

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072318\
 Data File : BF107588.D
 Acq On : 23 Jul 2018 15:18
 Operator : JU/SJ
 Sample : J4062-25
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9

Manual Integrations
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Quant Time: Jul 24 14:30:29 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	319016	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	1257719	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	529318	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	925616m	20.00	ng	0.00
75) Chrysene-d12	14.16	240	732568	20.00	ng	0.00
86) Perylene-d12	15.70	264	738096	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1518136	76.51	ng	0.00
7) Phenol-d6	6.61	99	1921330	80.64	ng	0.00
23) Nitrobenzene-d5	7.54	82	1213610	65.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	511374	84.96	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1974685	58.37	ng	0.00
78) Terphenyl-d14	13.10	244	1564400	54.67	ng	0.00
Target Compounds						
10) Phenol	6.62	94	73014	2.606	ng	# 72
49) Dimethylphthalate	9.72	163	104084	2.609	ng	# 99
70) Phenanthrene	11.54	178	148642	3.295	ng	99
74) Fluoranthene	12.73	202	245901	5.080	ng	96
77) Pyrene	12.96	202	226850	4.527	ng	97
80) Benzo(a)anthracene	14.15	228	107197	2.497	ng	96
82) Chrysene	14.19	228	109159	2.647	ng	97
87) Benzo(b)fluoranthene	15.24	252	125591m	3.109	ng	
89) Benzo(a)pyrene	15.63	252	82656	2.237	ng	95

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

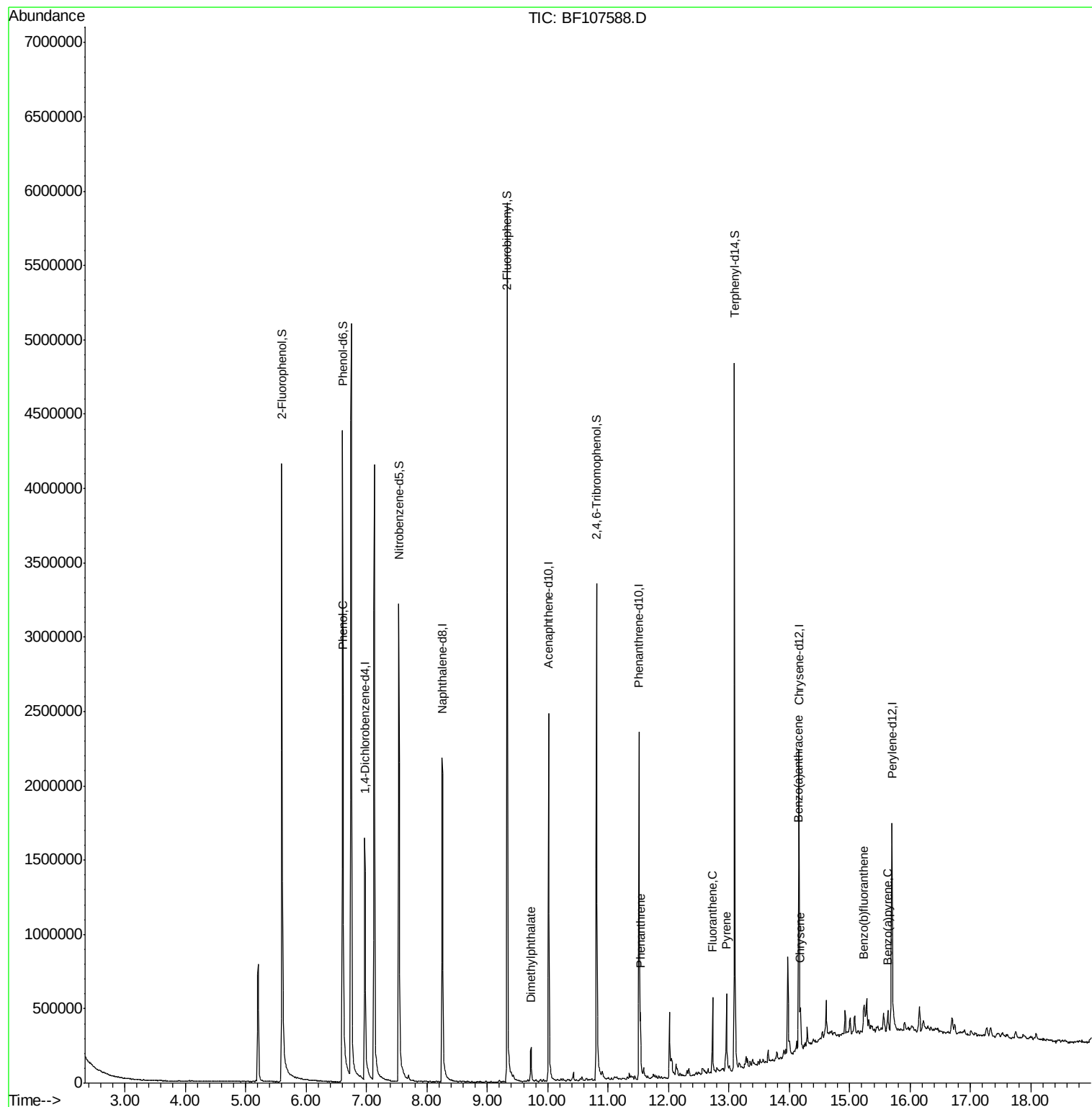
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072318\
Data File : BF107588.D
Acq On : 23 Jul 2018 15:18
Operator : JU/SJ
Sample : J4062-25
Misc :
ALS Vial : 10 Sample Multiplier: 1

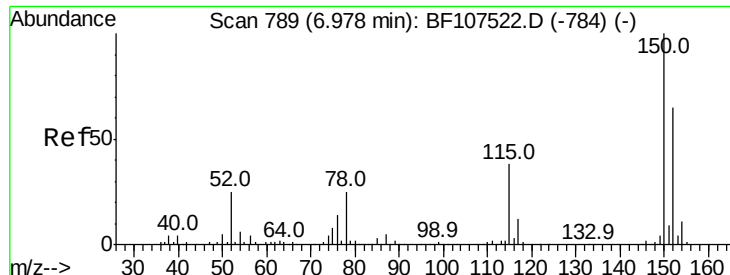
Instrument :
BNA_F
ClientSampleId :
TP-9

Quant Time: Jul 24 14:30:29 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
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#1

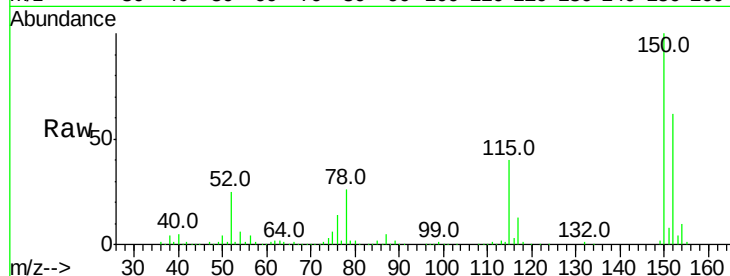
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107588.D
Acq: 23 Jul 2018 15:18

Instrument :
BNA_F
ClientSampled :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	161.9	124.6	186.8
115	64.8	50.1	75.1

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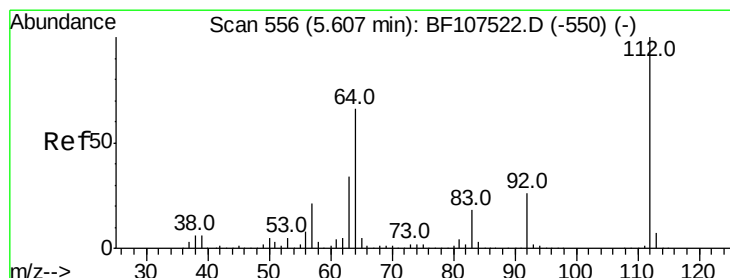
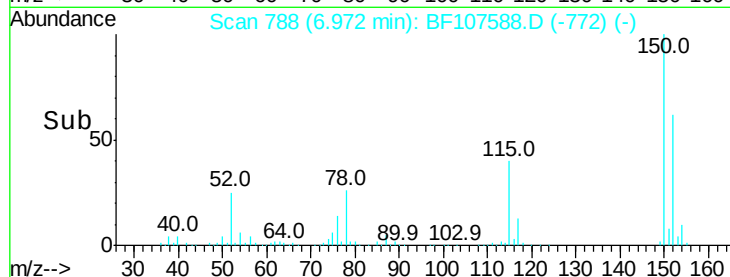
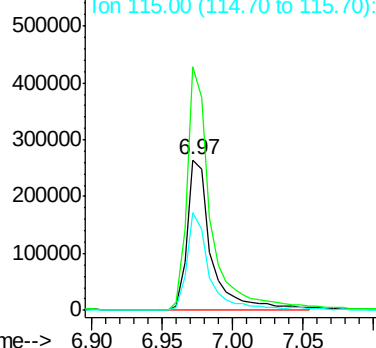


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

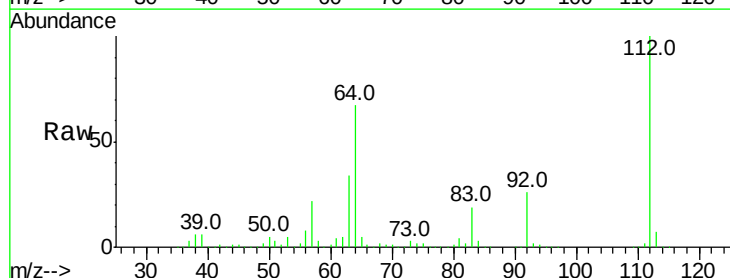
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 76.513 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF107588.D
Acq: 23 Jul 2018 15:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.3	47.9	71.9
63	34.2	23.7	35.5

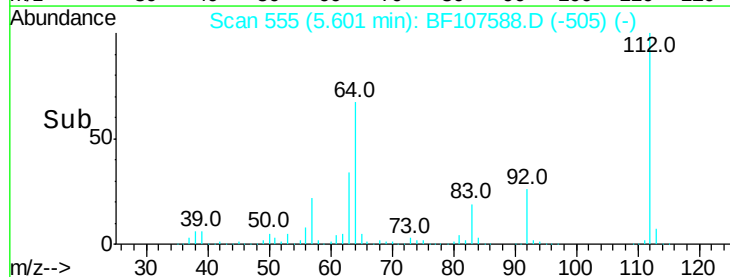
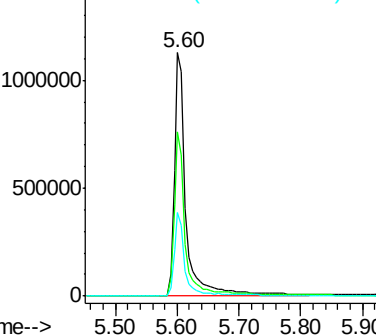


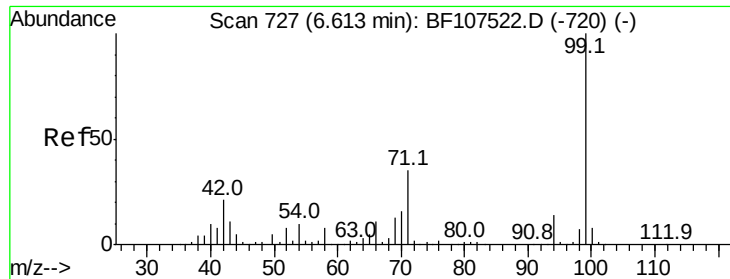
Abundance

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: 80.645 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107588.D

Acq: 23 Jul 2018 15:18

Instrument :

BNA_F

ClientSampled :

TP-9

Tot Ion: 99 Resp: 1921330

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

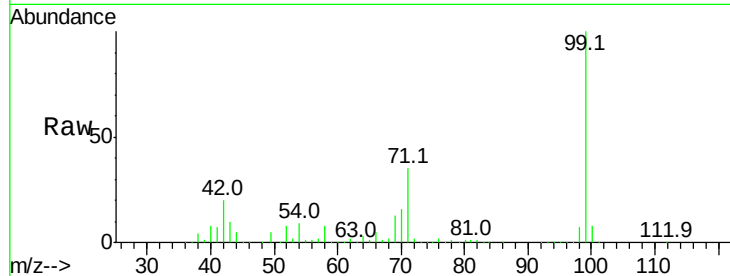
71 34.9 25.4 38.0

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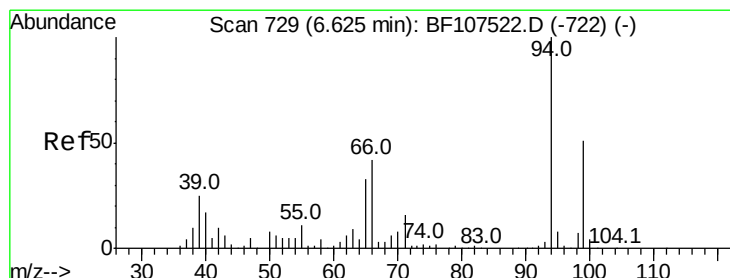
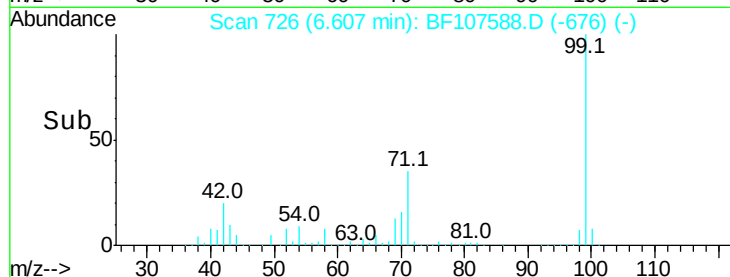
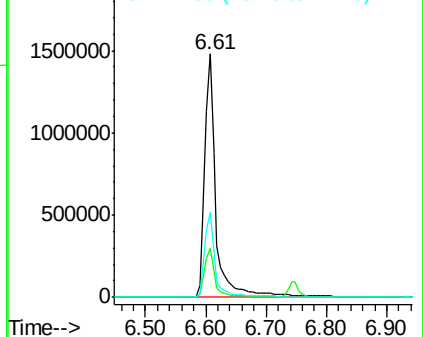
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.606 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF107588.D

Acq: 23 Jul 2018 15:18

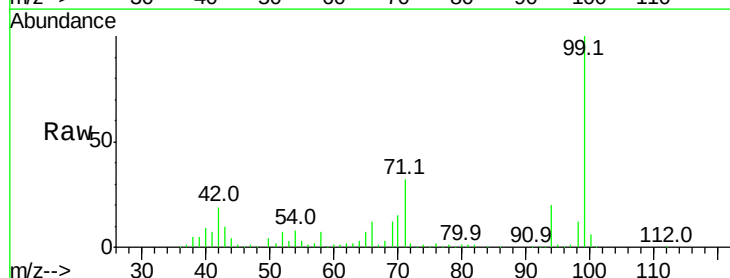
Tgt Ion: 94 Resp: 73014

Ion Ratio Lower Upper

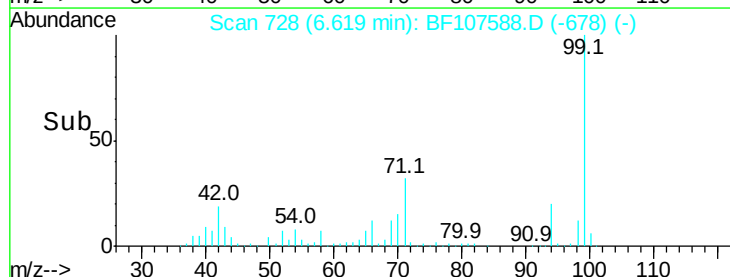
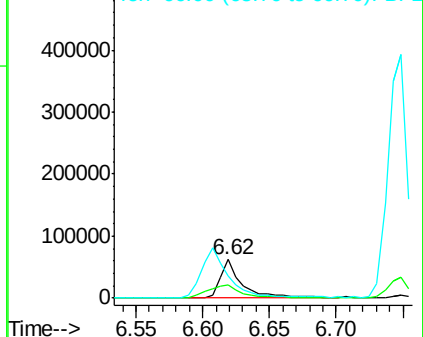
94 100

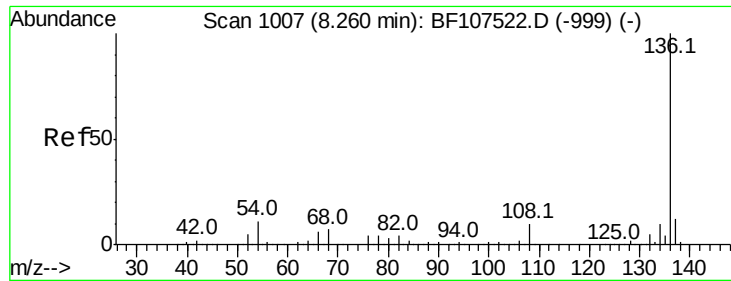
65 35.5 7.9 47.9

66 58.8 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





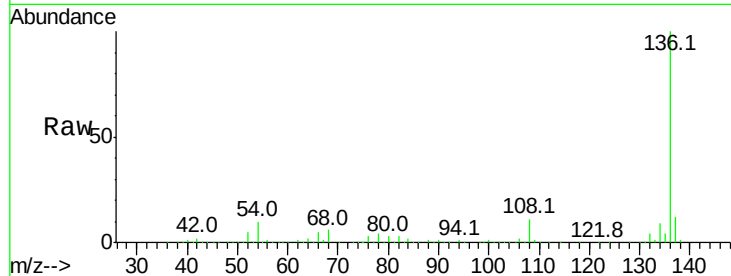
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF107588.D
Acq: 23 Jul 2018 15:18

Instrument :
BNA_F
ClientSampleId :
TP-9

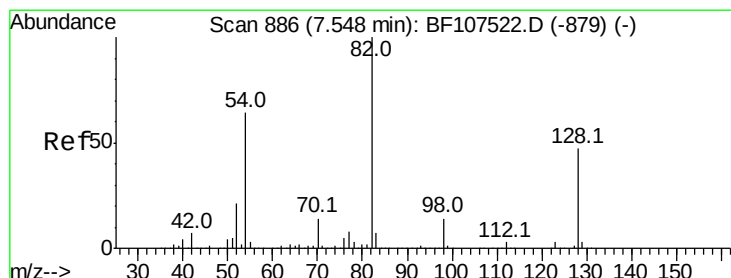
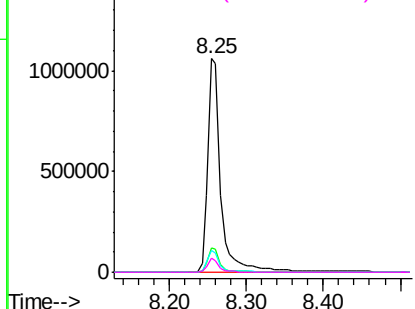
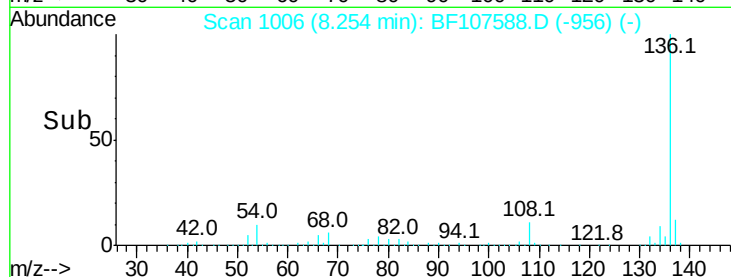
Tot Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	10.5	6.6	9.8#
68	6.5	5.0	7.4

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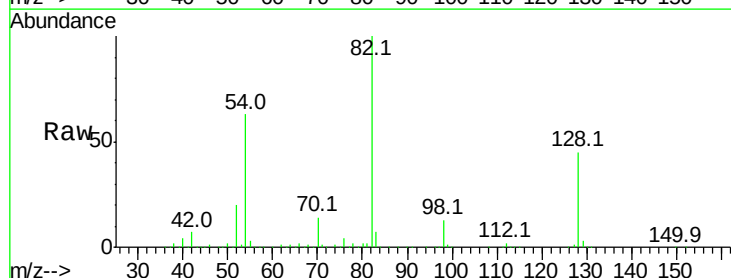


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

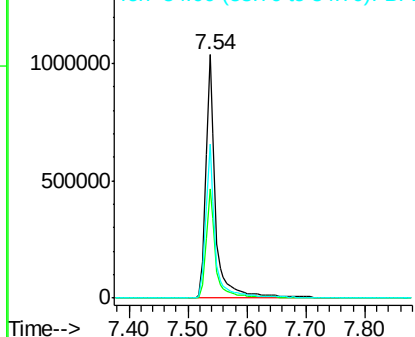
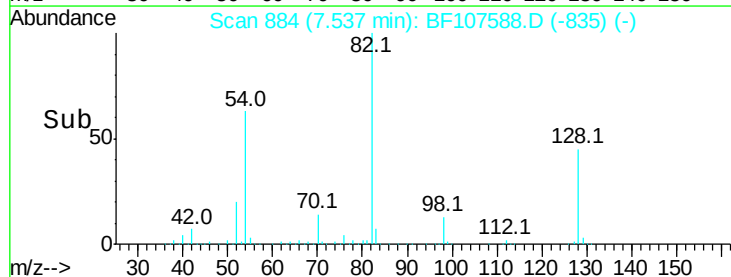


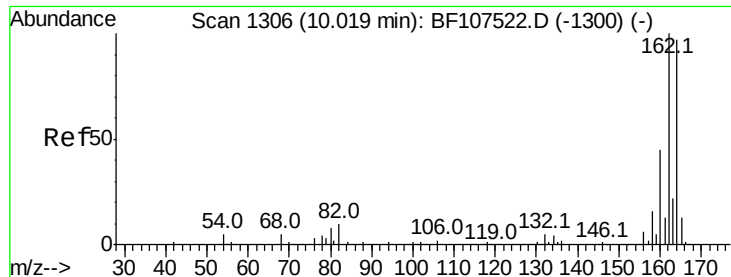
#23
Nitrobenzene-d5
Concen: 65.121 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF107588.D
Acq: 23 Jul 2018 15:18

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.0	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





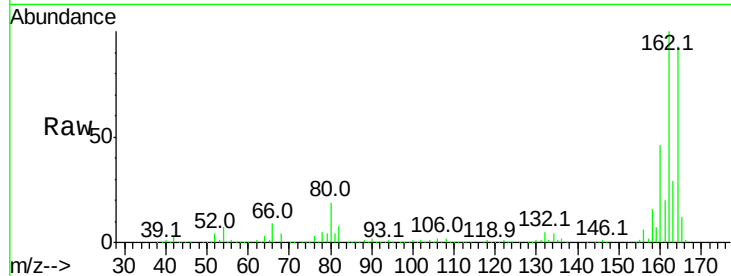
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF107588.D
Acq: 23 Jul 2018 15:18

Instrument :
BNA_F
ClientSampled :
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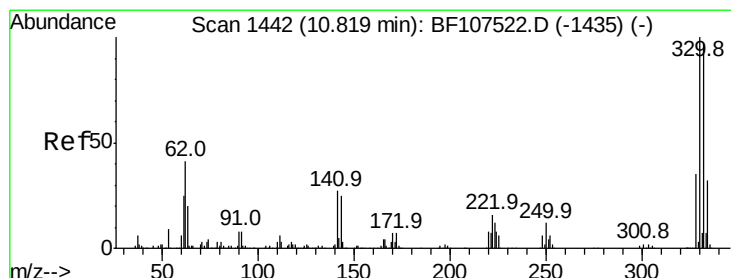
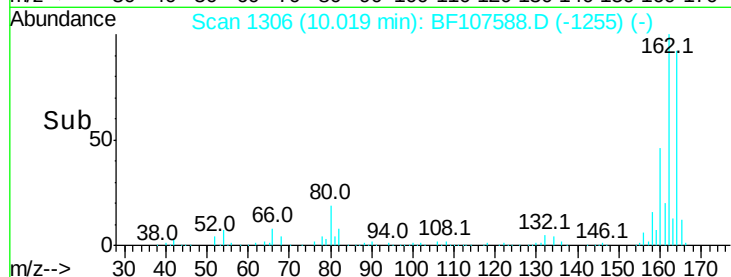
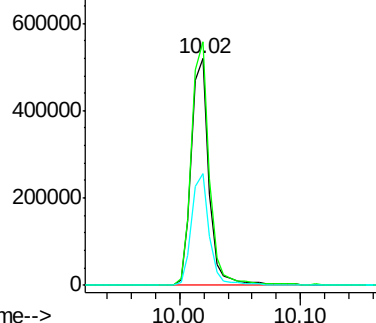
Tot Ion	Ratio	Lower	Upper
164	100		
162	107.3	86.1	129.1
160	49.1	38.3	57.5

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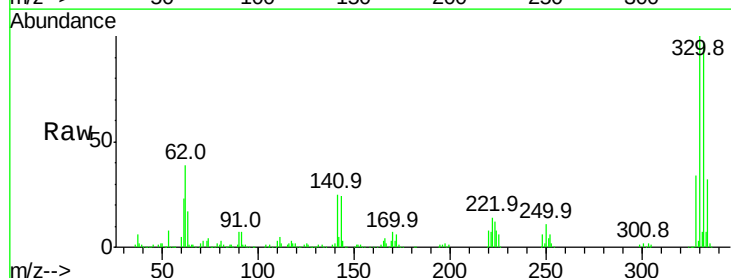


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

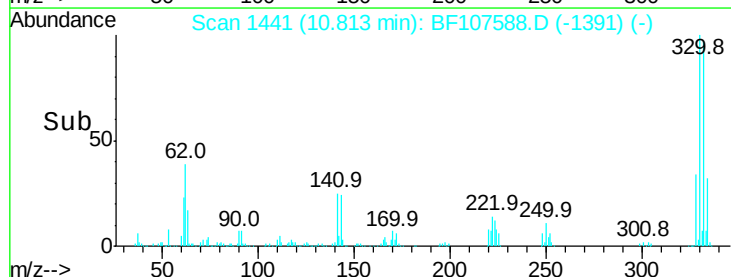
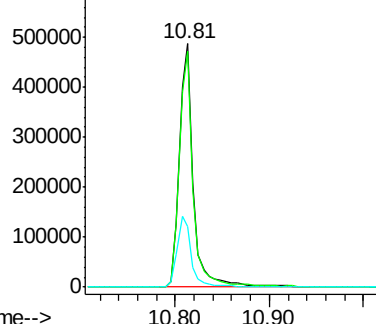


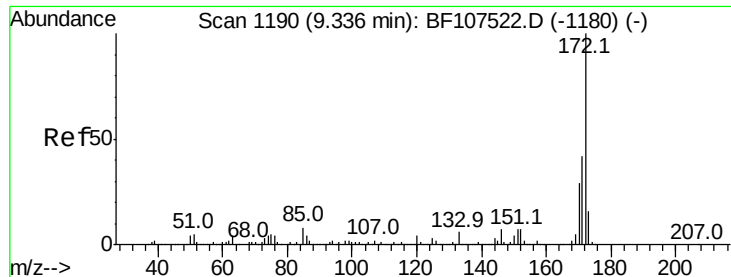
#41
2,4,6-Tribromophenol
Concen: 84.958 ng
RT: 10.81 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF107588.D
Acq: 23 Jul 2018 15:18

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	30.0	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





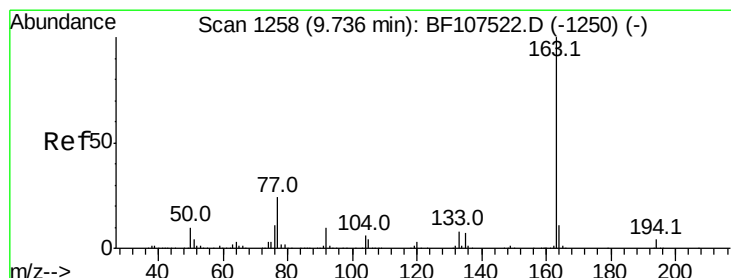
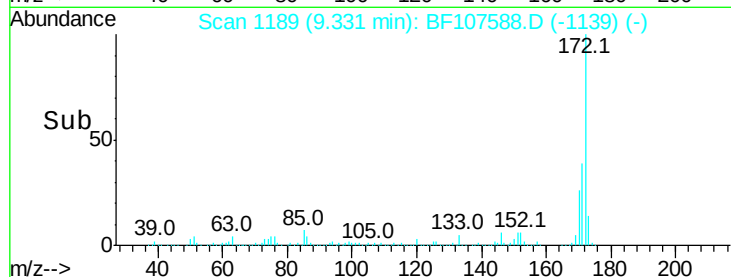
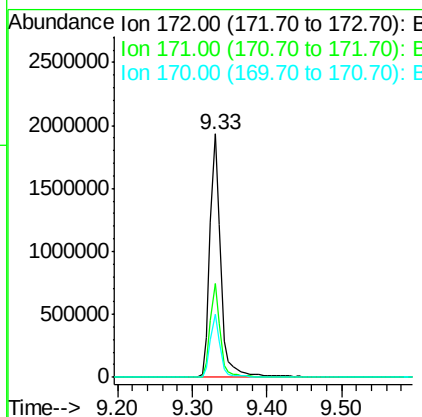
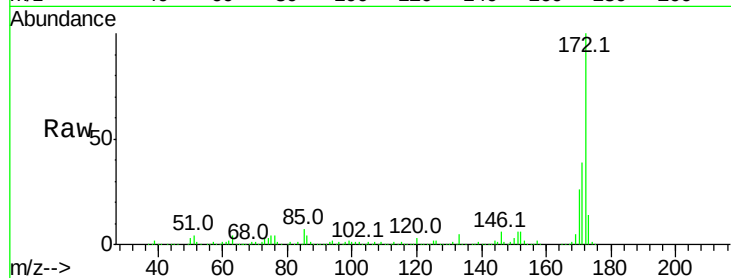
#44
2-Fluorobiphenyl
Concen: 58.370 ng
RT: 9.33 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF107588.D
Acq: 23 Jul 2018 15:18

Instrument :
BNA_F
ClientSampled :
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Tot Ion	Ratio	Lower	Upper
172	100		
171	38.8	29.7	44.5
170	26.1	19.6	29.4

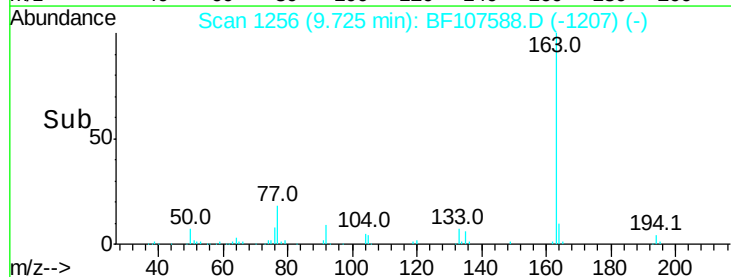
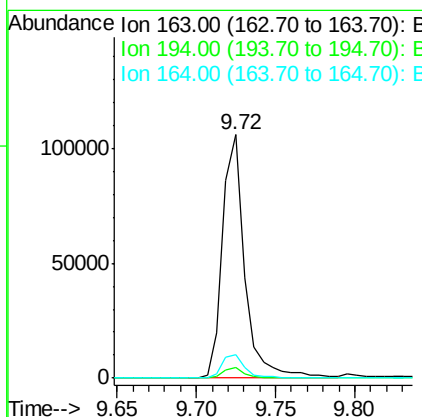
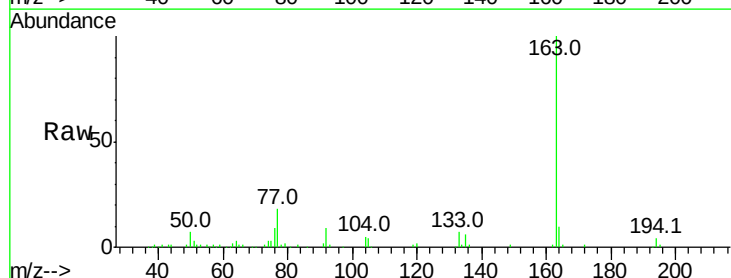
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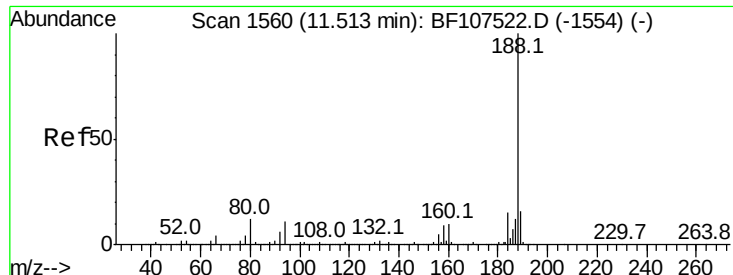
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#49
Dimethylphthalate
Concen: 2.609 ng
RT: 9.72 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF107588.D
Acq: 23 Jul 2018 15:18

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	2.7	4.1#
164	9.9	8.2	12.2





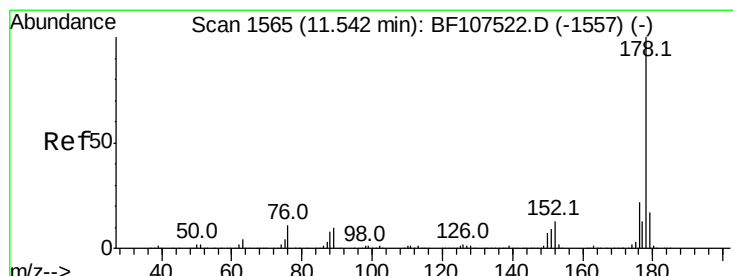
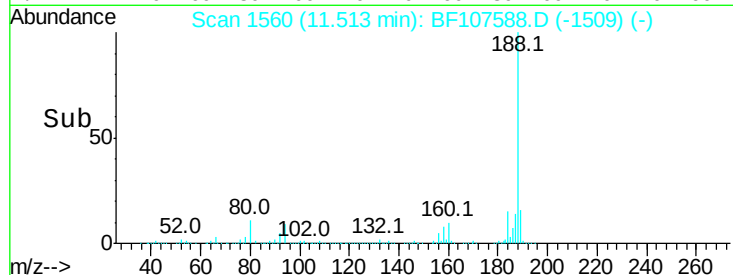
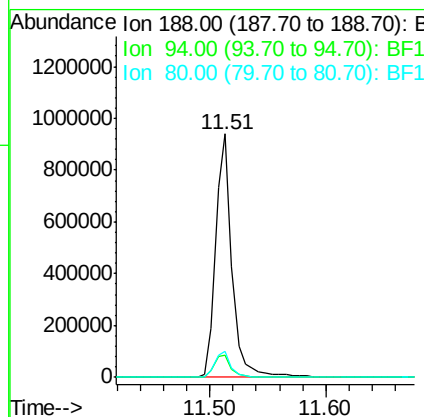
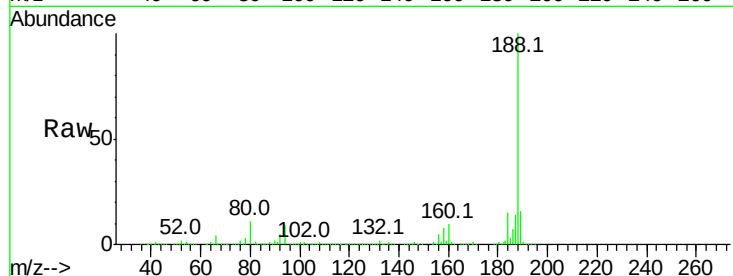
#63
Phenanthrene-d10
Concen: 20.000 ng/mL
RT: 11.51 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF107588.D
Acq: 23 Jul 2018 15:18

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
188	100	925616		
94	9.1		8.5	12.7
80	10.7		9.2	13.8

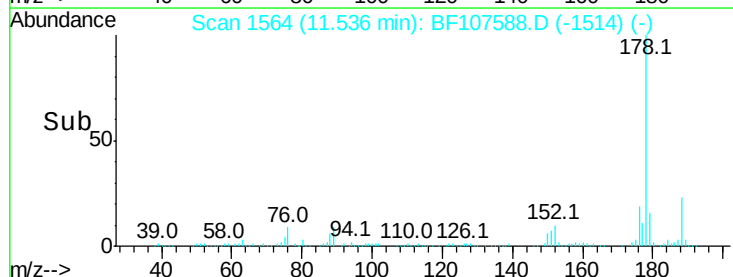
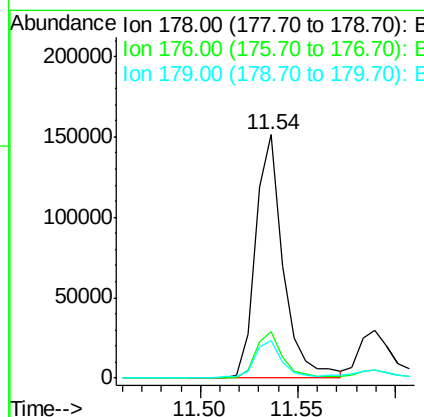
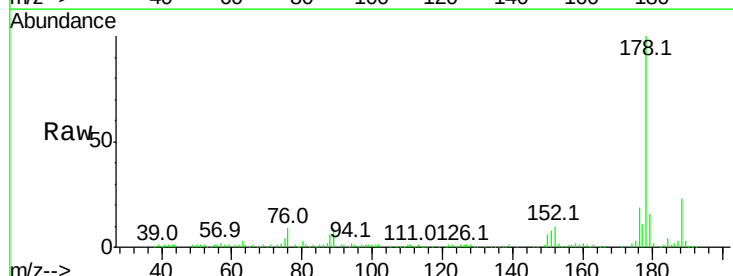
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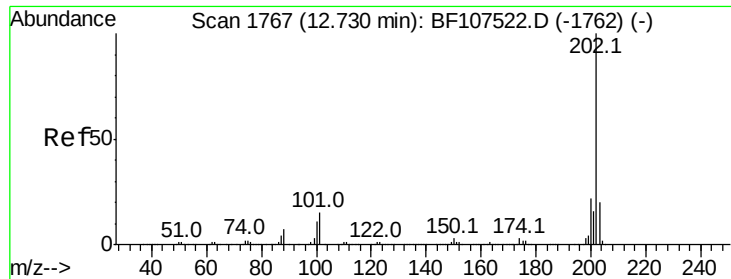
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#70
Phenanthrene
Concen: 3.295 ng/mL
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF107588.D
Acq: 23 Jul 2018 15:18

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	148642		
176	19.3		15.8	23.8
179	15.6		13.0	19.6





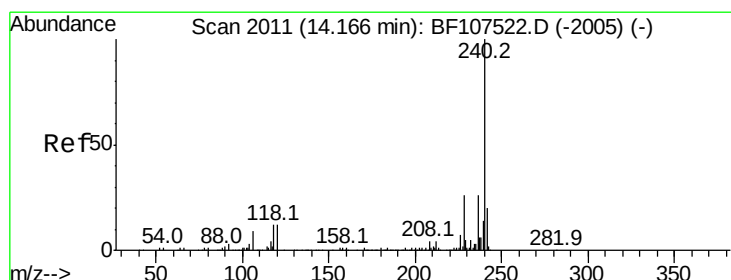
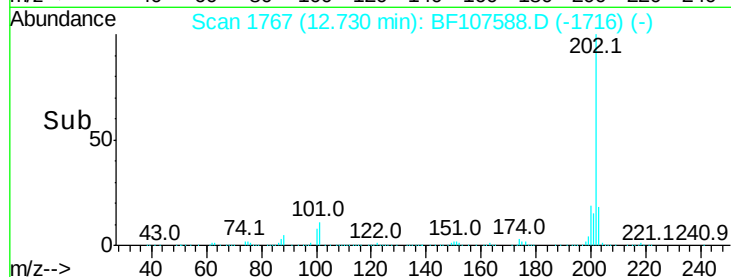
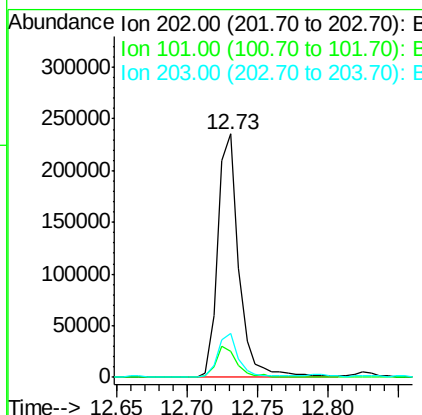
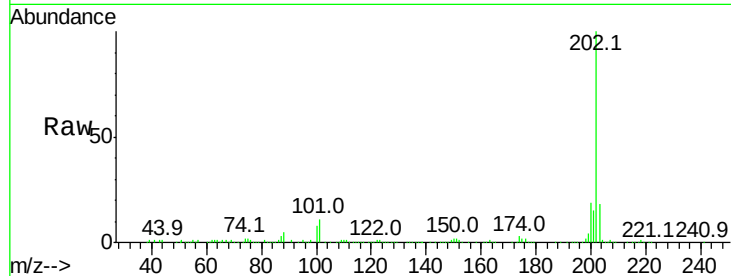
#74
 Fluoranthene
 Concen: 5.080 ng
 RT: 12.73 min Scan# 1767
 Delta R.T. 0.00 min
 Lab File: BF107588.D
 Acq: 23 Jul 2018 15:18

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.7	0.0	34.1
203	18.2	0.0	38.1

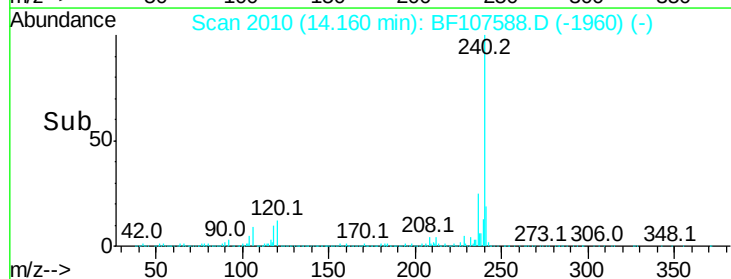
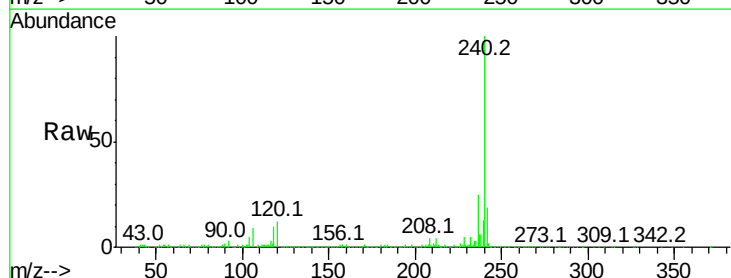
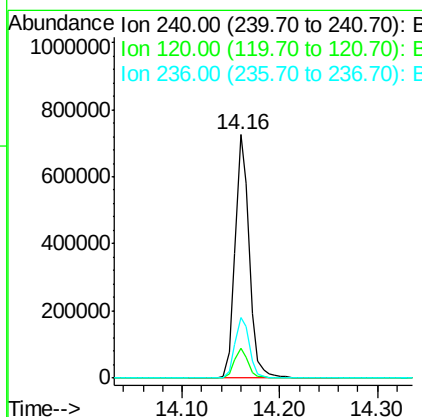
Manual Integrations
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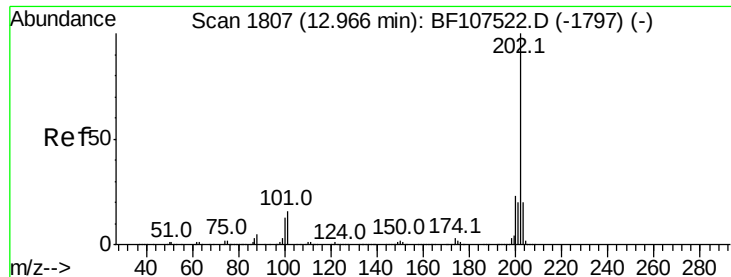
Sohil
 7/24/2018 5:26:02 PM



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: BF107588.D
 Acq: 23 Jul 2018 15:18

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.3	9.5	14.3
236	25.1	20.7	31.1





#77

Pvrene

Concen: 4.527 ng

RT: 12.96 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BF107588.D

Acq: 23 Jul 2018 15:18

Instrument :

BNA_F

ClientSampled :

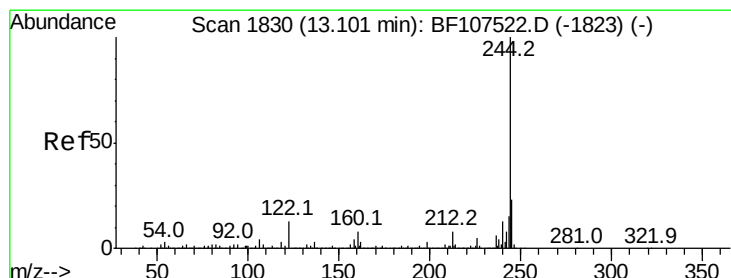
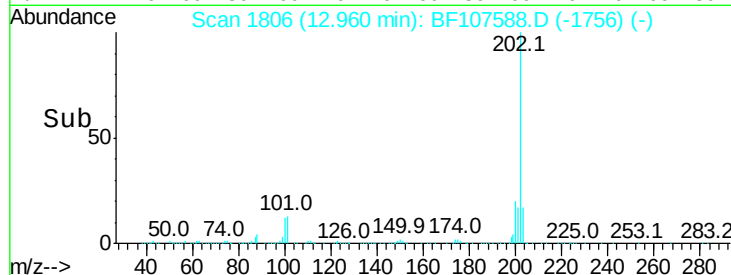
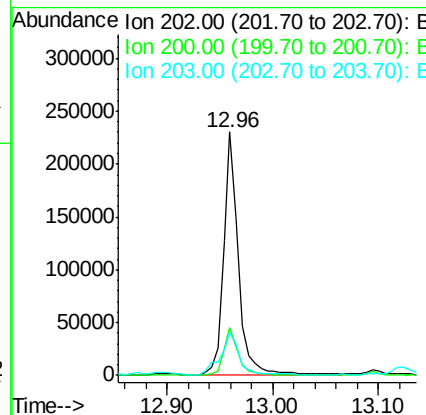
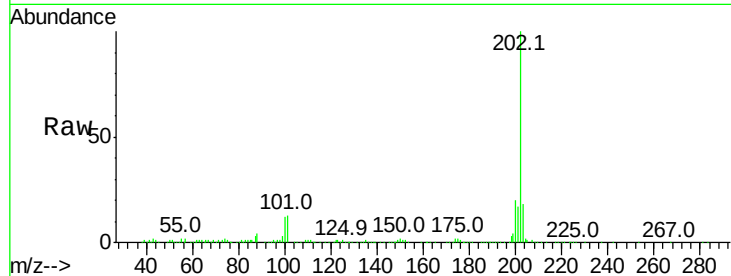
TP-9

Tot Ion:	202	Resp:	226850
Ion Ratio	Lower	Upper	
202	100		
200	19.7	17.4	26.2
203	17.6	14.3	21.5

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#78

Terphenyl-d14

Concen: 54.671 ng

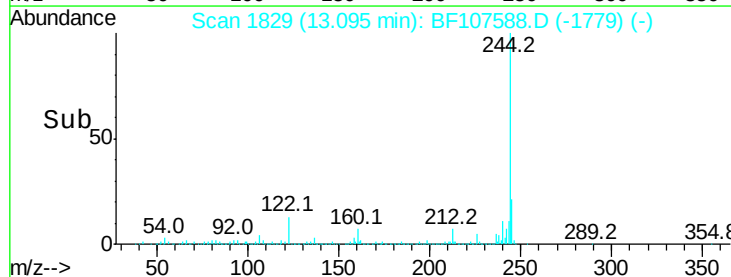
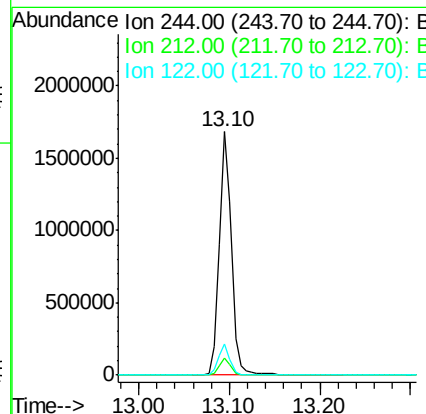
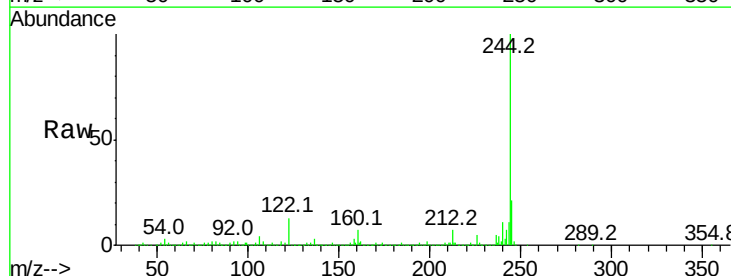
RT: 13.10 min Scan# 1829

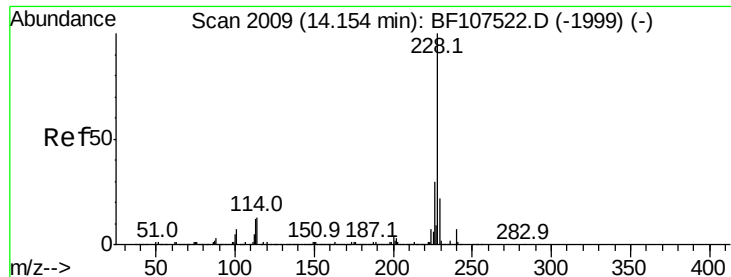
Delta R.T. -0.00 min

Lab File: BF107588.D

Acq: 23 Jul 2018 15:18

Tgt Ion:	244	Resp:	1564400
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.4	8.0
122	12.6	11.0	16.4





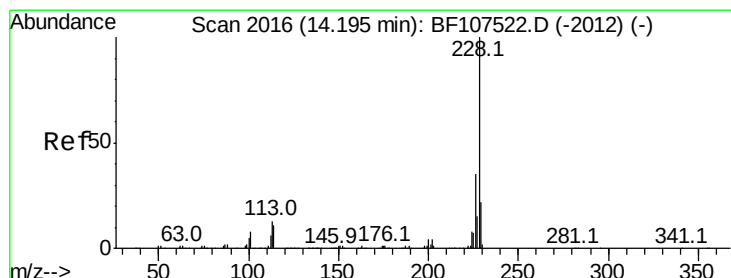
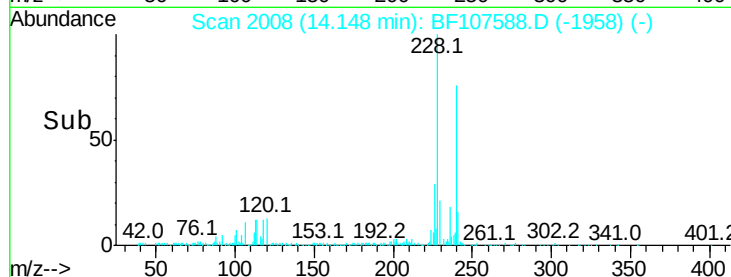
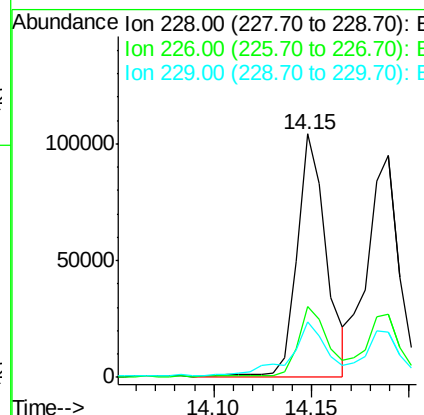
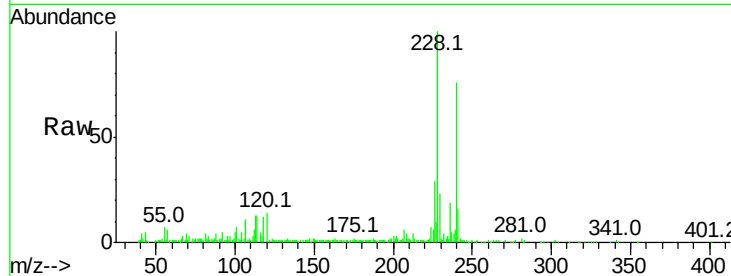
#80
Benzo(a)anthracene
Concen: 2.497 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF107588.D
Acq: 23 Jul 2018 15:18

Instrument :
BNA_F
ClientSampled :
TP-9

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.6	33.8
229	22.9	15.8	23.6

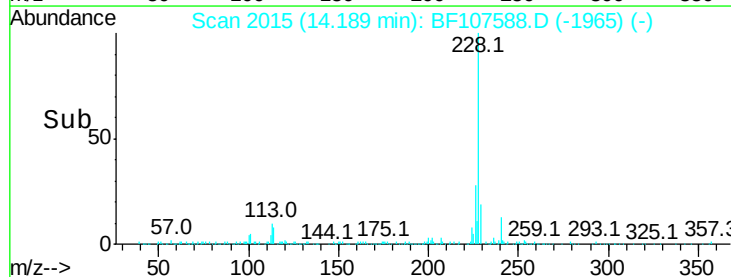
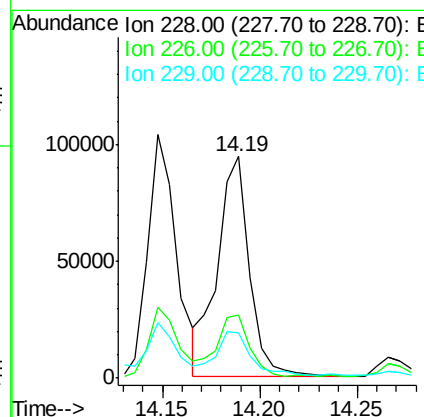
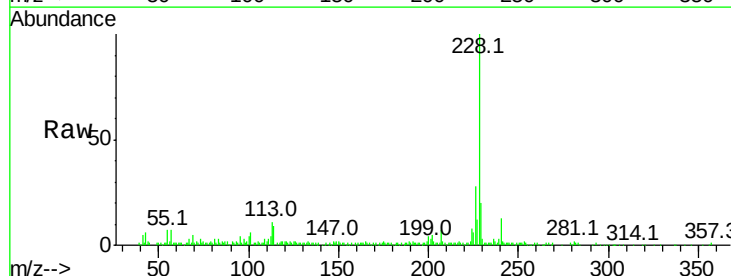
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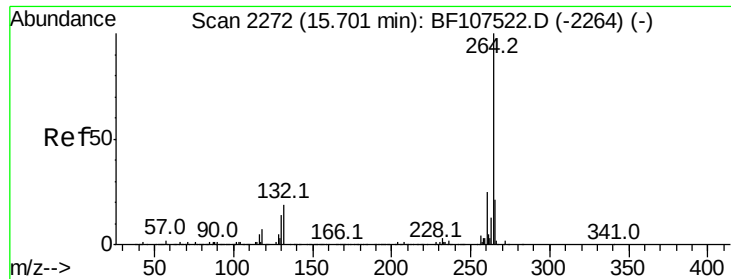
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#82
Chrysene
Concen: 2.647 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF107588.D
Acq: 23 Jul 2018 15:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	25.0	37.6
229	20.3	16.2	24.4





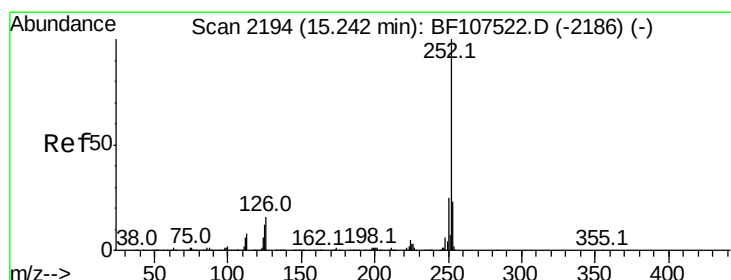
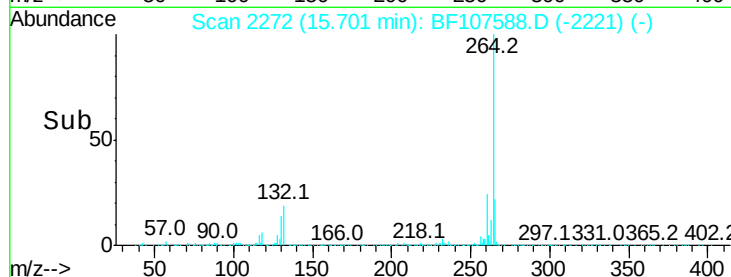
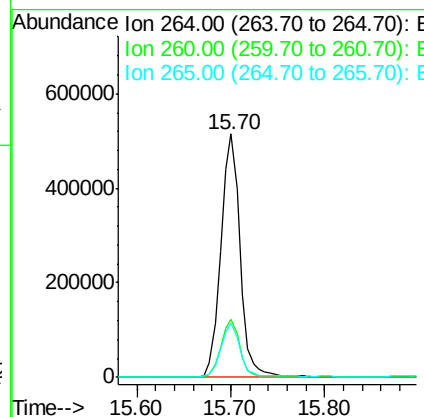
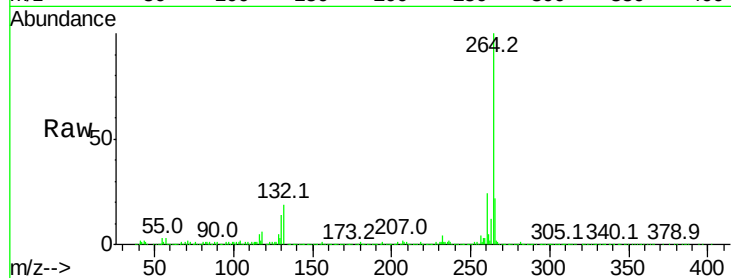
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2272
Delta R.T. 0.00 min
Lab File: BF107588.D
Acq: 23 Jul 2018 15:18

Instrument :
BNA_F
ClientSampleId :
TP-9

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.1	17.5	26.3

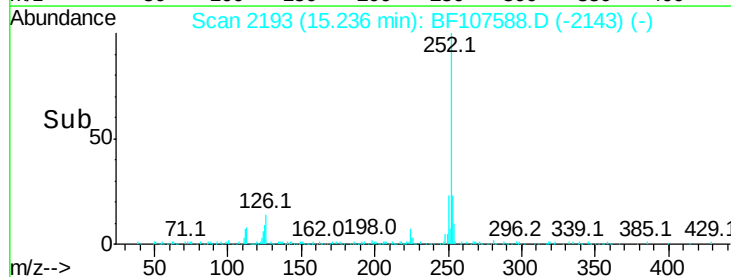
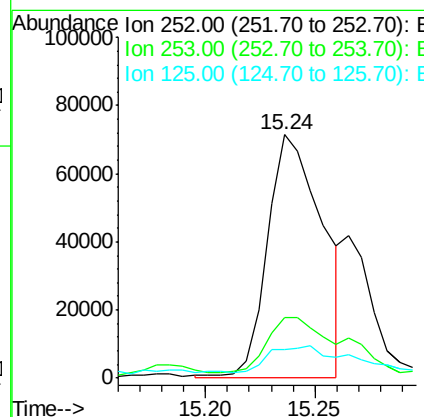
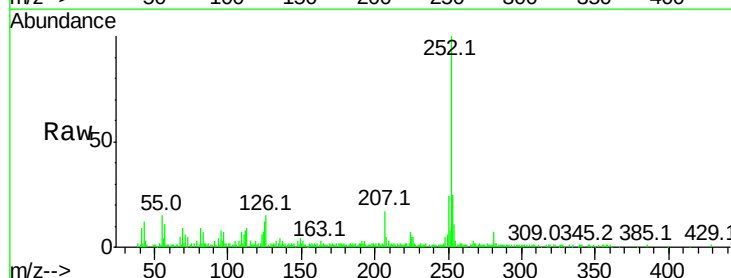
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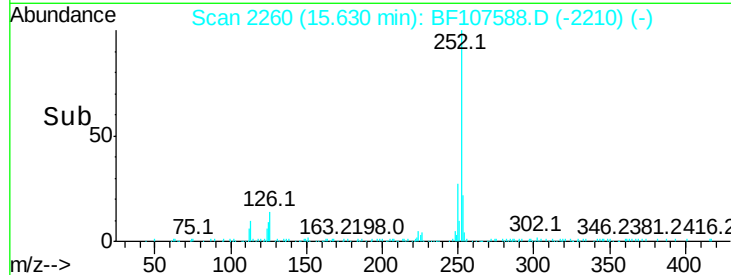
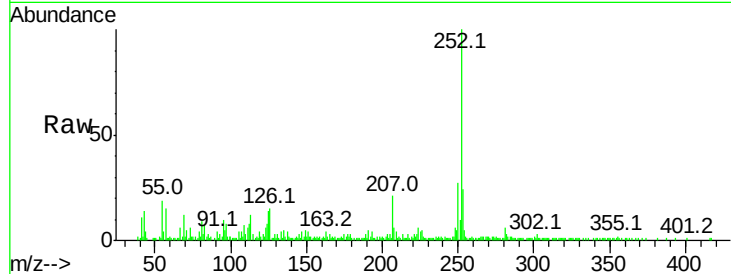
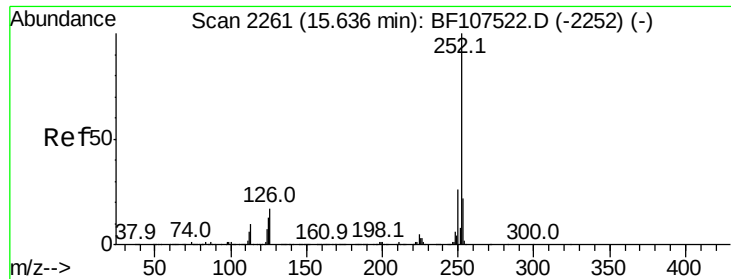
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#87
Benzo(b)fluoranthene
Concen: 3.109 ng m
RT: 15.24 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BF107588.D
Acq: 23 Jul 2018 15:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.0	25.6
125	11.9	9.0	13.6





#89
 Benzo(a)pyrene
 Concen: 2.237 ng
 RT: 15.63 min Scan# 2260
 Delta R.T. -0.01 min
 Lab File: BF107588.D
 Acq: 23 Jul 2018 15:18

Instrument :
 BNA_F
 ClientSampleId :
 TP-9

Tot Ion:	252	Resp:	82656
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.1	25.7
125	13.9	9.8	14.6

Manual Integrations
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 7/24/2018 5:26:02 PM

