

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
 Data File : BF098598.D
 Acq On : 18 Sep 2017 13:22
 Operator : SJ/JU
 Sample : I5236-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-091317

Quant Time: Sep 18 13:51:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 13:37:24 2017
 Response via : Initial Calibration

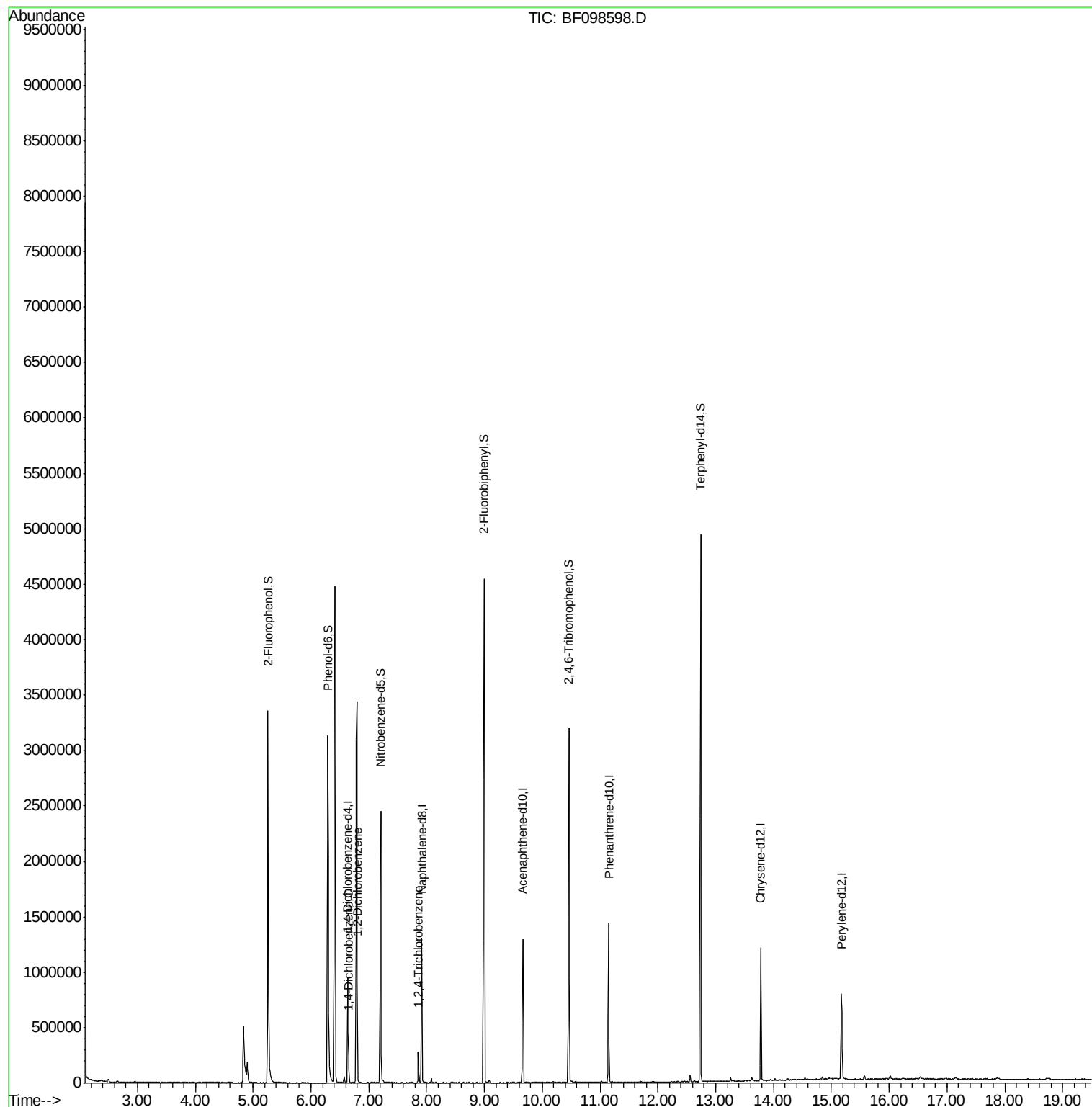
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	122390	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	556370	20.00	ng	0.00
38) Acenaphthene-d10	9.66	164	267218	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	535904	20.00	ng	0.00
75) Chrysene-d12	13.78	240	390286	20.00	ng	0.00
86) Perylene-d12	15.17	264	302217	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1064715	128.62	ng	0.02
7) Phenol-d6	6.29	99	1256134	119.52	ng	0.00
23) Nitrobenzene-d5	7.20	82	909799	91.16	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	348682	195.51	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1636202	103.78	ng	0.00
78) Terphenyl-d14	12.74	244	1702503	94.16	ng	0.00
Target Compounds						
13) 1,4-Dichlorobenzene	6.65	146	51615	5.500	ng	96
14) 1,2-Dichlorobenzene	6.80	146	26695	3.122	ng	96
30) 1,2,4-Trichlorobenzene	7.86	180	55540	7.016	ng	99

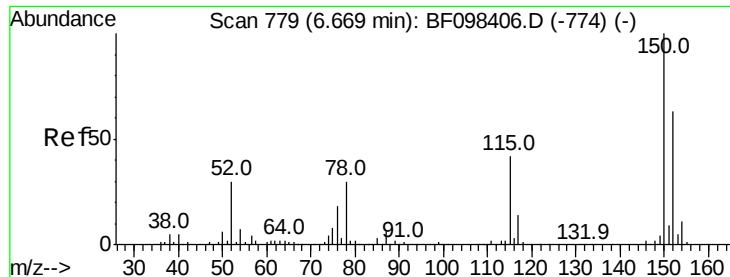
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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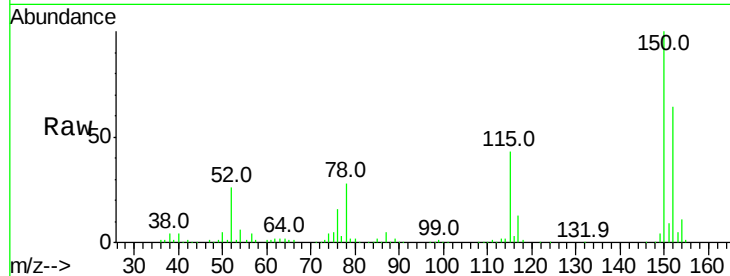


#1

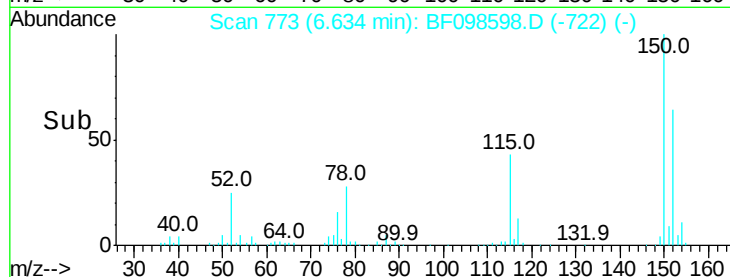
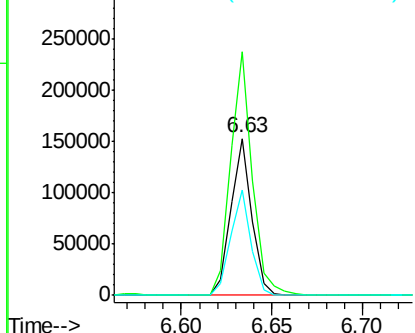
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF098598.D
Acq: 18 Sep 2017 13:22

Instrument :
BNA_F
ClientSampleId :
TR-04-091317

Tot Ion:152 Resp: 122390
Ion Ratio Lower Upper
152 100
150 155.1 126.2 189.2
115 66.9 52.2 78.2



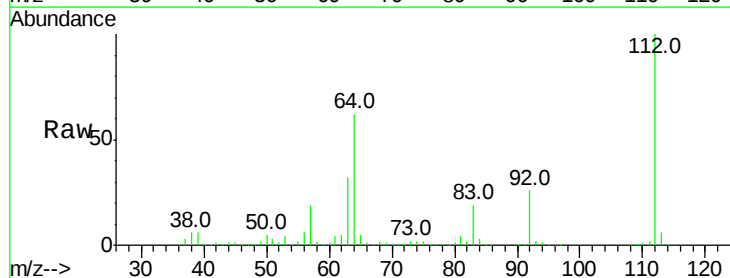
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



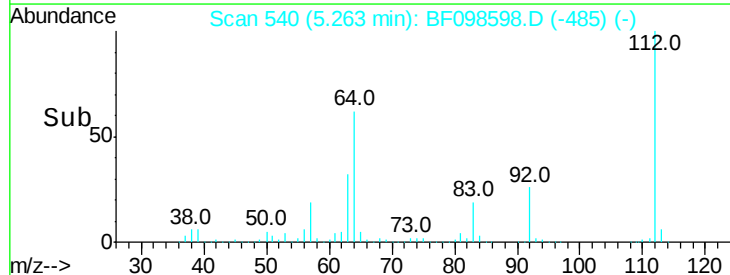
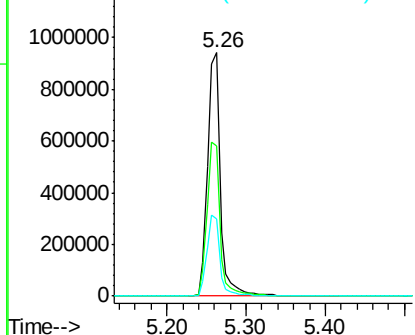
#5

2-Fluorophenol
Concen: 128.622 ng
RT: 5.26 min Scan# 540
Delta R.T. 0.02 min
Lab File: BF098598.D
Acq: 18 Sep 2017 13:22

Tgt Ion:112 Resp: 1064715
Ion Ratio Lower Upper
112 100
64 61.5 46.0 69.0
63 31.5 23.4 35.0



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: 119.517 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BF098598.D

Acq: 18 Sep 2017 13:22

Instrument :

BNA_F

ClientSampleId :

TR-04-091317

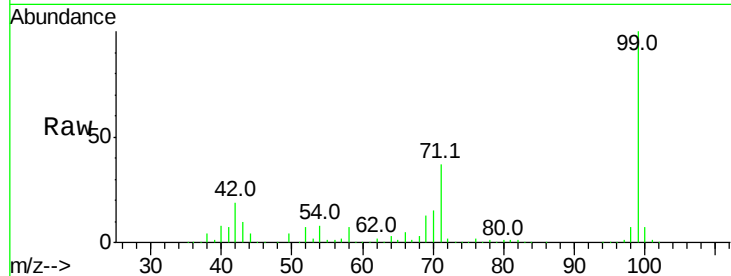
Tot Ion: 99 Resp: 1256134

Ion Ratio Lower Upper

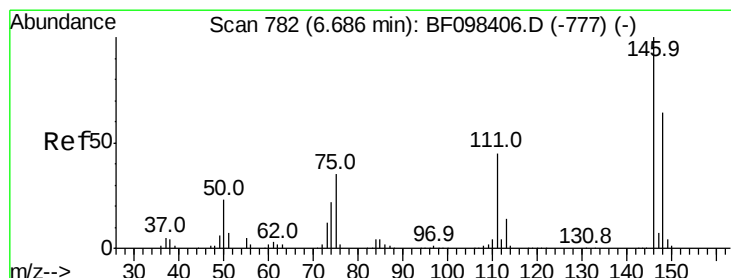
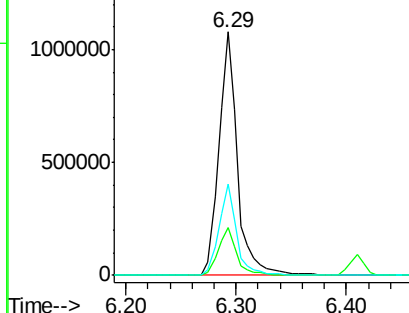
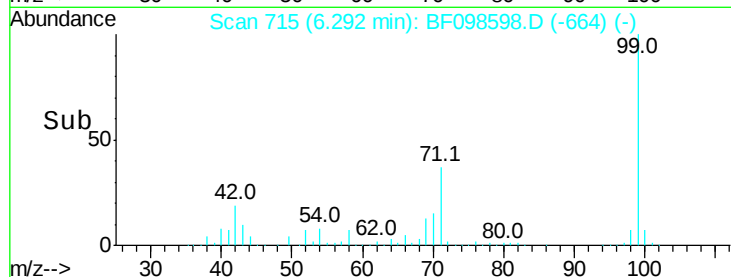
99 100

42 19.4 13.5 20.3

71 37.3 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



#13

1,4-Dichlorobenzene

Concen: 5.500 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.00 min

Lab File: BF098598.D

Acq: 18 Sep 2017 13:22

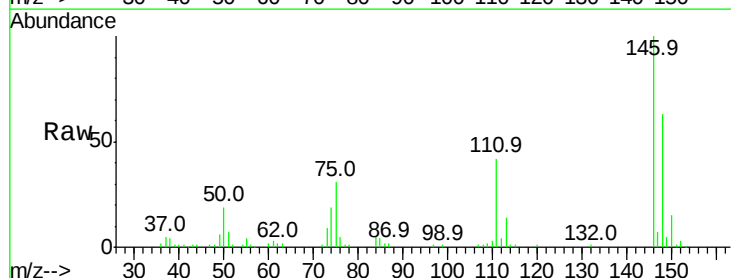
Tgt Ion: 146 Resp: 51615

Ion Ratio Lower Upper

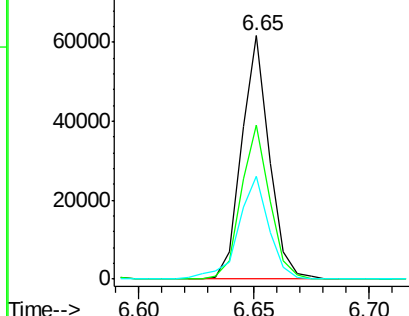
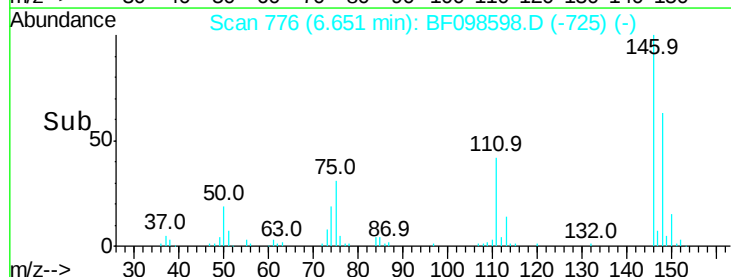
146 100

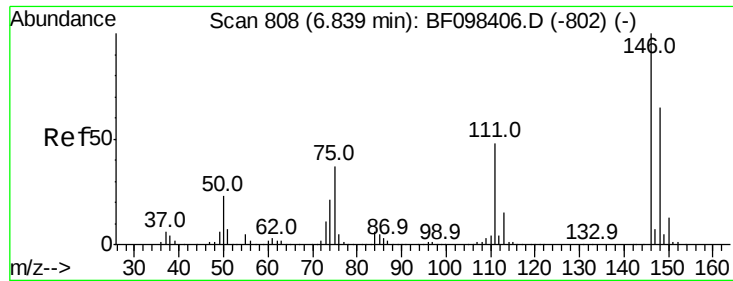
148 63.3 52.2 78.2

111 42.3 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 3.122 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF098598.D

Acq: 18 Sep 2017 13:22

Instrument :

BNA_F

ClientSampleId :

TR-04-091317

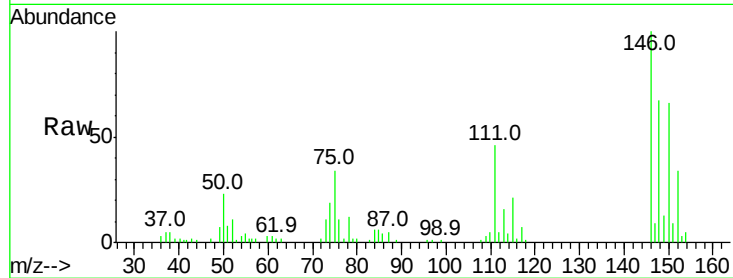
Tot Ion:146 Resp: 26695

Ion Ratio Lower Upper

146 100

148 67.5 50.4 75.6

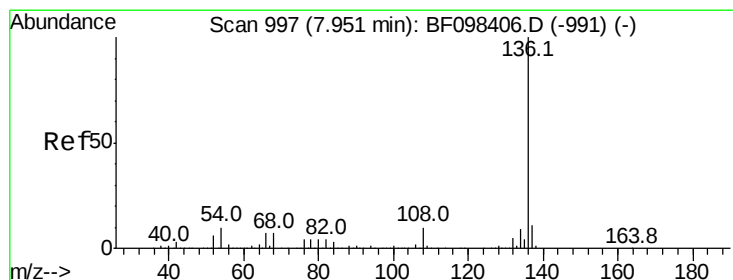
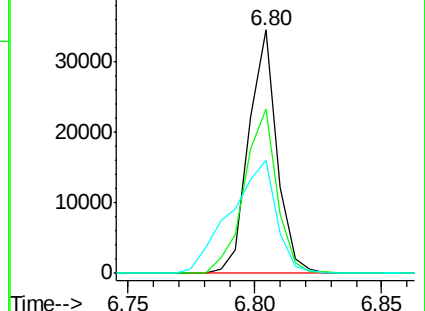
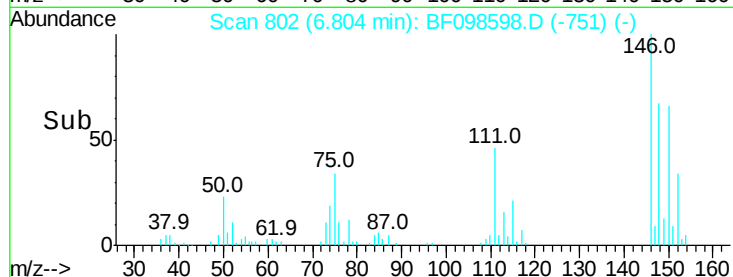
111 46.3 38.2 57.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF098598.D

Acq: 18 Sep 2017 13:22

Tgt Ion:136 Resp: 556370

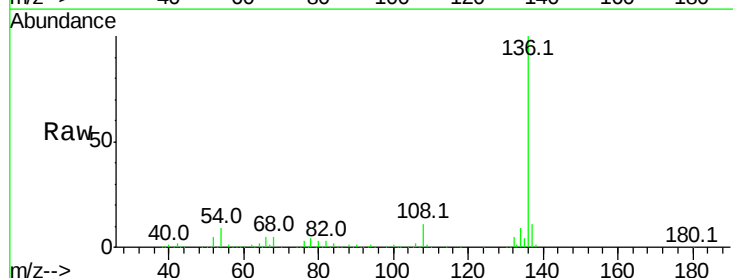
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 8.9 4.9 7.3#

68 5.5 4.1 6.1

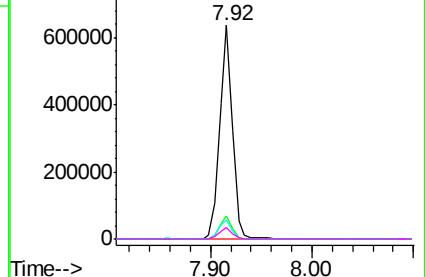
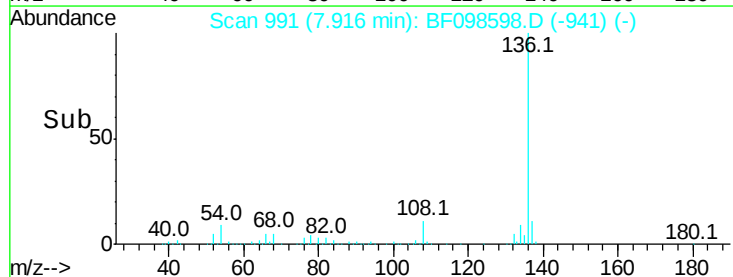


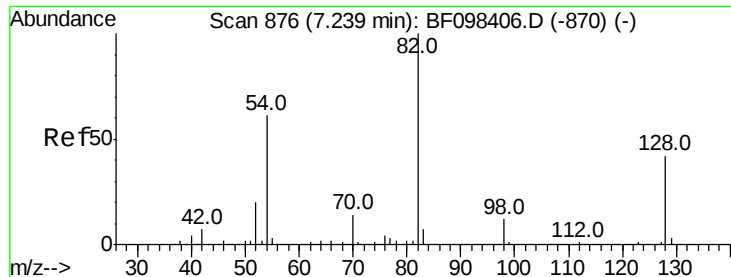
Abundance Ion 136.00 (135.70 to 136.70): E

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

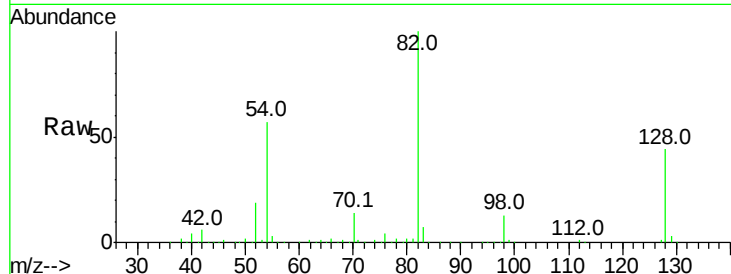




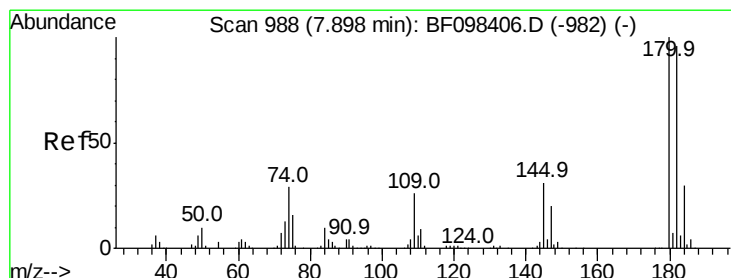
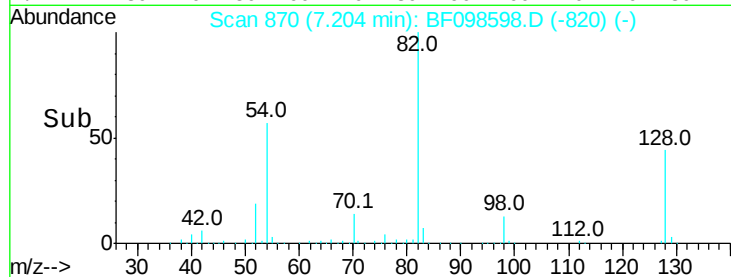
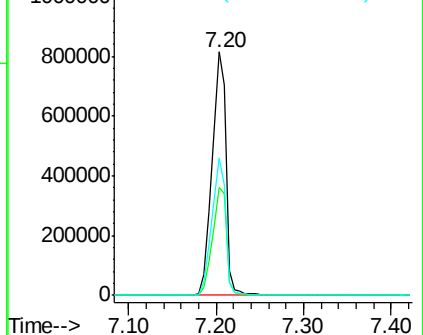
#23
 Nitrobenzene-d5
 Concen: 91.164 ng
 RT: 7.20 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: BF098598.D
 Acq: 18 Sep 2017 13:22

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-091317

Tot Ion: 82 Resp: 909799
 Ion Ratio Lower Upper
 82 100
 128 44.4 34.0 51.0
 54 56.7 42.2 63.2

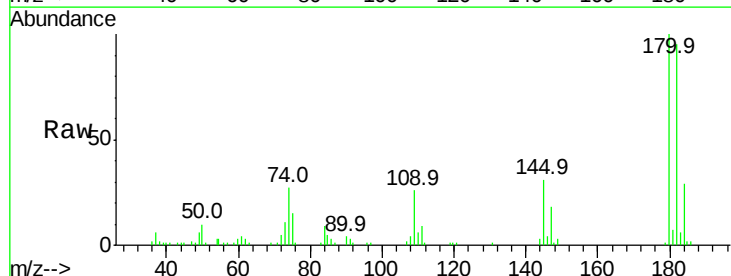


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

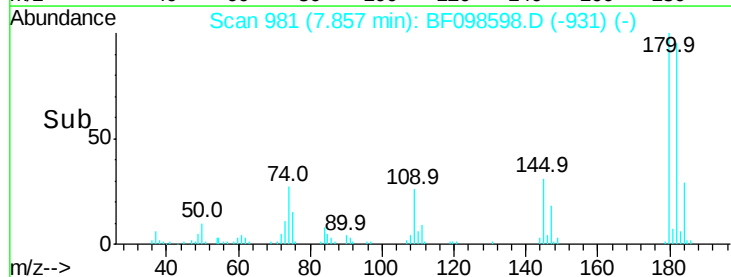
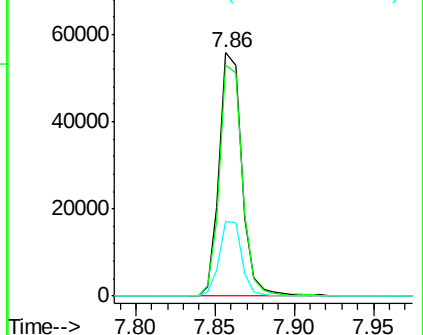


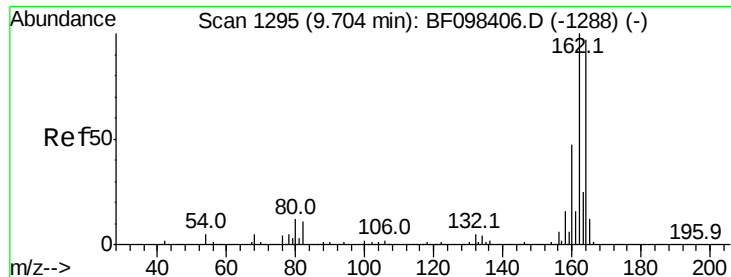
#30
 1,2,4-Trichlorobenzene
 Concen: 7.016 ng
 RT: 7.86 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: BF098598.D
 Acq: 18 Sep 2017 13:22

Tgt Ion: 180 Resp: 55540
 Ion Ratio Lower Upper
 180 100
 182 94.9 75.8 113.6
 145 30.7 25.3 37.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF098598.D

Acq: 18 Sep 2017 13:22

Instrument :

BNA_F

ClientSampleId :

TR-04-091317

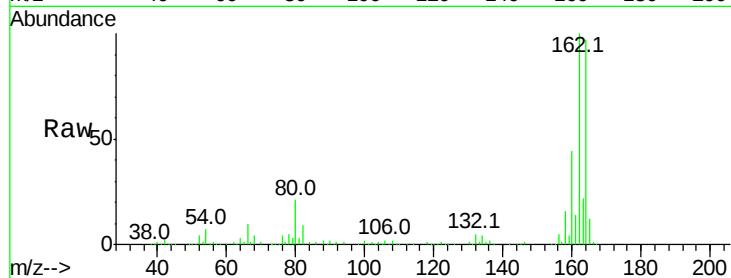
Tot Ion:164 Resp: 267218

Ion Ratio Lower Upper

164 100

162 103.1 82.6 123.8

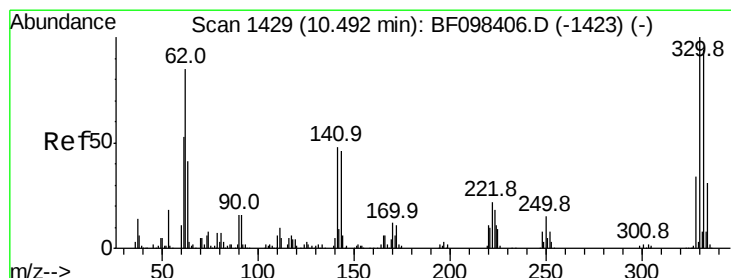
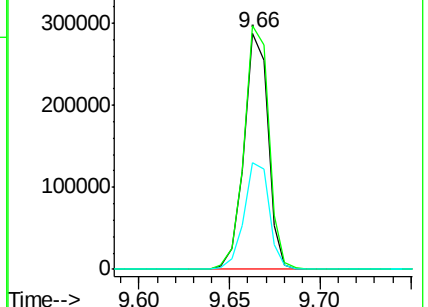
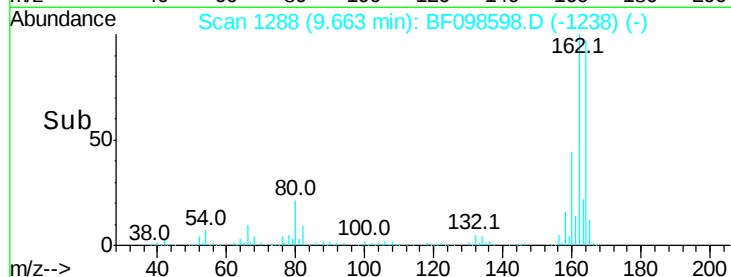
160 45.0 36.2 54.2



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: 195.508 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.00 min

Lab File: BF098598.D

Acq: 18 Sep 2017 13:22

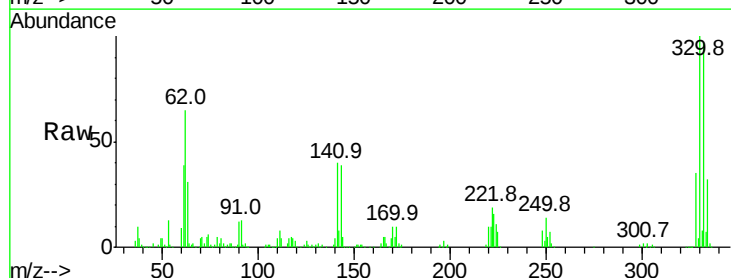
Tgt Ion:330 Resp: 348682

Ion Ratio Lower Upper

330 100

332 98.3 76.6 115.0

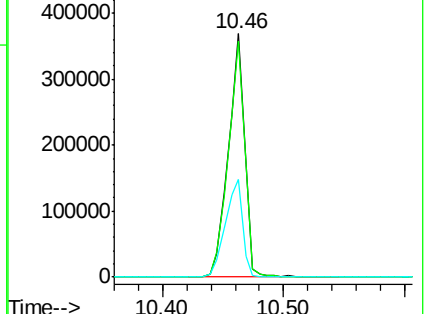
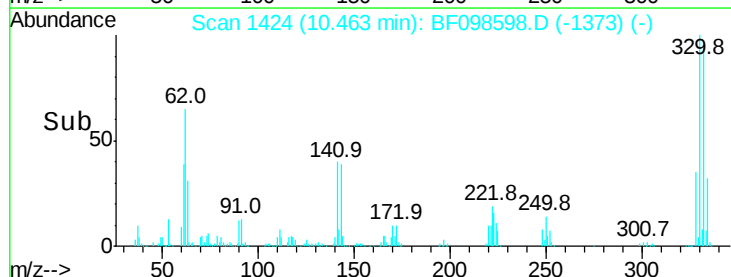
141 42.5 31.4 47.2

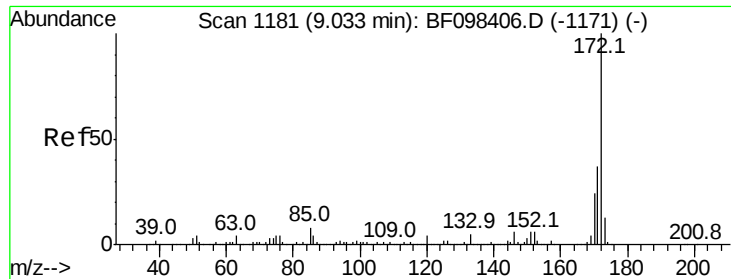


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

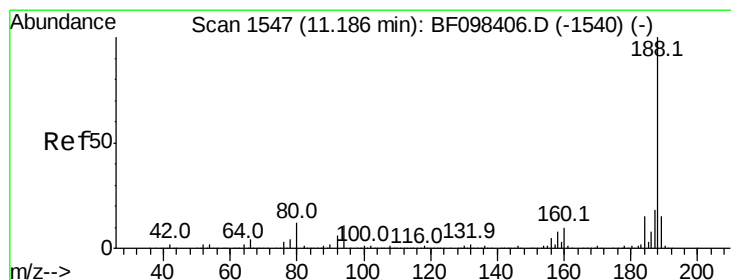
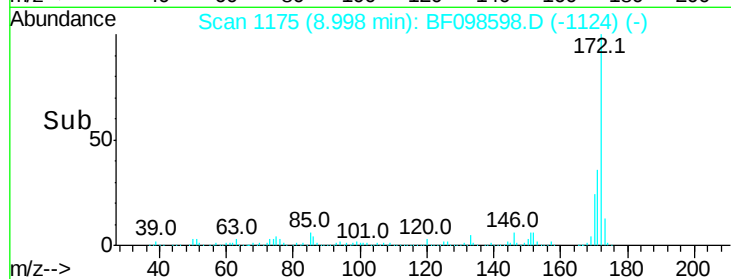
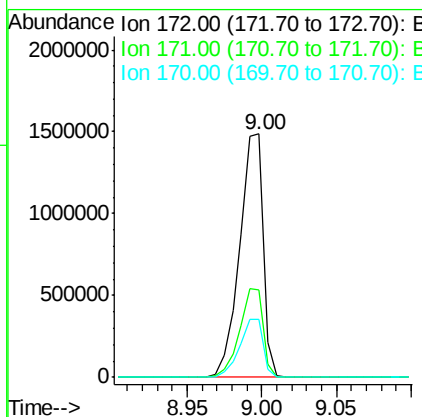
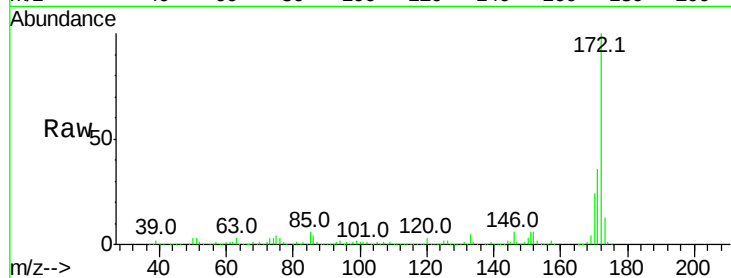




#44
 2-Fluorobiphenyl
 Concen: 103.781 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BF098598.D
 Acq: 18 Sep 2017 13:22

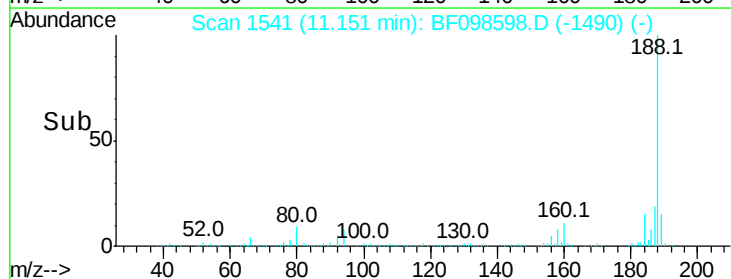
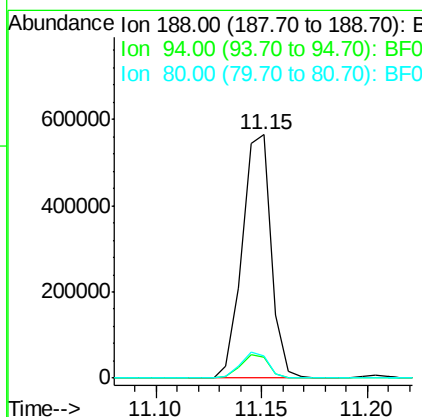
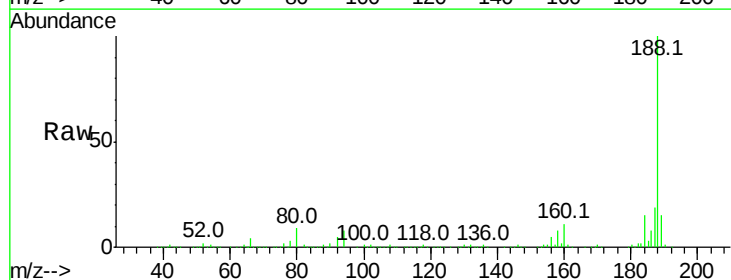
Instrument :
 BNA_F
 ClientSampleId :
 TR-04-091317

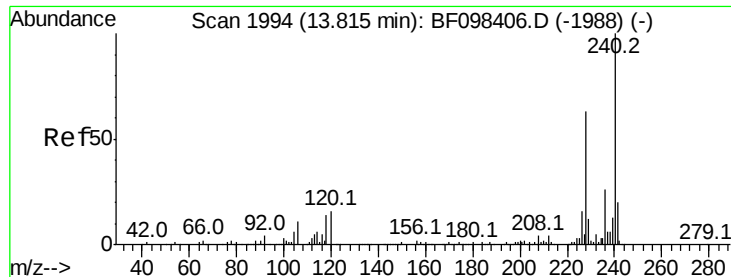
Tot Ion:172 Resp: 1636202
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 24.0 19.8 29.8



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. -0.00 min
 Lab File: BF098598.D
 Acq: 18 Sep 2017 13:22

Tgt Ion:188 Resp: 535904
 Ion Ratio Lower Upper
 188 100
 94 8.4 9.4 14.2#
 80 9.1 10.2 15.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.78 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BF098598.D

Acq: 18 Sep 2017 13:22

Instrument :

BNA_F

ClientSampleId :

TR-04-091317

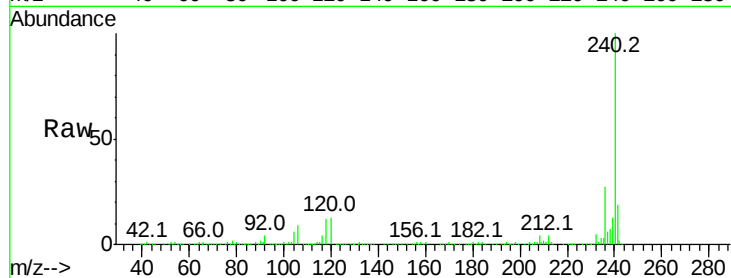
Tot Ion:240 Resp: 390286

Ion Ratio Lower Upper

240 100

120 12.7 5.8 8.8#

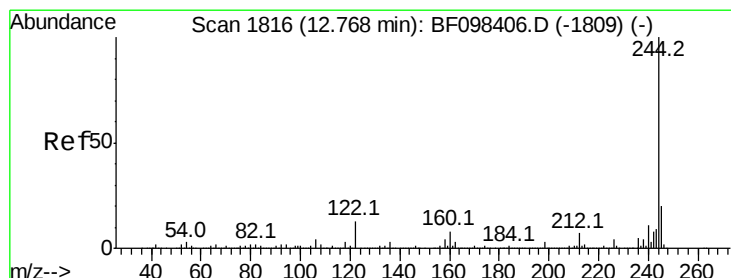
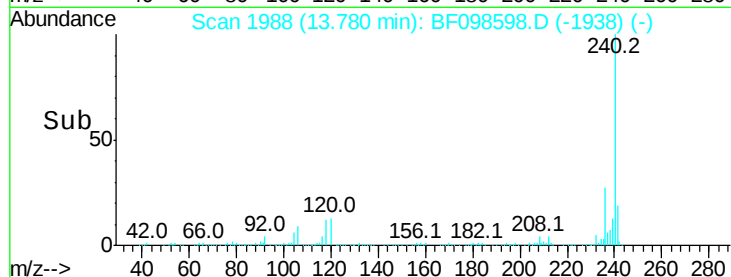
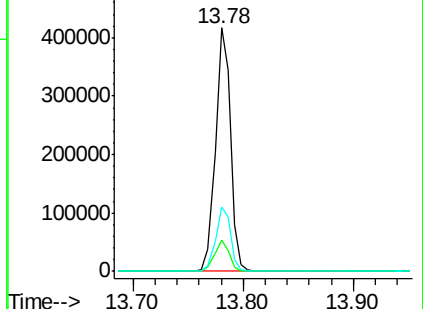
236 26.5 20.5 30.7



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: 94.156 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF098598.D

Acq: 18 Sep 2017 13:22

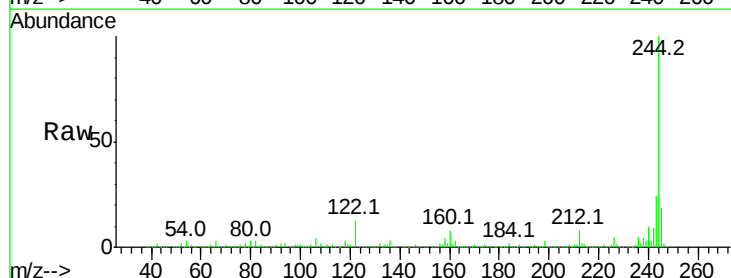
Tgt Ion:244 Resp: 1702503

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

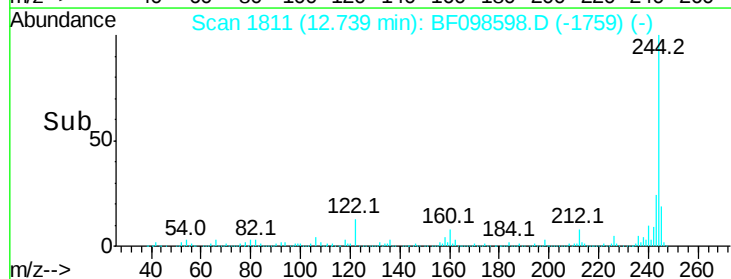
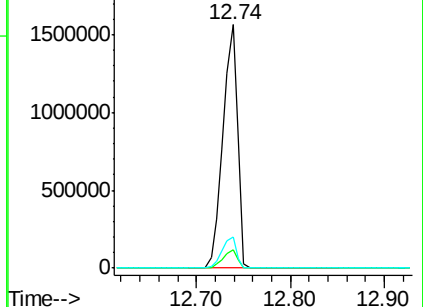
122 13.0 10.3 15.5

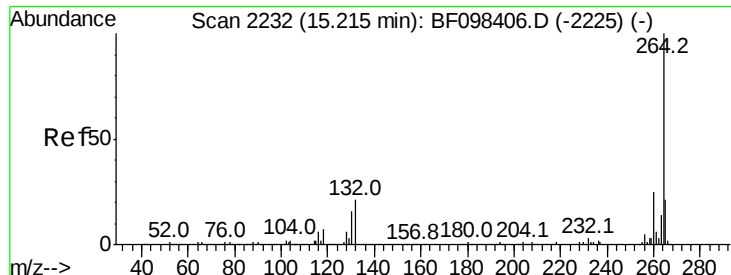


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

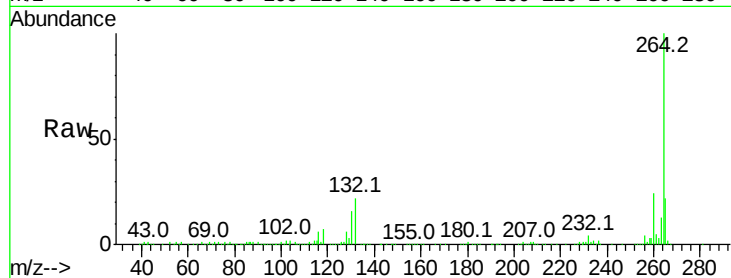




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BF098598.D
Acq: 18 Sep 2017 13:22

Instrument :
BNA_F
ClientSampleId :
TR-04-091317

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.8	17.2	25.8



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

