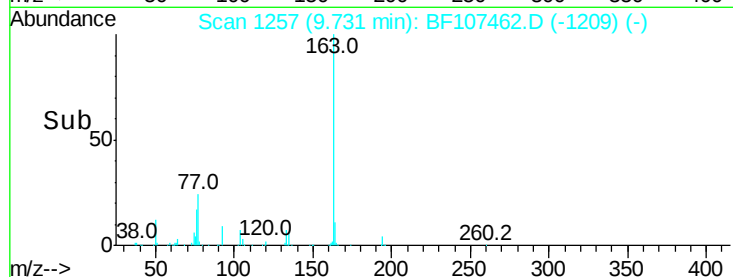
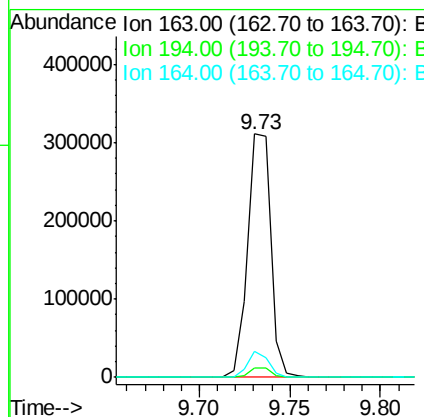
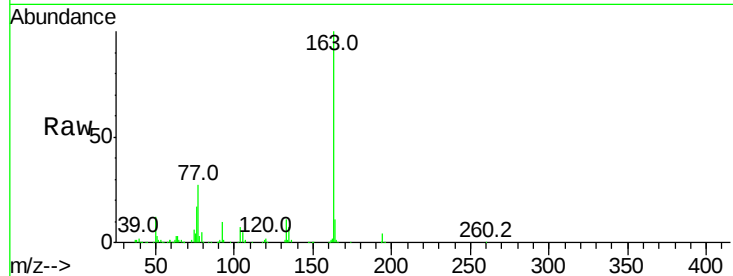
ClientSampleId :

CB-7-8-6-ST-WW-1@3

Tot Ion:	163	Resp:	276451
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.7	4.1
164	10.5	8.2	12.2

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#51

Acenaphthene

Concen: 2.054 ng

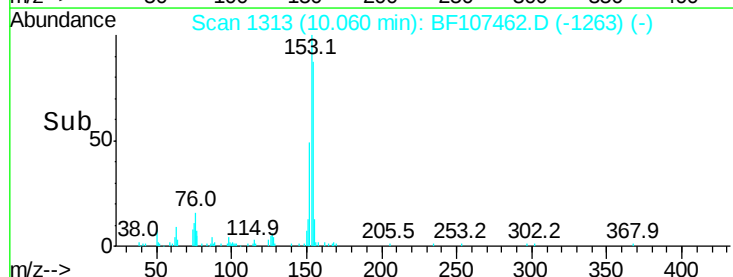
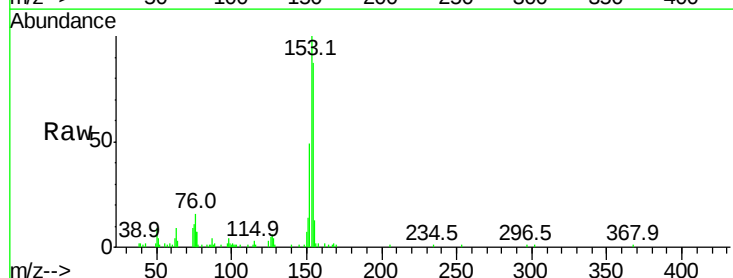
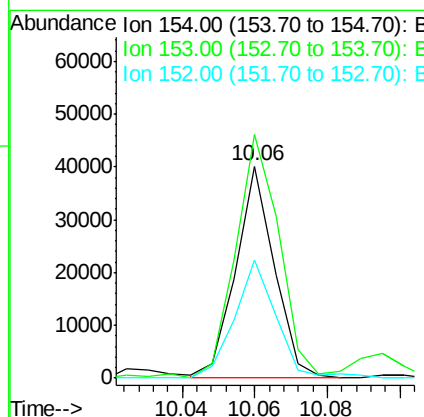
RT: 10.06 min Scan# 1313

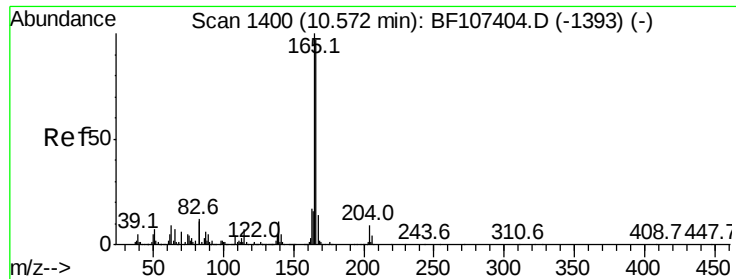
Delta R.T. -0.01 min

Lab File: BF107462.D

Acq: 17 Jul 2018 21:01

Tgt Ion:	154	Resp:	29773
Ion Ratio	Lower	Upper	
154	100		
153	114.8	91.2	136.8
152	55.9	43.8	65.8





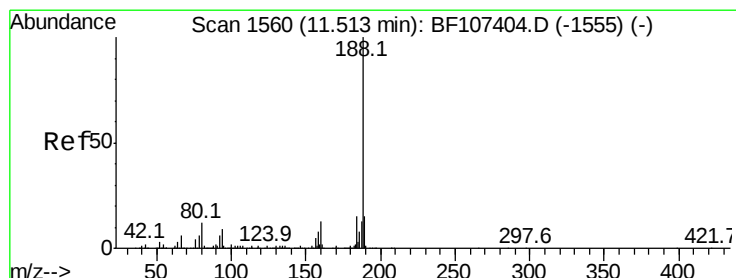
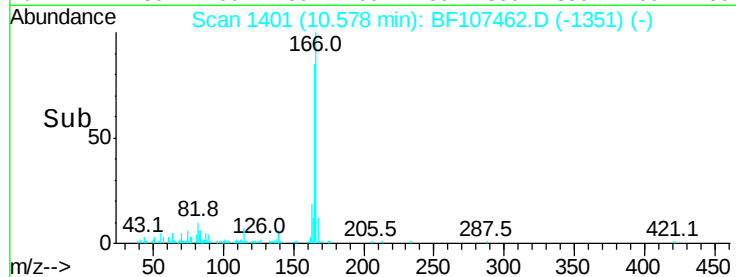
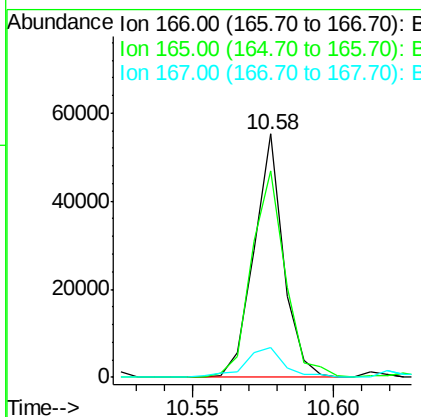
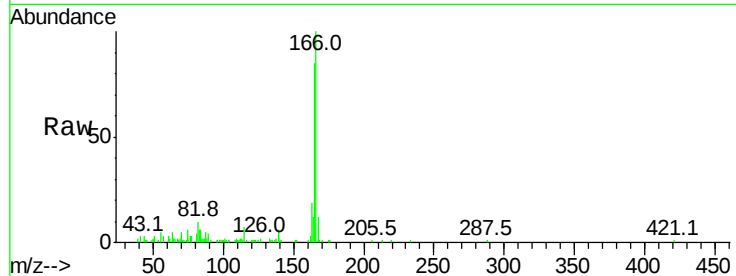
#57
Fluorene
 Concen: 2.691 ng
 RT: 10.58 min Scan# 1401
 Delta R.T. -0.01 min
 Lab File: BF107462.D
 Acq: 17 Jul 2018 21:01

Instrument :
 BNA_F
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 CB-7-8-6-ST-WW-1@3

Tot Ion	Ratio	Lower	Upper
166	100		
165	84.8	79.8	119.8
167	12.3	10.6	16.0

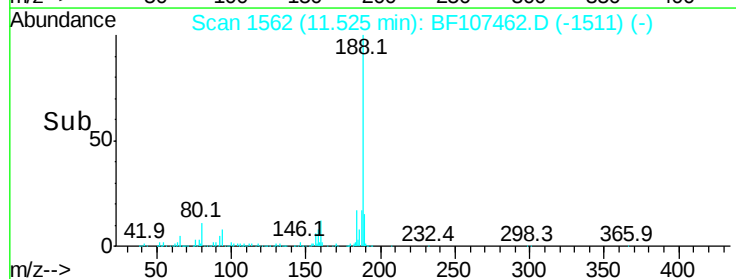
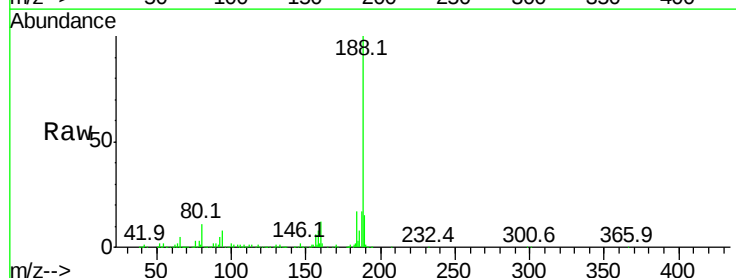
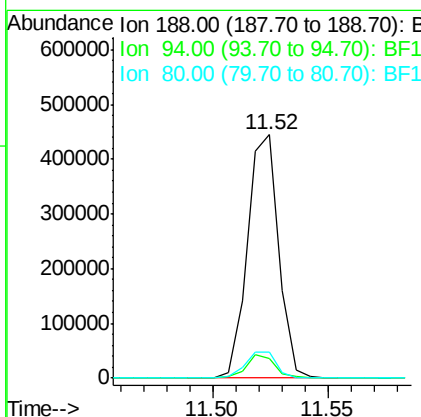
Manual Integrations
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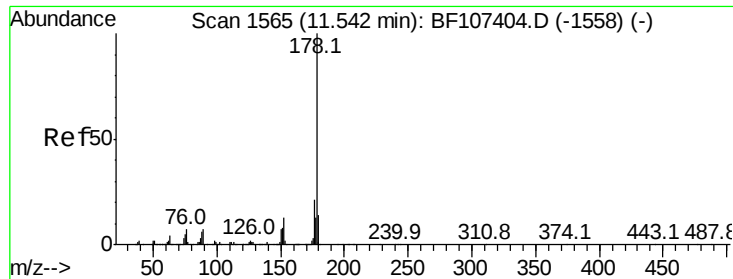
Sohil
 7/18/2018 10:44:18 AM



#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. 0.00 min
 Lab File: BF107462.D
 Acq: 17 Jul 2018 21:01

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	8.5	12.7#
80	10.7	9.2	13.8





#70

Phenanthrene

Concen: 17.694 ng

RT: 11.55 min Scan# 1566

Delta R.T. 0.00 min

Lab File: BF107462.D

Acq: 17 Jul 2018 21:01

Instrument :

BNA_F

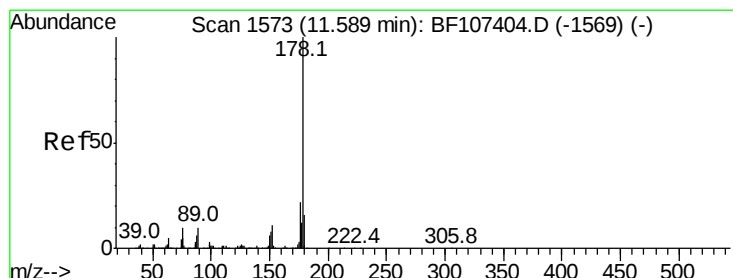
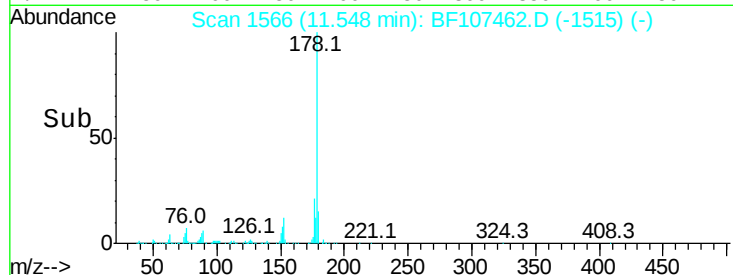
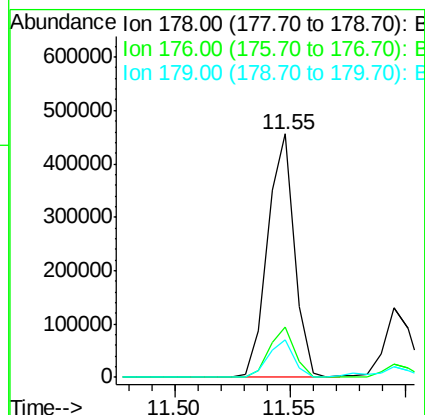
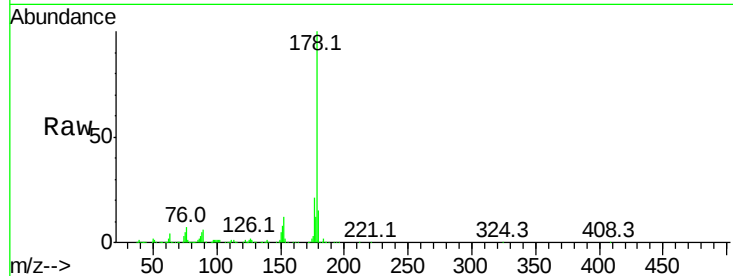
ClientSampleId :

CB-7-8-6-ST-WW-1@3

Tot Ion:	178	Resp:	369740
Ion Ratio	Lower	Upper	
178	100		
176	20.9	15.8	23.8
179	15.2	13.0	19.6

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#71

Anthracene

Concen: 4.715 ng

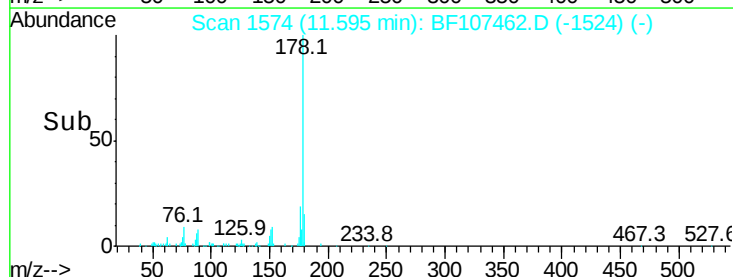
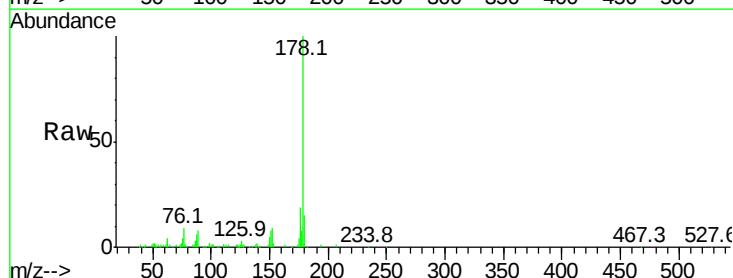
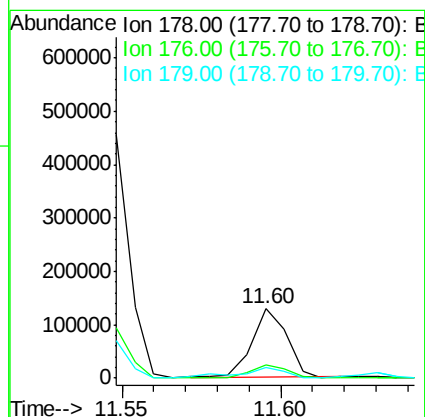
RT: 11.60 min Scan# 1574

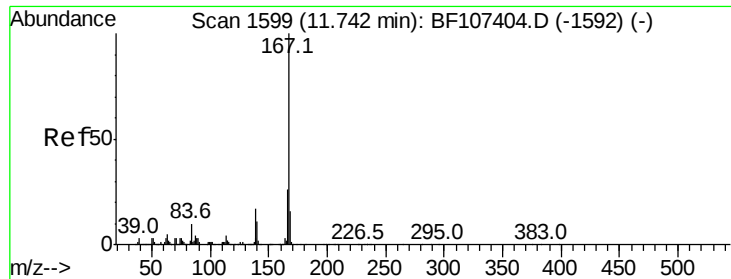
Delta R.T. -0.01 min

Lab File: BF107462.D

Acq: 17 Jul 2018 21:01

Tgt Ion:	178	Resp:	98129
Ion Ratio	Lower	Upper	
178	100		
176	19.5	15.4	23.2
179	15.2	12.6	19.0





#72

Carbazole

Concen: 2.297 ng

RT: 11.75 min Scan# 1600

Delta R.T. -0.01 min

Lab File: BF107462.D

Acq: 17 Jul 2018 21:01

Instrument :

BNA_F

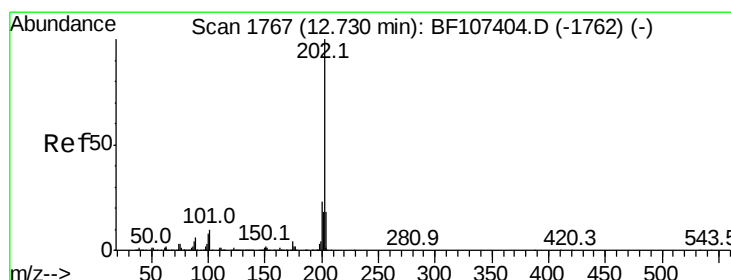
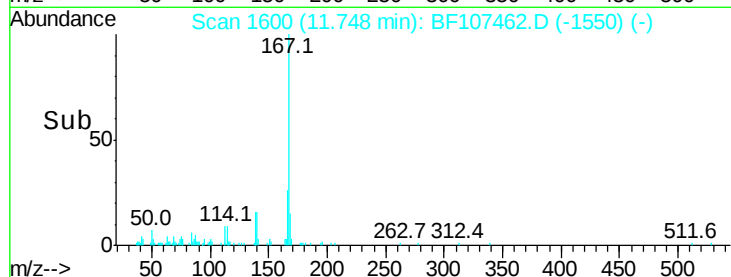
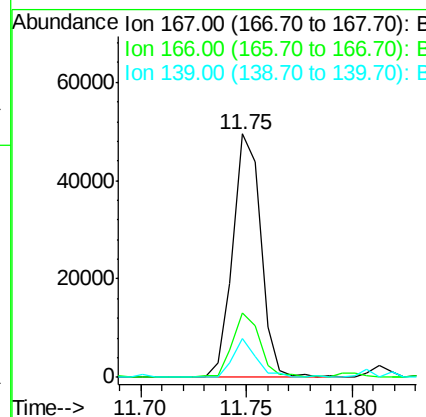
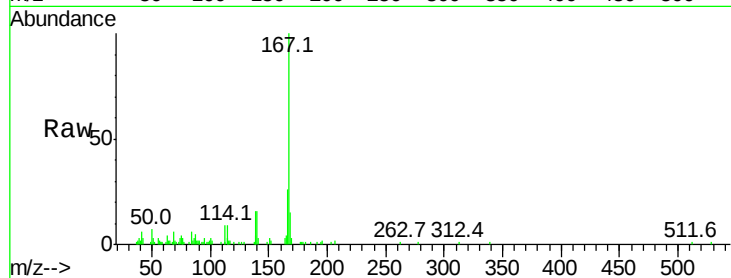
ClientSampleId :

CB-7-8-6-ST-WW-1@3

Tot Ion:	167	Resp:	45257
Ion Ratio	Lower	Upper	
167	100		
166	26.3	17.6	26.4
139	16.2	10.9	16.3

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#74

Fluoranthene

Concen: 16.384 ng

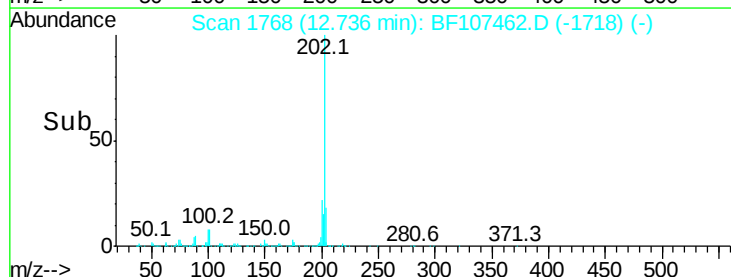
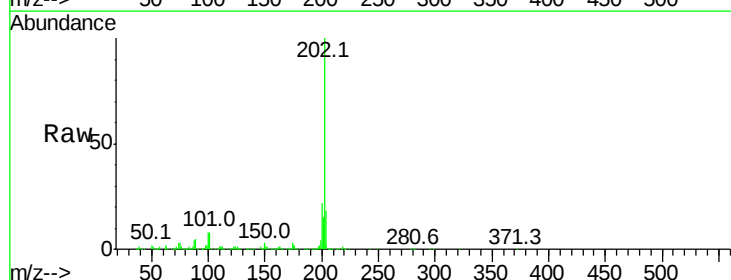
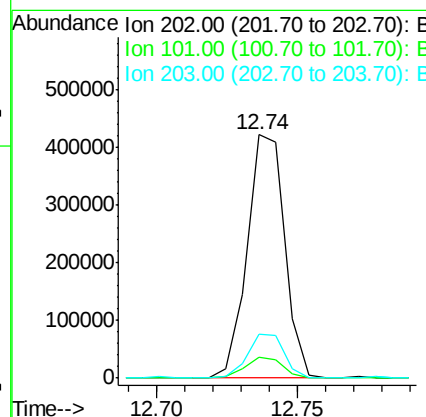
RT: 12.74 min Scan# 1768

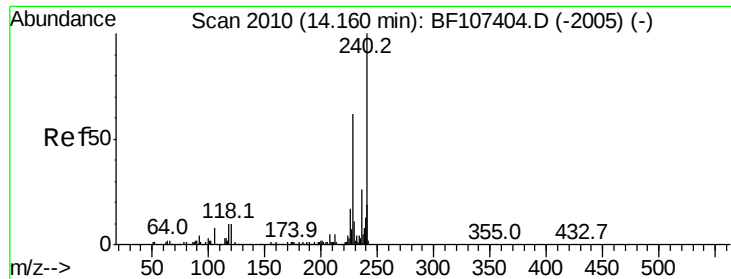
Delta R.T. -0.01 min

Lab File: BF107462.D

Acq: 17 Jul 2018 21:01

Tgt Ion:	202	Resp:	389128
Ion Ratio	Lower	Upper	
202	100		
101	8.5	0.0	34.1
203	18.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BF107462.D

Acq: 17 Jul 2018 21:01

Instrument :

BNA_F

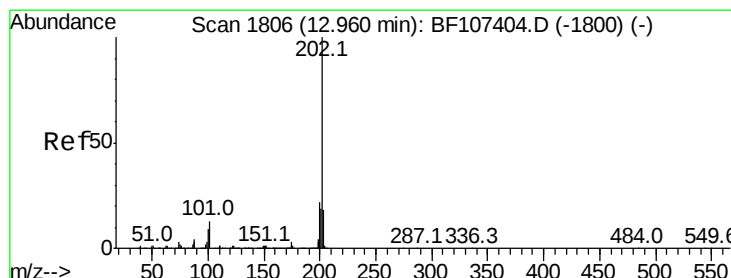
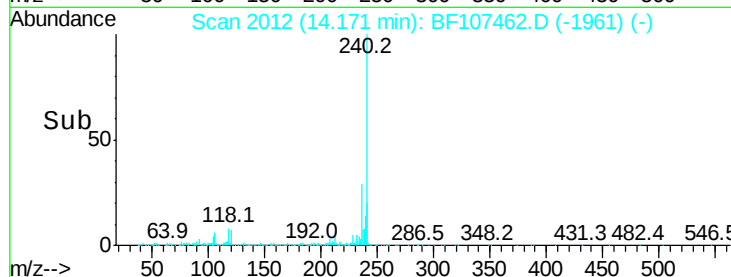
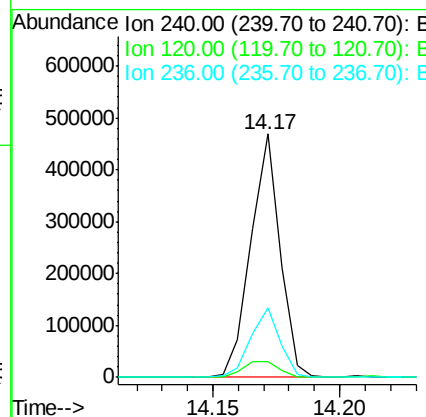
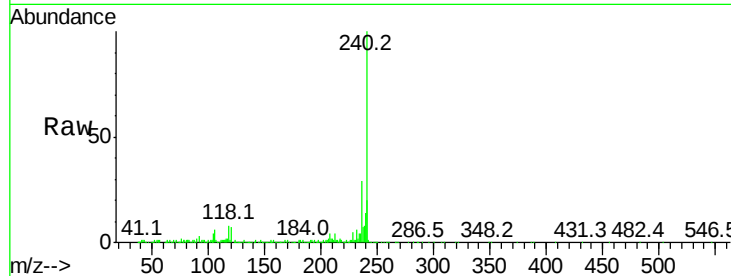
ClientSampleId :

CB-7-8-6-ST-WW-1@3

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.5	9.5	14.3#
236	28.5	20.7	31.1

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#77

Pyrene

Concen: 12.002 ng

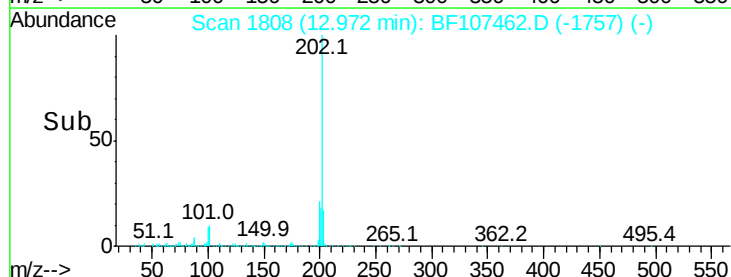
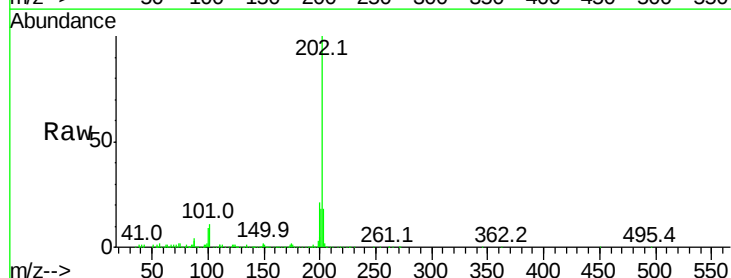
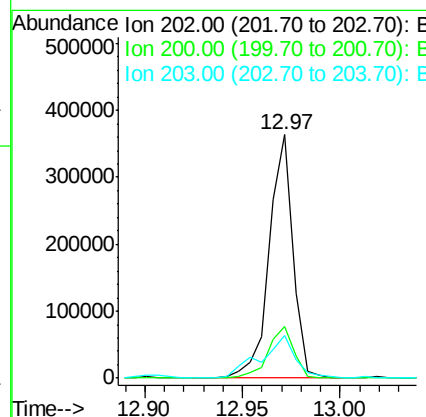
RT: 12.97 min Scan# 1808

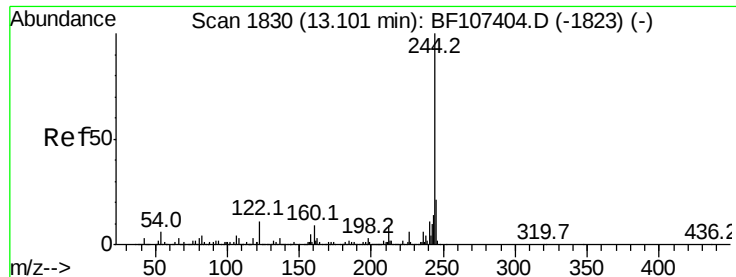
Delta R.T. 0.00 min

Lab File: BF107462.D

Acq: 17 Jul 2018 21:01

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.7	14.3	21.5





#78

Terphenyl-d14

Concen: 83.079 ng

RT: 13.11 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF107462.D

Acq: 17 Jul 2018 21:01

Instrument :

BNA_F

ClientSampleId :

CB-7-8-6-ST-WW-1@3

Tot Ion:244 Resp: 1265125

Ion Ratio Lower Upper

244 100

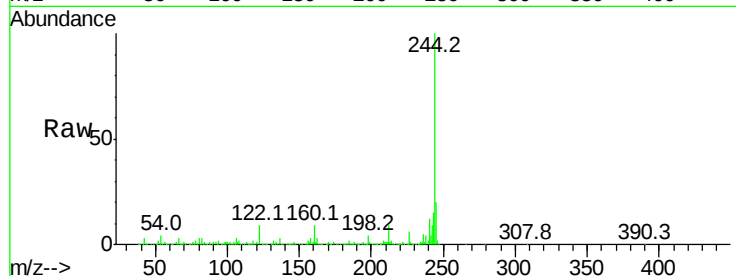
212 8.9 5.4 8.0#

122 8.5 11.0 16.4#

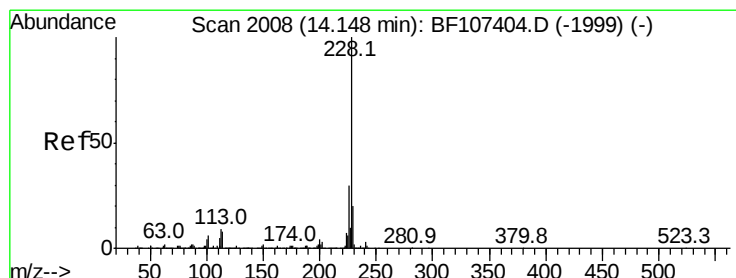
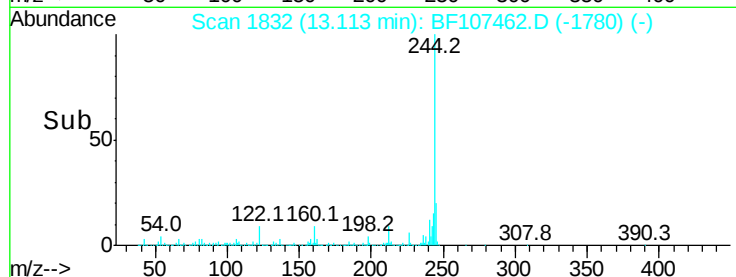
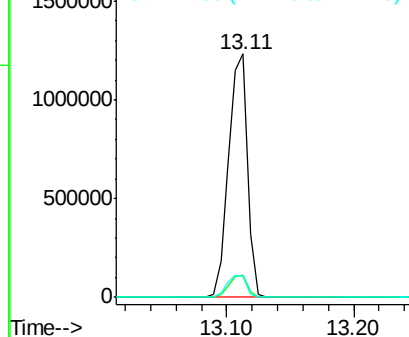
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 6.880 ng

RT: 14.16 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF107462.D

Acq: 17 Jul 2018 21:01

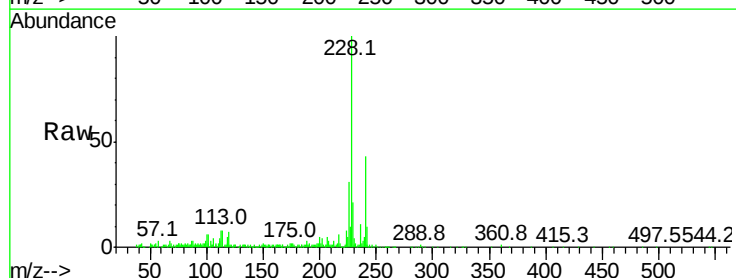
Tgt Ion:228 Resp: 159272

Ion Ratio Lower Upper

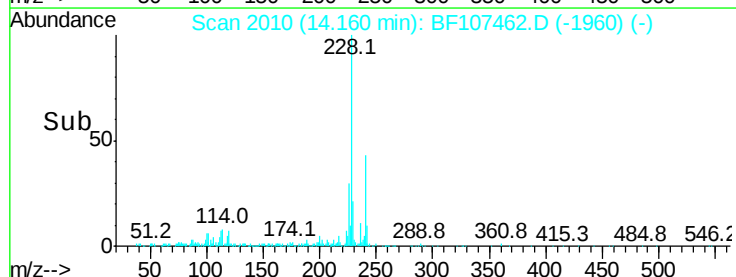
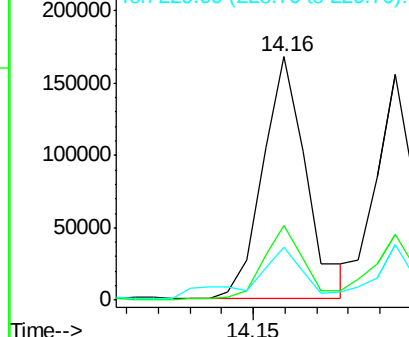
228 100

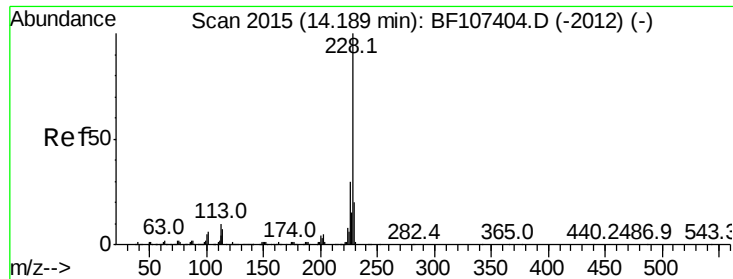
226 30.6 22.6 33.8

229 21.5 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





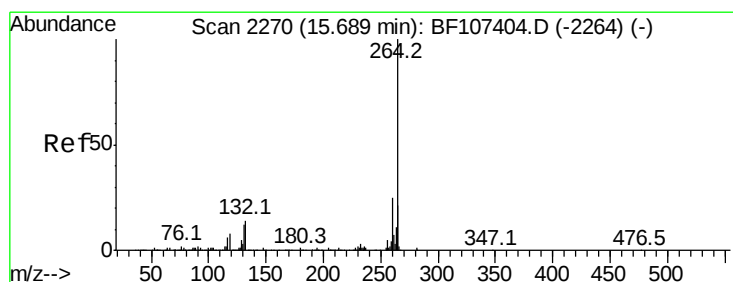
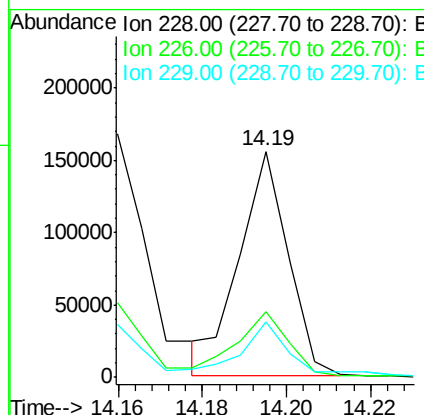
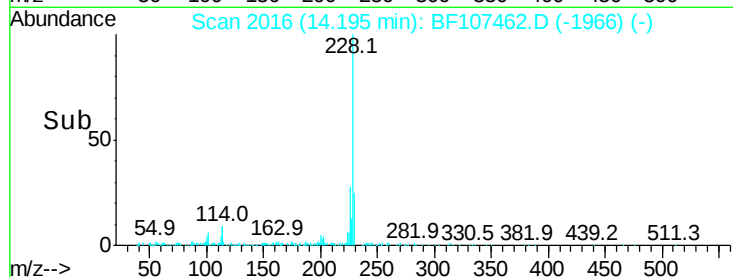
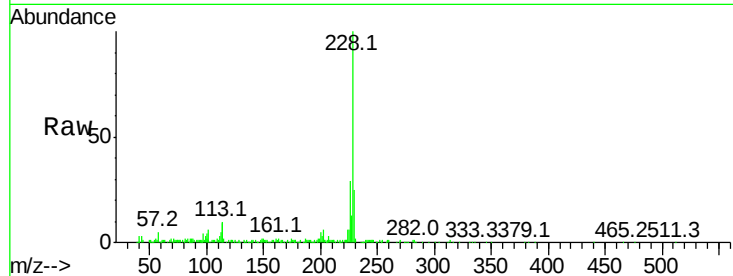
#82
Chrysene
Concen: 5.650 ng/ml
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF107462.D
Acq: 17 Jul 2018 21:01

Instrument :
BNA_F
ClientSampleId :
CB-7-8-6-ST-WW-1@3

Tot Ion:	228	Resp:	124951
Ion Ratio	Lower	Upper	
228	100		
226	29.0	25.0	37.6
229	24.8	16.2	24.4

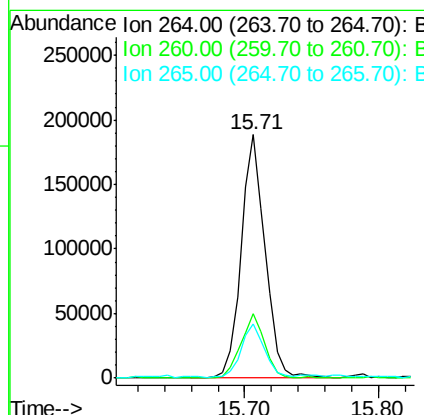
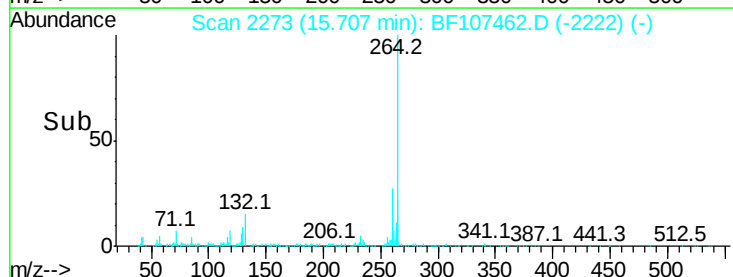
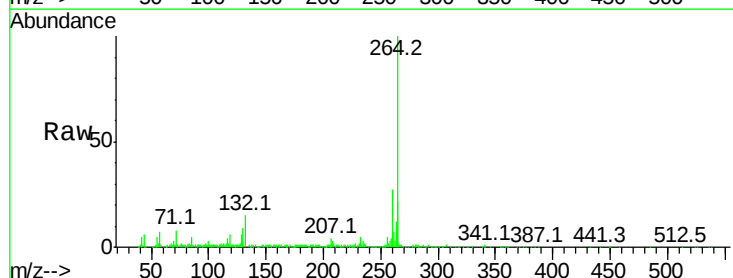
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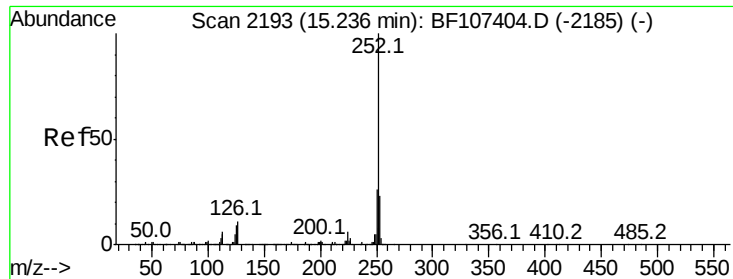
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF107462.D
Acq: 17 Jul 2018 21:01

Tgt Ion:	264	Resp:	234200
Ion Ratio	Lower	Upper	
264	100		
260	26.7	19.2	28.8
265	22.4	17.5	26.3





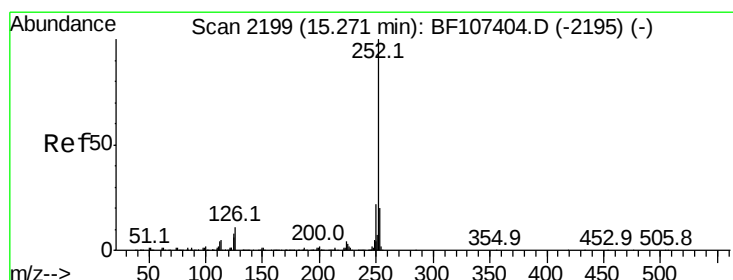
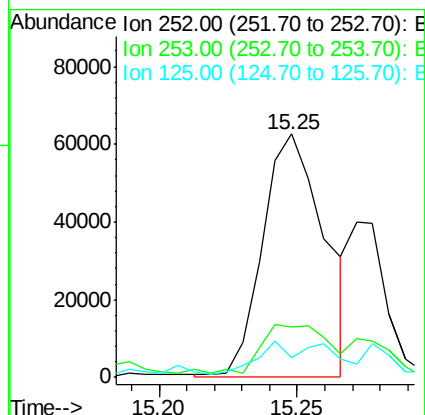
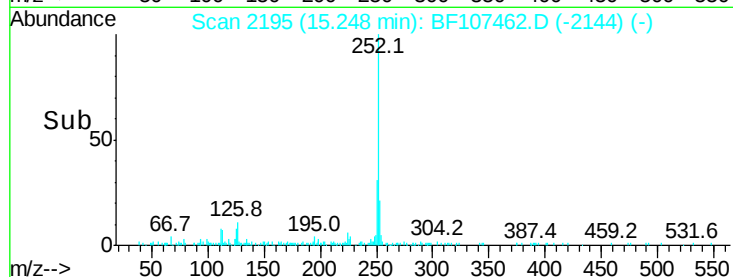
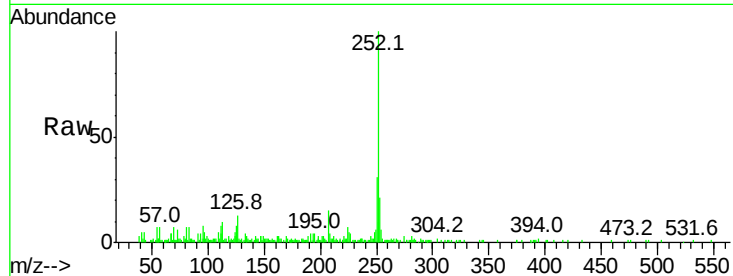
#87
Benzo(b)fluoranthene
Concen: 7.137 ng m
RT: 15.25 min Scan# 2195
Delta R.T. 0.00 min
Lab File: BF107462.D
Acq: 17 Jul 2018 21:01

Instrument :
BNA_F
ClientSampleId :
CB-7-8-6-ST-WW-1@3

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.0	25.6
125	8.2	9.0	13.6#

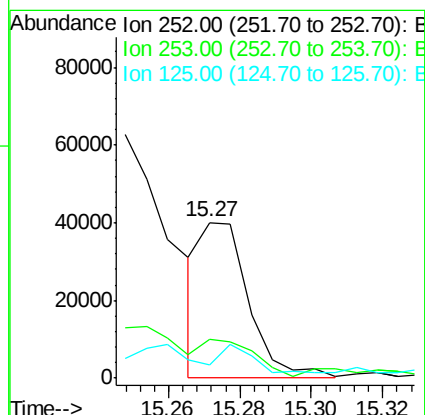
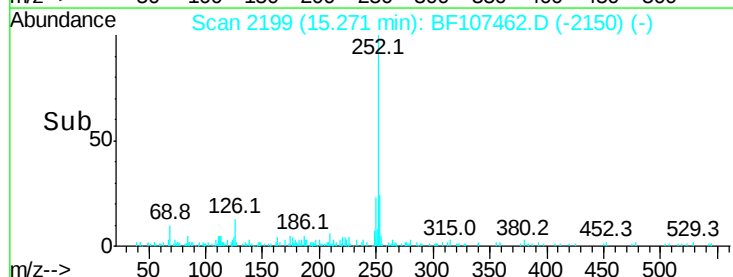
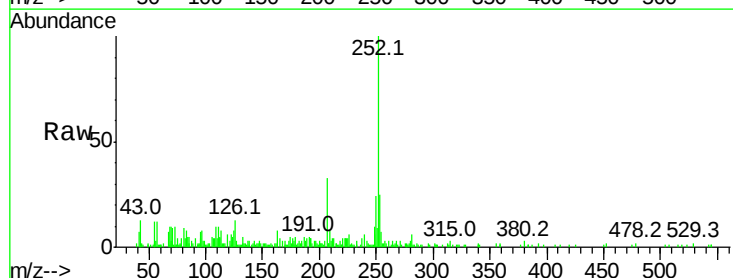
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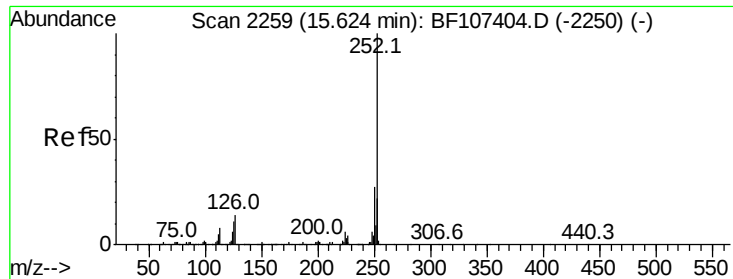
Sohil
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#88
Benzo(k)fluoranthene
Concen: 2.787 ng m
RT: 15.27 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF107462.D
Acq: 17 Jul 2018 21:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.9	26.9
125	8.4	10.2	15.2#





#89

Benzo(a)pyrene

Concen: 5.308 ng

RT: 15.64 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BF107462.D

Acq: 17 Jul 2018 21:01

Instrument :

BNA_F

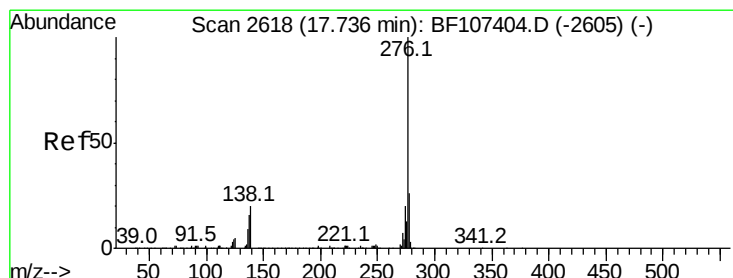
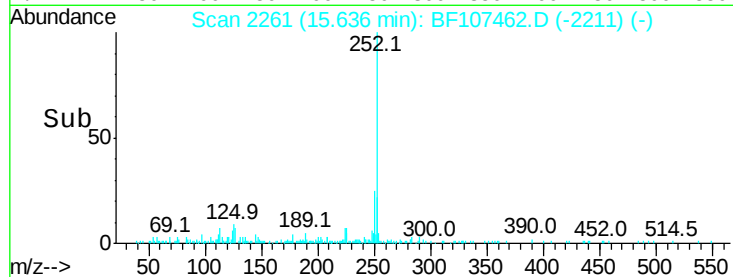
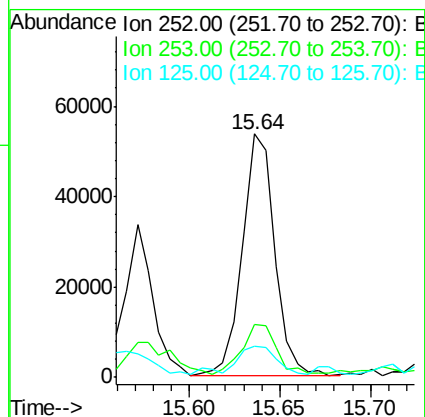
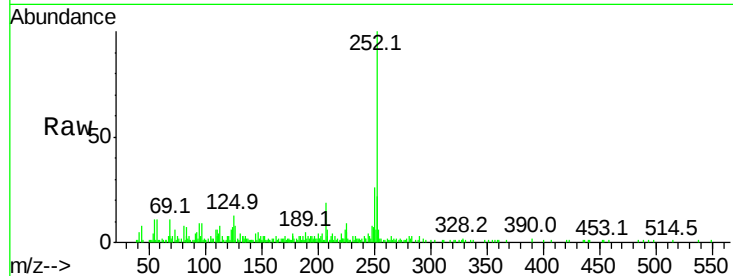
ClientSampleId :

CB-7-8-6-ST-WW-1@3

Tot Ion:	252	Resp:	66783
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.1	25.7
125	12.6	9.8	14.6

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#91

Benzo(g,h,i)perylene

Concen: 2.405 ng

RT: 17.75 min Scan# 2620

Delta R.T. -0.01 min

Lab File: BF107462.D

Acq: 17 Jul 2018 21:01

Tgt Ion:	276	Resp:	23207
Ion Ratio	Lower	Upper	
276	100		
277	17.2	17.9	26.9#
138	11.1	21.8	32.8#

