

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102417\
 Data File : BF099795.D
 Acq On : 24 Oct 2017 18:31
 Operator : SJ/JU
 Sample : I6025-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03

Quant Time: Oct 25 08:17:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 23:39:26 2017
 Response via : Initial Calibration

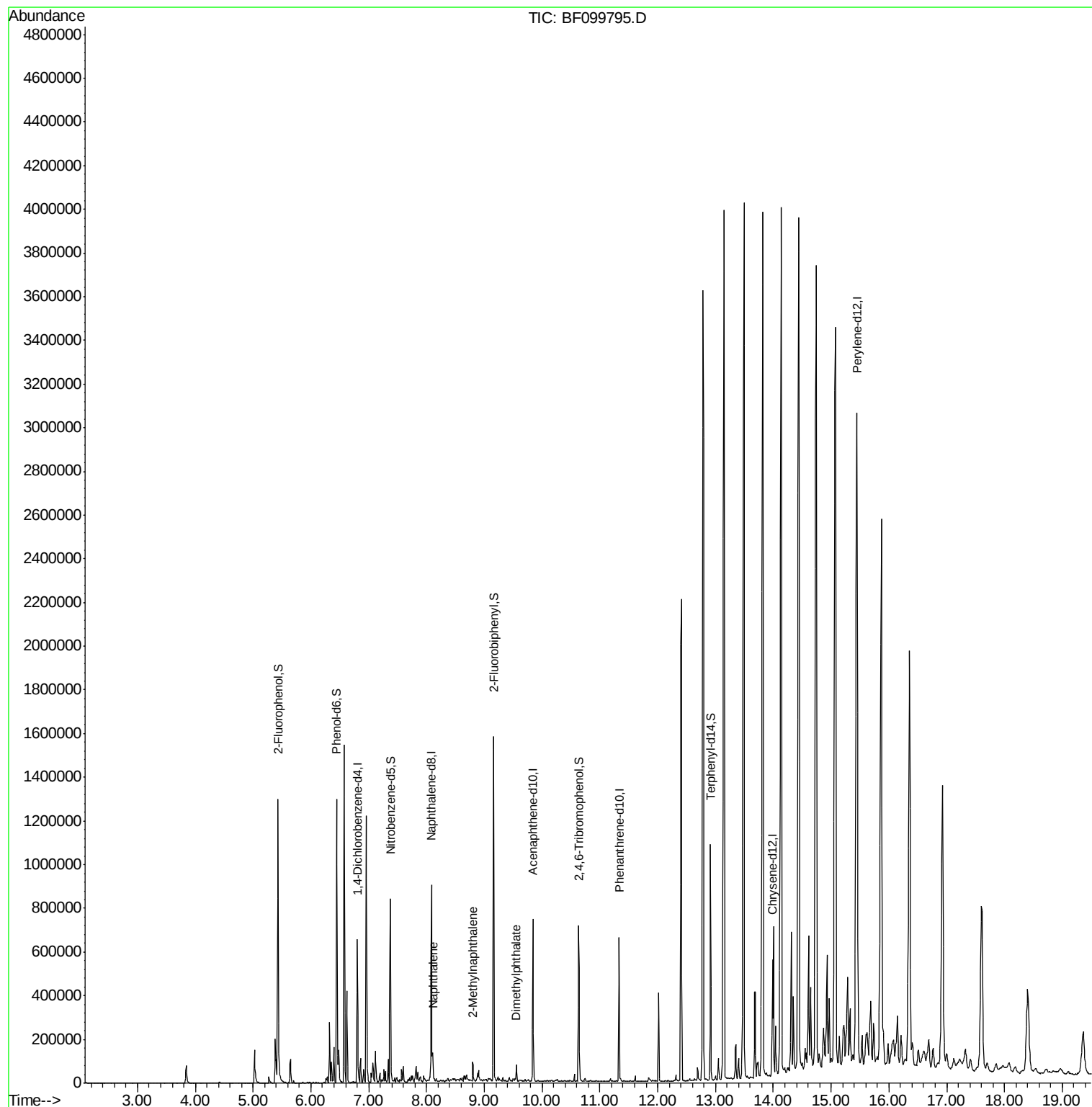
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	97055	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	381049	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	156886	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	222560	20.00	ng	0.00
75) Chrysene-d12	13.99	240	169282	20.00	ng	0.00
86) Perylene-d12	15.46	264	127054	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	436570	70.62	ng	0.00
7) Phenol-d6	6.45	99	520990	71.08	ng	0.00
23) Nitrobenzene-d5	7.37	82	294378	49.74	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	82587	57.76	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	529679	52.09	ng	0.00
78) Terphenyl-d14	12.92	244	313453	40.47	ng	0.00
Target Compounds						
31) Naphthalene	8.11	128	51842	2.818	ng	97
37) 2-Methylnaphthalene	8.80	142	25882	2.100	ng	97
49) Dimethylphthalate	9.56	163	28927	2.328	ng	98

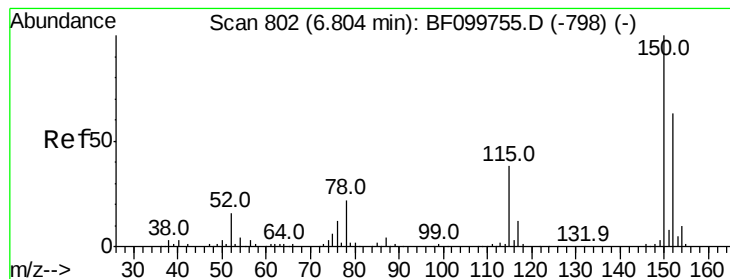
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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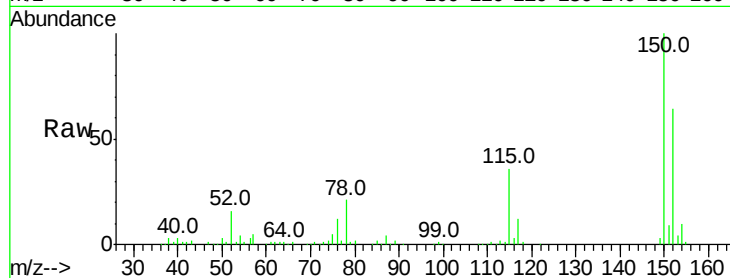


#1

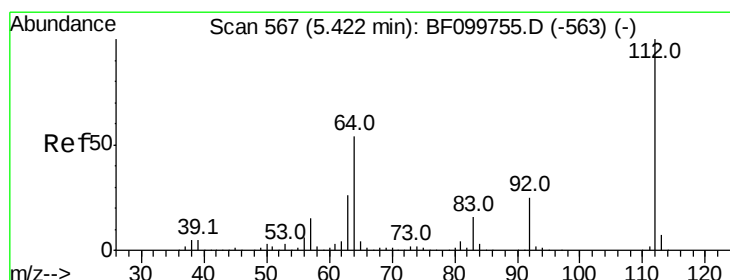
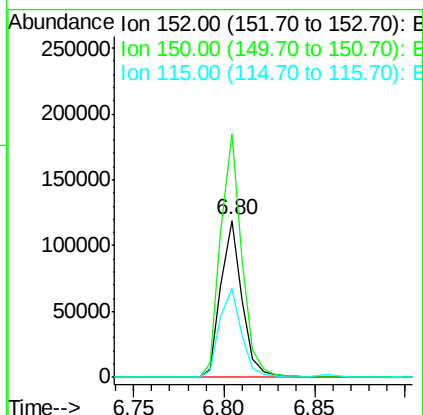
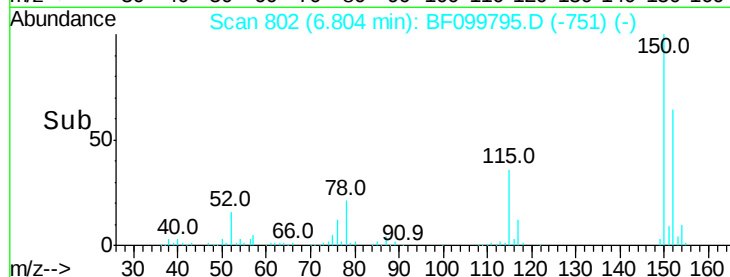
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF099795.D
Acq: 24 Oct 2017 18:31

Instrument :
BNA_F
ClientSampleId :
SB-03

Tot Ion:152 Resp: 97055
Ion Ratio Lower Upper
152 100
150 155.1 124.6 186.8
115 56.4 50.1 75.1



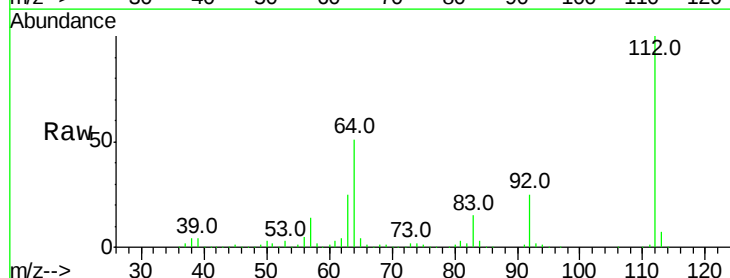
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



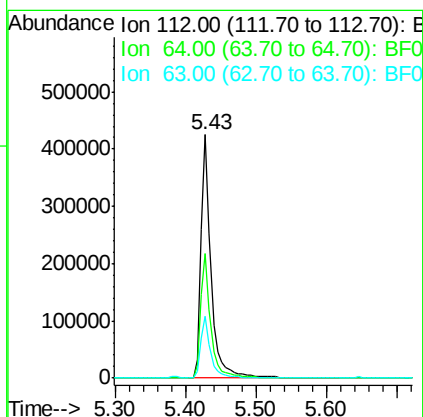
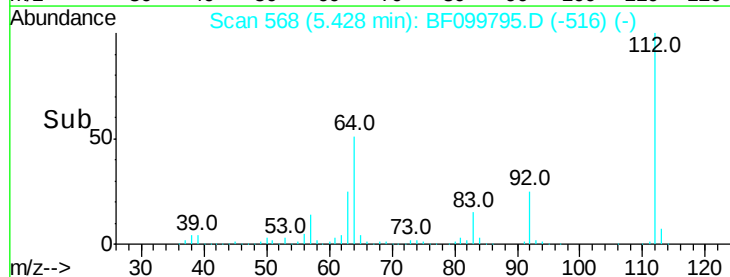
#5

2-Fluorophenol
Concen: 70.620 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF099795.D
Acq: 24 Oct 2017 18:31

Tgt Ion:112 Resp: 436570
Ion Ratio Lower Upper
112 100
64 51.1 47.9 71.9
63 25.2 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: 71.075 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099795.D

Acq: 24 Oct 2017 18:31

Instrument :

BNA_F

ClientSampleId :

SB-03

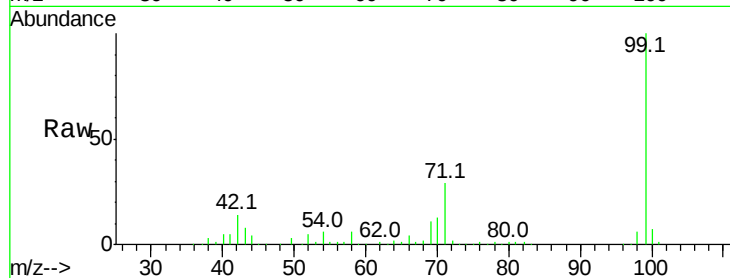
Tot Ion: 99 Resp: 520990

Ion Ratio Lower Upper

99 100

42 14.3 14.5 21.7#

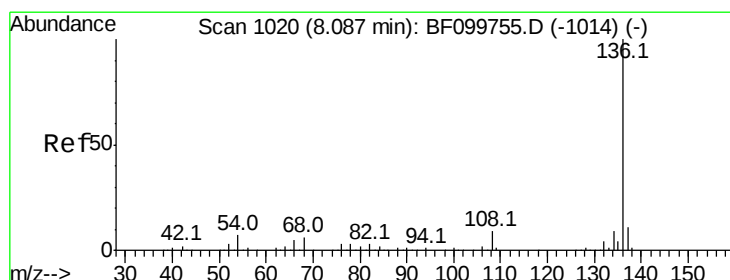
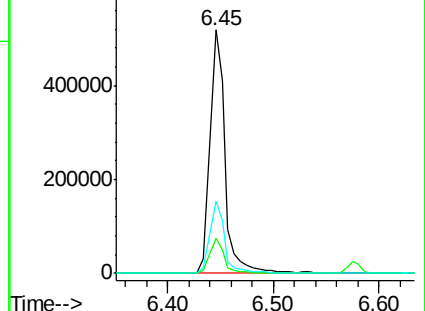
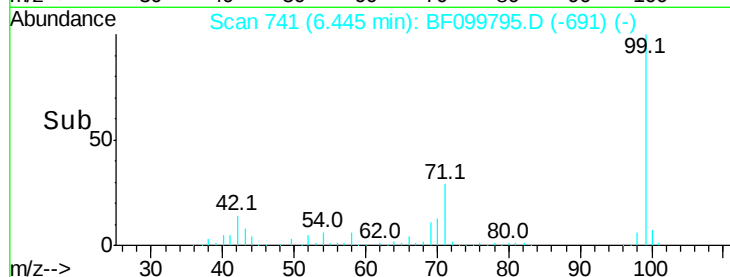
71 29.4 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF099795.D

Acq: 24 Oct 2017 18:31

Tgt Ion: 136 Resp: 381049

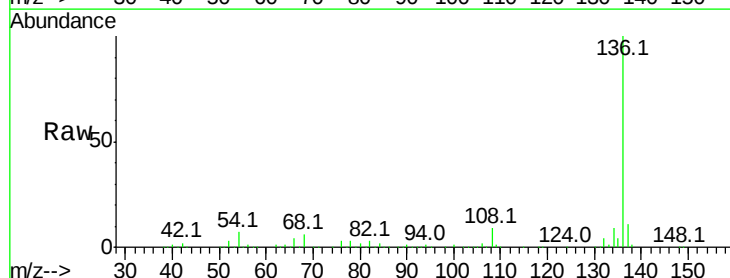
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.6 6.6 9.8

68 5.6 5.0 7.4

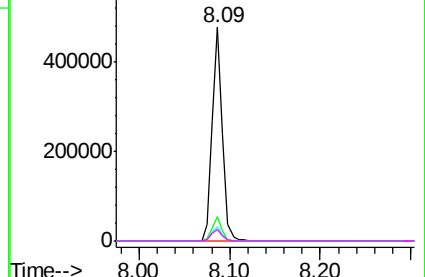
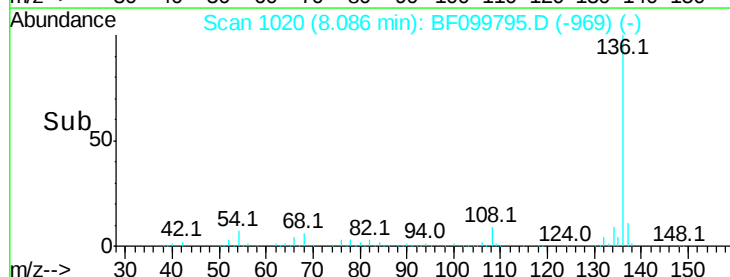


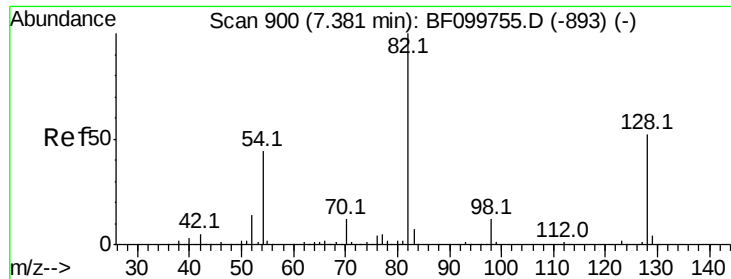
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

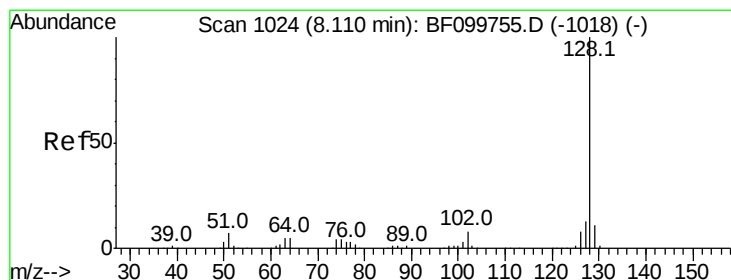
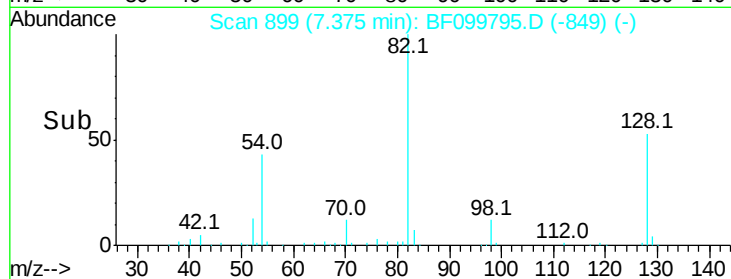
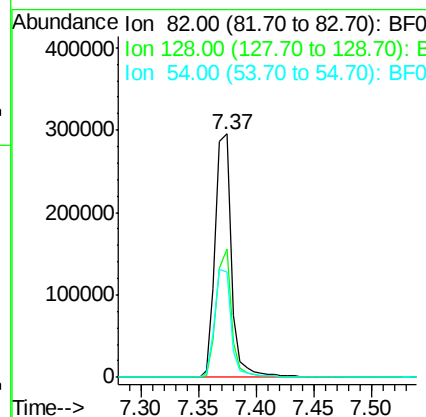
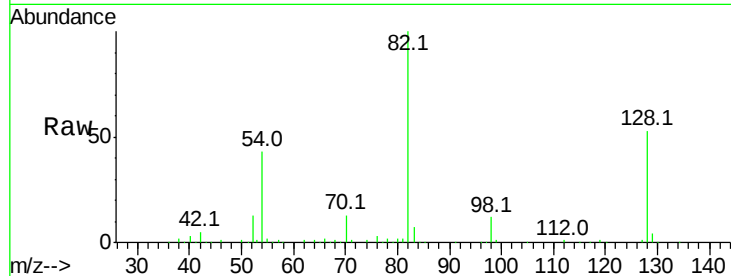




#23
 Nitrobenzene-d5
 Concen: 49.737 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF099795.D
 Acq: 24 Oct 2017 18:31

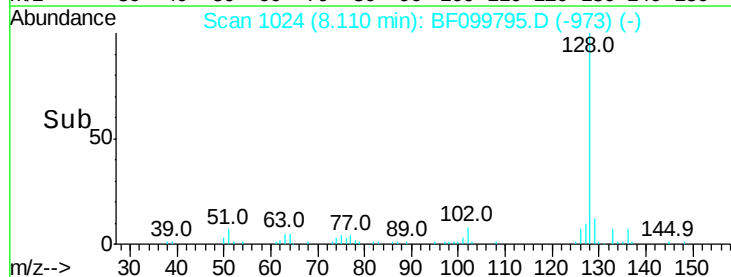
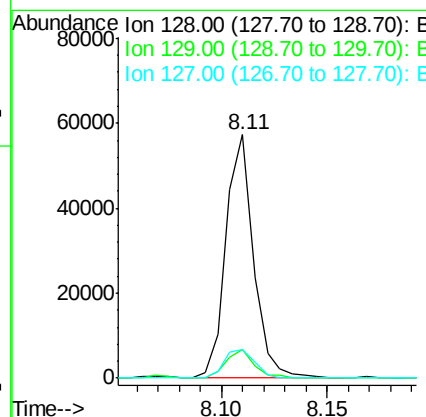
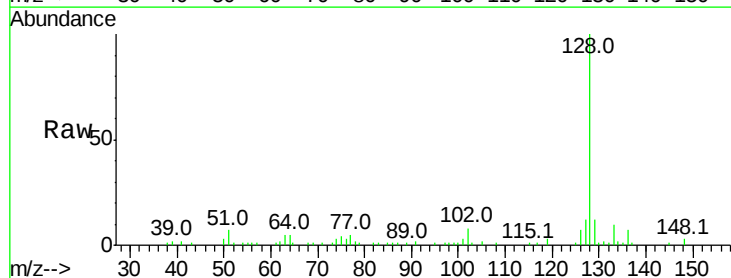
Instrument :
 BNA_F
 ClientSampleId :
 SB-03

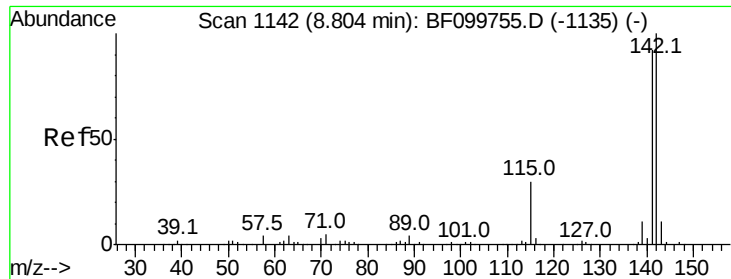
Tot Ion: 82 Resp: 294378
 Ion Ratio Lower Upper
 82 100
 128 52.6 36.1 54.1
 54 43.2 41.4 62.2



#31
 Naphthalene
 Concen: 2.818 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BF099795.D
 Acq: 24 Oct 2017 18:31

Tgt Ion: 128 Resp: 51842
 Ion Ratio Lower Upper
 128 100
 129 11.9 8.8 13.2
 127 11.8 10.9 16.3

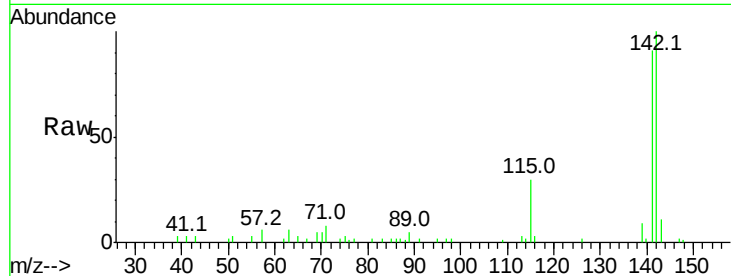




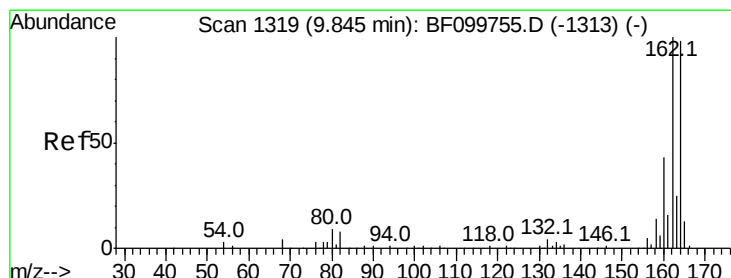
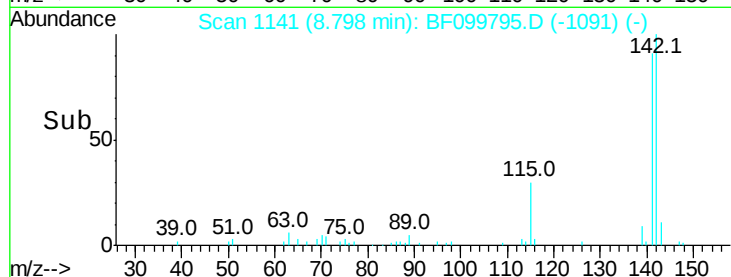
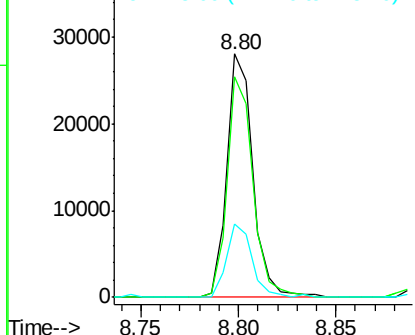
#37
2-Methylnaphthalene
Concen: 2.100 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF099795.D
Acq: 24 Oct 2017 18:31

Instrument :
BNA_F
ClientSampleId :
SB-03

Tot Ion:142 Resp: 25882
Ion Ratio Lower Upper
142 100
141 90.6 70.8 106.2
115 30.3 26.1 39.1

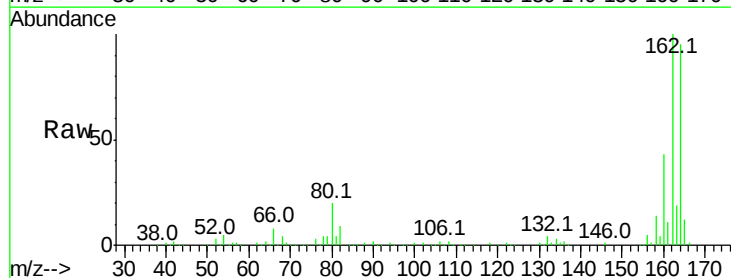


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

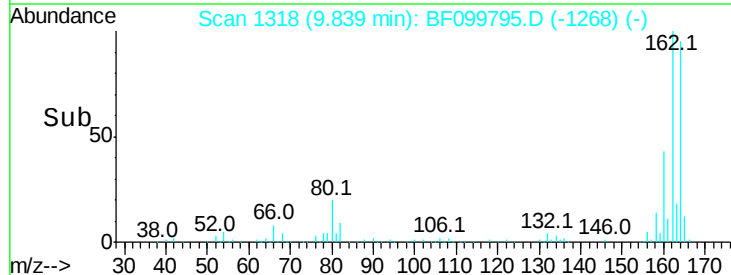
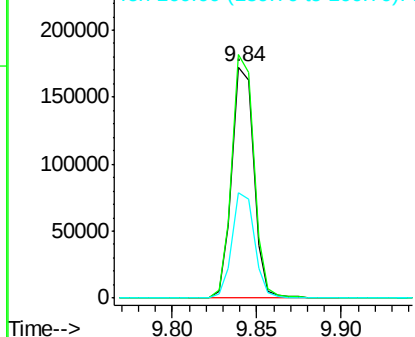


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF099795.D
Acq: 24 Oct 2017 18:31

Tgt Ion:164 Resp: 156886
Ion Ratio Lower Upper
164 100
162 105.4 86.1 129.1
160 45.8 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

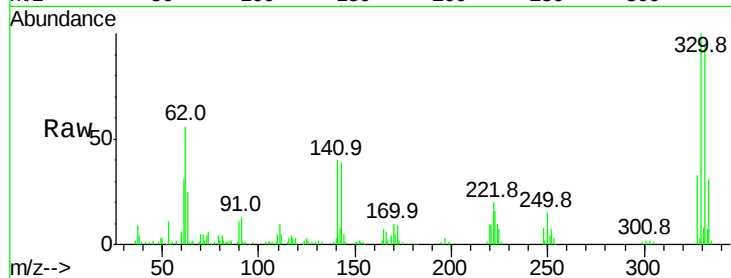




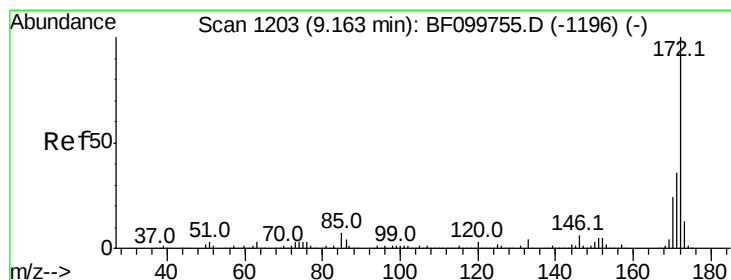
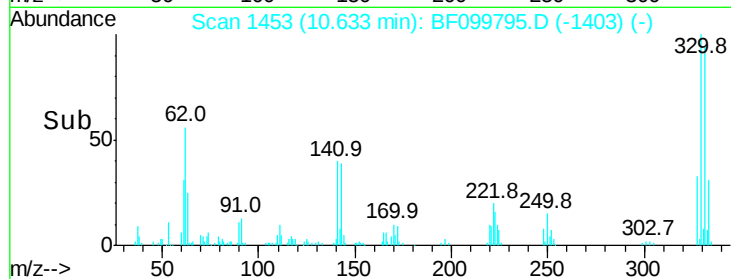
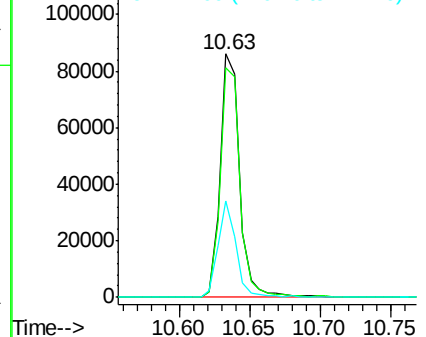
#41
 2,4,6-Tribromophenol
 Concen: 57.764 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF099795.D
 Acq: 24 Oct 2017 18:31

Instrument :
 BNA_F
 ClientSampleId :
 SB-03

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	37.0	29.9	44.9

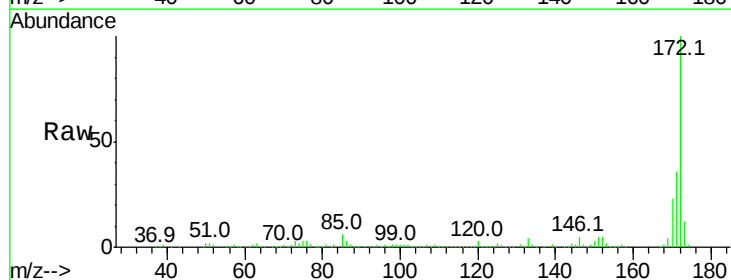


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

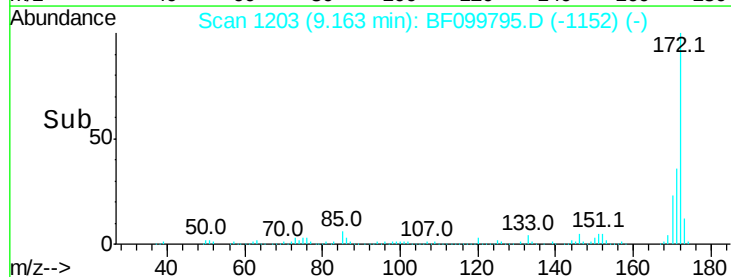
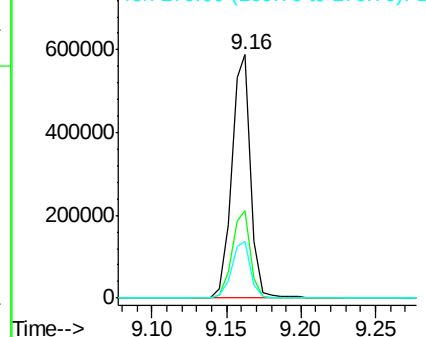


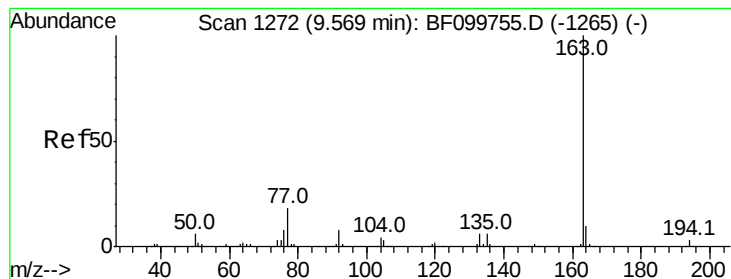
#44
 2-Fluorobiphenyl
 Concen: 52.089 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF099795.D
 Acq: 24 Oct 2017 18:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.1	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: 2.328 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF099795.D

Acq: 24 Oct 2017 18:31

Instrument :

BNA_F

ClientSampleId :

SB-03

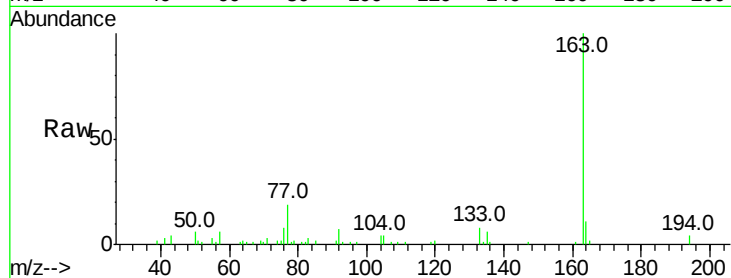
Tot Ion:163 Resp: 28927

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

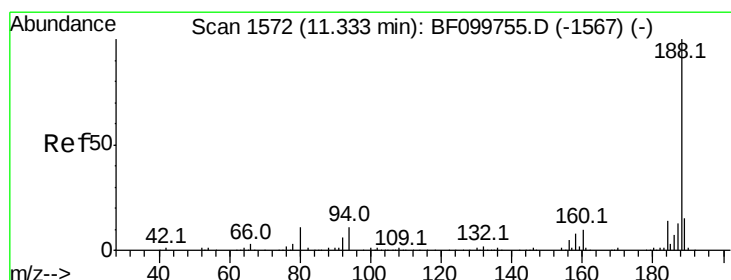
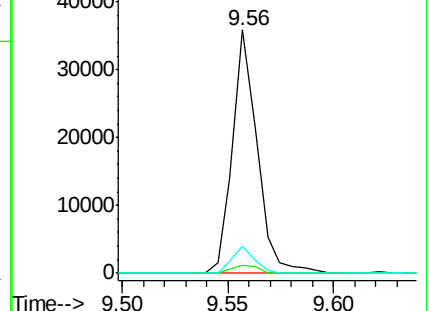
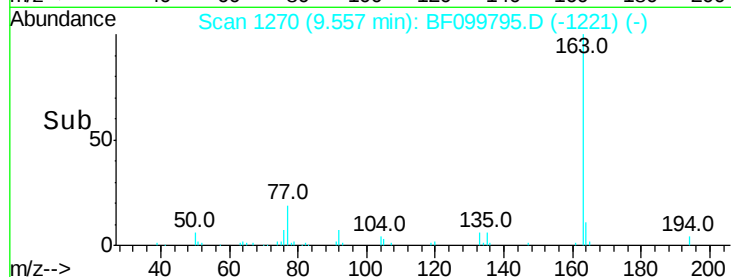
164 11.0 8.2 12.2



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# 1572

Delta R.T. -0.00 min

Lab File: BF099795.D

Acq: 24 Oct 2017 18:31

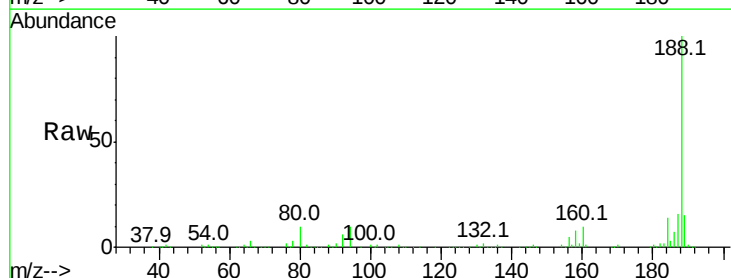
Tgt Ion:188 Resp: 222560

Ion Ratio Lower Upper

188 100

94 9.5 8.5 12.7

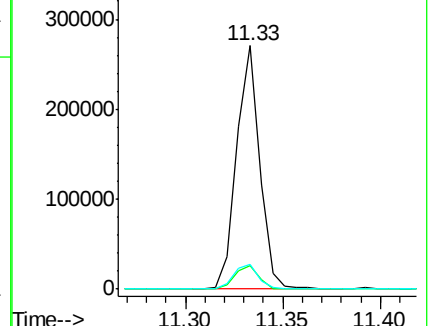
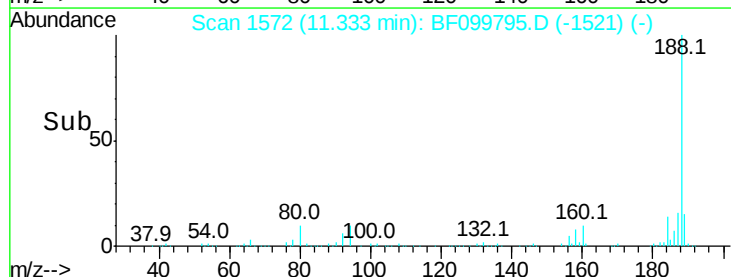
80 10.0 9.2 13.8

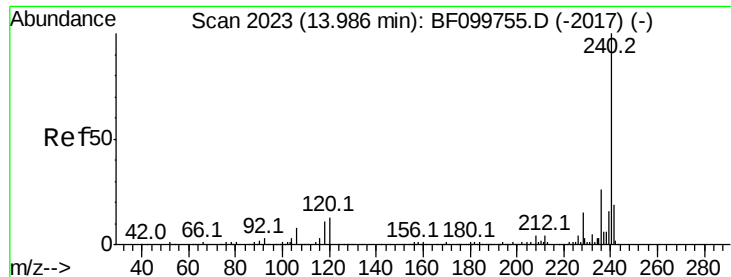


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BF099795.D

Acq: 24 Oct 2017 18:31

Instrument :

BNA_F

ClientSampleId :

SB-03

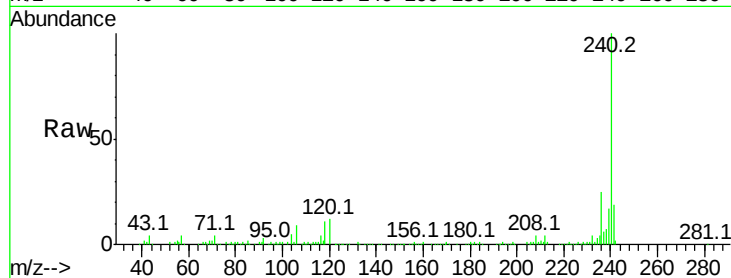
Tot Ion:240 Resp: 169282

Ion Ratio Lower Upper

240 100

120 12.3 9.5 14.3

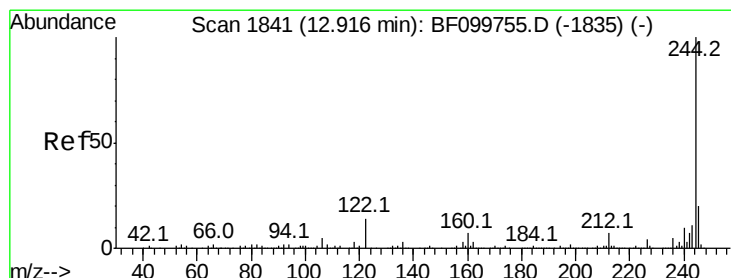
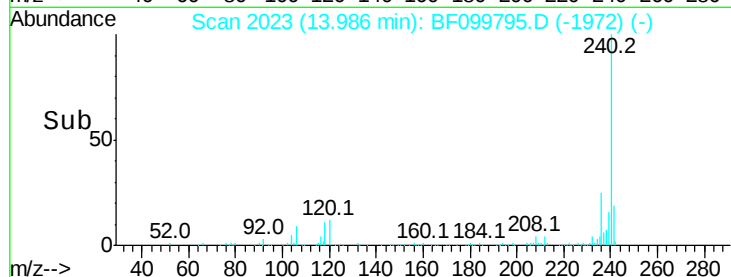
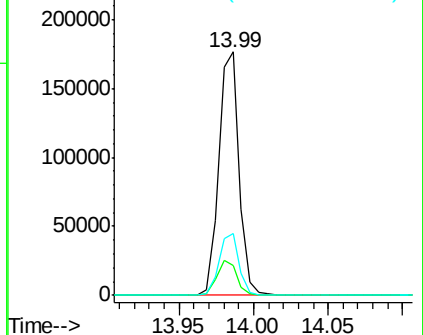
236 25.5 20.7 31.1



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: 40.466 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BF099795.D

Acq: 24 Oct 2017 18:31

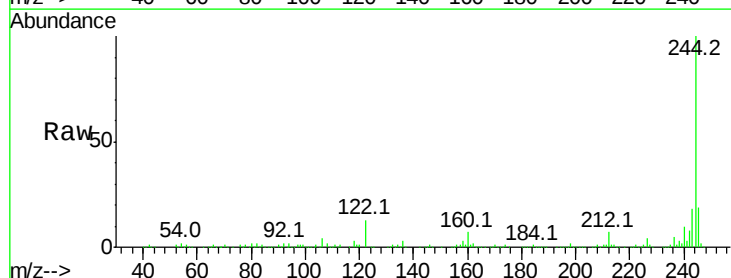
Tgt Ion:244 Resp: 313453

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

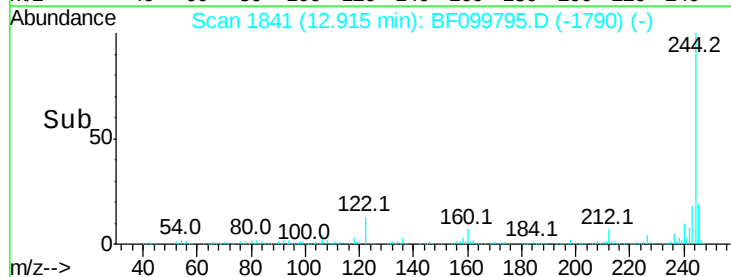
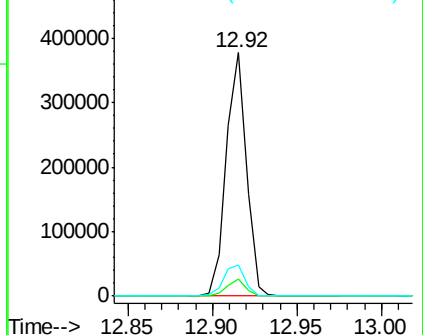
122 12.7 11.0 16.4

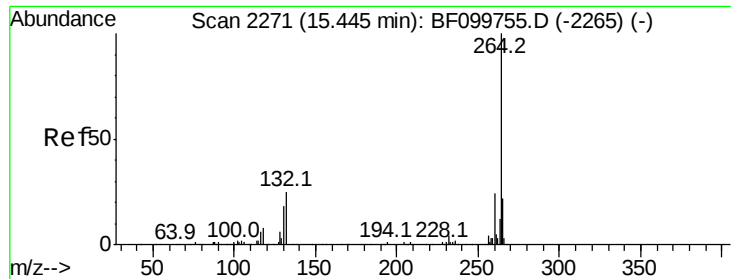


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

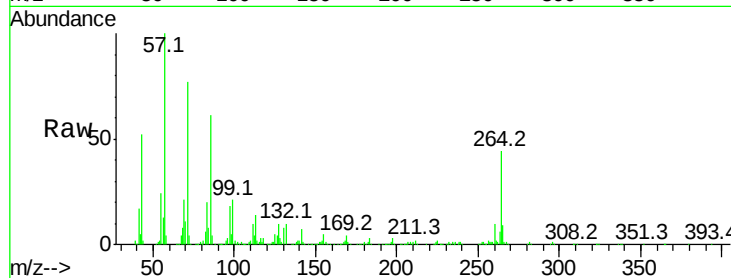




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF099795.D
Acq: 24 Oct 2017 18:31

Instrument :
BNA_F
ClientSampleId :
SB-03

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.2	28.8
265	20.0	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

