

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072318\
 Data File : BF107582.D
 Acq On : 23 Jul 2018 12:37
 Operator : JU/SJ
 Sample : J3820-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-01-071918

Manual Integrations
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 7/24/2018 5:25:36 PM

Quant Time: Jul 23 14:38:16 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	349512	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	1357456	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	627983	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	1225927	20.00	ng	0.00
75) Chrysene-d12	14.16	240	777644	20.00	ng	0.00
86) Perylene-d12	15.69	264	832261	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	2054865	94.53	ng	0.00
7) Phenol-d6	6.61	99	2485608	95.23	ng	0.00
23) Nitrobenzene-d5	7.54	82	1639159	81.49	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	780683	109.32	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	2651171	68.46	ng	0.00
78) Terphenyl-d14	13.10	244	2315207	76.22	ng	0.00
Target Compounds						
10) Phenol	6.62	94	82923	2.701	ng	55
49) Dimethylphthalate	9.72	163	232675	4.916	ng	99
70) Phenanthrene	11.54	178	171763	2.875	ng	97
74) Fluoranthene	12.73	202	262990	4.102	ng	96
77) Pyrene	12.96	202	298199	5.606	ng	98
80) Benzo(a)anthracene	14.15	228	96925	2.127	ng	96
82) Chrysene	14.18	228	116587	2.663	ng	98
87) Benzo(b)fluoranthene	15.24	252	112796m	2.476	ng	
89) Benzo(a)pyrene	15.62	252	94351	2.265	ng	98

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

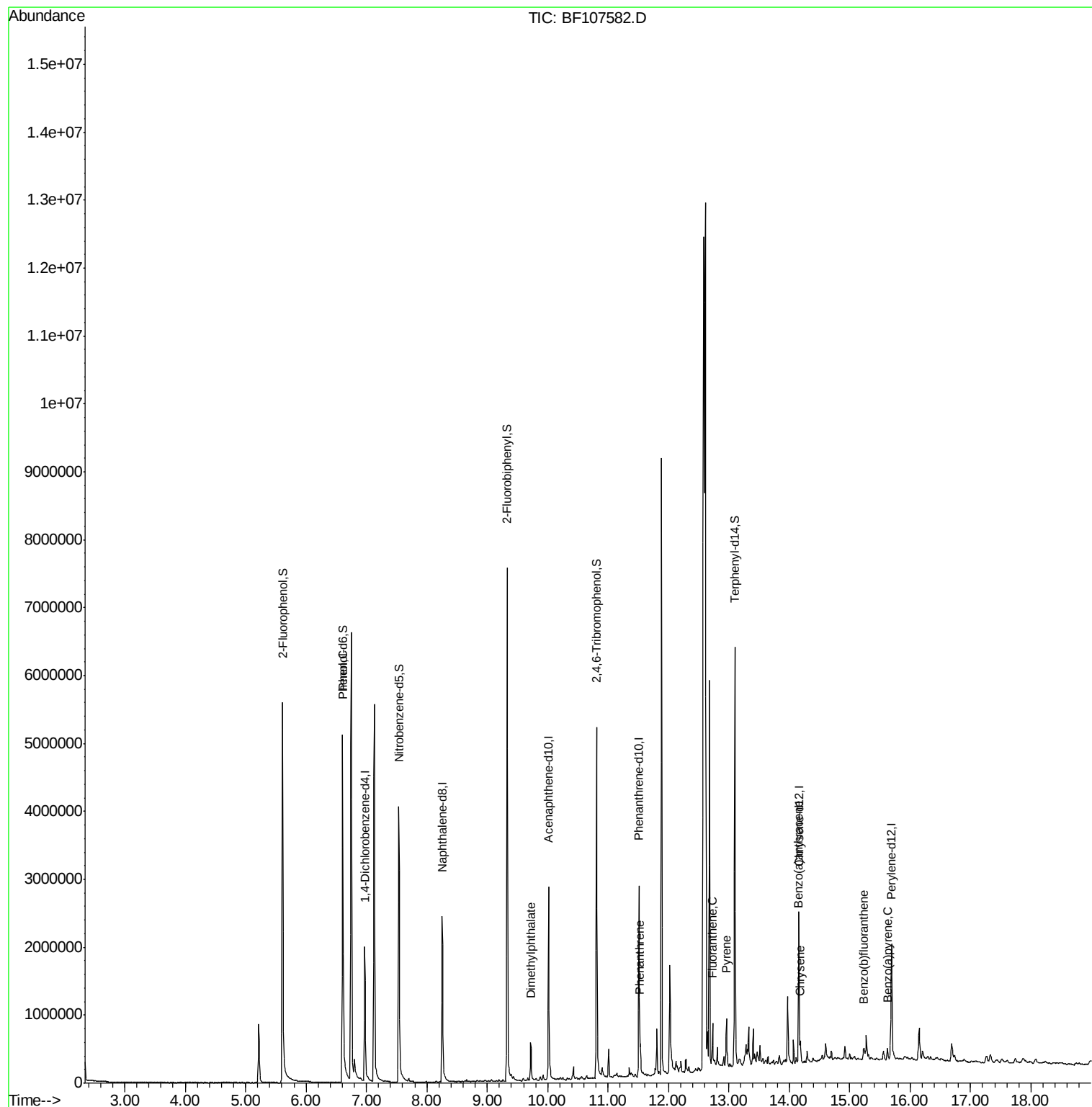
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072318\
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Misc :
ALS Vial : 4 Sample Multiplier: 1

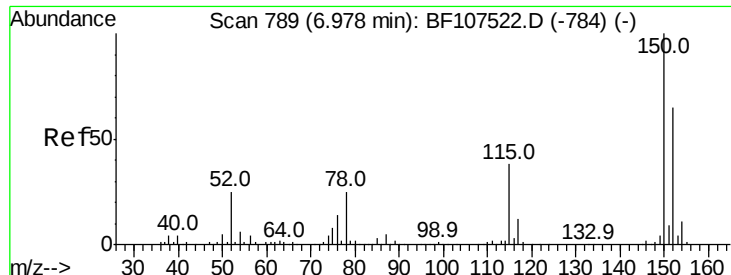
Instrument :
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#1

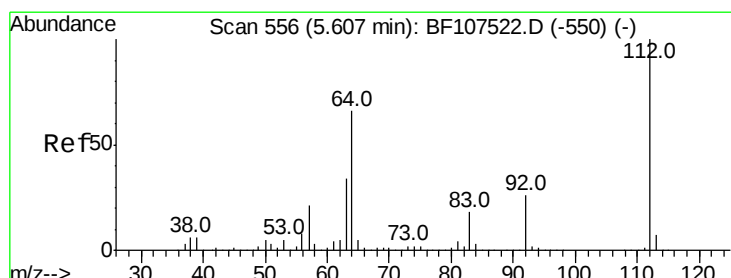
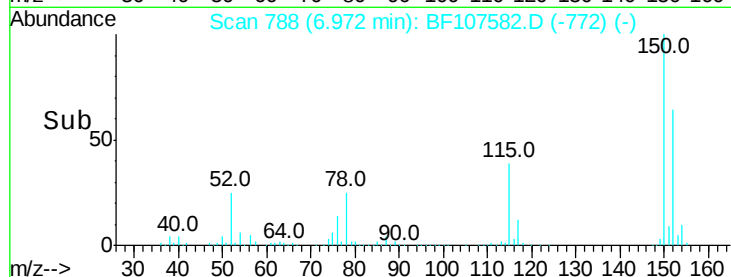
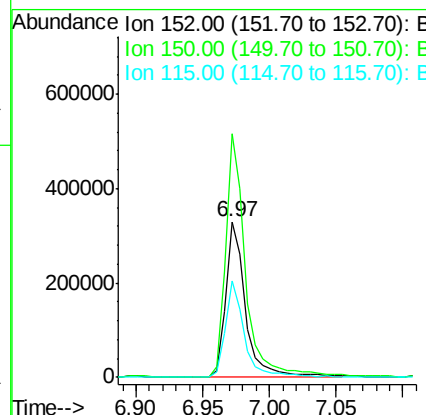
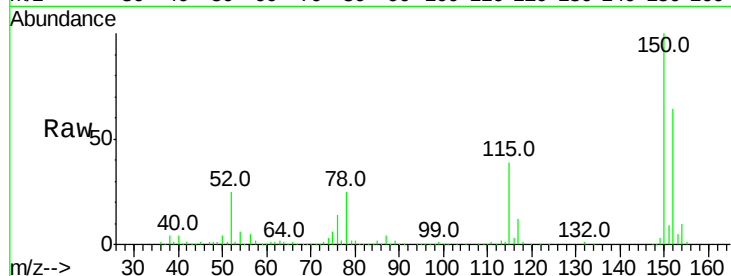
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107582.D
Acq: 23 Jul 2018 12:37

Instrument :
BNA_F
ClientSampleId :
BU-01-071918

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	186.8
115	61.6	50.1	75.1

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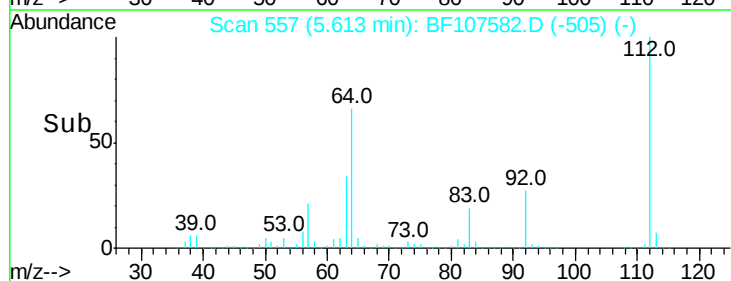
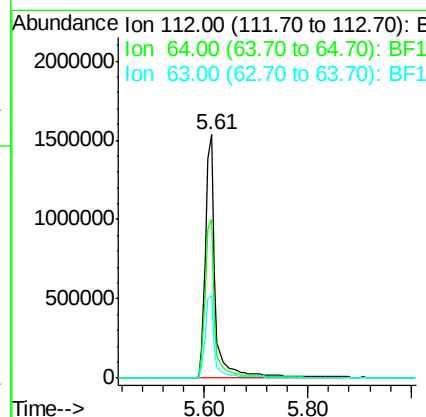
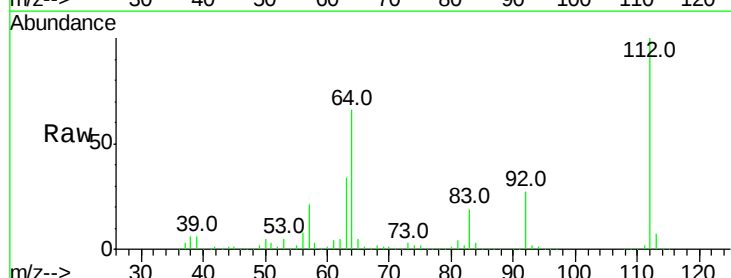
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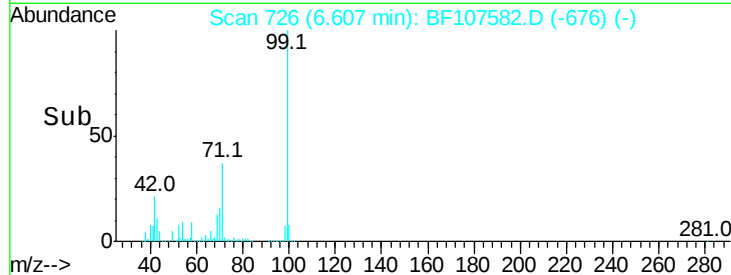
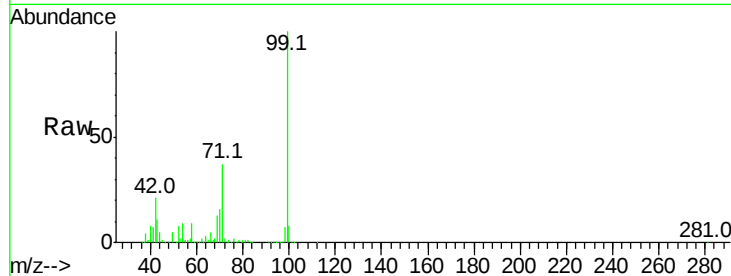
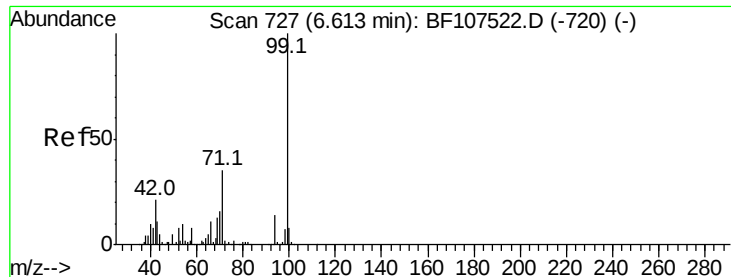


#5

2-Fluorophenol
Concen: 94.527 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF107582.D
Acq: 23 Jul 2018 12:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.6	47.9	71.9
63	34.0	23.7	35.5





#7

Phenol-d6

Concen: 95.226 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107582.D

Acq: 23 Jul 2018 12:37

Tot Ion: 99 Resp: 2485608

Ion Ratio Lower Upper

99 100

42 21.1 14.5 21.7

71 36.9 25.4 38.0

Instrument :

BNA_F

ClientSampleId :

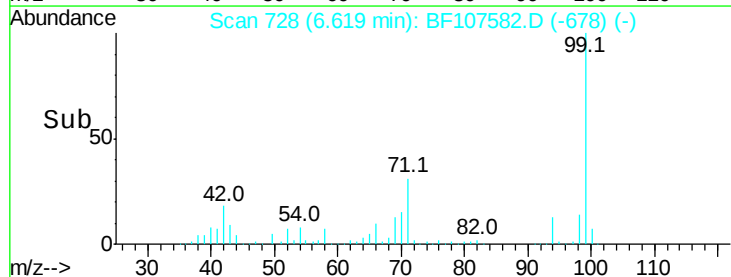
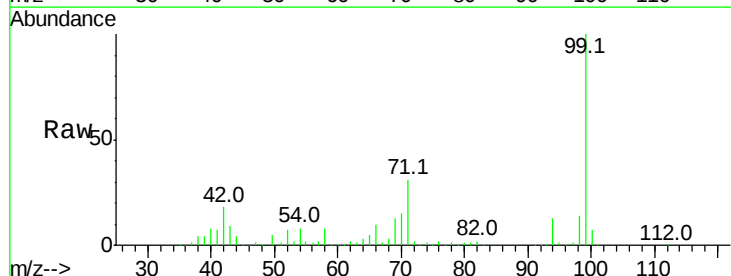
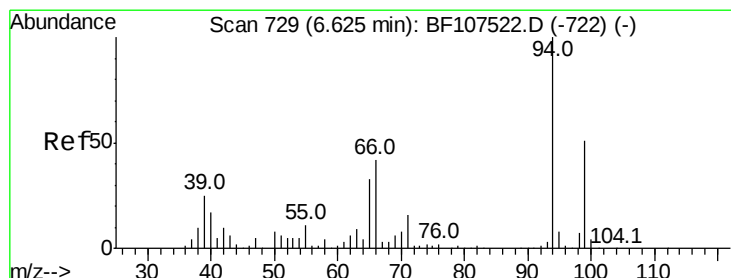
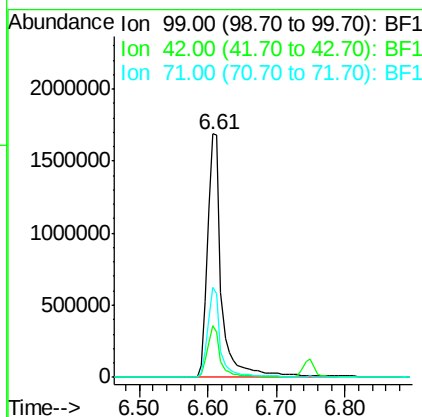
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#10

Phenol

Concen: 2.701 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF107582.D

Acq: 23 Jul 2018 12:37

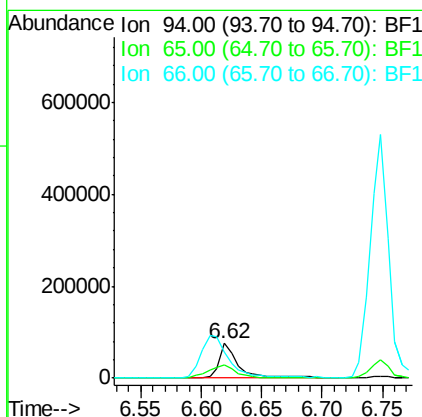
Tgt Ion: 94 Resp: 82923

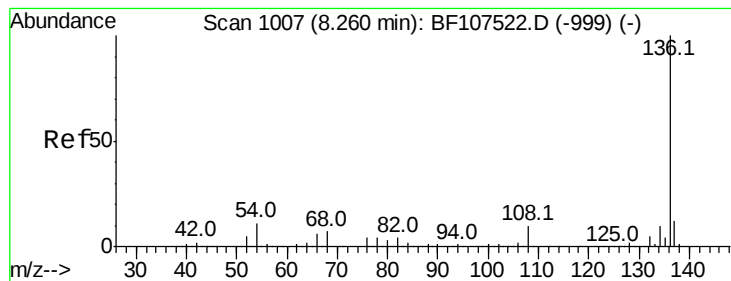
Ion Ratio Lower Upper

94 100

65 38.1 7.9 47.9

66 74.5 16.2 56.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF107582.D

Acq: 23 Jul 2018 12:37

Instrument :

BNA_F

ClientSampleId :

BU-01-071918

Tot Ion:136 Resp: 1357456

Ion Ratio Lower Upper

136 100

137 11.6 8.9 13.3

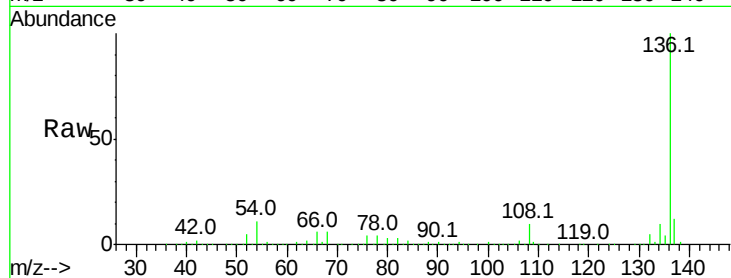
54 10.7 6.6 9.8#

68 6.4 5.0 7.4

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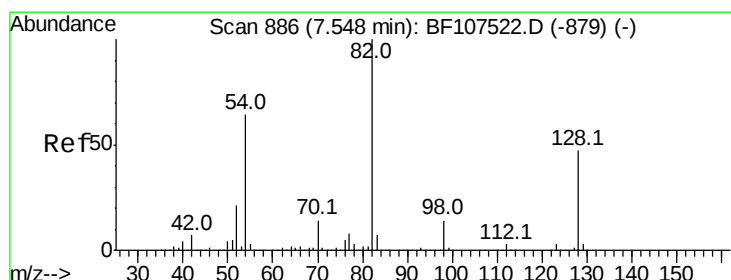
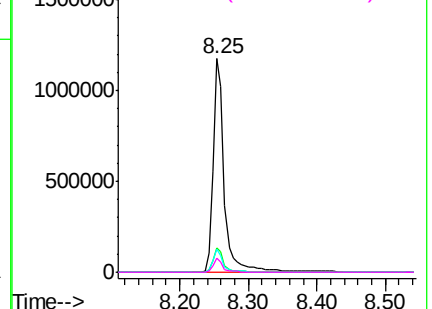
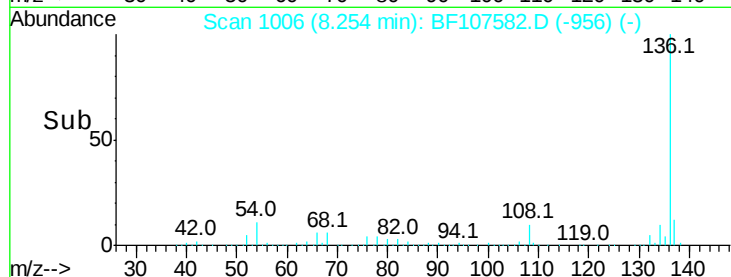


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 81.493 ng

RT: 7.54 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF107582.D

Acq: 23 Jul 2018 12:37

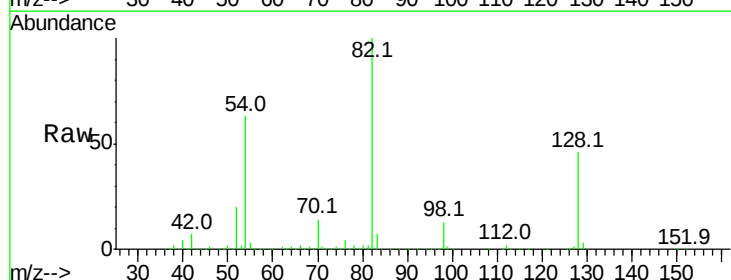
Tgt Ion: 82 Resp: 1639159

Ion Ratio Lower Upper

82 100

128 46.0 36.1 54.1

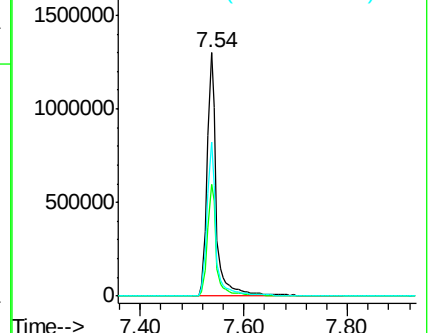
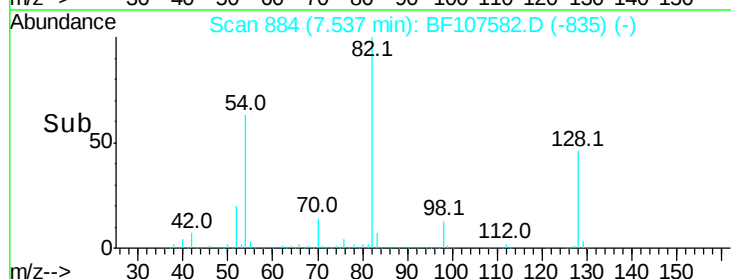
54 63.1 41.4 62.2#

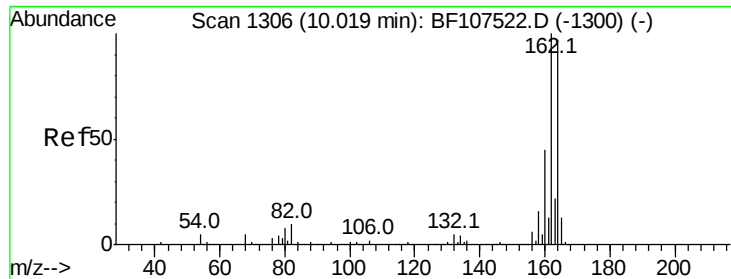


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





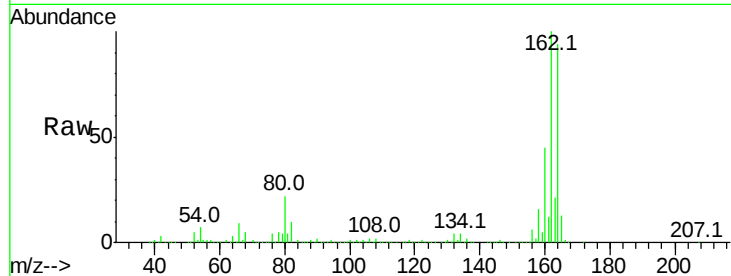
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF107582.D
Acq: 23 Jul 2018 12:37

Instrument :
BNA_F
ClientSampleId :
BU-01-071918

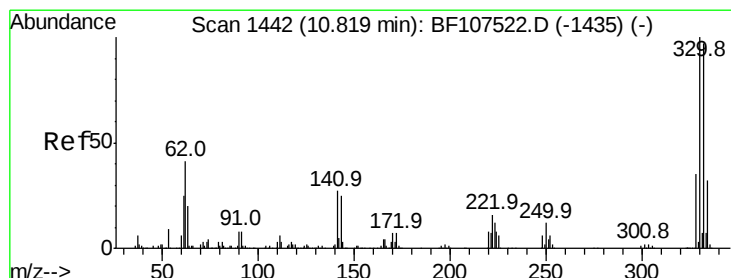
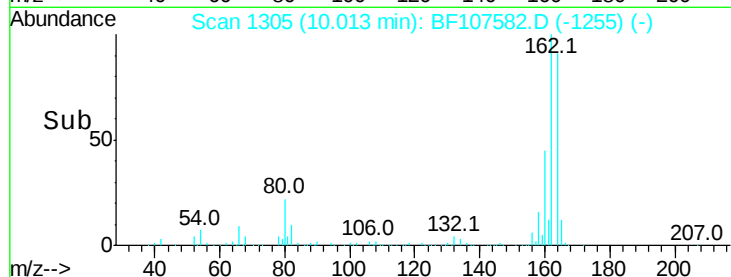
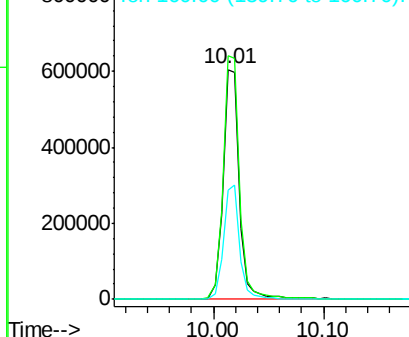
Tot Ion:164 Resp: 627983
Ion Ratio Lower Upper
164 100
162 105.8 86.1 129.1
160 47.3 38.3 57.5

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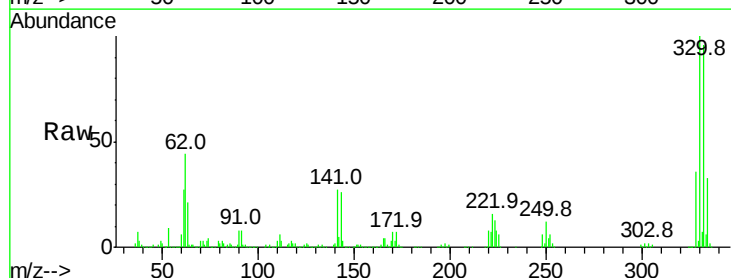


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

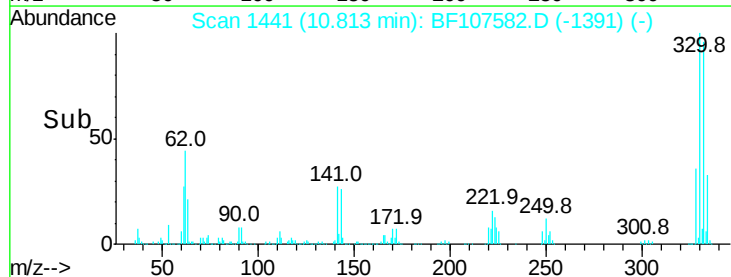
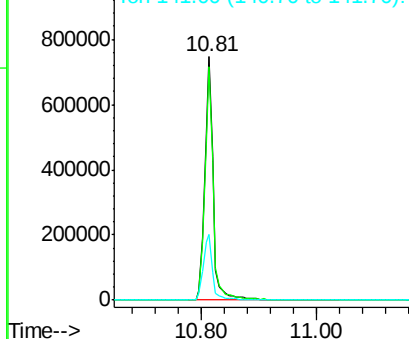


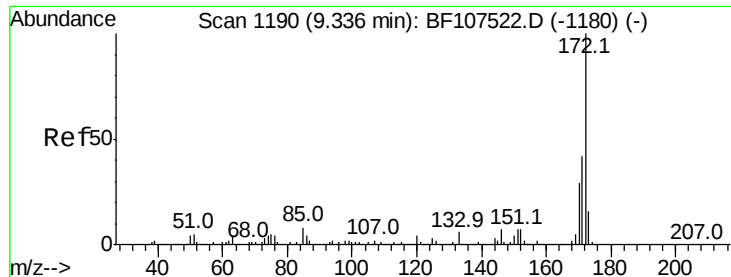
#41
2,4,6-Tribromophenol
Concen: 109.322 ng
RT: 10.81 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF107582.D
Acq: 23 Jul 2018 12:37

Tgt Ion:330 Resp: 780683
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.6
141 29.3 29.9 44.9#



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





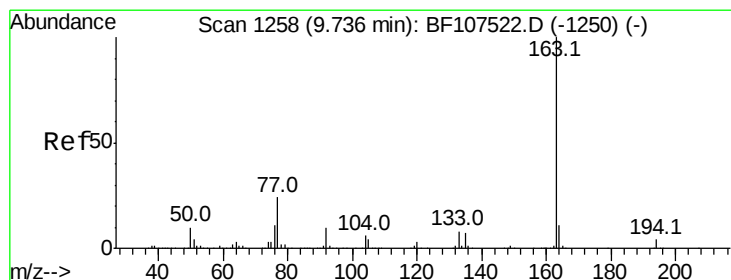
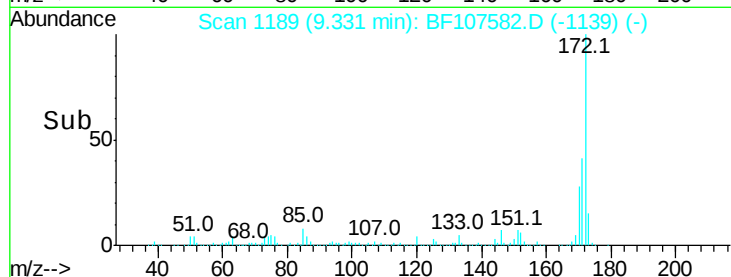
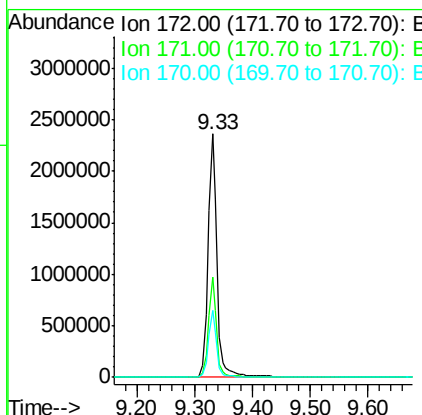
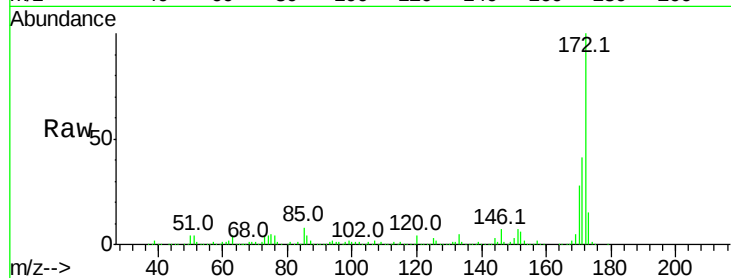
#44
2-Fluorobiphenyl
Concen: 68.460 ng
RT: 9.33 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF107582.D
Acq: 23 Jul 2018 12:37

Instrument :
BNA_F
ClientSampleId :
BU-01-071918

Tot Ion	Ratio	Lower	Upper
172	100		
171	41.0	29.7	44.5
170	27.6	19.6	29.4

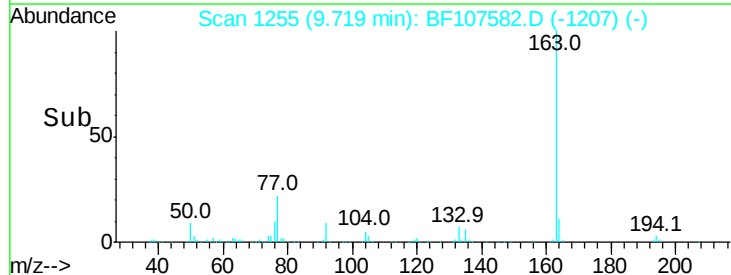
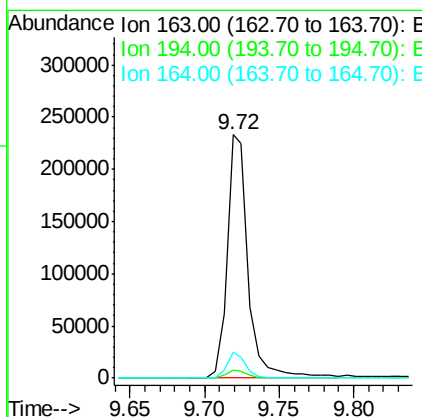
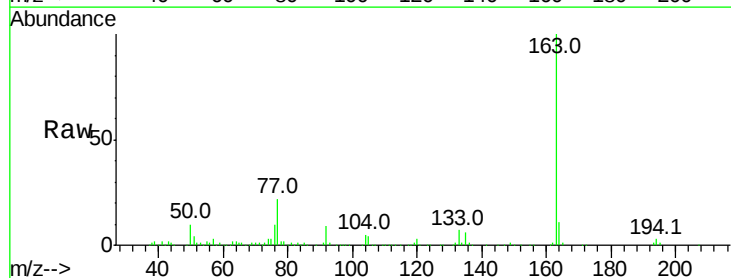
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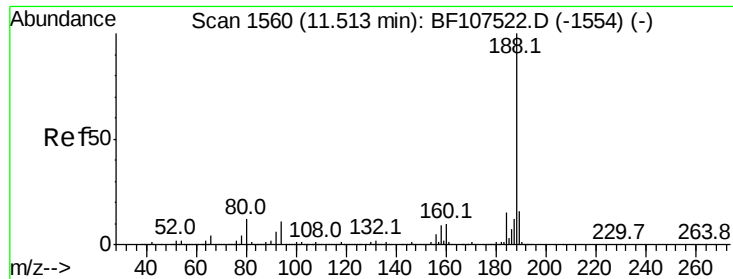
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#49
Dimethylphthalate
Concen: 4.916 ng
RT: 9.72 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF107582.D
Acq: 23 Jul 2018 12:37

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.6	8.2	12.2





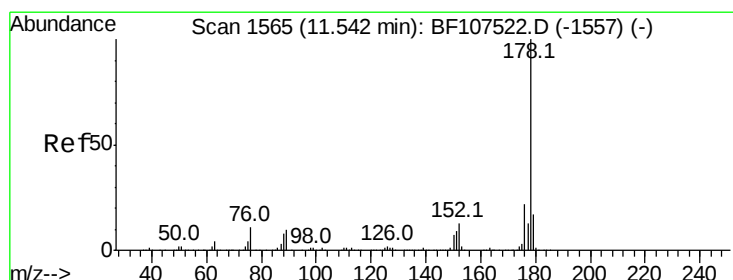
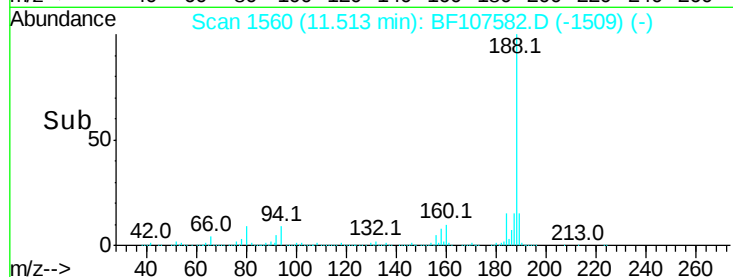
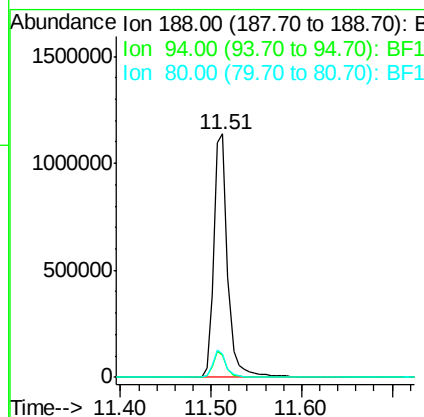
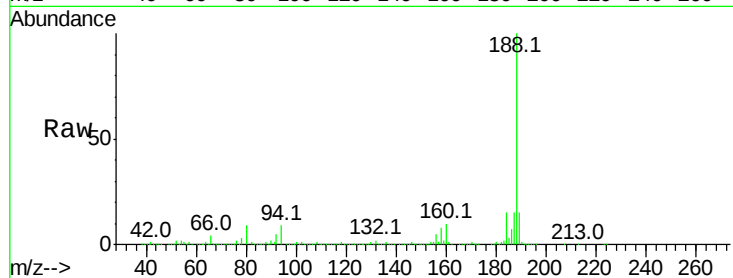
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF107582.D
Acq: 23 Jul 2018 12:37

Instrument :
BNA_F
ClientSampleId :
BU-01-071918

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.5	12.7
80	9.4	9.2	13.8

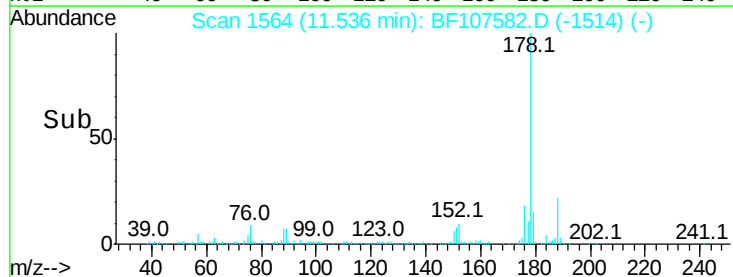
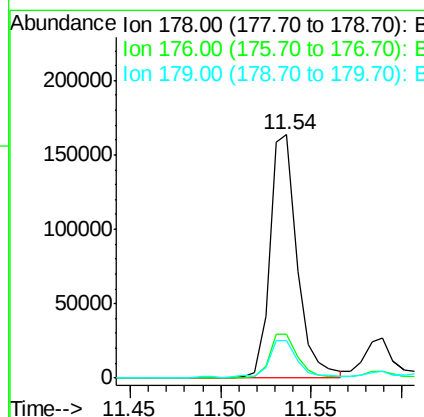
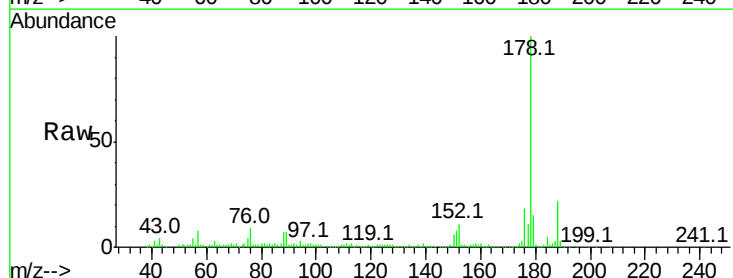
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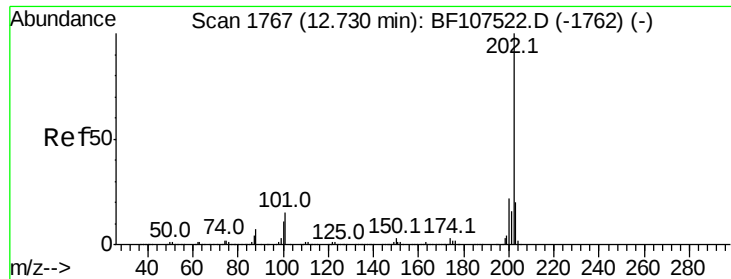
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#70
Phenanthrene
Concen: 2.875 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF107582.D
Acq: 23 Jul 2018 12:37

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.8	23.8
179	15.5	13.0	19.6





#74

Fluoranthene

Concen: 4.102 ng

RT: 12.73 min Scan# 1767

Delta R.T. 0.00 min

Lab File: BF107582.D

Acq: 23 Jul 2018 12:37

Instrument :

BNA_F

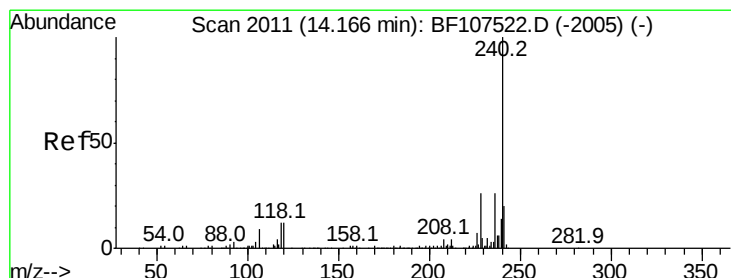
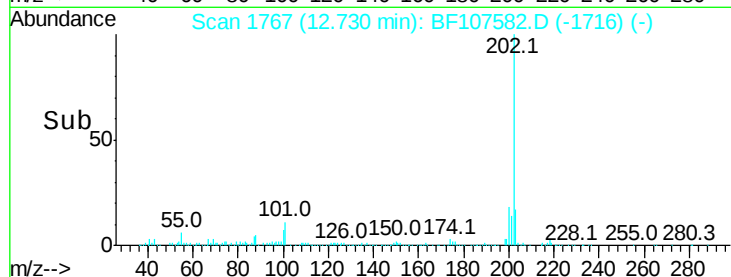
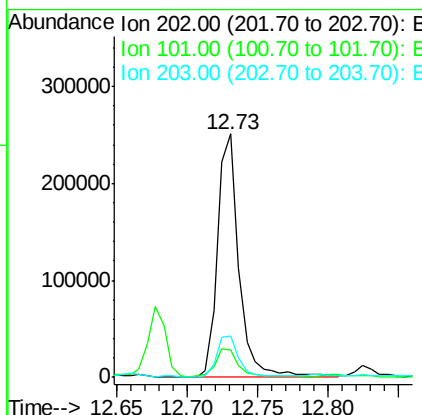
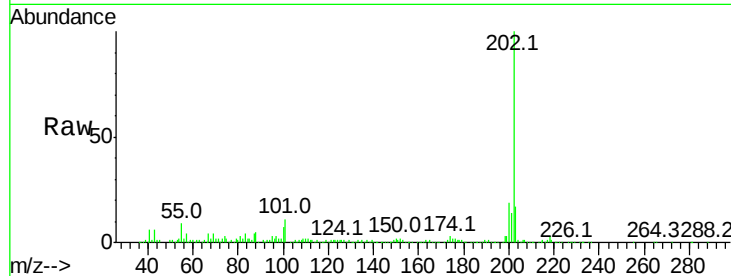
ClientSampleId :

BU-01-071918

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.2	0.0	34.1
203	17.2	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

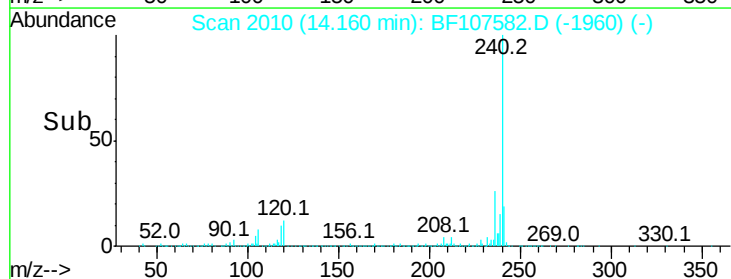
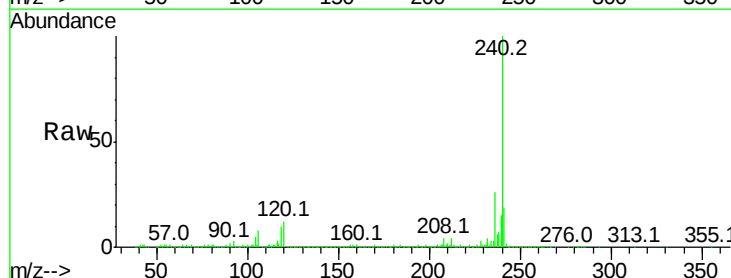
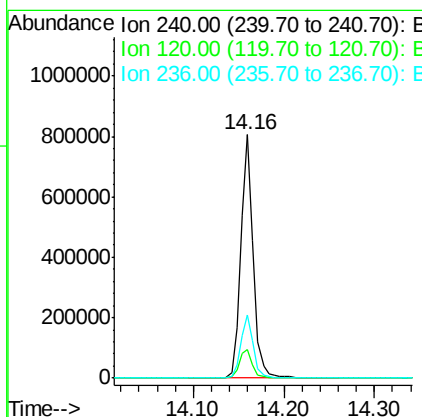
RT: 14.16 min Scan# 2010

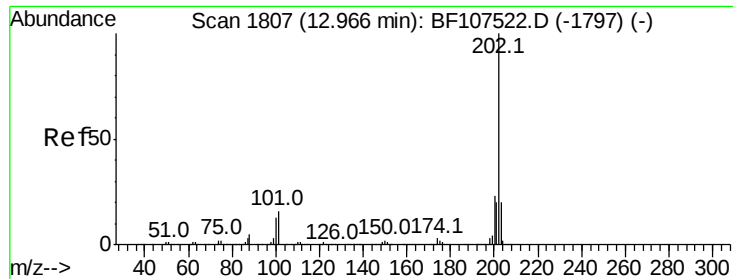
Delta R.T. -0.01 min

Lab File: BF107582.D

Acq: 23 Jul 2018 12:37

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.0	9.5	14.3
236	26.1	20.7	31.1





#77

Pvrene

Concen: 5.606 ng

RT: 12.96 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BF107582.D

Acq: 23 Jul 2018 12:37

Instrument :

BNA_F

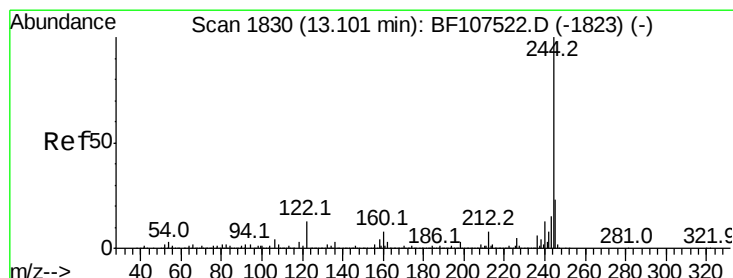
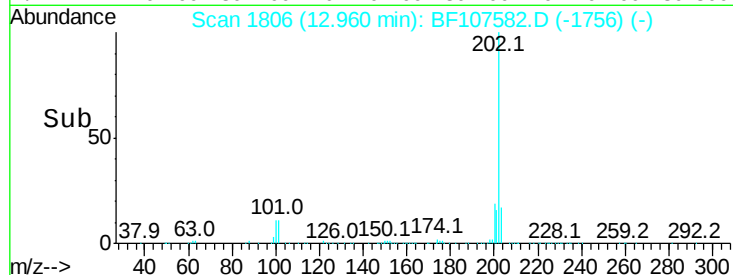
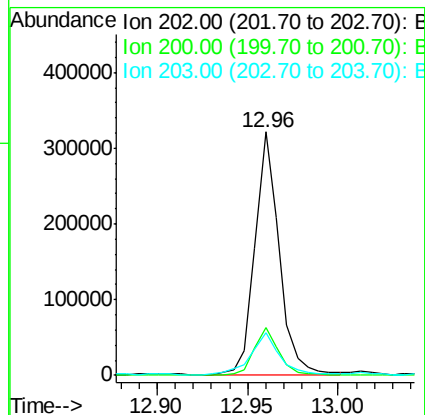
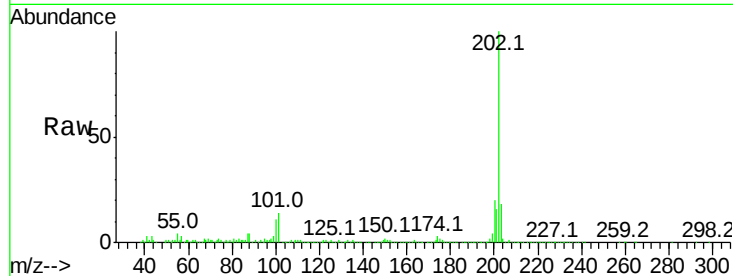
ClientSampleId :

BU-01-071918

Tot Ion:	202	Resp:	298199
Ion Ratio	Lower	Upper	
202	100		
200	19.8	17.4	26.2
203	17.8	14.3	21.5

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#78

Terphenyl-d14

Concen: 76.219 ng

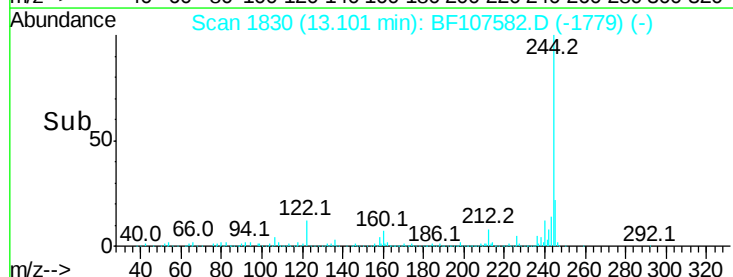
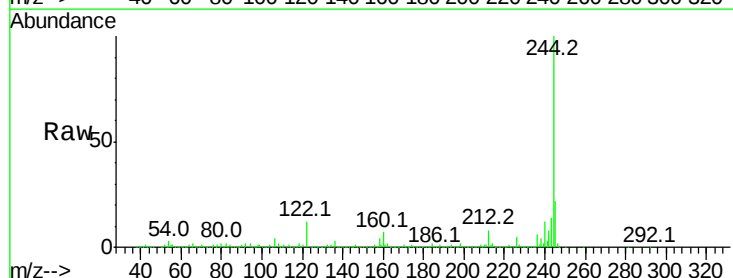
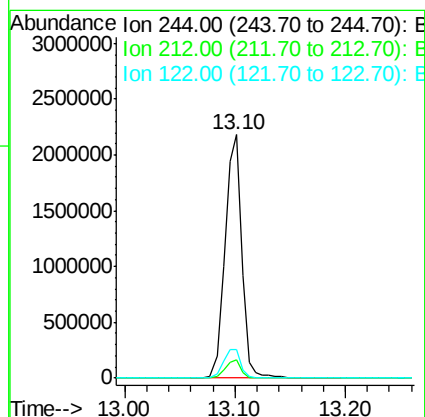
RT: 13.10 min Scan# 1830

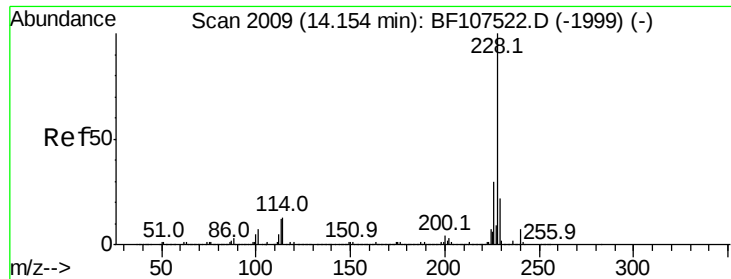
Delta R.T. 0.00 min

Lab File: BF107582.D

Acq: 23 Jul 2018 12:37

Tgt Ion:	244	Resp:	2315207
Ion Ratio	Lower	Upper	
244	100		
212	7.6	5.4	8.0
122	11.8	11.0	16.4





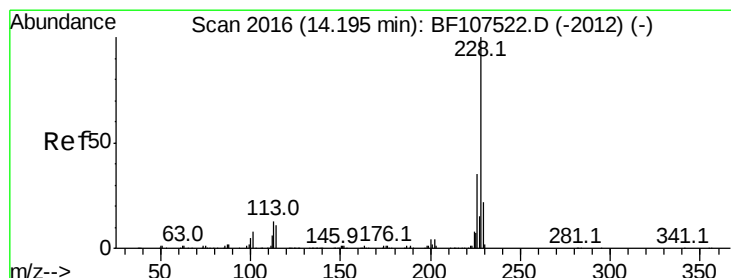
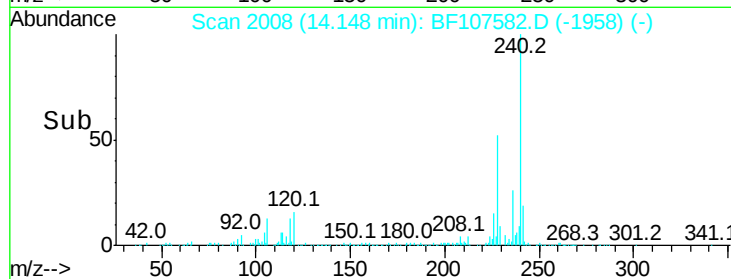
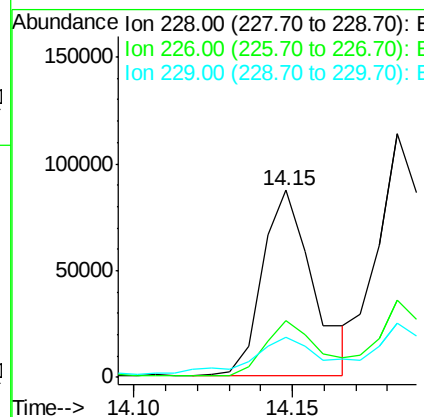
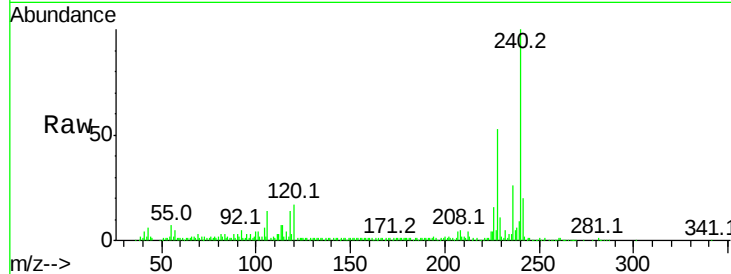
#80
Benzo(a)anthracene
Concen: 2.127 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF107582.D
Acq: 23 Jul 2018 12:37

Instrument :
BNA_F
ClientSampled :
BU-01-071918

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.6	33.8
229	21.4	15.8	23.6

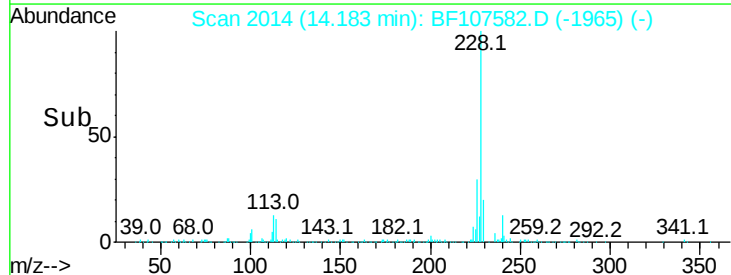
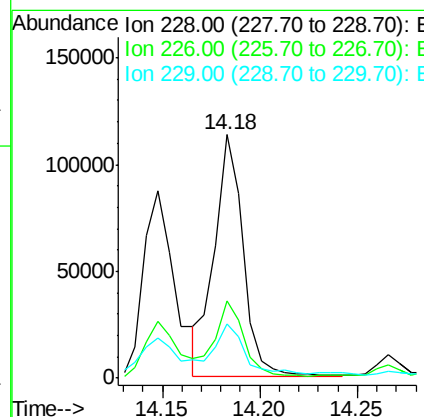
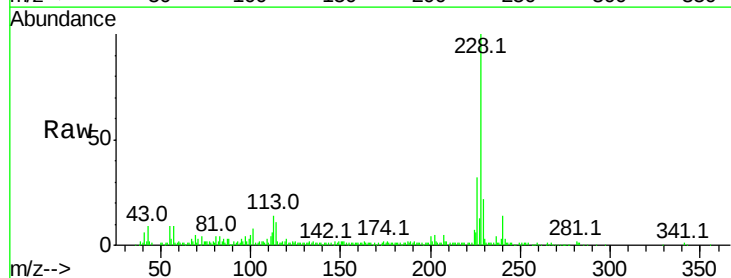
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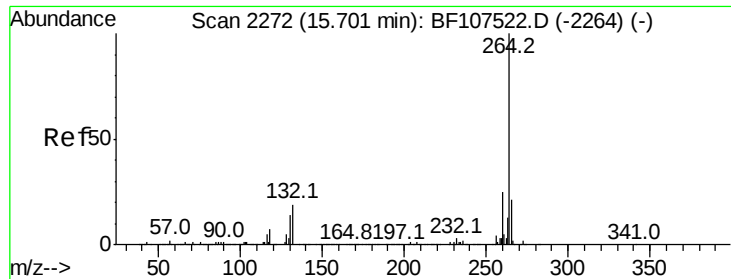
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#82
Chrysene
Concen: 2.663 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF107582.D
Acq: 23 Jul 2018 12:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.0	37.6
229	22.0	16.2	24.4





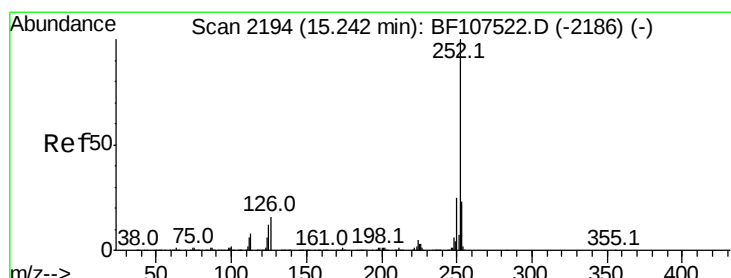
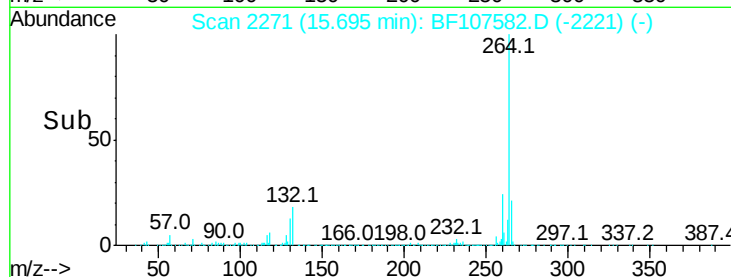
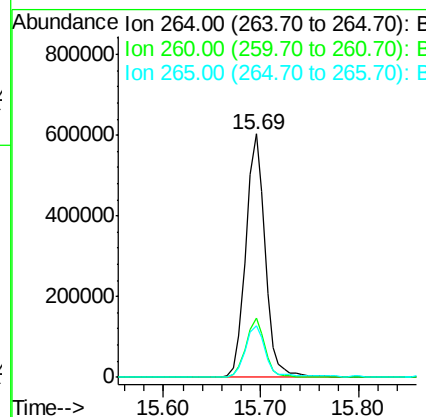
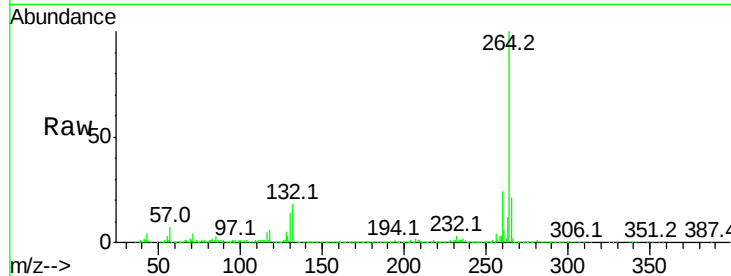
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF107582.D
Acq: 23 Jul 2018 12:37

Instrument :
BNA_F
ClientSampleId :
BU-01-071918

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.3	17.5	26.3

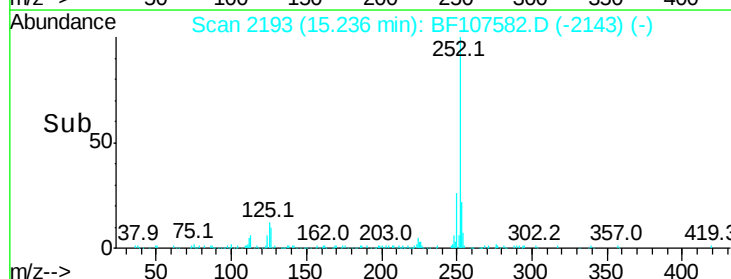
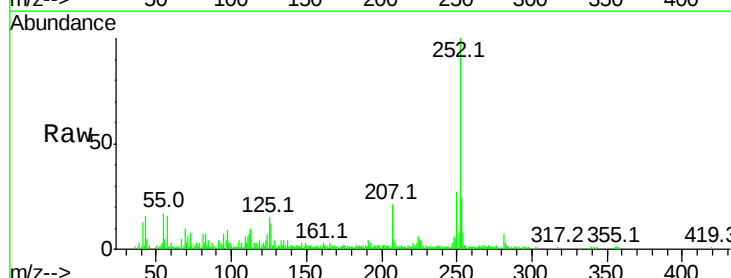
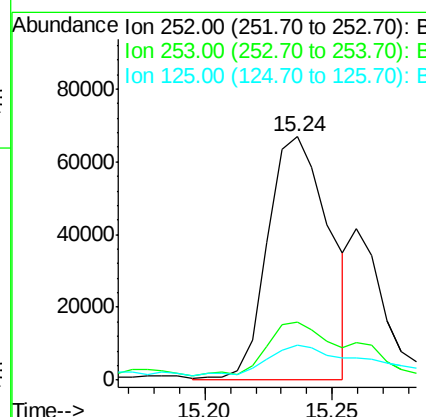
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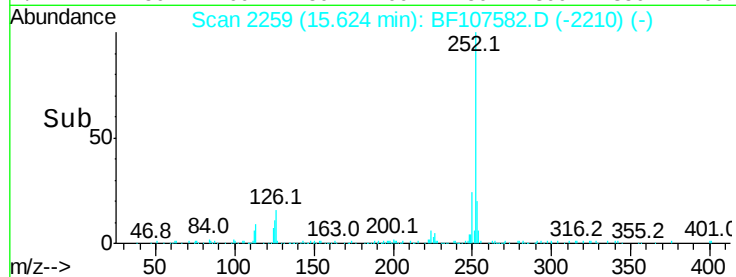
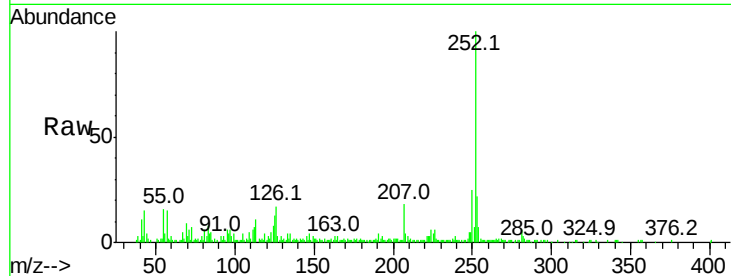
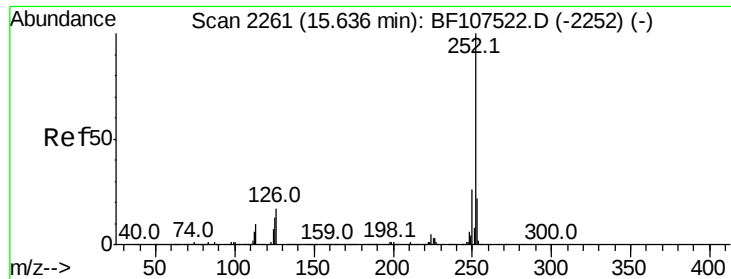
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#87
Benzo(b)fluoranthene
Concen: 2.476 ng m
RT: 15.24 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BF107582.D
Acq: 23 Jul 2018 12:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.0	25.6
125	14.5	9.0	13.6





#89

Benzo(a)pyrene

Concen: 2.265 ng

RT: 15.62 min Scan# 2259

Delta R.T. -0.01 min

Lab File: BF107582.D

Acq: 23 Jul 2018 12:37

Instrument :

BNA_F

ClientSampleId :

BU-01-071918

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	13.4	9.8	14.6

Manual Integrations
APPROVED

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