

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
 Data File : BF099542.D
 Acq On : 16 Oct 2017 14:12
 Operator : SJ/JU
 Sample : I5875-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TK2064L-T1-T2-T3

Quant Time: Oct 17 00:24:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

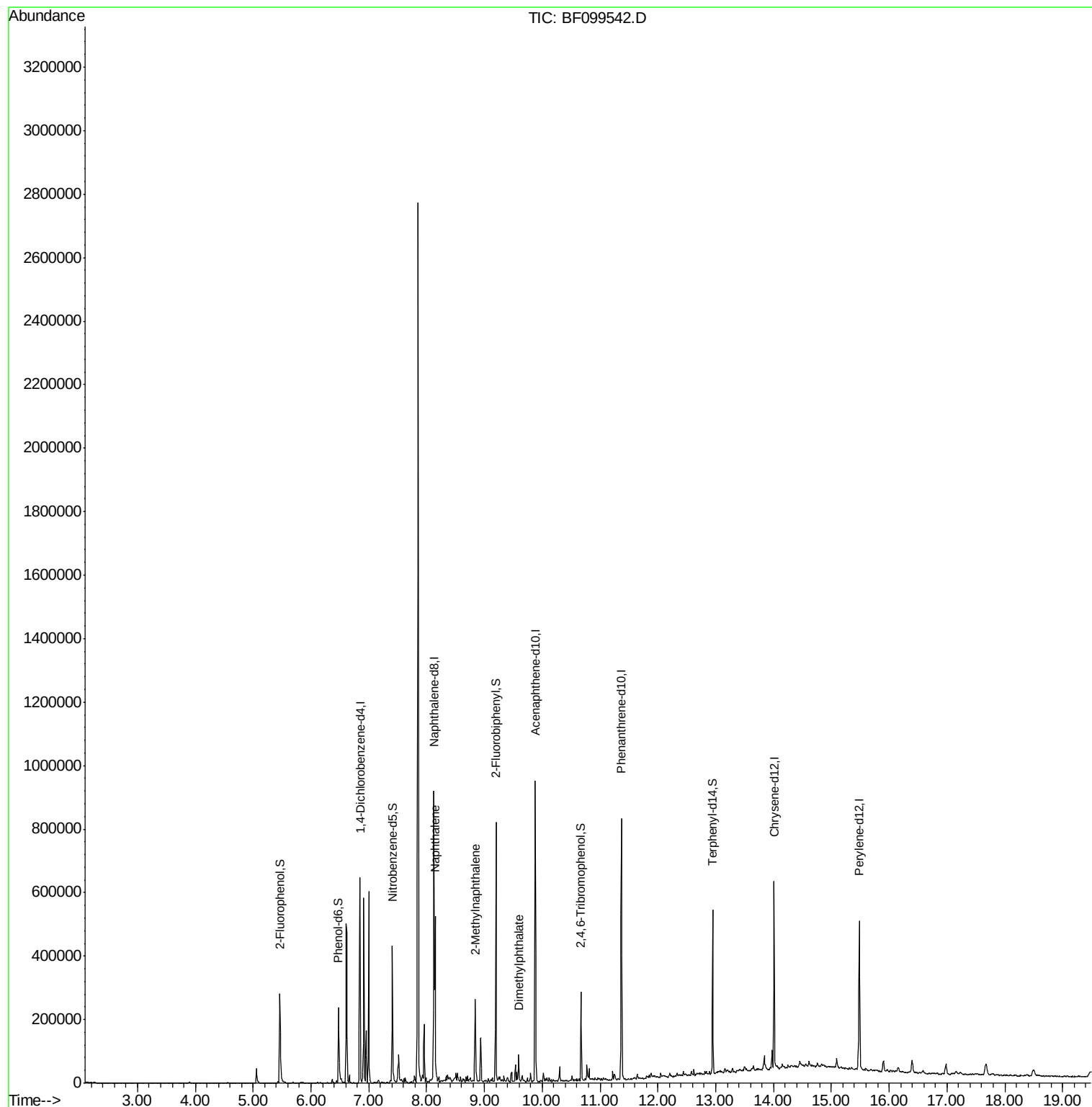
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	105134	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	431838	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	175370	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	264264	20.00	ng	0.00
75) Chrysene-d12	14.01	240	186645	20.00	ng	0.00
86) Perylene-d12	15.49	264	204143	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	106437	16.12	ng	0.00
7) Phenol-d6	6.47	99	97114	11.92	ng	-0.01
23) Nitrobenzene-d5	7.40	82	136798	20.32	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	28235	19.68	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	246070	23.42	ng	-0.01
78) Terphenyl-d14	12.95	244	153554	18.71	ng	-0.01
Target Compounds						
31) Naphthalene	8.15	128	94345	4.652	ng	99
37) 2-Methylnaphthalene	8.84	142	68581	5.202	ng	98
49) Dimethylphthalate	9.59	163	26914	2.033	ng	100

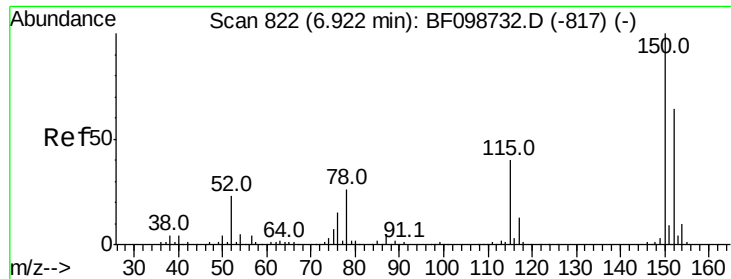
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
Data File : BF099542.D
Acq On : 16 Oct 2017 14:12
Operator : SJ/JU
Sample : I5875-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TK2064L-T1-T2-T3

Quant Time: Oct 17 00:24:28 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 16:25:21 2017
Response via : Initial Calibration



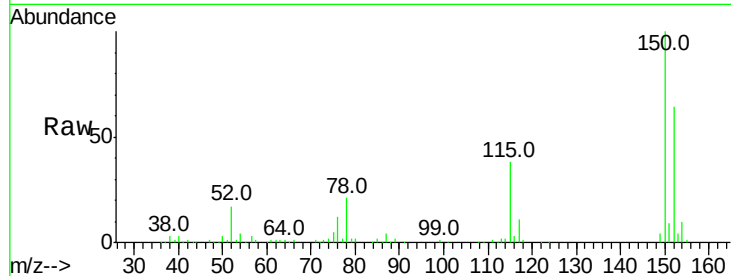


#1

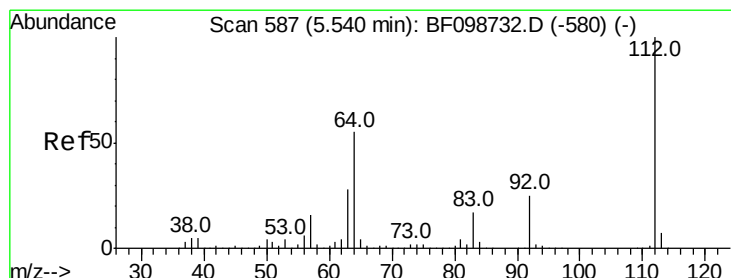
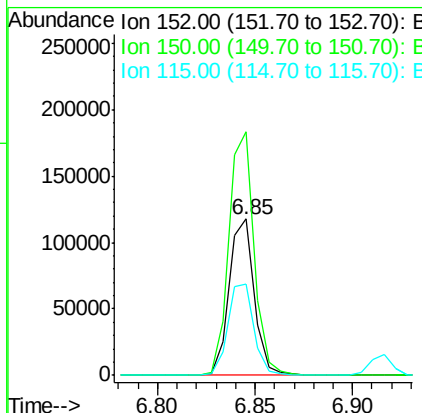
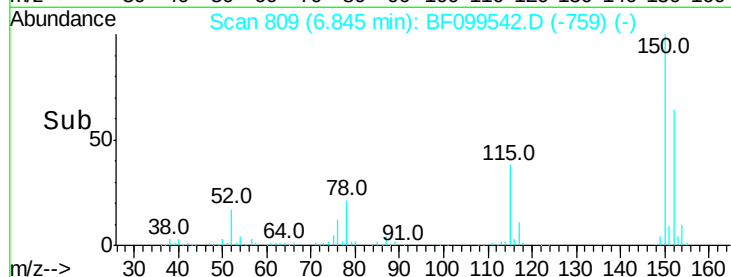
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF099542.D
 Acq: 16 Oct 2017 14:12

Instrument :
 BNA_F
 ClientSampleId :
 TK2064L-T1-T2-T3

Tot Ion:152 Resp: 105134
 Ion Ratio Lower Upper
 152 100
 150 155.8 124.6 186.8
 115 58.5 50.1 75.1



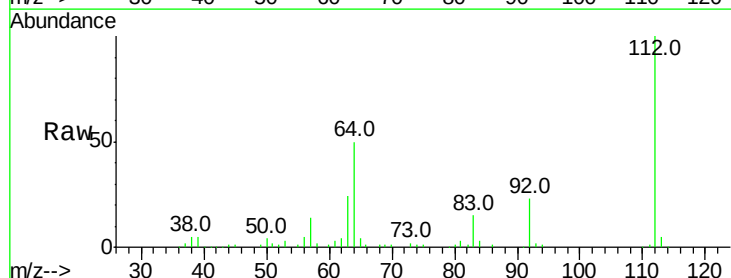
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



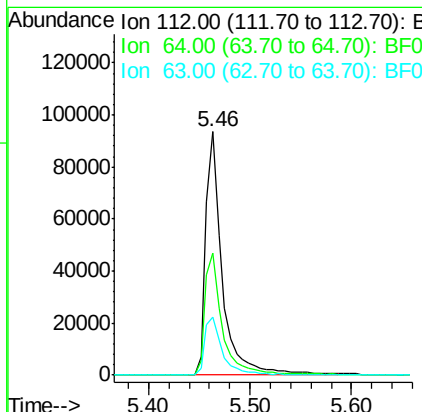
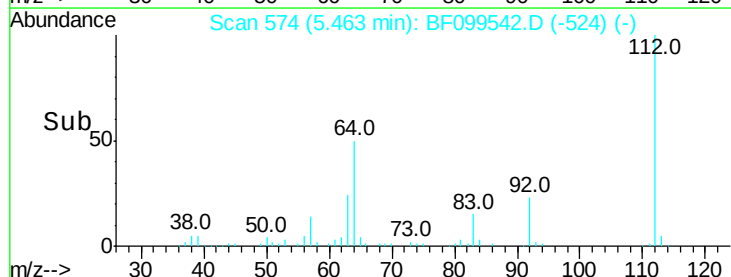
#5

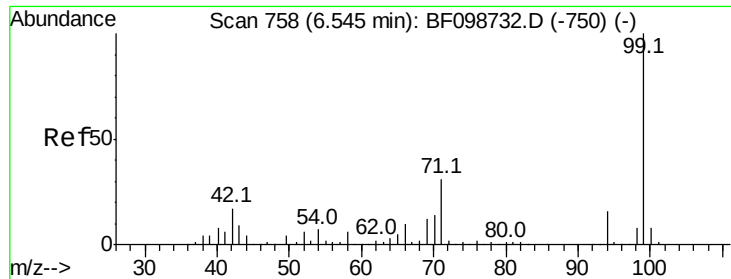
2-Fluorophenol
 Concen: 16.116 ng
 RT: 5.46 min Scan# 574
 Delta R.T. -0.01 min
 Lab File: BF099542.D
 Acq: 16 Oct 2017 14:12

Tgt Ion:112 Resp: 106437
 Ion Ratio Lower Upper
 112 100
 64 50.2 47.9 71.9
 63 23.9 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: 11.920 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF099542.D

Acq: 16 Oct 2017 14:12

Instrument :

BNA_F

ClientSampleId :

TK2064L-T1-T2-T3

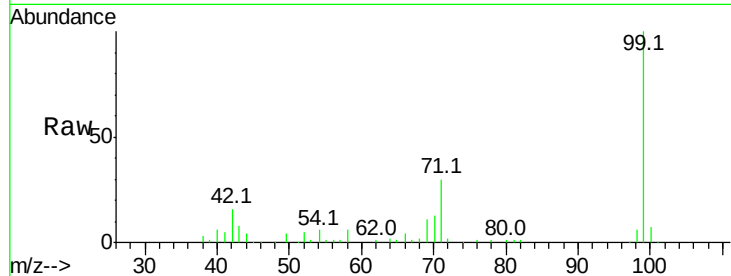
Tot Ion: 99 Resp: 97114

Ion Ratio Lower Upper

99 100

42 15.5 14.5 21.7

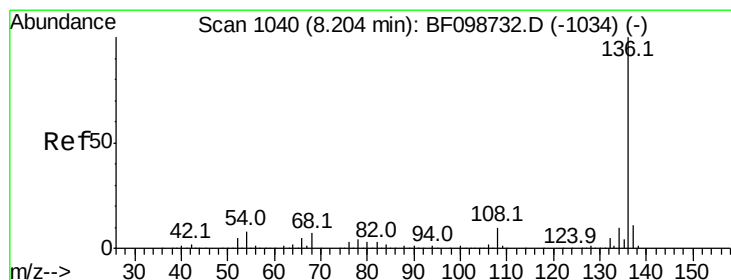
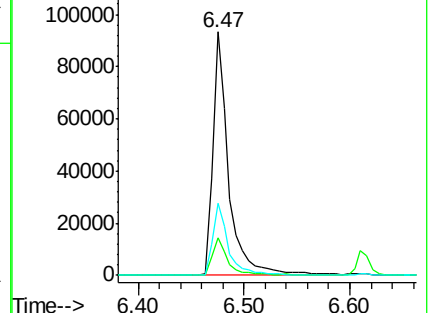
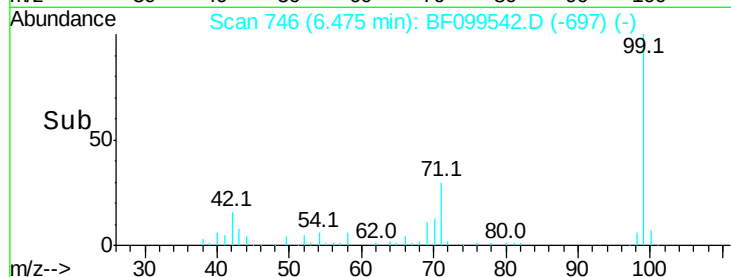
71 29.6 25.4 38.0



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: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF099542.D

Acq: 16 Oct 2017 14:12

Tgt Ion: 136 Resp: 431838

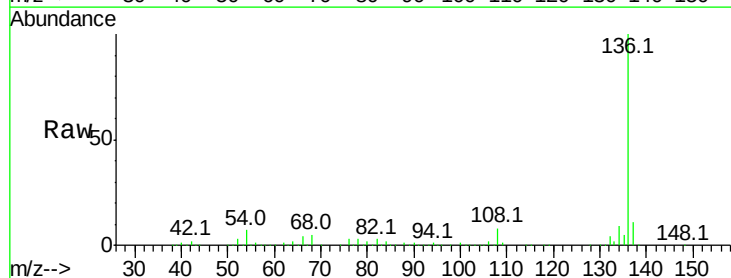
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.6 6.6 9.8

68 5.5 5.0 7.4

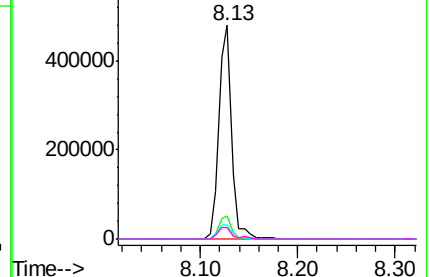
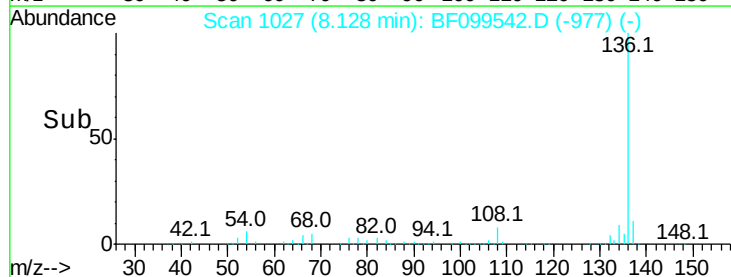


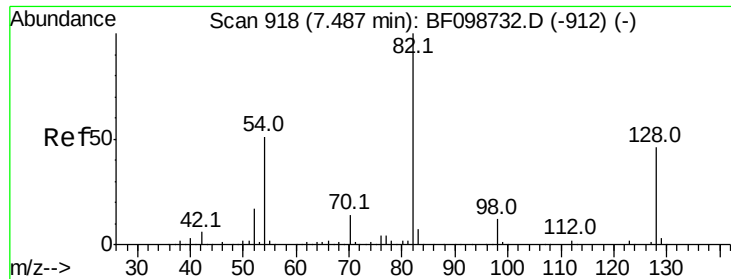
Abundance Ion 136.00 (135.70 to 136.70): E

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

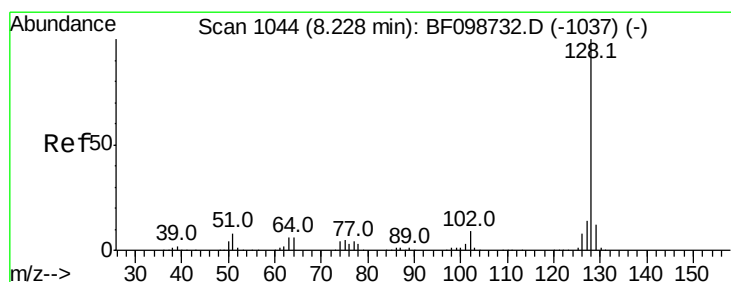
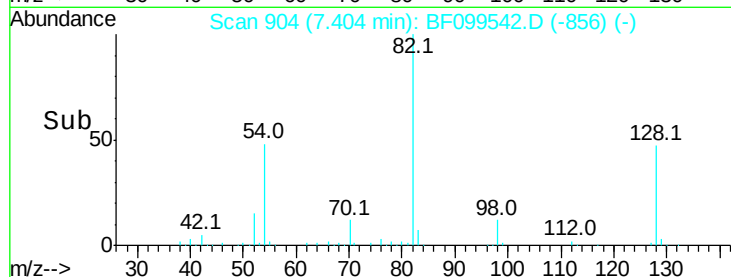
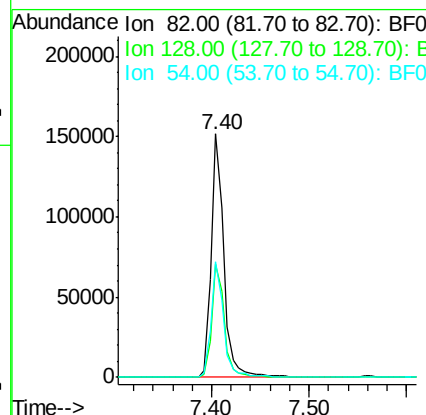
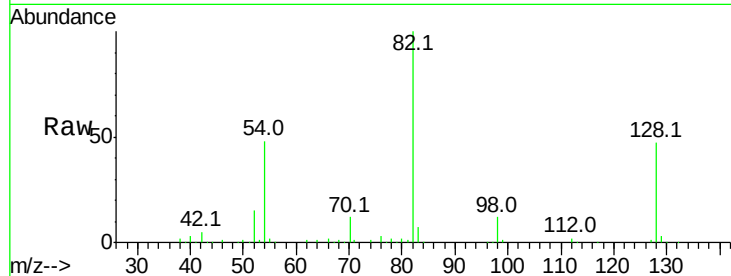




#23
 Nitrobenzene-d5
 Concen: 20.315 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BF099542.D
 Acq: 16 Oct 2017 14:12

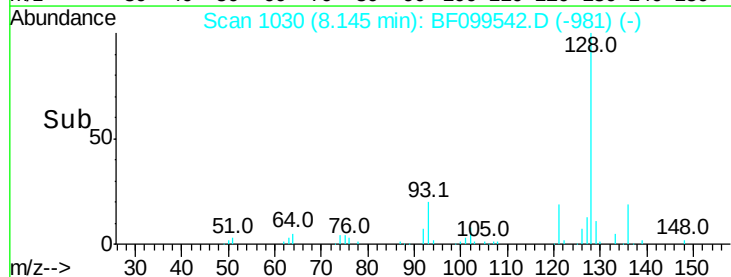
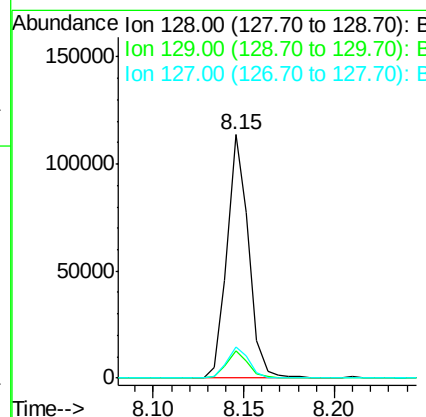
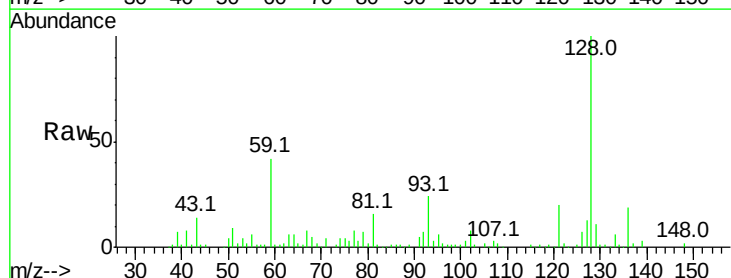
Instrument :
 BNA_F
 ClientSampleId :
 TK2064L-T1-T2-T3

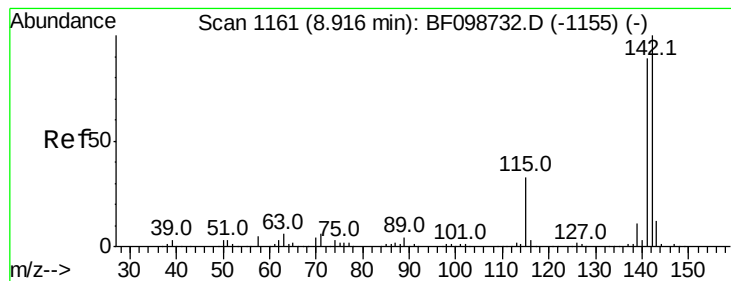
Tot Ion: 82 Resp: 136798
 Ion Ratio Lower Upper
 82 100
 128 46.5 36.1 54.1
 54 47.6 41.4 62.2



#31
 Naphthalene
 Concen: 4.652 ng
 RT: 8.15 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BF099542.D
 Acq: 16 Oct 2017 14:12

Tgt Ion: 128 Resp: 94345
 Ion Ratio Lower Upper
 128 100
 129 11.2 8.8 13.2
 127 12.8 10.9 16.3





#37

2-Methylnaphthalene

Concen: 5.202 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF099542.D

Acq: 16 Oct 2017 14:12

Instrument :

BNA_F

ClientSampleId :

TK2064L-T1-T2-T3

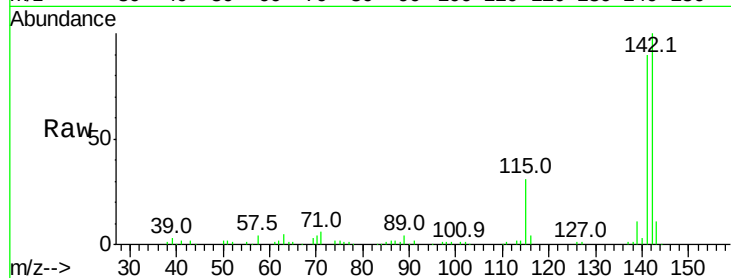
Tot Ion:142 Resp: 68581

Ion Ratio Lower Upper

142 100

141 90.1 70.8 106.2

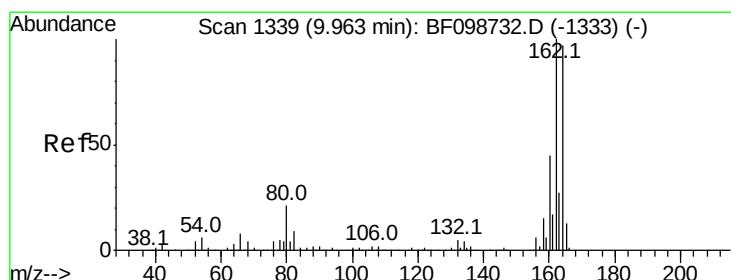
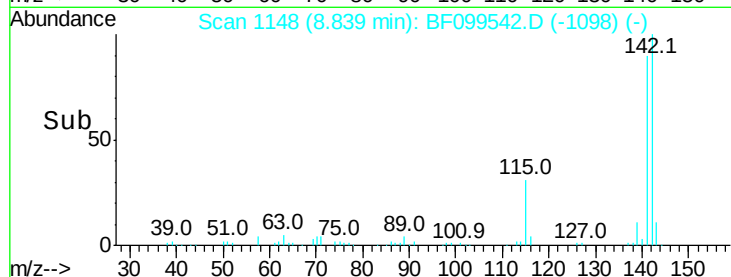
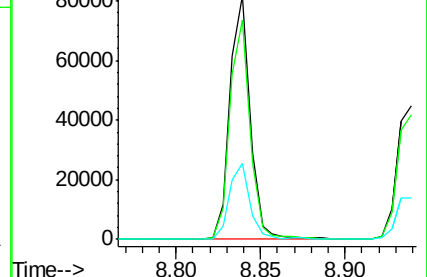
115 31.1 26.1 39.1



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: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF099542.D

Acq: 16 Oct 2017 14:12

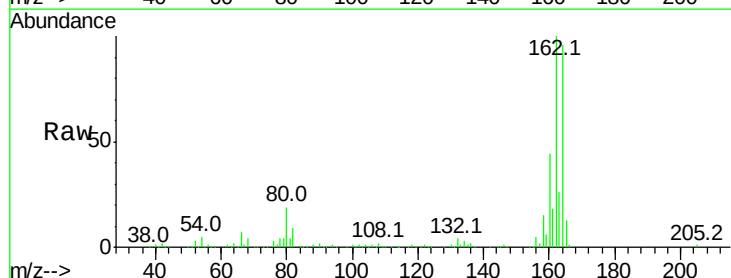
Tgt Ion:164 Resp: 175370

Ion Ratio Lower Upper

164 100

162 104.0 86.1 129.1

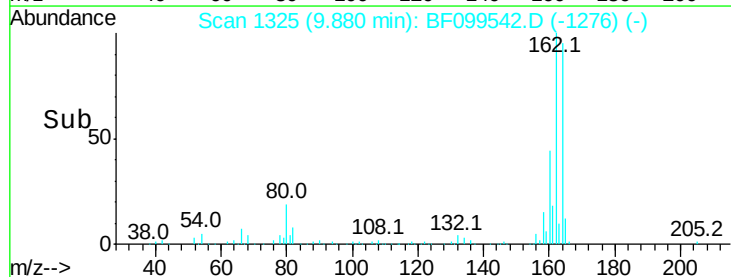
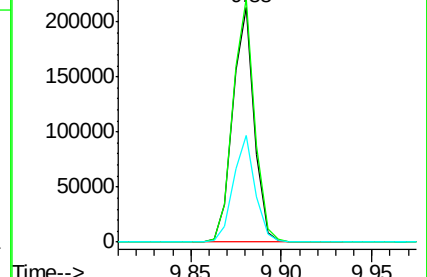
160 45.6 38.3 57.5

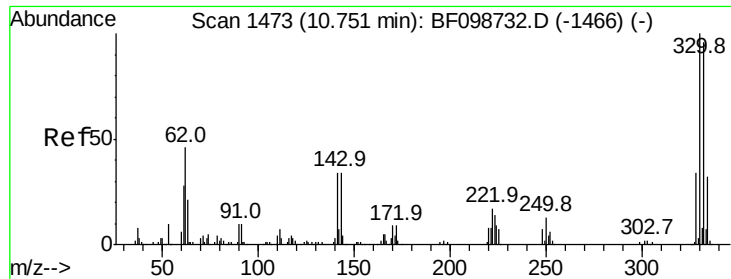


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

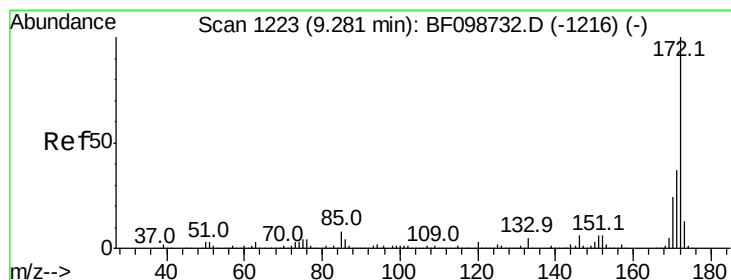
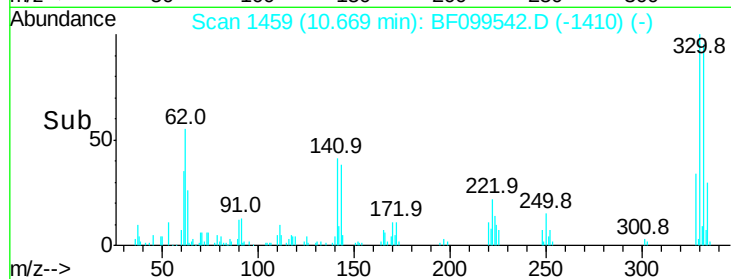
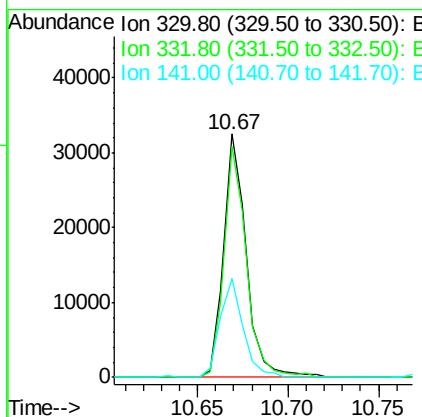
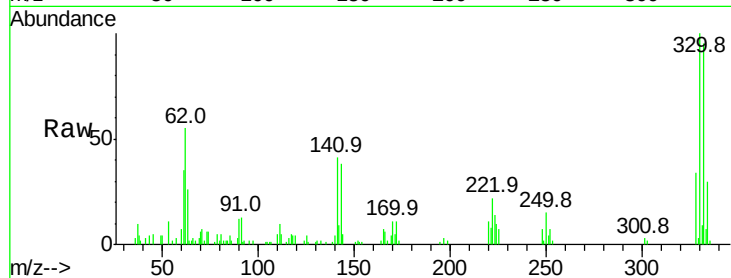




#41
 2,4,6-Tribromophenol
 Concen: 19.676 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF099542.D
 Acq: 16 Oct 2017 14:12

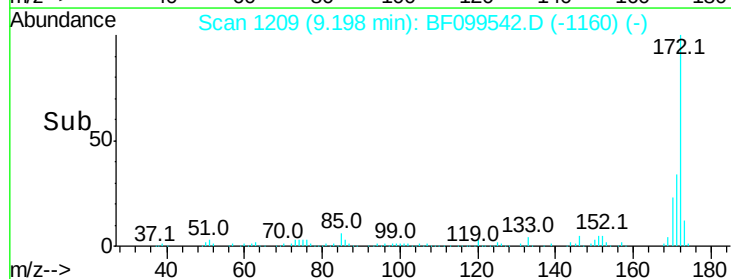
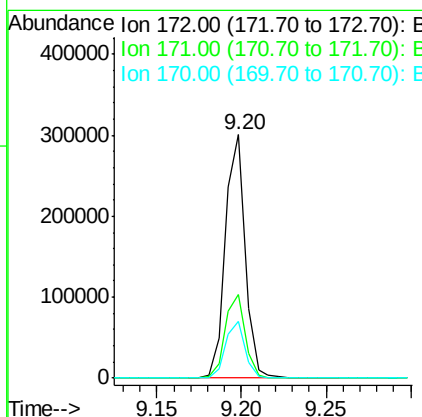
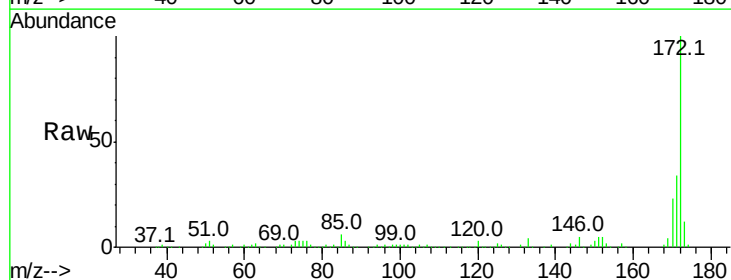
Instrument :
 BNA_F
 ClientSampleId :
 TK2064L-T1-T2-T3

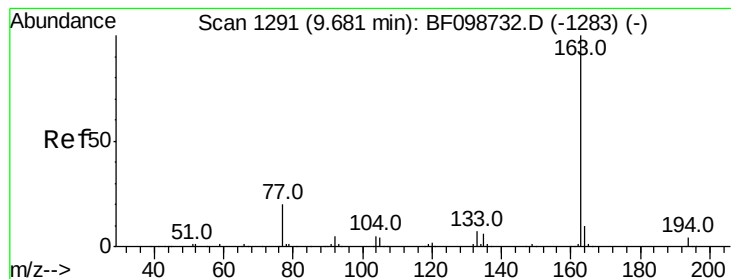
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.0	115.6
141	41.4	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 23.424 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF099542.D
 Acq: 16 Oct 2017 14:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.7	44.5
170	23.4	19.6	29.4





#49

Dimethylphthalate

Concen: 2.033 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF099542.D

Acq: 16 Oct 2017 14:12

Instrument :

BNA_F

ClientSampleId :

TK2064L-T1-T2-T3

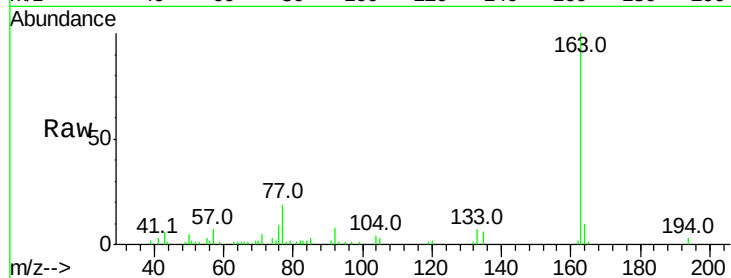
Tot Ion:163 Resp: 26914

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

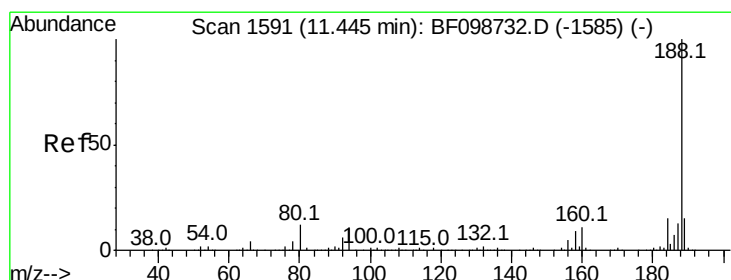
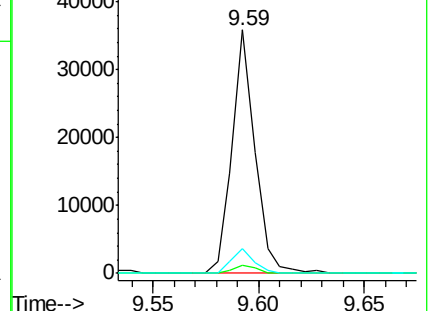
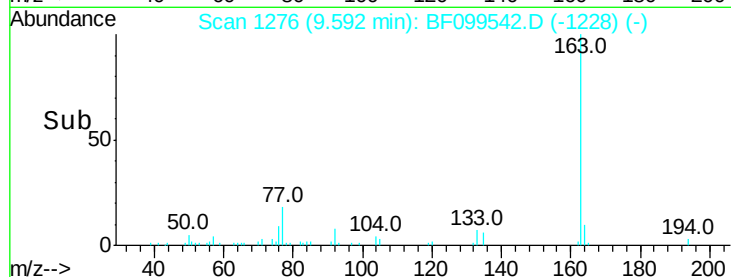
164 10.1 8.2 12.2



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: 11.37 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BF099542.D

Acq: 16 Oct 2017 14:12

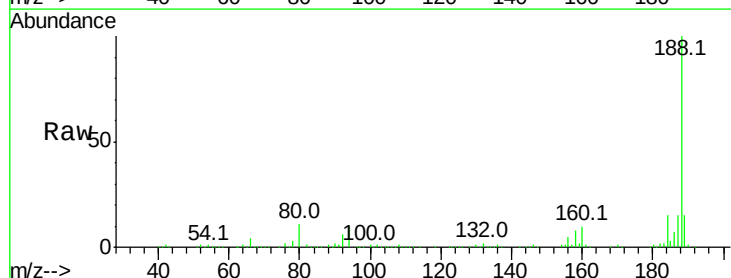
Tgt Ion:188 Resp: 264264

Ion Ratio Lower Upper

188 100

94 10.5 8.5 12.7

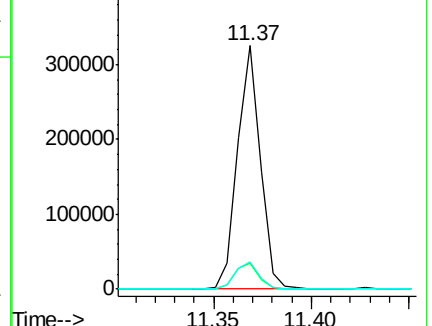
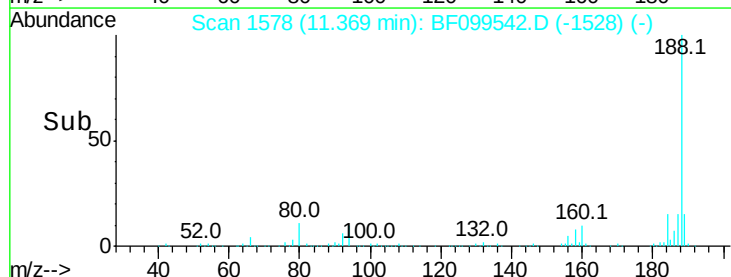
80 11.0 9.2 13.8

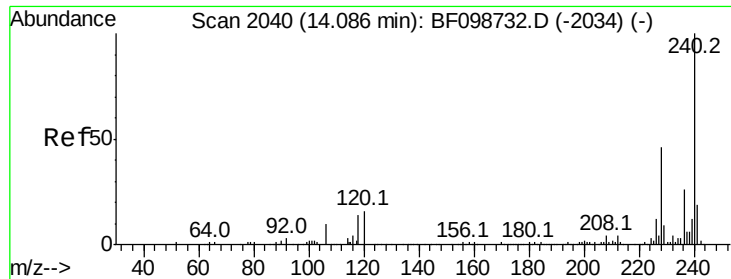


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF099542.D

Acq: 16 Oct 2017 14:12

Instrument :

BNA_F

ClientSampleId :

TK2064L-T1-T2-T3

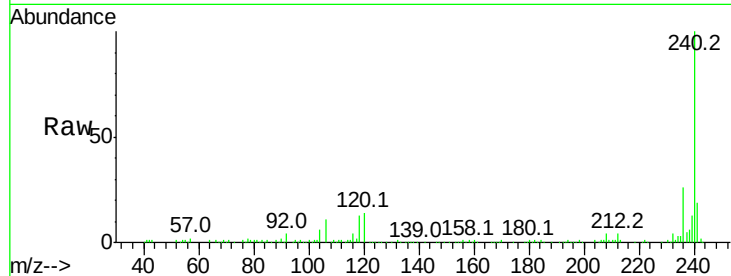
Tot Ion:240 Resp: 186645

Ion Ratio Lower Upper

240 100

120 14.5 9.5 14.3#

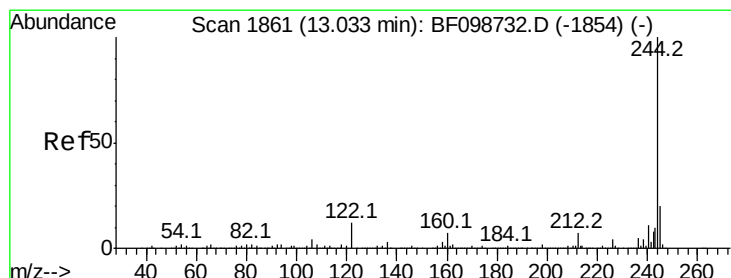
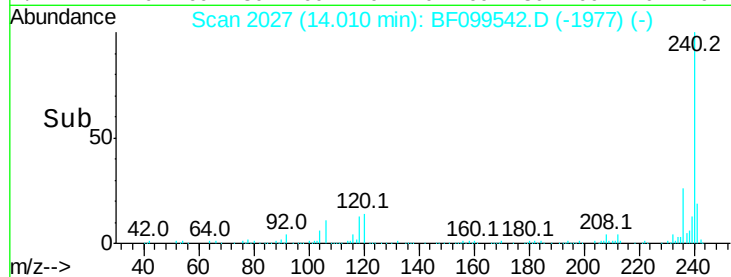
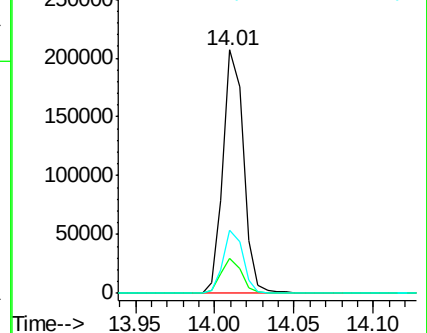
236 25.8 20.7 31.1



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: 18.710 ng

RT: 12.95 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF099542.D

Acq: 16 Oct 2017 14:12

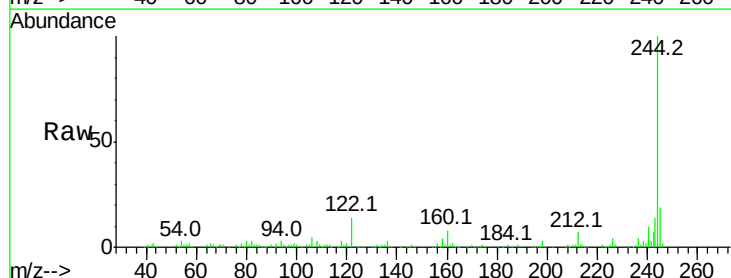
Tgt Ion:244 Resp: 153554

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

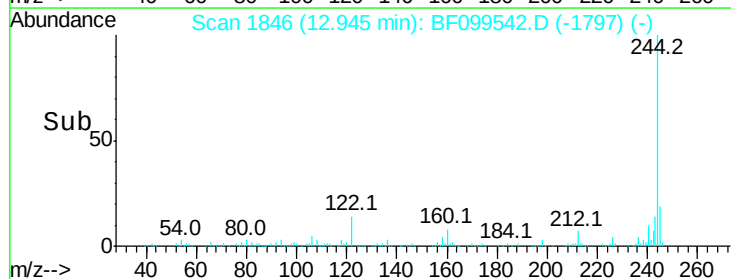
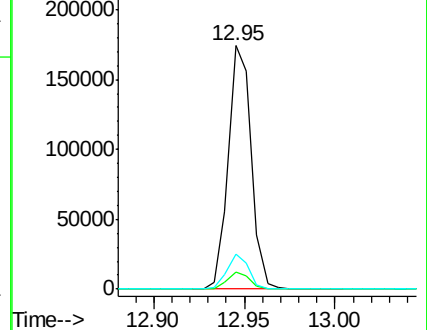
122 14.5 11.0 16.4

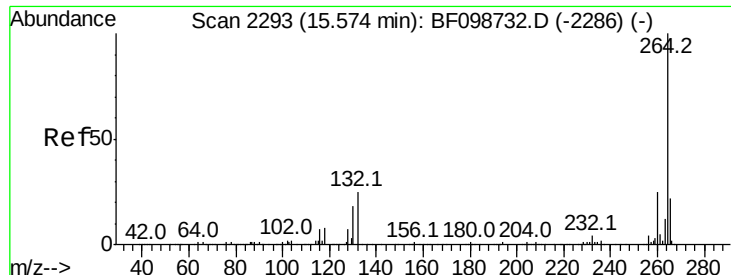


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

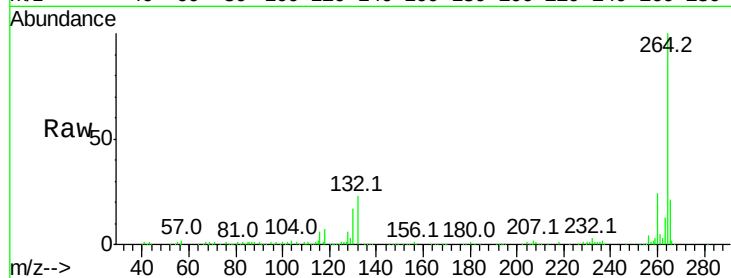




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. 0.01 min
 Lab File: BF099542.D
 Acq: 16 Oct 2017 14:12

Instrument :
 BNA_F
 ClientSampleId :
 TK2064L-T1-T2-T3

Tot Ion:	264	Resp:	204143
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.0	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

