

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
 Data File : BF096950.D
 Acq On : 21 Jul 2017 18:06
 Operator : SJ/JU
 Sample : I4302-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4D12

Quant Time: Jul 22 01:18:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

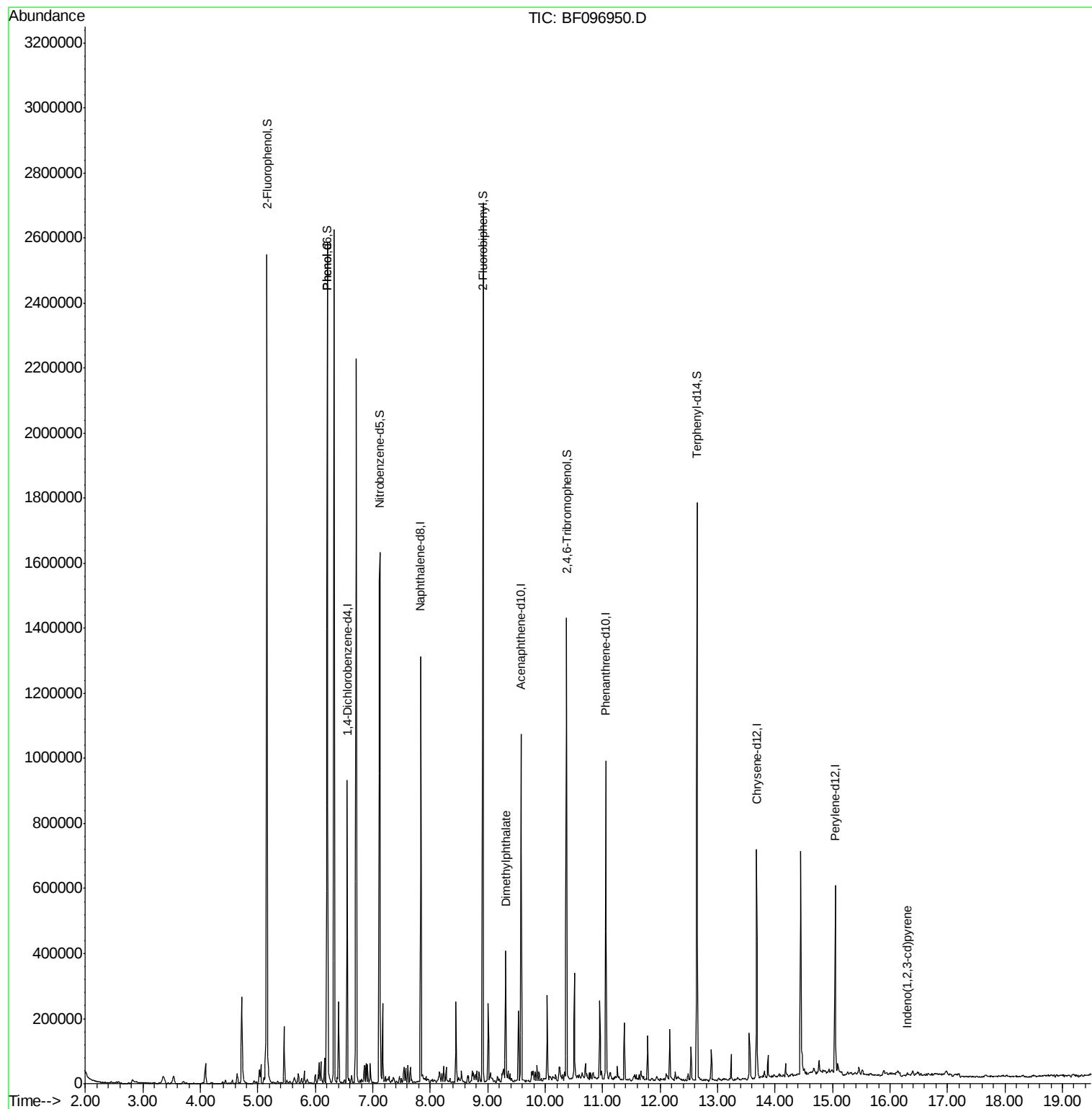
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	122862	20.00	ng	-0.05
21) Naphthalene-d8	7.83	136	516325	20.00	ng	-0.05
38) Acenaphthene-d10	9.58	164	198212	20.00	ng	-0.05
63) Phenanthrene-d10	11.06	188	327799	20.00	ng	-0.05
75) Chrysene-d12	13.68	240	226608	20.00	ng	-0.05
86) Perylene-d12	15.04	264	221128	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	751538	91.97	ng	-0.04
7) Phenol-d6	6.21	99	910731	92.88	ng	-0.04
23) Nitrobenzene-d5	7.12	82	545451	65.43	ng	-0.05
41) 2,4,6-Tribromophenol	10.37	330	154332	91.22	ng	-0.05
44) 2-Fluorobiphenyl	8.92	172	867663	69.16	ng	-0.05
78) Terphenyl-d14	12.64	244	576684	44.13	ng	-0.05
Target Compounds						
10) Phenol	6.22	94	48504	4.376	ng	84
49) Dimethylphthalate	9.31	163	148620	9.958	ng	98
85) Indeno(1,2,3-cd)pyrene	16.30	276	2653	3.526	ng	# 92

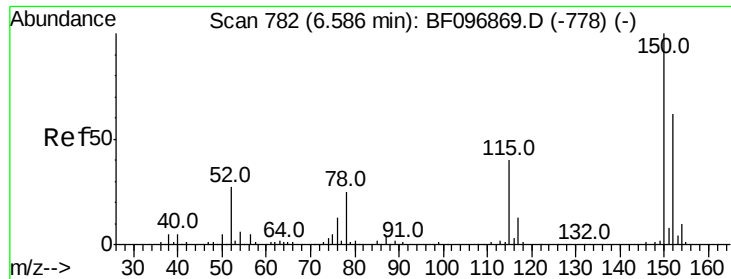
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF096950.D
Acq On : 21 Jul 2017 18:06
Operator : SJ/JU
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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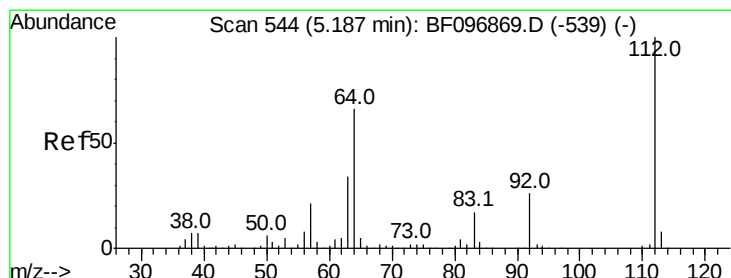
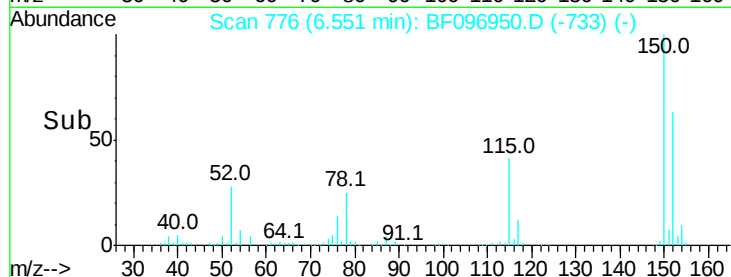
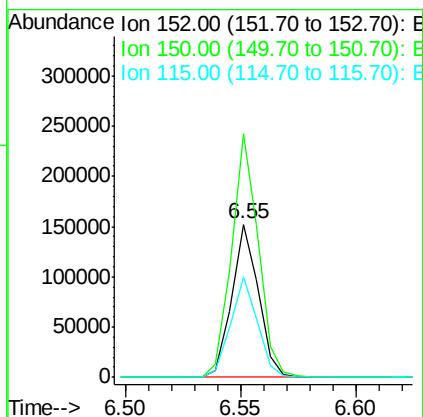
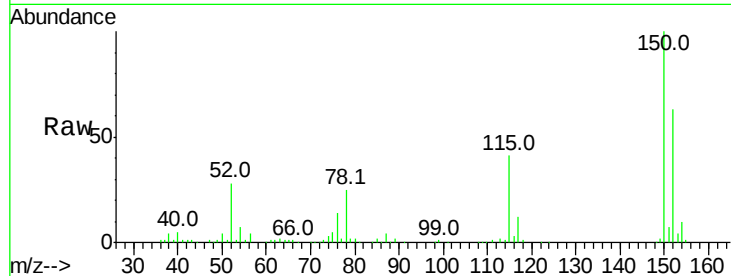


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.55 min Scan# 776
 Delta R.T. -0.05 min
 Lab File: BF096950.D
 Acq: 21 Jul 2017 18:06

Instrument :
 BNA_F
 ClientSampleId :
 SB-4D12

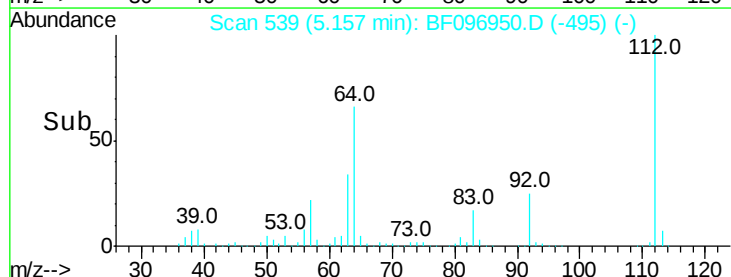
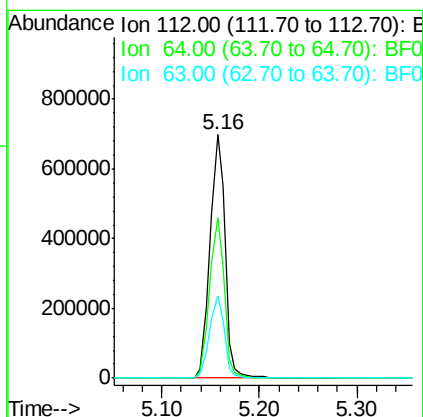
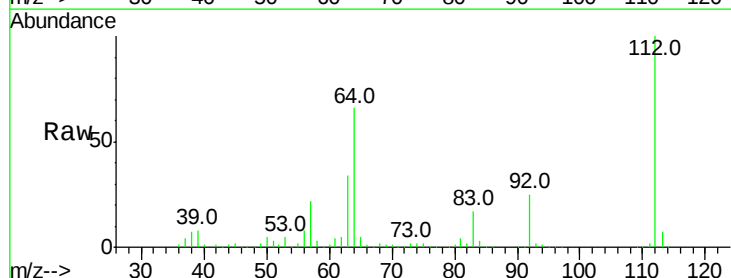
Tot Ion:152 Resp: 122862
 Ion Ratio Lower Upper
 152 100
 150 158.9 126.2 189.2
 115 65.9 52.2 78.2

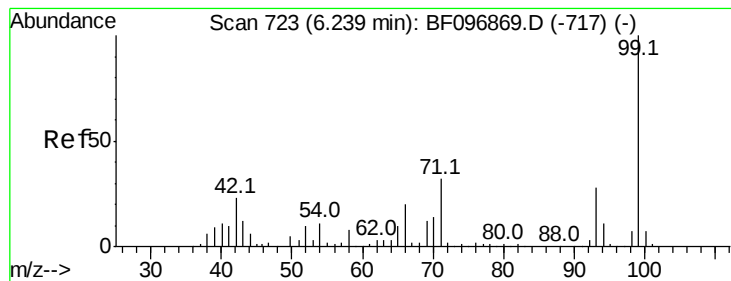


#5

2-Fluorophenol
 Concen: 91.973 ng
 RT: 5.16 min Scan# 539
 Delta R.T. -0.04 min
 Lab File: BF096950.D
 Acq: 21 Jul 2017 18:06

Tgt Ion:112 Resp: 751538
 Ion Ratio Lower Upper
 112 100
 64 66.1 46.0 69.0
 63 33.9 23.4 35.0





#7

Phenol-d6

Concen: 92.877 ng

RT: 6.21 min Scan# 718

Delta R.T. -0.04 min

Lab File: BF096950.D

Acq: 21 Jul 2017 18:06

Instrument :

BNA_F

ClientSampleId :

SB-4D12

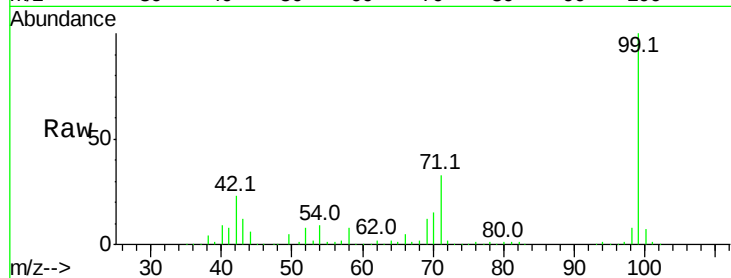
Tot Ion: 99 Resp: 910731

Ion Ratio Lower Upper

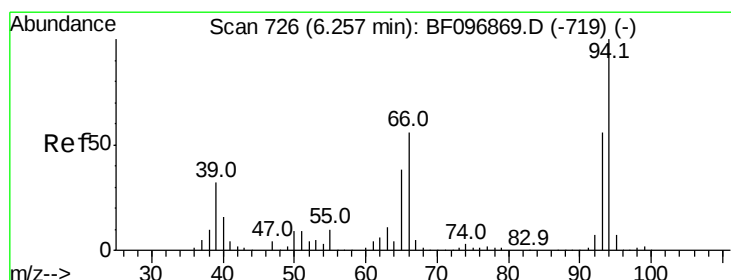
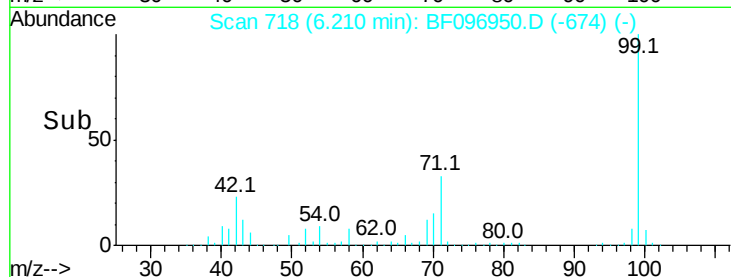
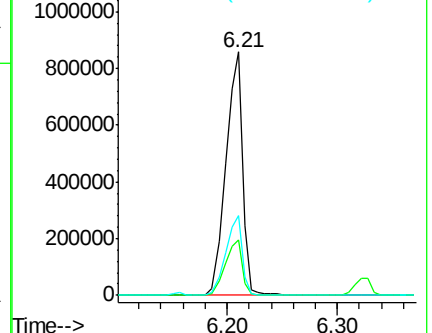
99 100

42 22.7 13.5 20.3#

71 32.8 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 4.376 ng

RT: 6.22 min Scan# 719

Delta R.T. -0.05 min

Lab File: BF096950.D

Acq: 21 Jul 2017 18:06

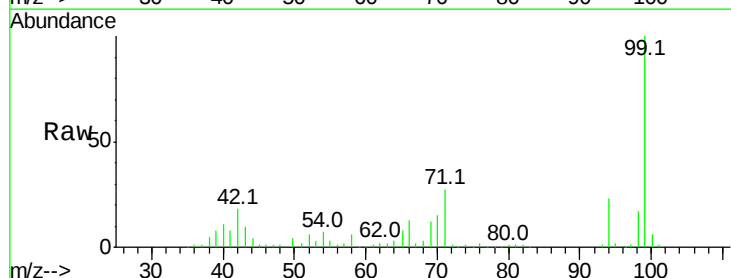
Tgt Ion: 94 Resp: 48504

Ion Ratio Lower Upper

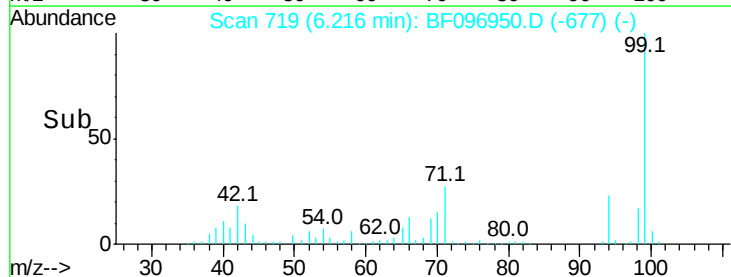
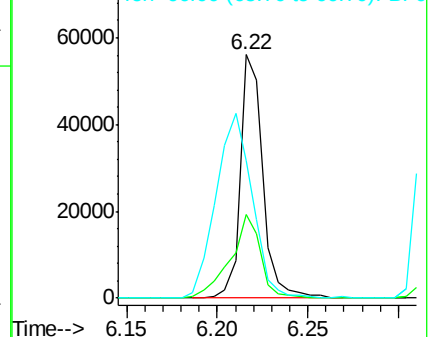
94 100

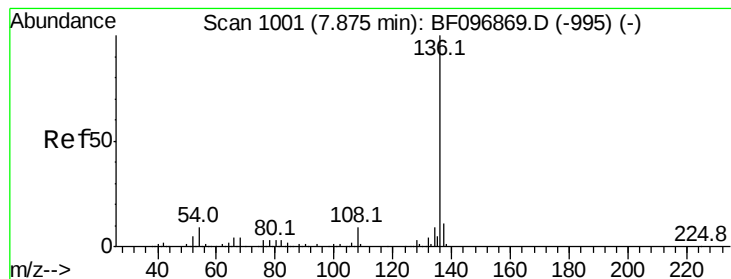
65 34.5 9.9 49.9

66 56.2 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.83 min Scan# 994

Delta R.T. -0.05 min

Lab File: BF096950.D

Acq: 21 Jul 2017 18:06

Instrument :

BNA_F

ClientSampleId :

SB-4D12

Tot Ion:136 Resp: 516325

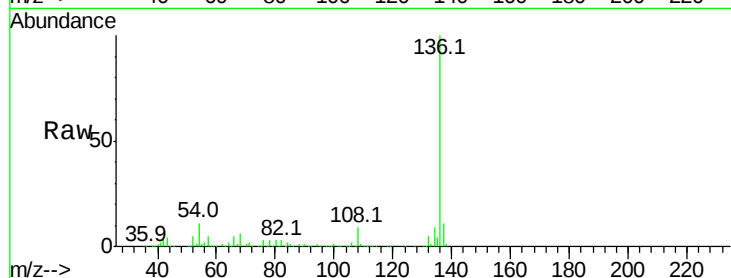
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 10.8 4.9 7.3#

68 5.7 4.1 6.1

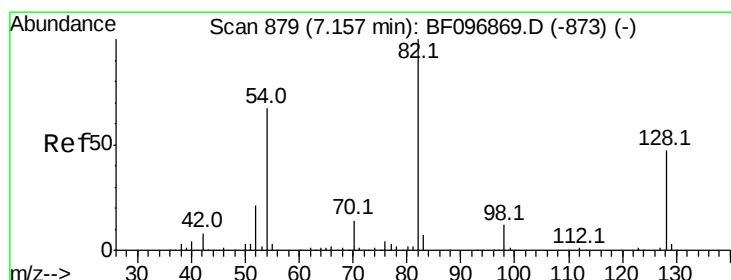
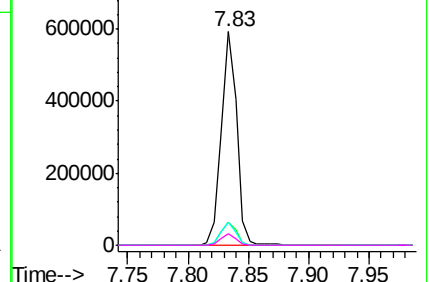
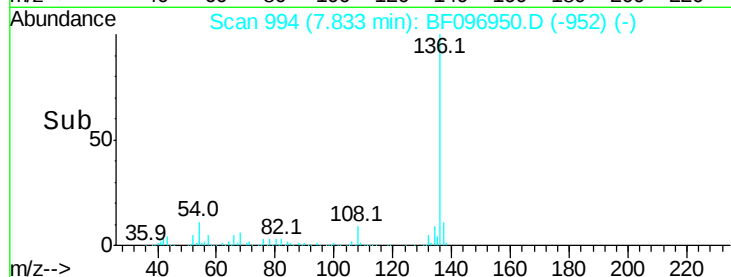


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 65.435 ng

RT: 7.12 min Scan# 873

Delta R.T. -0.05 min

Lab File: BF096950.D

Acq: 21 Jul 2017 18:06

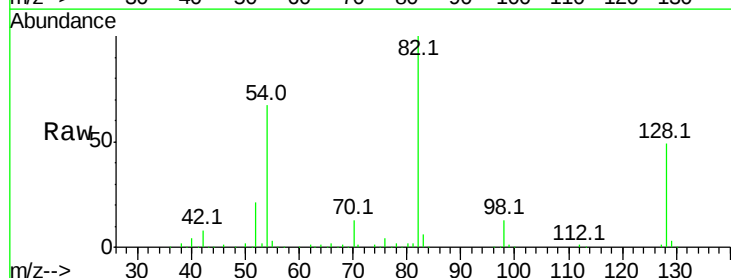
Tgt Ion: 82 Resp: 545451

Ion Ratio Lower Upper

82 100

128 49.2 34.0 51.0

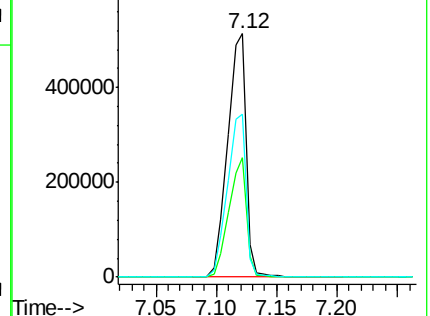
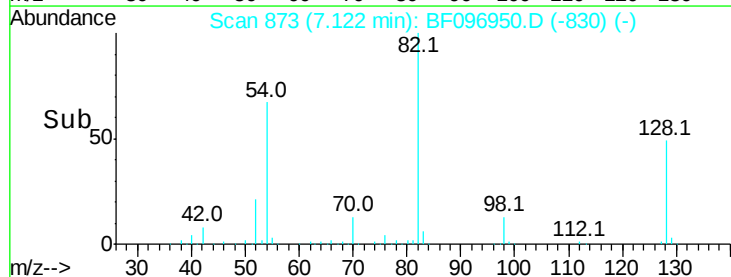
54 66.8 42.2 63.2#

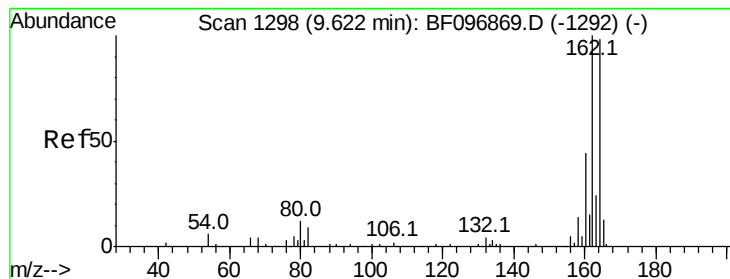


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.58 min Scan# 1291

Delta R.T. -0.05 min

Lab File: BF096950.D

Acq: 21 Jul 2017 18:06

Instrument :

BNA_F

ClientSampleId :

SB-4D12

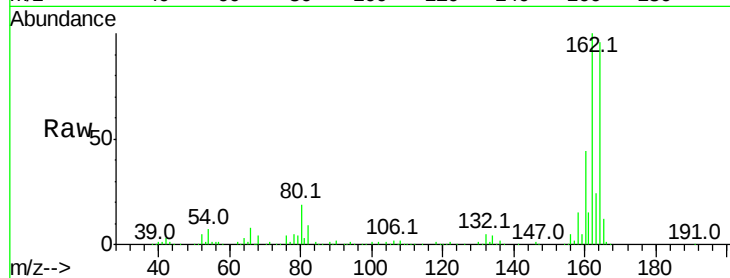
Tot Ion:164 Resp: 198212

Ion Ratio Lower Upper

164 100

162 104.2 82.6 123.8

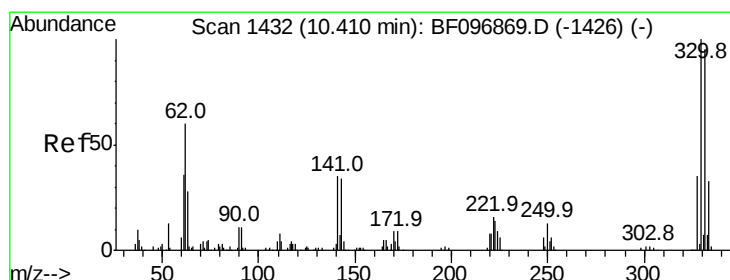
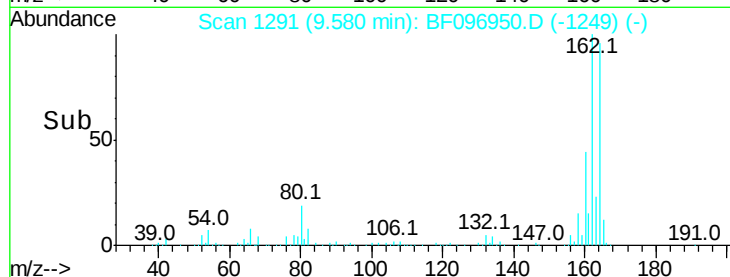
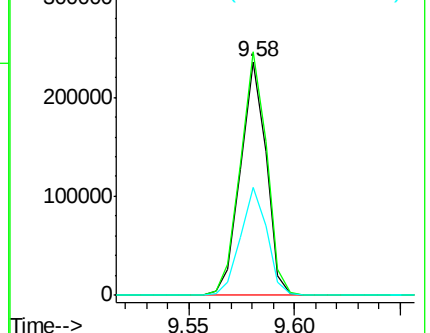
160 46.0 36.2 54.2



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: 91.218 ng

RT: 10.37 min Scan# 1425

Delta R.T. -0.05 min

Lab File: BF096950.D

Acq: 21 Jul 2017 18:06

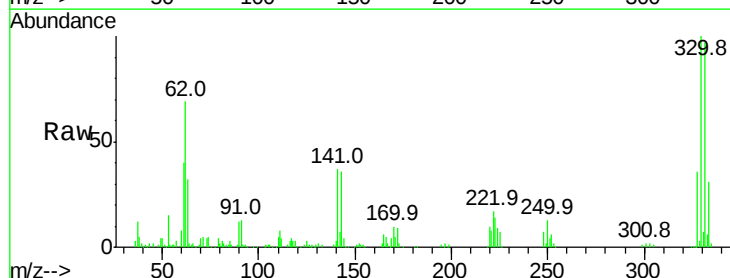
Tgt Ion:330 Resp: 154332

Ion Ratio Lower Upper

330 100

332 96.9 76.6 115.0

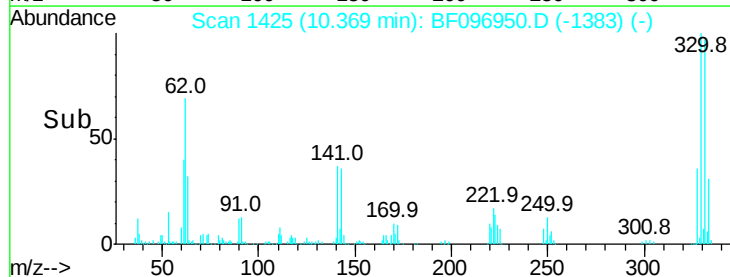
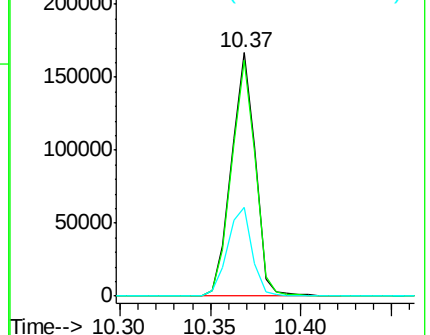
141 38.0 31.4 47.2

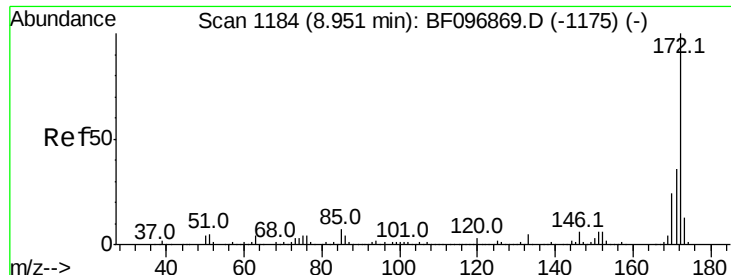


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

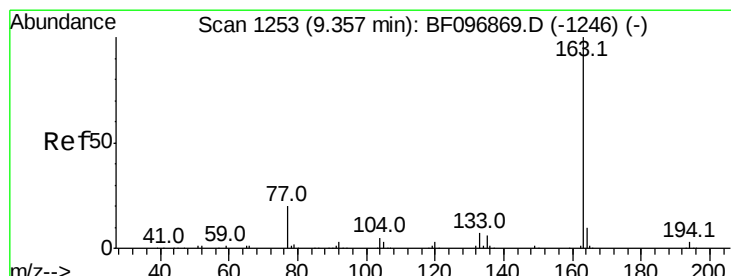
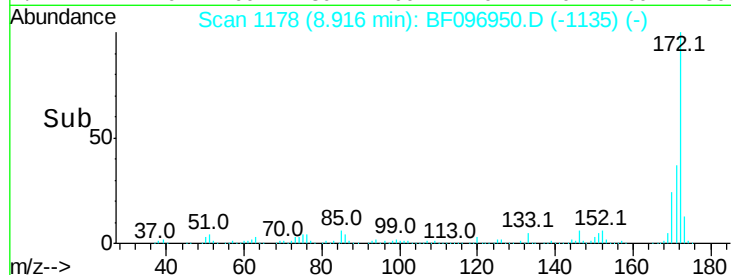
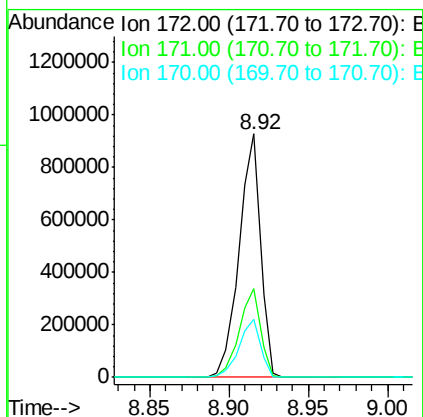
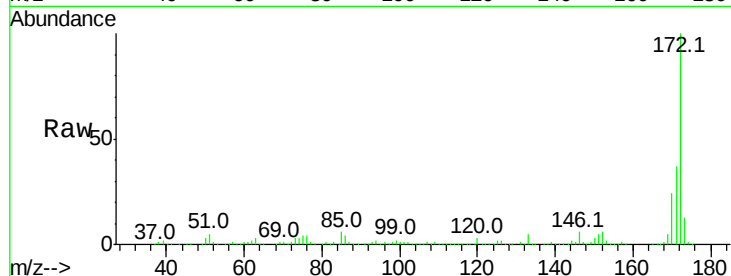




#44
2-Fluorobiphenyl
Concen: 69.160 ng
RT: 8.92 min Scan# 1178
Delta R.T. -0.05 min
Lab File: BF096950.D
Acq: 21 Jul 2017 18:06

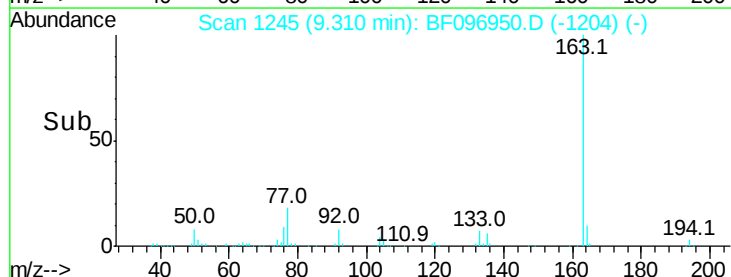
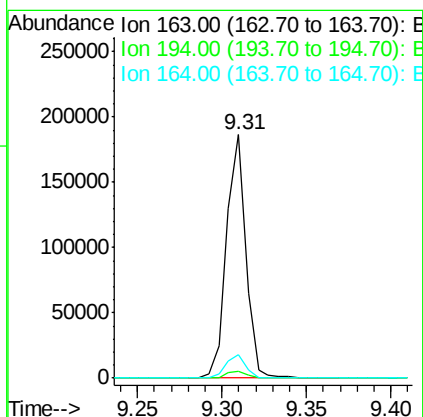
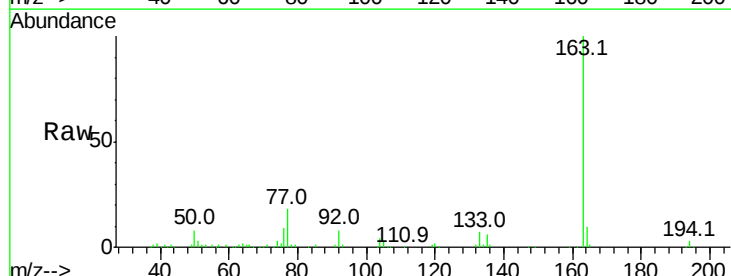
Instrument :
BNA_F
ClientSampleId :
SB-4D12

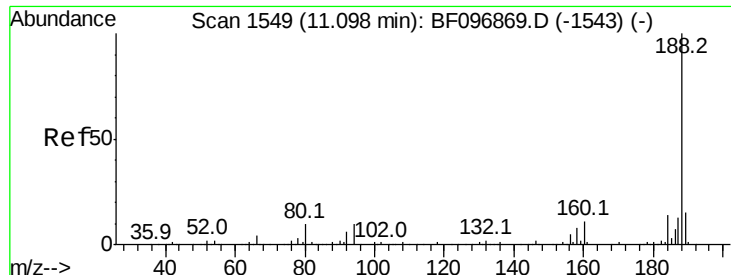
Tot Ion:172 Resp: 867663
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 23.7 19.8 29.8



#49
Dimethylphthalate
Concen: 9.958 ng
RT: 9.31 min Scan# 1245
Delta R.T. -0.06 min
Lab File: BF096950.D
Acq: 21 Jul 2017 18:06

Tgt Ion:163 Resp: 148620
Ion Ratio Lower Upper
163 100
194 2.8 2.6 4.0
164 9.6 8.4 12.6

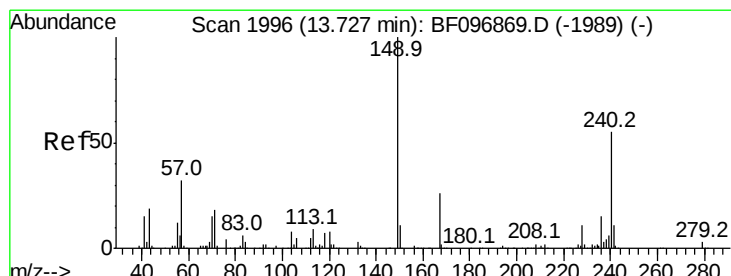
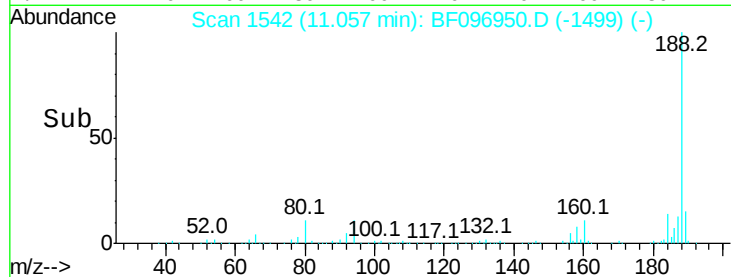
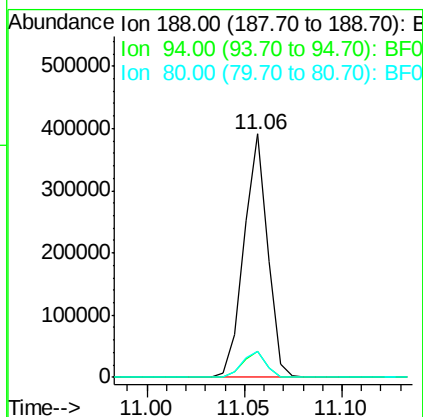
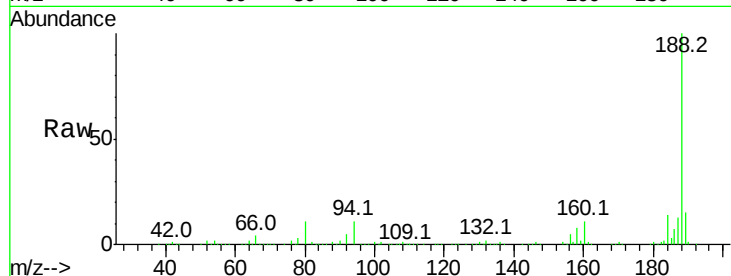




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.06 min Scan# 1542
Delta R.T. -0.05 min
Lab File: BF096950.D
Acq: 21 Jul 2017 18:06

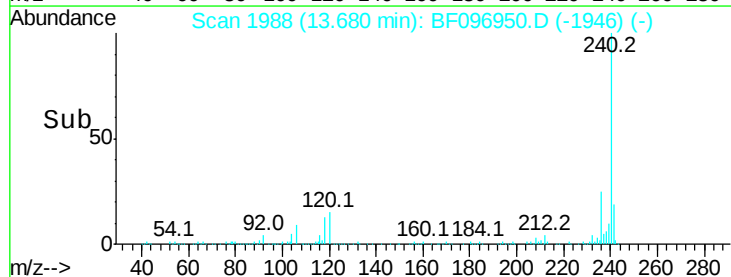
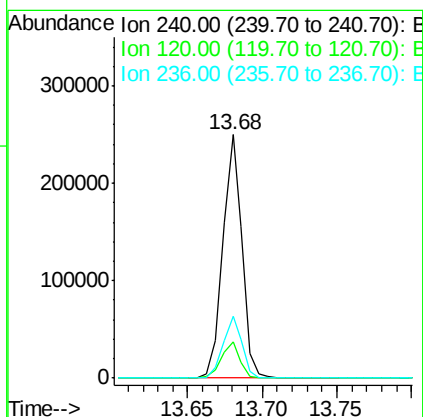
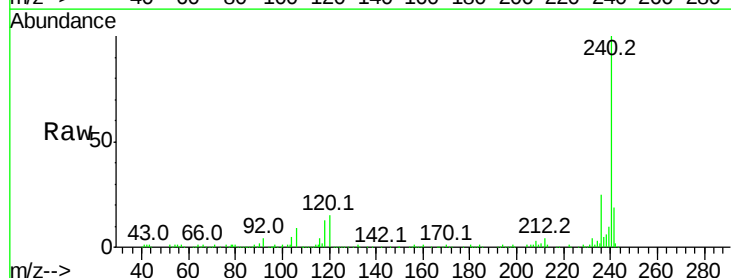
Instrument :
BNA_F
ClientSampleId :
SB-4D12

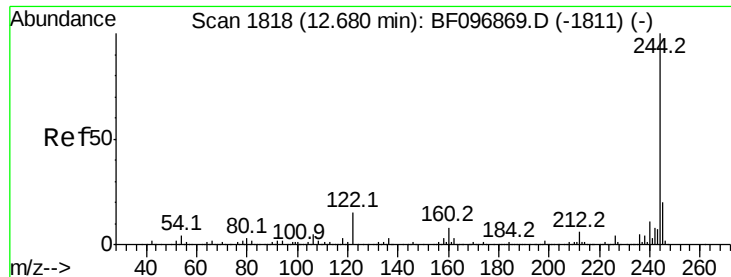
Tot Ion:188 Resp: 327799
Ion Ratio Lower Upper
188 100
94 10.8 9.4 14.2
80 10.8 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.68 min Scan# 1988
Delta R.T. -0.05 min
Lab File: BF096950.D
Acq: 21 Jul 2017 18:06

Tgt Ion:240 Resp: 226608
Ion Ratio Lower Upper
240 100
120 14.9 5.8 8.8#
236 25.4 20.5 30.7





#78

Terphenyl-d14

Concen: 44.134 ng

RT: 12.64 min Scan# 1812

Delta R.T. -0.05 min

Lab File: BF096950.D

Acq: 21 Jul 2017 18:06

Instrument :

BNA_F

ClientSampleId :

SB-4D12

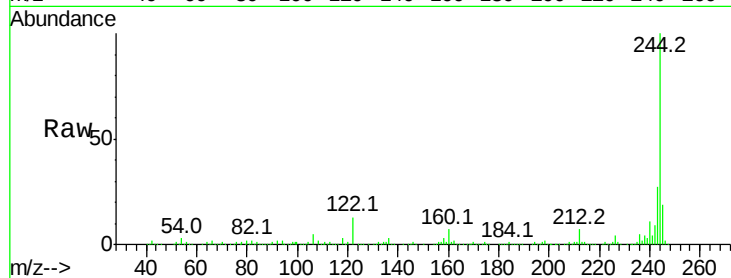
Tot Ion:244 Resp: 576684

Ion Ratio Lower Upper

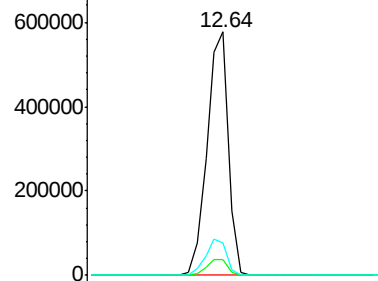
244 100

212 6.7 6.0 9.0

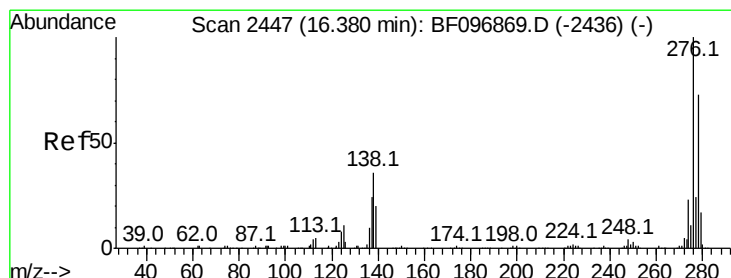
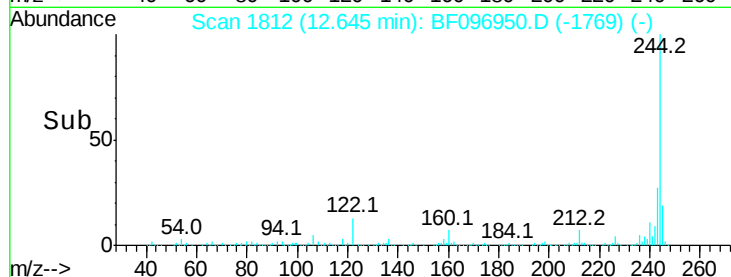
122 13.2 10.3 15.5



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



Time-->



#85

Indeno(1,2,3-cd)pyrene

Concen: 3.526 ng

RT: 16.30 min Scan# 2433

Delta R.T. -0.09 min

Lab File: BF096950.D

Acq: 21 Jul 2017 18:06

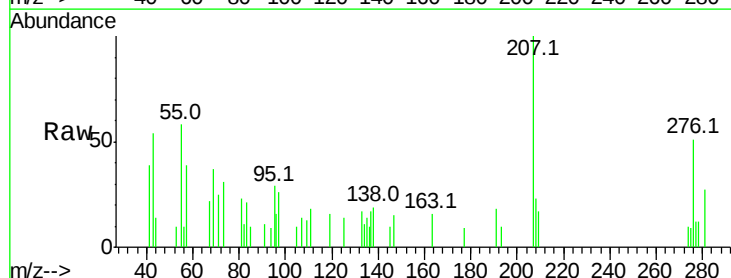
Tgt Ion:276 Resp: 2653

Ion Ratio Lower Upper

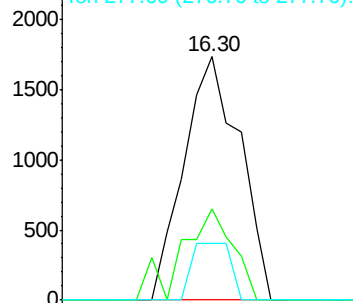
276 100

138 34.5 27.8 41.6

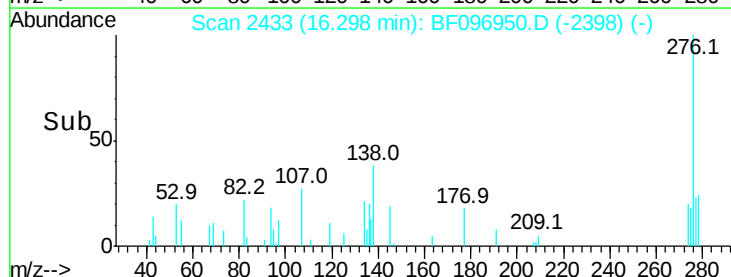
277 16.1 20.2 30.4#

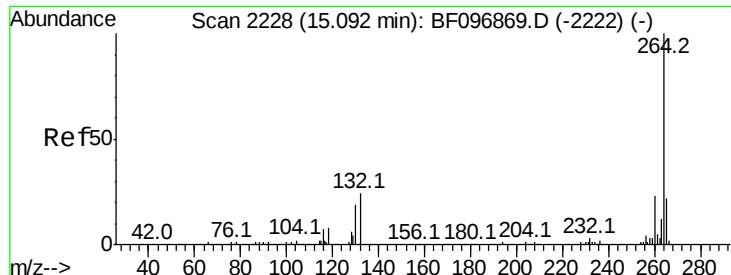


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



Time-->





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.04 min Scan# 2220
 Delta R.T. -0.06 min
 Lab File: BF096950.D
 Acq: 21 Jul 2017 18:06

Instrument :
 BNA_F
 ClientSampleId :
 SB-4D12

Tot Ion:	264	Resp:	221128
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	22.1	17.2	25.8

