

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
 Data File : BF107418.D
 Acq On : 16 Jul 2018 22:28
 Operator : JU/SJ
 Sample : J3545-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1

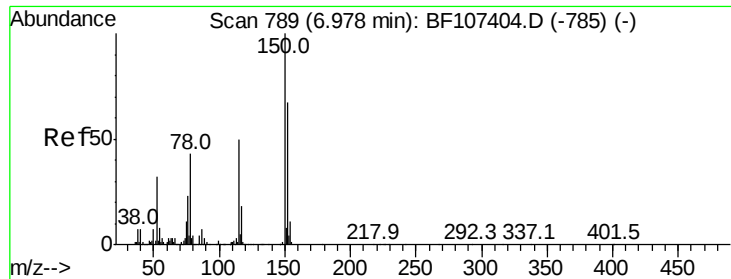
Manual Integrations
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Quant Time: Jul 17 16:09:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 16 17:24:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	171720	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	604186	20.00	ng	0.02
38) Acenaphthene-d10	10.05	164	228613	20.00	ng	0.03
63) Phenanthrene-d10	11.54	188	420293	20.00	ng	0.03
75) Chrysene-d12	14.18	240	358244	20.00	ng	0.02
86) Perylene-d12	15.72	264	352459	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	368168	32.56	ng	0.02
7) Phenol-d6	6.73	99	734066m	50.22	ng	0.14
23) Nitrobenzene-d5	7.57	82	1289283	113.79	ng	0.02
41) 2,4,6-Tribromophenol	10.87	330	251686	125.30	ng	0.06
44) 2-Fluorobiphenyl	9.37	172	1516323	114.33	ng	0.03
78) Terphenyl-d14	13.12	244	1295687	89.86	ng	0.02
Target Compounds						
10) Phenol	6.75	94	1380748m	88.102	ng	Qvalue
20) 3+4-Methylphenols	7.51	107	440312m	31.883	ng	
31) Naphthalene	8.30	128	387423	13.201	ng	# 69
73) Di-n-butylphthalate	12.10	149	104495	4.604	ng	# 81
83) Bis(2-ethylhexyl)phthalate	14.15	149	2089177	164.294	ng	# 91

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



#1

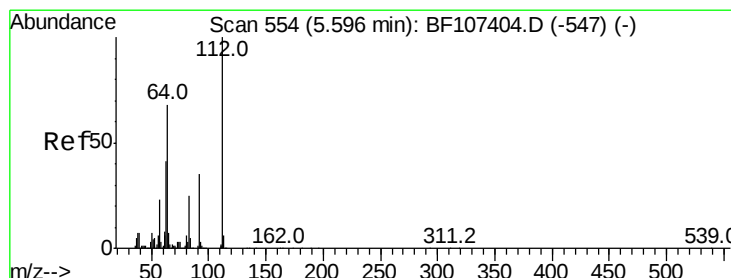
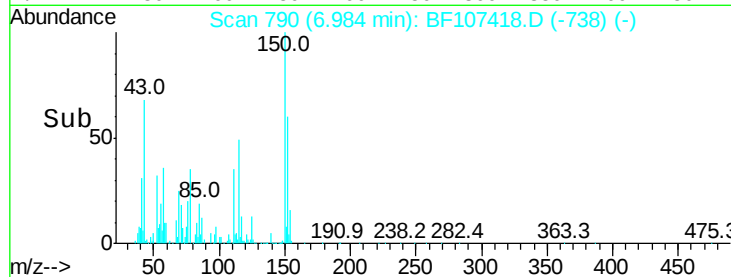
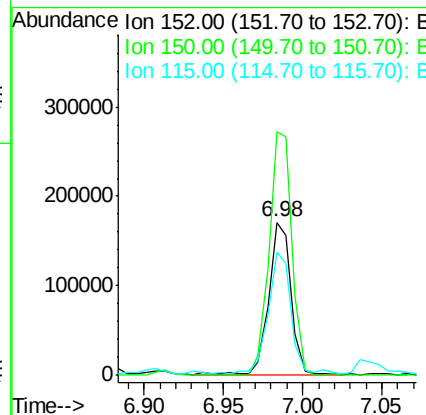
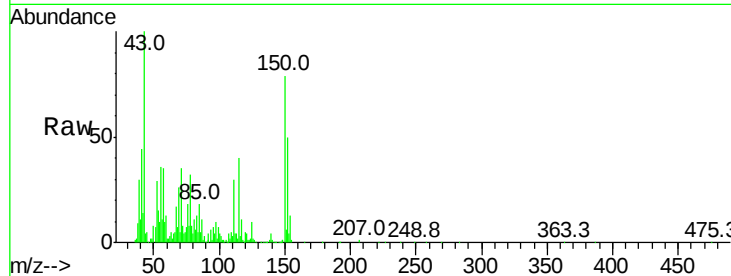
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.01 min
Lab File: BF107418.D
Acq: 16 Jul 2018 22:28

Instrument :
BNA_F
ClientSampleId :
DRUM-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.6	186.8
115	80.4	50.1	75.1

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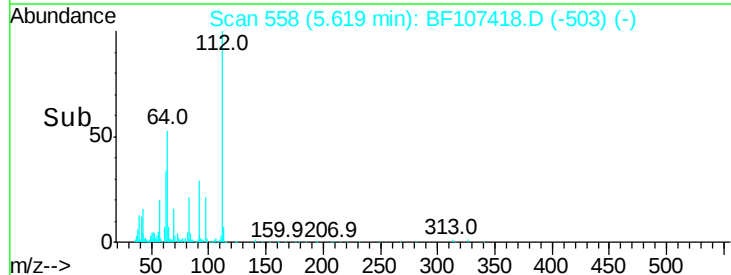
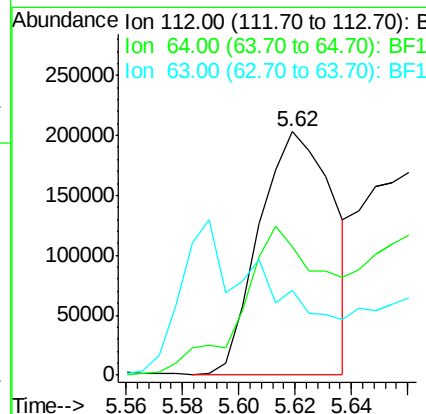
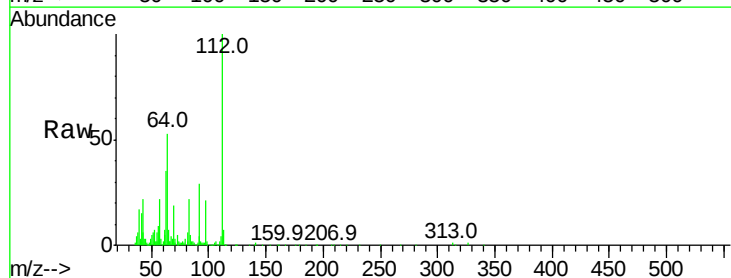
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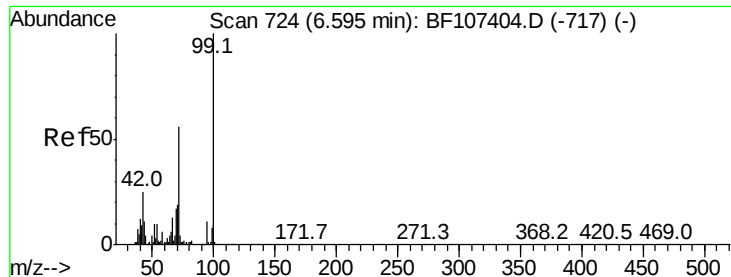


#5

2-Fluorophenol
Concen: 32.562 ng
RT: 5.62 min Scan# 558
Delta R.T. 0.02 min
Lab File: BF107418.D
Acq: 16 Jul 2018 22:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.7	47.9	71.9
63	35.0	23.7	35.5





#7

Phenol-d6

Concen: 50.216 ng m

RT: 6.73 min Scan# 747

Delta R.T. 0.14 min

Lab File: BF107418.D

Acq: 16 Jul 2018 22:28

Instrument :

BNA_F

ClientSampled :

DRUM-1

Tot Ion: 99 Resp: 734066

Ion Ratio Lower Upper

99 100

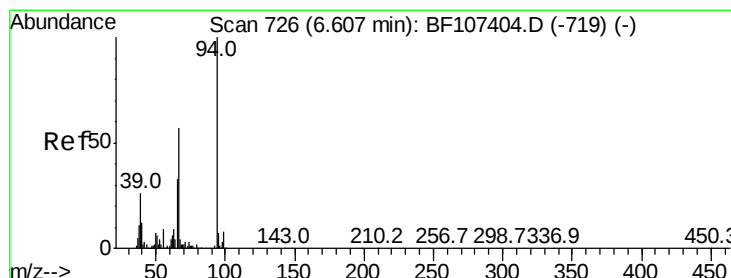
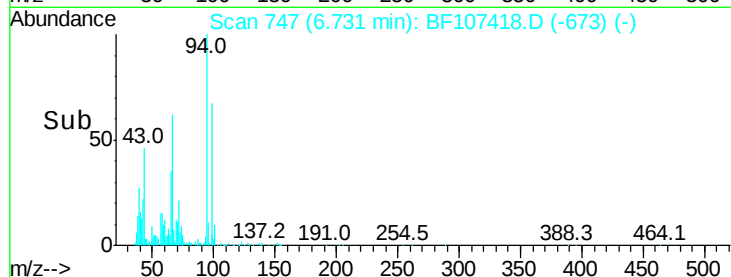
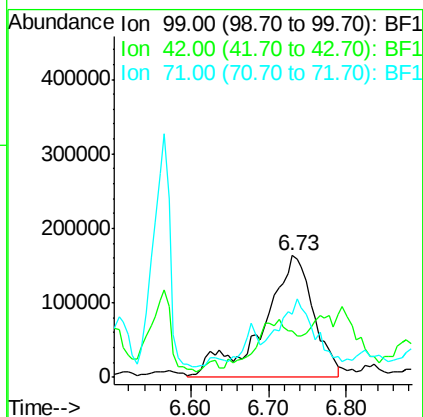
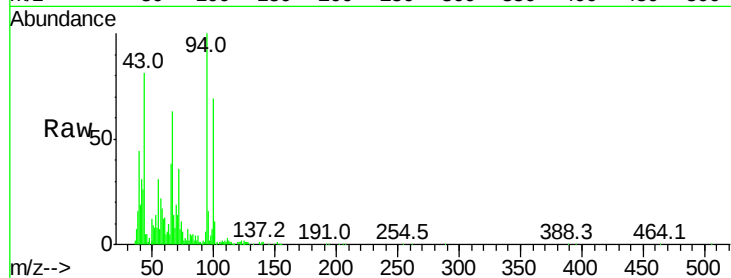
42 38.4 14.5 21.7#

71 52.3 25.4 38.0#

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#10

Phenol

Concen: 88.102 ng m

RT: 6.75 min Scan# 750

Delta R.T. 0.14 min

Lab File: BF107418.D

Acq: 16 Jul 2018 22:28

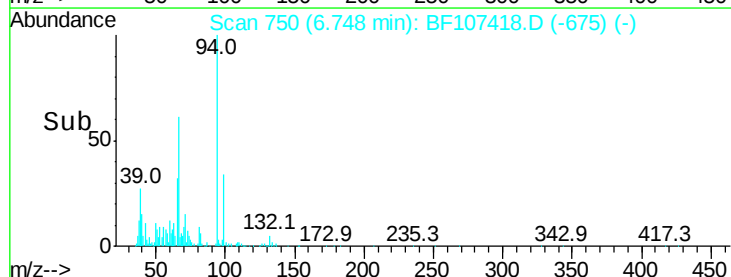
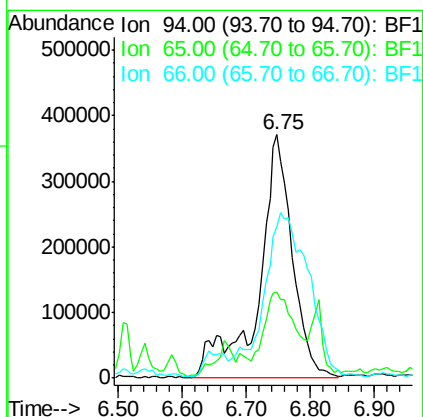
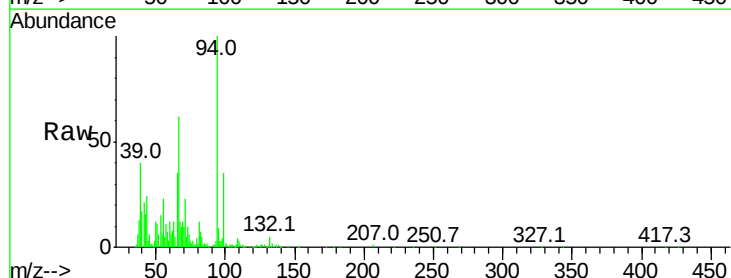
Tgt Ion: 94 Resp: 1380748

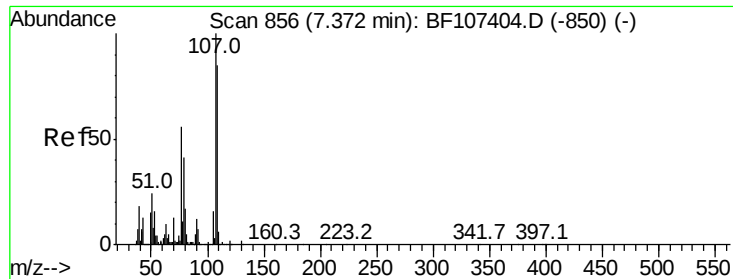
Ion Ratio Lower Upper

94 100

65 35.4 7.9 47.9

66 62.1 16.2 56.2#





#20

3+4-Methylphenols

Concen: 31.883 ng m

RT: 7.51 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF107418.D

Acq: 16 Jul 2018 22:28

Instrument :

BNA_F

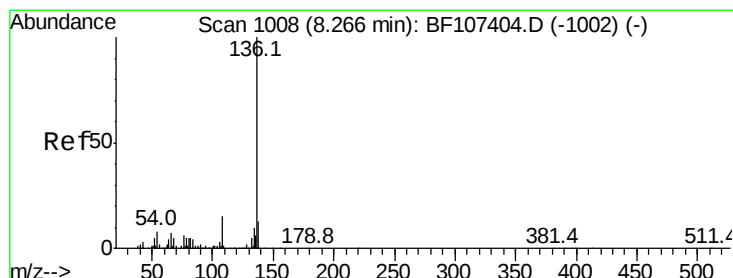
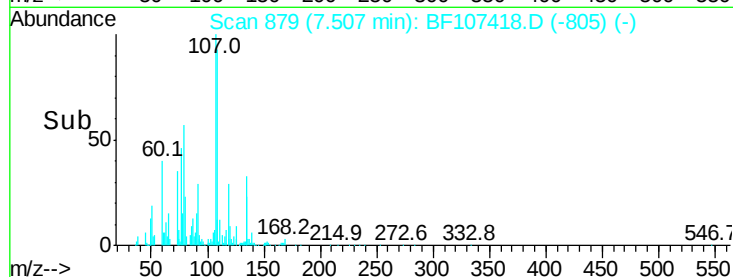
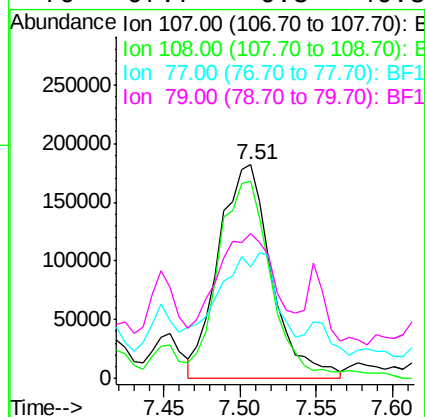
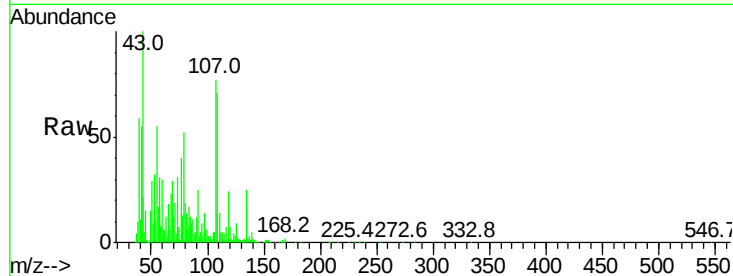
ClientSampled :

DRUM-1

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	92.6	68.2	108.2		
77	52.0	26.7	66.7		
79	67.7	6.3	46.3#		

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#21

Naphthalene-d8

Concen: 20.000 ng

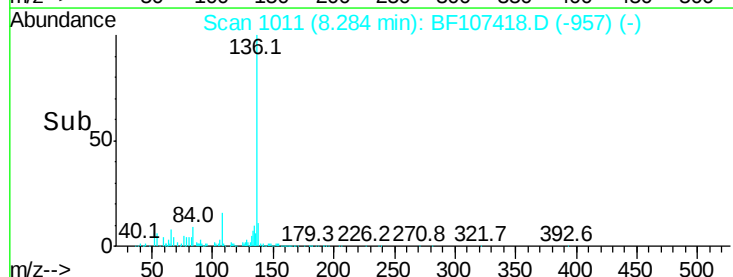
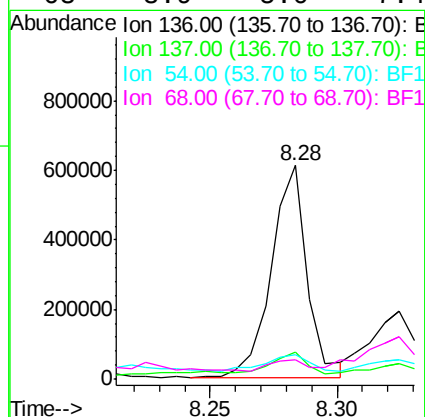
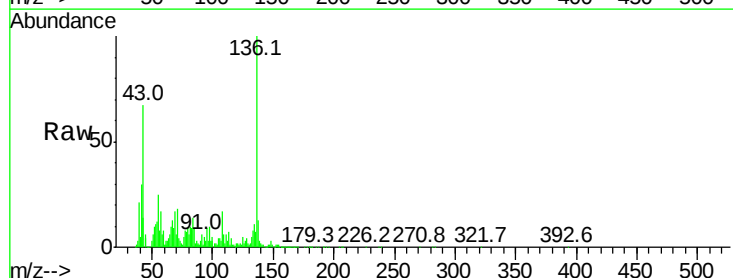
RT: 8.28 min Scan# 1011

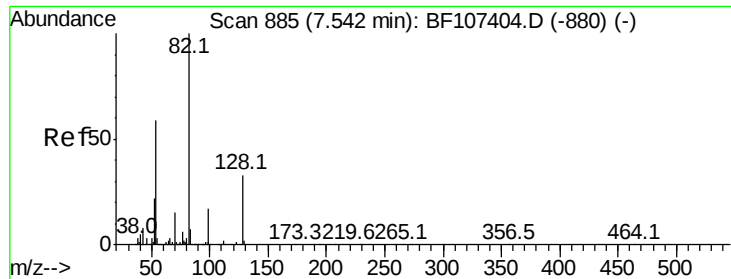
Delta R.T. 0.02 min

Lab File: BF107418.D

Acq: 16 Jul 2018 22:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	12.7	8.9	13.3		
54	11.5	6.6	9.8#		
68	8.9	5.0	7.4#		





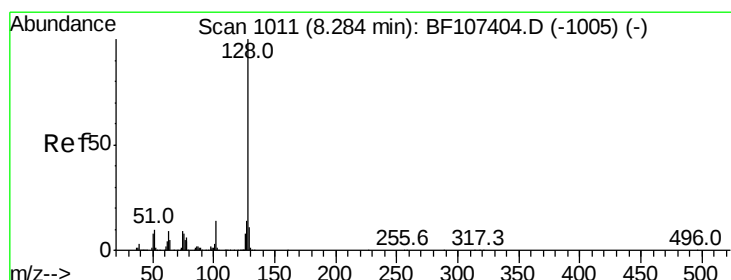
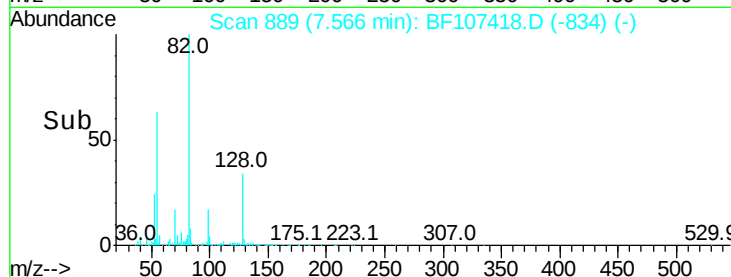
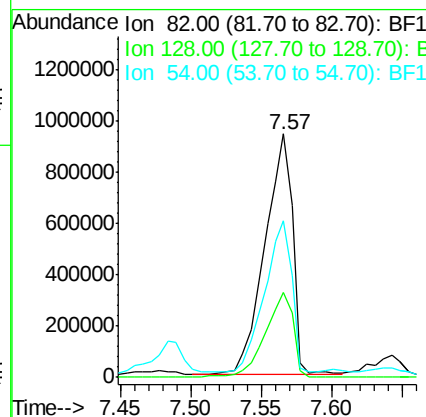
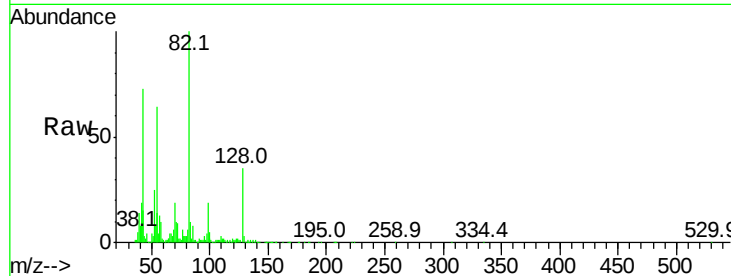
#23
 Nitrobenzene-d5
 Concen: 113.789 ng
 RT: 7.57 min Scan# 889
 Delta R.T. 0.02 min
 Lab File: BF107418.D
 Acq: 16 Jul 2018 22:28

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1

Tot Ion: 82 Resp: 1289283
 Ion Ratio Lower Upper
 82 100
 128 34.9 36.1 54.1#
 54 64.2 41.4 62.2#

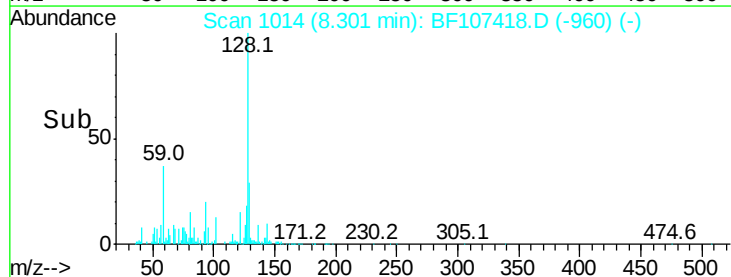
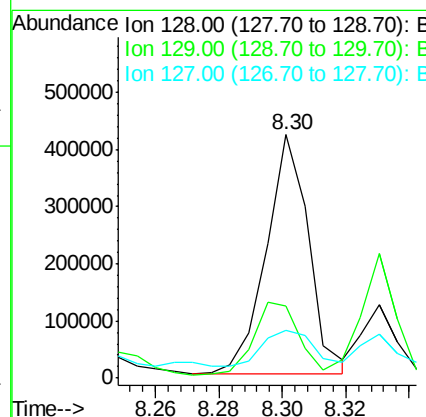
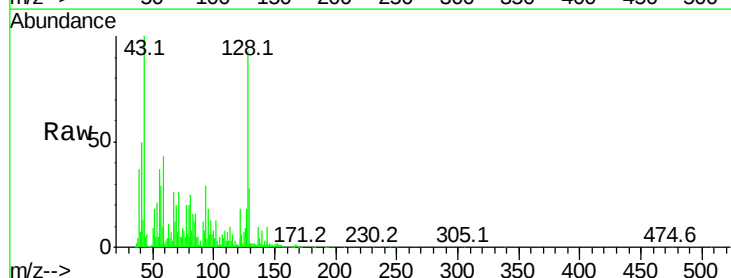
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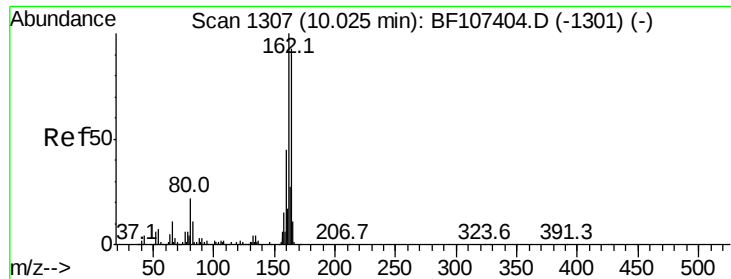
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#31
 Naphthalene
 Concen: 13.201 ng
 RT: 8.30 min Scan# 1014
 Delta R.T. 0.02 min
 Lab File: BF107418.D
 Acq: 16 Jul 2018 22:28

Tgt Ion: 128 Resp: 387423
 Ion Ratio Lower Upper
 128 100
 129 29.9 8.8 13.2#
 127 19.7 10.9 16.3#





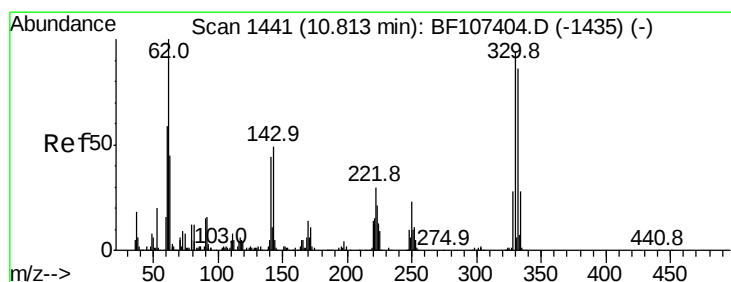
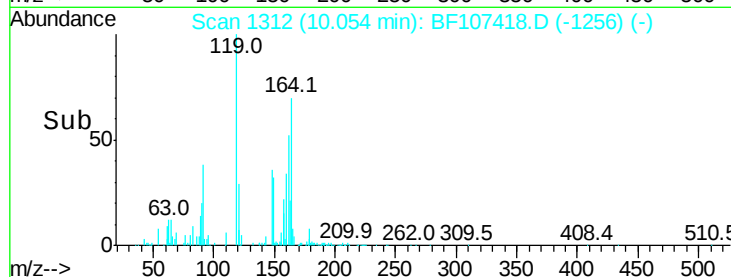
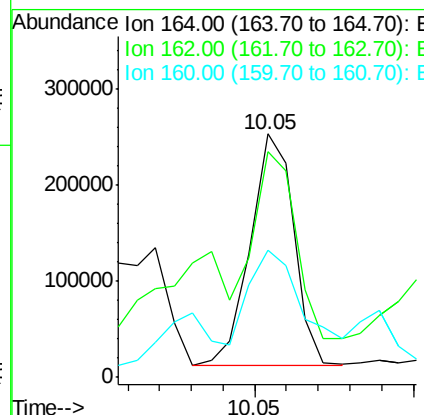
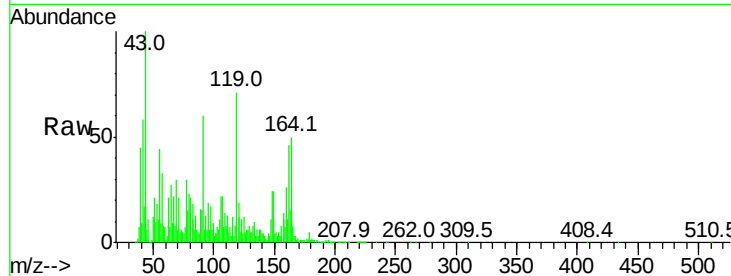
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.05 min Scan# 1312
Delta R.T. 0.03 min
Lab File: BF107418.D
Acq: 16 Jul 2018 22:28

Instrument :
BNA_F
ClientSampled :
DRUM-1

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	92.5	86.1	129.1	
160	52.0	38.3	57.5	

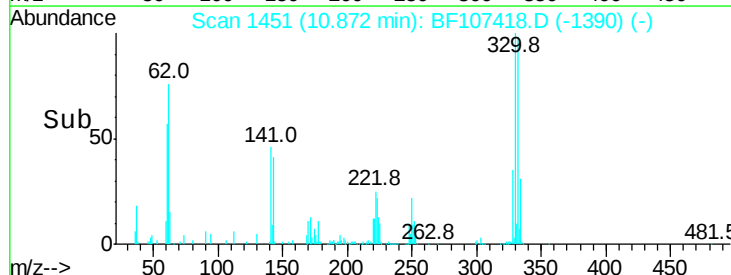
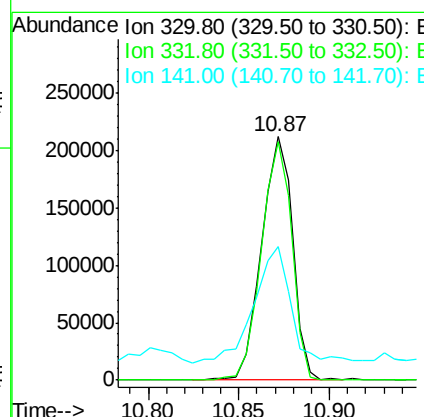
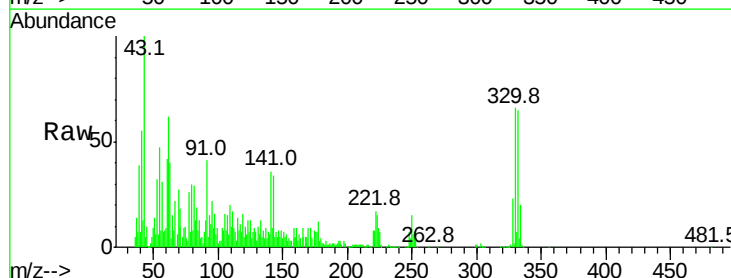
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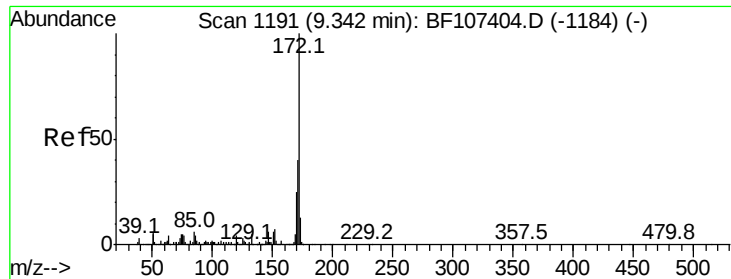
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#41
2,4,6-Tribromophenol
Concen: 125.302 ng
RT: 10.87 min Scan# 1451
Delta R.T. 0.06 min
Lab File: BF107418.D
Acq: 16 Jul 2018 22:28

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.2	77.0	115.6	
141	57.8	29.9	44.9#	





#44

2-Fluorobiphenyl

Concen: 114.330 ng

RT: 9.37 min Scan# 1196

Delta R.T. 0.03 min

Lab File: BF107418.D

Acq: 16 Jul 2018 22:28

Instrument :

BNA_F

ClientSampleId :

DRUM-1

Tot Ion:172 Resp: 1516323

Ion Ratio Lower Upper

172 100

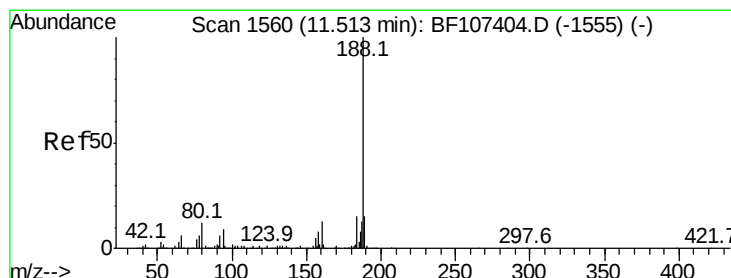
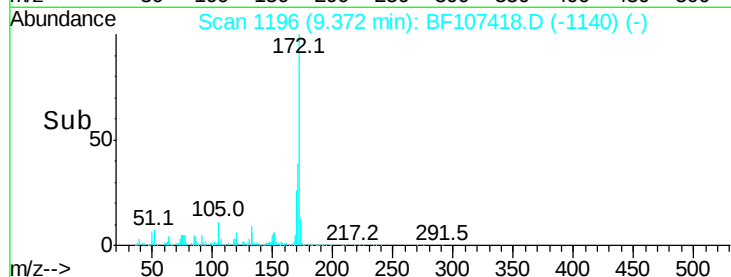
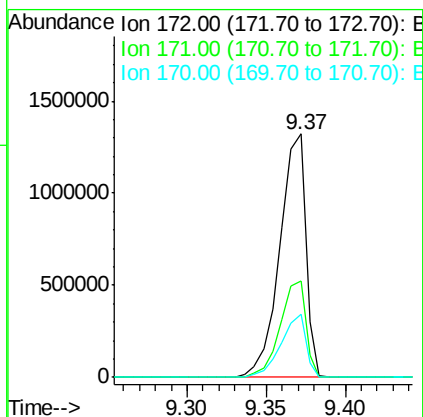
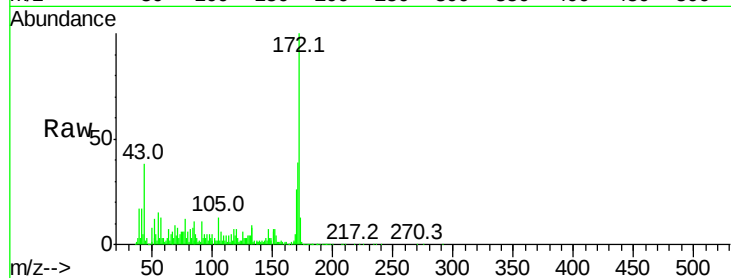
171 39.4 29.7 44.5

170 26.1 19.6 29.4

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#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.54 min Scan# 1565

Delta R.T. 0.03 min

Lab File: BF107418.D

Acq: 16 Jul 2018 22:28

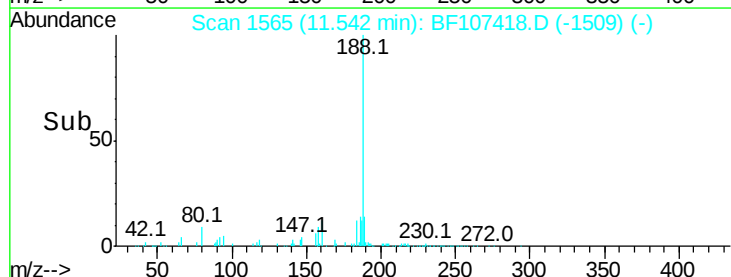
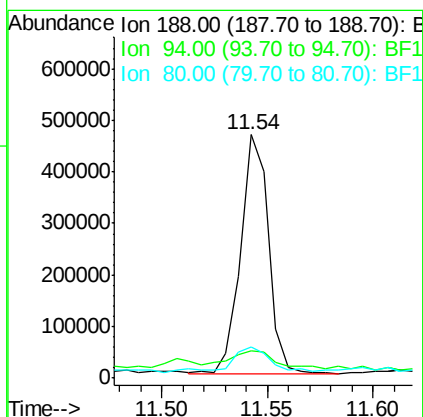
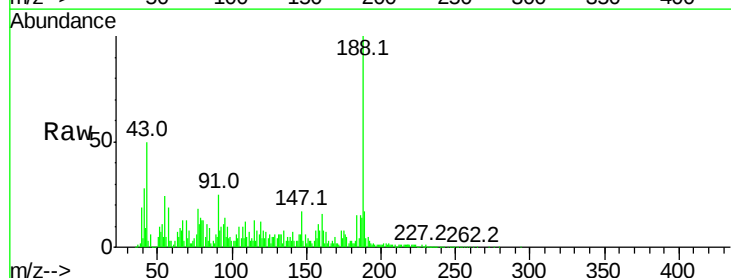
Tgt Ion:188 Resp: 420293

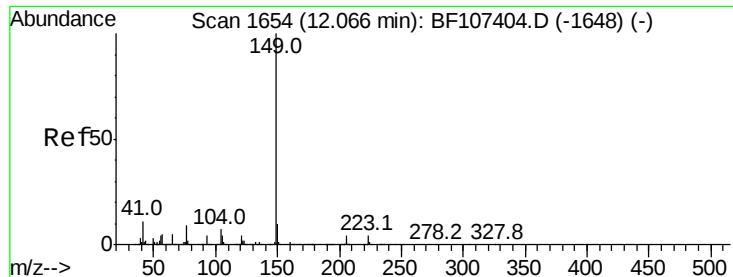
Ion Ratio Lower Upper

188 100

94 11.3 8.5 12.7

80 12.9 9.2 13.8





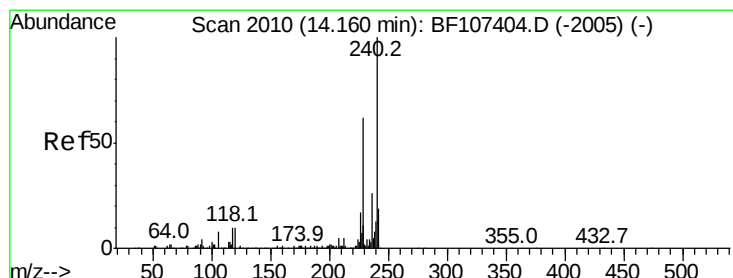
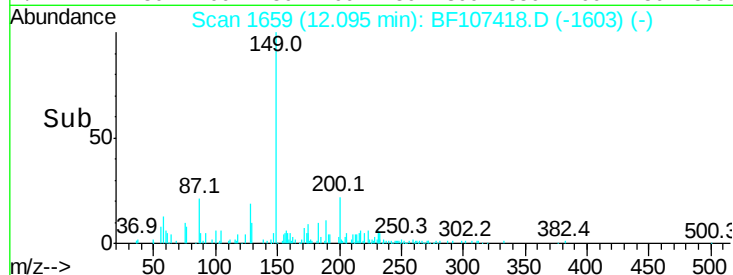
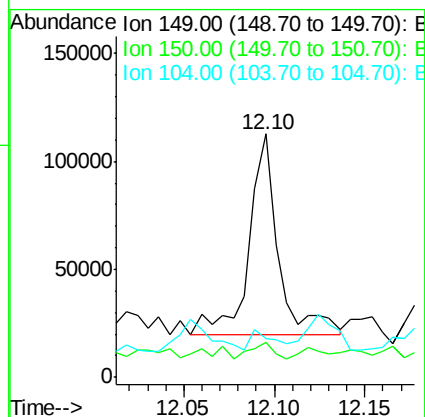
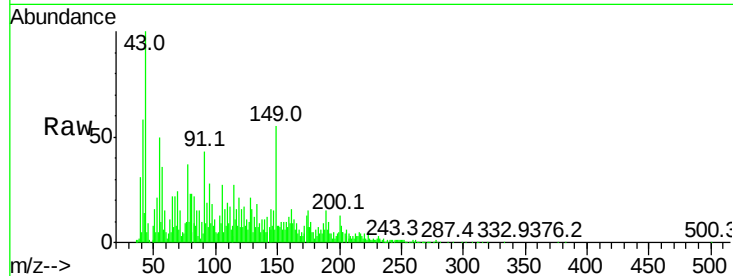
#73
Di-n-butylphthalate
Concen: 4.604 ng
RT: 12.10 min Scan# 1659
Delta R.T. 0.03 min
Lab File: BF107418.D
Acq: 16 Jul 2018 22:28

Instrument :
BNA_F
ClientSampled :
DRUM-1

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	14.3	7.8	11.6#	
104	15.8	3.8	5.8#	

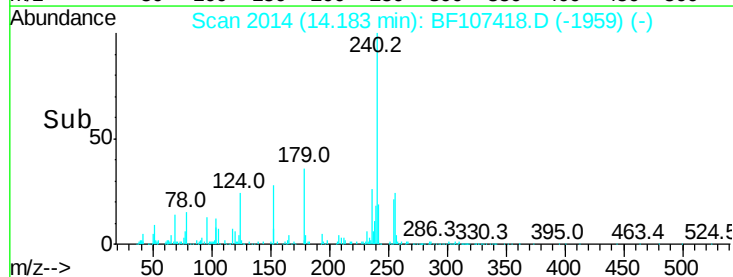
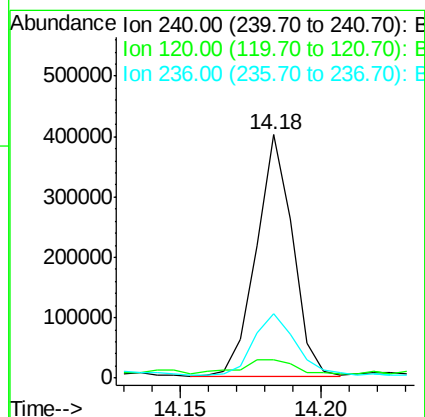
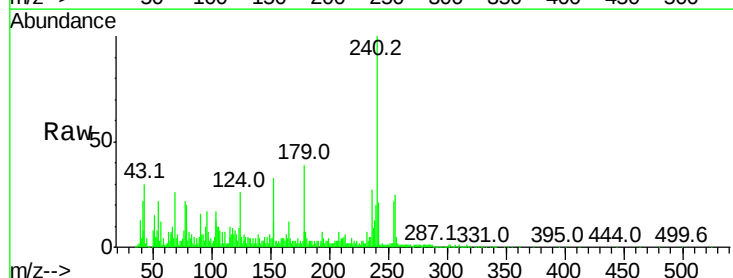
Manual Integrations
APPROVED

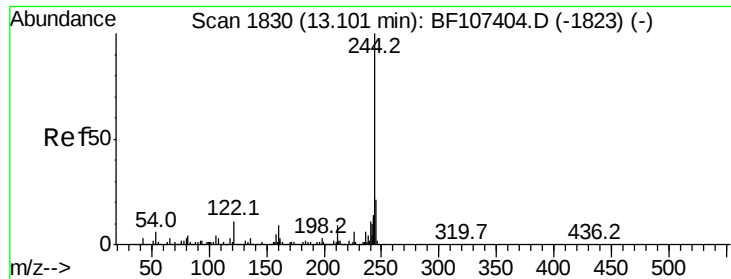
Sohil
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.18 min Scan# 2014
Delta R.T. 0.02 min
Lab File: BF107418.D
Acq: 16 Jul 2018 22:28

Tgt Ion	Ratio	Resp	Lower	Upper
240	100			
120	7.8	9.5	14.3#	
236	26.6	20.7	31.1	





#78

Terphenyl-d14

Concen: 89.862 ng

RT: 13.12 min Scan# 1834

Delta R.T. 0.02 min

Lab File: BF107418.D

Acq: 16 Jul 2018 22:28

Instrument :

BNA_F

ClientSampleId :

DRUM-1

Tot Ion:244 Resp: 1295687

Ion Ratio Lower Upper

244 100

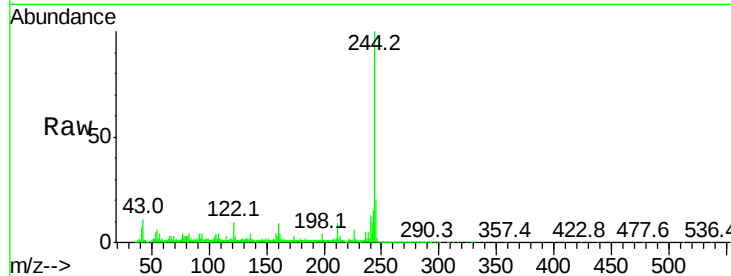
212 9.1 5.4 8.0#

122 9.7 11.0 16.4#

Manual Integrations
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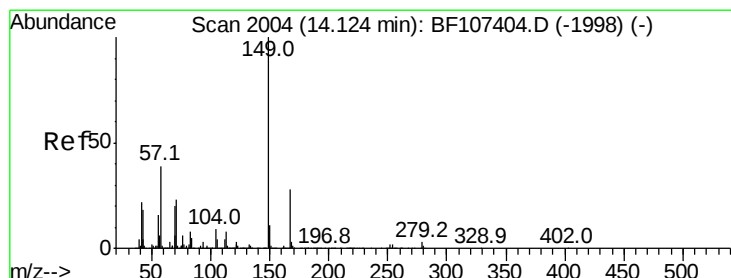
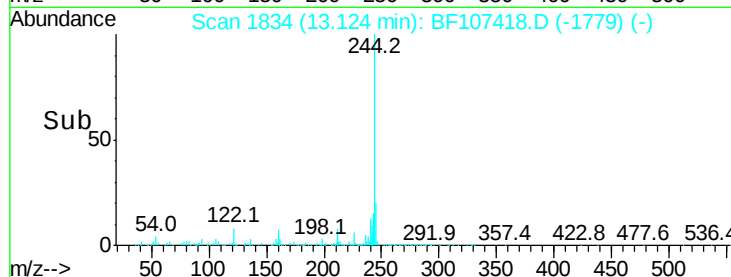
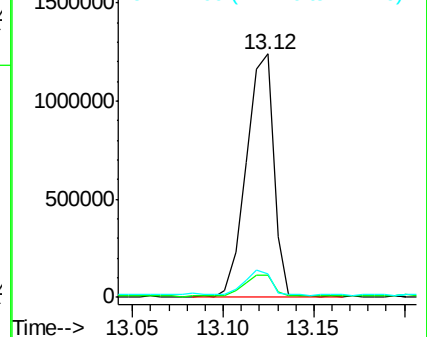
7/17/2018 4:53:11 PM



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 164.294 ng

RT: 14.15 min Scan# 2009

Delta R.T. 0.03 min

Lab File: BF107418.D

Acq: 16 Jul 2018 22:28

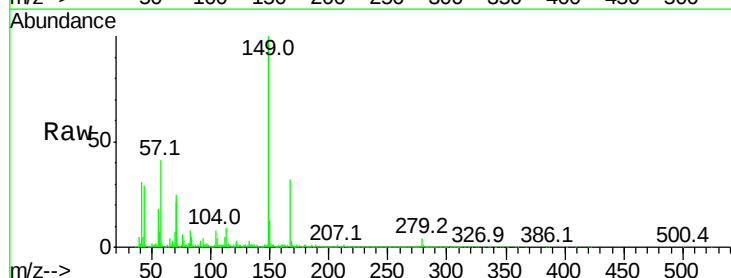
Tgt Ion:149 Resp: 2089177

Ion Ratio Lower Upper

149 100

167 32.0 21.3 31.9#

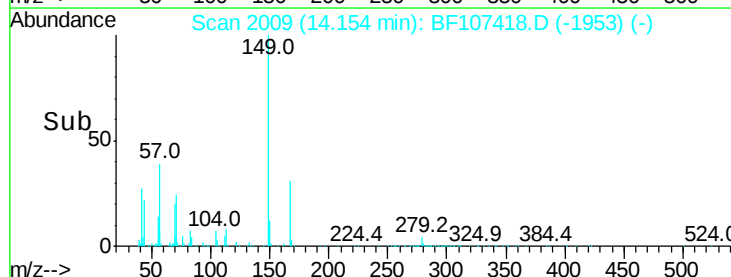
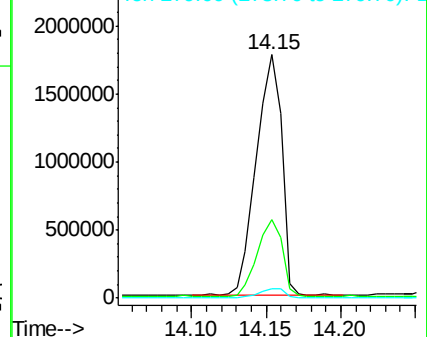
279 3.7 3.0 4.4

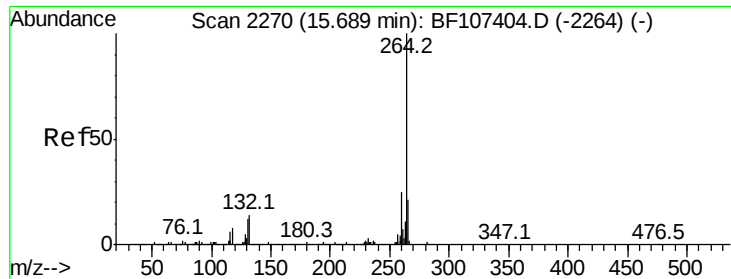


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





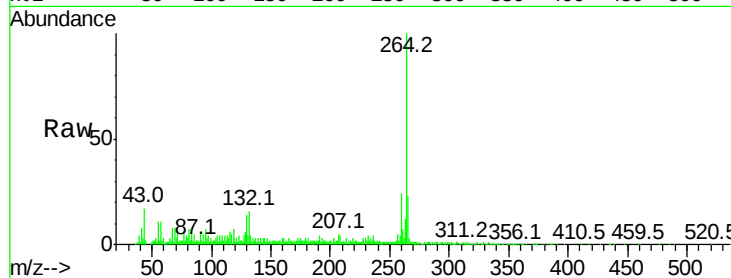
#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.72 min Scan# 2276
 Delta R.T. 0.04 min
 Lab File: BF107418.D
 Acq: 16 Jul 2018 22:28

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1

Tot Ion:	264	Resp:	352459
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.2	28.8
265	22.8	17.5	26.3

Manual Integrations
 APPROVED

Sohil
 7/17/2018 4:53:11 PM



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

