

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072418\
 Data File : BF107643.D
 Acq On : 25 Jul 2018 3:58
 Operator : JU/SJ
 Sample : J4120-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ST-3

Manual Integrations
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Sohil
 7/25/2018 12:58:46 PM

Quant Time: Jul 25 08:32:16 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	6.97	152	256803	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	959755	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	367171	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	629947	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	486674	20.00	ng	-0.01
86) Perylene-d12	15.68	264	377271	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1421707	89.01	ng	0.00
7) Phenol-d6	6.60	99	1728651	90.13	ng	-0.01
23) Nitrobenzene-d5	7.53	82	1050993	73.90	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	354060	84.80	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	1698600	77.26	ng	-0.01
78) Terphenyl-d14	13.09	244	1387670	73.00	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.71	163	100758	3.641	ng	99
70) Phenanthrene	11.52	178	156680	5.104	ng	98
74) Fluoranthene	12.72	202	160878	4.884	ng	94
77) Pyrene	12.95	202	202871	6.094	ng	96
80) Benzo(a)anthracene	14.14	228	77311m	2.711	ng	
82) Chrysene	14.18	228	77619	2.833	ng	95
87) Benzo(b)fluoranthene	15.23	252	48465m	2.347	ng	
89) Benzo(a)pyrene	15.62	252	41552	2.200	ng	94

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

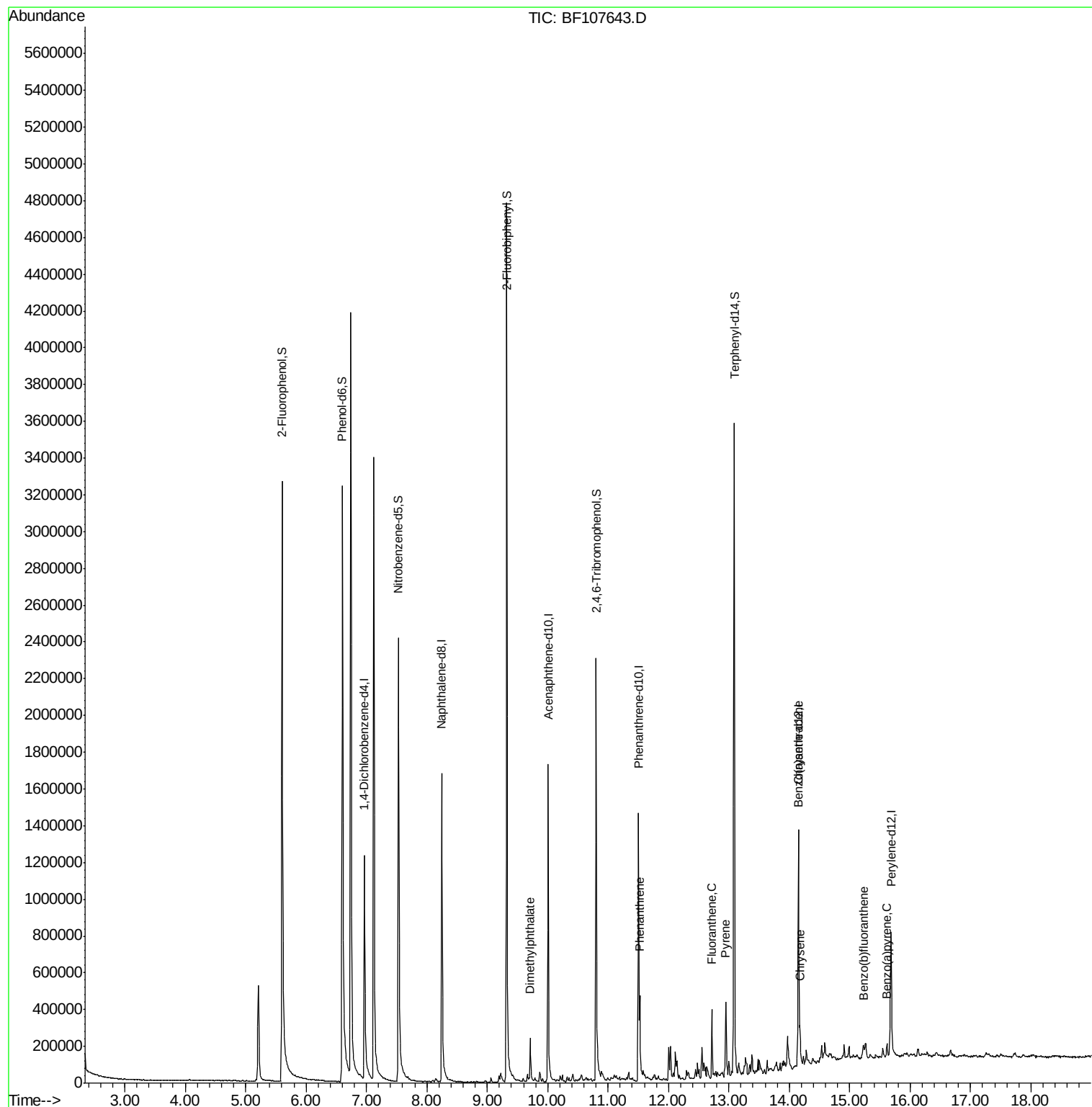
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072418\
Data File : BF107643.D
Acq On : 25 Jul 2018 3:58
Operator : JU/SJ
Sample : J4120-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

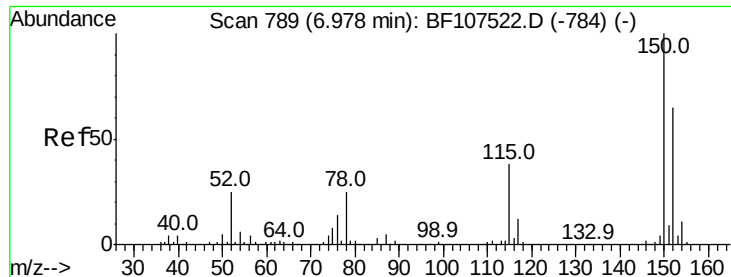
Instrument :
BNA_F
ClientSampleId :
ST-3

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Quant Time: Jul 25 08:32:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

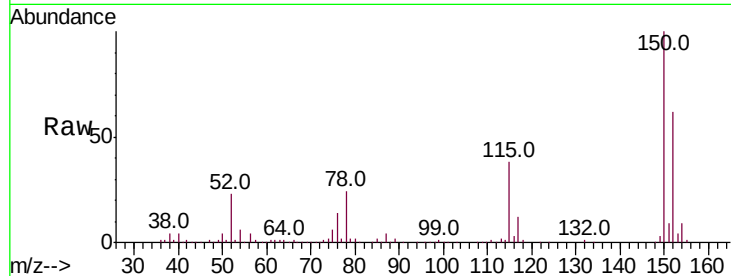
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107643.D
Acq: 25 Jul 2018 3:58

Instrument :
BNA_F
ClientSampled :
ST-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.3	124.6	186.8
115	61.1	50.1	75.1

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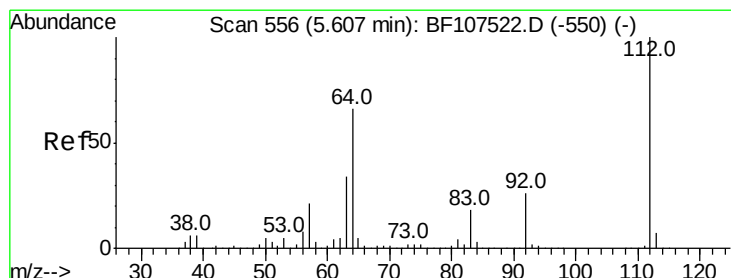
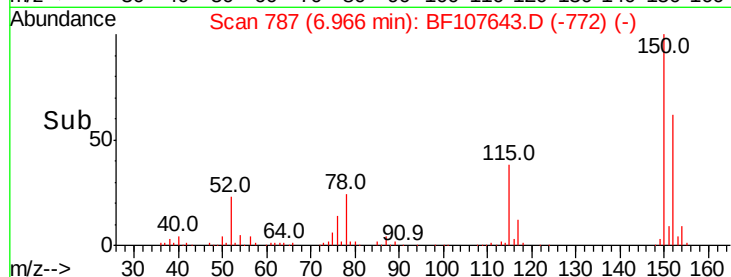
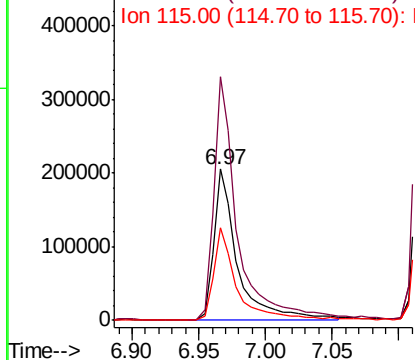


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

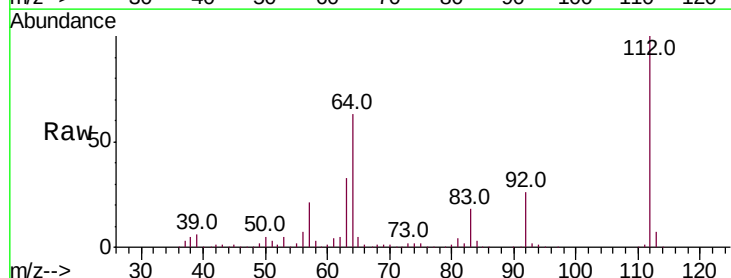
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 89.011 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF107643.D
Acq: 25 Jul 2018 3:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.2	47.9	71.9
63	32.6	23.7	35.5

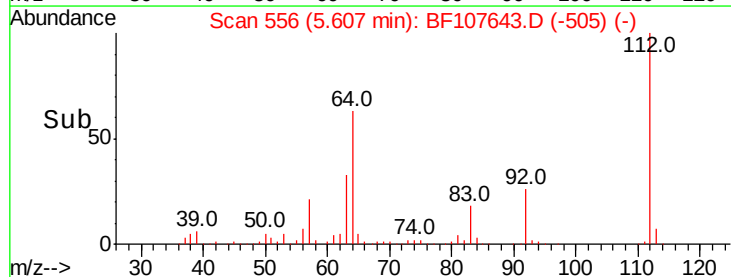
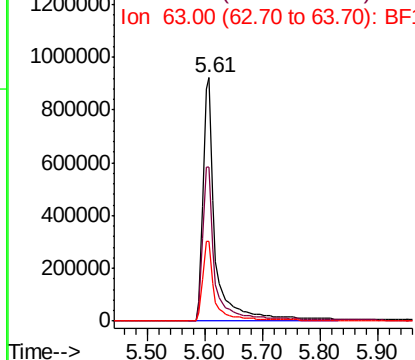


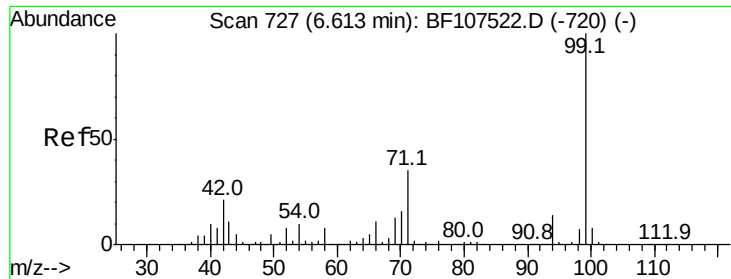
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 90.135 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107643.D

Acq: 25 Jul 2018 3:58

Instrument :

BNA_F

ClientSampled :

ST-3

Tot Ion: 99 Resp: 1728651

Ion Ratio Lower Upper

99 100

42 19.8 14.5 21.7

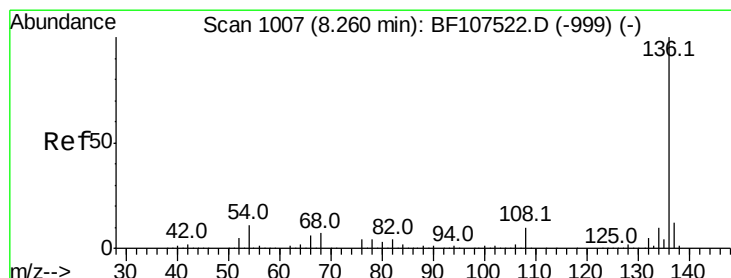
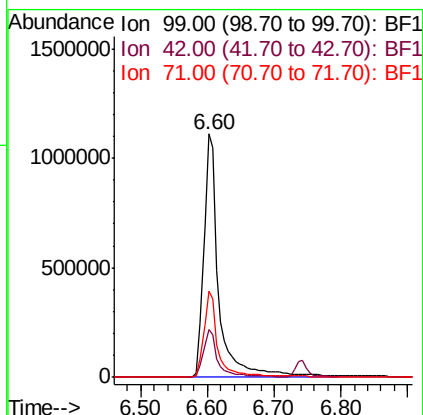
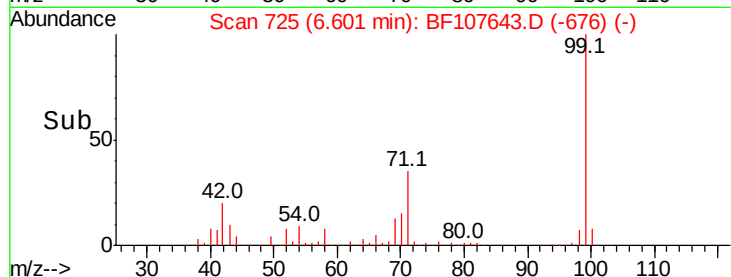
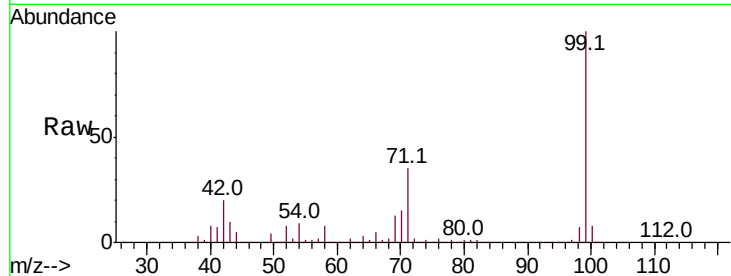
71 35.2 25.4 38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF107643.D

Acq: 25 Jul 2018 3:58

Tgt Ion: 136 Resp: 959755

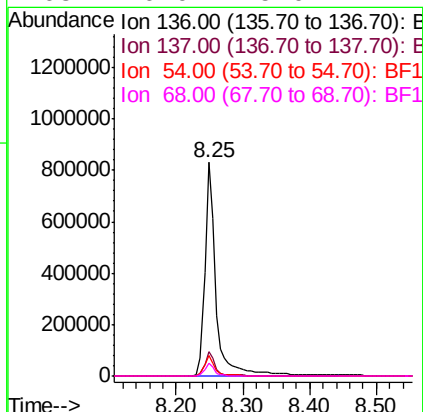
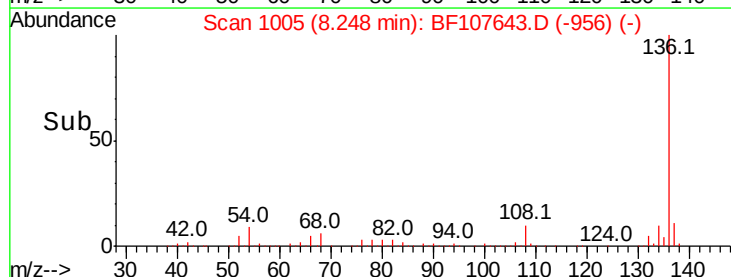
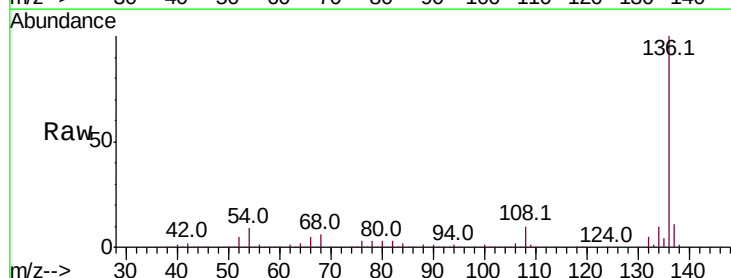
Ion Ratio Lower Upper

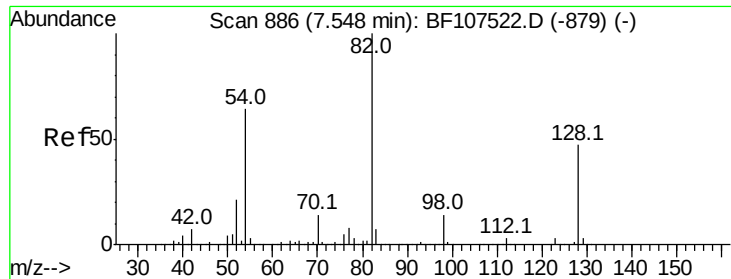
136 100

137 11.4 8.9 13.3

54 9.3 6.6 9.8

68 6.0 5.0 7.4





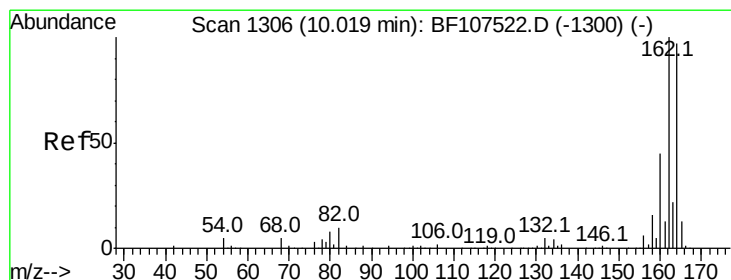
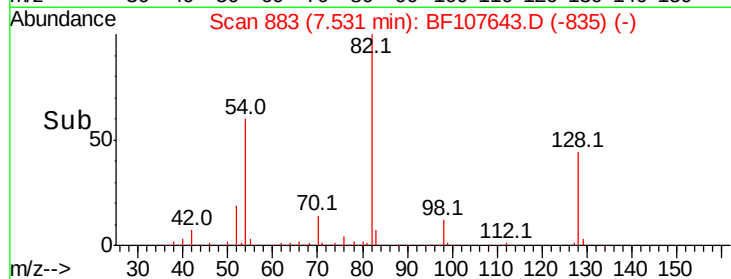
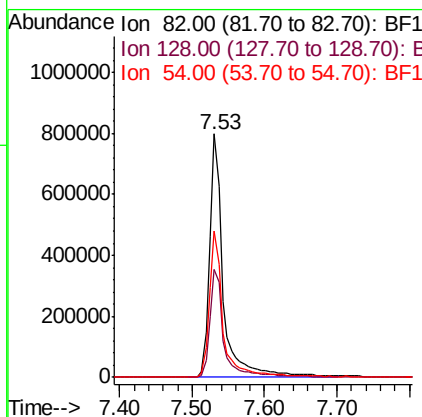
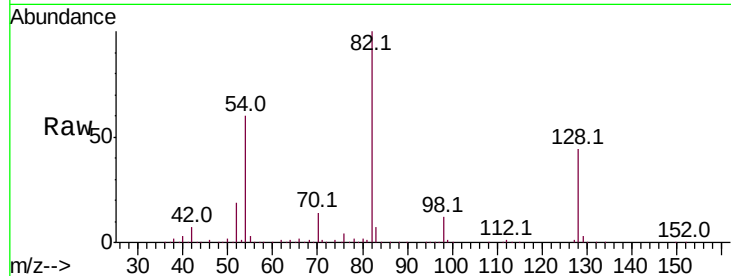
#23
Nitrobenzene-d5
Concen: 73.903 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF107643.D
Acq: 25 Jul 2018 3:58

Instrument :
BNA_F
ClientSampled :
ST-3

Tot Ion: 82 Resp: 1050993
Ion Ratio Lower Upper
82 100
128 44.4 36.1 54.1
54 59.8 41.4 62.2

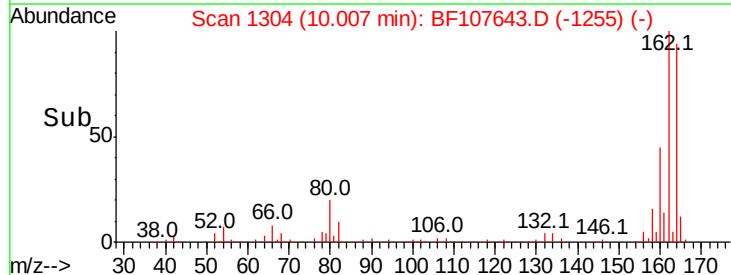
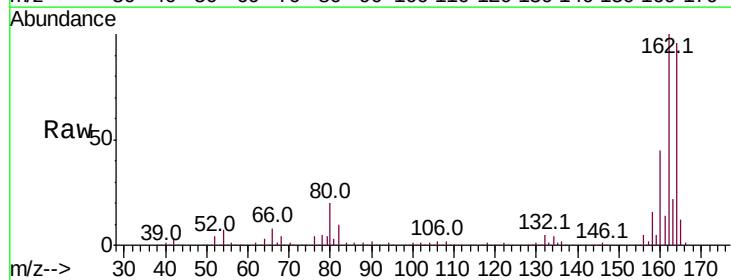
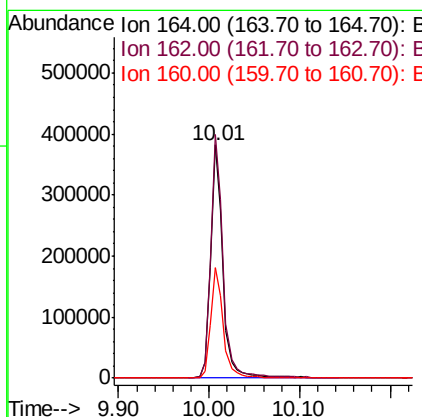
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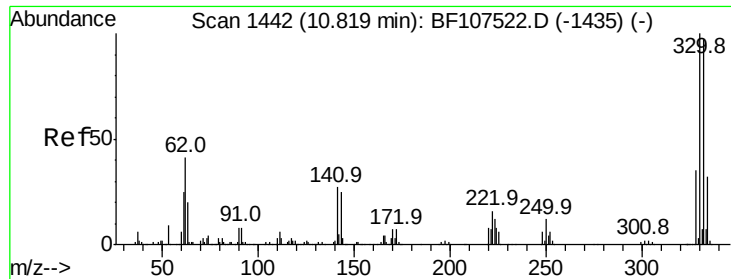
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF107643.D
Acq: 25 Jul 2018 3:58

Tgt Ion:164 Resp: 367171
Ion Ratio Lower Upper
164 100
162 104.4 86.1 129.1
160 47.3 38.3 57.5





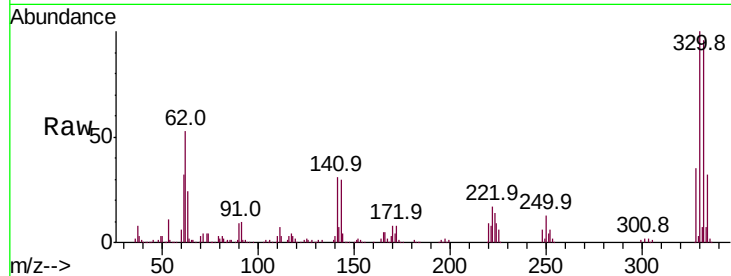
#41
 2,4,6-Tribromophenol
 Concen: 84.799 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF107643.D
 Acq: 25 Jul 2018 3:58

Instrument :
 BNA_F
 ClientSampled :
 ST-3

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.1	77.0	115.6	
141	29.2	29.9	44.9	

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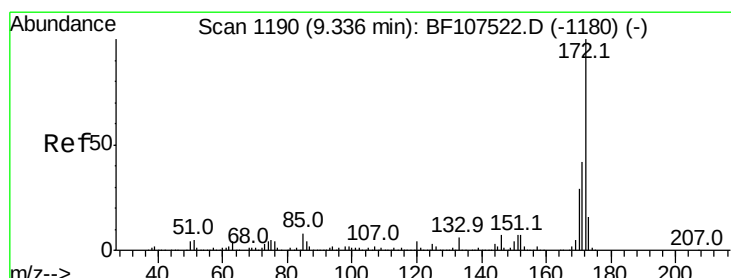
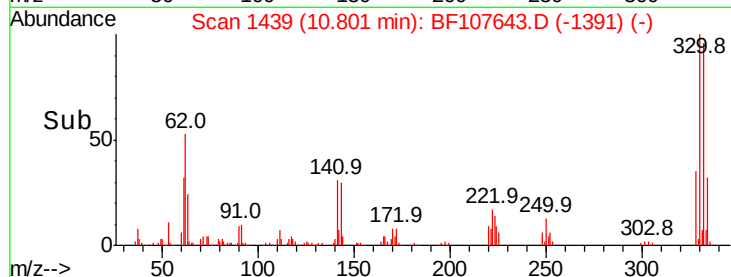
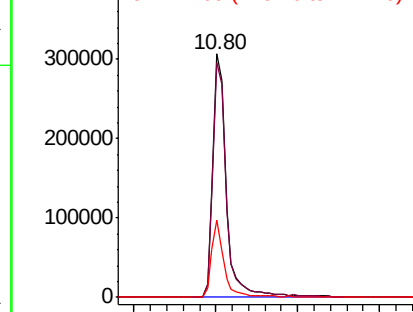


Abundance

Ion 329.80 (329.50 to 330.50): E

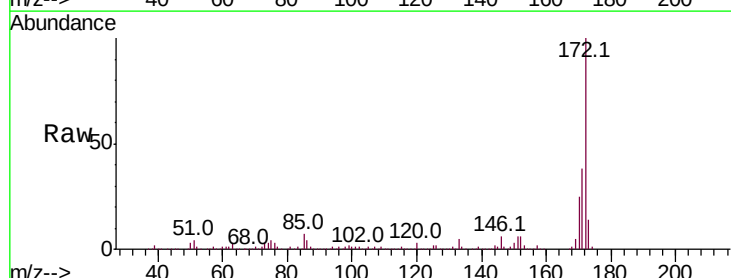
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 77.263 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF107643.D
 Acq: 25 Jul 2018 3:58

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	37.8	29.7	44.5	
170	25.3	19.6	29.4	

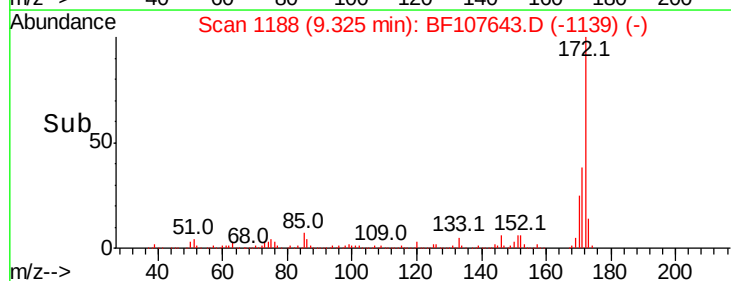
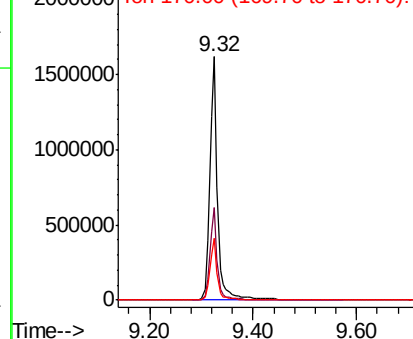


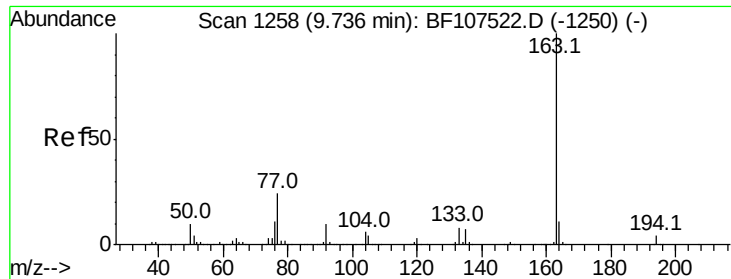
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





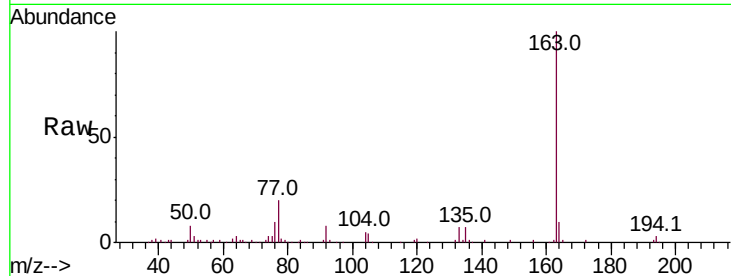
#49
Dimethylphthalate
Concen: 3.641 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF107643.D
Acq: 25 Jul 2018 3:58

Instrument :
BNA_F
ClientSampled :
ST-3

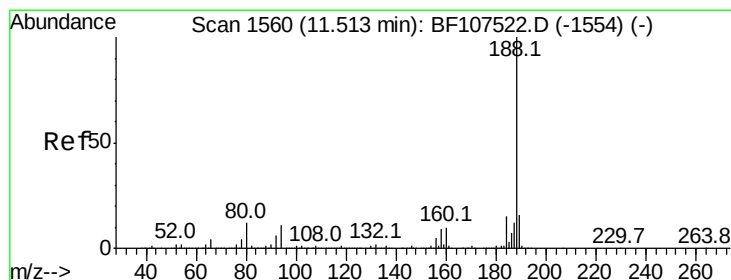
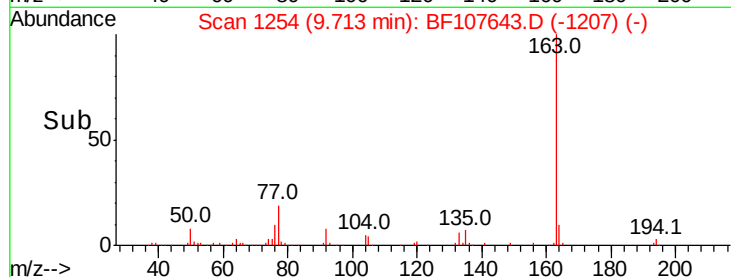
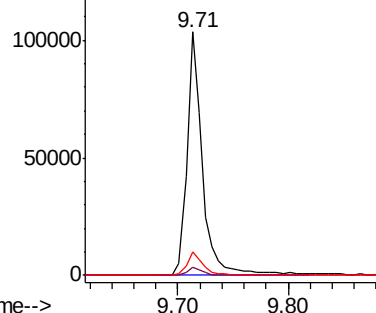
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.2		2.7	4.1
164	9.9		8.2	12.2

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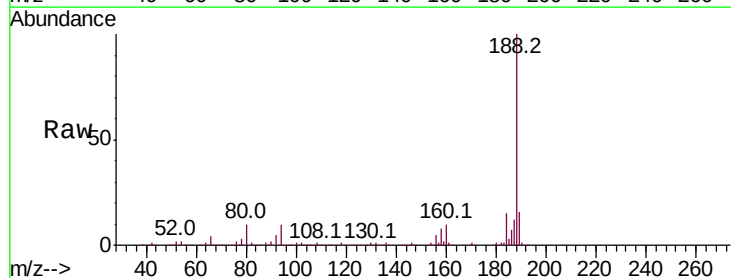


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

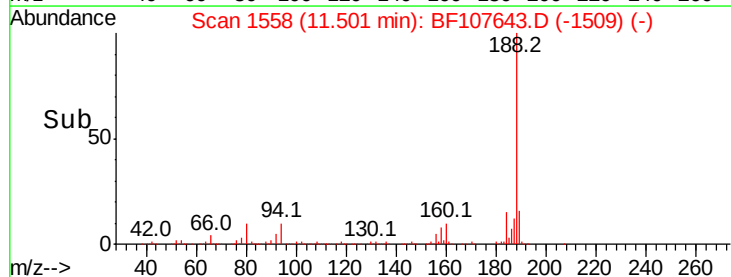
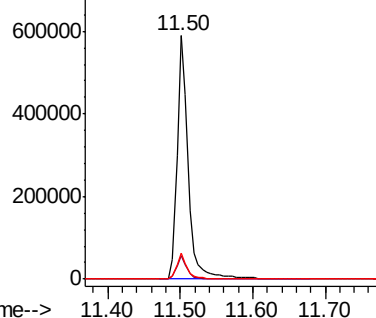


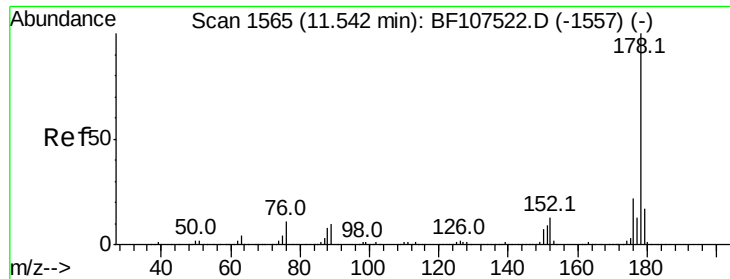
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF107643.D
Acq: 25 Jul 2018 3:58

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.6		8.5	12.7
80	10.5		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





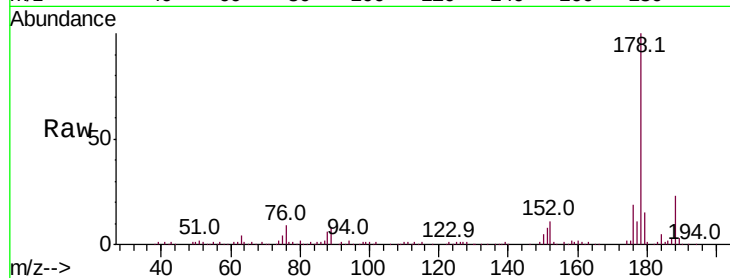
#70
Phenanthrene
Concen: 5.104 ng
RT: 11.52 min Scan# 1562
Delta R.T. -0.02 min
Lab File: BF107643.D
Acq: 25 Jul 2018 3:58

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	15.3	13.0	19.6

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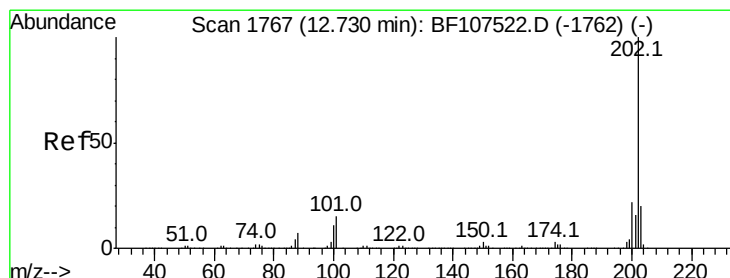
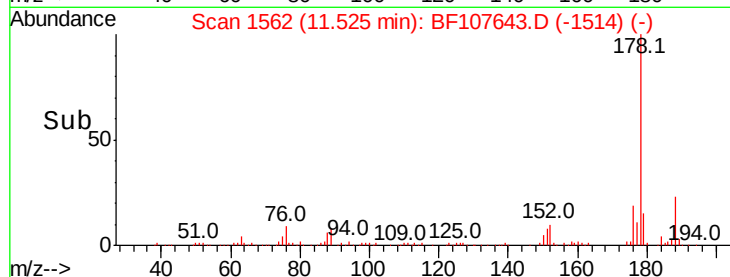
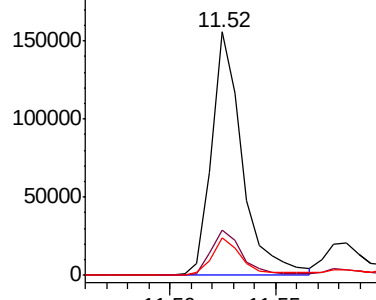


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74
Fluoranthene
Concen: 4.884 ng
RT: 12.72 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BF107643.D
Acq: 25 Jul 2018 3:58

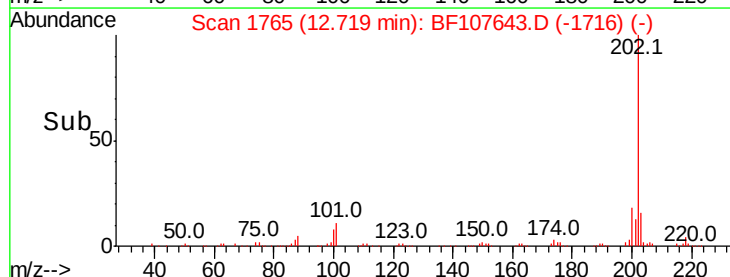
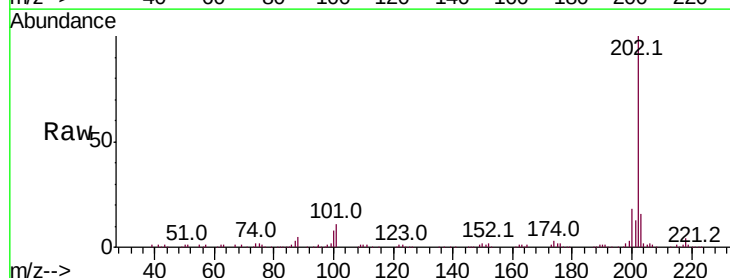
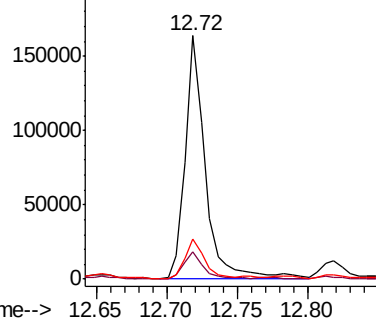
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	34.1
203	16.2	0.0	38.1

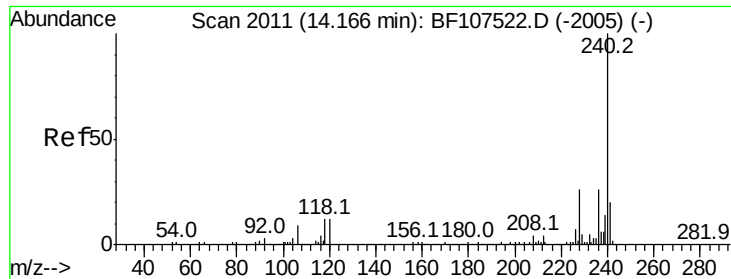
Abundance

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# 2009

Delta R.T. -0.01 min

Lab File: BF107643.D

Acq: 25 Jul 2018 3:58

Instrument :

BNA_F

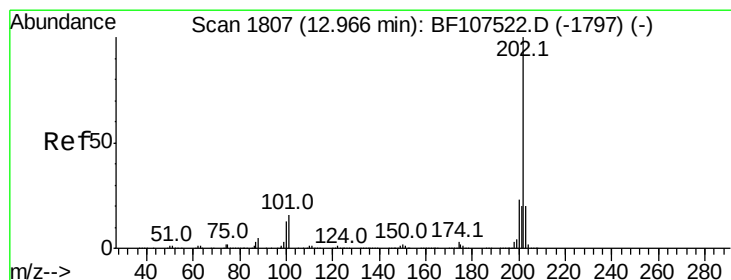
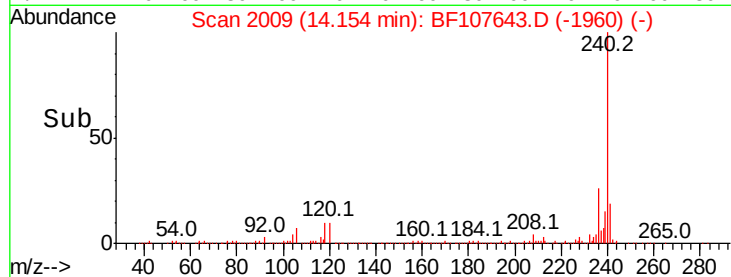
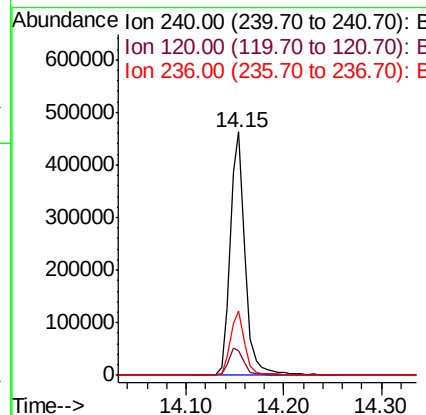
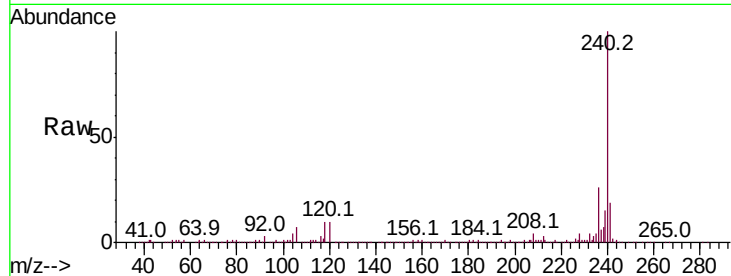
ClientSampleId :

ST-3

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	10.2	9.5	14.3	
236	26.3	20.7	31.1	

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#77

Pyrene

Concen: 6.094 ng

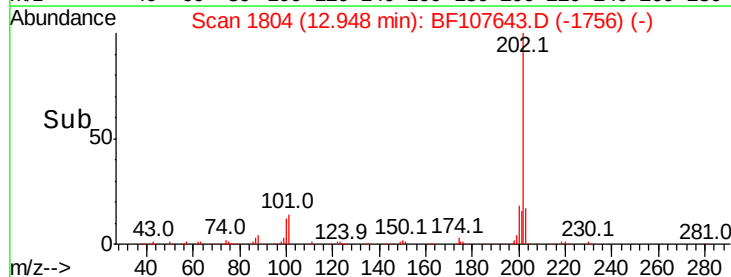
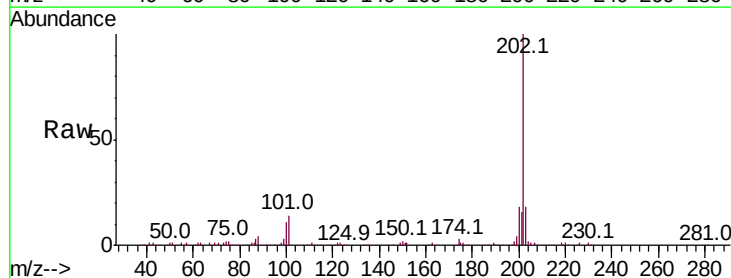
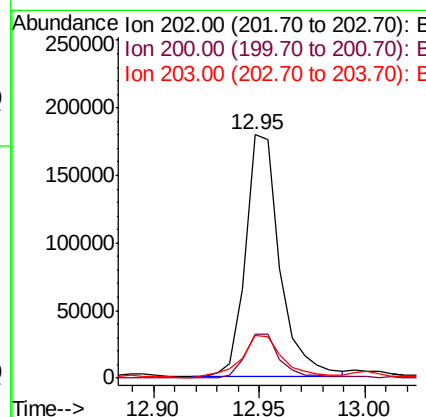
RT: 12.95 min Scan# 1804

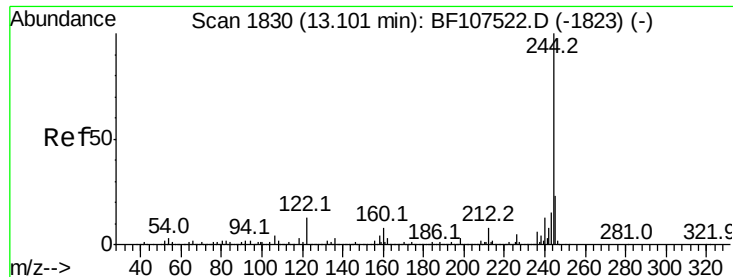
Delta R.T. -0.02 min

Lab File: BF107643.D

Acq: 25 Jul 2018 3:58

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	18.3	17.4	26.2	
203	17.7	14.3	21.5	





#78

Terphenyl-d14

Concen: 72.997 ng

RT: 13.09 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF107643.D

Acq: 25 Jul 2018 3:58

Instrument :

BNA_F

ClientSampleId :

ST-3

Tot Ion:244 Resp: 1387670

Ion Ratio Lower Upper

244 100

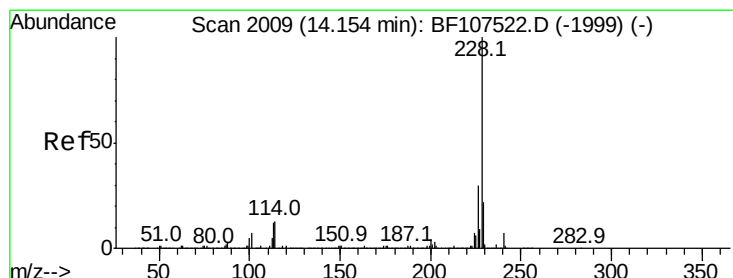
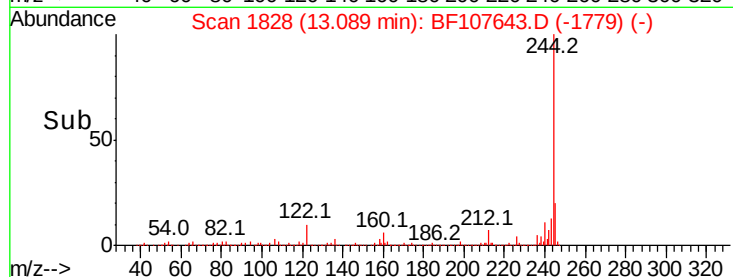
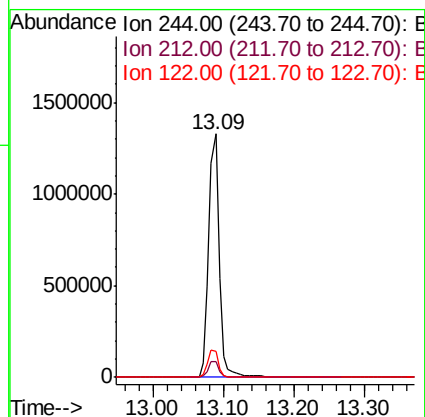
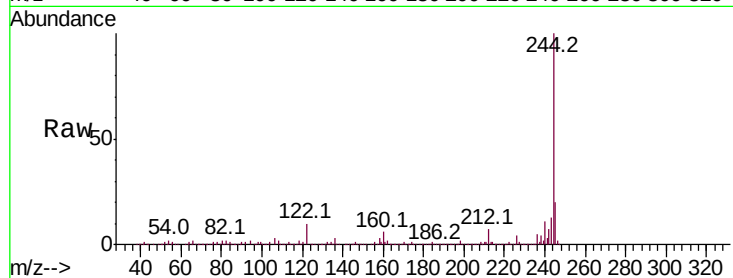
212 6.6 5.4 8.0

122 10.5 11.0 16.4#

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#80

Benzo(a)anthracene

Concen: 2.711 ng m

RT: 14.14 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF107643.D

Acq: 25 Jul 2018 3:58

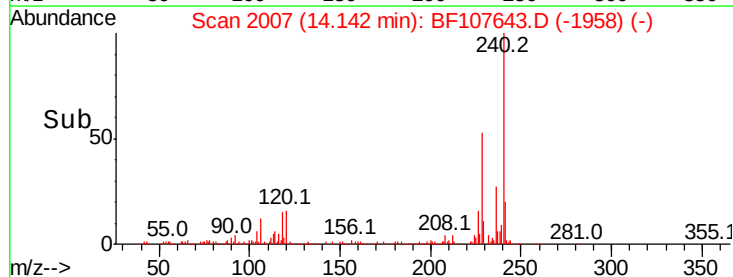
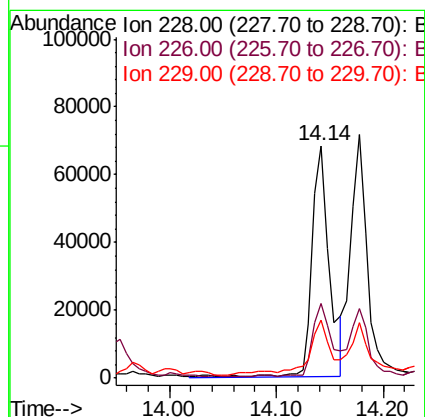
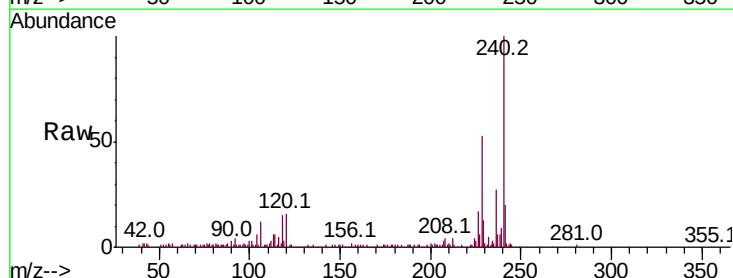
Tgt Ion:228 Resp: 77311

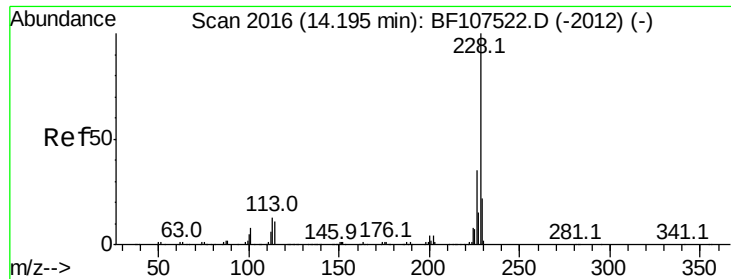
Ion Ratio Lower Upper

228 100

226 32.1 22.6 33.8

229 24.9 15.8 23.6#





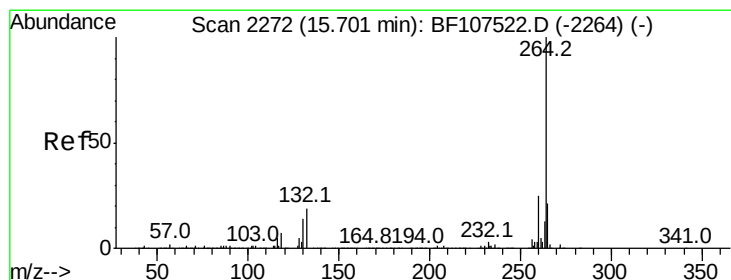
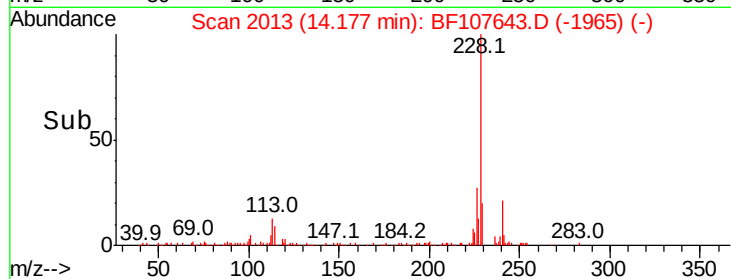
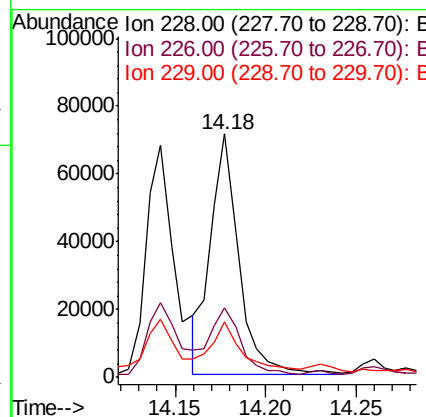
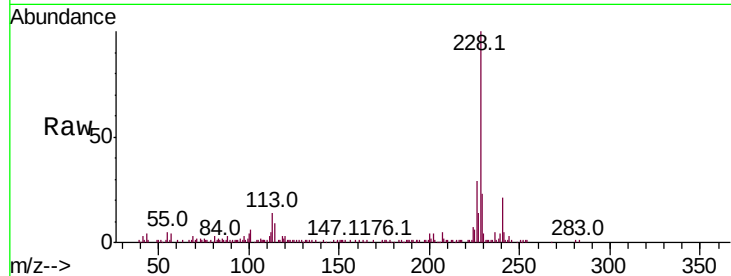
#82
Chrysene
Concen: 2.833 ng
RT: 14.18 min Scan# 2013
Delta R.T. -0.02 min
Lab File: BF107643.D
Acq: 25 Jul 2018 3:58

Instrument :
BNA_F
ClientSampled :
ST-3

Tot Ion:228	Resp:	77619
Ion Ratio	Lower	Upper
228 100		
226 28.5	25.0	37.6
229 22.7	16.2	24.4

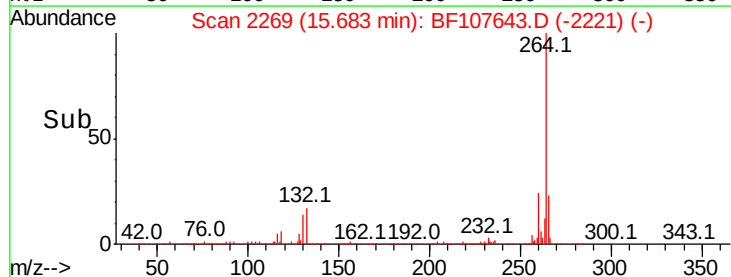
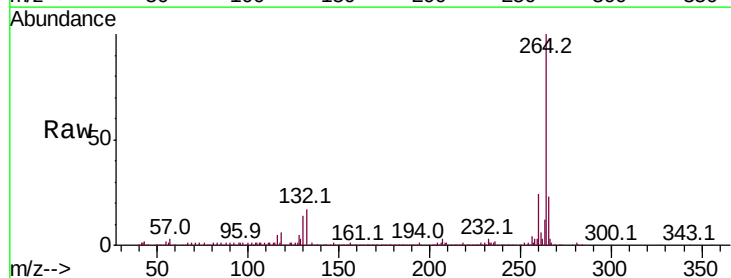
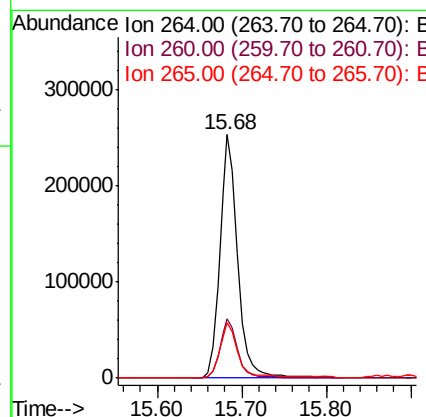
Manual Integrations
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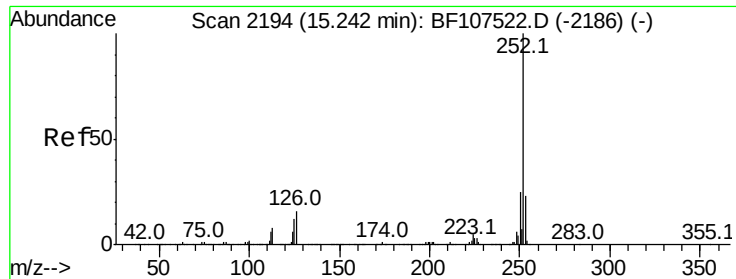
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF107643.D
Acq: 25 Jul 2018 3:58

Tgt Ion:264	Resp:	377271
Ion Ratio	Lower	Upper
264 100		
260 24.3	19.2	28.8
265 22.7	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 2.347 ng

RT: 15.23 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BF107643.D

Acq: 25 Jul 2018 3:58

Instrument :

BNA_F

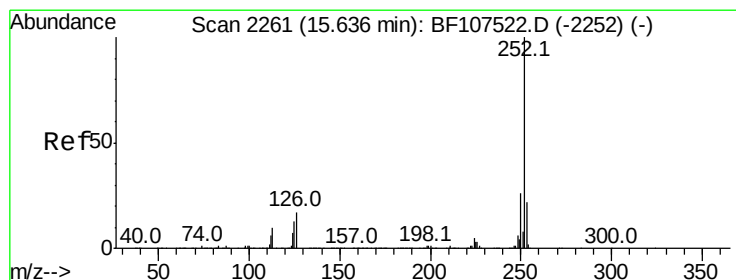
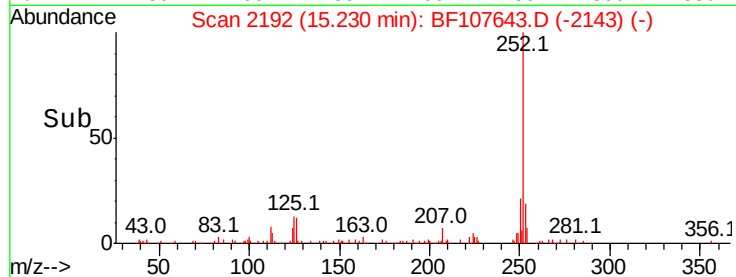
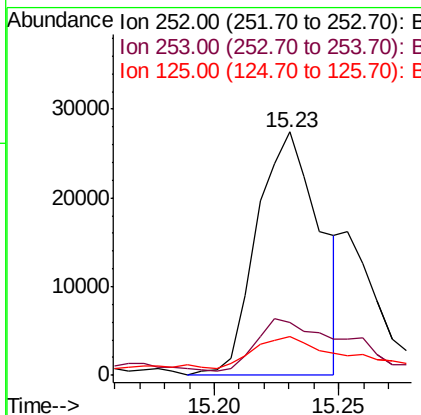
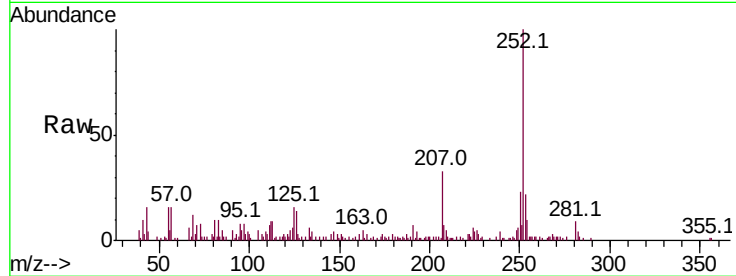
ClientSampled :

ST-3

Tot Ion:	252	Resp:	48465
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.0	25.6
125	16.0	9.0	13.6#

Manual Integrations
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Sohil
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#89

Benzo(a)pyrene

Concen: 2.200 ng

RT: 15.62 min Scan# 2258

Delta R.T. -0.02 min

Lab File: BF107643.D

Acq: 25 Jul 2018 3:58

Tgt Ion:	252	Resp:	41552
Ion Ratio	Lower	Upper	
252	100		
253	25.6	17.1	25.7
125	11.8	9.8	14.6

