

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010918\
 Data File : BF101960.D
 Acq On : 9 Jan 2018 18:50
 Operator : SJ/JU
 Sample : J1044-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP-C

Quant Time: Jan 10 01:07:54 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

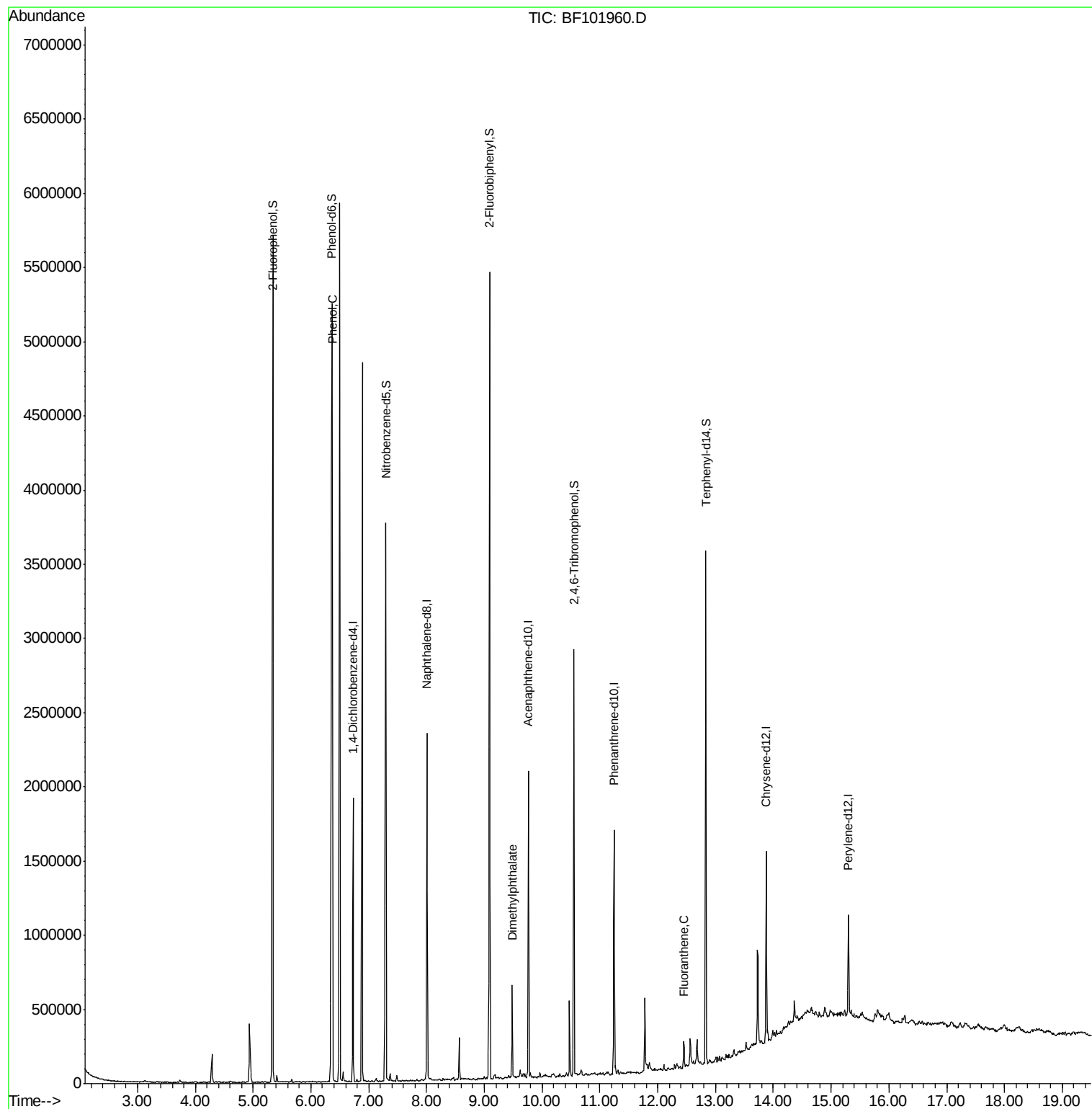
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	240207	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	951114	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	363915	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	506496	20.00	ng	0.00
75) Chrysene-d12	13.88	240	400196	20.00	ng	0.00
86) Perylene-d12	15.30	264	292229	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1865780	109.68	ng	0.02
7) Phenol-d6	6.36	99	2265869	111.64	ng	0.01
23) Nitrobenzene-d5	7.30	82	1372672	84.81	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	300869	94.74	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1748503	75.06	ng	0.00
78) Terphenyl-d14	12.83	244	1145859	59.45	ng	0.00
Target Compounds						
10) Phenol	6.37	94	108806	4.744	ng	99
49) Dimethylphthalate	9.48	163	218890	7.498	ng	99
74) Fluoranthene	12.45	202	65771	2.259	ng	96

(#) = 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: BF101960.D

Acq: 9 Jan 2018 18:50

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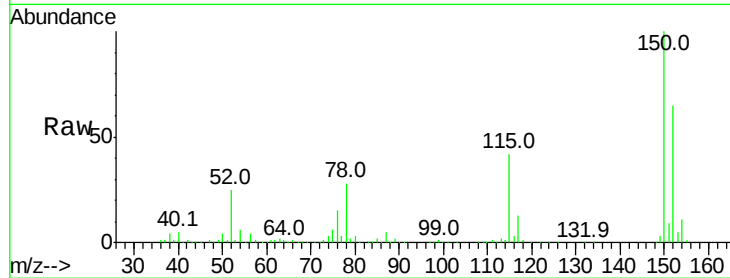
Tot Ion:152 Resp: 240207

Ion Ratio Lower Upper

152 100

150 153.7 124.6 186.8

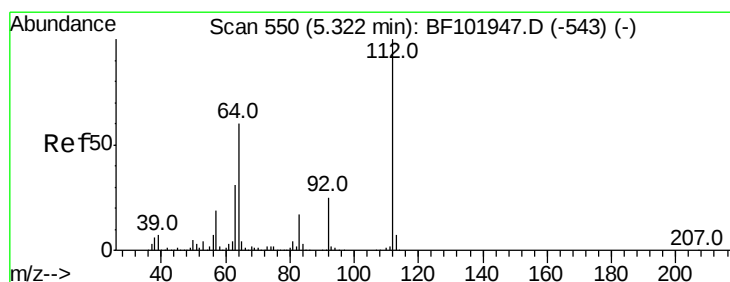
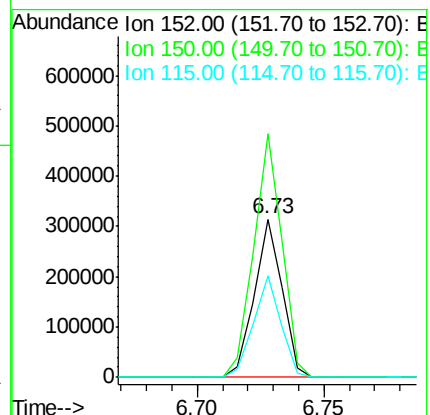
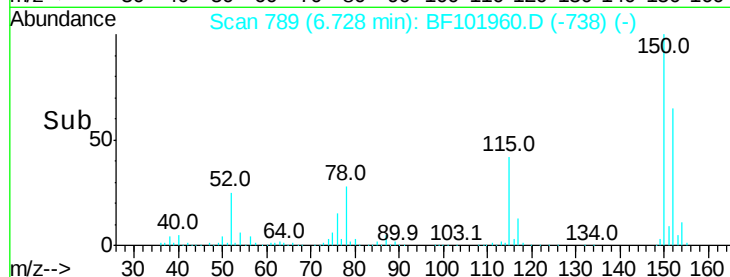
115 63.9 50.1 75.1



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: 109.682 ng

RT: 5.34 min Scan# 553

Delta R.T. 0.02 min

Lab File: BF101960.D

Acq: 9 Jan 2018 18:50

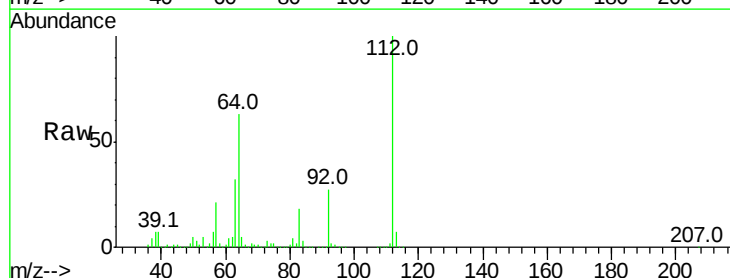
Tgt Ion:112 Resp: 1865780

Ion Ratio Lower Upper

112 100

64 63.3 47.9 71.9

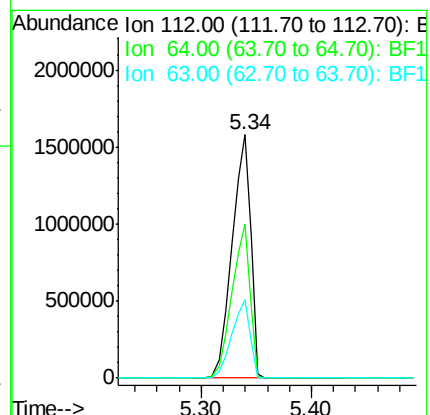
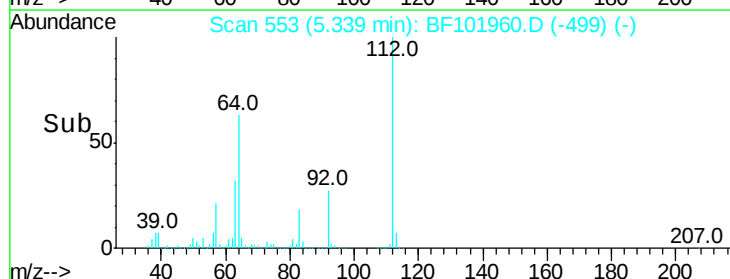
63 32.1 23.7 35.5



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: 111.643 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF101960.D

Acq: 9 Jan 2018 18:50

Instrument :

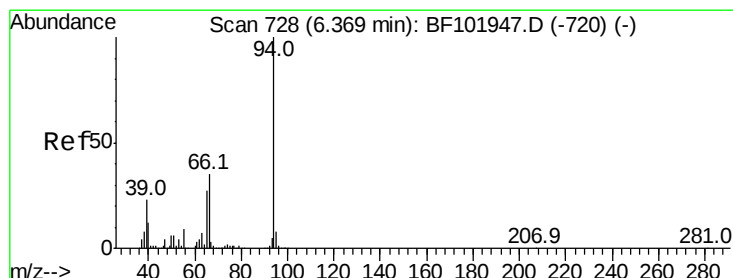
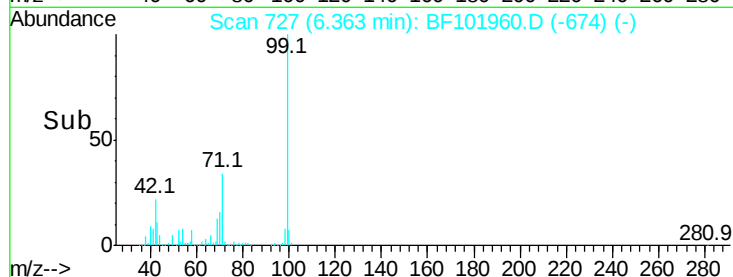
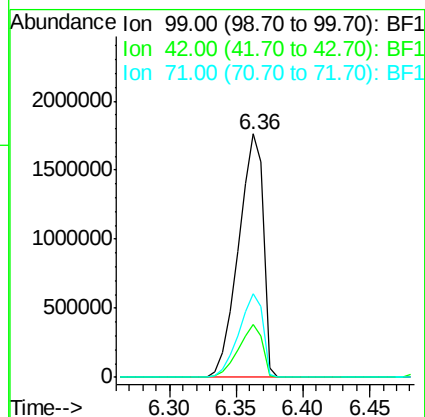
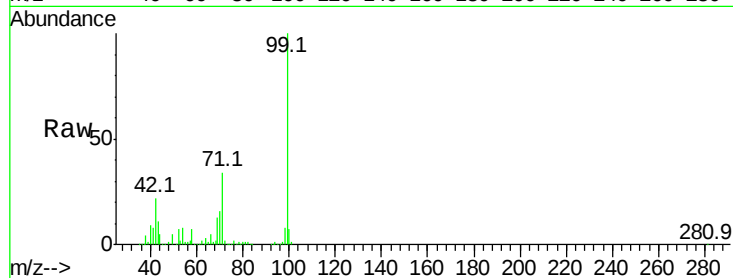
BNA_F

ClientSampleId :

SP-COMP-C

Tot Ion: 99 Resp: 2265869

Ion	Ratio	Lower	Upper
99	100		
42	21.7	14.5	21.7#
71	34.5	25.4	38.0



#10

Phenol

Concen: 4.744 ng

RT: 6.37 min Scan# 729

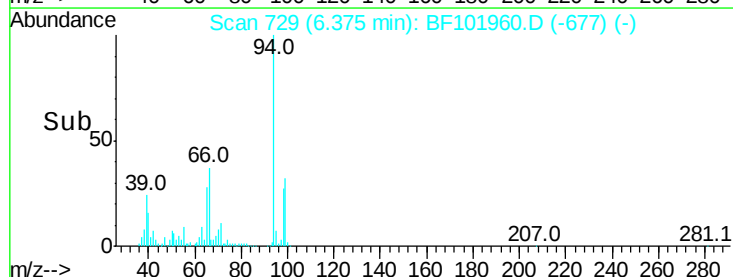
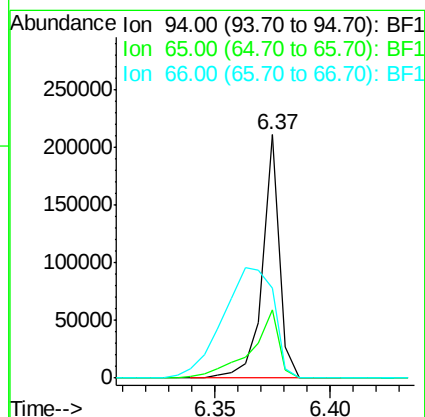
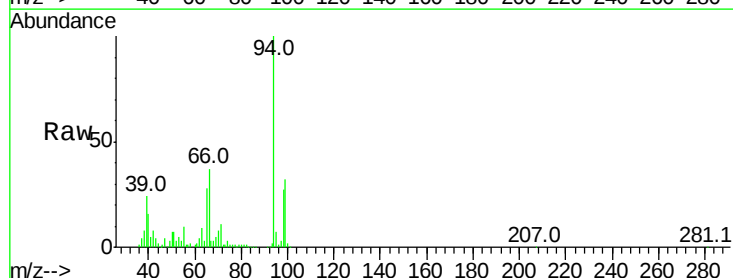
Delta R.T. 0.01 min

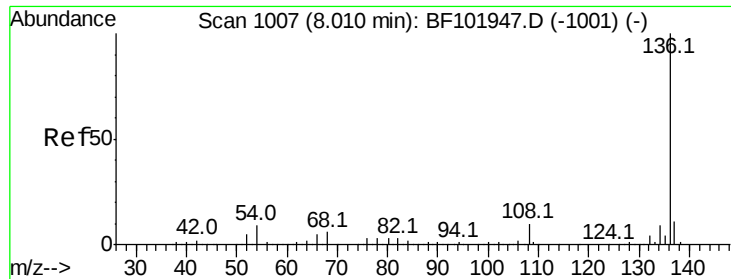
Lab File: BF101960.D

Acq: 9 Jan 2018 18:50

Tgt Ion: 94 Resp: 108806

Ion	Ratio	Lower	Upper
94	100		
65	28.1	7.9	47.9
66	36.8	16.2	56.2

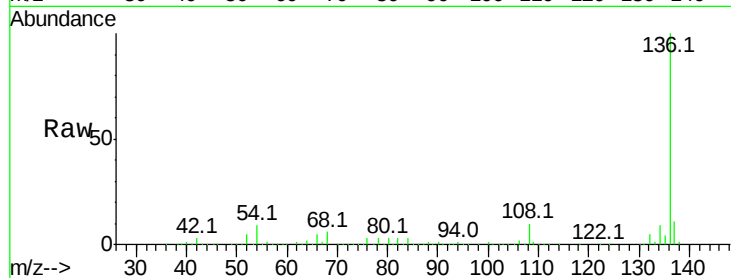




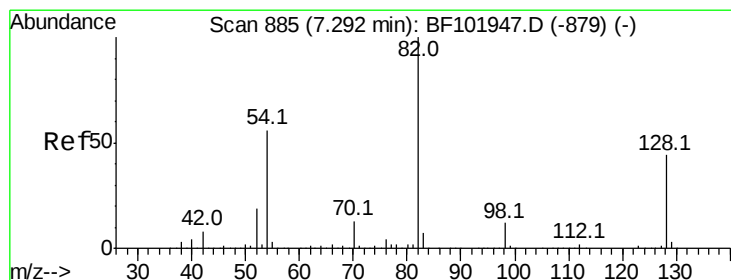
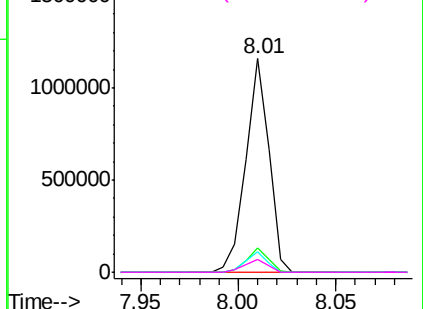
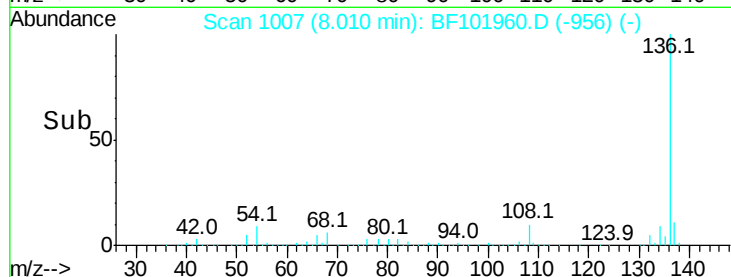
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF101960.D
Acq: 9 Jan 2018 18:50

Instrument :
BNA_F
ClientSampleId :
SP-COMP-C

Tot Ion:136 Resp: 951114
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 9.4 6.6 9.8
68 6.3 5.0 7.4

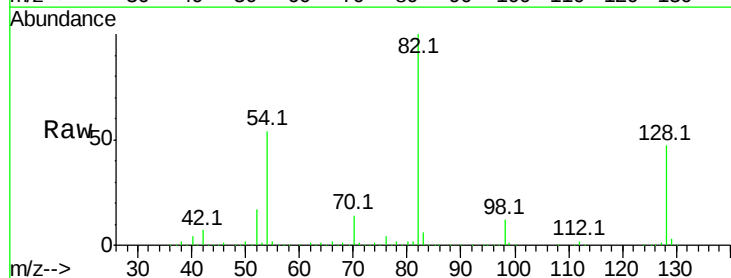


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

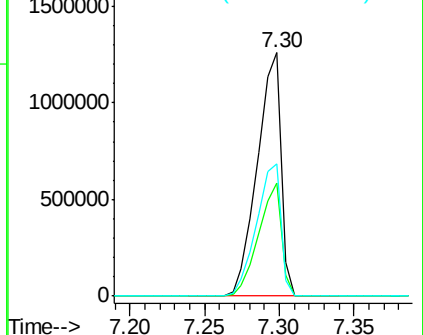
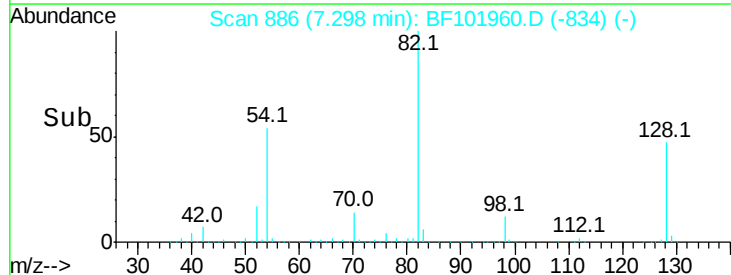


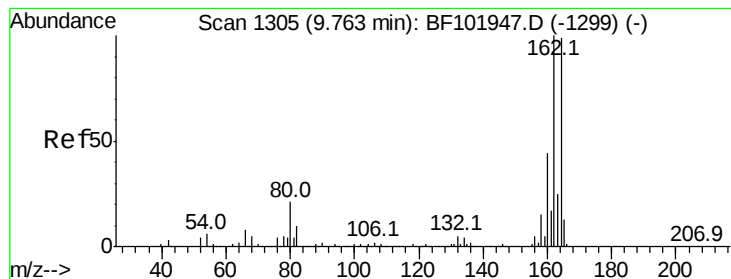
#23
Nitrobenzene-d5
Concen: 84.810 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF101960.D
Acq: 9 Jan 2018 18:50

Tgt Ion: 82 Resp: 1372672
Ion Ratio Lower Upper
82 100
128 46.6 36.1 54.1
54 54.1 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: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF101960.D

Acq: 9 Jan 2018 18:50

Instrument :

BNA_F

ClientSampleId :

SP-COMP-C

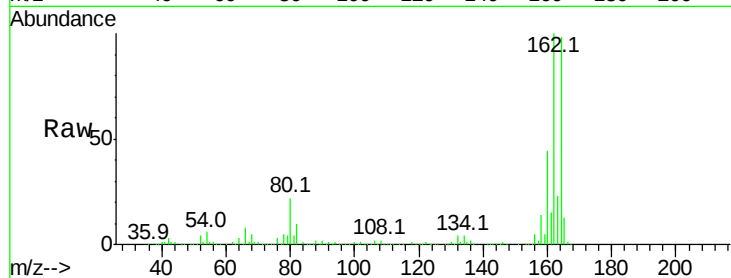
Tot Ion:164 Resp: 363915

Ion Ratio Lower Upper

164 100

162 101.8 86.1 129.1

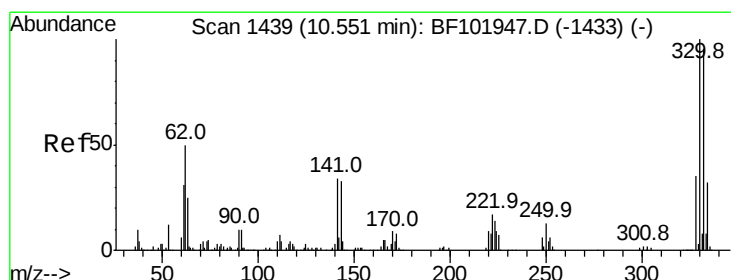
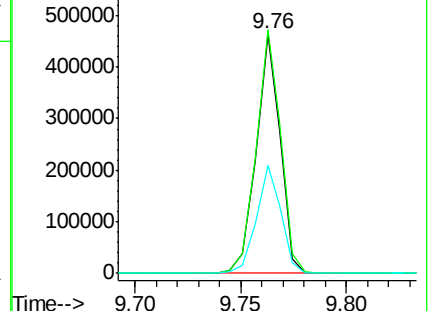
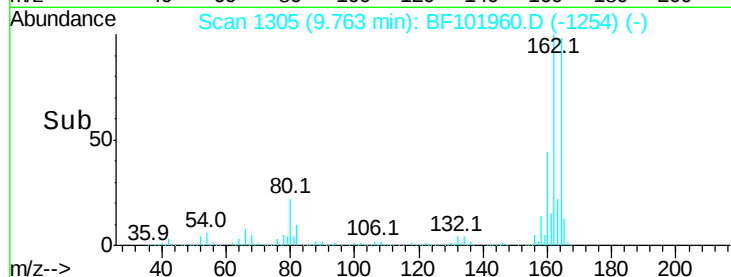
160 45.1 38.3 57.5



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: 94.737 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BF101960.D

Acq: 9 Jan 2018 18:50

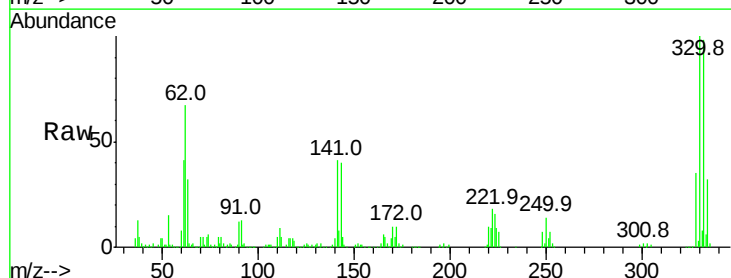
Tgt Ion:330 Resp: 300869

Ion Ratio Lower Upper

330 100

332 98.7 77.0 115.6

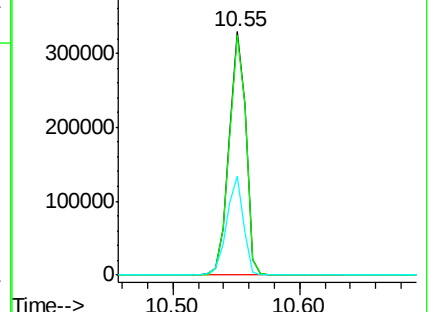
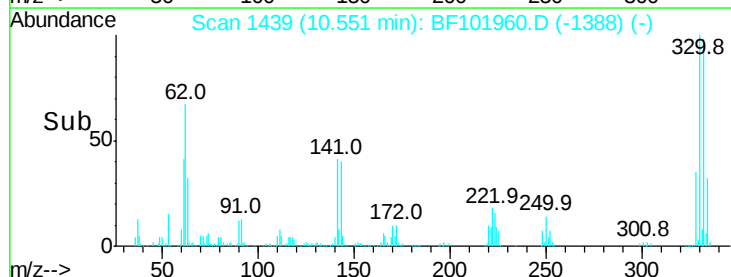
141 41.2 29.9 44.9



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



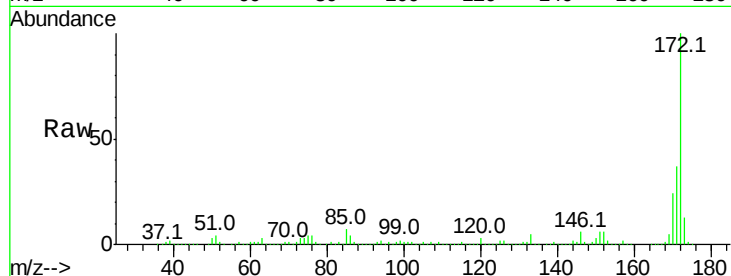


#44
 2-Fluorobiphenyl
 Concen: 75.062 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF101960.D
 Acq: 9 Jan 2018 18:50

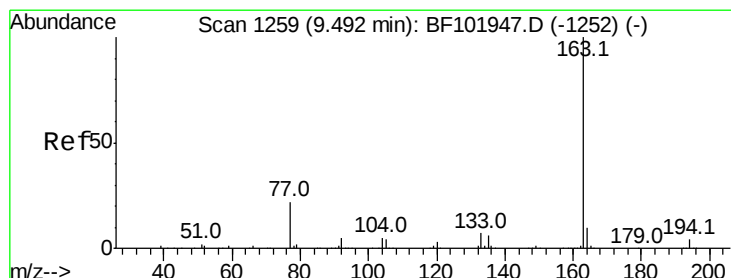
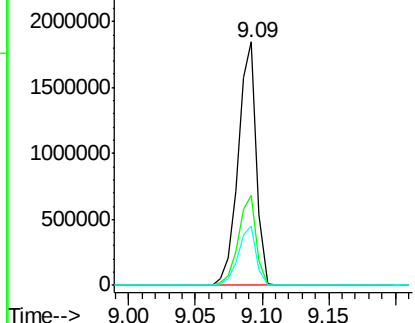
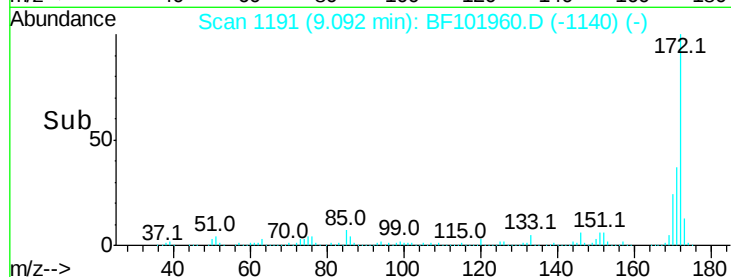
Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP-C

Tot Ion:172 Resp: 1748503

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.4	19.6	29.4



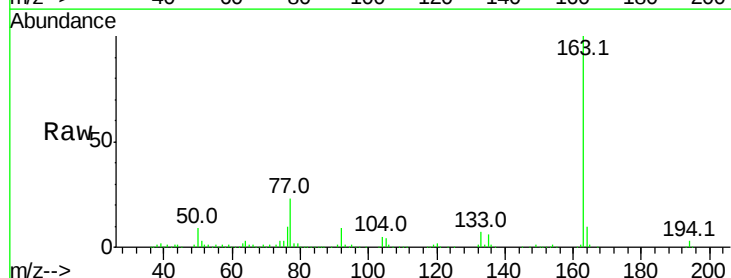
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



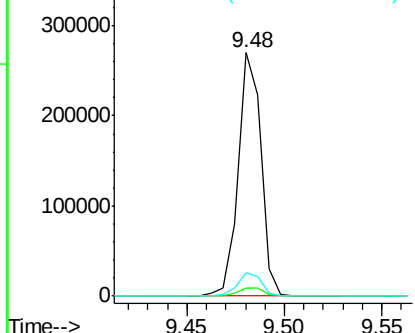
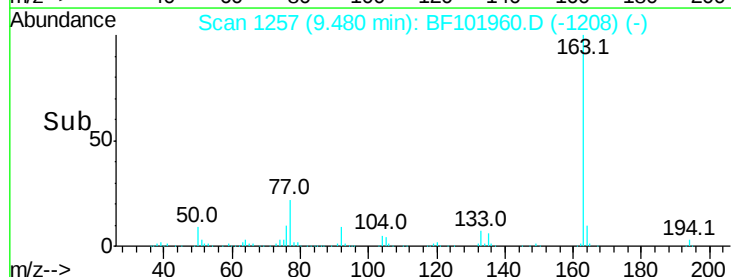
#49
 Dimethylphthalate
 Concen: 7.498 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BF101960.D
 Acq: 9 Jan 2018 18:50

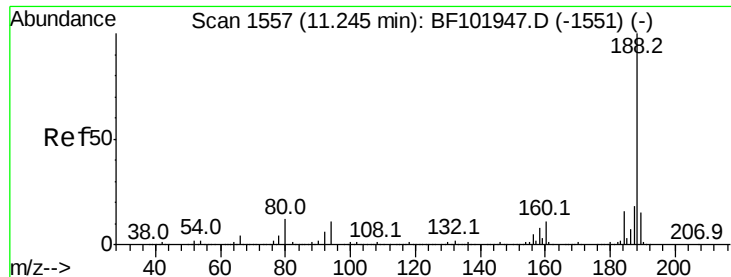
Tgt Ion:163 Resp: 218890

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	9.9	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

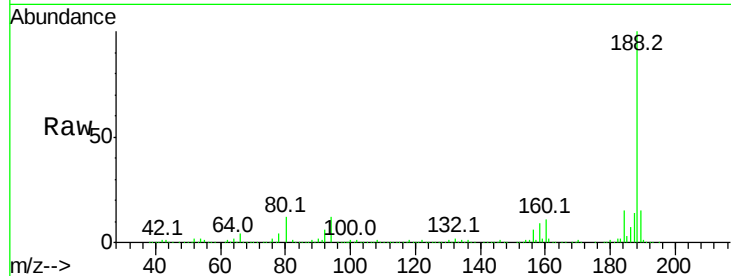




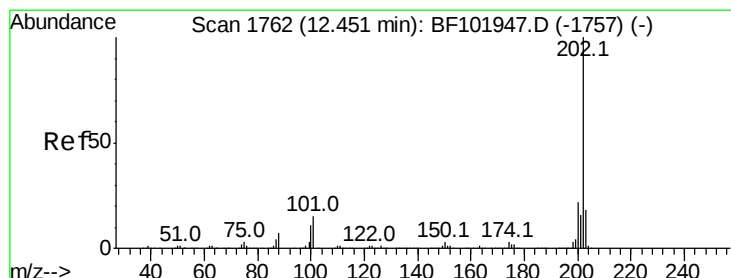
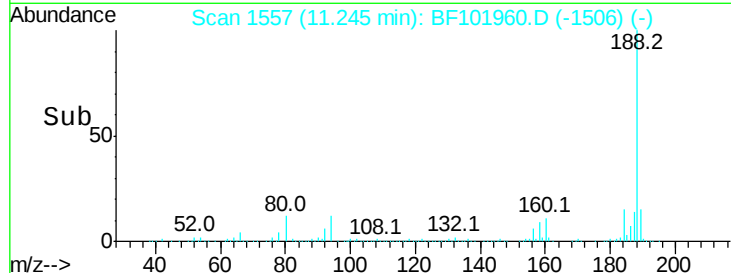
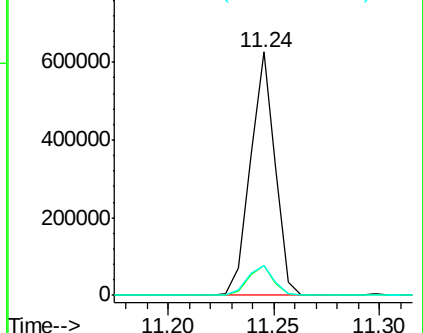
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BF101960.D
Acq: 9 Jan 2018 18:50

Instrument :
BNA_F
ClientSampleId :
SP-COMP-C

Tot Ion:188 Resp: 506496
Ion Ratio Lower Upper
188 100
94 12.2 8.5 12.7
80 12.2 9.2 13.8

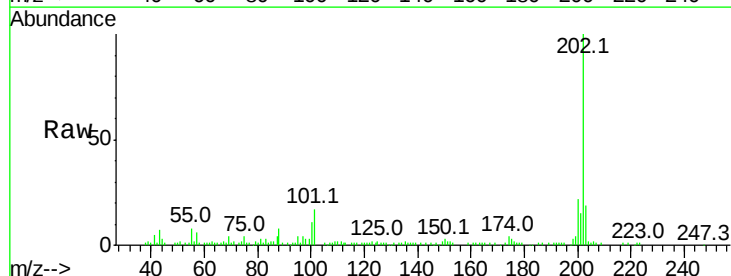


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

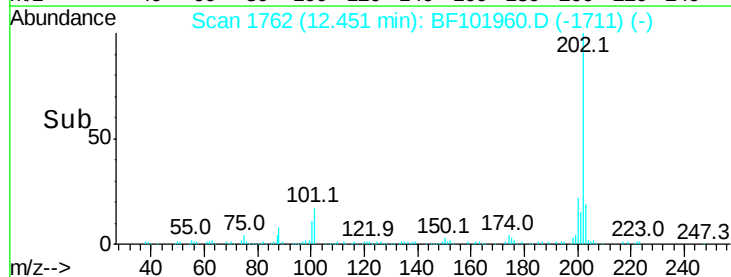
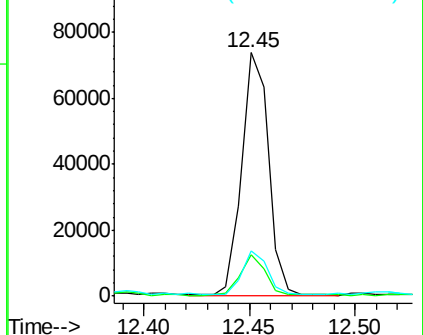


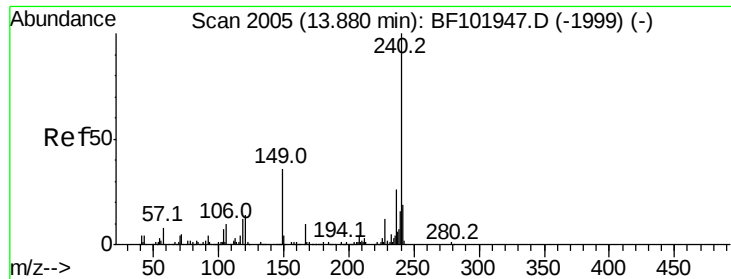
#74
Fluoranthene
Concen: 2.259 ng
RT: 12.45 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BF101960.D
Acq: 9 Jan 2018 18:50

Tgt Ion:202 Resp: 65771
Ion Ratio Lower Upper
202 100
101 17.0 0.0 34.1
203 18.8 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: BF101960.D

Acq: 9 Jan 2018 18:50

Instrument :

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ClientSampleId :

SP-COMP-C

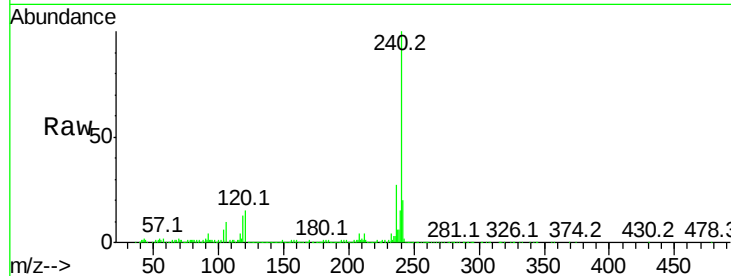
Tot Ion:240 Resp: 400196

Ion Ratio Lower Upper

240 100

120 14.9 9.5 14.3#

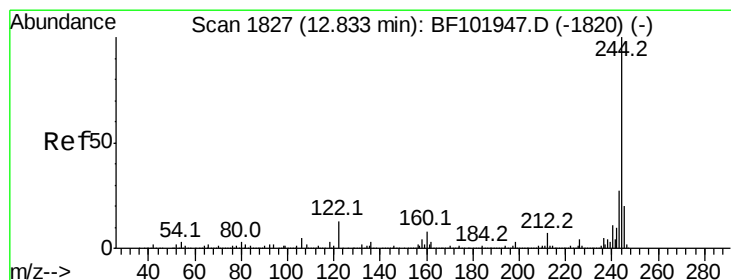
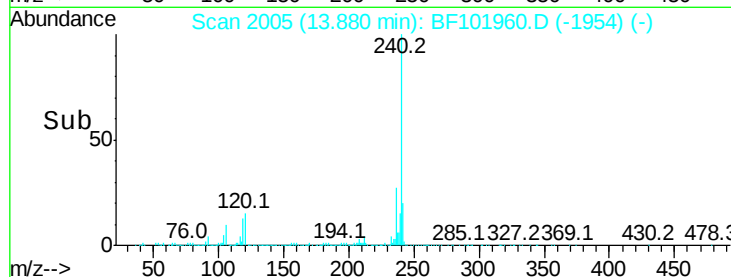
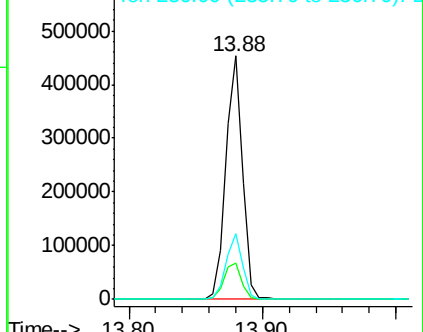
236 26.9 20.7 31.1



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: 59.448 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF101960.D

Acq: 9 Jan 2018 18:50

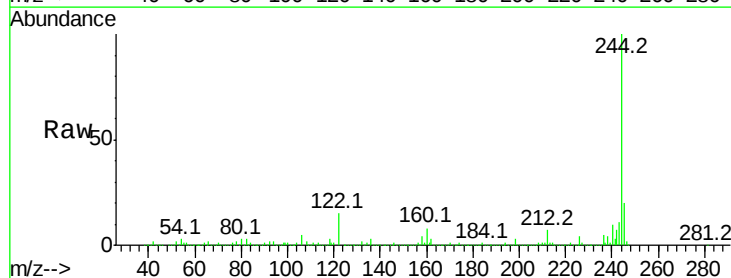
Tgt Ion:244 Resp: 1145859

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

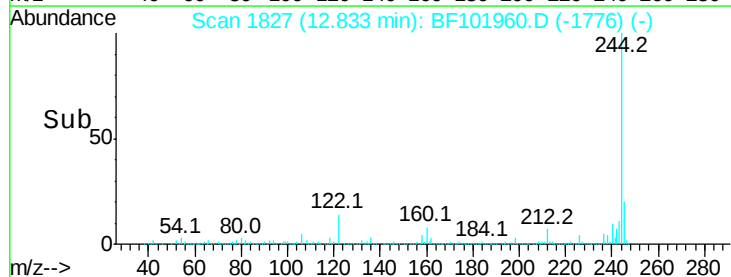
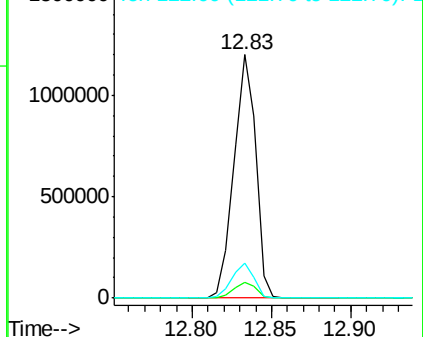
122 14.5 11.0 16.4

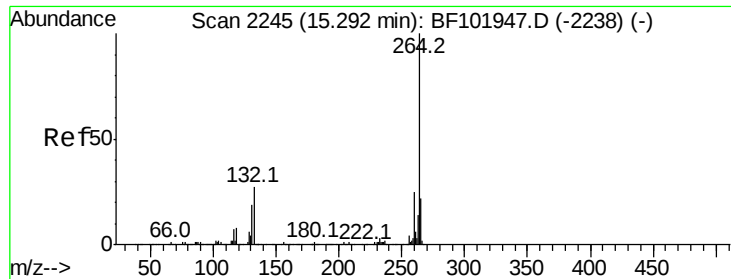


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

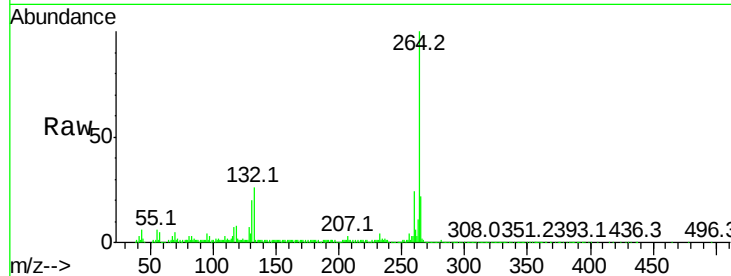




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. 0.01 min
Lab File: BF101960.D
Acq: 9 Jan 2018 18:50

Instrument :
BNA_F
ClientSampleId :
SP-COMP-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	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

