

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071718\
 Data File : BF107458.D
 Acq On : 17 Jul 2018 19:14
 Operator : JU/SJ
 Sample : J3906-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

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

Manual Integrations
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Sohil
 7/18/2018 10:44:12 AM

Quant Time: Jul 18 01:42:26 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	125858	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	450938	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	218871	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	424671	20.00	ng	0.00
75) Chrysene-d12	14.17	240	404518	20.00	ng	0.00
86) Perylene-d12	15.71	264	228669	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	727409	87.78	ng	0.01
7) Phenol-d6	6.61	99	942322	87.95	ng	0.00
23) Nitrobenzene-d5	7.55	82	666232	78.78	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	183623	95.49	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1052240	79.45	ng	0.00
78) Terphenyl-d14	13.11	244	1089733	66.93	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.74	163	270879	15.577	ng	97
70) Phenanthrene	11.55	178	224521	10.609	ng	99
71) Anthracene	11.60	178	61065	2.897	ng	97
74) Fluoranthene	12.74	202	282699	11.752	ng	94
77) Pyrene	12.97	202	236770	8.607	ng	96
80) Benzo(a)anthracene	14.16	228	131667	5.320	ng	97
82) Chrysene	14.19	228	100954	4.270	ng	93
87) Benzo(b)fluoranthene	15.25	252	87748m	6.556	ng	
88) Benzo(k)fluoranthene	15.28	252	26527m	2.031	ng	
89) Benzo(a)pyrene	15.64	252	53035	4.317	ng	# 96
91) Benzo(g,h,i)perylene	17.77	276	23157	2.458	ng	# 81

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

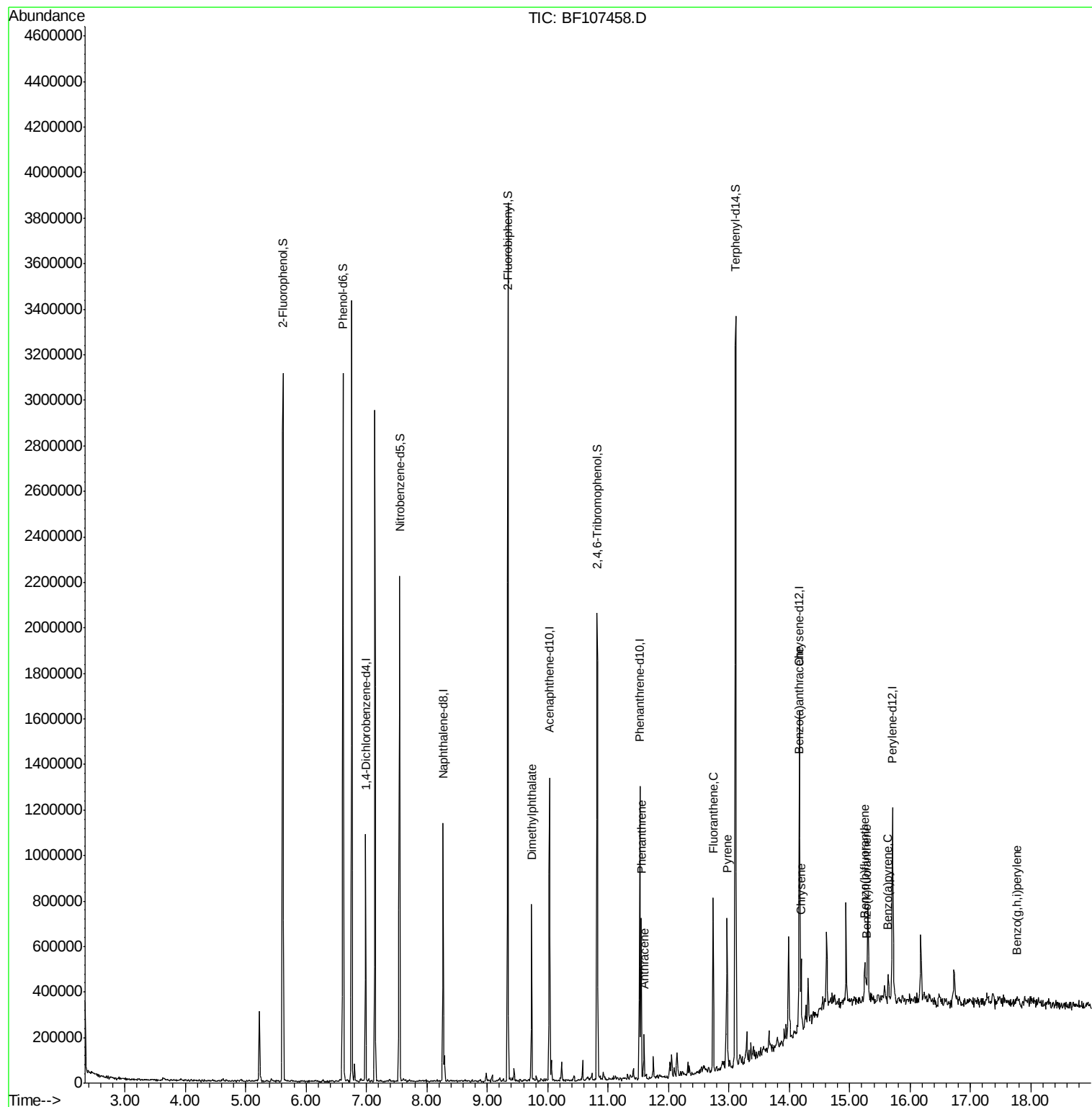
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071718\
Data File : BF107458.D
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Operator : JU/SJ
Sample : J3906-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

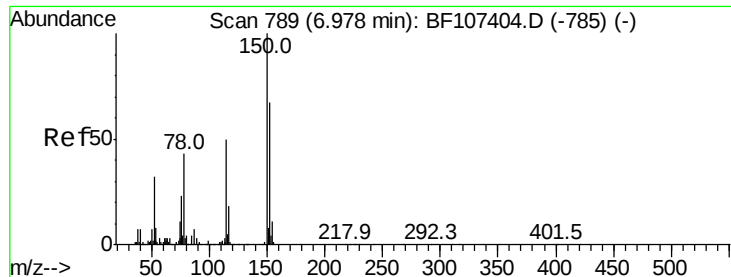
Instrument :
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CB-7-8-6-ST-EW-1@3

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#1

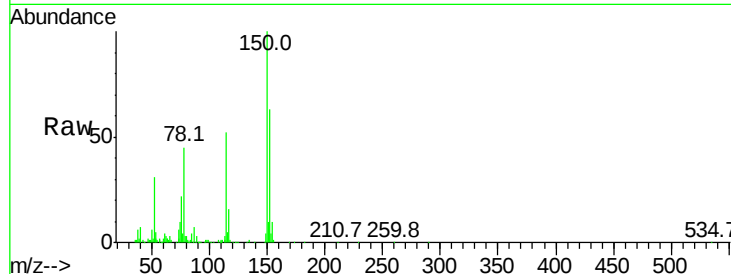
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF107458.D
Acq: 17 Jul 2018 19:14

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

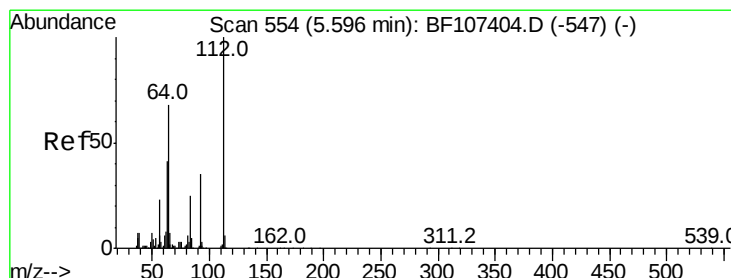
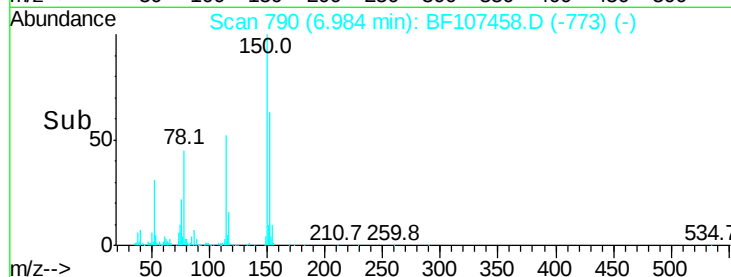
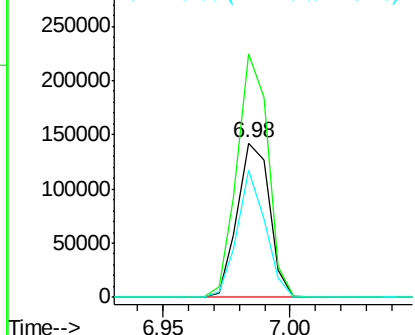
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.6	186.8
115	82.2	50.1	75.1#

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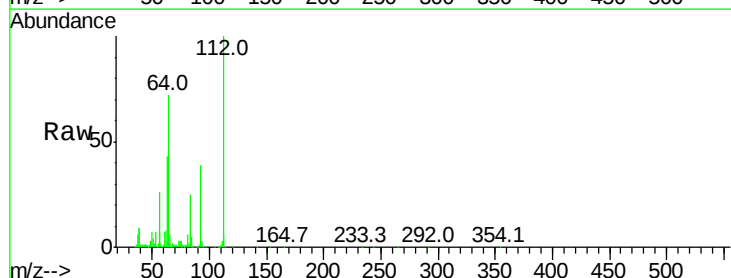
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



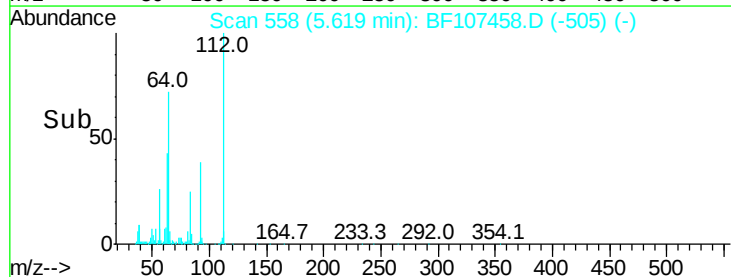
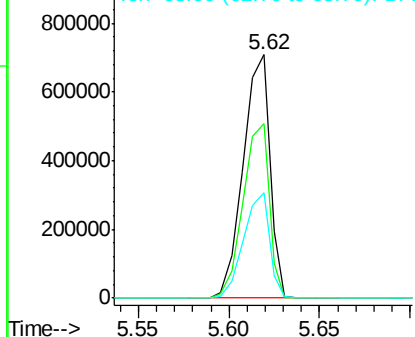
#5

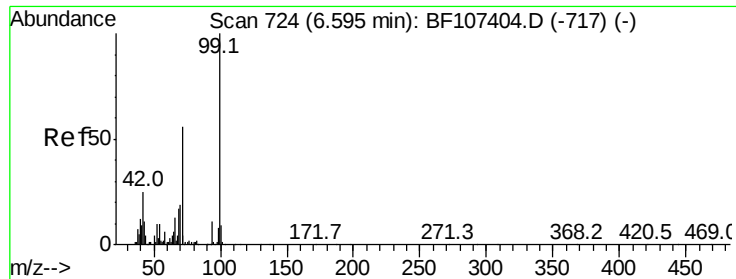
2-Fluorophenol
Concen: 87.777 ng
RT: 5.62 min Scan# 558
Delta R.T. 0.01 min
Lab File: BF107458.D
Acq: 17 Jul 2018 19:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.7	47.9	71.9
63	43.3	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: 87.951 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF107458.D

Acq: 17 Jul 2018 19:14

Instrument :

BNA_F

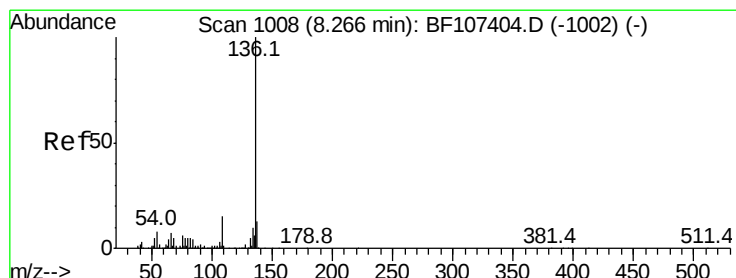
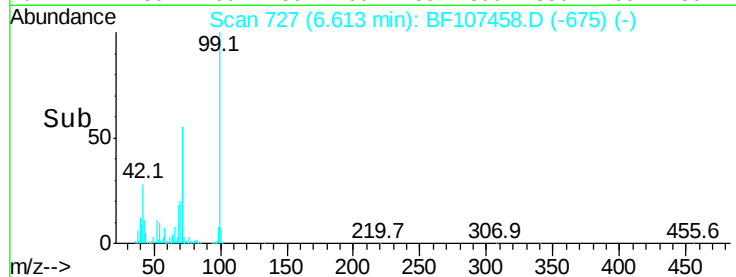
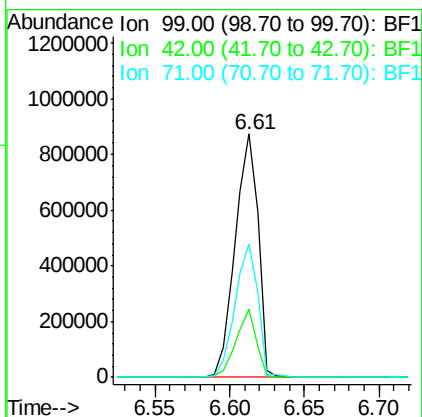
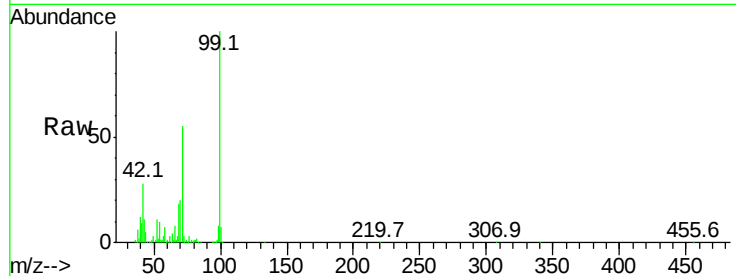
ClientSampleId :

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		942322		
42	27.8	14.5	21.7#		
71	55.0	25.4	38.0#		

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#21

Naphthalene-d8

Concen: 20.000 ng

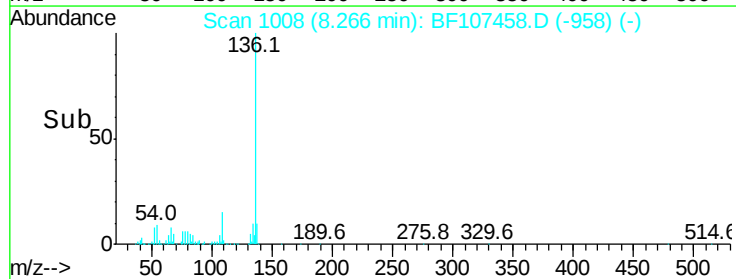
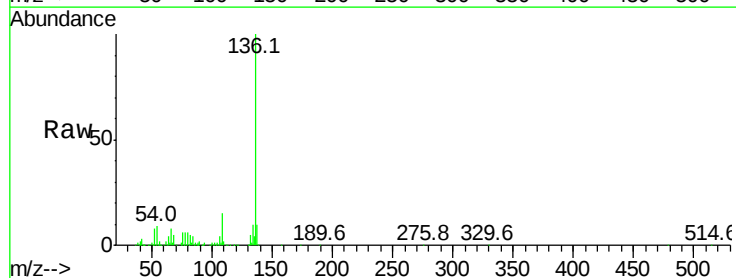
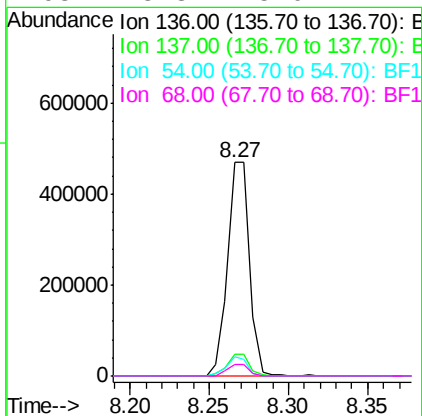
RT: 8.27 min Scan# 1008

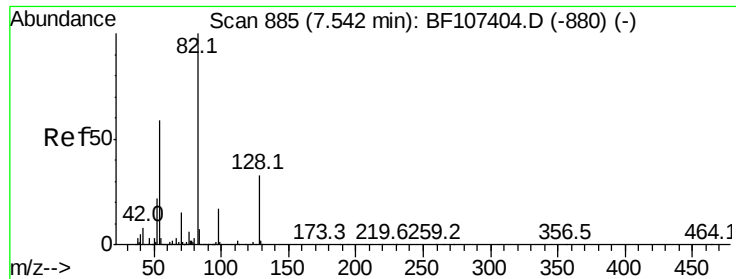
Delta R.T. -0.01 min

Lab File: BF107458.D

Acq: 17 Jul 2018 19:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		450938		
137	10.4	8.9	13.3		
54	8.8	6.6	9.8		
68	5.3	5.0	7.4		





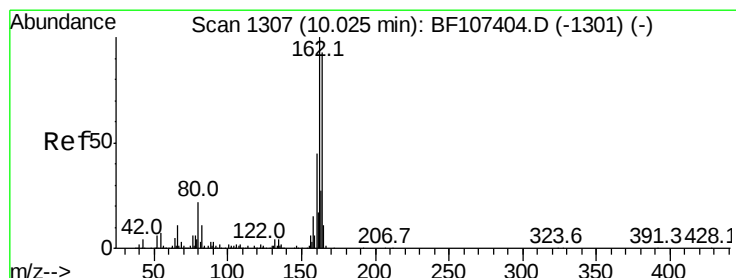
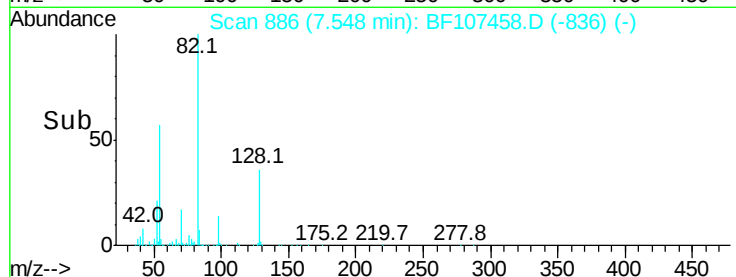
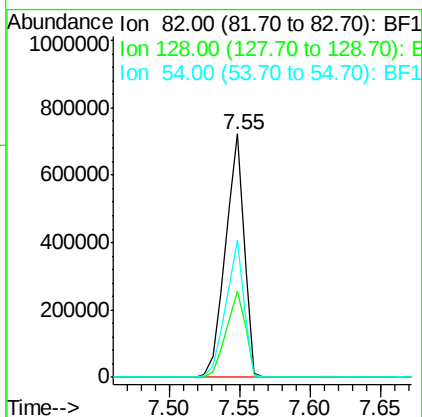
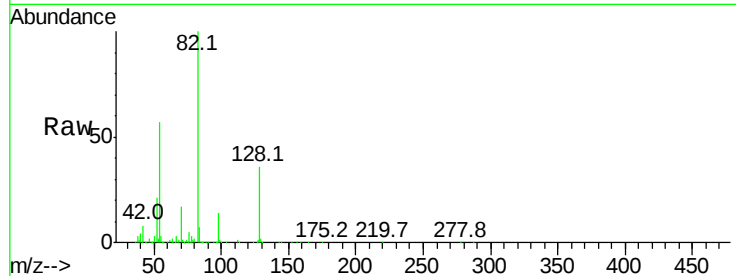
#23
Nitrobenzene-d5
Concen: 78.783 ng
RT: 7.55 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF107458.D
Acq: 17 Jul 2018 19:14

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

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	35.5	36.1	54.1#
54	56.7	41.4	62.2

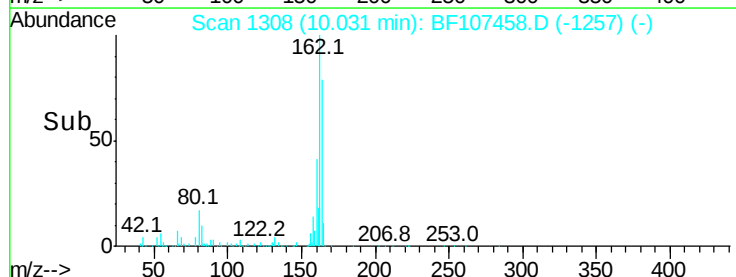
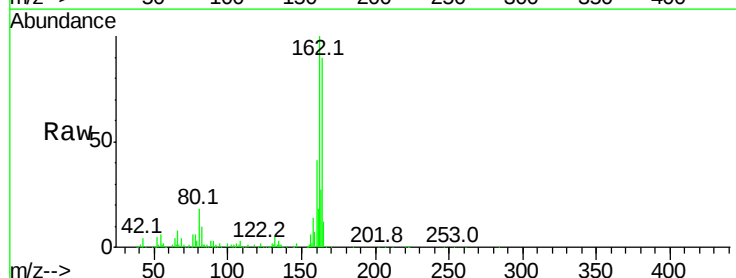
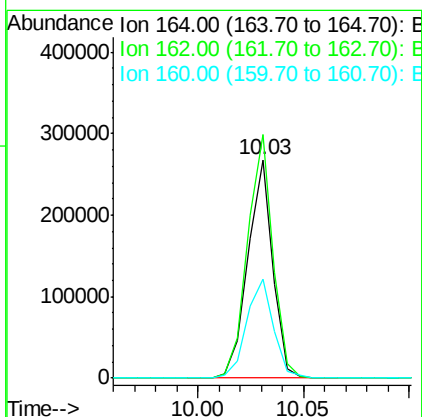
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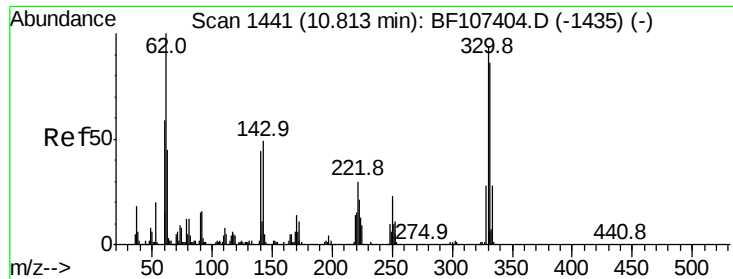
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.03 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BF107458.D
Acq: 17 Jul 2018 19:14

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
162	111.4	86.1	129.1
160	45.4	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 95.486 ng

RT: 10.82 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BF107458.D

Acq: 17 Jul 2018 19:14

Instrument :

BNA_F

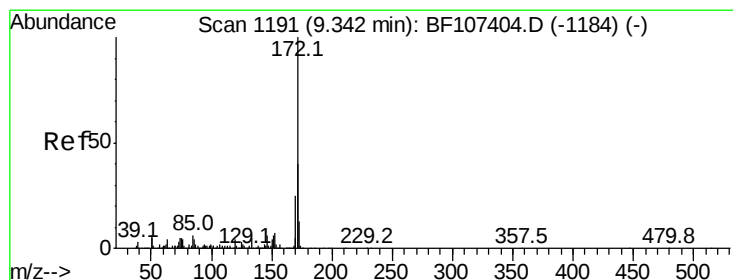
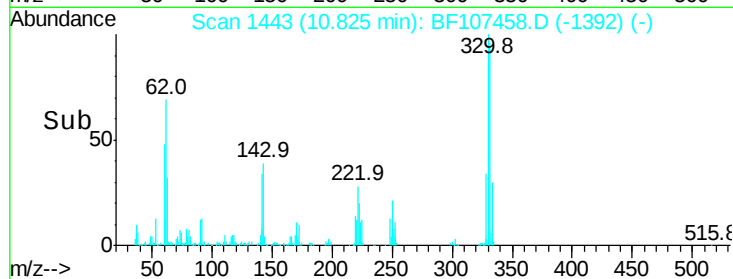
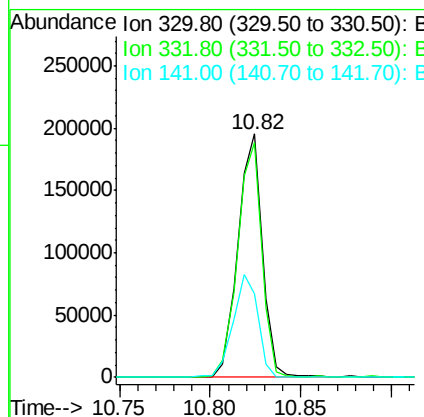
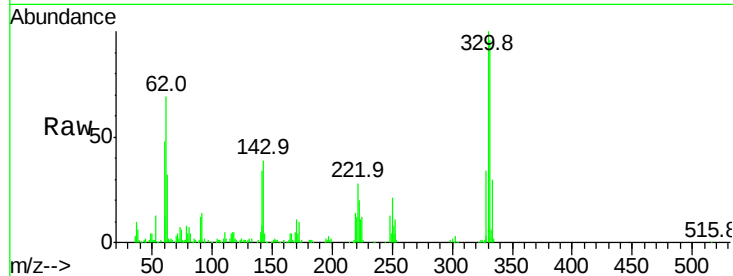
ClientSampleId :

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

Tot Ion:	330	Resp:	183623
Ion Ratio	Lower	Upper	
330	100		
332	95.2	77.0	115.6
141	42.9	29.9	44.9

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#44

2-Fluorobiphenyl

Concen: 79.451 ng

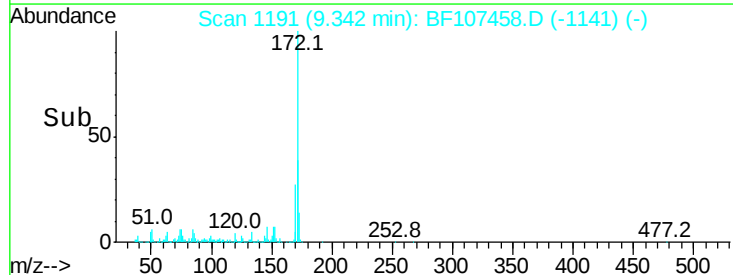
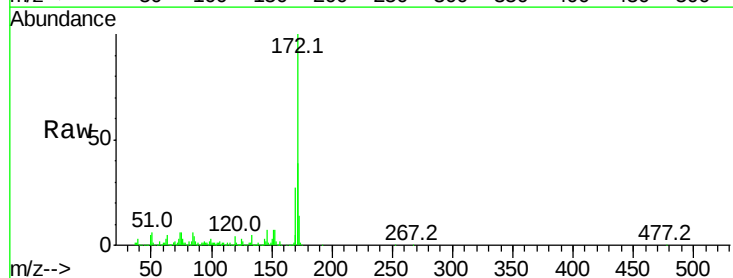
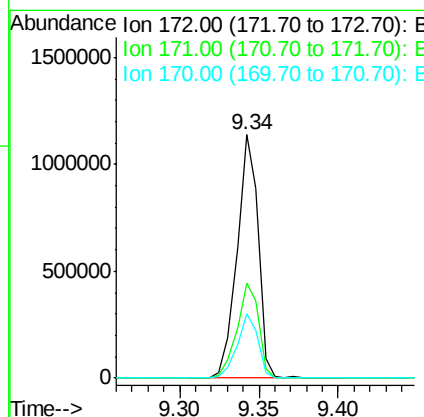
RT: 9.34 min Scan# 1191

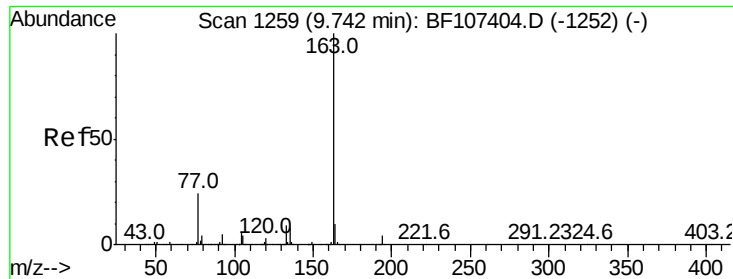
Delta R.T. -0.01 min

Lab File: BF107458.D

Acq: 17 Jul 2018 19:14

Tgt Ion:	172	Resp:	1052240
Ion Ratio	Lower	Upper	
172	100		
171	39.0	29.7	44.5
170	26.6	19.6	29.4





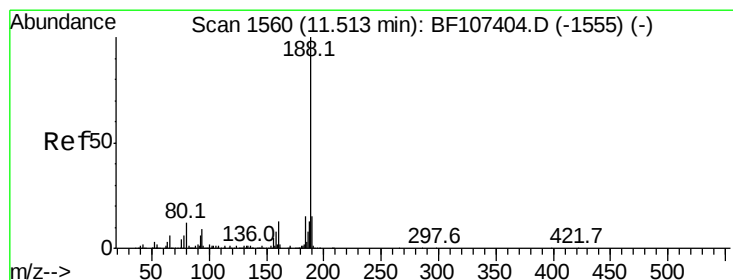
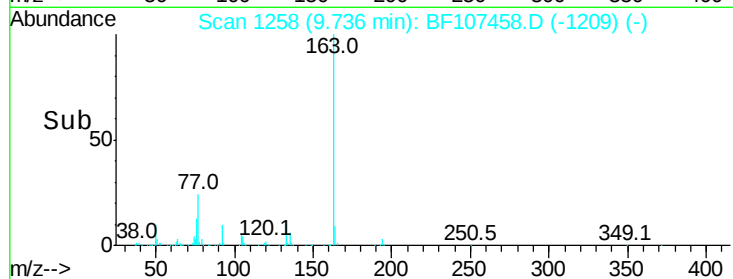
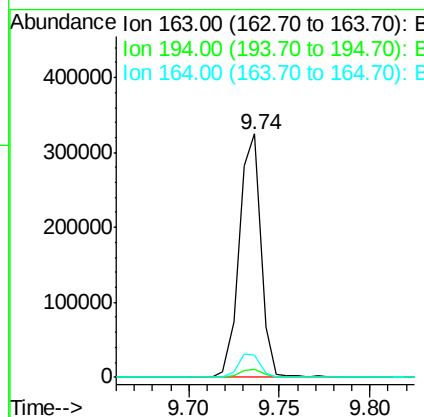
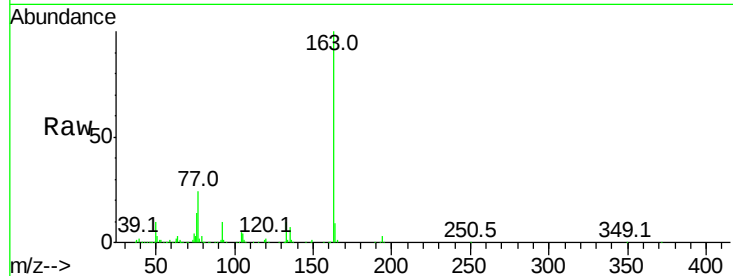
#49
Dimethylphthalate
Concen: 15.577 ng
RT: 9.74 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF107458.D
Acq: 17 Jul 2018 19:14

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

Tot Ion	Ratio	Resp	Lower	Upper
163	100	270879		
194	3.5		2.7	4.1
164	8.9		8.2	12.2

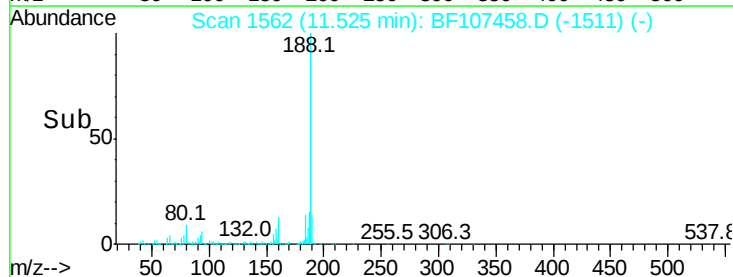
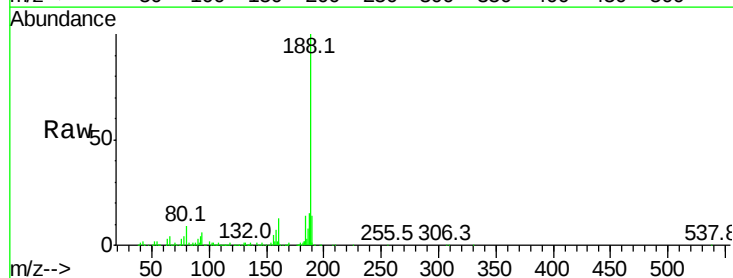
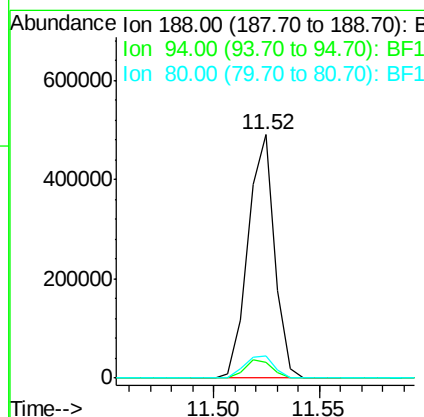
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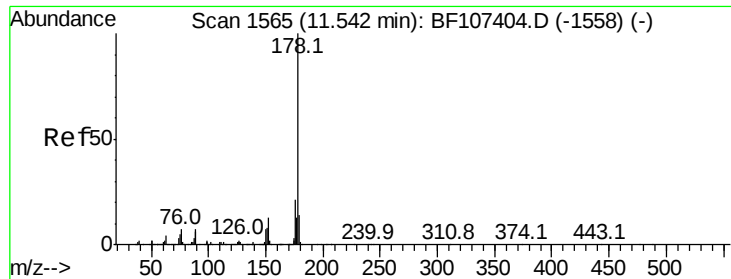
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF107458.D
Acq: 17 Jul 2018 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	424671		
94	6.5		8.5	12.7#
80	9.0		9.2	13.8#





#70

Phenanthrene

Concen: 10.609 ng

RT: 11.55 min Scan# 1566

Delta R.T. 0.00 min

Lab File: BF107458.D

Acq: 17 Jul 2018 19:14

Instrument :

BNA_F

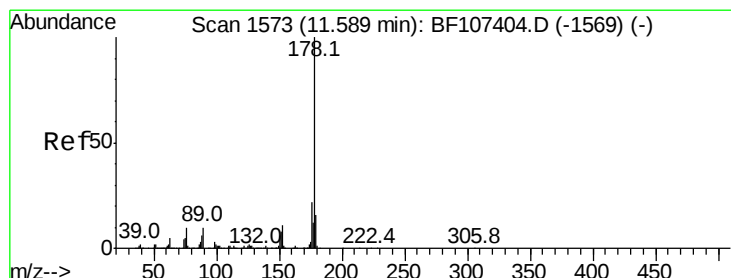
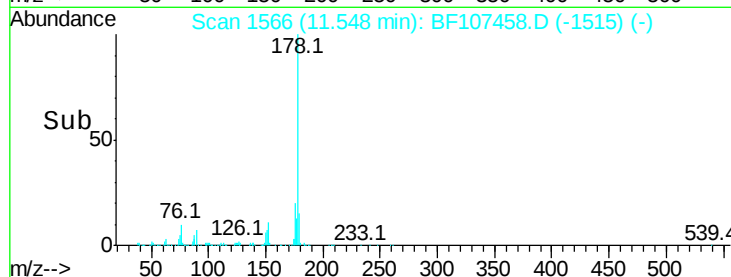
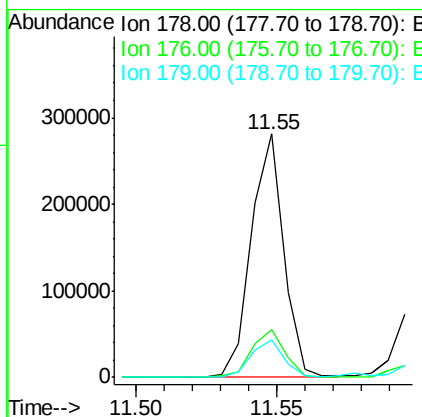
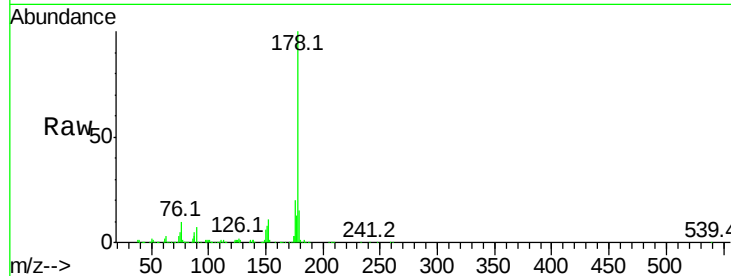
ClientSampleId :

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

Tot Ion:178	Resp:	224521
Ion Ratio	Lower	Upper
178	100	
176	19.5	15.8 23.8
179	15.4	13.0 19.6

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#71

Anthracene

Concen: 2.897 ng

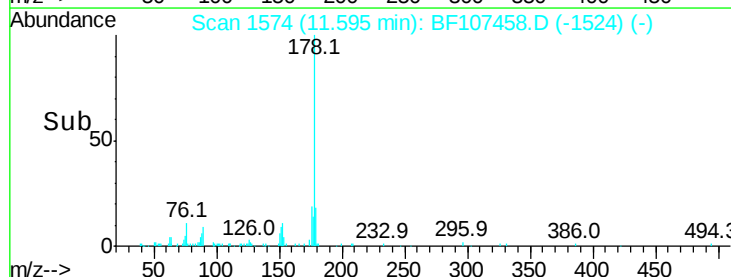
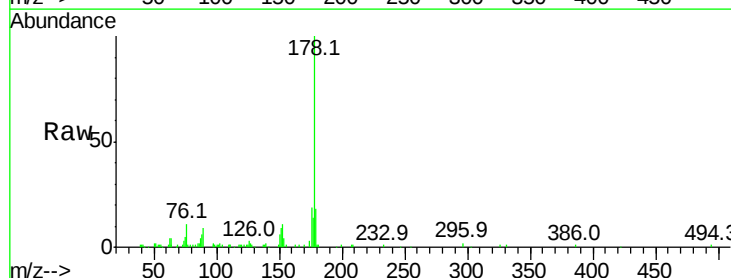
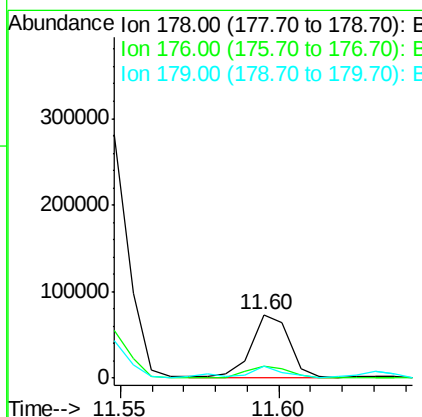
RT: 11.60 min Scan# 1574

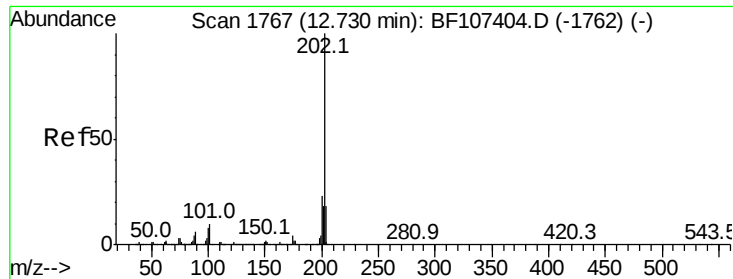
Delta R.T. -0.01 min

Lab File: BF107458.D

Acq: 17 Jul 2018 19:14

Tgt Ion:178	Resp:	61065
Ion Ratio	Lower	Upper
178	100	
176	19.3	15.4 23.2
179	18.1	12.6 19.0





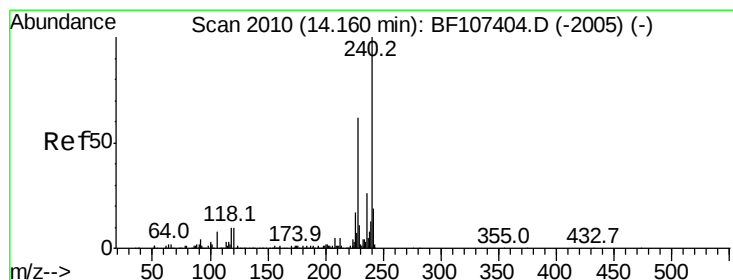
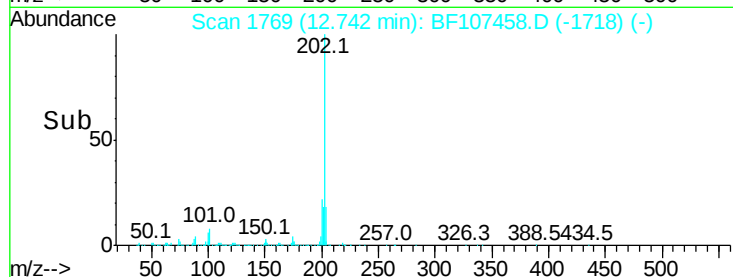
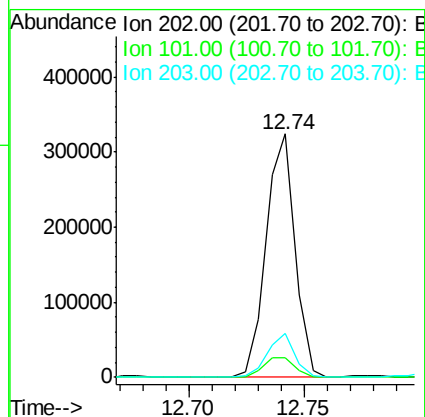
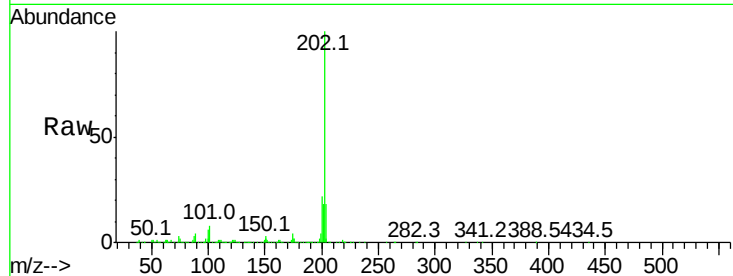
#74
 Fluoranthene
 Concen: 11.752 ng
 RT: 12.74 min Scan# 1769
 Delta R.T. 0.00 min
 Lab File: BF107458.D
 Acq: 17 Jul 2018 19:14

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

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.3	0.0	34.1
203	18.2	0.0	38.1

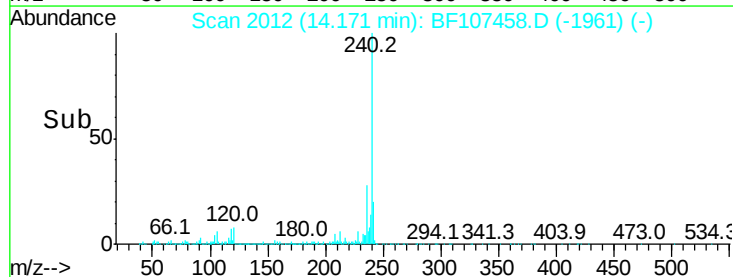
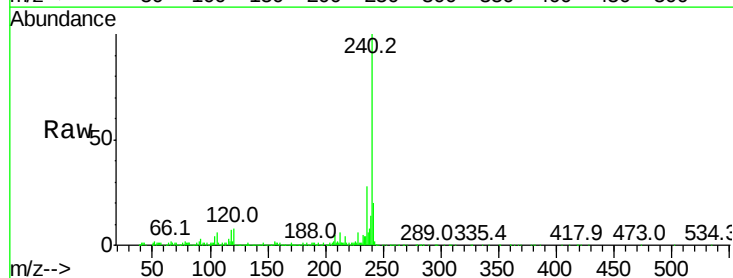
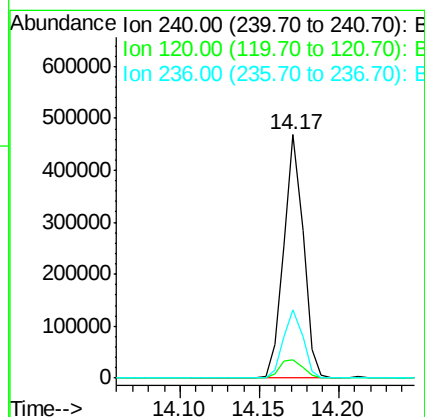
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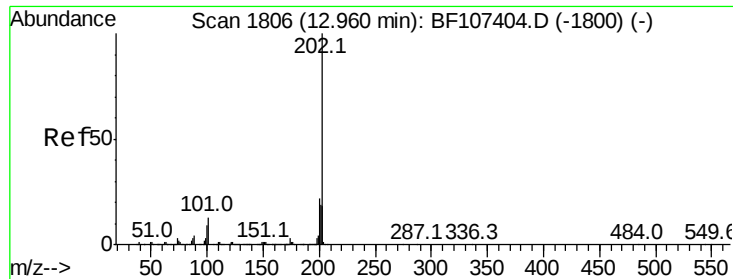
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#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.17 min Scan# 2012
 Delta R.T. 0.00 min
 Lab File: BF107458.D
 Acq: 17 Jul 2018 19:14

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	7.7	9.5	14.3#
236	28.3	20.7	31.1





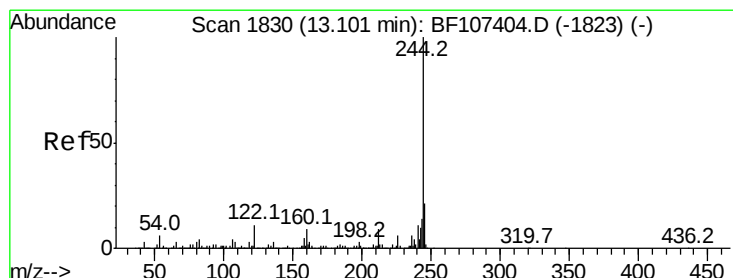
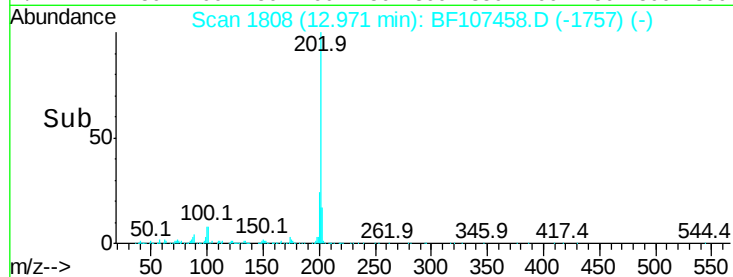
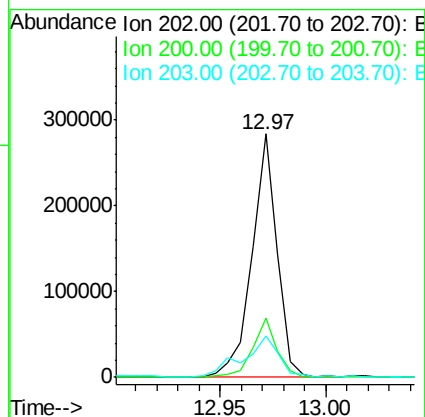
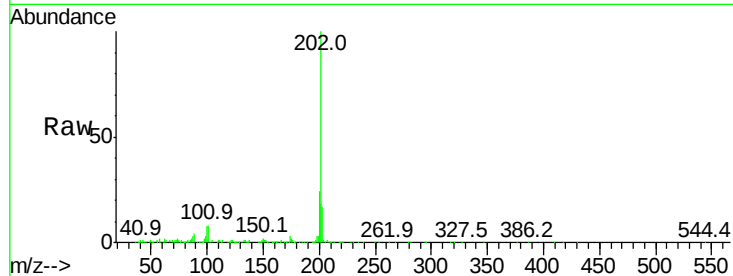
#77
Pvrene
Concen: 8.607 ng
RT: 12.97 min Scan# 1808
Delta R.T. 0.00 min
Lab File: BF107458.D
Acq: 17 Jul 2018 19:14

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

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	24.2	17.4	26.2
203	17.1	14.3	21.5

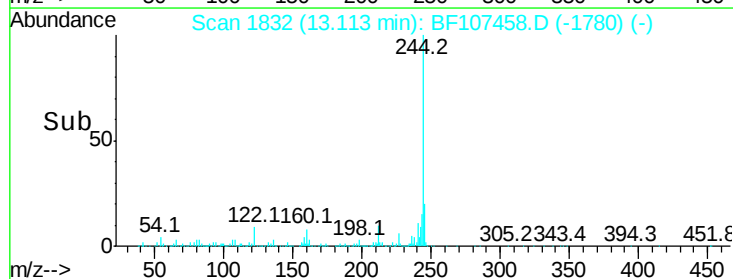
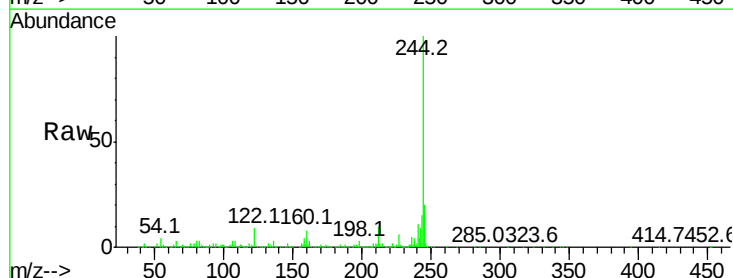
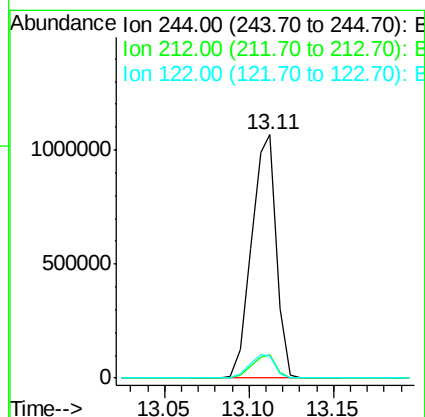
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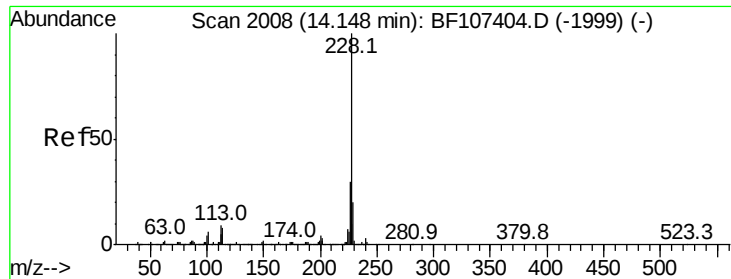
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#78
Terphenyl-d14
Concen: 66.932 ng
RT: 13.11 min Scan# 1832
Delta R.T. 0.01 min
Lab File: BF107458.D
Acq: 17 Jul 2018 19:14

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	9.8	5.4	8.0#
122	9.1	11.0	16.4#





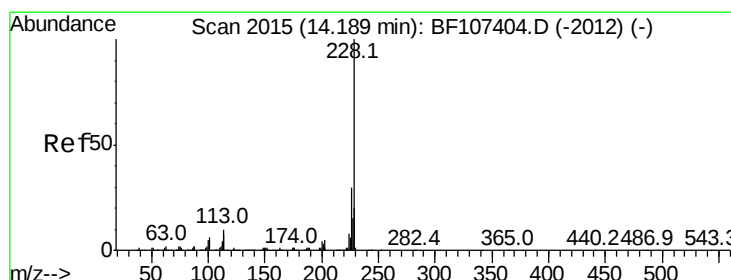
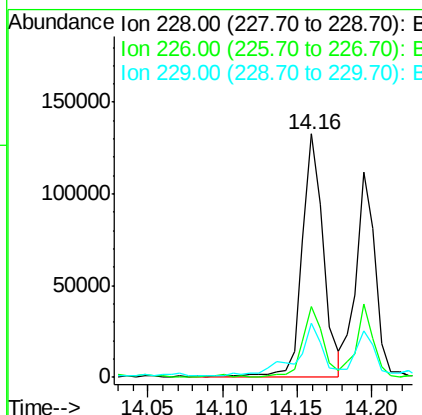
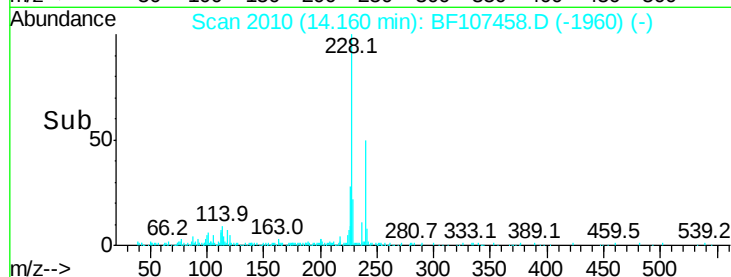
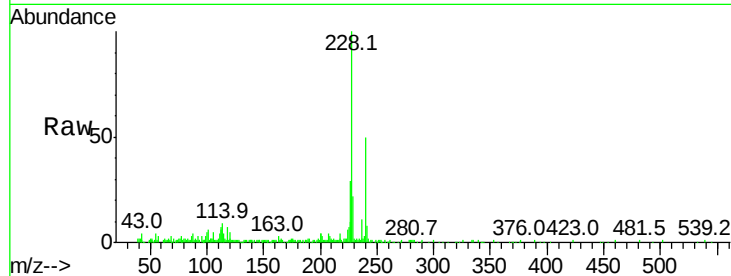
#80
Benzo(a)anthracene
Concen: 5.320 ng
RT: 14.16 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF107458.D
Acq: 17 Jul 2018 19:14

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	33.8
229	22.3	15.8	23.6

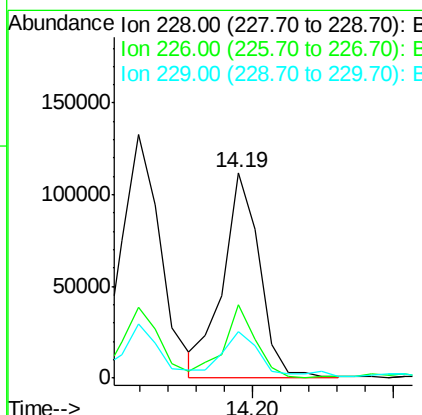
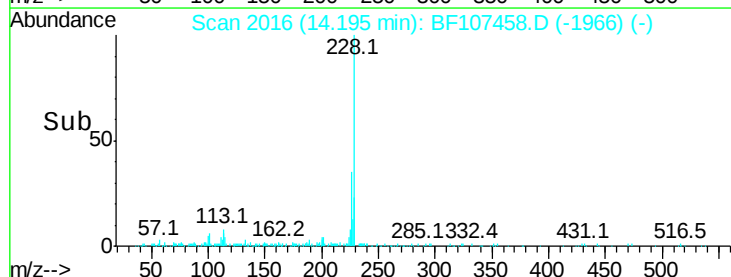
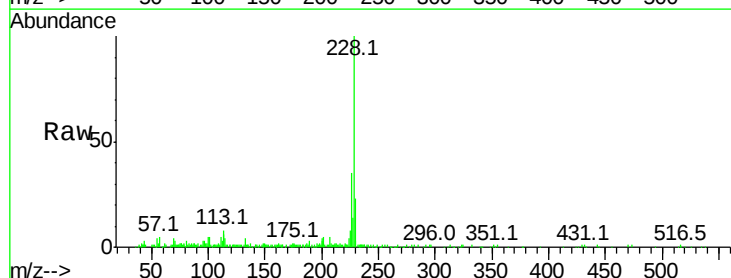
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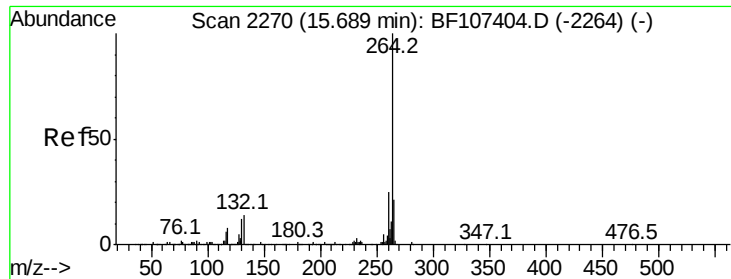
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#82
Chrysene
Concen: 4.270 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF107458.D
Acq: 17 Jul 2018 19:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.5	25.0	37.6
229	22.9	16.2	24.4





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.71 min Scan# 2274

Delta R.T. 0.01 min

Lab File: BF107458.D

Acq: 17 Jul 2018 19:14

Instrument :

BNA_F

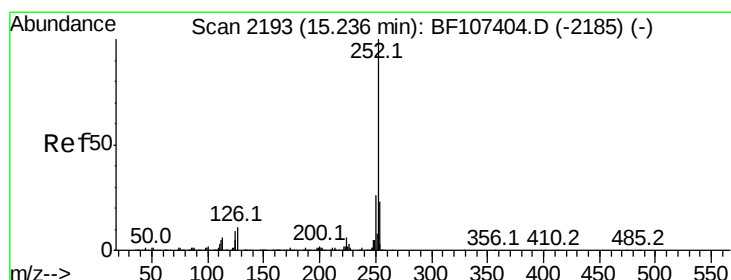
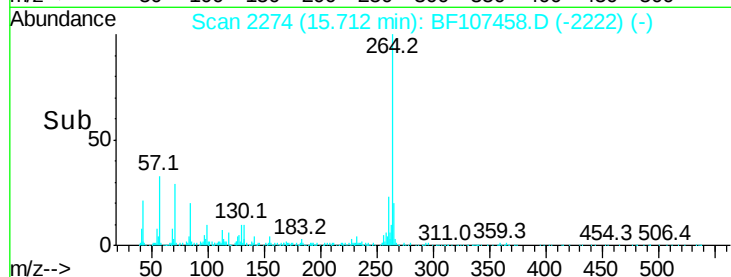
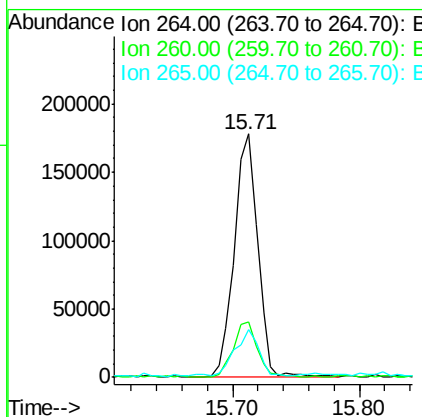
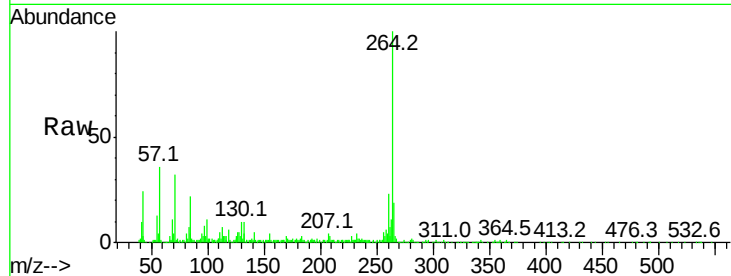
ClientSampleId :

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

Tot Ion:	264	Resp:	228669
Ion Ratio	Lower	Upper	
264	100		
260	23.0	19.2	28.8
265	19.4	17.5	26.3

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#87

Benzo(b)fluoranthene

Concen: 6.556 ng m

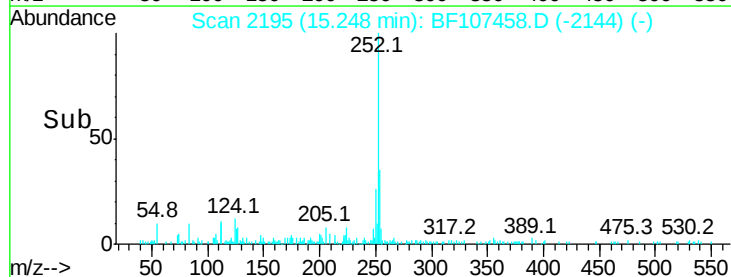
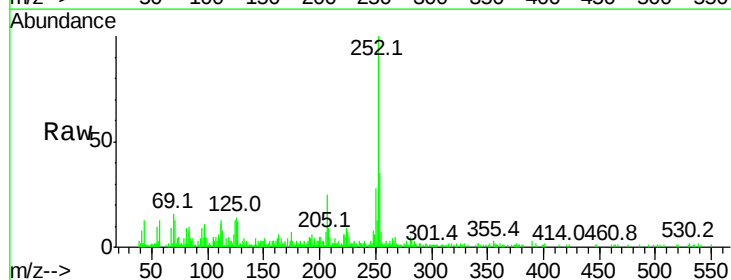
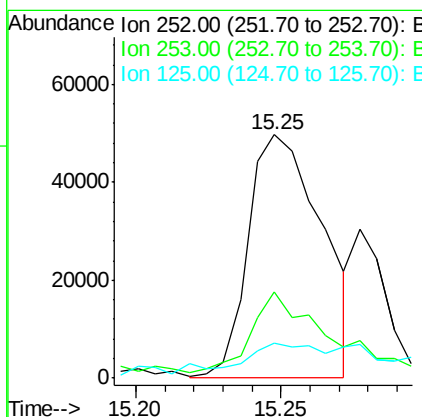
RT: 15.25 min Scan# 2195

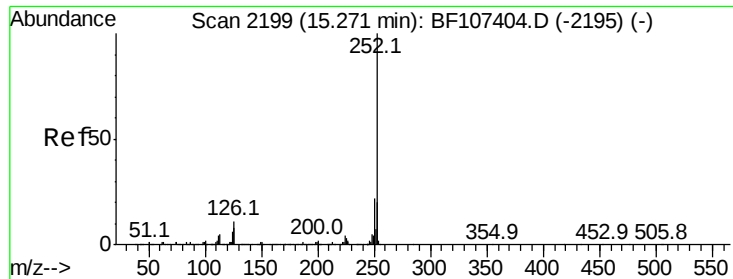
Delta R.T. 0.00 min

Lab File: BF107458.D

Acq: 17 Jul 2018 19:14

Tgt Ion:	252	Resp:	87748
Ion Ratio	Lower	Upper	
252	100		
253	35.5	17.0	25.6#
125	14.4	9.0	13.6#





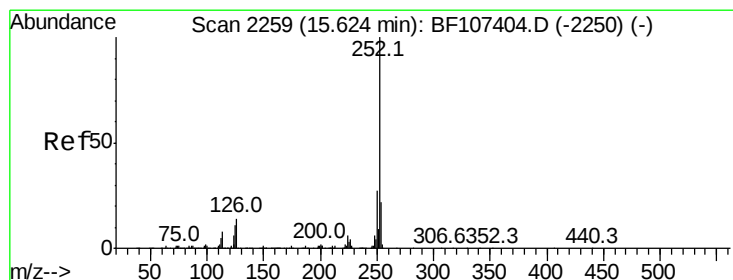
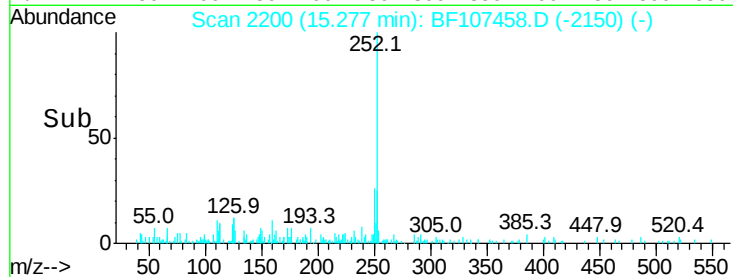
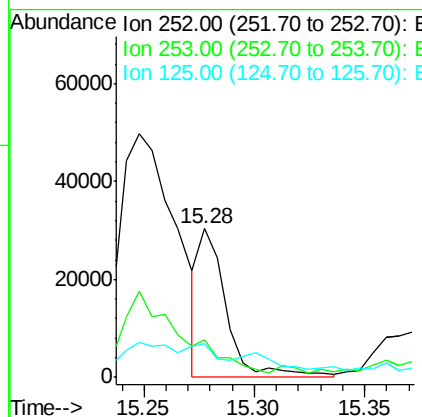
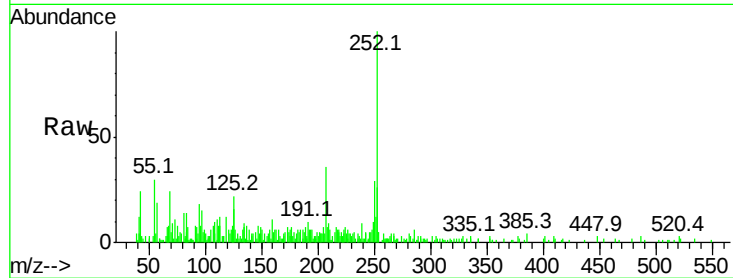
#88
Benzo(k)fluoranthene
Concen: 2.031 ng m
RT: 15.28 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF107458.D
Acq: 17 Jul 2018 19:14

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.9	26.9
125	22.5	10.2	15.2

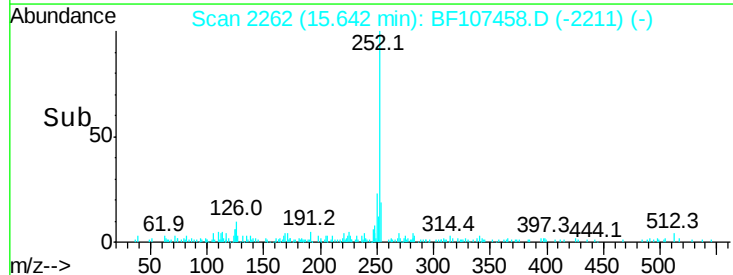
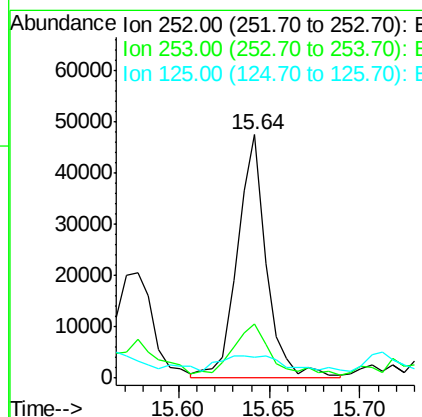
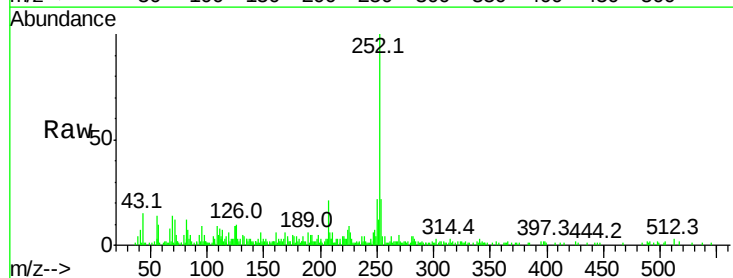
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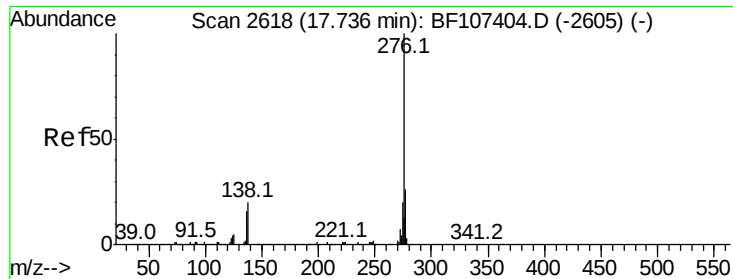
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#89
Benzo(a)pyrene
Concen: 4.317 ng
RT: 15.64 min Scan# 2262
Delta R.T. 0.00 min
Lab File: BF107458.D
Acq: 17 Jul 2018 19:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	8.8	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 2.458 ng
 RT: 17.77 min Scan# 2623
 Delta R.T. 0.01 min
 Lab File: BF107458.D
 Acq: 17 Jul 2018 19:14

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

Tot Ion	Ratio	Lower	Upper
276	100		
277	20.9	17.9	26.9
138	44.1	21.8	32.8

Manual Integrations
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