

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010918\
 Data File : BF101967.D
 Acq On : 9 Jan 2018 21:58
 Operator : SJ/JU
 Sample : J1043-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

Quant Time: Jan 10 02:44:23 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 15:20:36 2018
 Response via : Initial Calibration

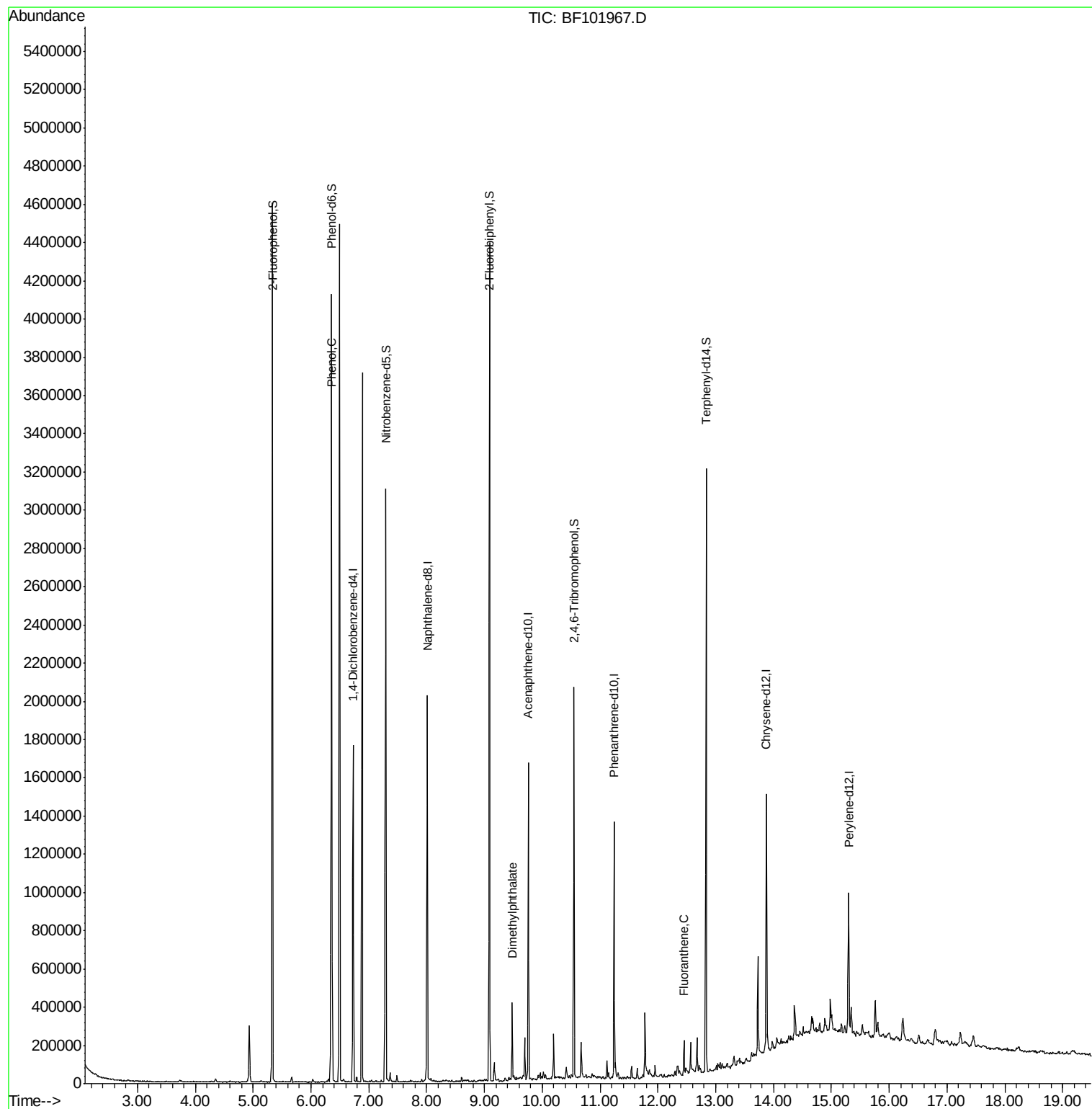
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	223730	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	813680	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	280645	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	424239	20.00	ng	0.00
75) Chrysene-d12	13.88	240	420707	20.00	ng	0.00
86) Perylene-d12	15.30	264	304004	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1367155	86.29	ng	0.01
7) Phenol-d6	6.36	99	1607729	85.05	ng	0.00
23) Nitrobenzene-d5	7.29	82	936208	67.61	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	199991	81.66	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1326014	73.82	ng	0.00
78) Terphenyl-d14	12.83	244	1000020	49.35	ng	0.00
Target Compounds						
10) Phenol	6.37	94	82073	3.842	ng	98
49) Dimethylphthalate	9.48	163	124730	5.540	ng	99
74) Fluoranthene	12.45	202	59318	2.433	ng	98

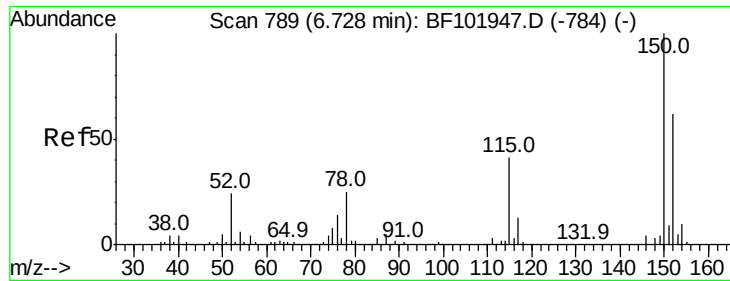
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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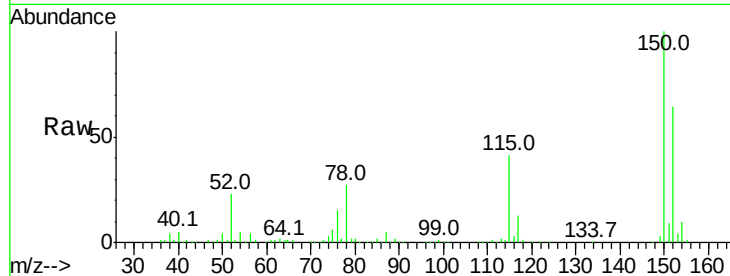


#1

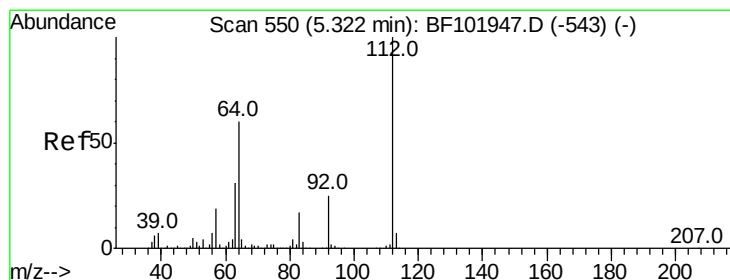
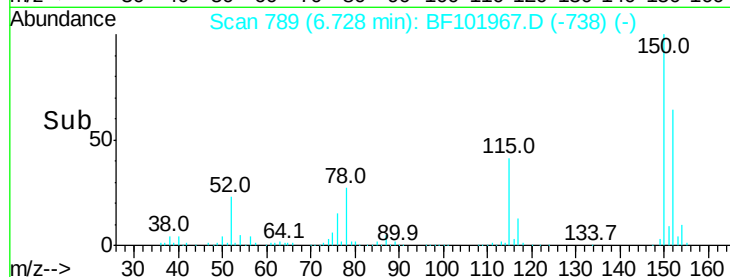
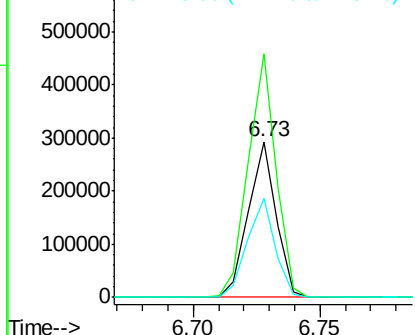
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF101967.D
Acq: 9 Jan 2018 21:58

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tot Ion:152 Resp: 223730
Ion Ratio Lower Upper
152 100
150 156.3 124.6 186.8
115 63.5 50.1 75.1



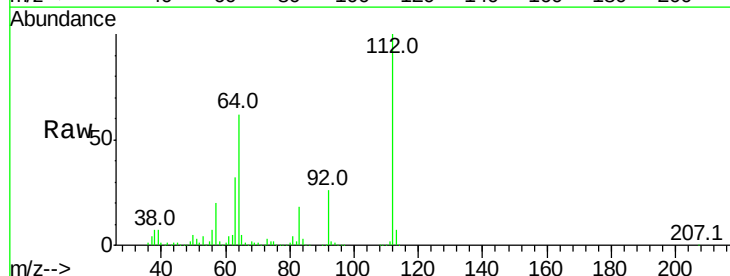
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



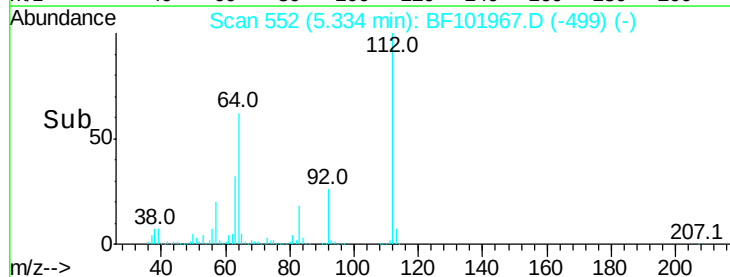
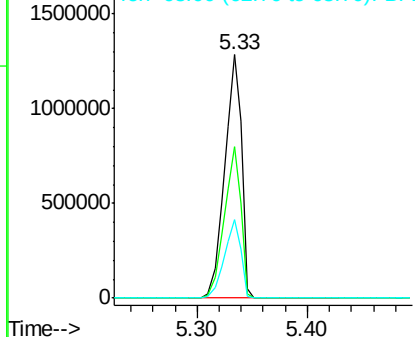
#5

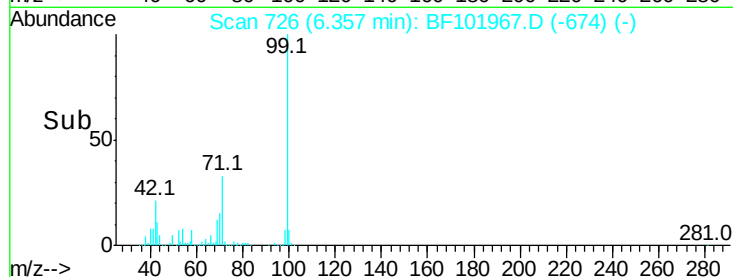
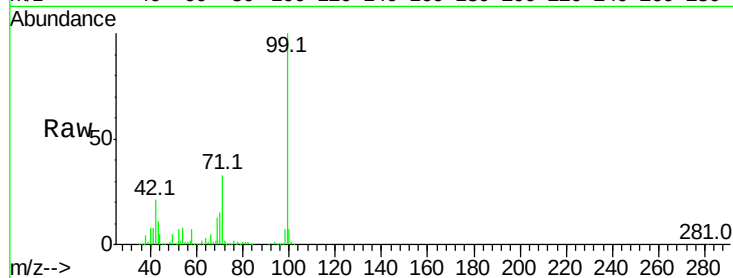
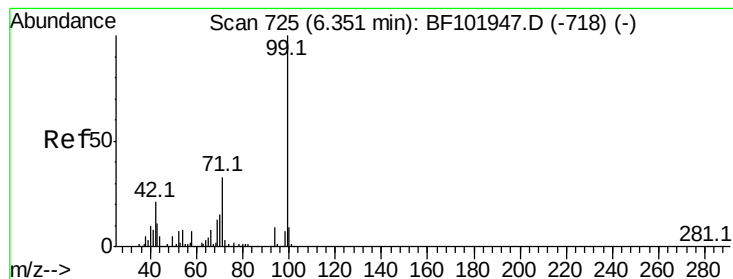
2-Fluorophenol
Concen: 86.289 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF101967.D
Acq: 9 Jan 2018 21:58

Tgt Ion:112 Resp: 1367155
Ion Ratio Lower Upper
112 100
64 62.3 47.9 71.9
63 32.4 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: 85.049 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF101967.D

Acq: 9 Jan 2018 21:58

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

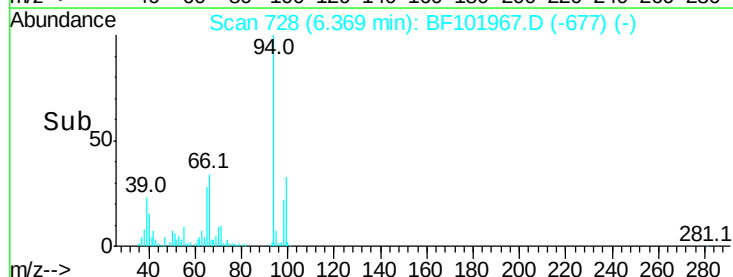
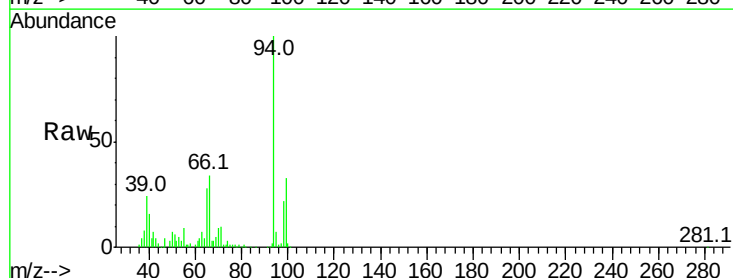
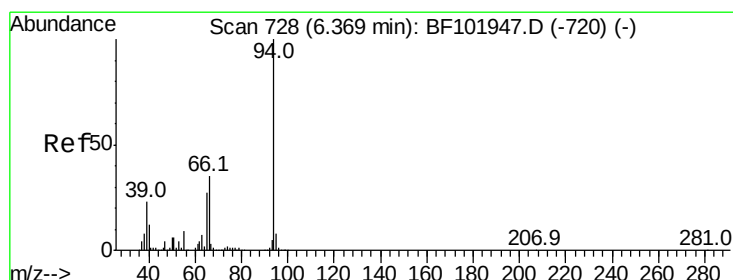
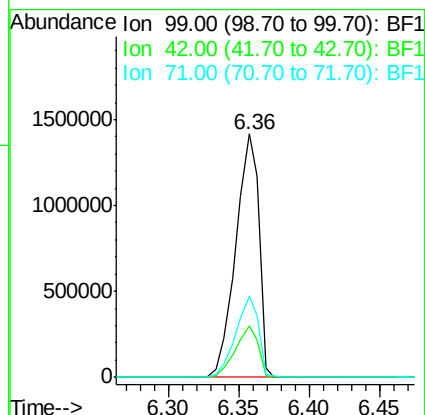
Tot Ion: 99 Resp: 1607729

Ion Ratio Lower Upper

99 100

42 21.2 14.5 21.7

71 33.4 25.4 38.0



#10

Phenol

Concen: 3.842 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF101967.D

Acq: 9 Jan 2018 21:58

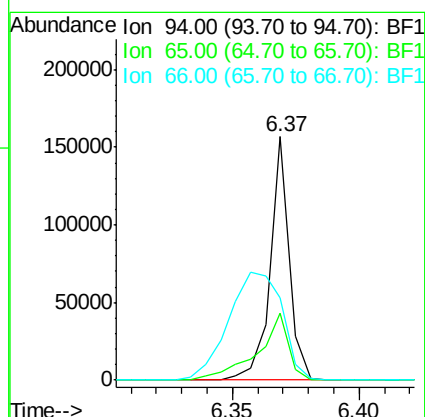
Tgt Ion: 94 Resp: 82073

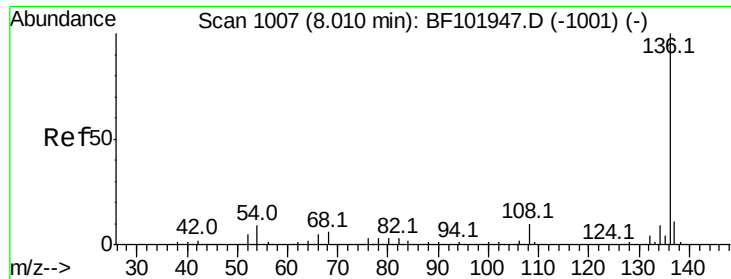
Ion Ratio Lower Upper

94 100

65 27.8 7.9 47.9

66 34.0 16.2 56.2

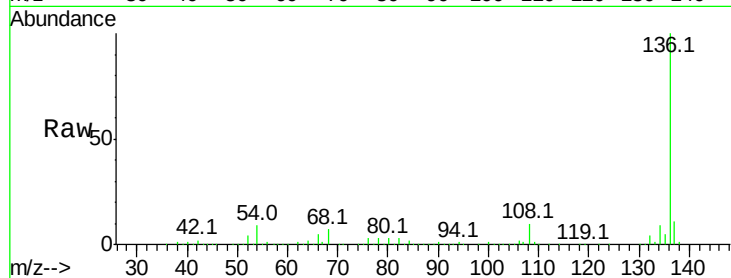




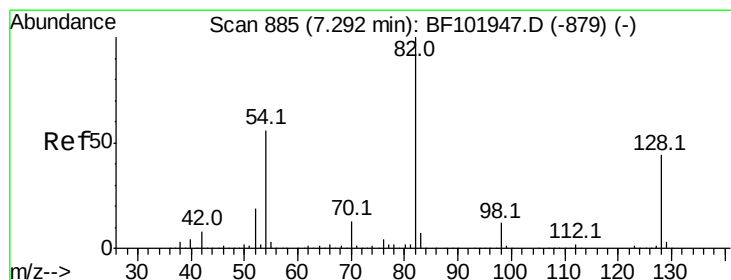
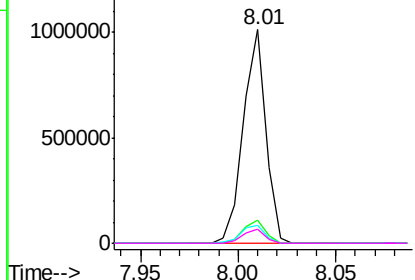
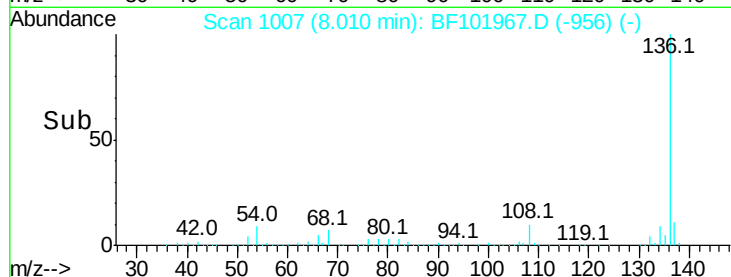
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF101967.D
Acq: 9 Jan 2018 21:58

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tot Ion:	136	Resp:	813680
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.6	6.6	9.8
68	6.7	5.0	7.4

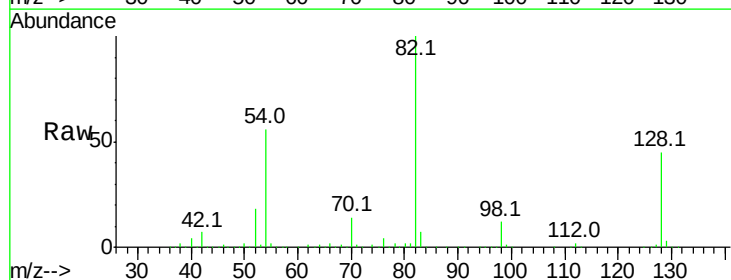


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

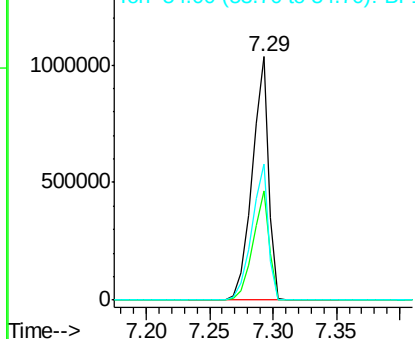
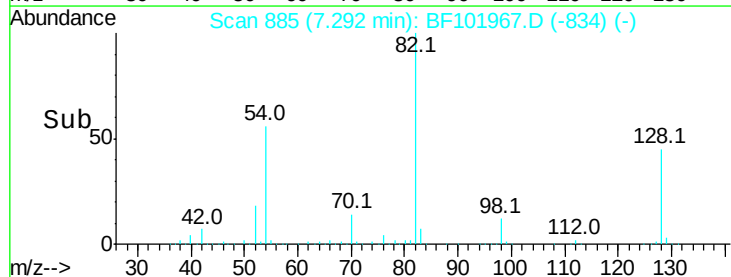


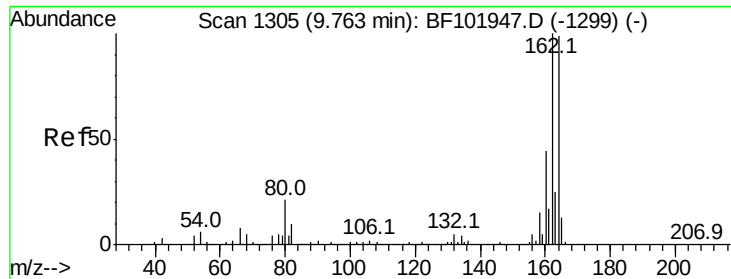
#23
Nitrobenzene-d5
Concen: 67.613 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF101967.D
Acq: 9 Jan 2018 21:58

Tgt Ion:	82	Resp:	936208
Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.1	54.1
54	55.8	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

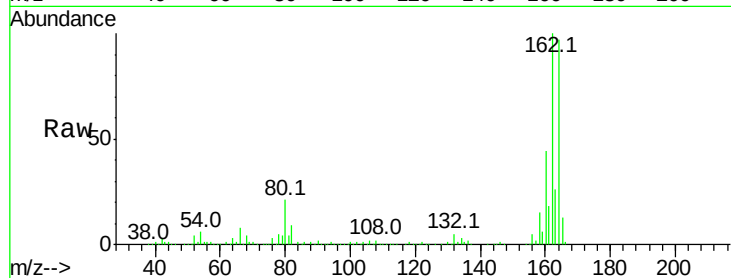




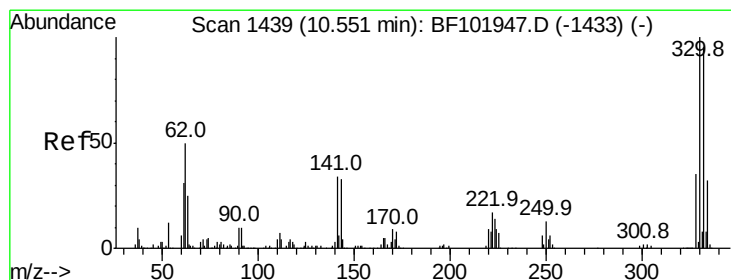
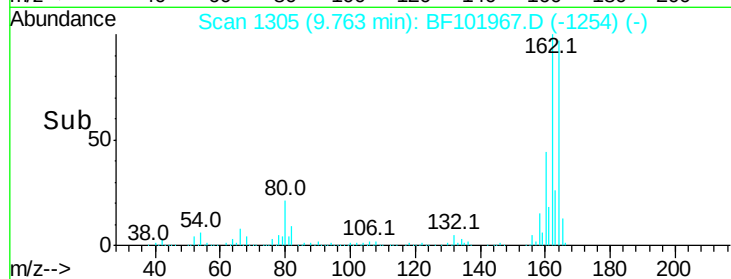
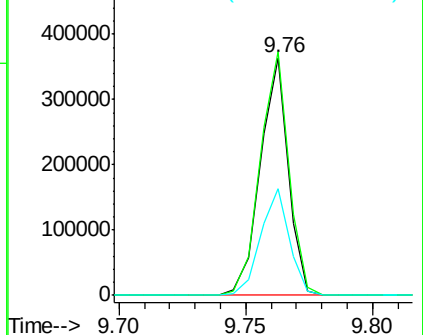
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: BF101967.D
 Acq: 9 Jan 2018 21:58

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	86.1	129.1
160	45.1	38.3	57.5

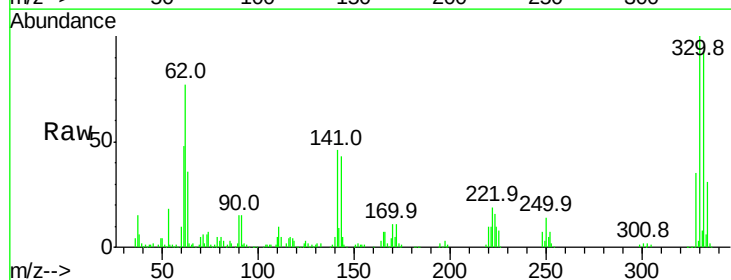


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

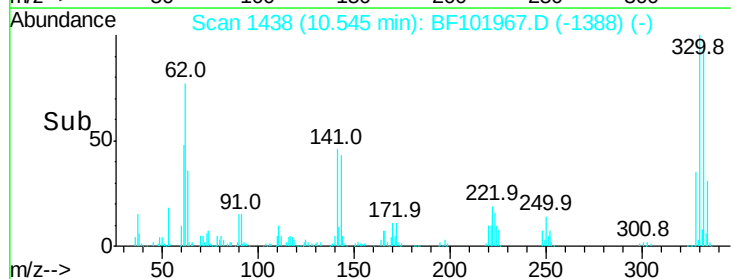
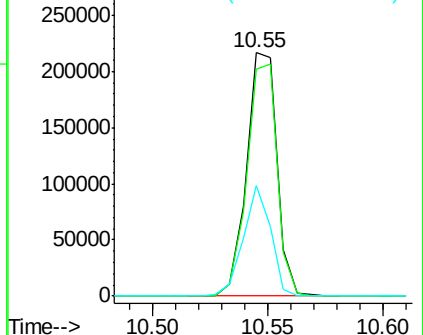


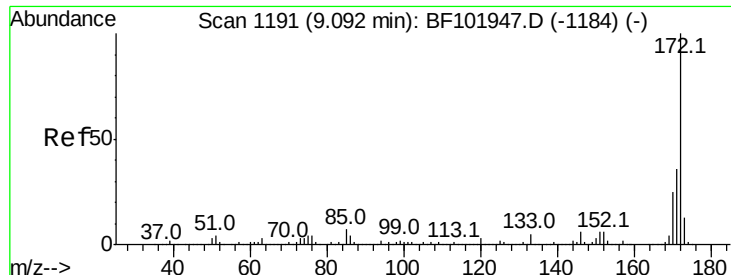
#41
 2,4,6-Tribromophenol
 Concen: 81.657 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF101967.D
 Acq: 9 Jan 2018 21:58

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	41.0	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

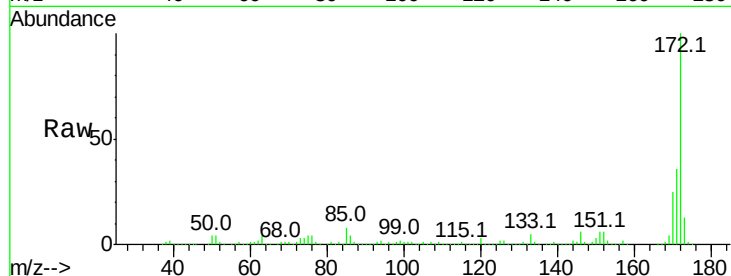




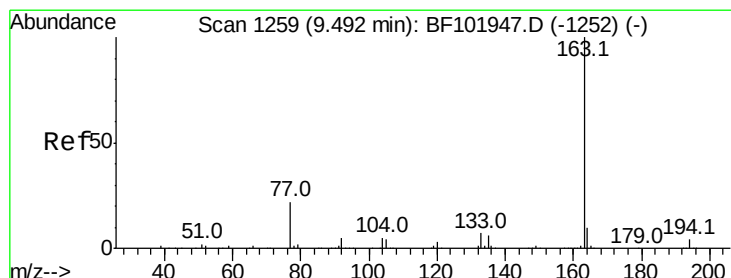
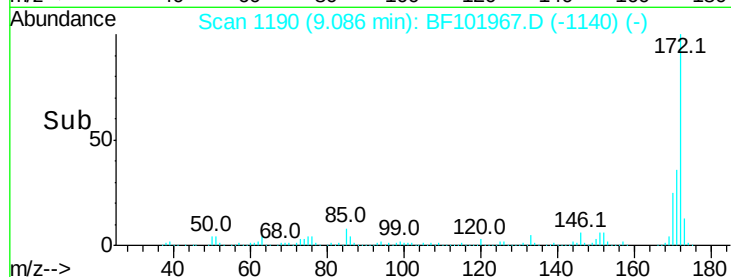
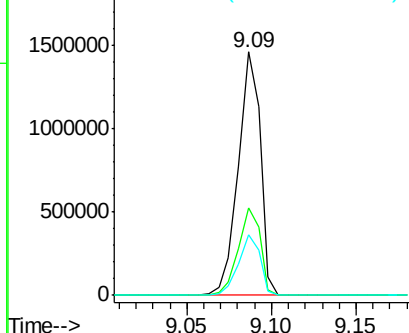
#44
2-Fluorobiphenyl
Concen: 73.815 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF101967.D
Acq: 9 Jan 2018 21:58

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tot Ion:172 Resp: 1326014
Ion Ratio Lower Upper
172 100
171 35.9 29.7 44.5
170 24.8 19.6 29.4

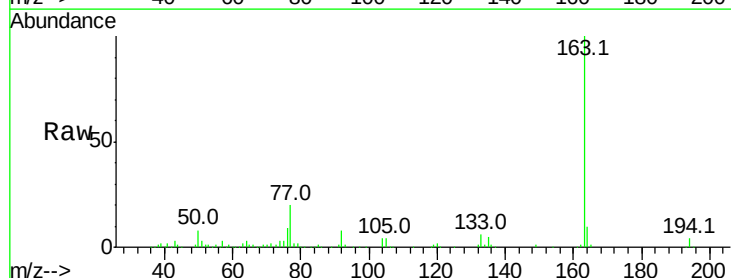


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

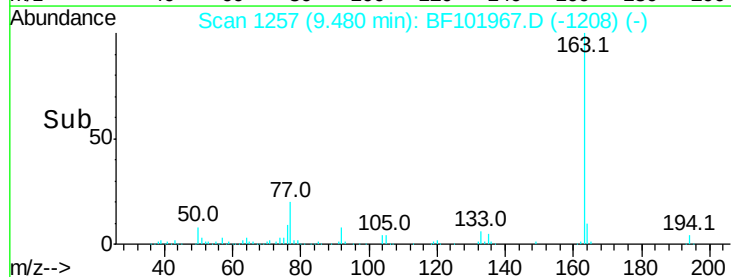
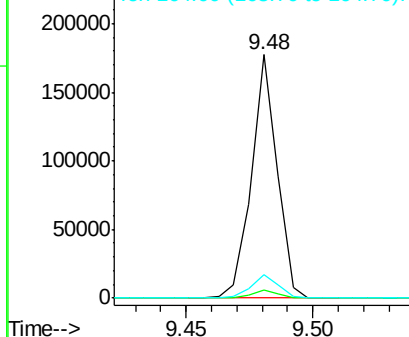


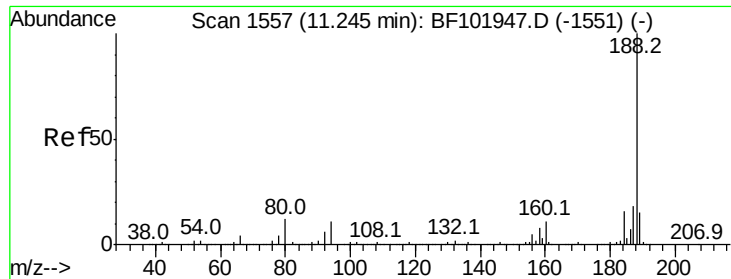
#49
Dimethylphthalate
Concen: 5.540 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF101967.D
Acq: 9 Jan 2018 21:58

Tgt Ion:163 Resp: 124730
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.6 8.2 12.2



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: 11.25 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BF101967.D

Acq: 9 Jan 2018 21:58

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

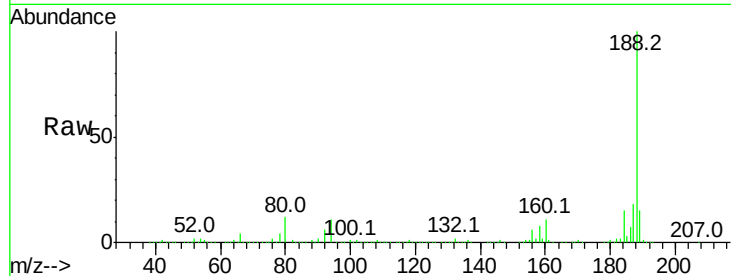
Tot Ion:188 Resp: 424239

Ion Ratio Lower Upper

188 100

94 10.7 8.5 12.7

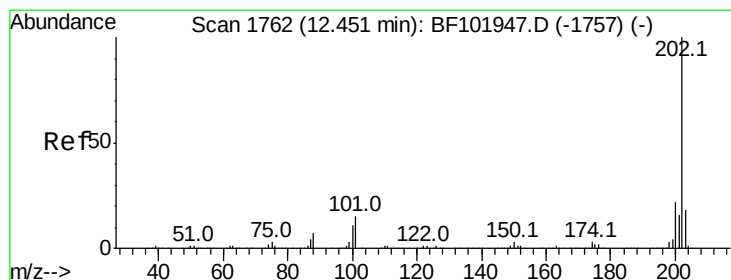
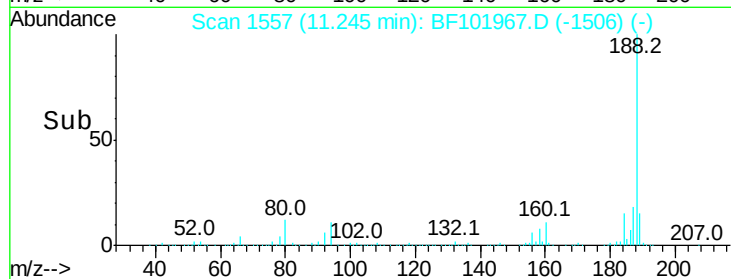
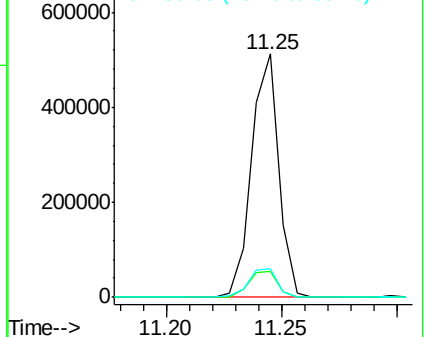
80 11.5 9.2 13.8



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



#74

Fluoranthene

Concen: 2.433 ng

RT: 12.45 min Scan# 1762

Delta R.T. -0.00 min

Lab File: BF101967.D

Acq: 9 Jan 2018 21:58

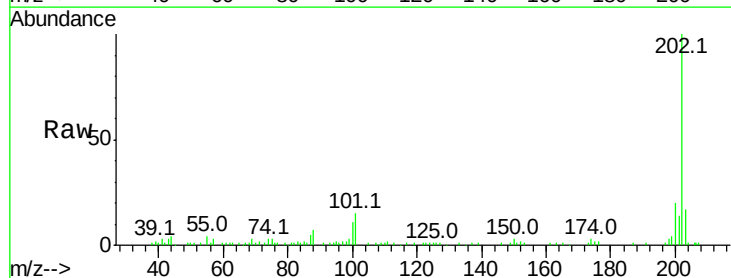
Tgt Ion:202 Resp: 59318

Ion Ratio Lower Upper

202 100

101 15.0 0.0 34.1

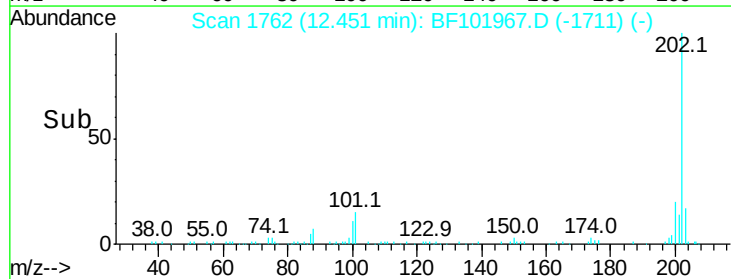
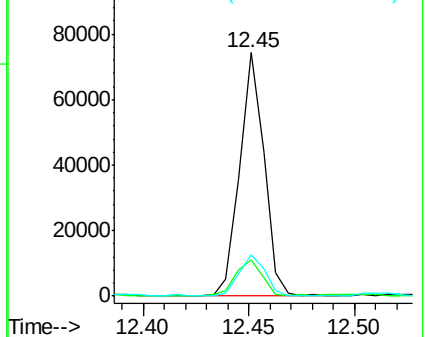
203 17.0 0.0 38.1

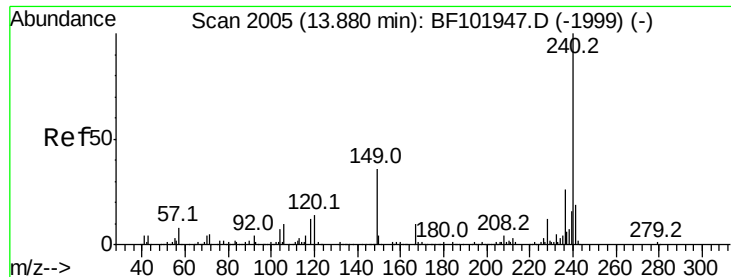


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.88 min Scan# 2005

Delta R.T. -0.00 min

Lab File: BF101967.D

Acq: 9 Jan 2018 21:58

Instrument :

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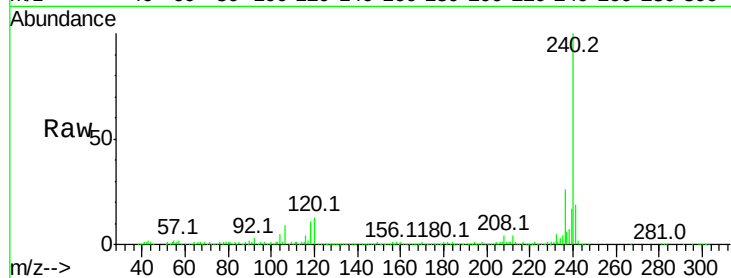
Tot Ion:240 Resp: 420707

Ion Ratio Lower Upper

240 100

120 13.2 9.5 14.3

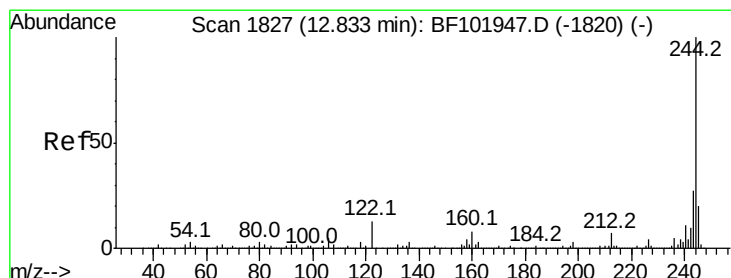
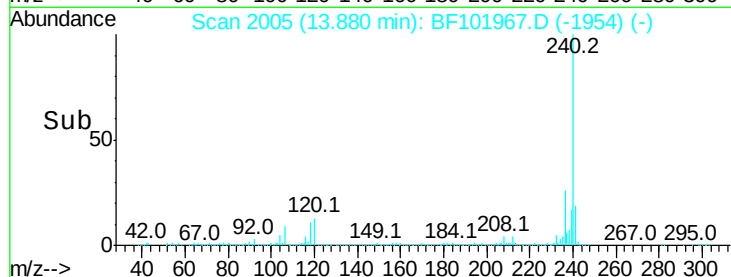
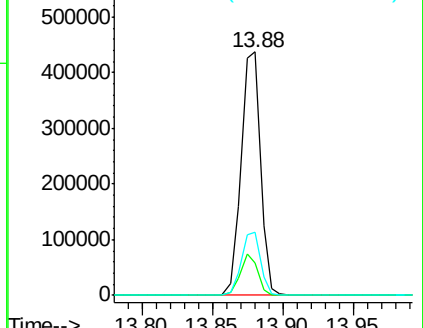
236 26.1 20.7 31.1



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: 49.353 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF101967.D

Acq: 9 Jan 2018 21:58

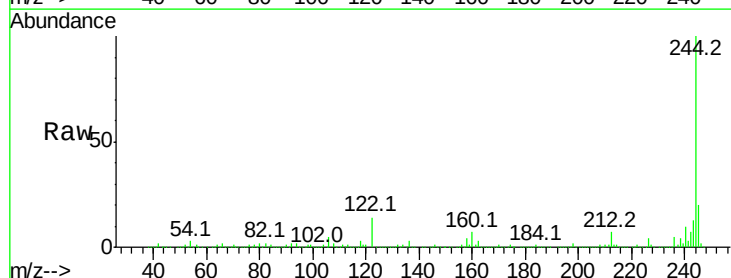
Tgt Ion:244 Resp: 1000020

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

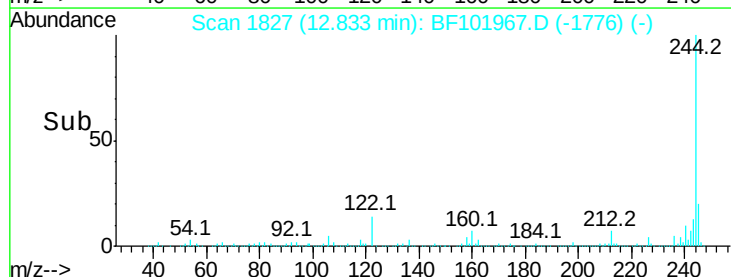
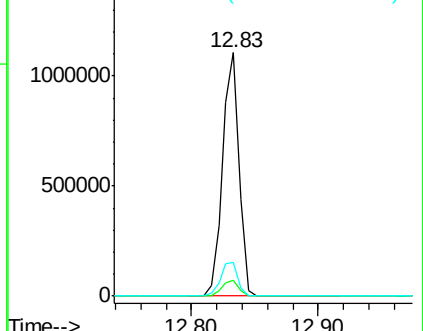
122 13.8 11.0 16.4

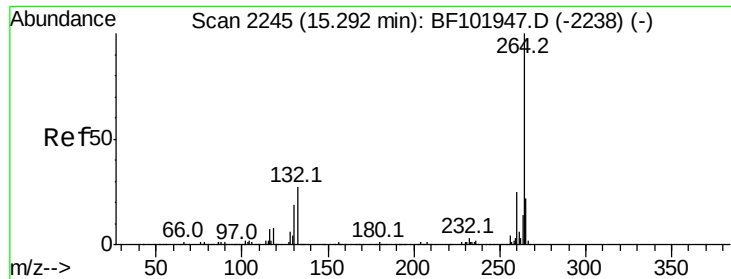


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

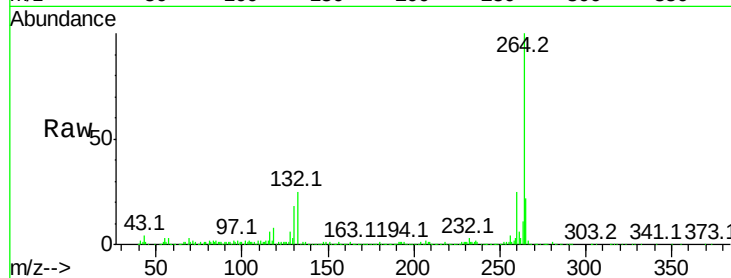




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. 0.01 min
Lab File: BF101967.D
Acq: 9 Jan 2018 21:58

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.7	17.5	26.3



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

