

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
 Data File : BF099997.D
 Acq On : 31 Oct 2017 10:26
 Operator : SJ/JU
 Sample : I6201-06
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CF-1C(4-5)

Quant Time: Oct 31 11:45:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

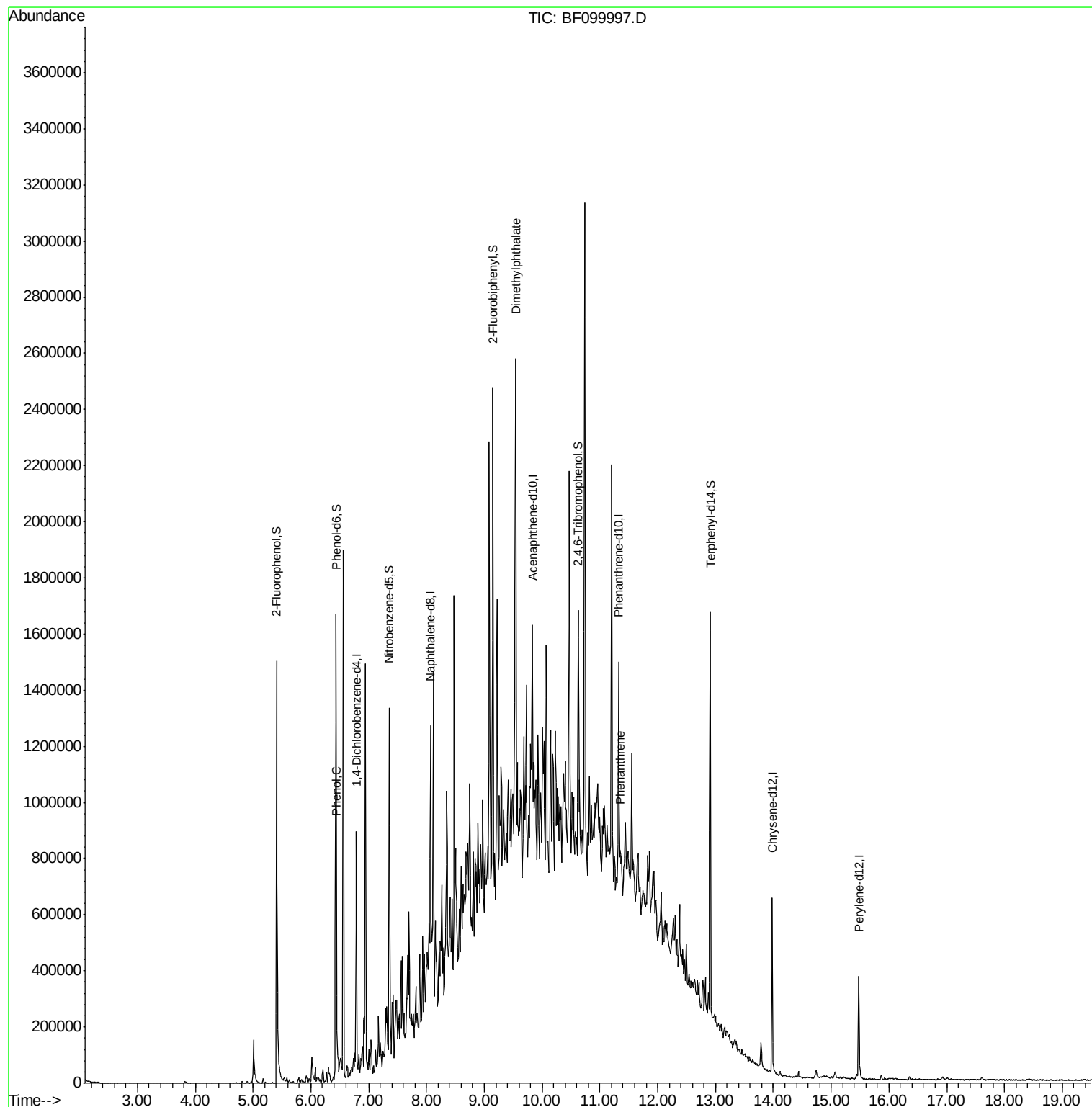
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	96710	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	393017	20.00	ng	-0.01
38) Acenaphthene-d10	9.83	164	175255	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	300192	20.00	ng	0.00
75) Chrysene-d12	13.98	240	198763	20.00	ng	-0.01
86) Perylene-d12	15.48	264	181705	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	576053	93.52	ng	0.00
7) Phenol-d6	6.43	99	691439	94.67	ng	0.00
23) Nitrobenzene-d5	7.36	82	361700	59.25	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	139535	87.37	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	675468	59.46	ng	-0.01
78) Terphenyl-d14	12.91	244	515847	56.72	ng	-0.01
Target Compounds						
10) Phenol	6.45	94	42137	5.254	ng	99
49) Dimethylphthalate	9.55	163	125132	9.016	ng	# 99
70) Phenanthrene	11.35	178	42889	2.532	ng	# 87

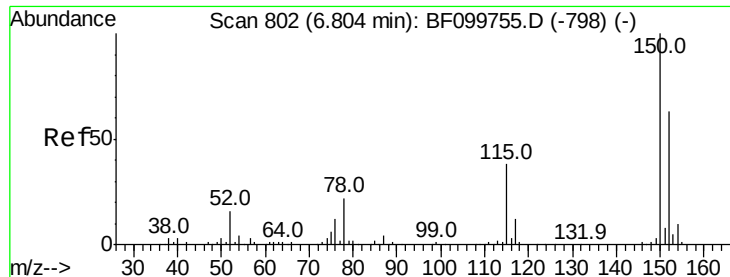
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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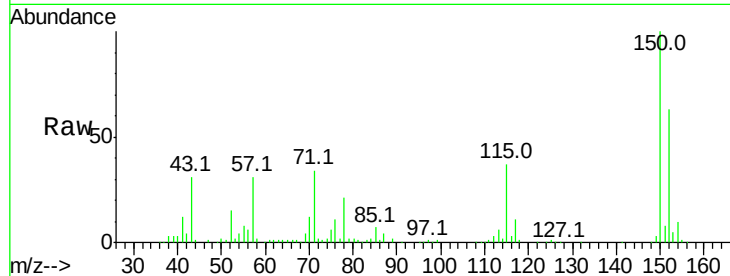


#1

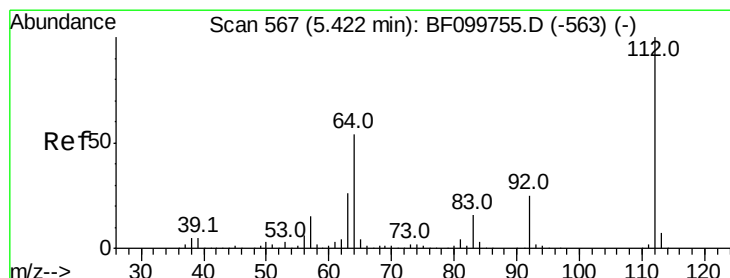
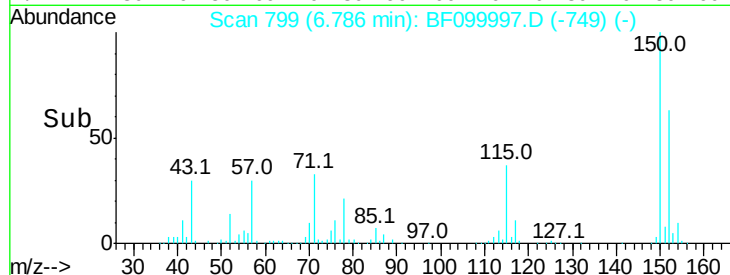
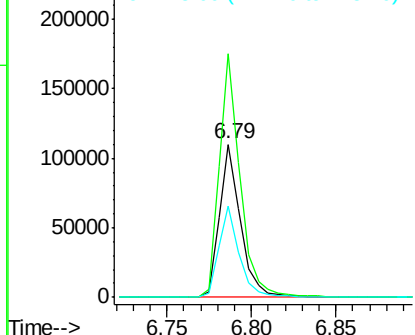
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF099997.D
 Acq: 31 Oct 2017 10:26

Instrument :
 BNA_F
 ClientSampleId :
 CF-1C(4-5)

Tot Ion:152 Resp: 96710
 Ion Ratio Lower Upper
 152 100
 150 158.8 124.6 186.8
 115 59.5 50.1 75.1



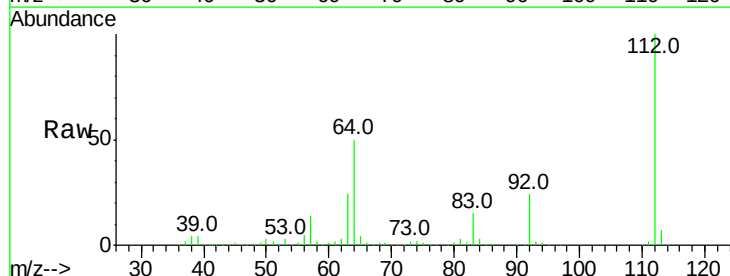
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



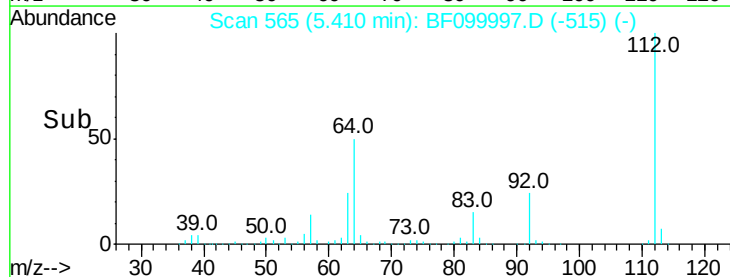
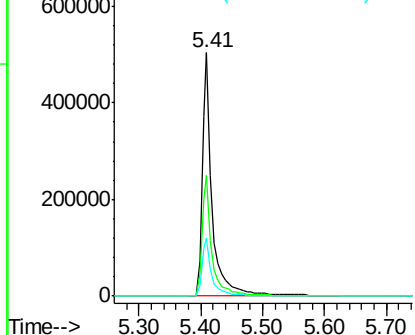
#5

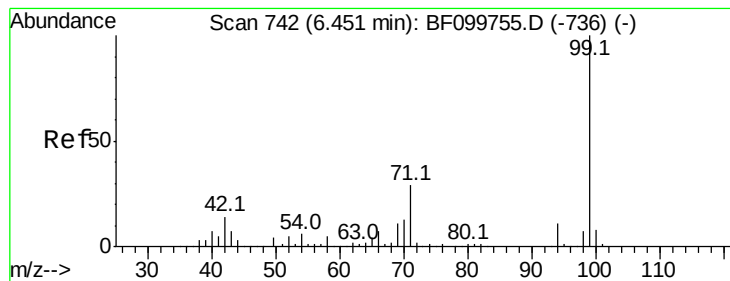
2-Fluorophenol
 Concen: 93.515 ng
 RT: 5.41 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: BF099997.D
 Acq: 31 Oct 2017 10:26

Tgt Ion:112 Resp: 576053
 Ion Ratio Lower Upper
 112 100
 64 49.5 47.9 71.9
 63 23.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 94.665 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099997.D

Acq: 31 Oct 2017 10:26

Instrument :

BNA_F

ClientSampleId :

CF-1C(4-5)

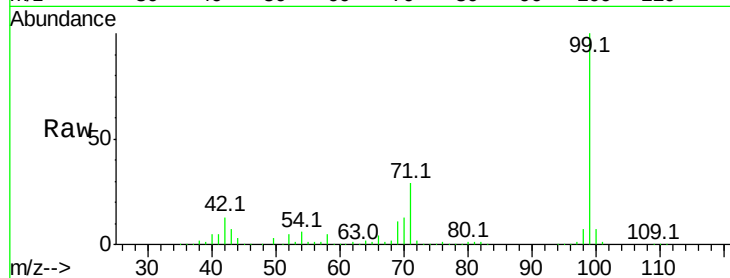
Tot Ion: 99 Resp: 691439

Ion Ratio Lower Upper

99 100

42 13.5 14.5 21.7#

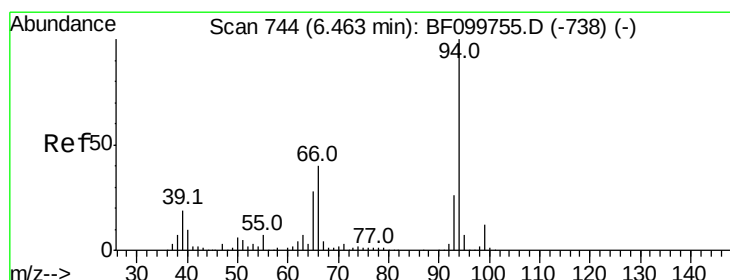
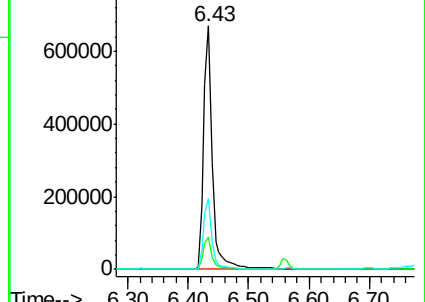
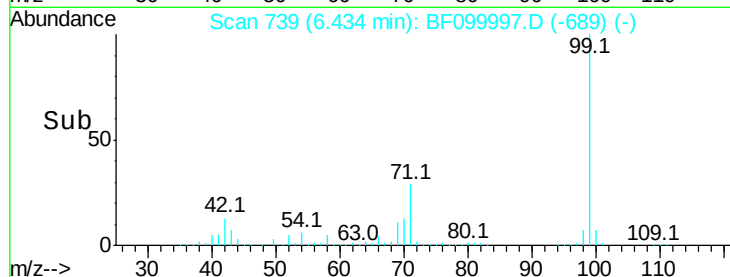
71 29.1 25.4 38.0



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: 5.254 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099997.D

Acq: 31 Oct 2017 10:26

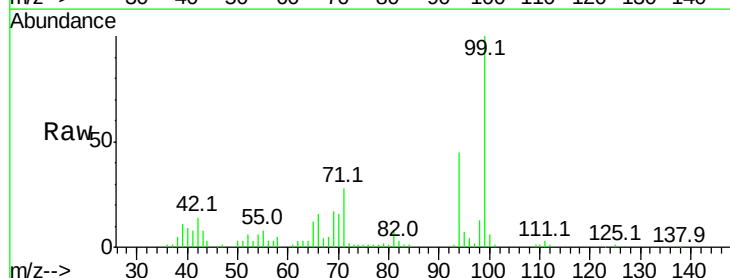
Tgt Ion: 94 Resp: 42137

Ion Ratio Lower Upper

94 100

65 26.8 7.9 47.9

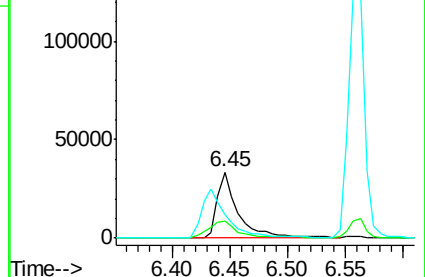
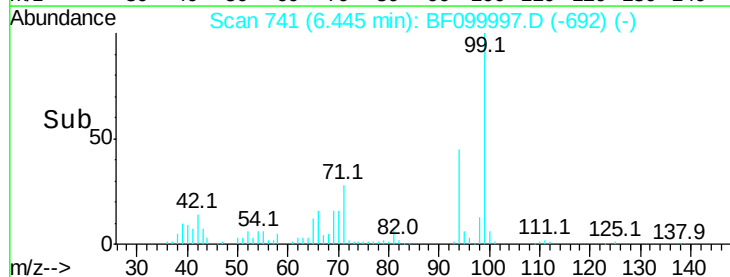
66 36.6 16.2 56.2

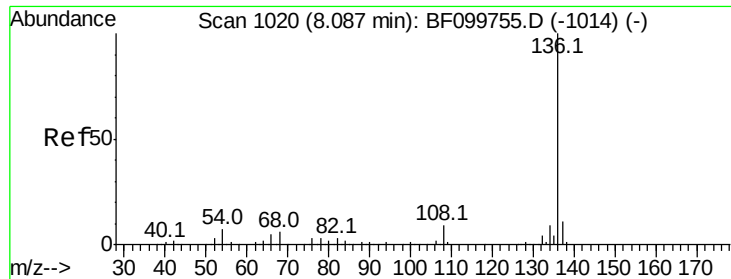


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

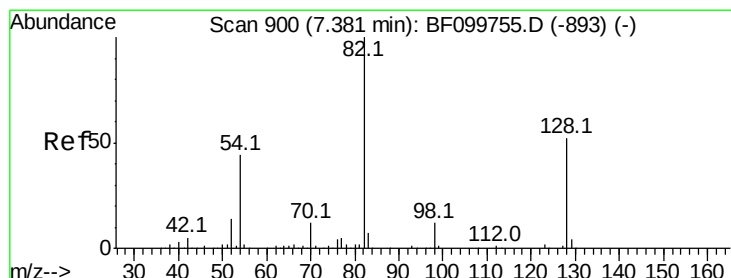
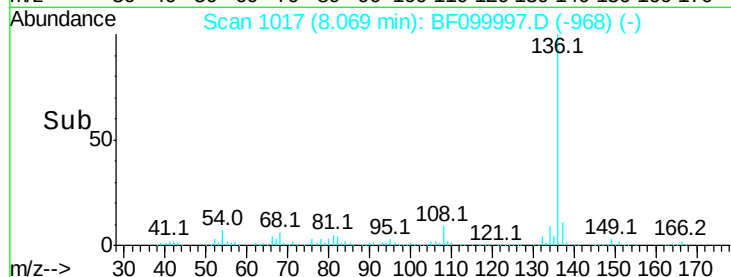
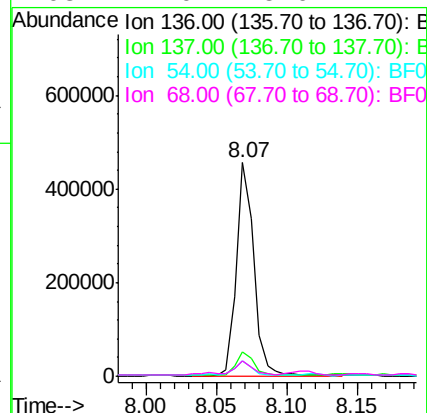
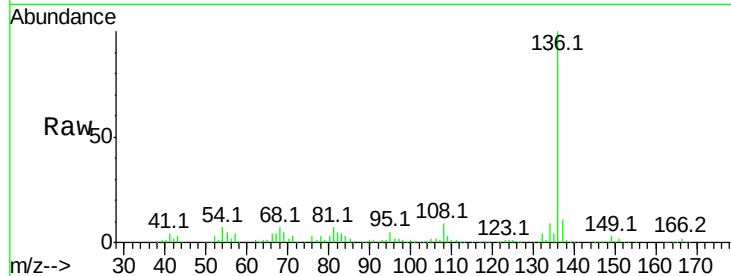




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF099997.D
Acq: 31 Oct 2017 10:26

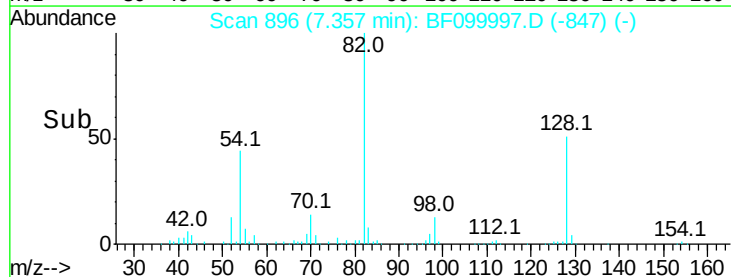
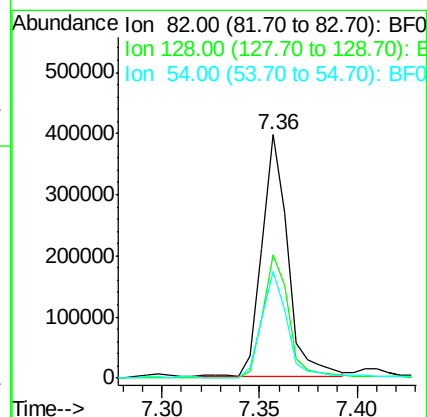
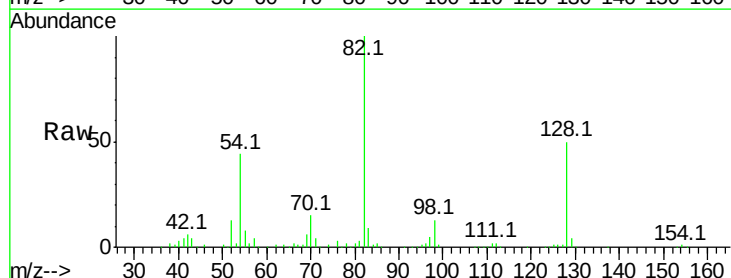
Instrument :
BNA_F
ClientSampleId :
CF-1C(4-5)

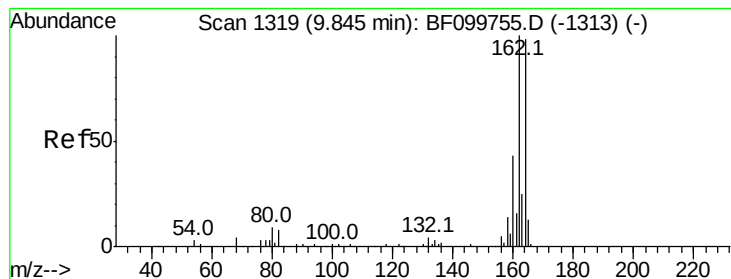
Tot Ion:136	Resp:	393017
Ion Ratio	Lower	Upper
136 100		
137 11.4	8.9	13.3
54 7.1	6.6	9.8
68 7.0	5.0	7.4



#23
Nitrobenzene-d5
Concen: 59.250 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF099997.D
Acq: 31 Oct 2017 10:26

Tgt	Ion: 82	Resp:	361700
Ion	Ratio	Lower	Upper
82	100		
128	50.5	36.1	54.1
54	44.1	41.4	62.2





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF099997.D

Acq: 31 Oct 2017 10:26

Instrument :

BNA_F

ClientSampleId :

CF-1C(4-5)

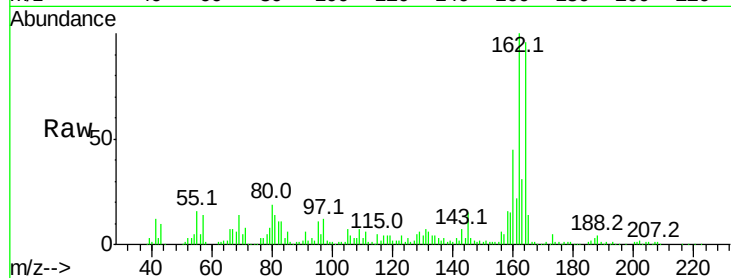
Tot Ion:164 Resp: 175255

Ion Ratio Lower Upper

164 100

162 104.0 86.1 129.1

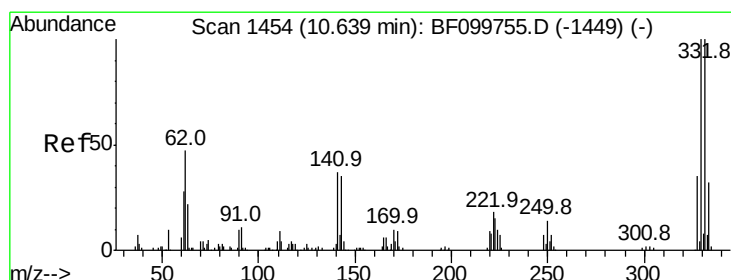
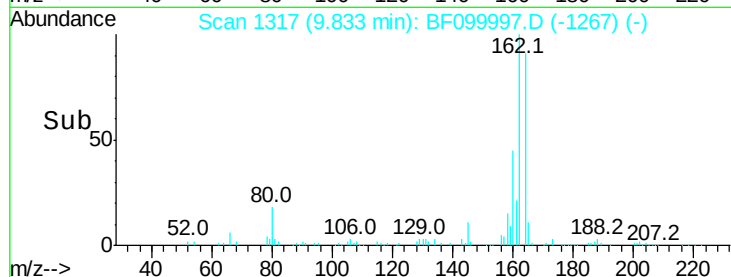
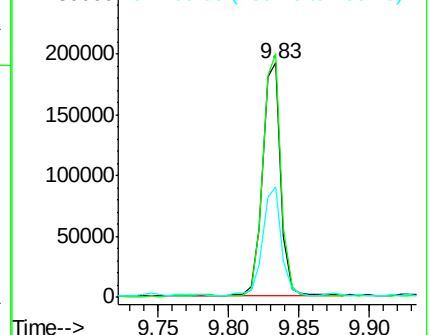
160 47.2 38.3 57.5



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: 87.366 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF099997.D

Acq: 31 Oct 2017 10:26

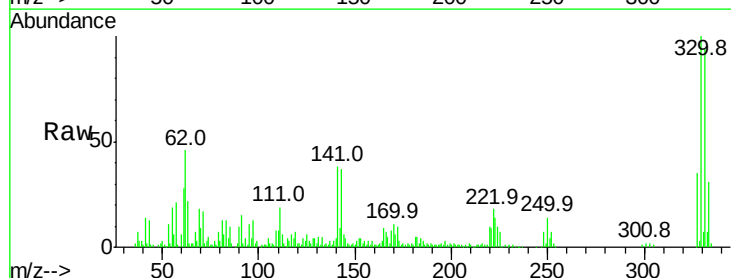
Tgt Ion:330 Resp: 139535

Ion Ratio Lower Upper

330 100

332 97.4 77.0 115.6

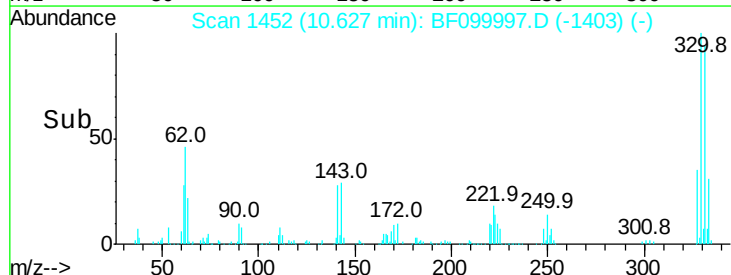
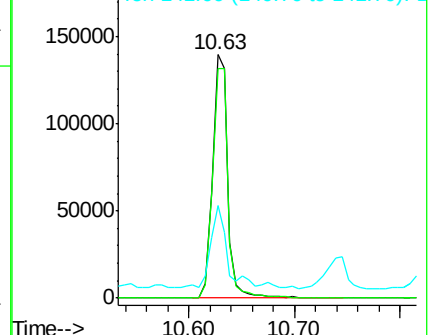
141 35.5 29.9 44.9

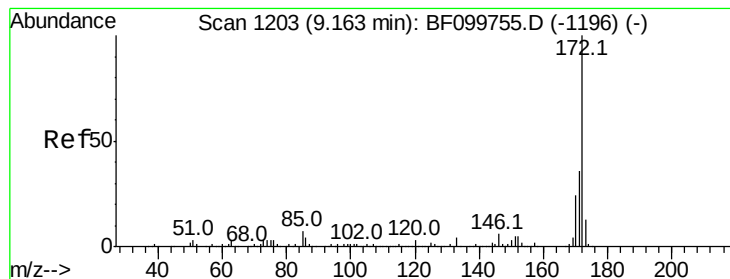


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 59.464 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BF099997.D

Acq: 31 Oct 2017 10:26

Instrument :

BNA_F

ClientSampleId :

CF-1C(4-5)

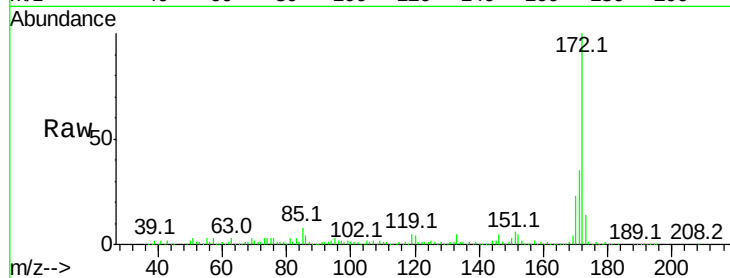
Tot Ion:172 Resp: 675468

Ion Ratio Lower Upper

172 100

171 35.3 29.7 44.5

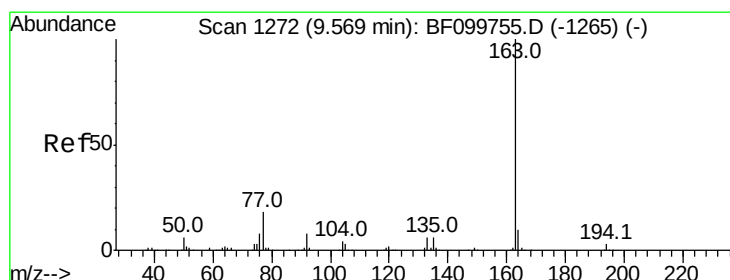
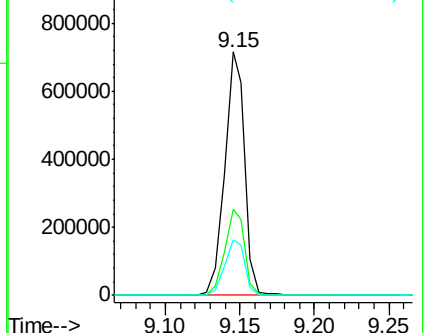
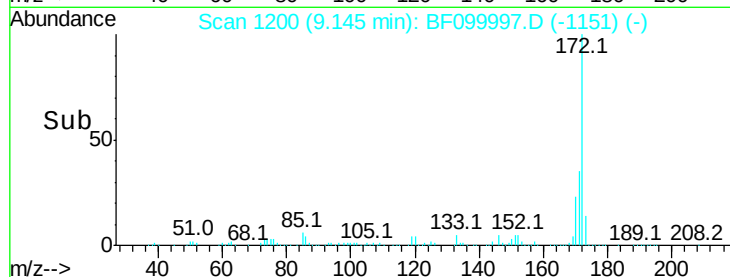
170 23.0 19.6 29.4



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: 9.016 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF099997.D

Acq: 31 Oct 2017 10:26

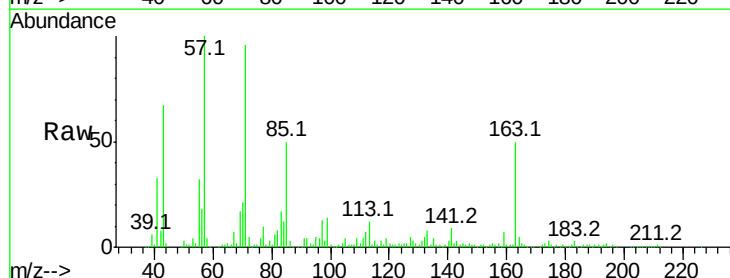
Tgt Ion:163 Resp: 125132

Ion Ratio Lower Upper

163 100

194 4.2 2.7 4.1#

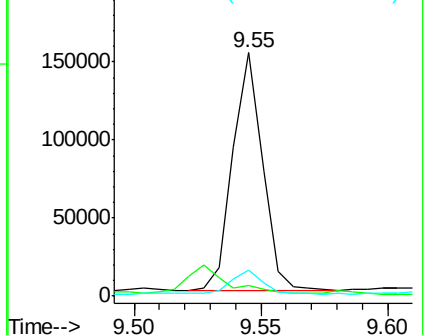
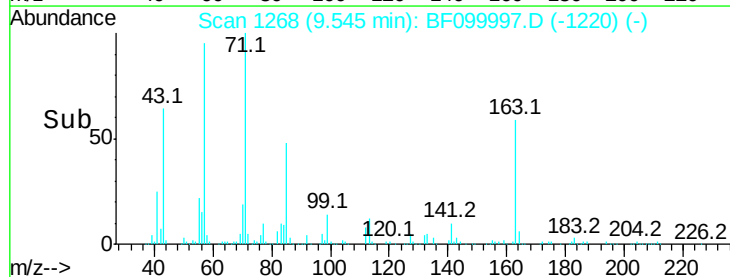
164 10.4 8.2 12.2

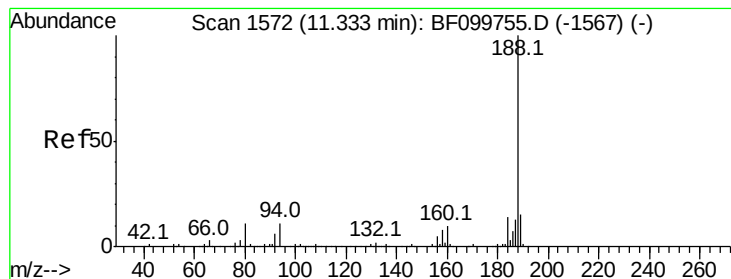


Abundance Ion 163.00 (162.70 to 163.70): E

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: 11.33 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF099997.D

Acq: 31 Oct 2017 10:26

Instrument :

BNA_F

ClientSampleId :

CF-1C(4-5)

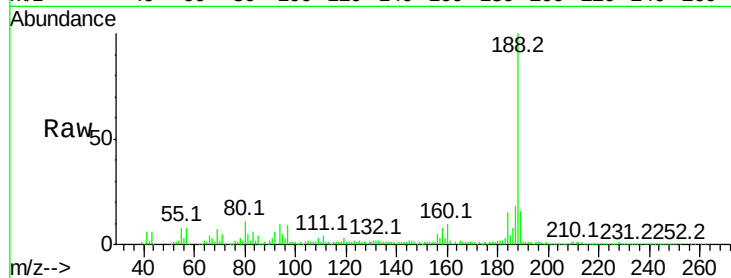
Tot Ion:188 Resp: 300192

Ion Ratio Lower Upper

188 100

94 10.4 8.5 12.7

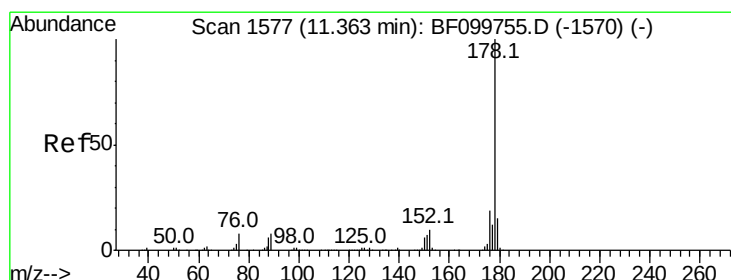
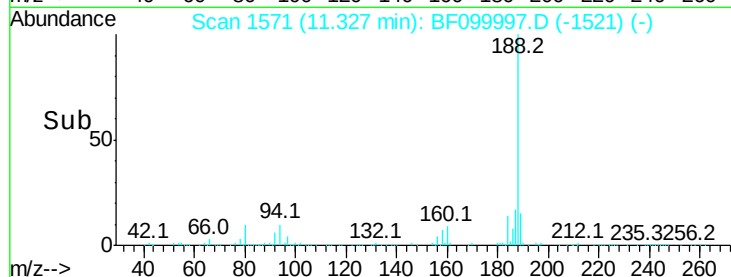
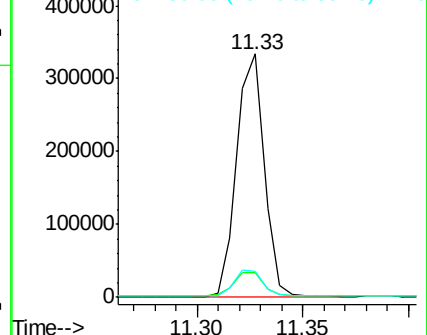
80 10.8 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#70

Phenanthrene

Concen: 2.532 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BF099997.D

Acq: 31 Oct 2017 10:26

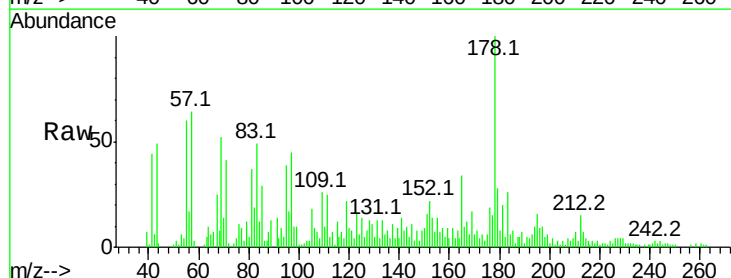
Tgt Ion:178 Resp: 42889

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.8

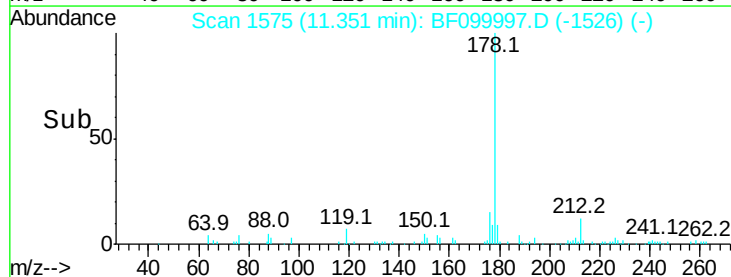
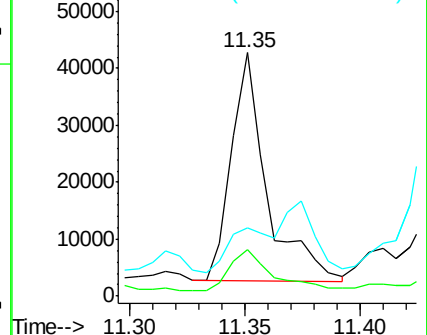
179 27.8 13.0 19.6#

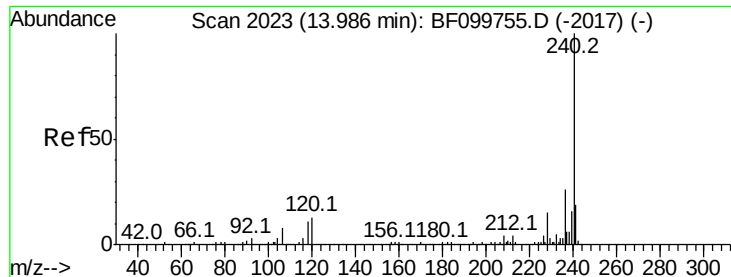


Abundance Ion 178.00 (177.70 to 178.70): E

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: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF099997.D

Acq: 31 Oct 2017 10:26

Instrument :

BNA_F

ClientSampleId :

CF-1C(4-5)

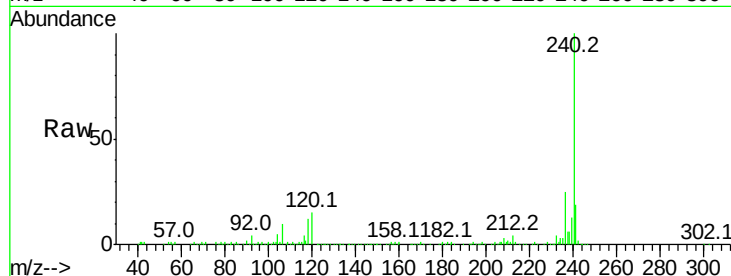
Tot Ion:240 Resp: 198763

Ion Ratio Lower Upper

240 100

120 14.6 9.5 14.3#

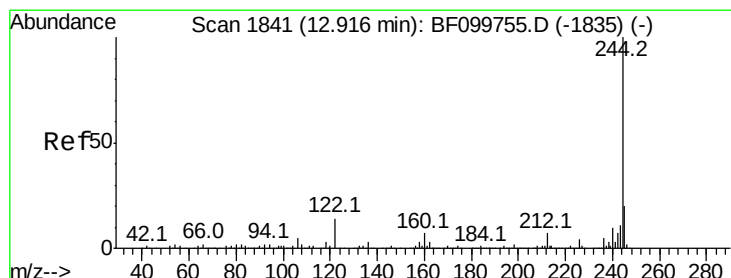
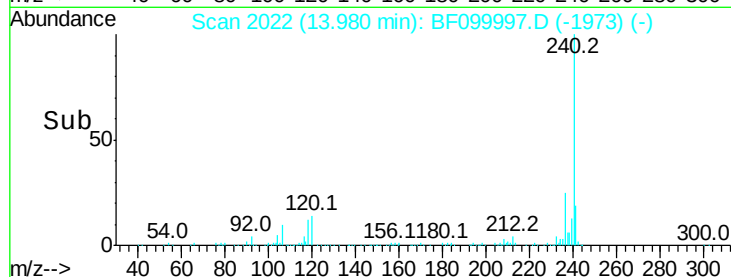
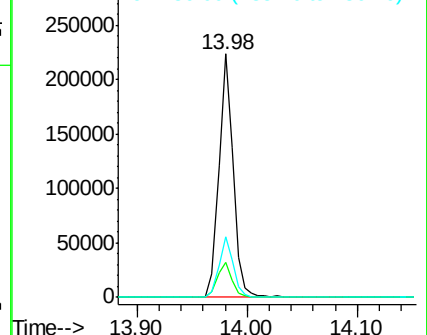
236 24.9 20.7 31.1



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: 56.717 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BF099997.D

Acq: 31 Oct 2017 10:26

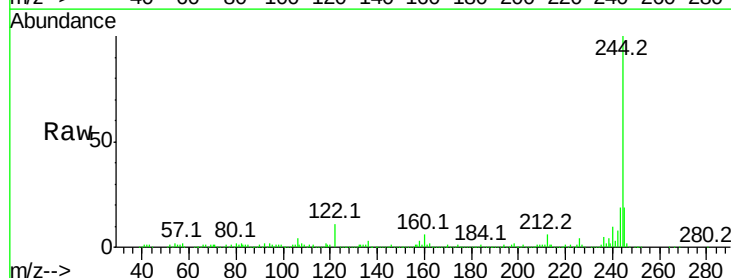
Tgt Ion:244 Resp: 515847

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

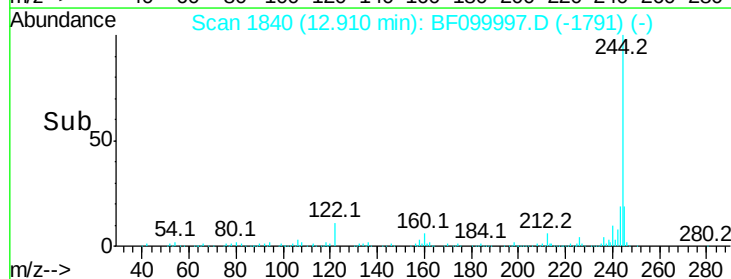
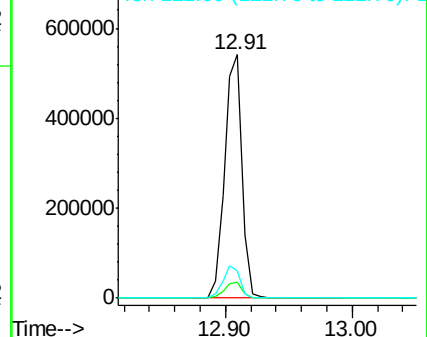
122 11.4 11.0 16.4

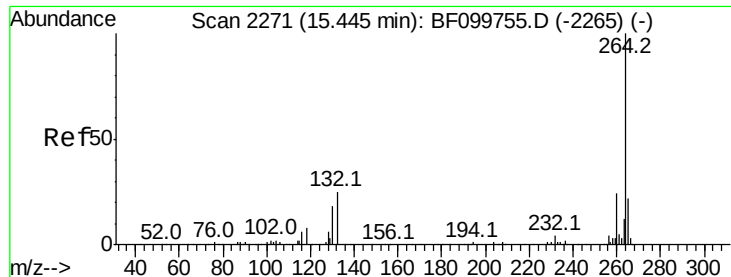


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

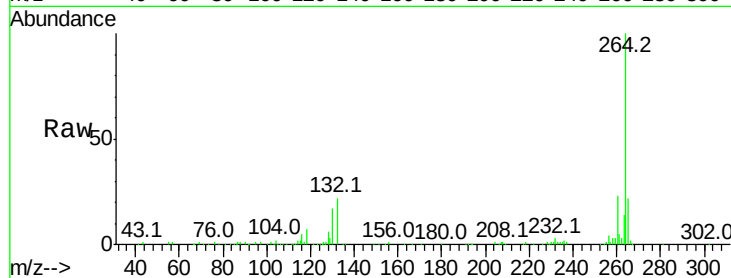




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. 0.02 min
 Lab File: BF099997.D
 Acq: 31 Oct 2017 10:26

Instrument :
 BNA_F
 ClientSampleId :
 CF-1C(4-5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.9	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

