

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072318\
 Data File : BF107592.D
 Acq On : 23 Jul 2018 17:05
 Operator : JU/SJ
 Sample : J4030-11 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB8-12-0

Manual Integrations
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 7/24/2018 5:26:12 PM

Quant Time: Jul 23 19:05:21 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	6.98	152	317882	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	1149516	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	435628	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	792289	20.00	ng	0.00
75) Chrysene-d12	14.17	240	566122	20.00	ng	0.00
86) Perylene-d12	15.72	264	438084	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	861600	43.58	ng	0.00
7) Phenol-d6	6.61	99	1094901	46.12	ng	0.00
23) Nitrobenzene-d5	7.54	82	631735	37.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	217915	43.99	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1100321	35.81	ng	0.00
78) Terphenyl-d14	13.10	244	945647	42.76	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.72	163	239491	7.294	ng	98
70) Phenanthrene	11.54	178	700933	18.155	ng	99
71) Anthracene	11.59	178	175060	4.503	ng	98
72) Carbazole	11.75	167	87118	2.155	ng	99
74) Fluoranthene	12.74	202	1413673	34.122	ng	97
77) Pyrene	12.97	202	1258836	32.508	ng	98
80) Benzo(a)anthracene	14.16	228	535450	16.140	ng	97
82) Chrysene	14.19	228	527902	16.565	ng	97
85) Indeno(1,2,3-cd)pyrene	17.31	276	259739	9.617	ng	# 89
87) Benzo(b)fluoranthene	15.25	252	570046m	23.776	ng	
88) Benzo(k)fluoranthene	15.28	252	232748m	9.909	ng	
89) Benzo(a)pyrene	15.65	252	387248	17.657	ng	93
90) Dibenzo(a,h)anthracene	17.31	278	63638	3.357	ng	# 69
91) Benzo(a,h,i)perylene	17.79	276	266368	14.244	ng	91

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

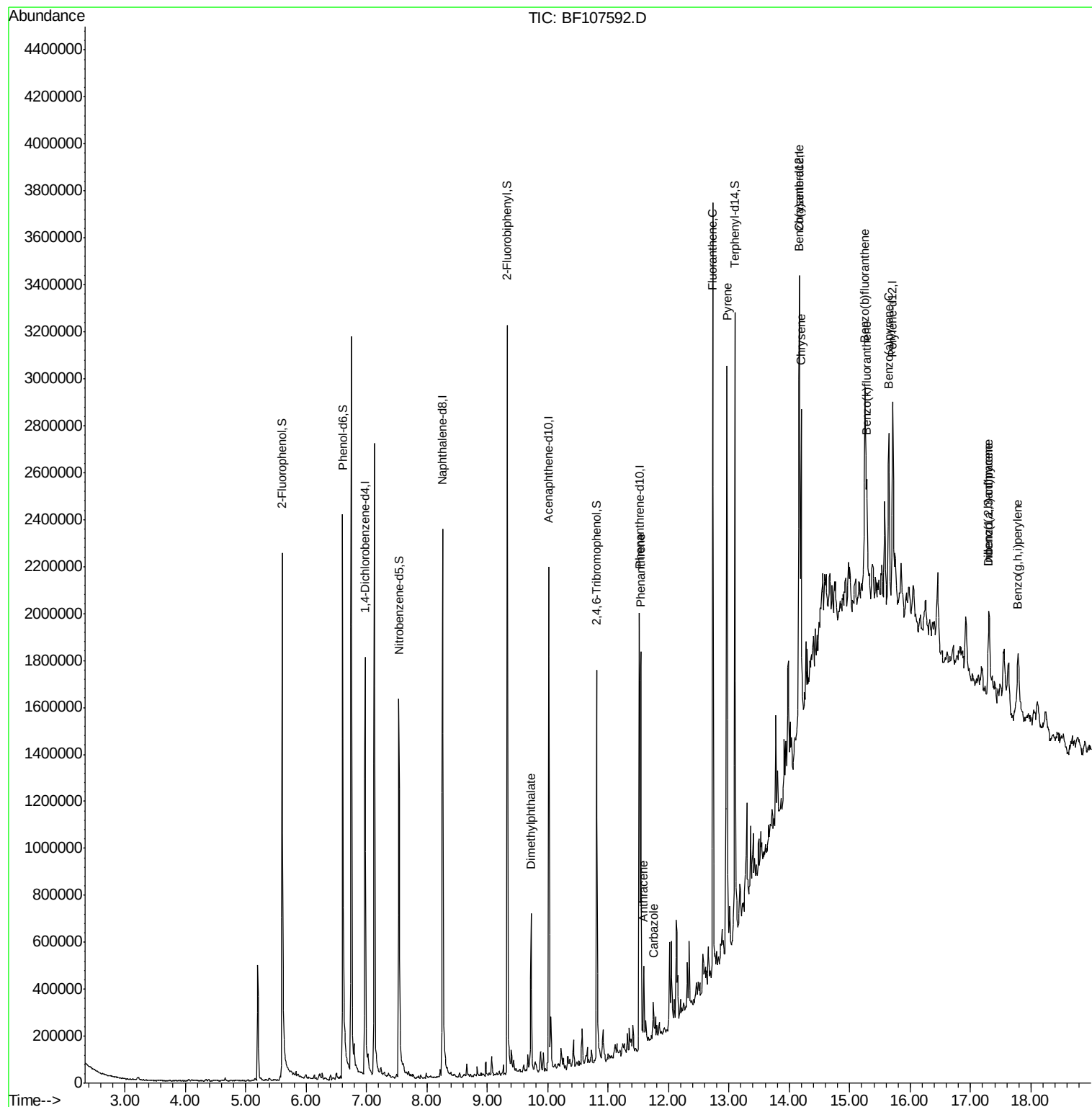
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072318\
Data File : BF107592.D
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Misc :
ALS Vial : 14 Sample Multiplier: 1

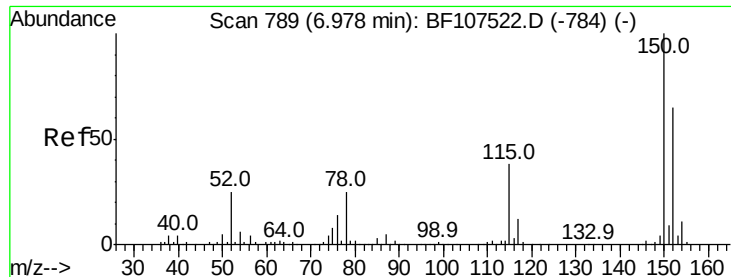
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
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#1

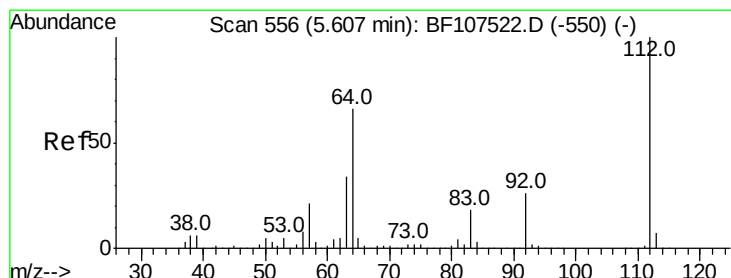
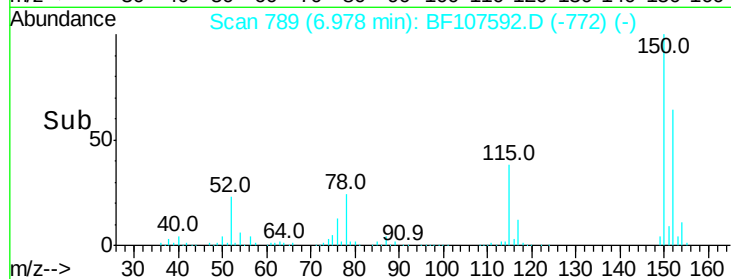
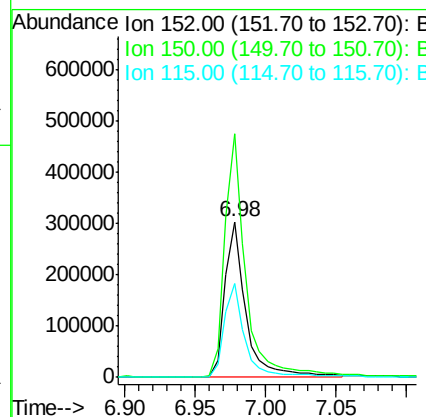
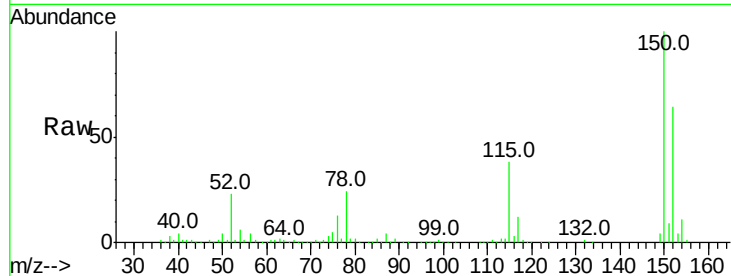
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF107592.D
Acq: 23 Jul 2018 17:05

Instrument :
BNA_F
ClientSampleId :
SB8-12-0

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.6	186.8
115	59.9	50.1	75.1

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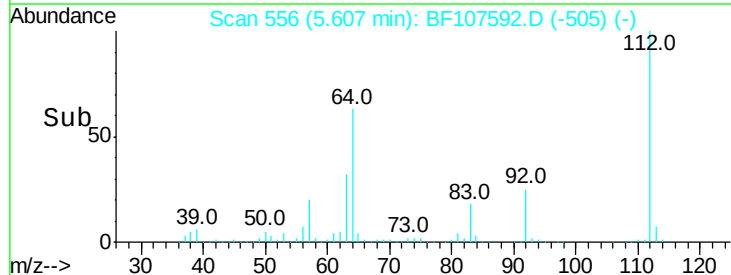
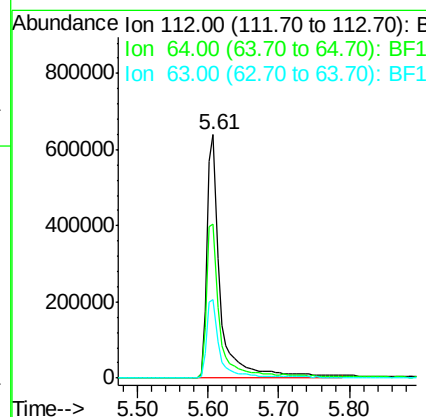
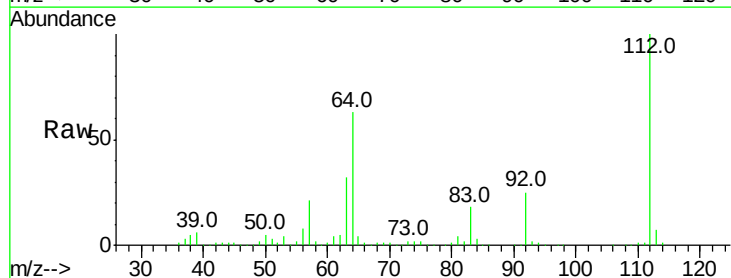
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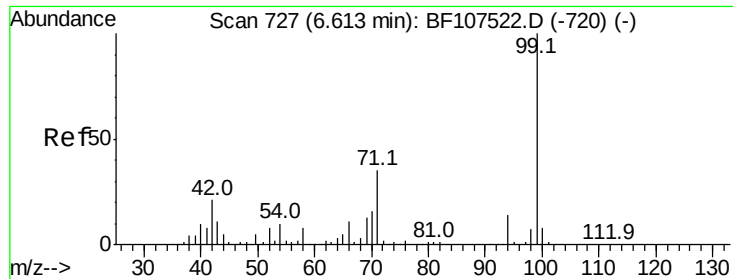


#5

2-Fluorophenol
Concen: 43.579 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF107592.D
Acq: 23 Jul 2018 17:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.4	47.9	71.9
63	32.5	23.7	35.5





#7

Phenol-d6

Concen: 46.121 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107592.D

Acq: 23 Jul 2018 17:05

Instrument :

BNA_F

ClientSampled :

SB8-12-0

Tot Ion: 99 Resp: 1094901

Ion Ratio Lower Upper

99 100

42 19.9 14.5 21.7

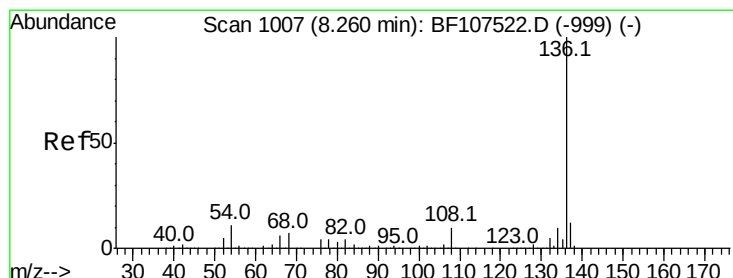
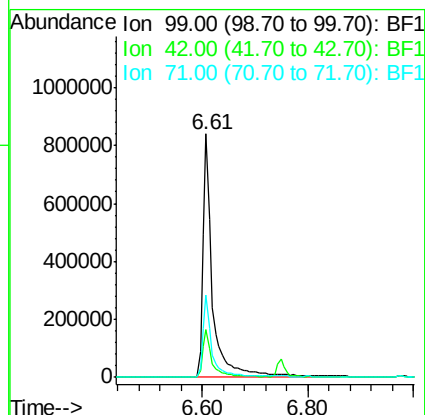
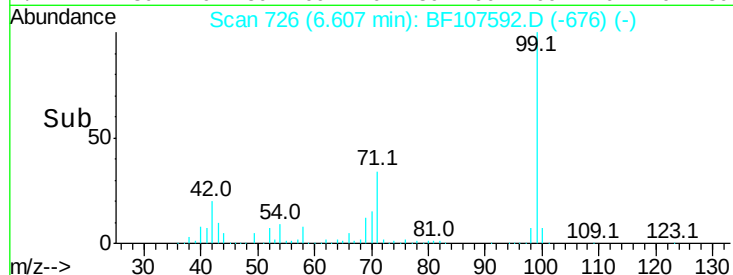
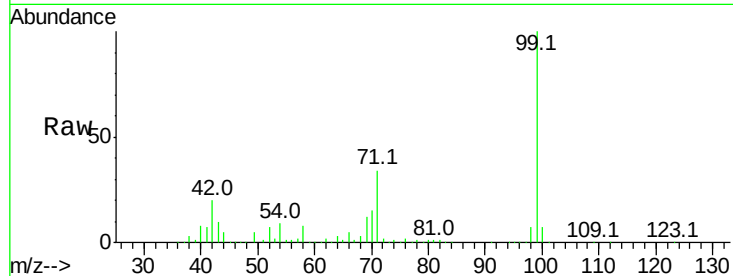
71 33.7 25.4 38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF107592.D

Acq: 23 Jul 2018 17:05

Tgt Ion:136 Resp: 1149516

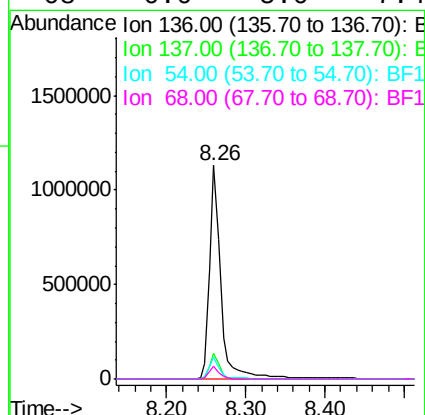
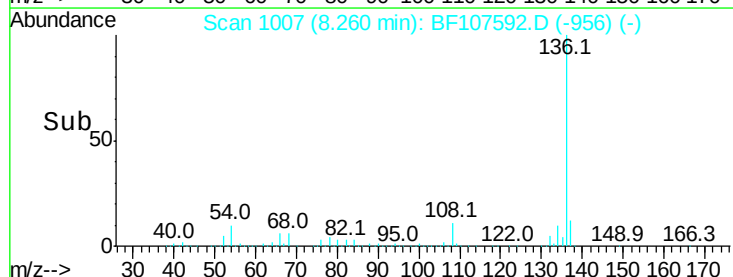
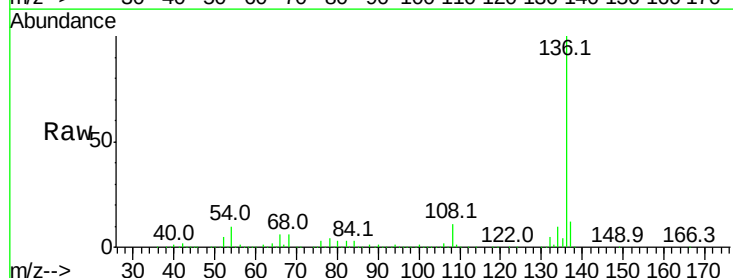
Ion Ratio Lower Upper

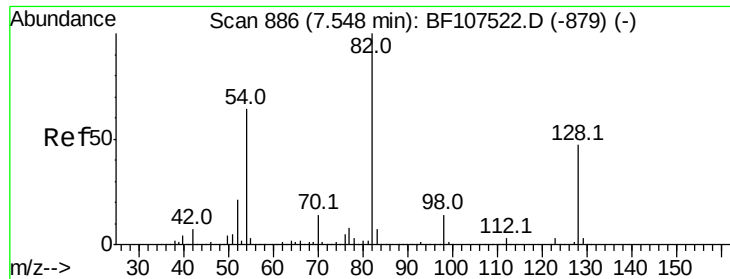
136 100

137 11.7 8.9 13.3

54 10.2 6.6 9.8#

68 6.0 5.0 7.4





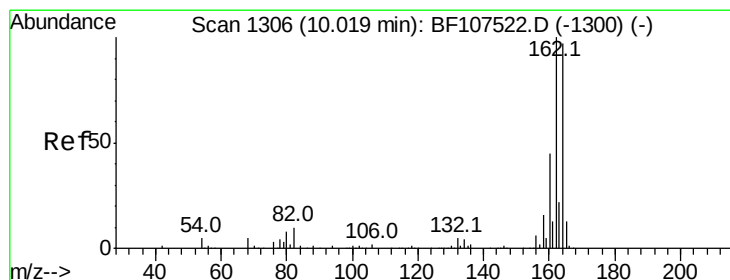
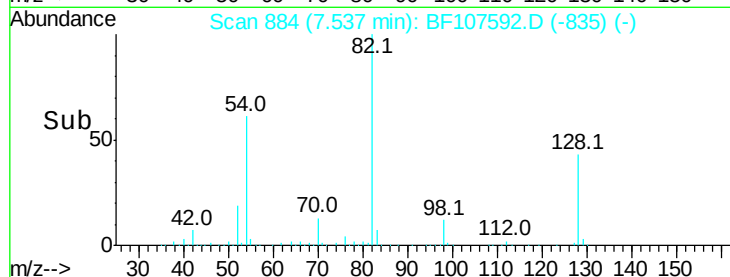
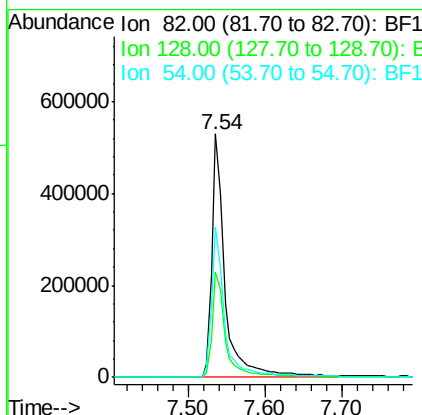
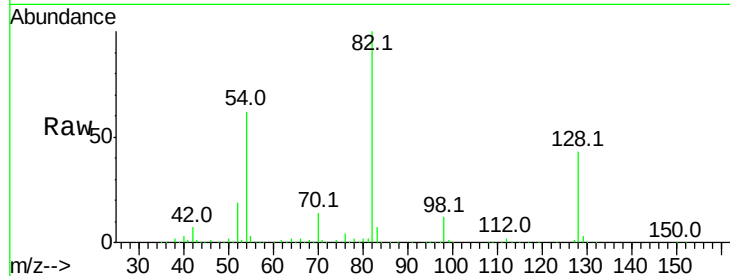
#23
Nitrobenzene-d5
Concen: 37.089 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF107592.D
Acq: 23 Jul 2018 17:05

Instrument :
BNA_F
ClientSampleId :
SB8-12-0

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.4	36.1	54.1
54	61.5	41.4	62.2

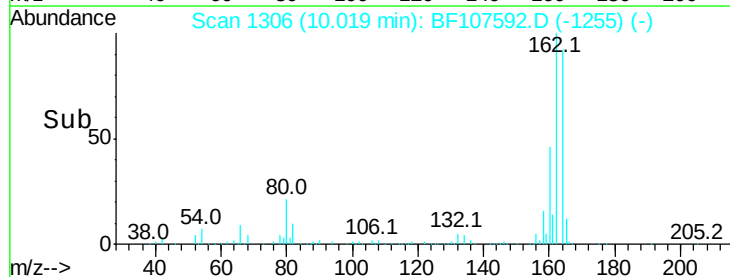
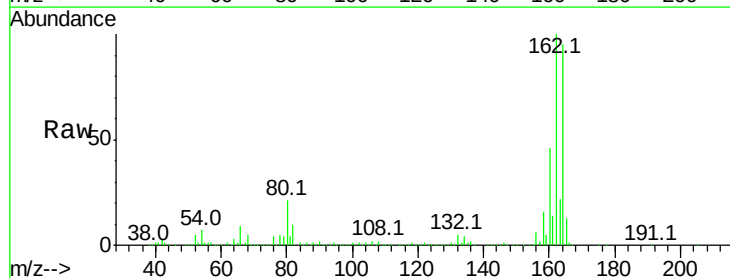
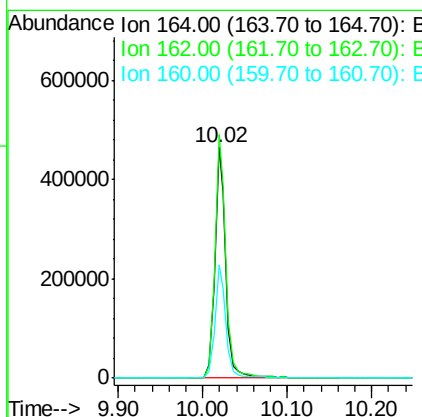
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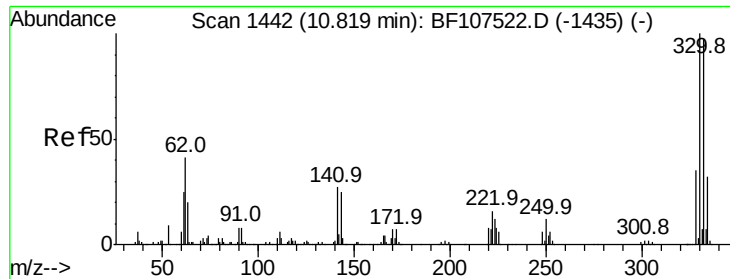
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF107592.D
Acq: 23 Jul 2018 17:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.6	86.1	129.1
160	48.8	38.3	57.5





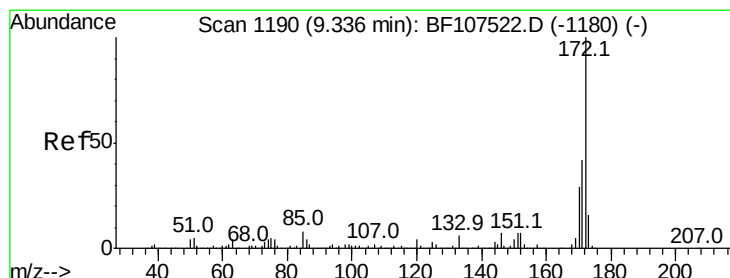
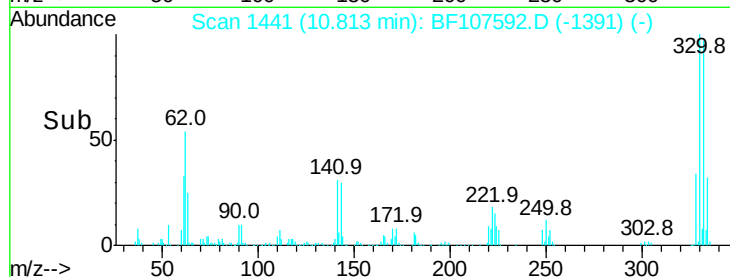
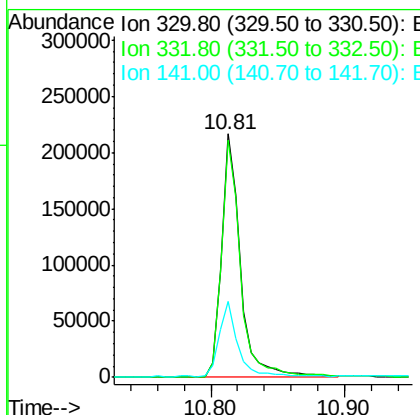
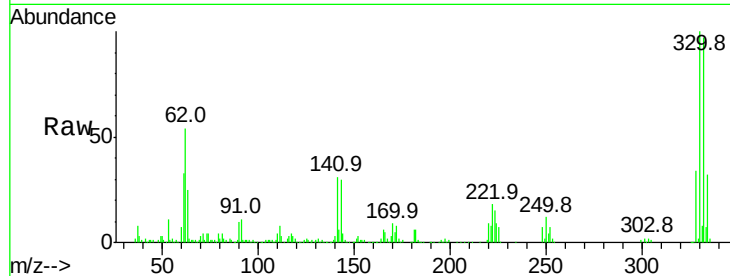
#41
 2,4,6-Tribromophenol
 Concen: 43.990 ng
 RT: 10.81 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF107592.D
 Acq: 23 Jul 2018 17:05

Instrument :
 BNA_F
 ClientSampled :
 SB8-12-0

Tot Ion	Ratio	Resp	Lower	Upper
330	100	217915		
332	98.6	77.0	115.6	
141	30.5	29.9	44.9	

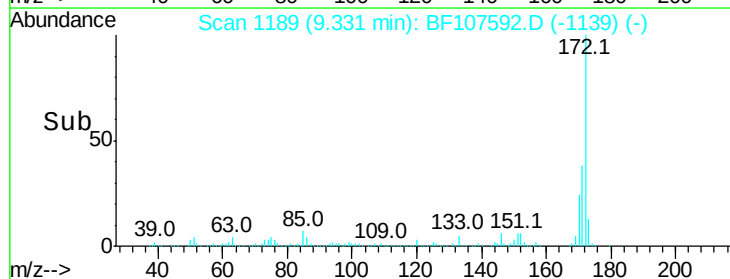
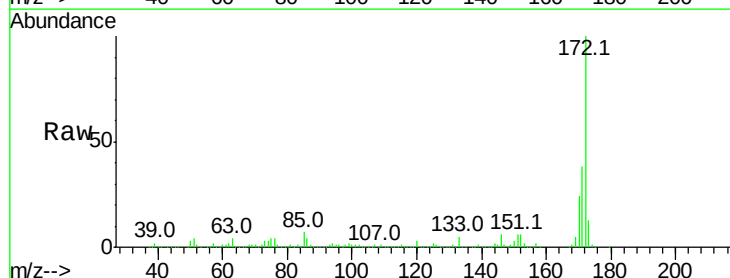
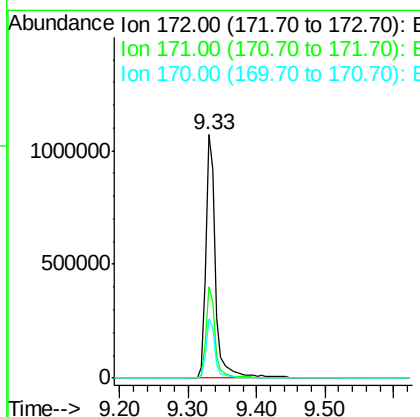
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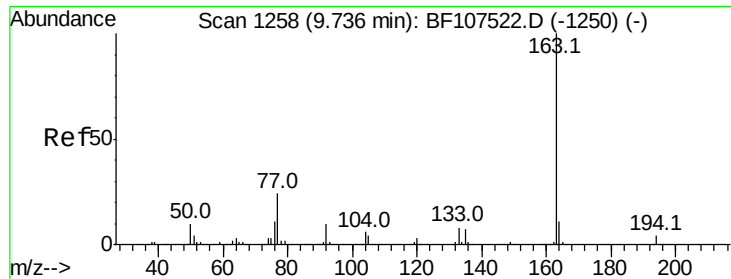
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#44
 2-Fluorobiphenyl
 Concen: 35.806 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF107592.D
 Acq: 23 Jul 2018 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1100321		
171	37.7	29.7	44.5	
170	24.2	19.6	29.4	





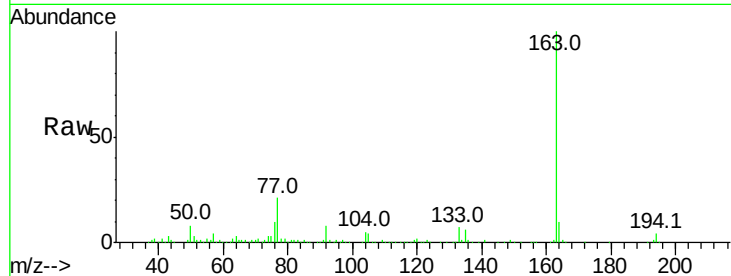
#49
Dimethylphthalate
Concen: 7.294 ng
RT: 9.72 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF107592.D
Acq: 23 Jul 2018 17:05

Instrument :
BNA_F
ClientSampleId :
SB8-12-0

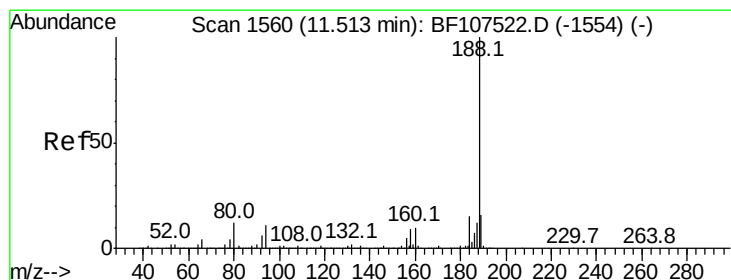
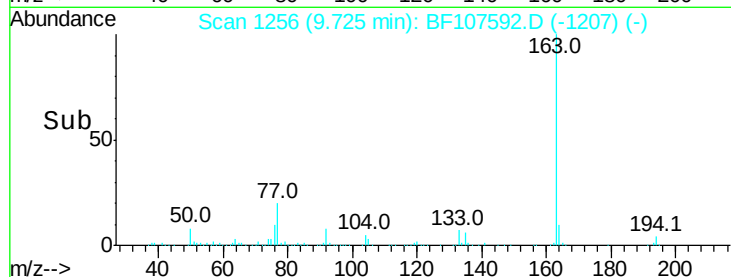
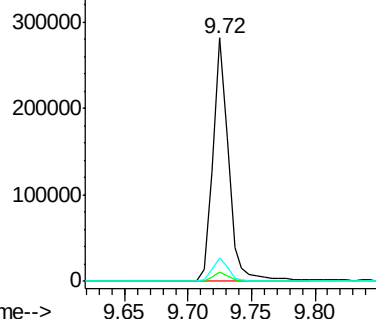
Tot Ion:	163	Resp:	239491
Ion Ratio	Lower	Upper	
163	100		
194	4.0	2.7	4.1
164	9.6	8.2	12.2

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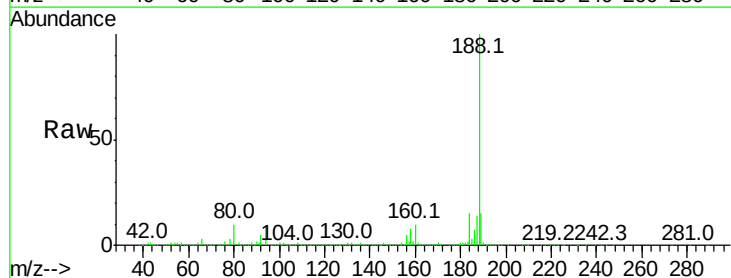


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

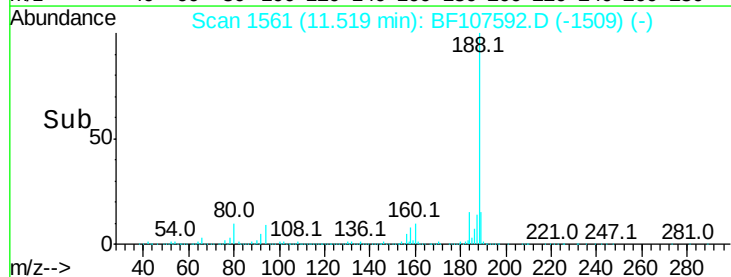
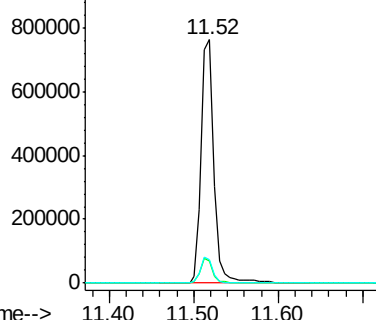


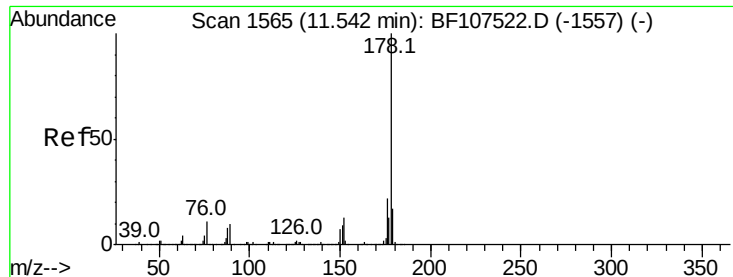
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BF107592.D
Acq: 23 Jul 2018 17:05

Tgt Ion:	188	Resp:	792289
Ion Ratio	Lower	Upper	
188	100		
94	9.1	8.5	12.7
80	9.8	9.2	13.8



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





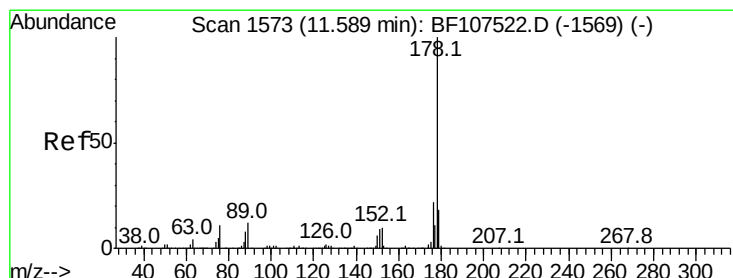
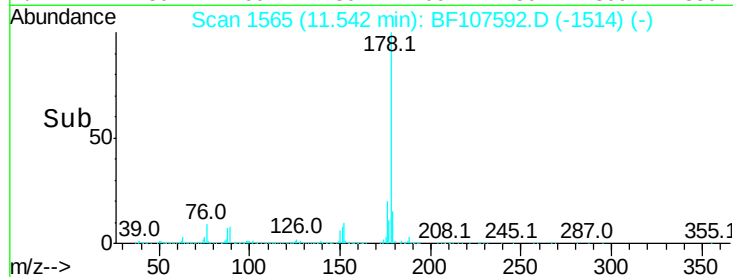
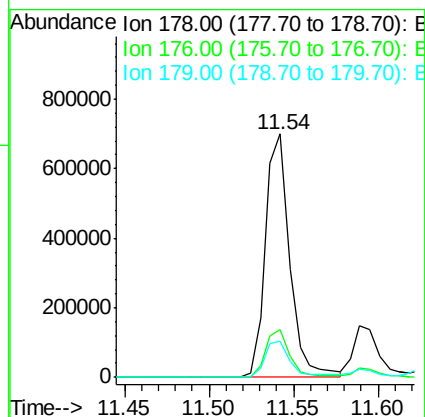
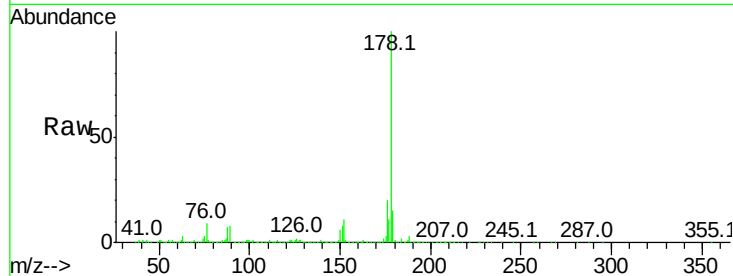
#70
Phenanthrene
Concen: 18.155 ng
RT: 11.54 min Scan# 1565
Delta R.T. 0.00 min
Lab File: BF107592.D
Acq: 23 Jul 2018 17:05

Instrument :
BNA_F
ClientSampleId :
SB8-12-0

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.1	13.0	19.6

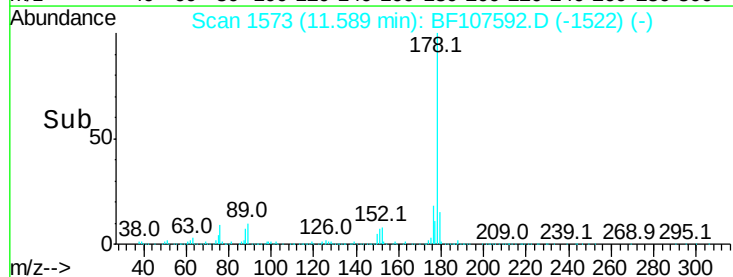
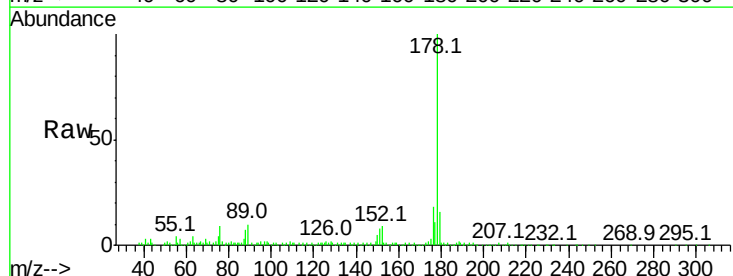
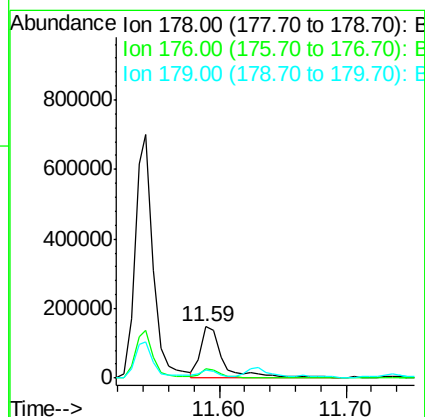
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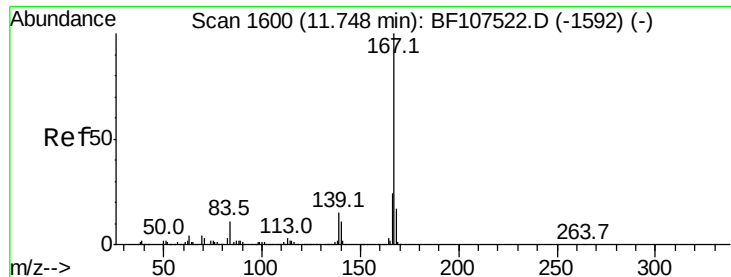
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#71
Anthracene
Concen: 4.503 ng
RT: 11.59 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF107592.D
Acq: 23 Jul 2018 17:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.4	23.2
179	15.5	12.6	19.0





#72

Carbazole

Concen: 2.155 ng

RT: 11.75 min Scan# 1600

Delta R.T. 0.00 min

Lab File: BF107592.D

Acq: 23 Jul 2018 17:05

Instrument :

BNA_F

ClientSampled :

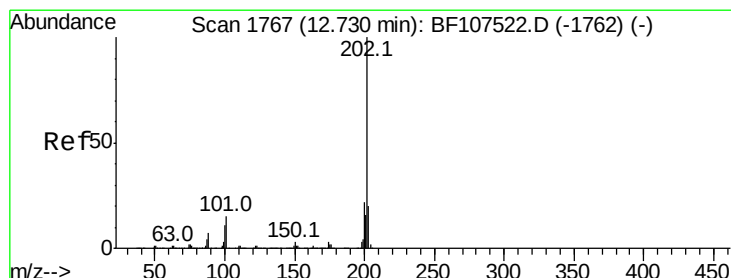
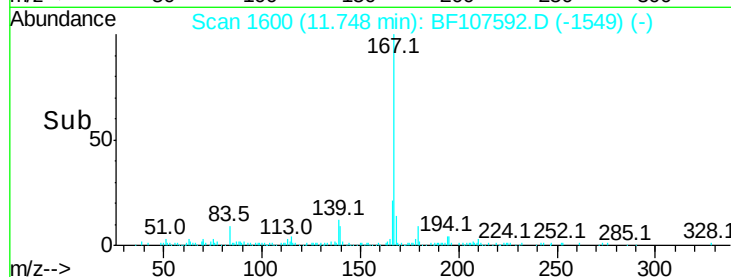
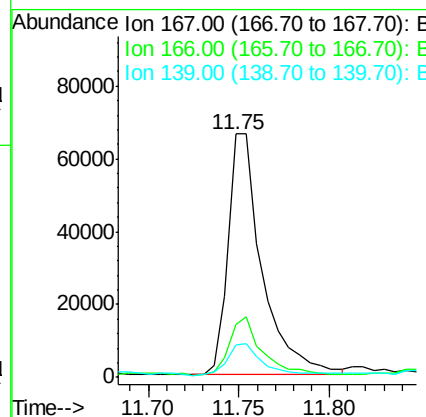
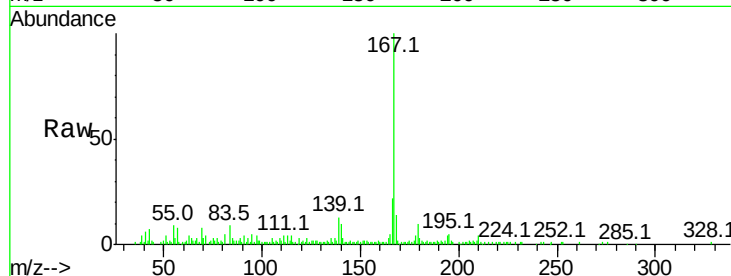
SB8-12-0

Tot Ion:	167	Resp:	87118
Ion Ratio	Lower	Upper	
167	100		
166	21.6	17.6	26.4
139	13.5	10.9	16.3

Manual Integrations
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#74

Fluoranthene

Concen: 34.122 ng

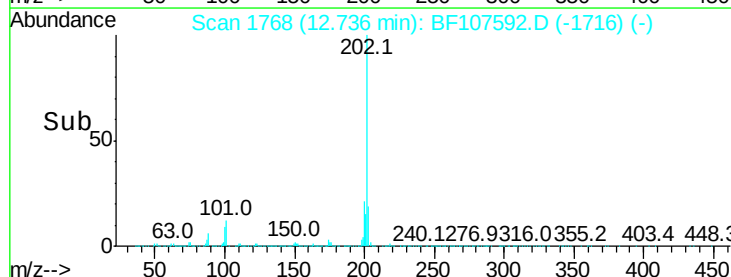
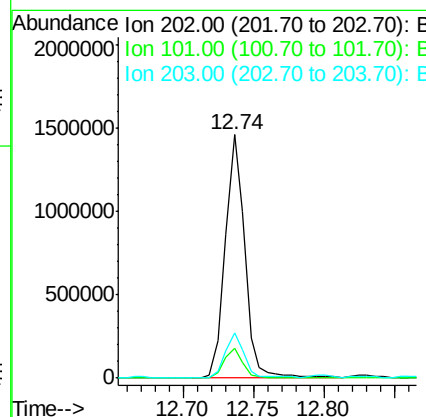
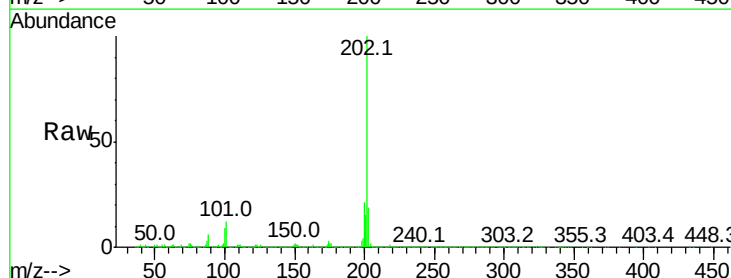
RT: 12.74 min Scan# 1768

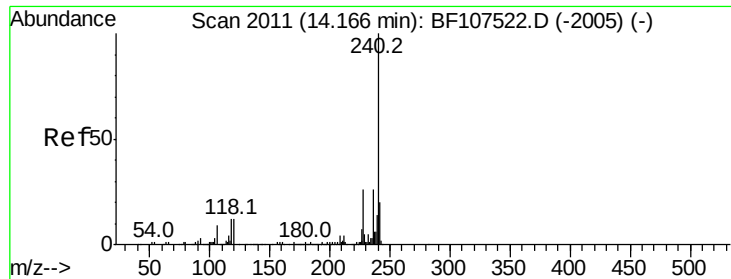
Delta R.T. 0.01 min

Lab File: BF107592.D

Acq: 23 Jul 2018 17:05

Tgt Ion:	202	Resp:	1413673
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	34.1
203	18.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF107592.D

Acq: 23 Jul 2018 17:05

Instrument :

BNA_F

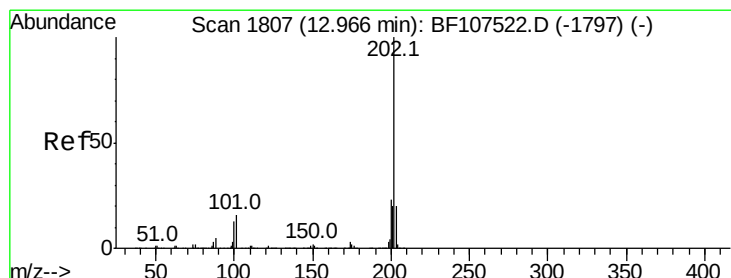
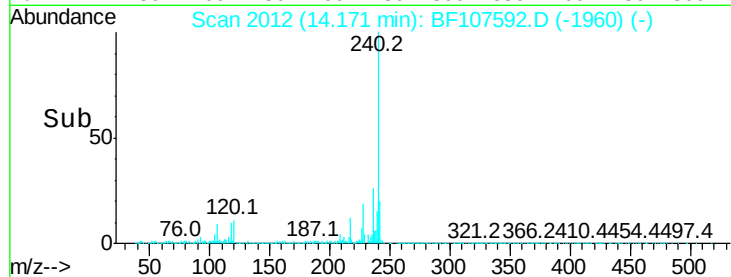
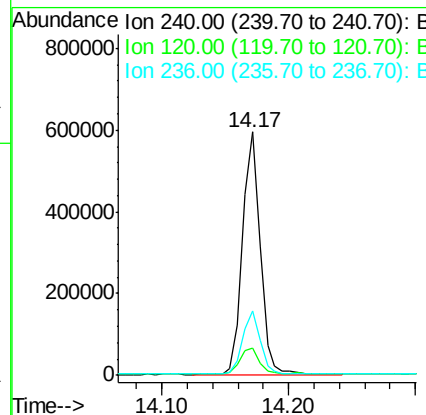
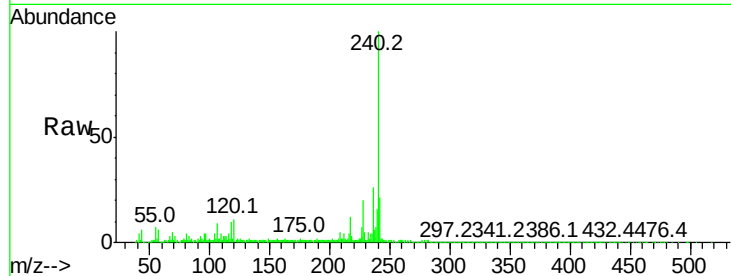
ClientSampleId :

SB8-12-0

Tot Ion:	240	Resp:	566122
Ion Ratio	Lower	Upper	
240	100		
120	11.1	9.5	14.3
236	26.4	20.7	31.1

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#77

Pyrene

Concen: 32.508 ng

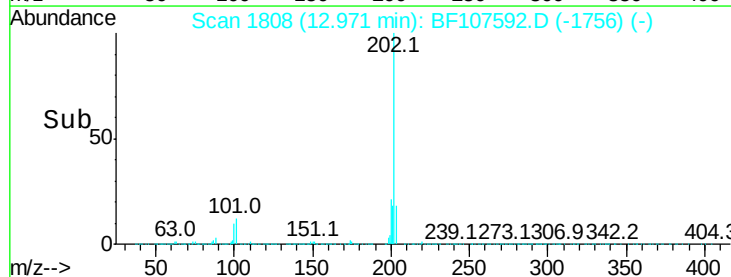
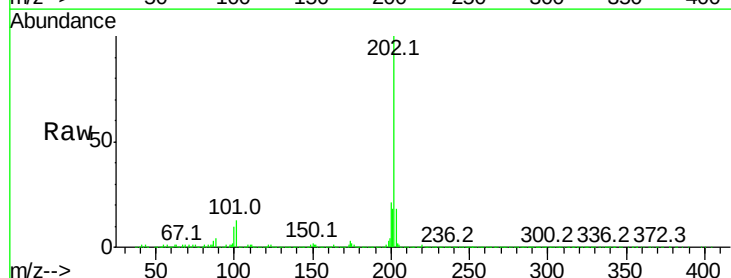
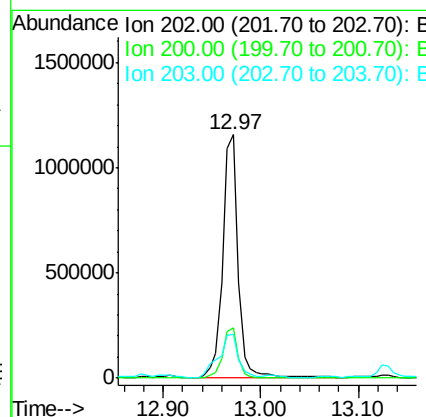
RT: 12.97 min Scan# 1808

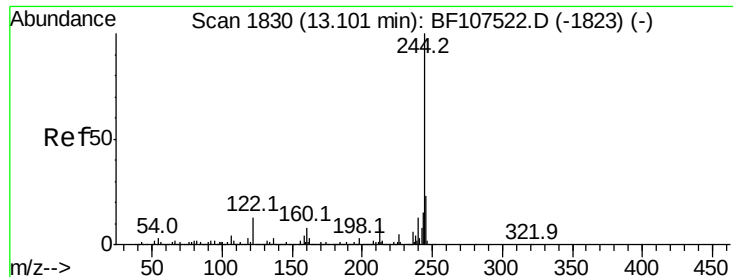
Delta R.T. 0.01 min

Lab File: BF107592.D

Acq: 23 Jul 2018 17:05

Tgt Ion:	202	Resp:	1258836
Ion Ratio	Lower	Upper	
202	100		
200	20.5	17.4	26.2
203	18.3	14.3	21.5





#78

Terphenyl-d14

Concen: 42.764 ng

RT: 13.10 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF107592.D

Acq: 23 Jul 2018 17:05

Instrument :

BNA_F

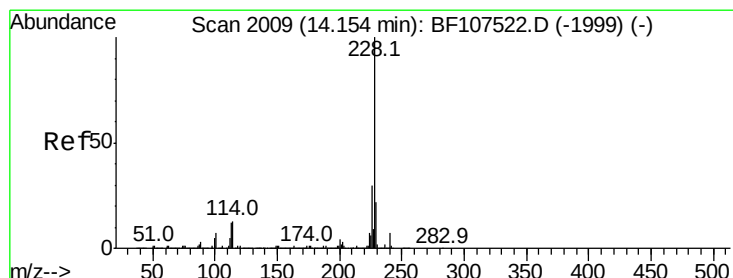
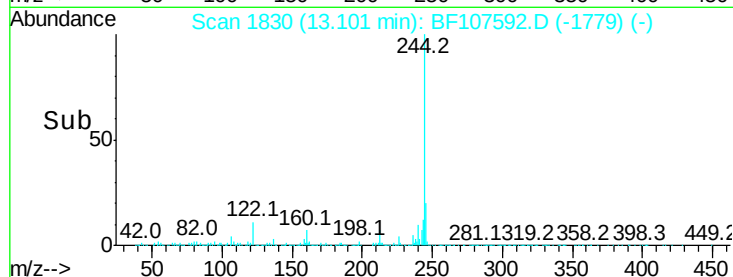
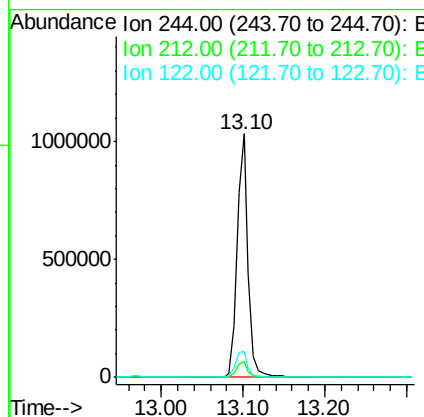
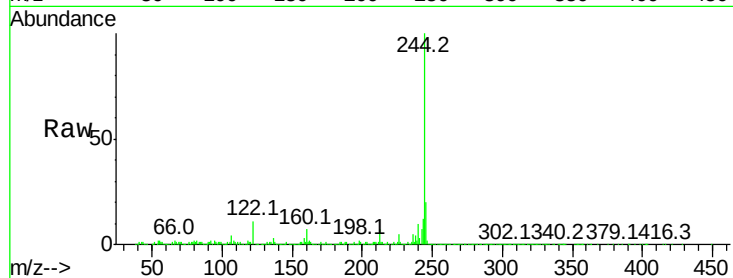
ClientSampled :

SB8-12-0

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	10.8	11.0	16.4

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#80

Benzo(a)anthracene

Concen: 16.140 ng

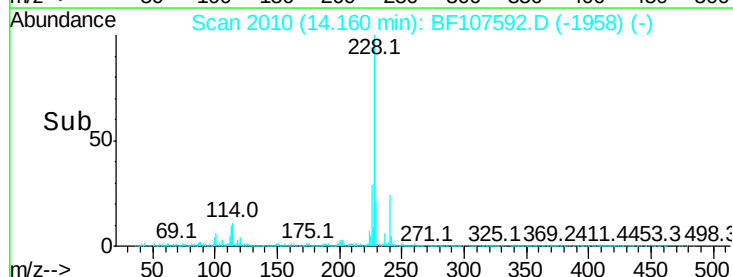
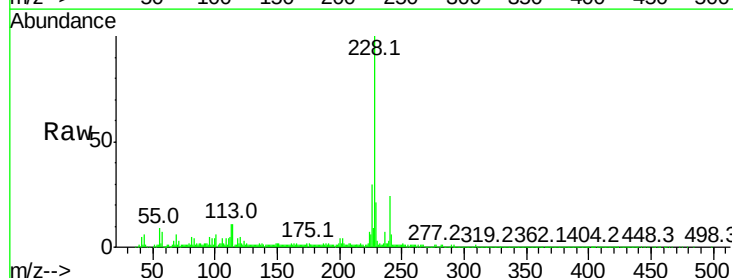
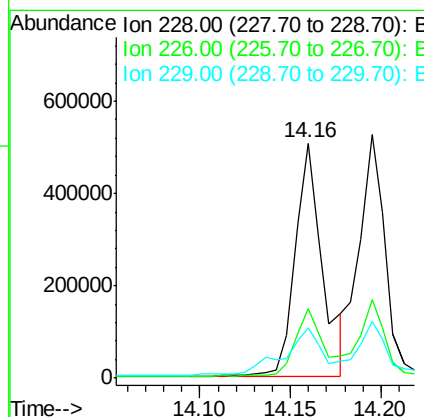
RT: 14.16 min Scan# 2010

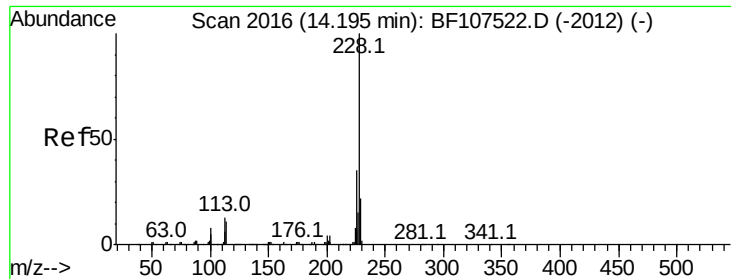
Delta R.T. 0.01 min

Lab File: BF107592.D

Acq: 23 Jul 2018 17:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.6	33.8
229	21.5	15.8	23.6





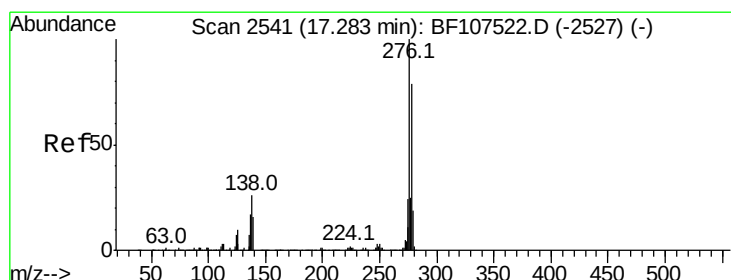
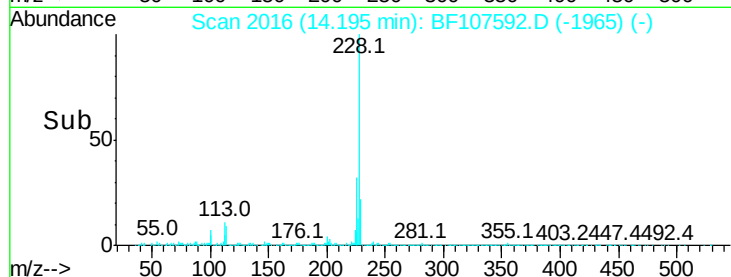
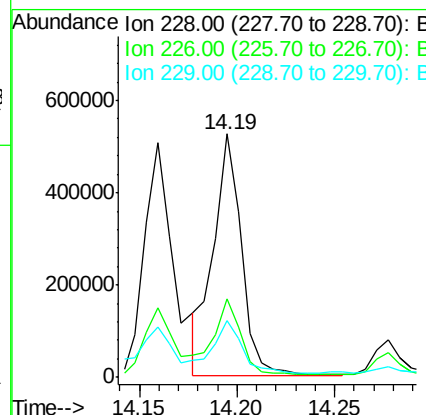
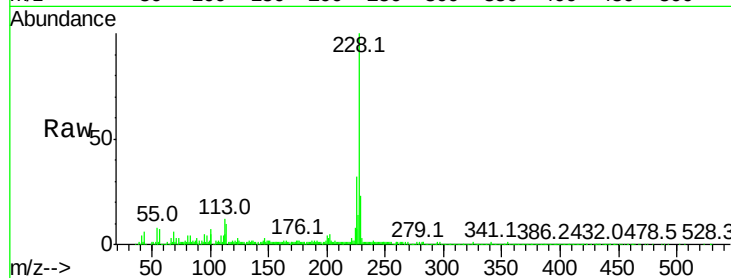
#82
Chrysene
Concen: 16.565 ng
RT: 14.19 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BF107592.D
Acq: 23 Jul 2018 17:05

Instrument :
BNA_F
ClientSampleId :
SB8-12-0

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.0	37.6
229	23.1	16.2	24.4

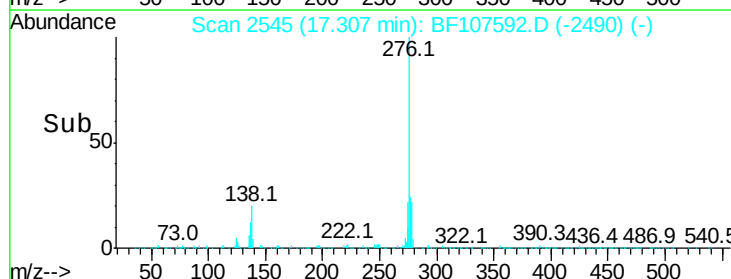
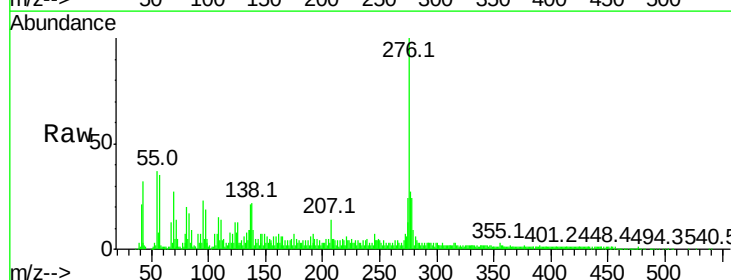
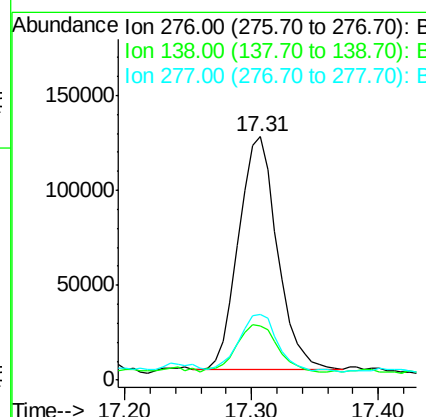
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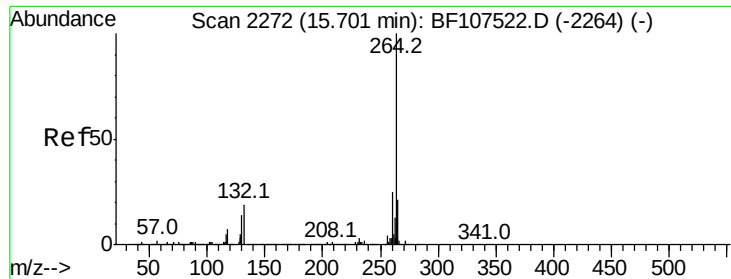
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#85
Indeno(1,2,3-cd)pyrene
Concen: 9.617 ng
RT: 17.31 min Scan# 2545
Delta R.T. 0.02 min
Lab File: BF107592.D
Acq: 23 Jul 2018 17:05

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.6	25.0	37.6#
277	23.6	20.1	30.1





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.72 min Scan# 2275

Delta R.T. 0.02 min

Lab File: BF107592.D

Acq: 23 Jul 2018 17:05

Instrument :

BNA_F

ClientSampled :

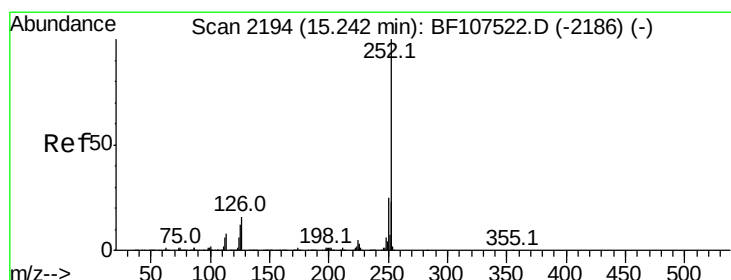
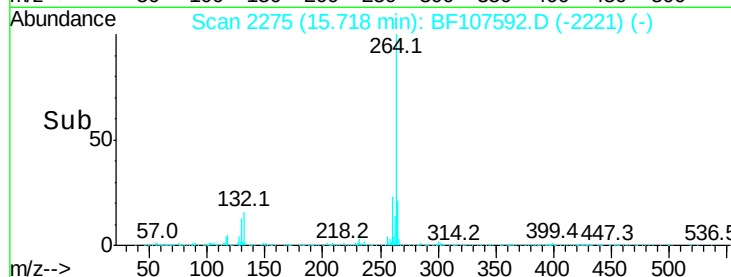
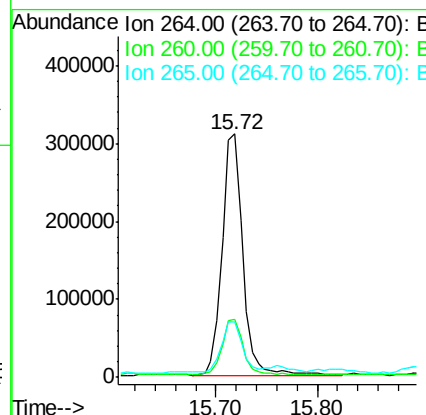
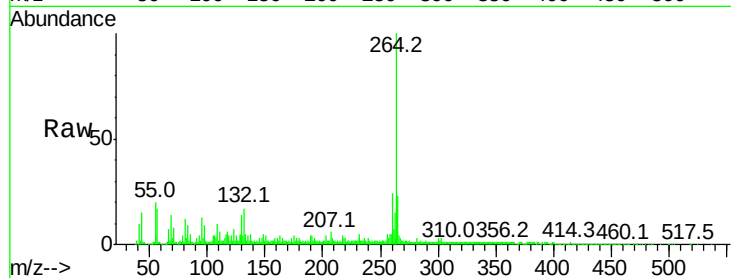
SB8-12-0

Tot Ion:	264	Resp:	438084
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.2	28.8
265	22.8	17.5	26.3

Manual Integrations
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#87

Benzo(b)fluoranthene

Concen: 23.776 ng m

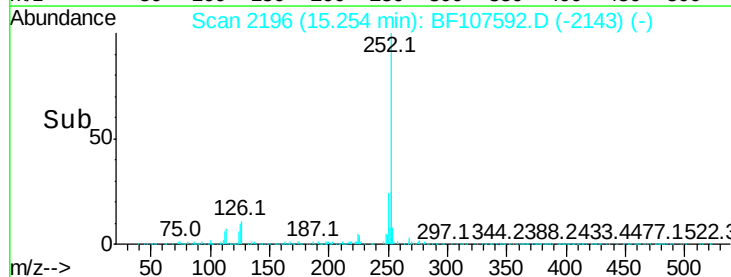
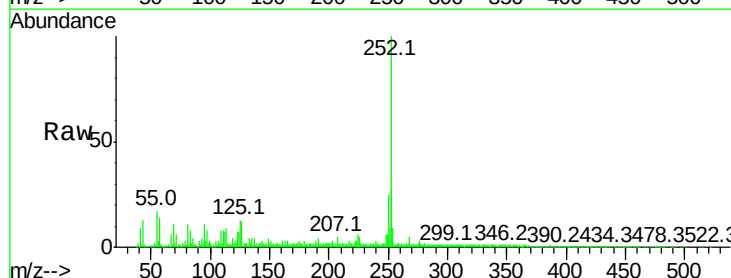
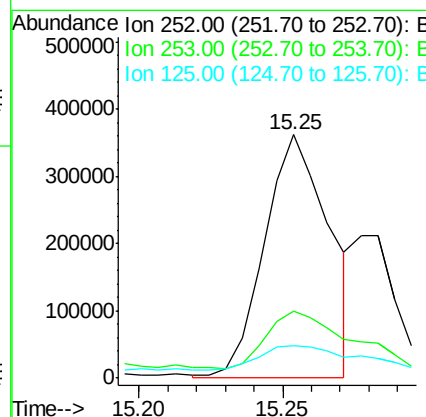
RT: 15.25 min Scan# 2196

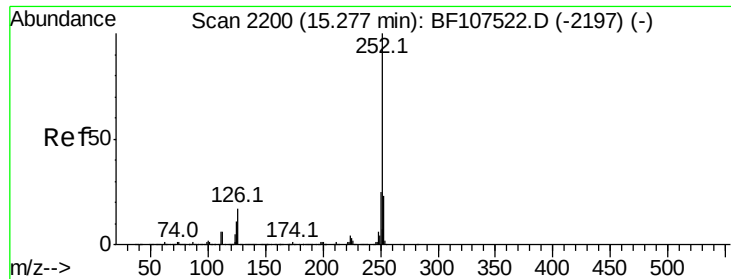
Delta R.T. 0.01 min

Lab File: BF107592.D

Acq: 23 Jul 2018 17:05

Tgt Ion:	252	Resp:	570046
Ion Ratio	Lower	Upper	
252	100		
253	27.5	17.0	25.6#
125	13.4	9.0	13.6





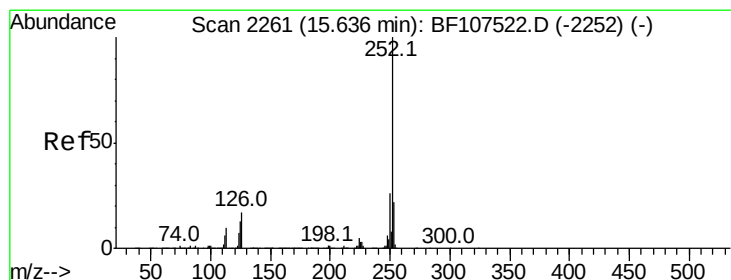
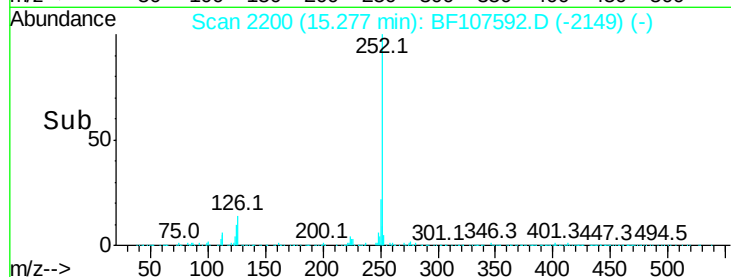
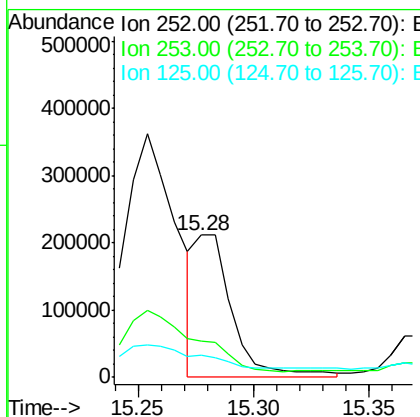
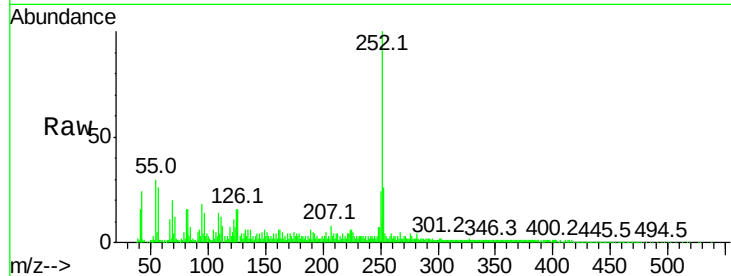
#88
Benzo(k)fluoranthene
Concen: 9.909 ng m
RT: 15.28 min Scan# 2200
Delta R.T. 0.00 min
Lab File: BF107592.D
Acq: 23 Jul 2018 17:05

Instrument :
BNA_F
ClientSampled :
SB8-12-0

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.9	26.9
125	15.8	10.2	15.2

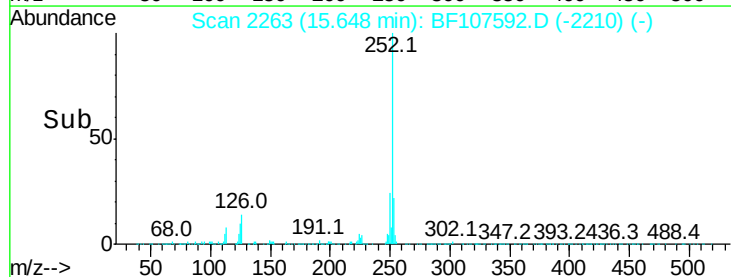
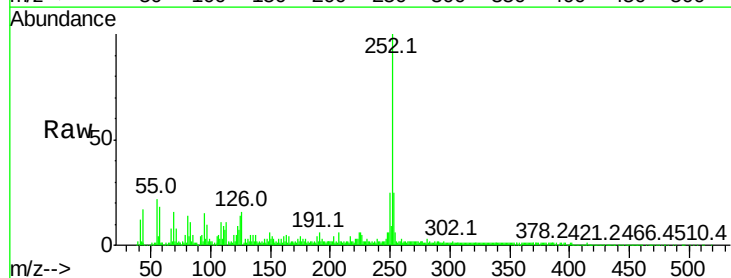
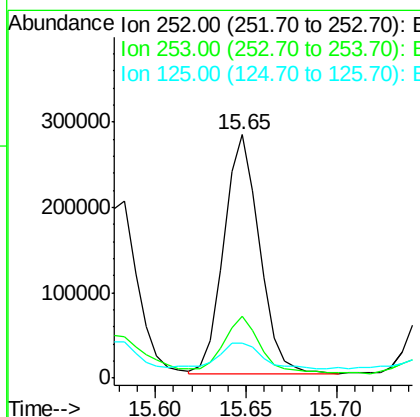
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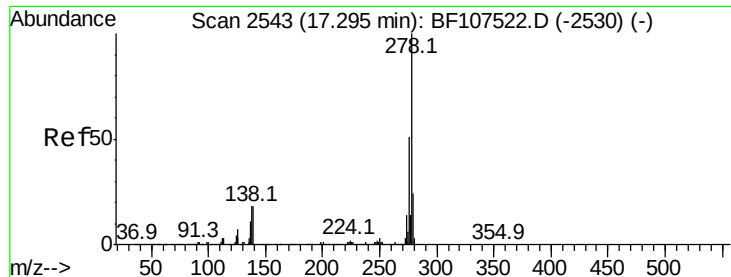
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#89
Benzo(a)pyrene
Concen: 17.657 ng
RT: 15.65 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF107592.D
Acq: 23 Jul 2018 17:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.1	25.7
125	14.1	9.8	14.6





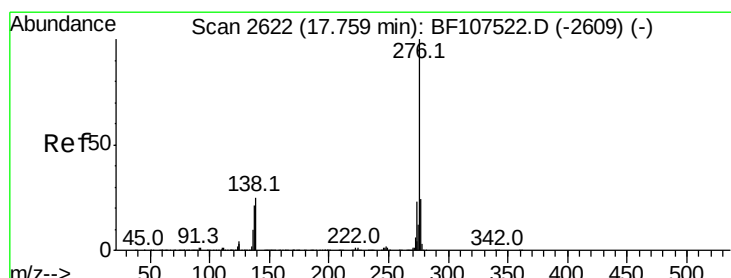
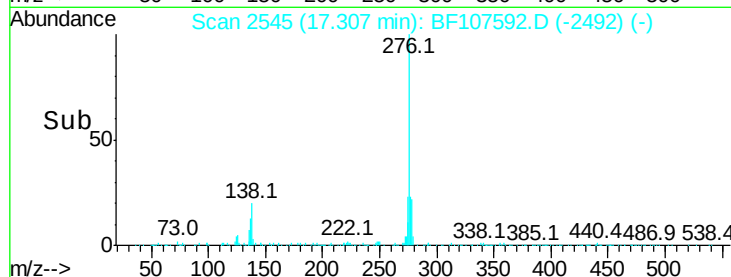
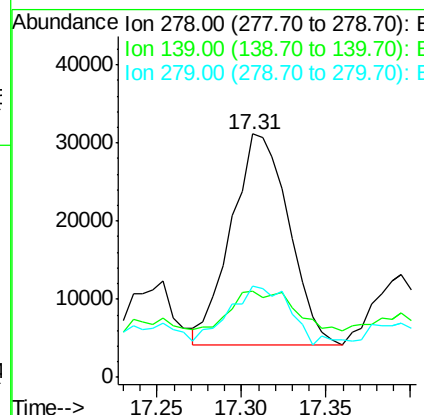
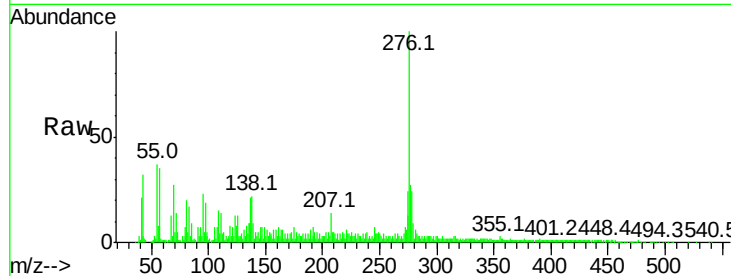
#90
Dibenzo(a,h)anthracene
Concen: 3.357 ng
RT: 17.31 min Scan# 2545
Delta R.T. 0.01 min
Lab File: BF107592.D
Acq: 23 Jul 2018 17:05

Instrument :
BNA_F
ClientSampled :
SB8-12-0

Tot Ion	Ratio	Lower	Upper
278	100		
139	35.4	15.9	23.9#
279	37.5	19.0	28.4#

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 14.244 ng
RT: 17.79 min Scan# 2628
Delta R.T. 0.04 min
Lab File: BF107592.D
Acq: 23 Jul 2018 17:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.7	17.9	26.9
138	21.9	21.8	32.8

