

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
 Data File : BF107104.D
 Acq On : 4 Jul 2018 2:10
 Operator : JU/SJ
 Sample : J3816-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 159-CONC-FLOOR

Manual Integrations
 APPROVED

Sohil
 7/5/2018 4:29:41 PM

Quant Time: Jul 05 05:54:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	50072	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	182194	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	79413	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	157601	20.00	ng	0.00
75) Chrysene-d12	14.15	240	117726	20.00	ng	-0.01
86) Perylene-d12	15.70	264	91951	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	68569	23.19	ng	0.01
7) Phenol-d6	6.62	99	80759	21.87	ng	0.00
23) Nitrobenzene-d5	7.52	82	42474	12.96	ng	-0.02
41) 2,4,6-Tribromophenol	10.81	330	17784	19.32	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	85022	4.08	ng	-0.02
78) Terphenyl-d14	13.08	244	106722	21.96	ng	0.00
Target Compounds						
22) Acetophenone	7.36	105	16131	3.957	ng	Qvalue # 97
31) Naphthalene	8.26	128	42133	4.946	ng	100
32) Benzoic acid	8.01	122	11778	11.569	ng	94
49) Dimethylphthalate	9.70	163	17824	2.993	ng	# 92
59) Diethylphthalate	10.40	149	18189	3.164	ng	# 91
73) Di-n-butylphthalate	12.04	149	562051	65.677	ng	99
74) Fluoranthene	12.72	202	18495	2.207	ng	96
79) Butylbenzylphthalate	13.57	149	1002487	314.077	ng	# 96
83) Bis(2-ethylhexyl)phthalate	14.10	149	482027	118.124	ng	# 96

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

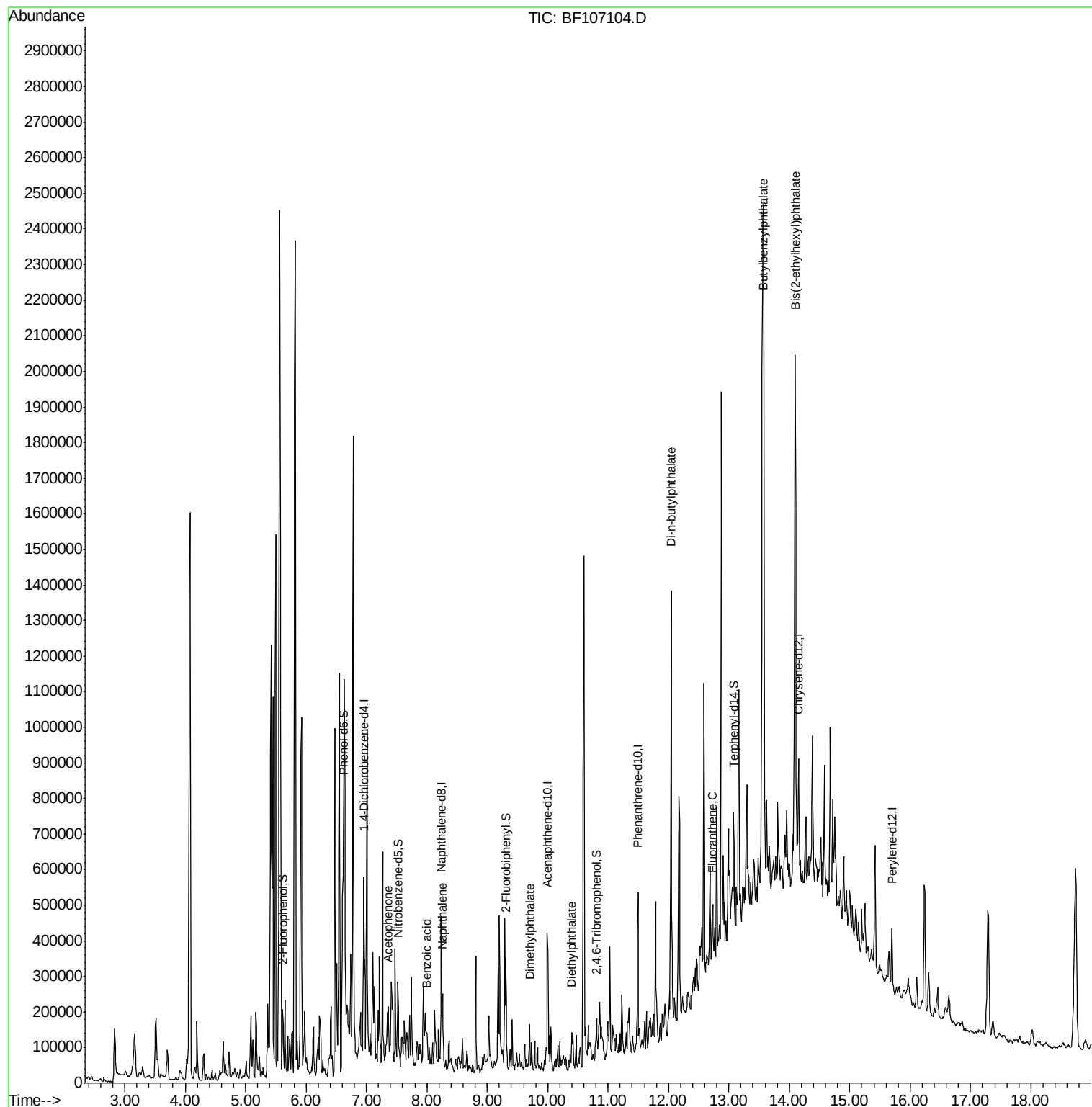
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
Data File : BF107104.D
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Operator : JU/SJ
Sample : J3816-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

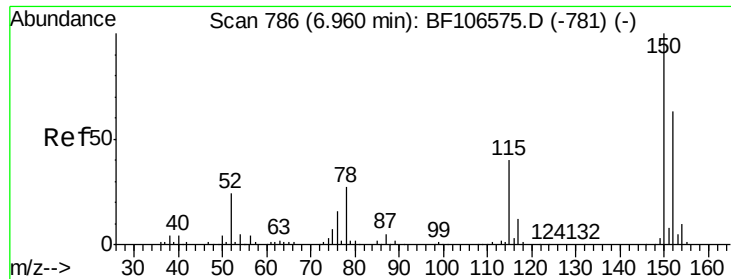
Instrument :
BNA_F
ClientSampleId :
159-CONC-FLOOR

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

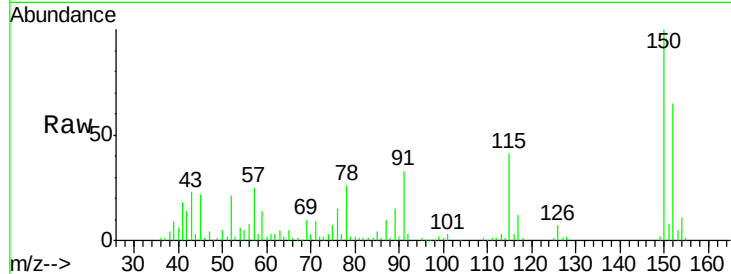
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107104.D
Acq: 4 Jul 2018 2:10

Instrument :
BNA_F
ClientSampleId :
159-CONC-FLOOR

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.6	186.8
115	63.6	50.1	75.1

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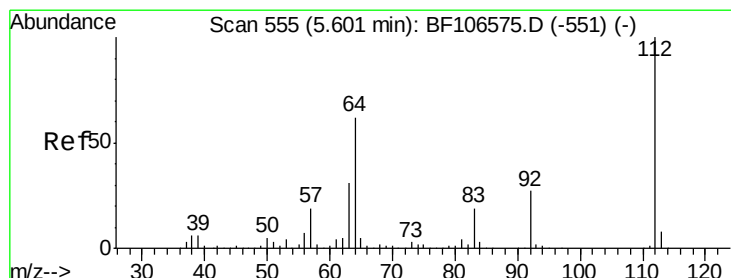
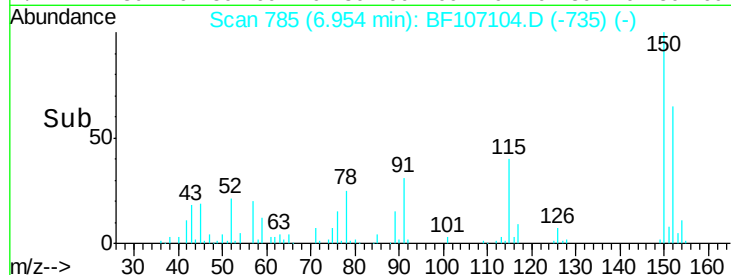
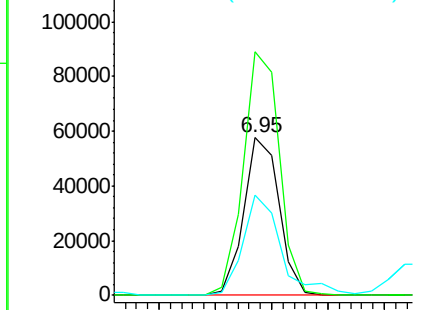


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

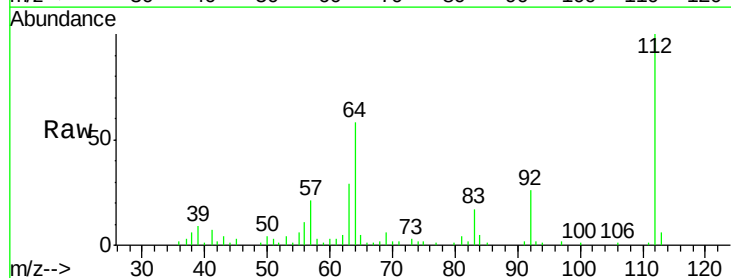
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 23.188 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF107104.D
Acq: 4 Jul 2018 2:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	47.9	71.9
63	29.1	23.7	35.5

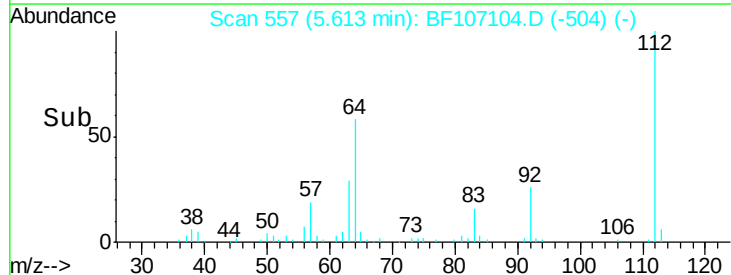
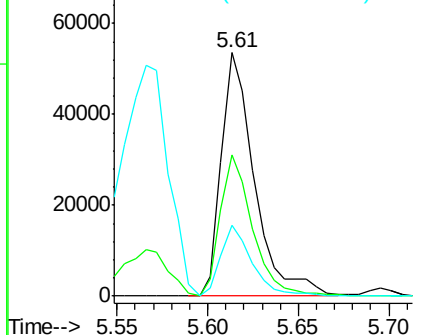


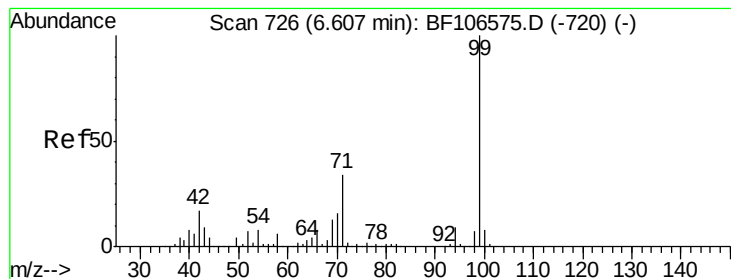
Abundance

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: 21.870 ng

RT: 6.62 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF107104.D

Acq: 4 Jul 2018 2:10

Instrument :

BNA_F

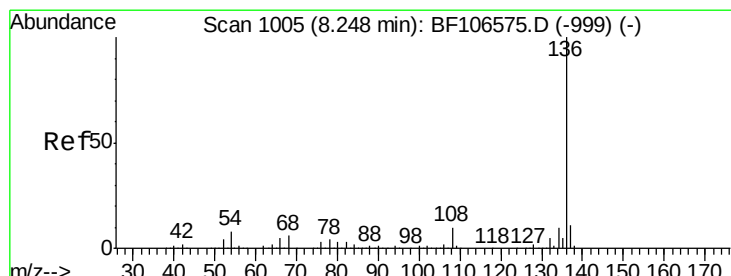
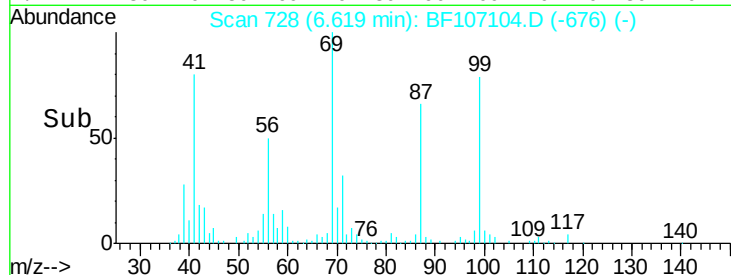
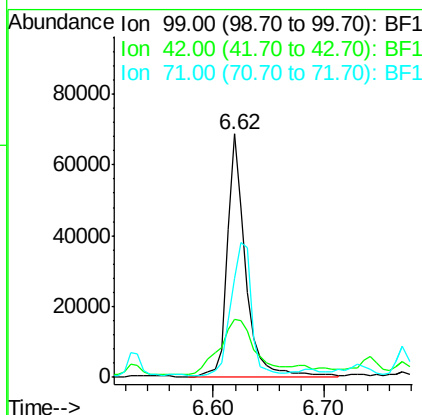
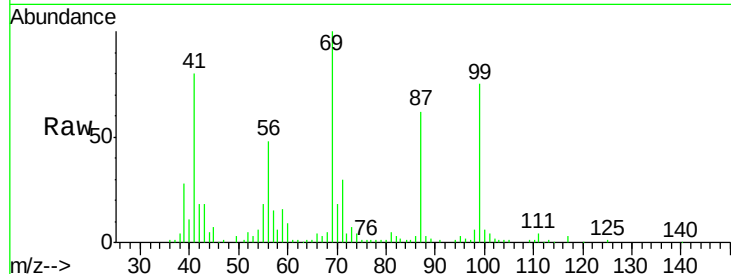
ClientSampleId :

159-CONC-FLOOR

Tot Ion:	99	Resp:	80759
Ion Ratio	Lower	Upper	
99	100		
42	23.8	14.5	21.7#
71	40.4	25.4	38.0#

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#21

Naphthalene-d8

Concen: 20.000 ng

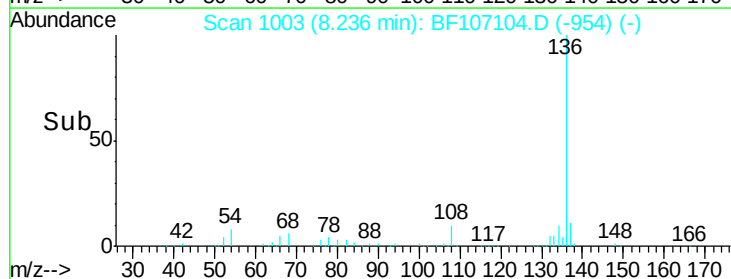
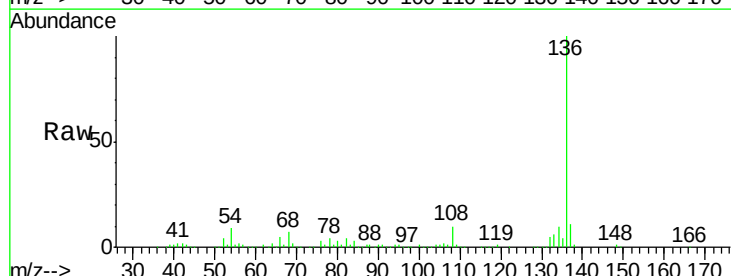
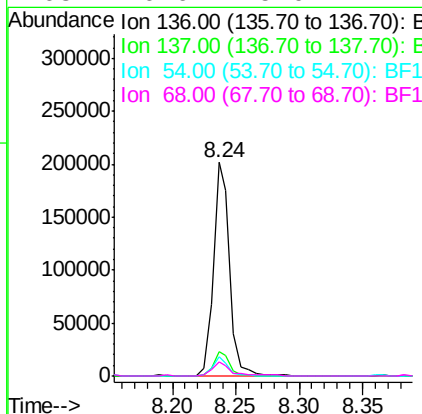
RT: 8.24 min Scan# 1003

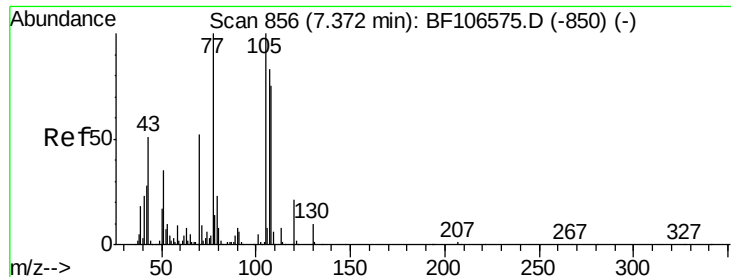
Delta R.T. -0.01 min

Lab File: BF107104.D

Acq: 4 Jul 2018 2:10

Tgt Ion:	136	Resp:	182194
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	8.7	6.6	9.8
68	6.6	5.0	7.4





#22

Acetophenone

Concen: 3.957 ng

RT: 7.36 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF107104.D

Acq: 4 Jul 2018 2:10

Instrument :

BNA_F

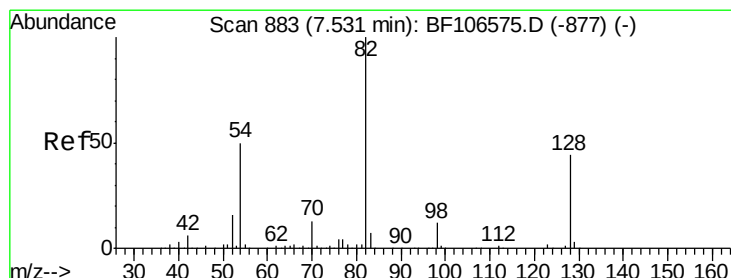
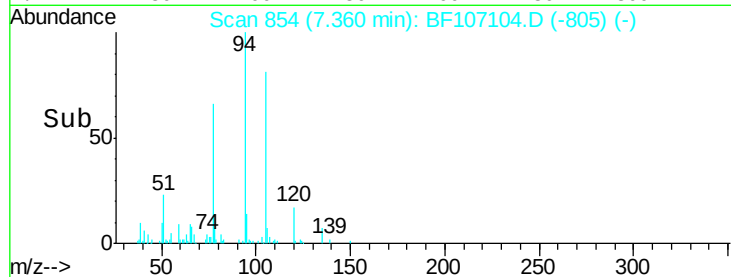
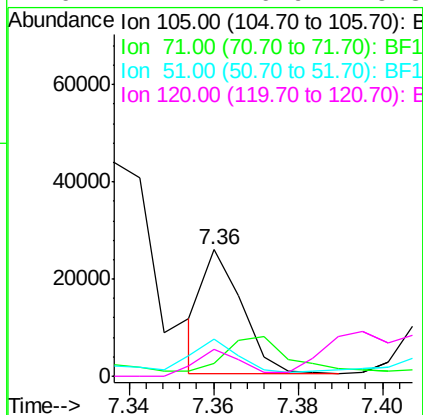
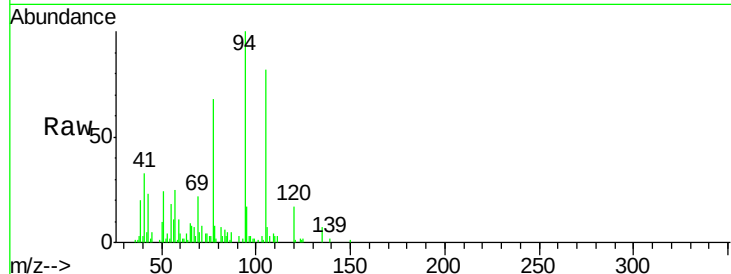
ClientSampleId :

159-CONC-FLOOR

Tot Ion	Ion	Ratio	Resp	Lower	Upper
105	105	100	16131		
71	71	10.3	4.4	6.6#	
51	51	29.3	22.3	33.5	
120	120	21.1	16.9	25.3	

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#23

Nitrobenzene-d5

Concen: 12.956 ng

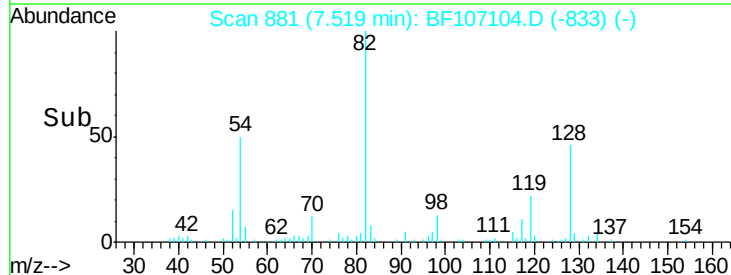
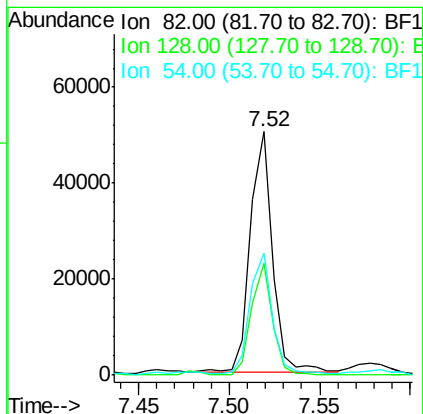
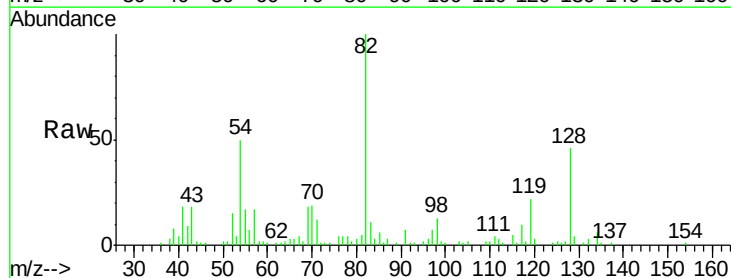
RT: 7.52 min Scan# 881

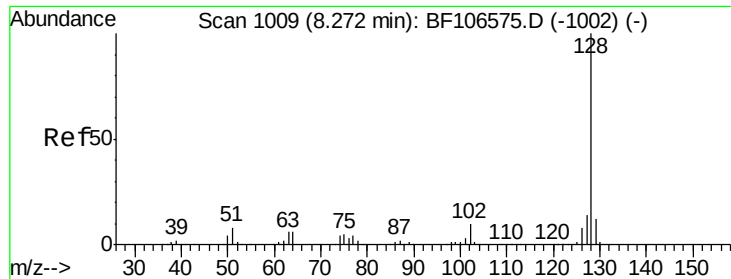
Delta R.T. -0.02 min

Lab File: BF107104.D

Acq: 4 Jul 2018 2:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	82	100	42474		
128	128	45.8	36.1	54.1	
54	54	49.9	41.4	62.2	





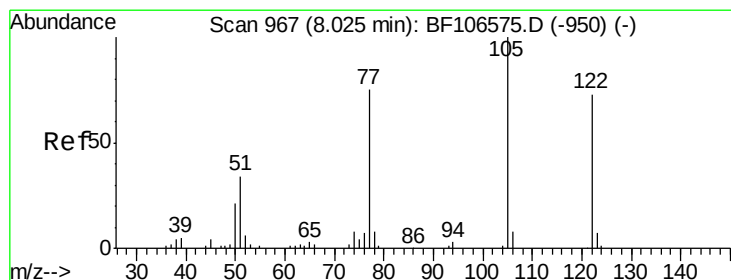
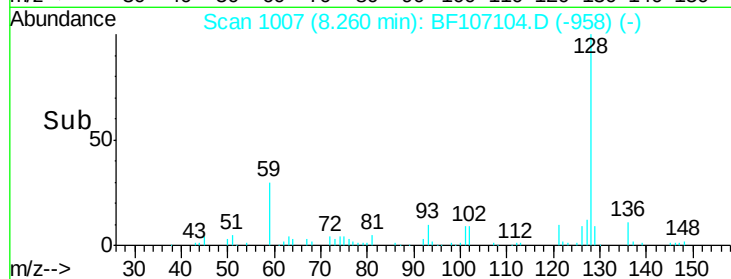
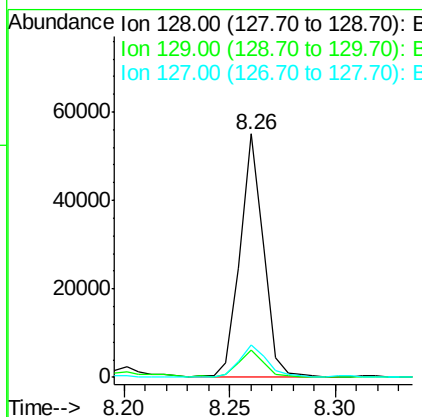
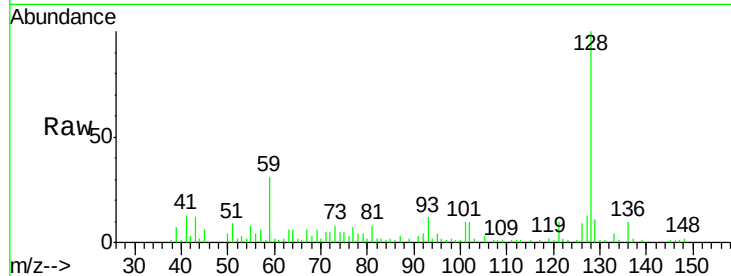
#31
Naphthalene
Concen: 4.946 ng
RT: 8.26 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF107104.D
Acq: 4 Jul 2018 2:10

Instrument :
BNA_F
ClientSampleId :
159-CONC-FLOOR

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.4	10.9	16.3

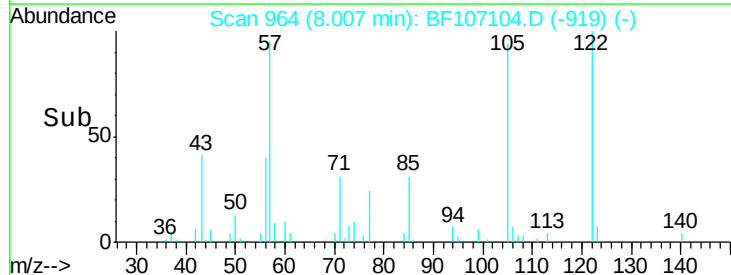
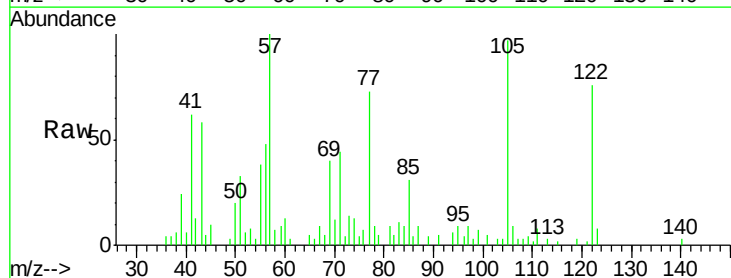
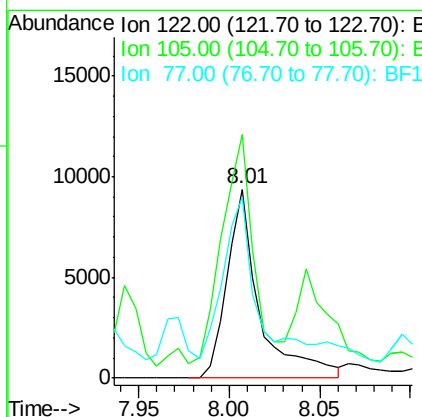
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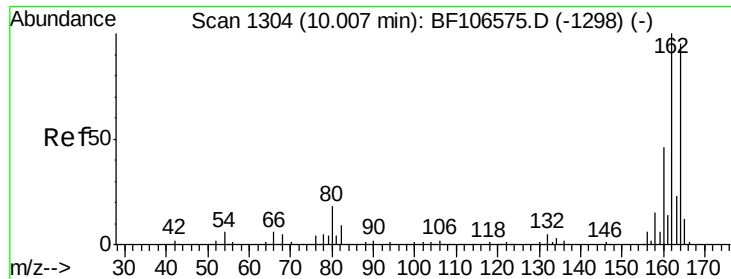
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#32
Benzoic acid
Concen: 11.569 ng
RT: 8.01 min Scan# 964
Delta R.T. -0.04 min
Lab File: BF107104.D
Acq: 4 Jul 2018 2:10

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.8	101.1	141.1
77	95.9	70.7	110.7





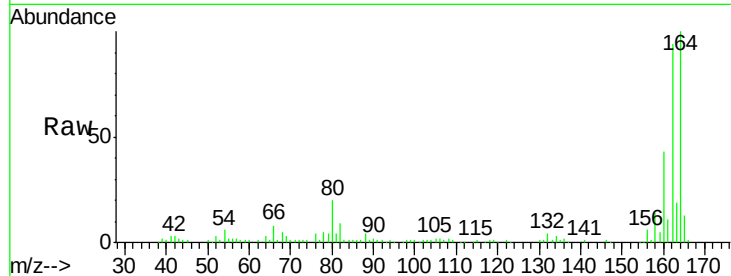
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF107104.D
Acq: 4 Jul 2018 2:10

Instrument :
BNA_F
ClientSampleId :
159-CONC-FLOOR

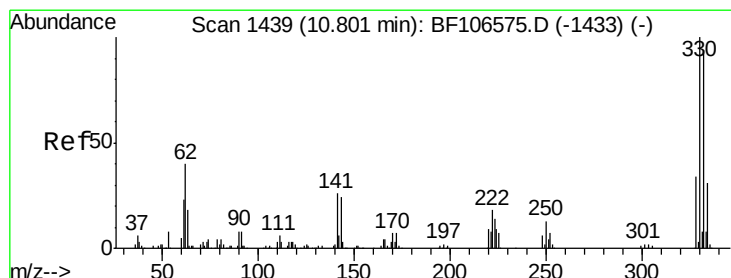
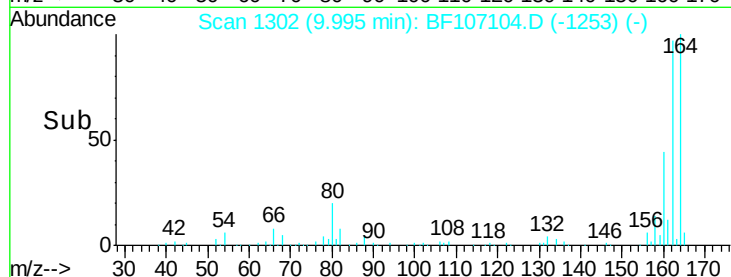
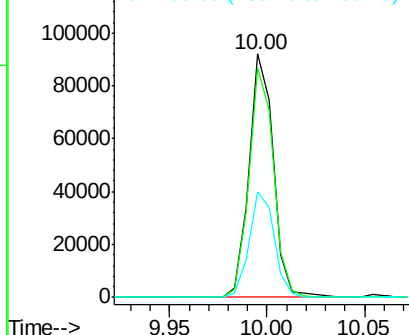
Tot Ion	Ratio	Lower	Upper
164	100		
162	94.2	86.1	129.1
160	43.1	38.3	57.5

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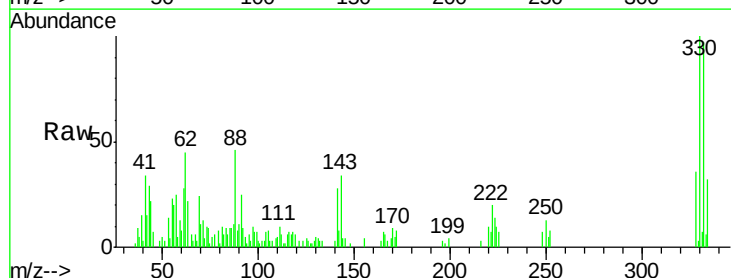


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

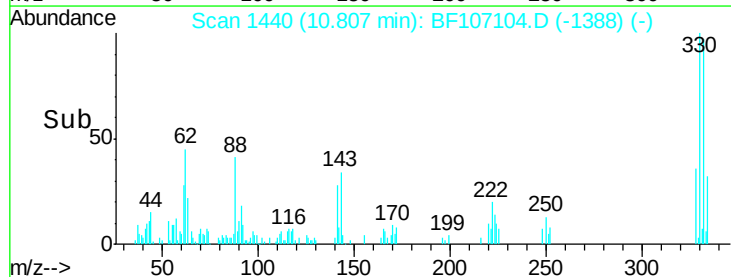
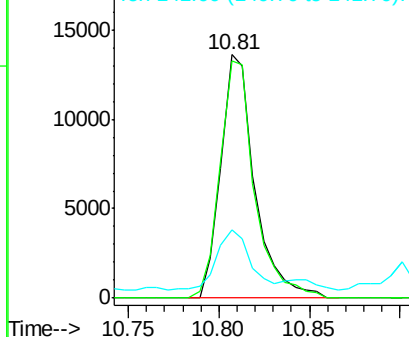


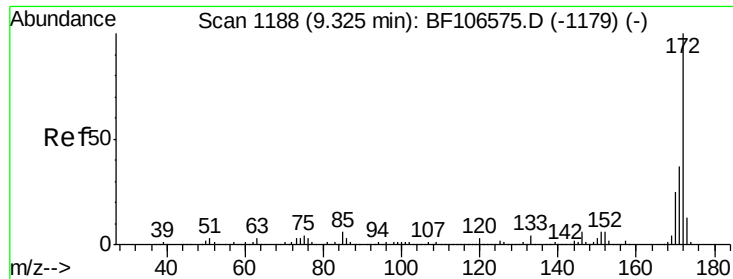
#41
2,4,6-Tribromophenol
Concen: 19.322 ng
RT: 10.81 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF107104.D
Acq: 4 Jul 2018 2:10

Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.5	77.0	115.6
141	23.0	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





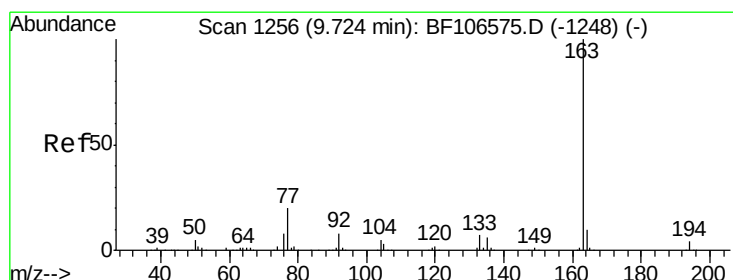
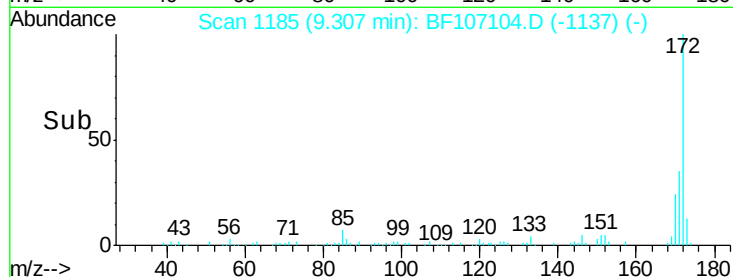
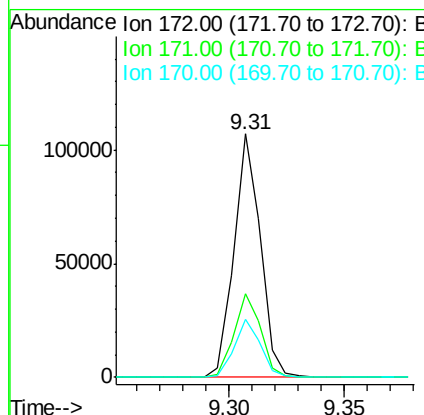
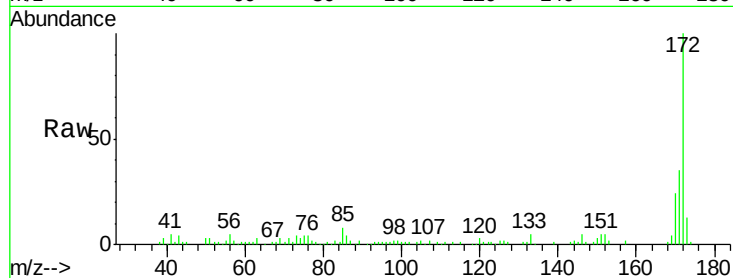
#44
2-Fluorobiphenyl
Concen: 4.078 ng
RT: 9.31 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF107104.D
Acq: 4 Jul 2018 2:10

Instrument :
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ClientSampleId :
159-CONC-FLOOR

Tot Ion	Ratio	Resp	Lower	Upper
172	100	85022		
171	34.5		29.7	44.5
170	23.7		19.6	29.4

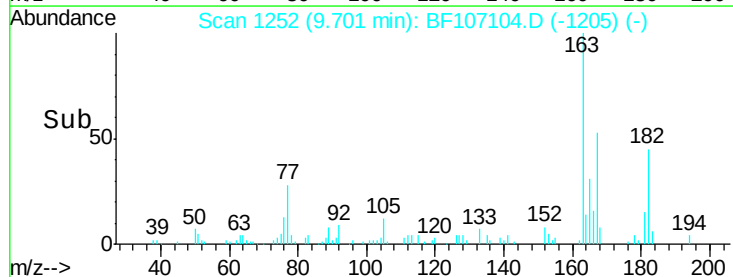
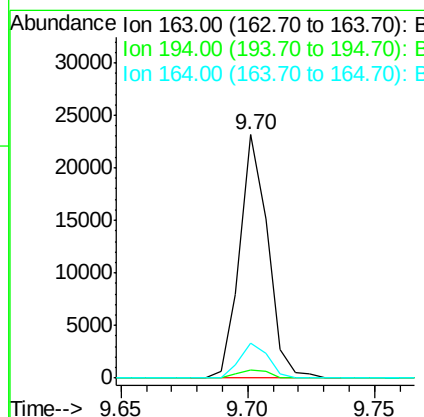
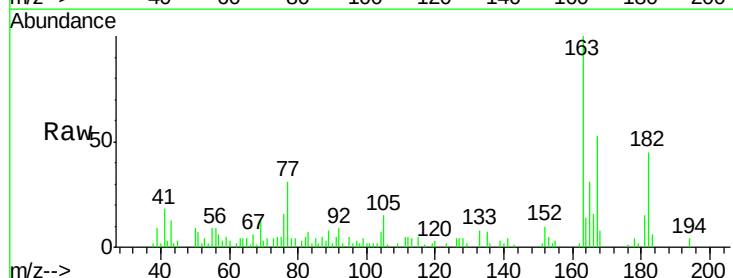
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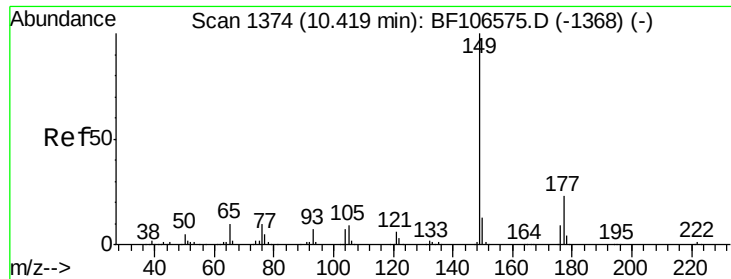
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#49
Dimethylphthalate
Concen: 2.993 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF107104.D
Acq: 4 Jul 2018 2:10

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	17824		
194	3.5		2.7	4.1
164	14.3		8.2	12.2#





#59

Diethylphthalate

Concen: 3.164 ng

RT: 10.40 min Scan# 1371

Delta R.T. -0.02 min

Lab File: BF107104.D

Acq: 4 Jul 2018 2:10

Instrument :

BNA_F

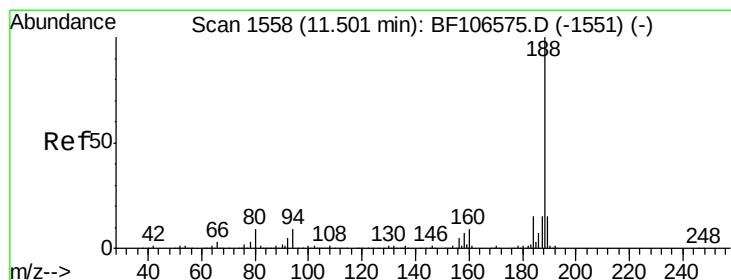
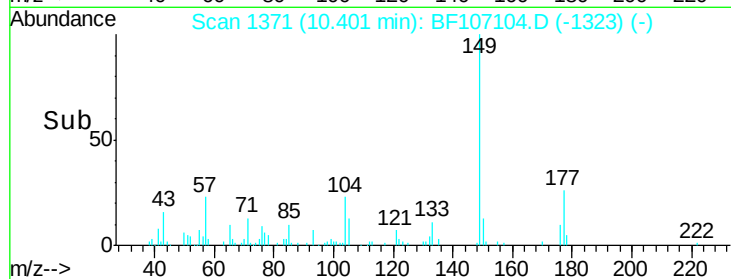
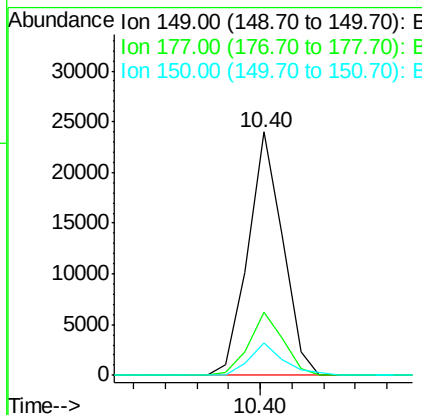
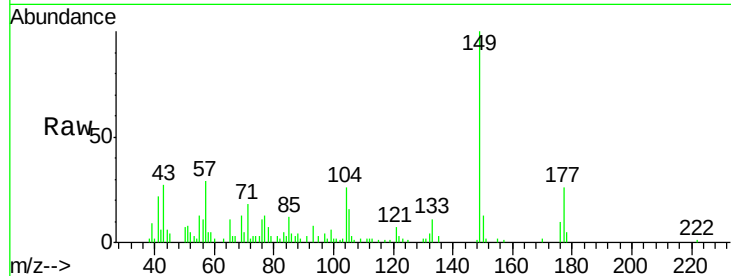
ClientSampleId :

159-CONC-FLOOR

Tot Ion	Ratio	Lower	Upper
149	100		
177	25.9	16.1	24.1#
150	13.3	10.1	15.1

Manual Integrations
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#63

Phenanthrene-d10

Concen: 20.000 ng

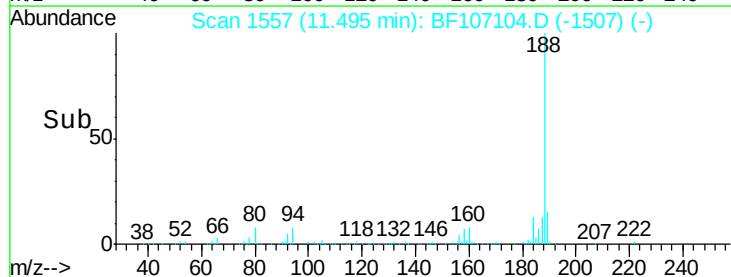
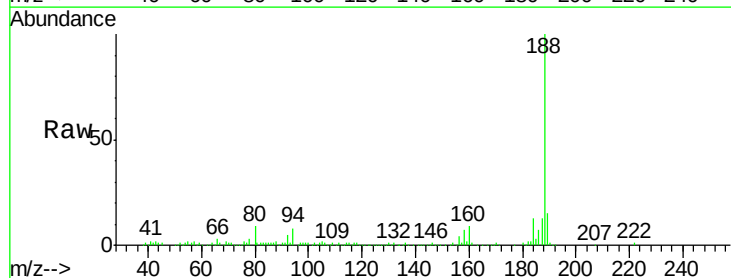
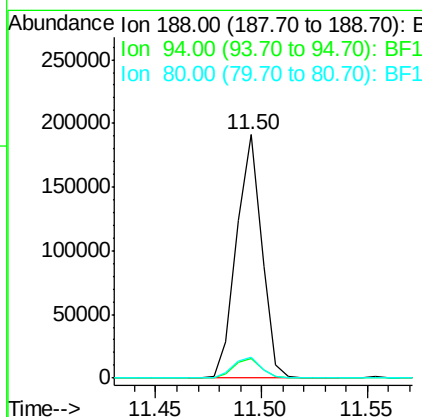
RT: 11.50 min Scan# 1557

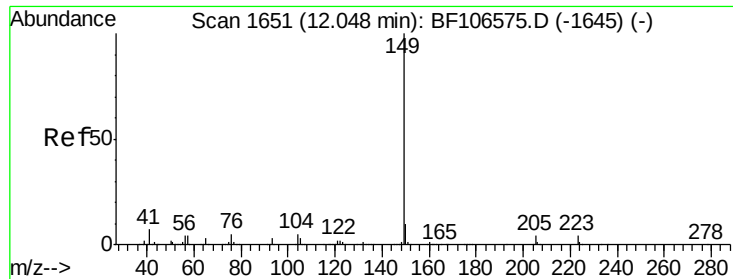
Delta R.T. -0.01 min

Lab File: BF107104.D

Acq: 4 Jul 2018 2:10

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.5	12.7#
80	8.5	9.2	13.8#





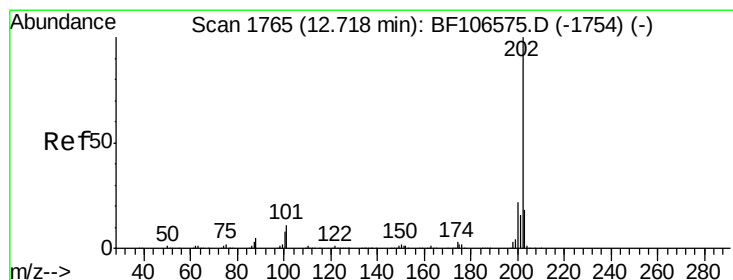
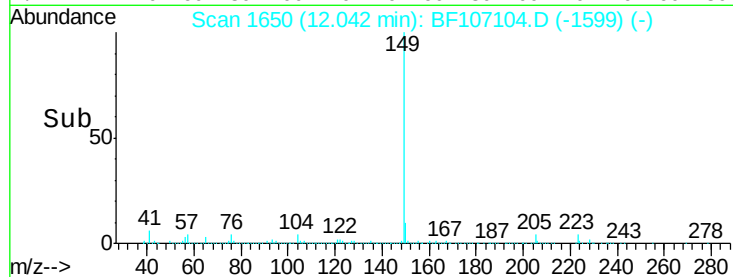
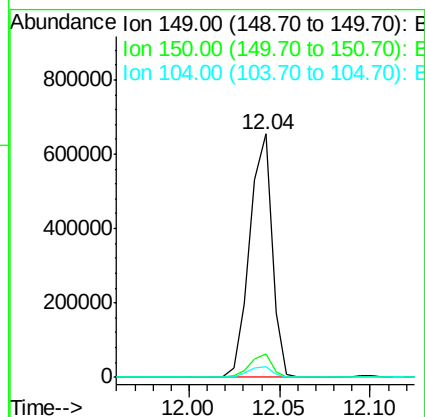
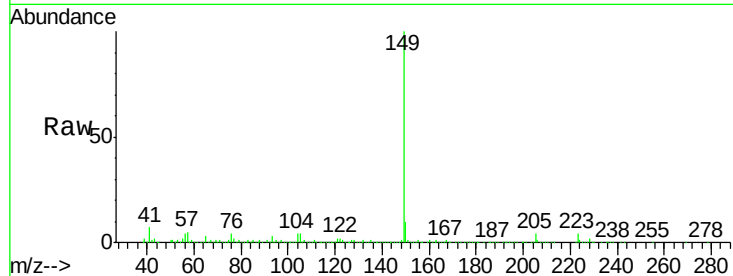
#73
Di-n-butylphthalate
Concen: 65.677 ng
RT: 12.04 min Scan# 1650
Delta R.T. -0.00 min
Lab File: BF107104.D
Acq: 4 Jul 2018 2:10

Instrument :
BNA_F
ClientSampleId :
159-CONC-FLOOR

Tot Ion:	149	Resp:	562051
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.8	11.6
104	4.4	3.8	5.8

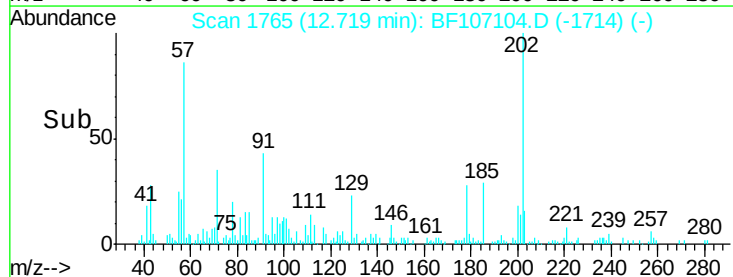
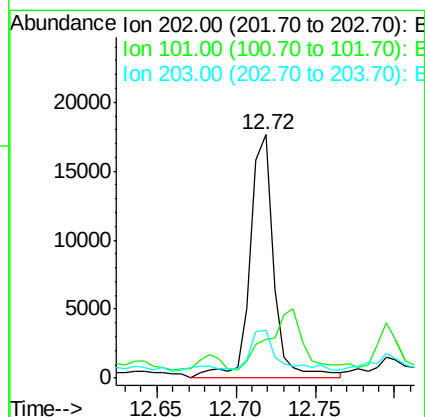
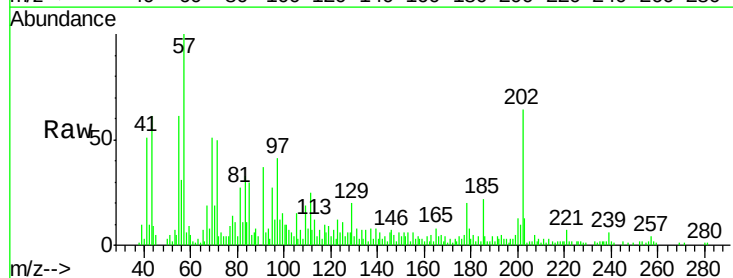
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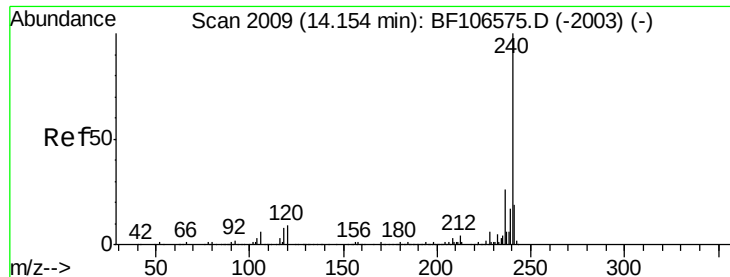
Sohil
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#74
Fluoranthene
Concen: 2.207 ng
RT: 12.72 min Scan# 1765
Delta R.T. -0.00 min
Lab File: BF107104.D
Acq: 4 Jul 2018 2:10

Tgt Ion:	202	Resp:	18495
Ion Ratio	Lower	Upper	
202	100		
101	16.1	0.0	34.1
203	19.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF107104.D

Acq: 4 Jul 2018 2:10

Instrument :

BNA_F

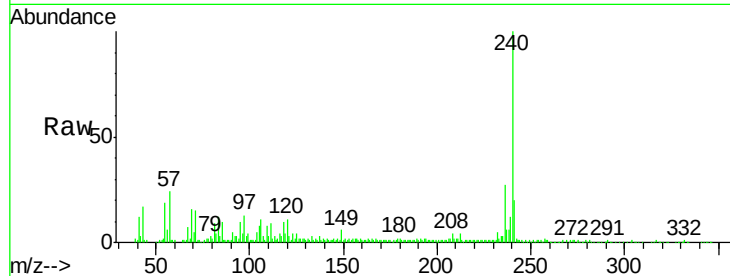
ClientSampleId :

159-CONC-FLOOR

Tot Ion:	240	Resp:	117726
Ion Ratio	Lower	Upper	
240	100		
120	11.3	9.5	14.3
236	26.7	20.7	31.1

Manual Integrations
APPROVED

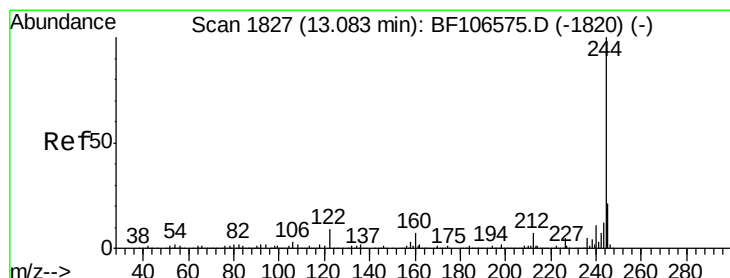
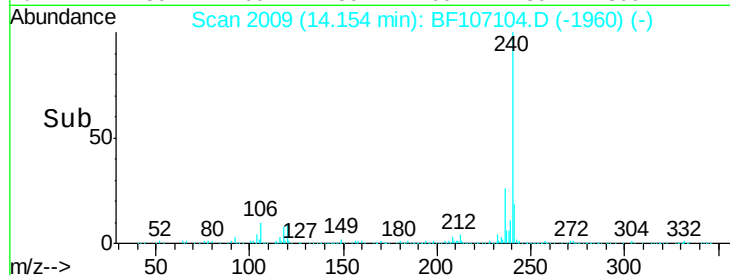
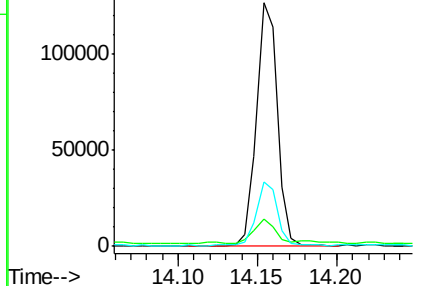
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 21.959 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF107104.D

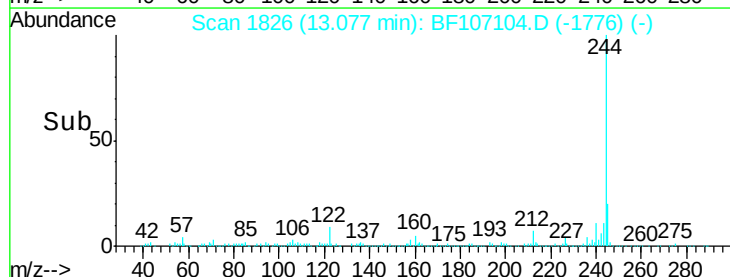
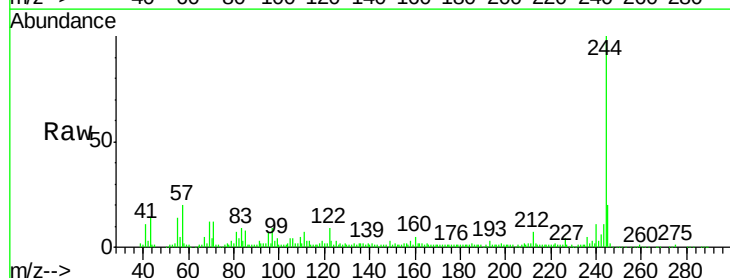
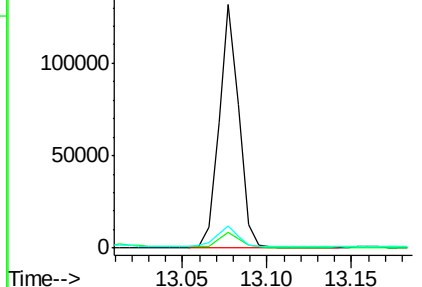
Acq: 4 Jul 2018 2:10

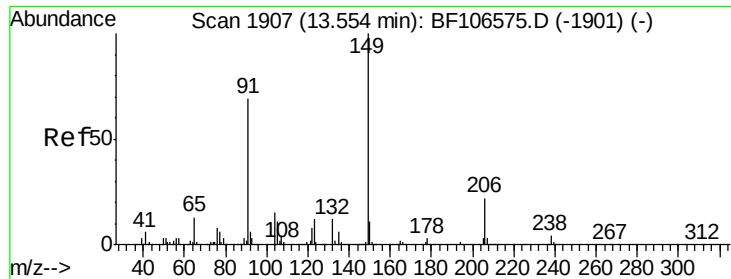
Tgt Ion:	244	Resp:	106722
Ion Ratio	Lower	Upper	
244	100		
212	6.5	5.4	8.0
122	9.3	11.0	16.4#

Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





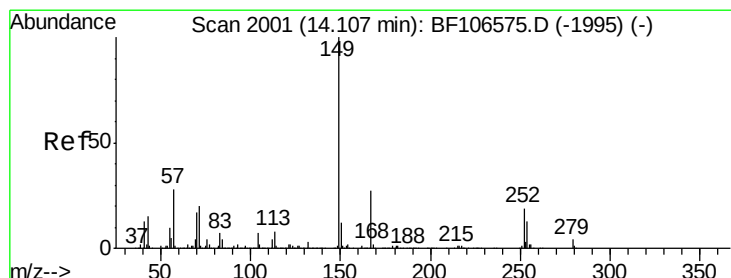
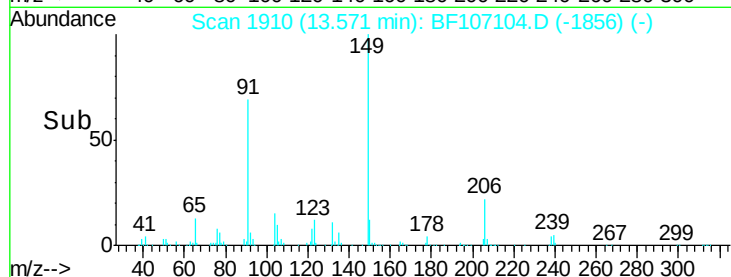
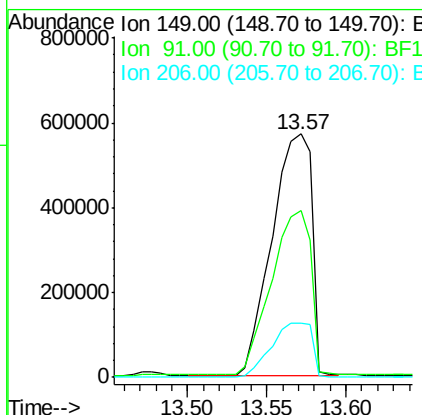
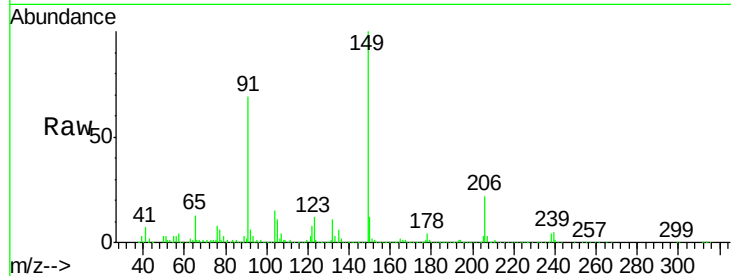
#79
Butylbenzylphthalate
Concen: 314.077 ng
RT: 13.57 min Scan# 1910
Delta R.T. 0.02 min
Lab File: BF107104.D
Acq: 4 Jul 2018 2:10

Instrument :
BNA_F
ClientSampleId :
159-CONC-FLOOR

Tot Ion	Ratio	Lower	Upper
149	100		
91	68.6	56.8	85.2
206	22.1	14.1	21.1

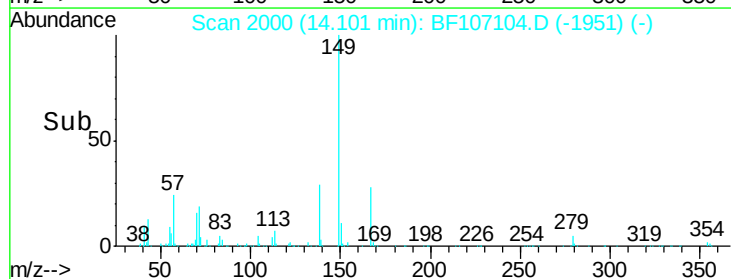
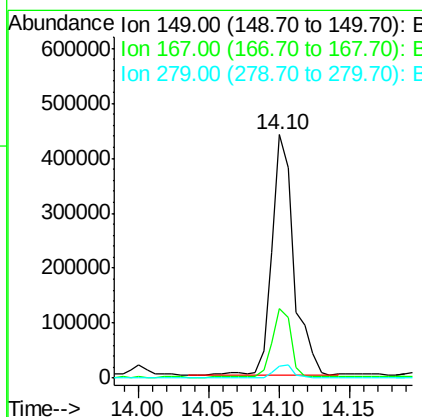
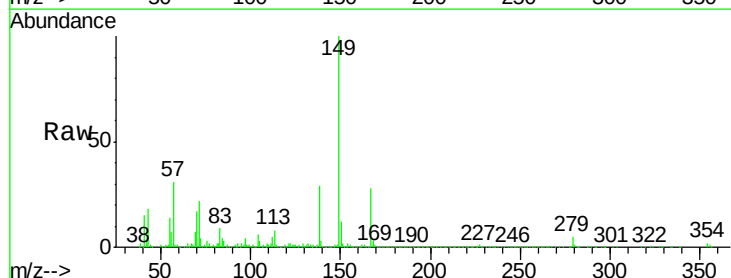
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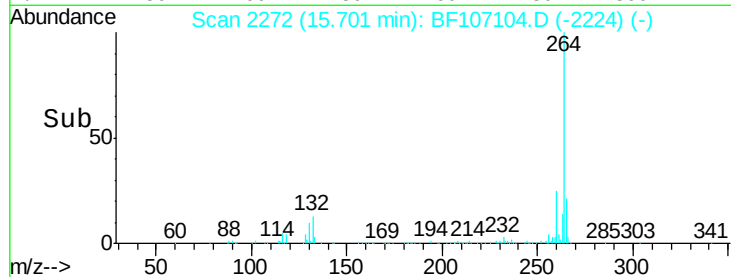
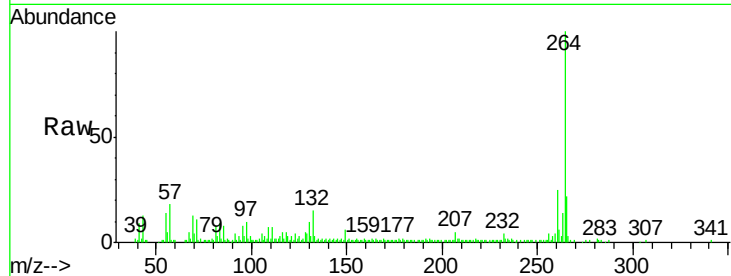
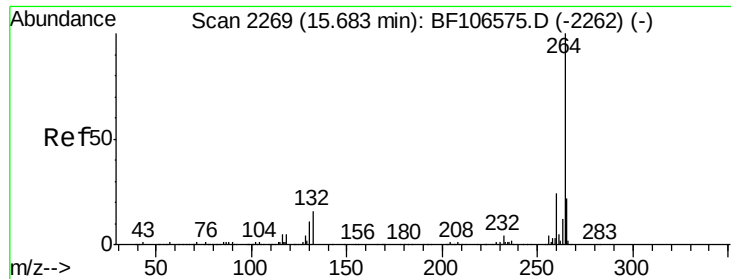
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#83
Bis(2-ethylhexyl)phthalate
Concen: 118.124 ng
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF107104.D
Acq: 4 Jul 2018 2:10

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.5	21.3	31.9
279	4.8	3.0	4.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2272
Delta R.T. -0.02 min
Lab File: BF107104.D
Acq: 4 Jul 2018 2:10

Instrument :
BNA_F
ClientSampleId :
159-CONC-FLOOR

Tot Ion:	264	Resp:	91951
Ion Ratio	Lower	Upper	
264	100		
260	25.4	19.2	28.8
265	21.9	17.5	26.3

Manual Integrations
APPROVED

Sohil
7/5/2018 4:29:41 PM

