

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
 Data File : BF104710.D
 Acq On : 23 Apr 2018 15:34
 Operator : JU/SJ
 Sample : J2496-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RS-RO-1-3

Quant Time: Apr 24 09:02:35 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 15:38:25 2018
 Response via : Initial Calibration

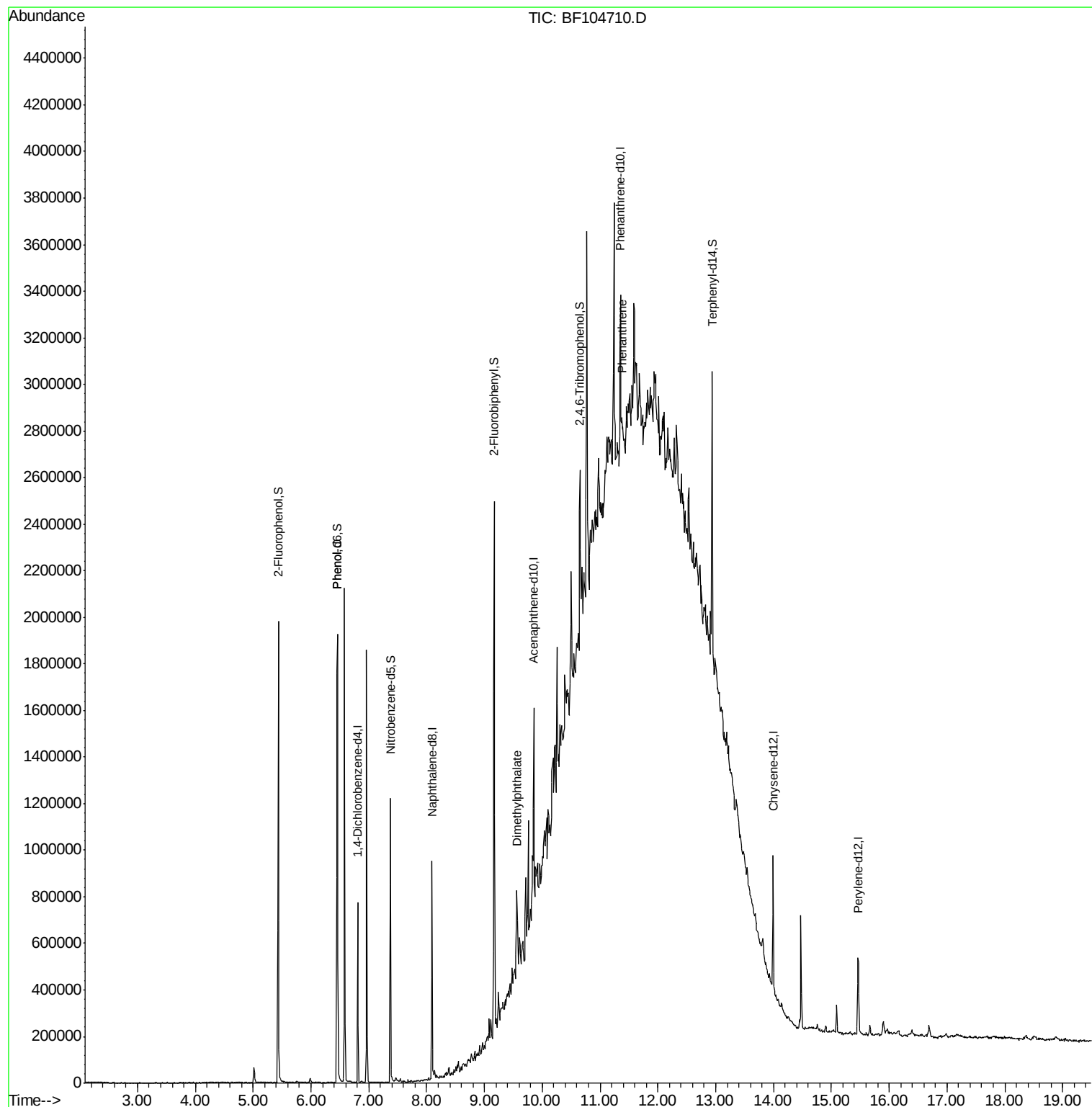
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	111240	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	400099	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	159226	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	209110	20.00	ng	0.02
75) Chrysene-d12	13.99	240	185135	20.00	ng	0.00
86) Perylene-d12	15.46	264	141589	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	590021	81.10	ng	0.02
7) Phenol-d6	6.46	99	685501	76.69	ng	0.01
23) Nitrobenzene-d5	7.37	82	365685	59.68	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	109951	66.57	ng	0.01
44) 2-Fluorobiphenyl	9.17	172	669817	66.46	ng	0.00
78) Terphenyl-d14	12.94	244	490107	60.35	ng	0.02
Target Compounds						
10) Phenol	6.46	94	32812	3.460	ng	85
49) Dimethylphthalate	9.56	163	53977	4.299	ng	# 96
70) Phenanthrene	11.37	178	33704	2.894	ng	# 66

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

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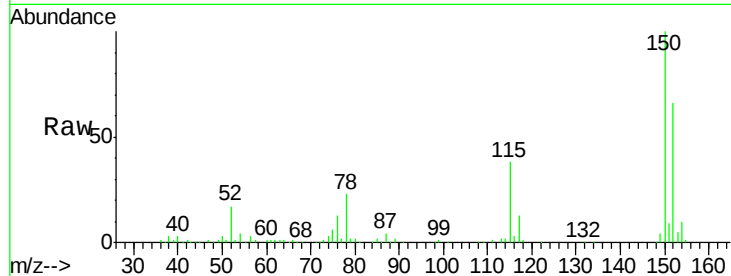


#1

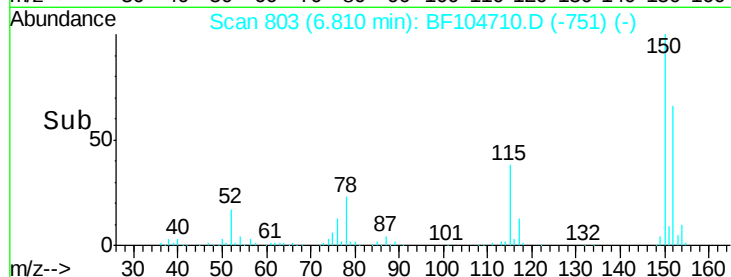
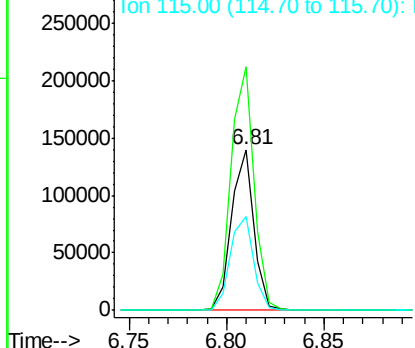
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF104710.D
Acq: 23 Apr 2018 15:34

Instrument :
BNA_F
ClientSampleId :
RS-RO-1-3

Tot Ion:152 Resp: 111240
Ion Ratio Lower Upper
152 100
150 151.8 124.6 186.8
115 58.4 50.1 75.1



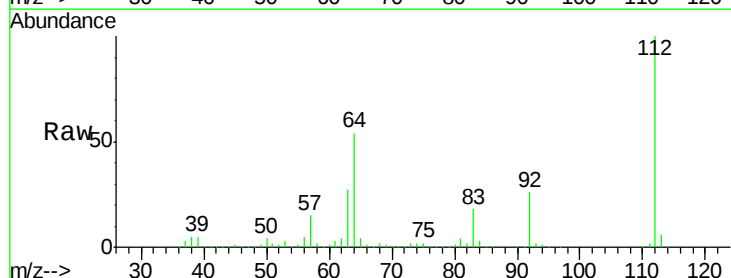
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



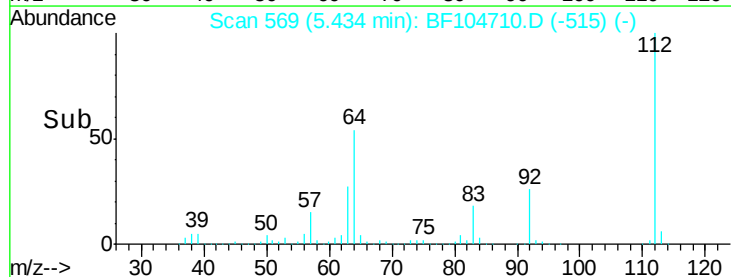
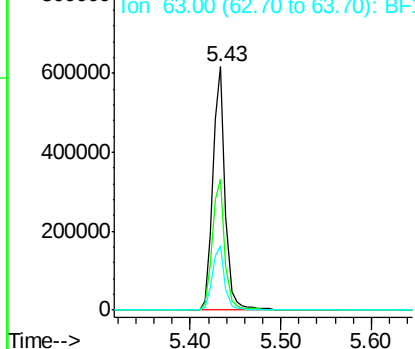
#5

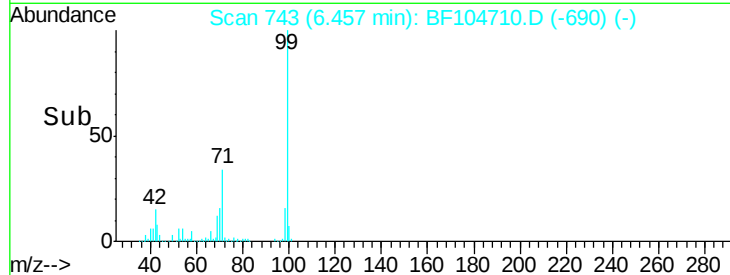
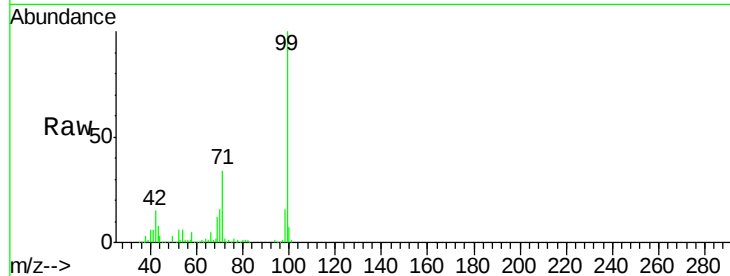
2-Fluorophenol
Concen: 81.102 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.02 min
Lab File: BF104710.D
Acq: 23 Apr 2018 15:34

Tgt Ion:112 Resp: 590021
Ion Ratio Lower Upper
112 100
64 53.7 47.9 71.9
63 26.6 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: 76.689 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF104710.D

Acq: 23 Apr 2018 15:34

Instrument :

BNA_F

ClientSampleId :

RS-RO-1-3

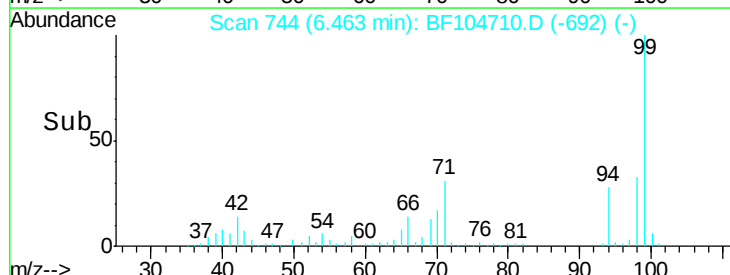
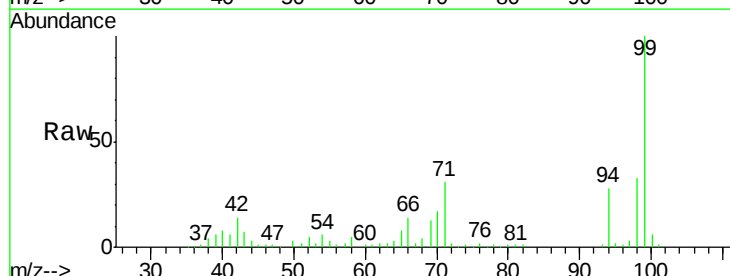
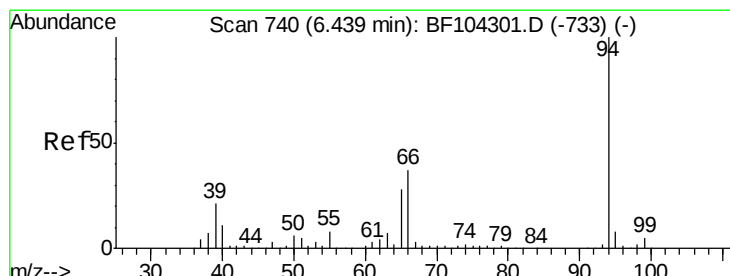
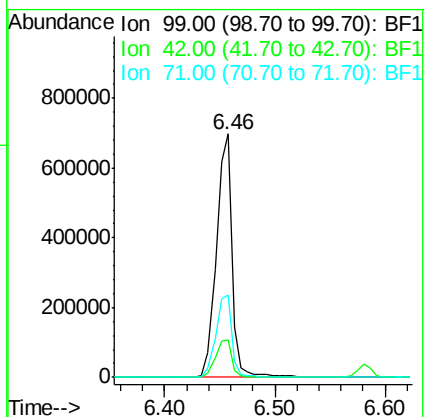
Tot Ion: 99 Resp: 685501

Ion Ratio Lower Upper

99 100

42 15.4 14.5 21.7

71 33.6 25.4 38.0



#10

Phenol

Concen: 3.460 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF104710.D

Acq: 23 Apr 2018 15:34

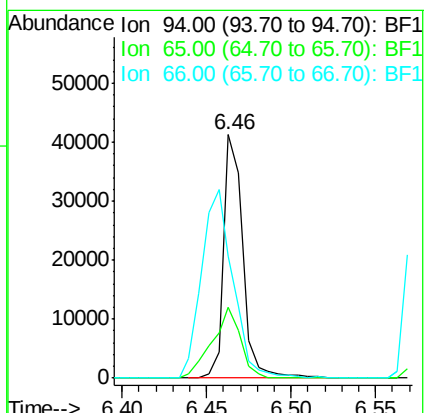
Tgt Ion: 94 Resp: 32812

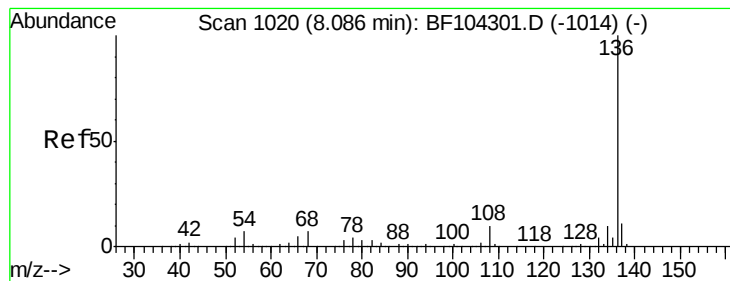
Ion Ratio Lower Upper

94 100

65 29.3 7.9 47.9

66 50.1 16.2 56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF104710.D

Acq: 23 Apr 2018 15:34

Instrument :

BNA_F

ClientSampleId :

RS-RO-1-3

Tot Ion:136 Resp: 400099

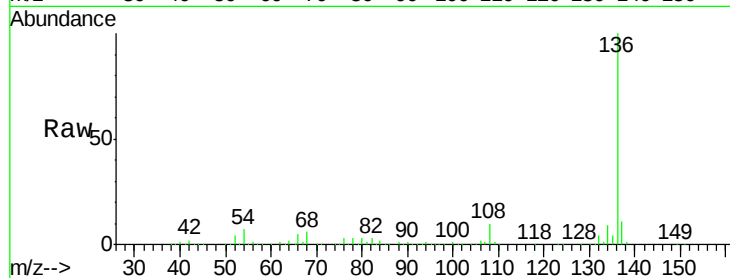
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.9 6.6 9.8

68 6.0 5.0 7.4

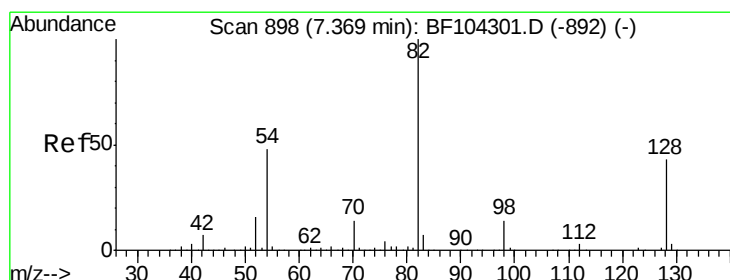
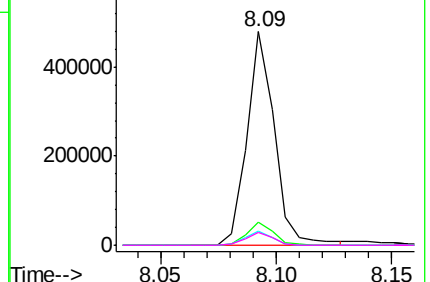
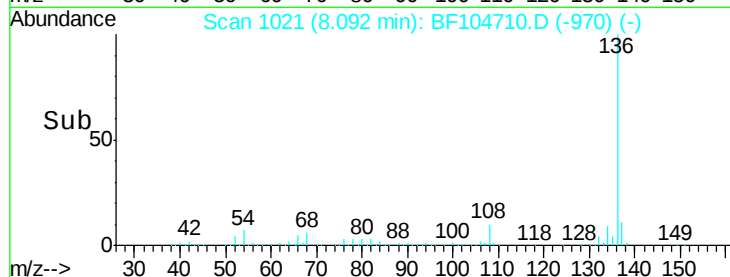


Abundance Ion 136.00 (135.70 to 136.70): E

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: 59.682 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF104710.D

Acq: 23 Apr 2018 15:34

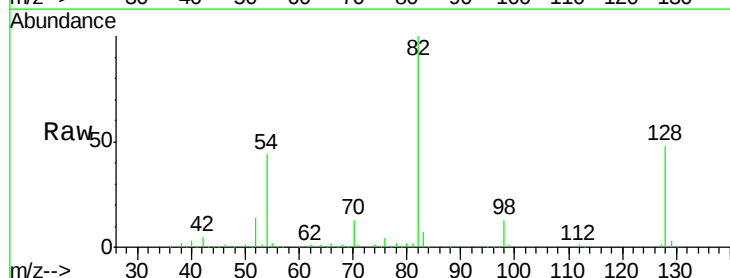
Tgt Ion: 82 Resp: 365685

Ion Ratio Lower Upper

82 100

128 48.0 36.1 54.1

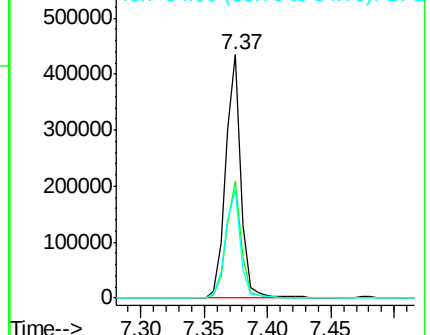
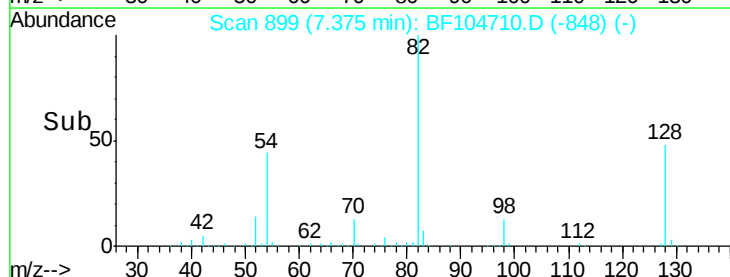
54 44.3 41.4 62.2

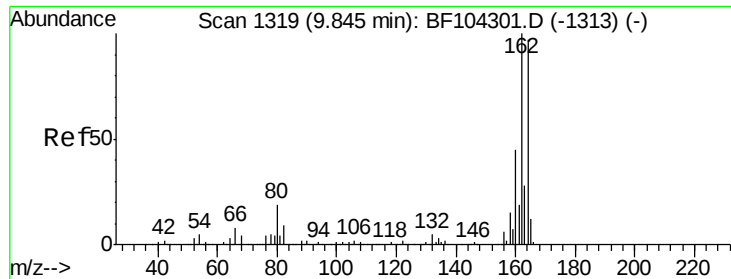


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

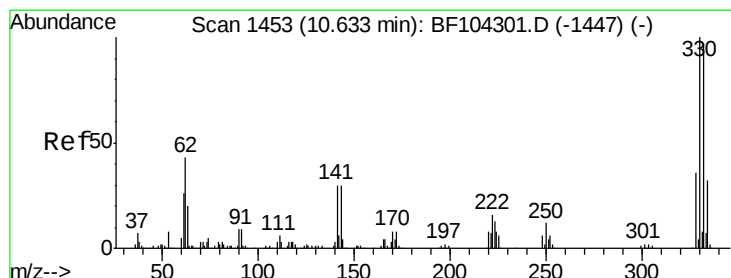
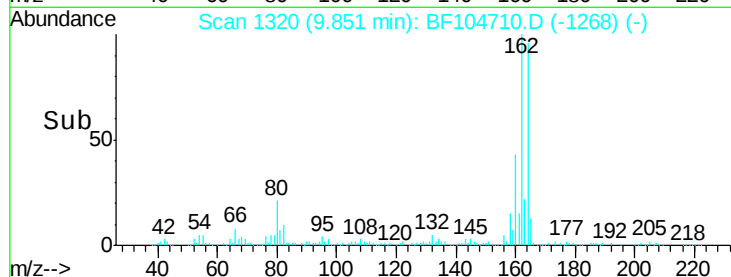
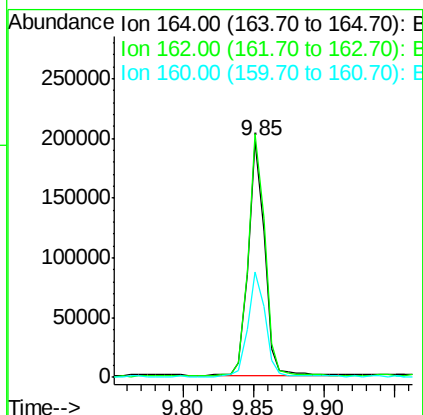
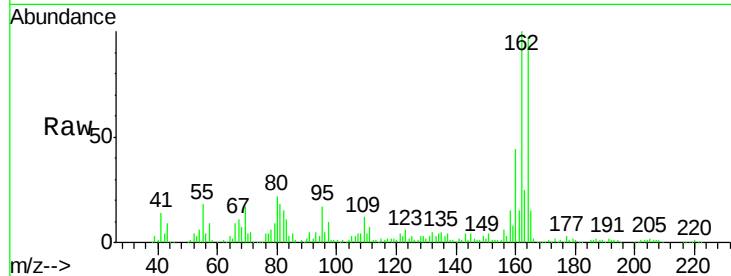




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.01 min
 Lab File: BF104710.D
 Acq: 23 Apr 2018 15:34

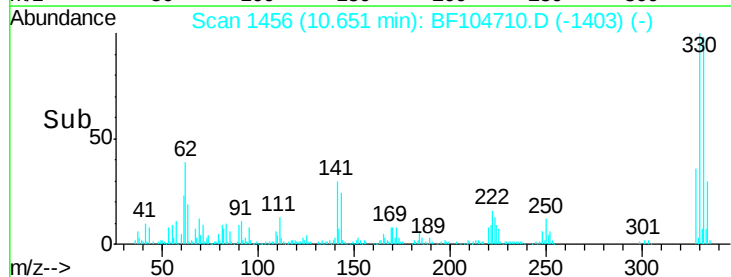
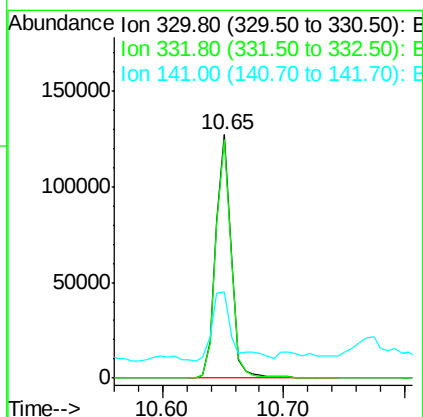
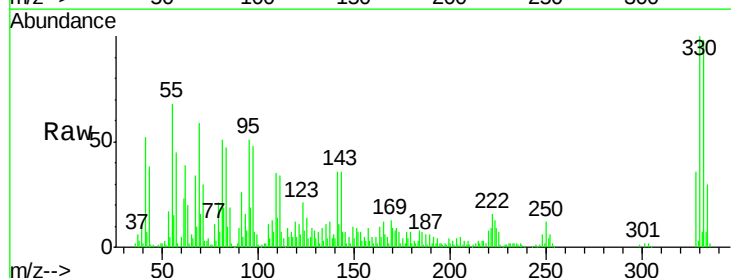
Instrument :
 BNA_F
 ClientSampleId :
 RS-RO-1-3

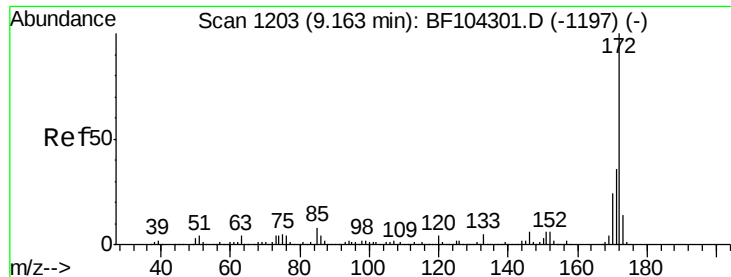
Tot Ion:164 Resp: 159226
 Ion Ratio Lower Upper
 164 100
 162 103.1 86.1 129.1
 160 44.9 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 66.569 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. 0.01 min
 Lab File: BF104710.D
 Acq: 23 Apr 2018 15:34

Tgt Ion:330 Resp: 109951
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.0 115.6
 141 37.5 29.9 44.9

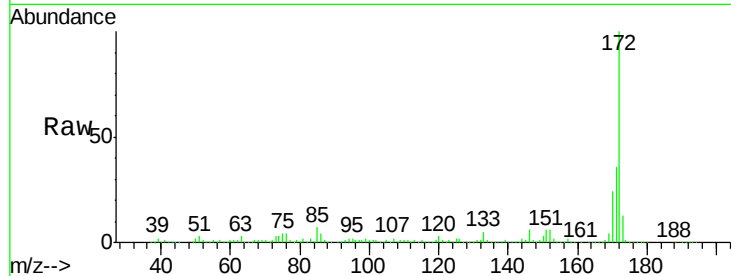




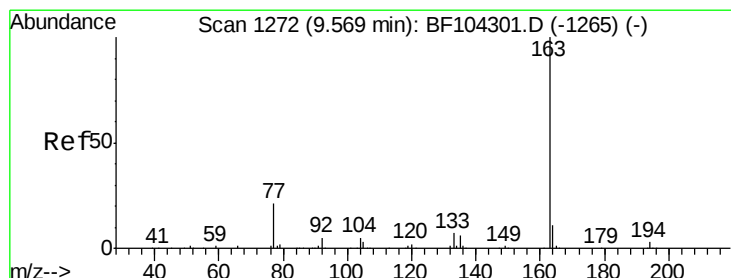
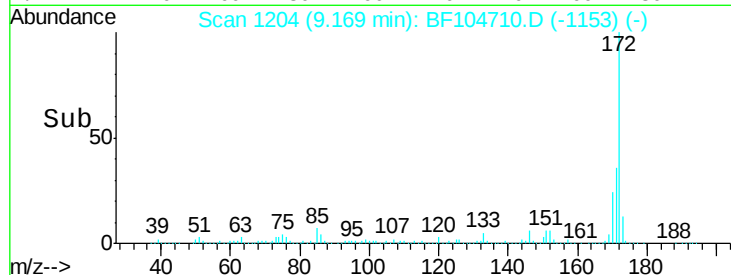
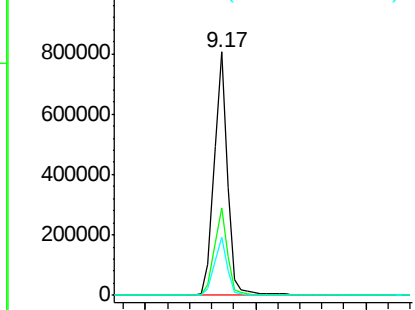
#44
 2-Fluorobiphenyl
 Concen: 66.456 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF104710.D
 Acq: 23 Apr 2018 15:34

Instrument :
 BNA_F
 ClientSampleId :
 RS-RO-1-3

Tot Ion:172 Resp: 669817
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.6 19.6 29.4

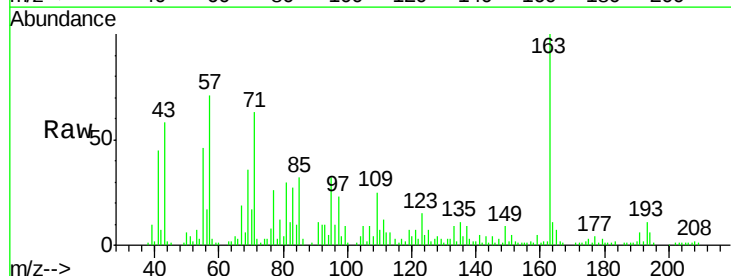


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

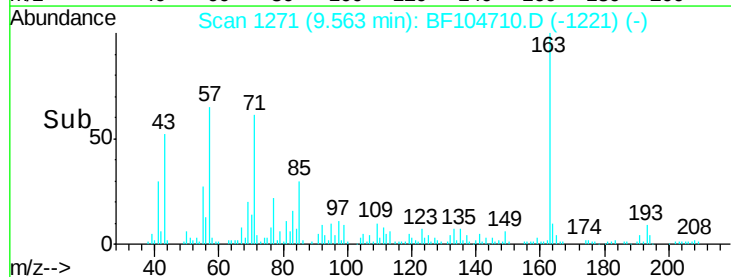
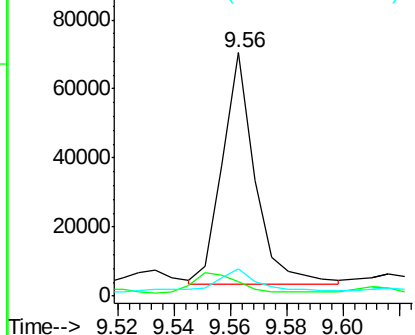


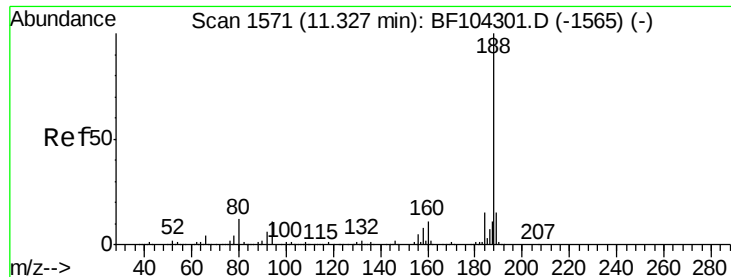
#49
 Dimethylphthalate
 Concen: 4.299 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. -0.01 min
 Lab File: BF104710.D
 Acq: 23 Apr 2018 15:34

Tgt Ion:163 Resp: 53977
 Ion Ratio Lower Upper
 163 100
 194 5.9 2.7 4.1#
 164 11.2 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: 11.35 min Scan# 1575

Delta R.T. 0.02 min

Lab File: BF104710.D

Acq: 23 Apr 2018 15:34

Instrument :

BNA_F

ClientSampleId :

RS-RO-1-3

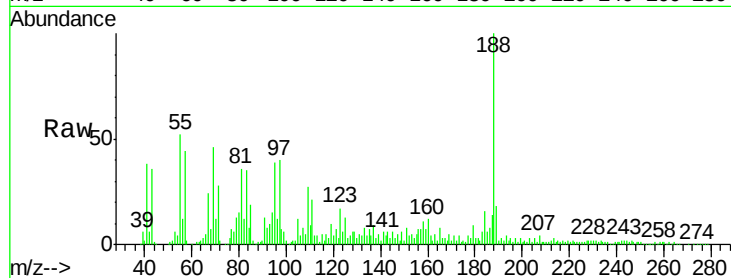
Tot Ion:188 Resp: 209110

Ion Ratio Lower Upper

188 100

94 15.1 8.5 12.7#

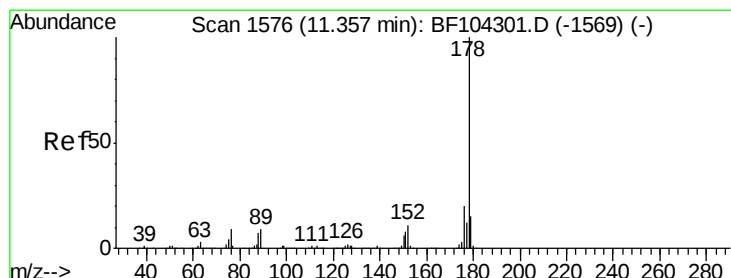
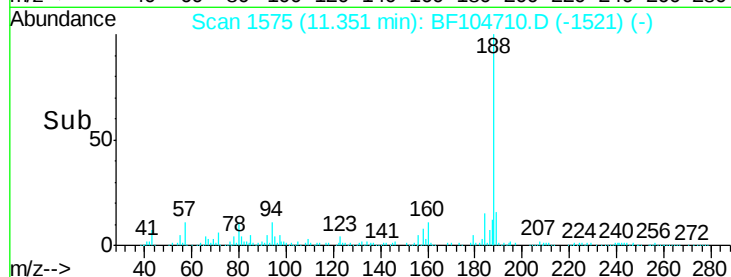
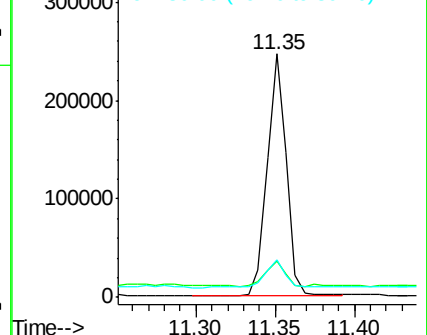
80 15.2 9.2 13.8#



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



#70

Phenanthrene

Concen: 2.894 ng

RT: 11.37 min Scan# 1579

Delta R.T. 0.01 min

Lab File: BF104710.D

Acq: 23 Apr 2018 15:34

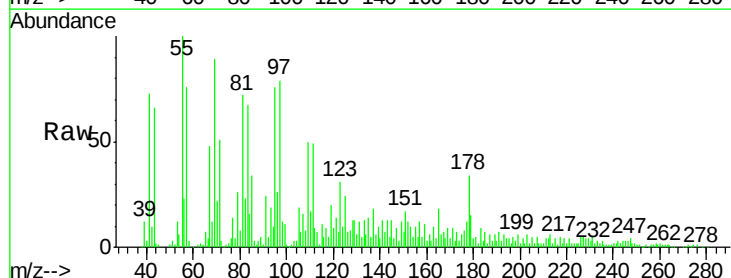
Tgt Ion:178 Resp: 33704

Ion Ratio Lower Upper

178 100

176 24.7 15.8 23.8#

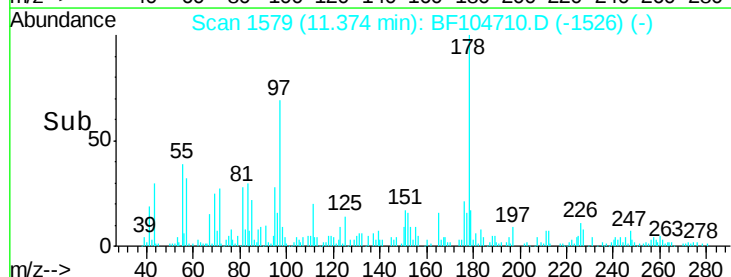
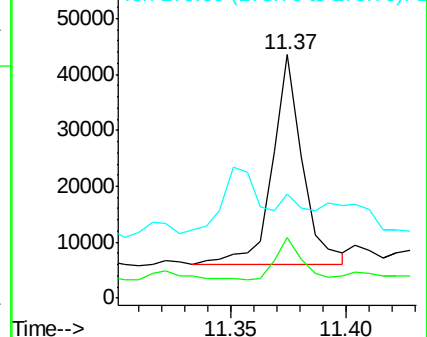
179 42.7 13.0 19.6#

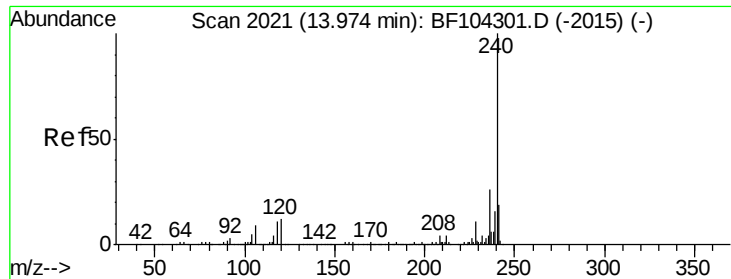


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BF104710.D

Acq: 23 Apr 2018 15:34

Instrument :

BNA_F

ClientSampleId :

RS-RO-1-3

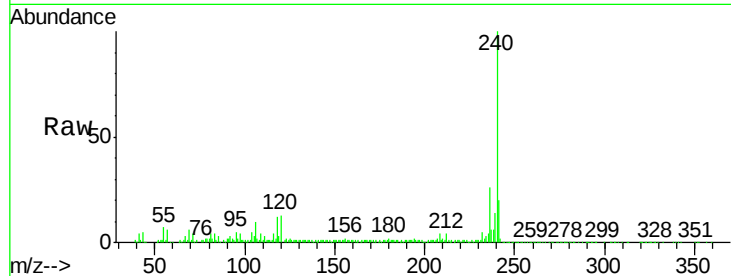
Tot Ion:240 Resp: 185135

Ion Ratio Lower Upper

240 100

120 12.9 9.5 14.3

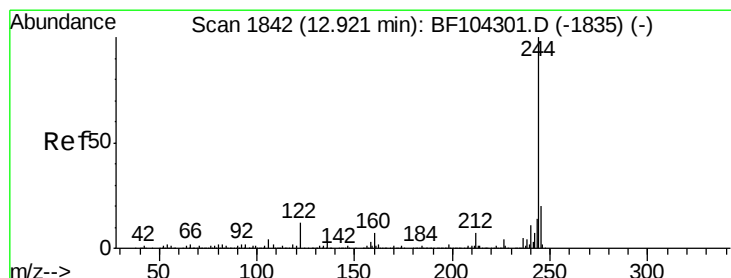
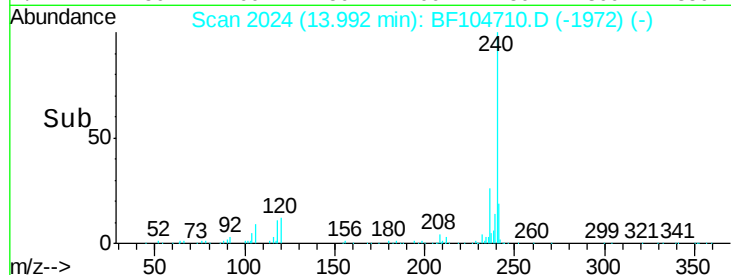
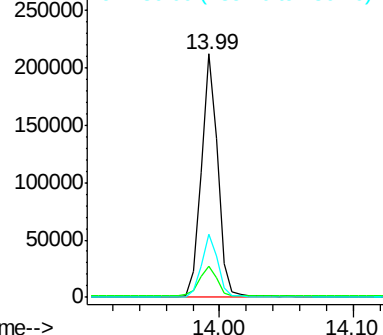
236 25.8 20.7 31.1



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: 60.354 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.02 min

Lab File: BF104710.D

Acq: 23 Apr 2018 15:34

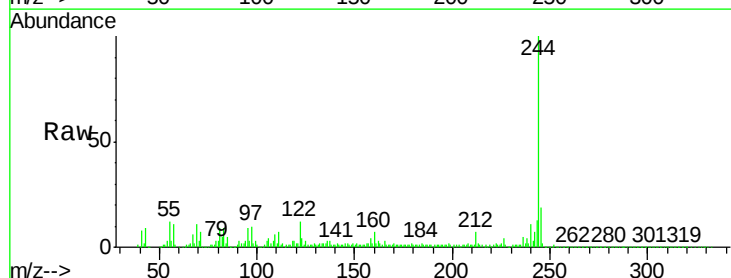
Tgt Ion:244 Resp: 490107

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

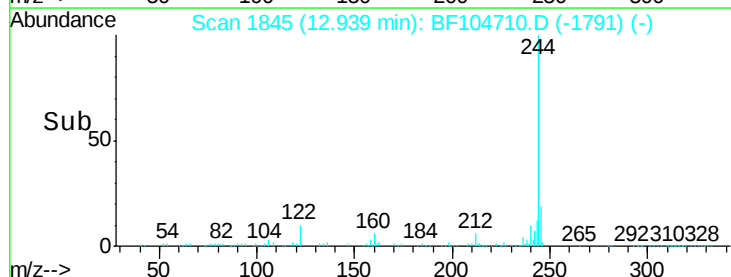
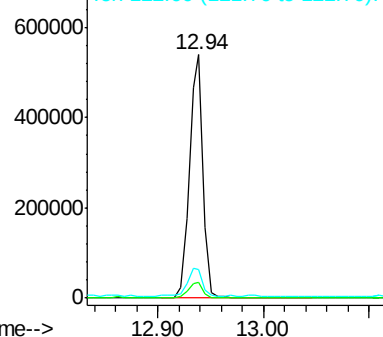
122 11.5 11.0 16.4

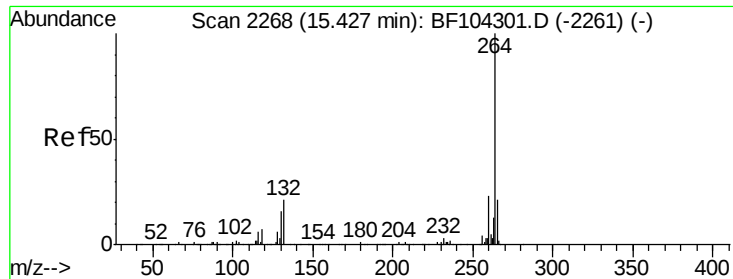


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

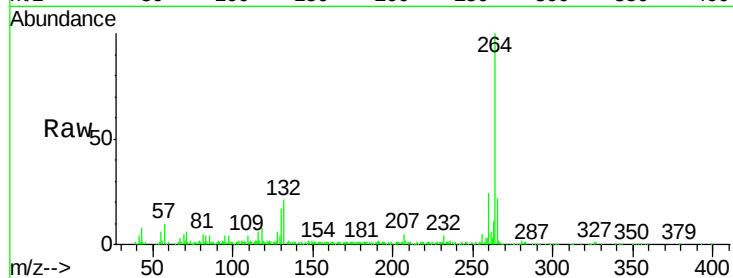




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF104710.D
Acq: 23 Apr 2018 15:34

Instrument :
BNA_F
ClientSampleId :
RS-RO-1-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.1	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

