

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
 Data File : BF101620.D
 Acq On : 21 Dec 2017 21:15
 Operator : SJ/JU
 Sample : I6920-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HL-8C

Quant Time: Dec 22 01:42:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

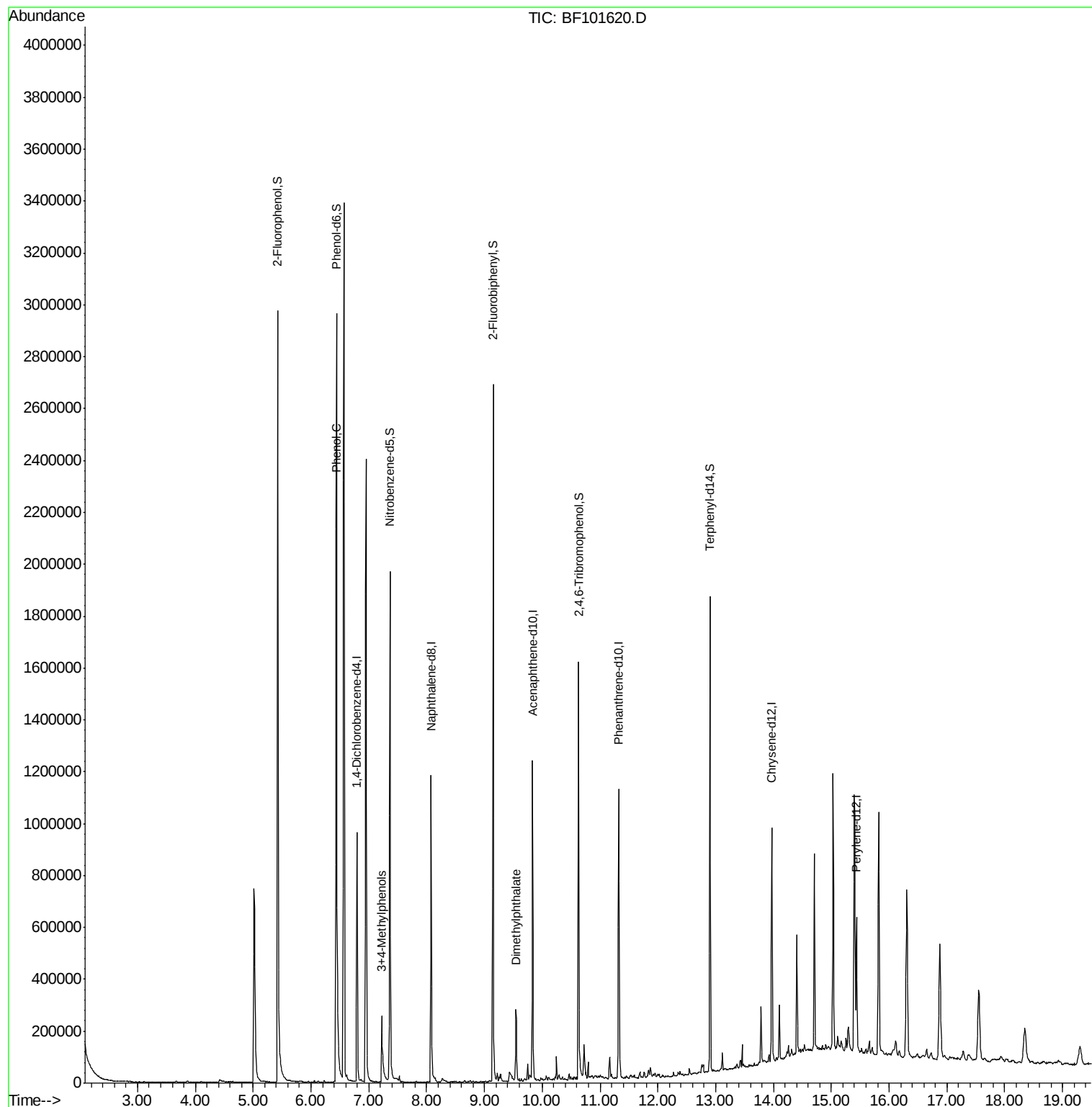
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	154544	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	603727	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	245633	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	392201	20.00	ng	0.00
75) Chrysene-d12	13.97	240	301479	20.00	ng	0.00
86) Perylene-d12	15.44	264	255516	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1021435	98.45	ng	0.01
7) Phenol-d6	6.44	99	1224048	94.80	ng	0.00
23) Nitrobenzene-d5	7.37	82	745099	68.70	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	198194	83.74	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	879945	55.57	ng	0.00
78) Terphenyl-d14	12.90	244	598442	47.85	ng	0.00
Target Compounds						
10) Phenol	6.45	94	48151	3.272	ng	81
20) 3+4-Methylphenols	7.22	107	135465	12.734	ng	85
49) Dimethylphthalate	9.55	163	114069	5.773	ng	100

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

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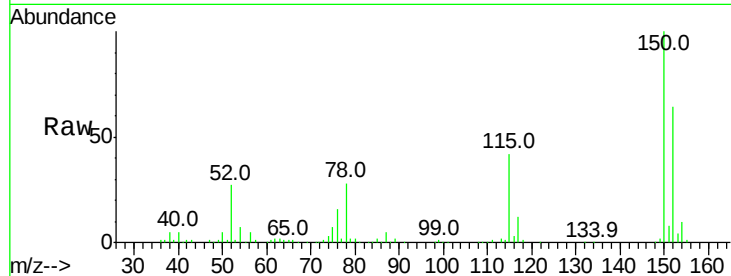


#1

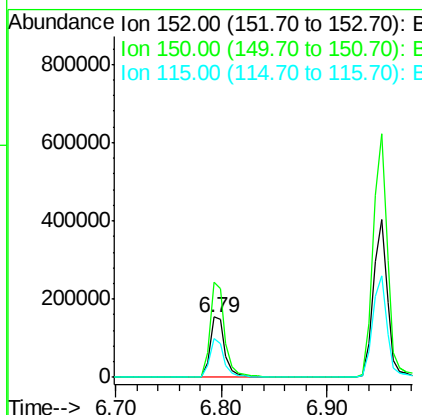
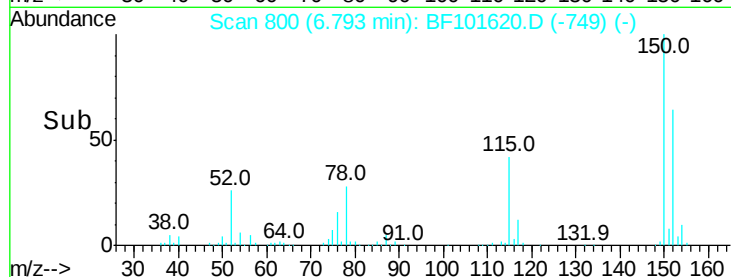
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF101620.D
 Acq: 21 Dec 2017 21:15

Instrument :
 BNA_F
 ClientSampleId :
 HL-8C

Tot Ion:152 Resp: 154544
 Ion Ratio Lower Upper
 152 100
 150 156.7 124.6 186.8
 115 65.2 50.1 75.1



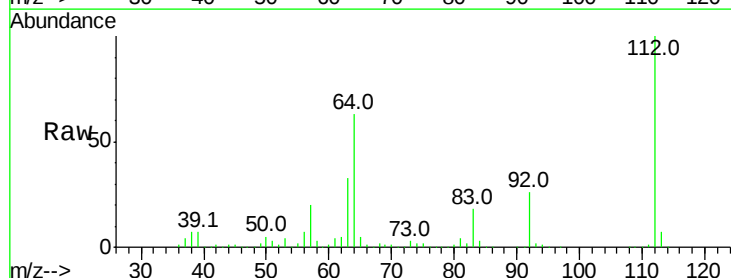
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



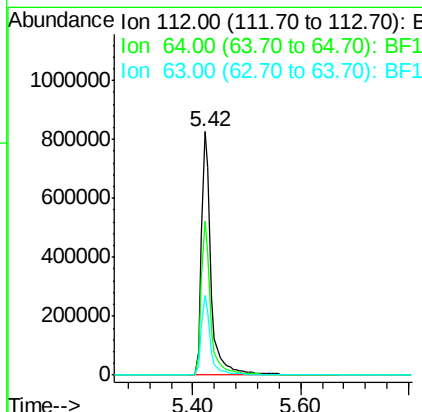
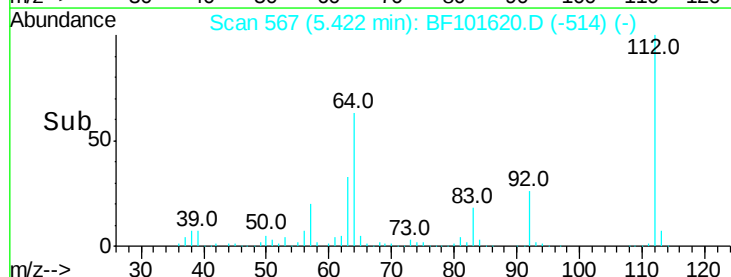
#5

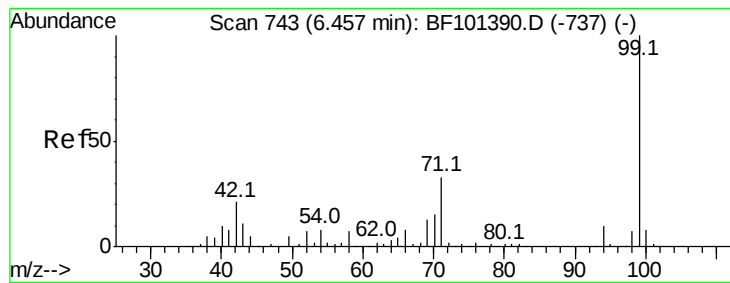
2-Fluorophenol
 Concen: 98.451 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: BF101620.D
 Acq: 21 Dec 2017 21:15

Tgt Ion:112 Resp: 1021435
 Ion Ratio Lower Upper
 112 100
 64 63.2 47.9 71.9
 63 32.6 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: 94.799 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF101620.D

Acq: 21 Dec 2017 21:15

Instrument :

BNA_F

ClientSampleId :

HL-8C

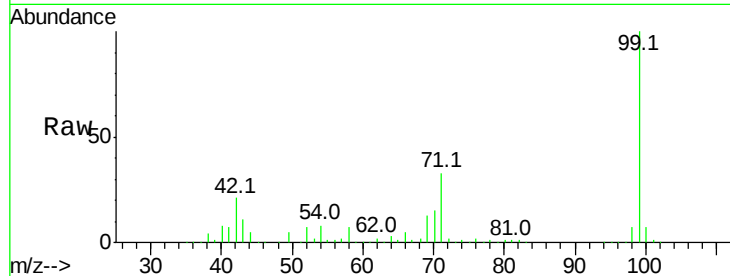
Tot Ion: 99 Resp: 1224048

Ion Ratio Lower Upper

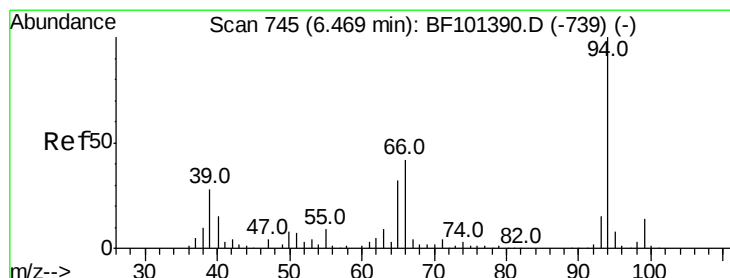
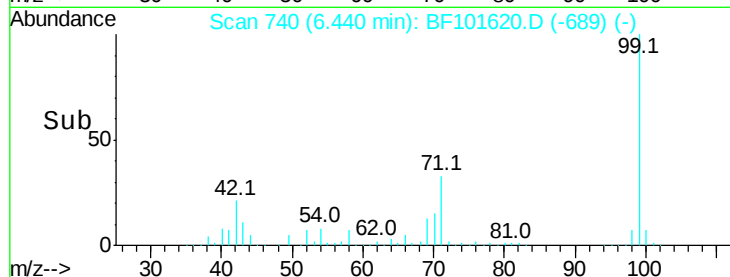
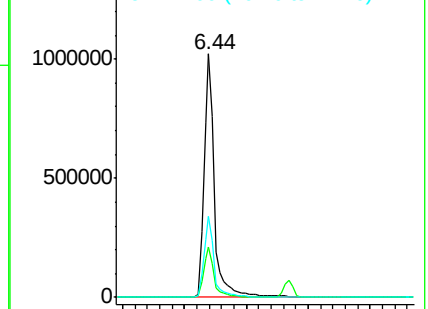
99 100

42 20.6 14.5 21.7

71 33.3 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.272 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF101620.D

Acq: 21 Dec 2017 21:15

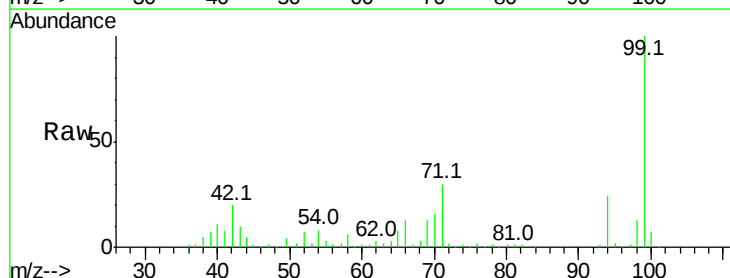
Tgt Ion: 94 Resp: 48151

Ion Ratio Lower Upper

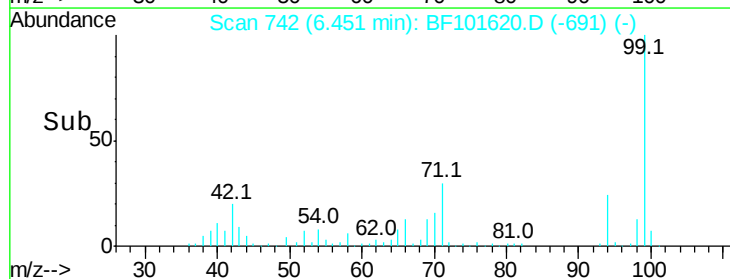
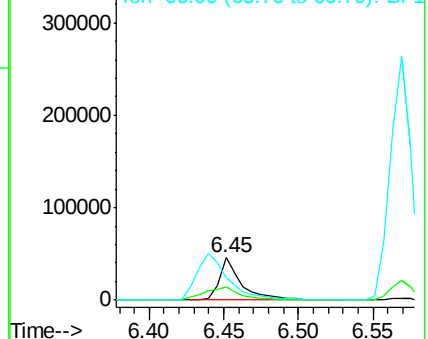
94 100

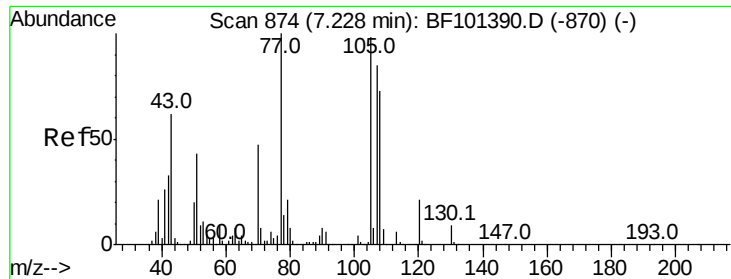
65 32.0 7.9 47.9

66 52.3 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#20

3+4-Methylphenols

Concen: 12.734 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.01 min

Lab File: BF101620.D

Acq: 21 Dec 2017 21:15

Instrument :

BNA_F

ClientSampleId :

HL-8C

Tot Ion:107 Resp: 135465

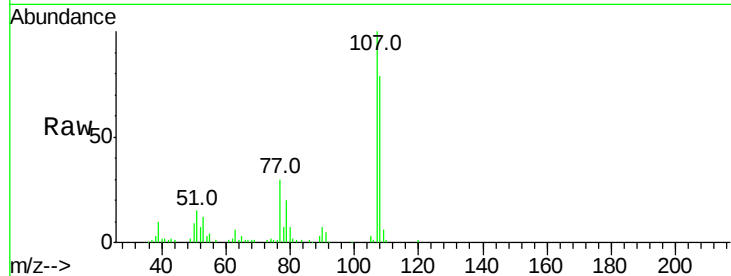
Ion Ratio Lower Upper

107 100

108 78.8 68.2 108.2

77 29.9 26.7 66.7

79 20.2 6.3 46.3

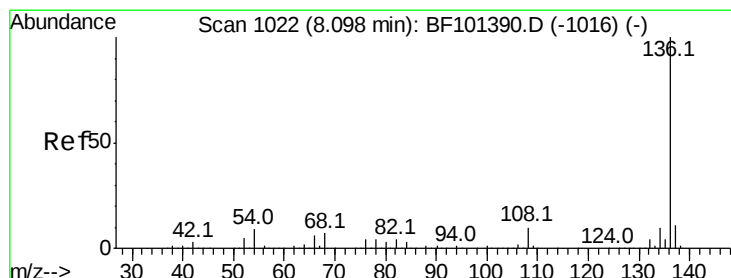
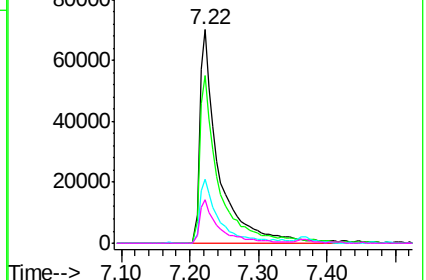
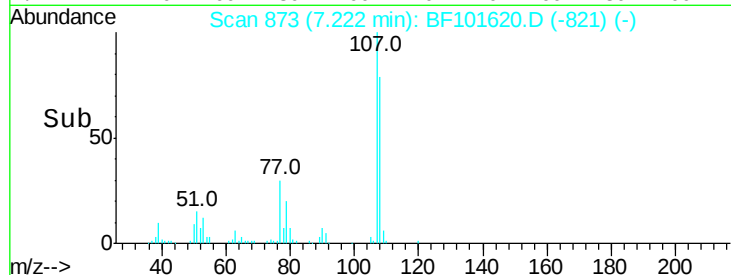


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF101620.D

Acq: 21 Dec 2017 21:15

Tgt Ion:136 Resp: 603727

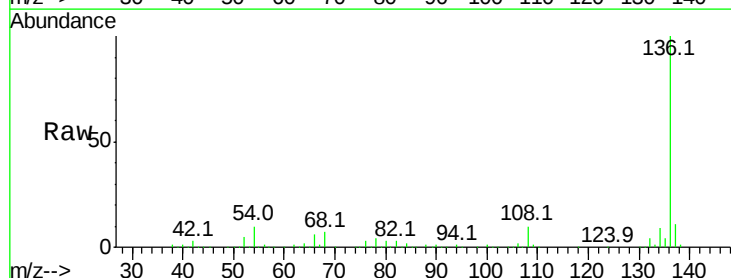
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.7 6.6 9.8

68 6.9 5.0 7.4

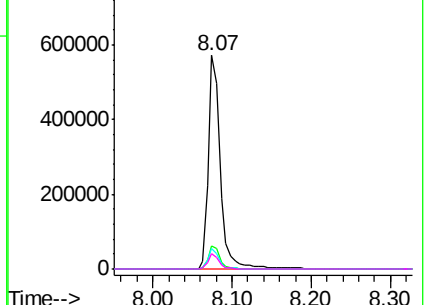
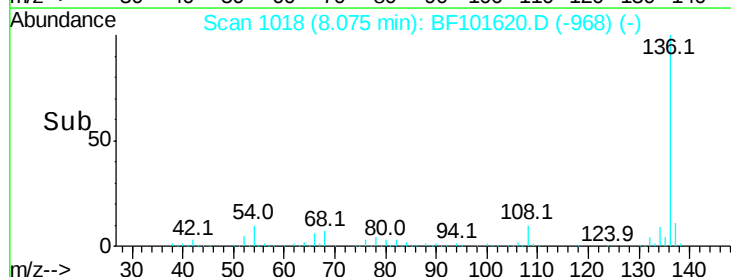


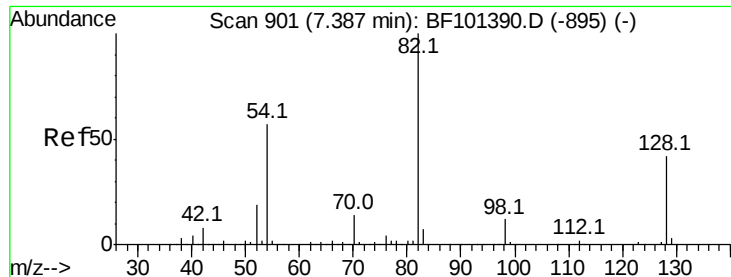
Abundance Ion 136.00 (135.70 to 136.70): E

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

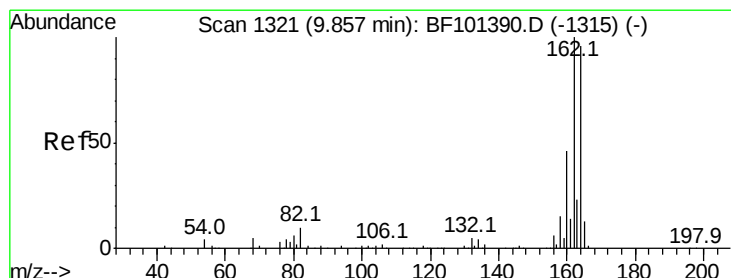
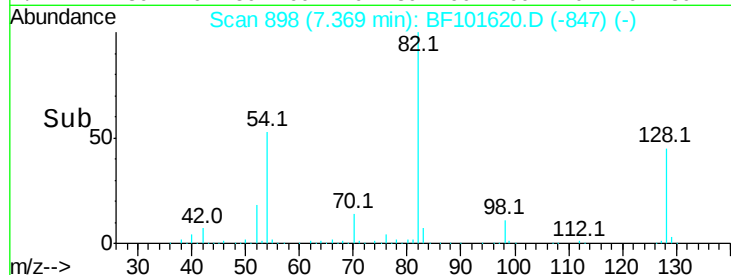
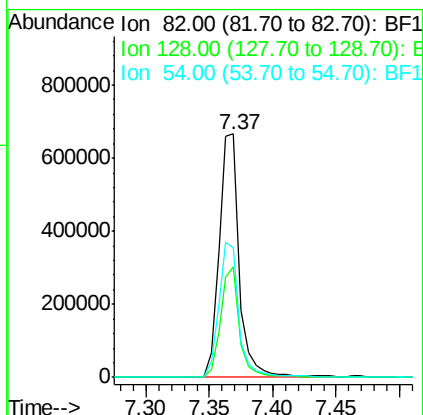
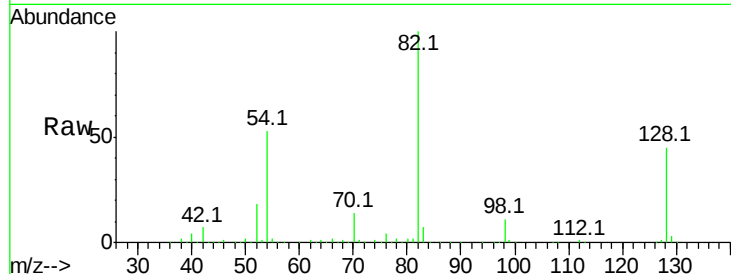




#23
 Nitrobenzene-d5
 Concen: 68.701 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BF101620.D
 Acq: 21 Dec 2017 21:15

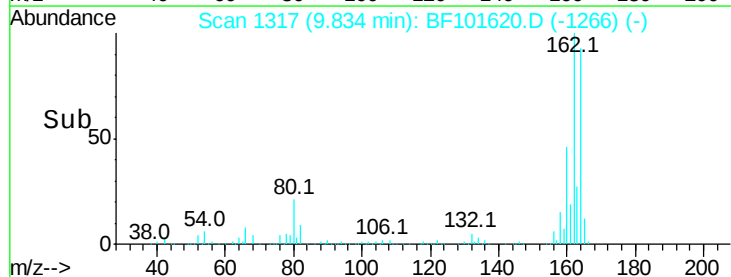
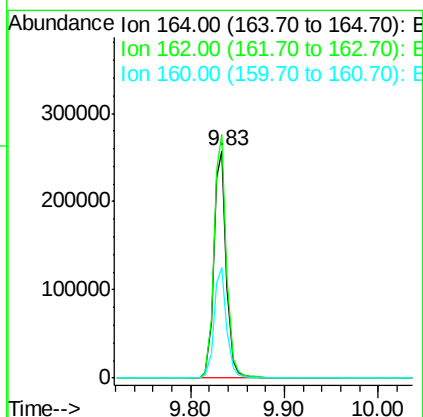
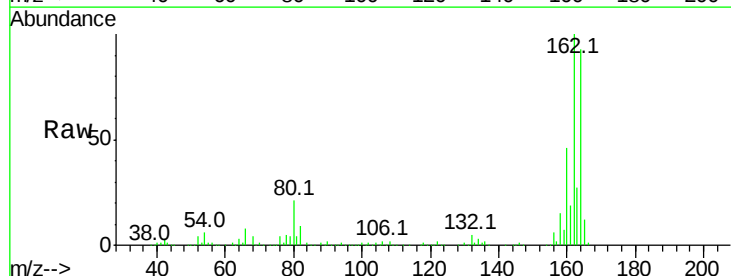
Instrument :
 BNA_F
 ClientSampleId :
 HL-8C

Tot Ion: 82 Resp: 745099
 Ion Ratio Lower Upper
 82 100
 128 45.4 36.1 54.1
 54 53.4 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF101620.D
 Acq: 21 Dec 2017 21:15

Tgt Ion:164 Resp: 245633
 Ion Ratio Lower Upper
 164 100
 162 107.2 86.1 129.1
 160 48.9 38.3 57.5

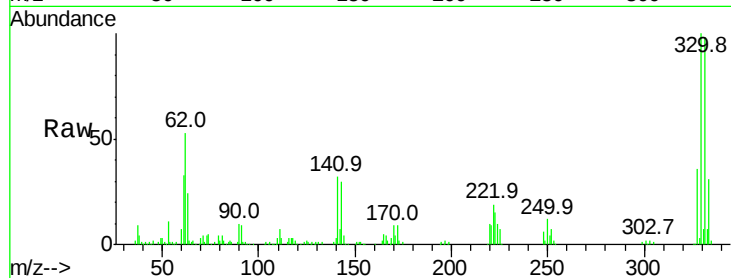




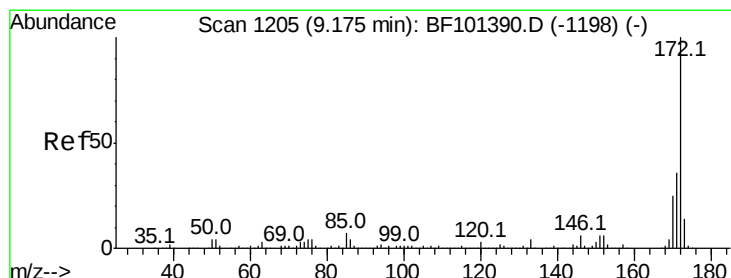
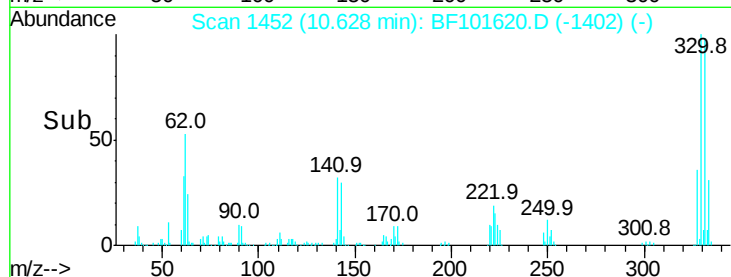
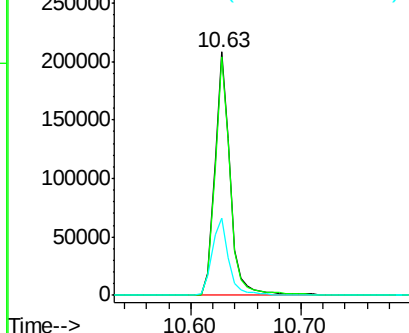
#41
 2,4,6-Tribromophenol
 Concen: 83.737 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF101620.D
 Acq: 21 Dec 2017 21:15

Instrument :
 BNA_F
 ClientSampled :
 HL-8C

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	34.7	29.9	44.9

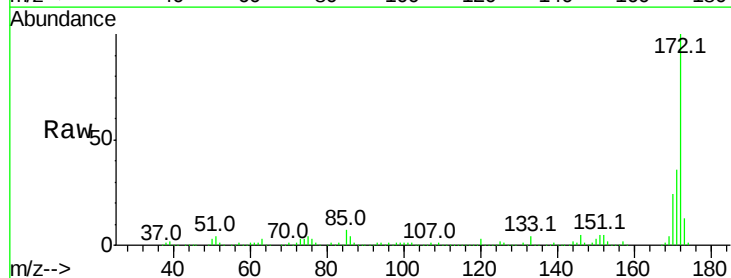


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

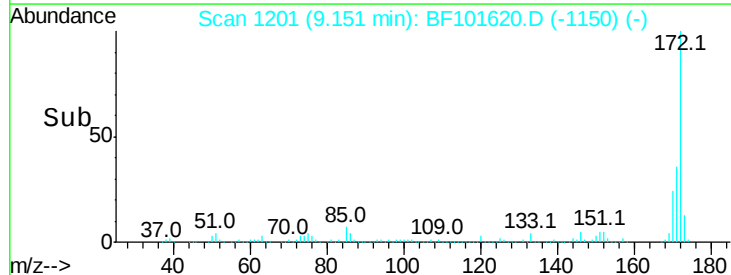
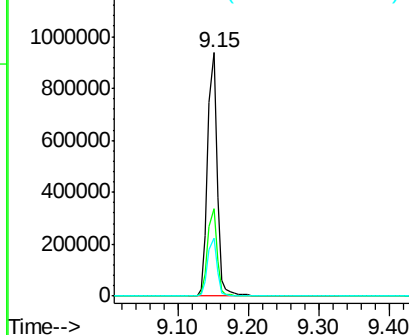


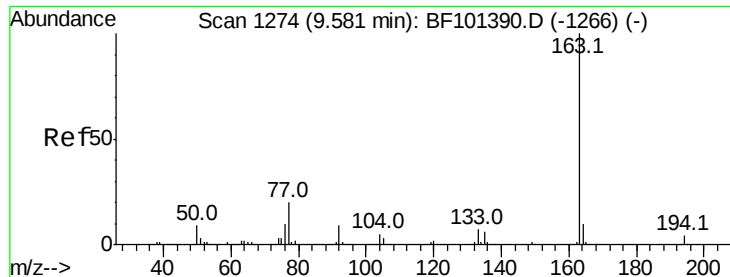
#44
 2-Fluorobiphenyl
 Concen: 55.571 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF101620.D
 Acq: 21 Dec 2017 21:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.9	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: 5.773 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF101620.D

Acq: 21 Dec 2017 21:15

Instrument :

BNA_F

ClientSampleId :

HL-8C

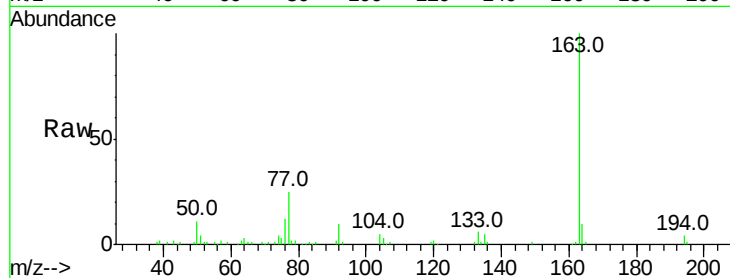
Tot Ion:163 Resp: 114069

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

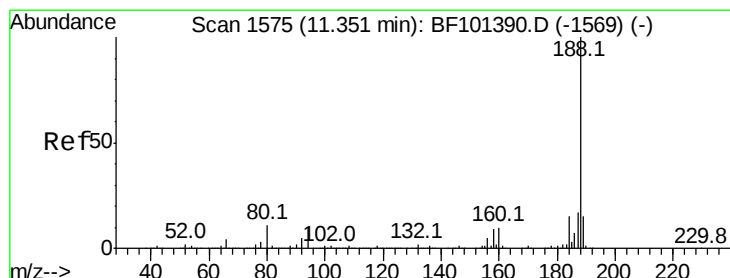
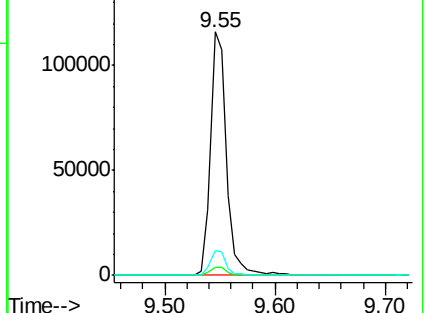
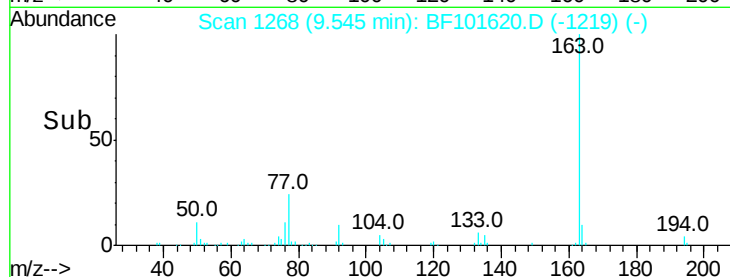
164 10.2 8.2 12.2



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: 11.32 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BF101620.D

Acq: 21 Dec 2017 21:15

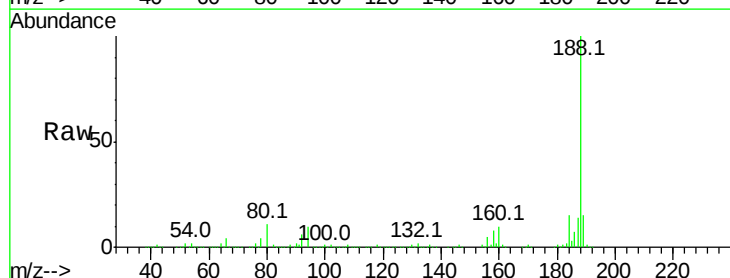
Tgt Ion:188 Resp: 392201

Ion Ratio Lower Upper

188 100

94 10.4 8.5 12.7

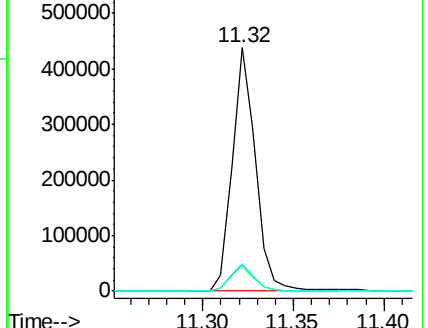
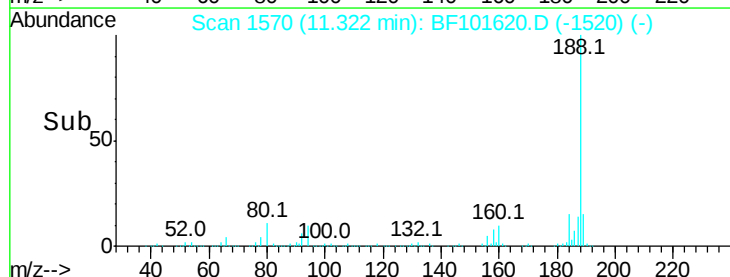
80 11.2 9.2 13.8

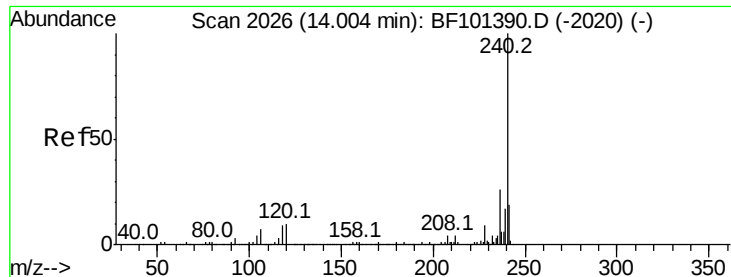


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF101620.D

Acq: 21 Dec 2017 21:15

Instrument :

BNA_F

ClientSampleId :

HL-8C

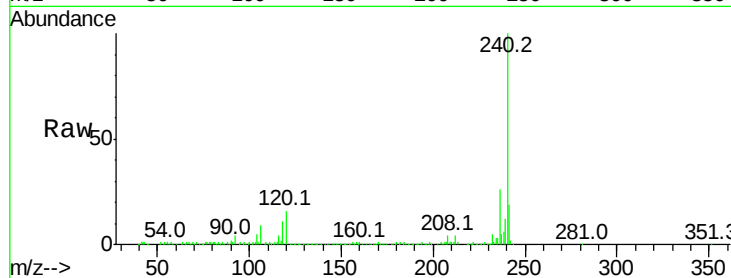
Tot Ion:240 Resp: 301479

Ion Ratio Lower Upper

240 100

120 15.7 9.5 14.3#

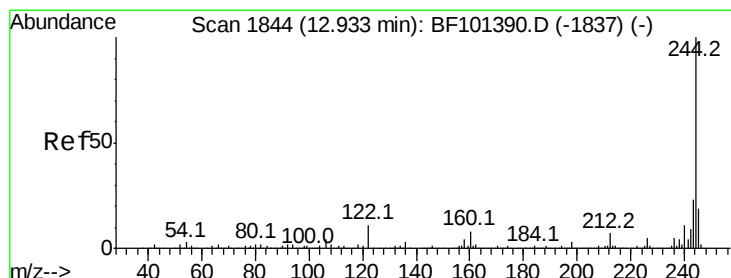
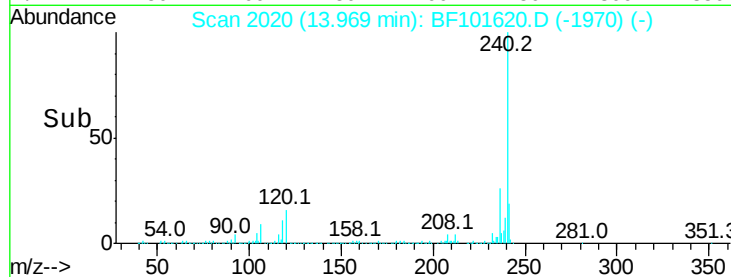
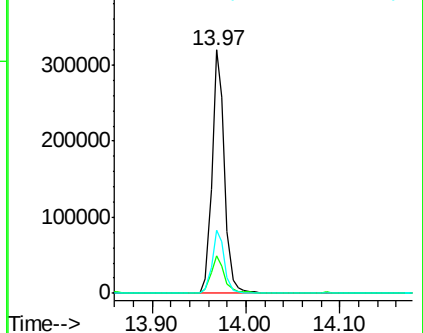
236 25.9 20.7 31.1



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: 47.854 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF101620.D

Acq: 21 Dec 2017 21:15

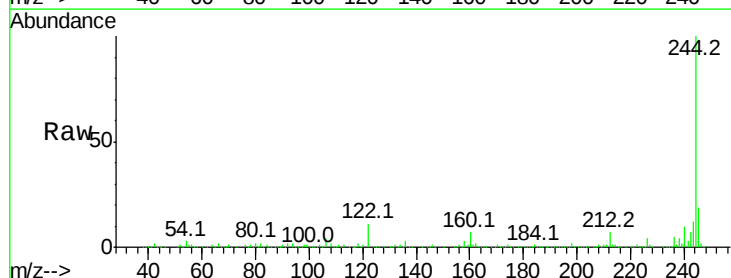
Tgt Ion:244 Resp: 598442

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

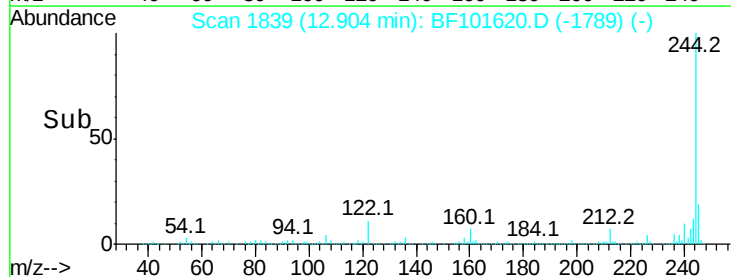
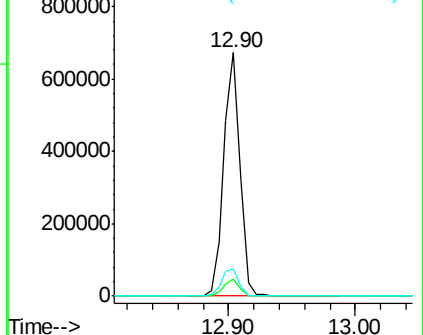
122 11.3 11.0 16.4

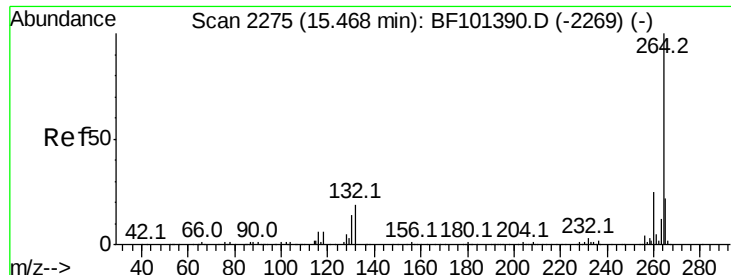


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF101620.D
Acq: 21 Dec 2017 21:15

Instrument :
BNA_F
ClientSampleId :
HL-8C

Tot Ion:264 Resp: 255516
Ion Ratio Lower Upper
264 100
260 22.5 19.2 28.8
265 20.6 17.5 26.3

