

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
 Data File : BF099319.D
 Acq On : 11 Oct 2017 00:12
 Operator : SJ/JU
 Sample : I5691-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 11 00:54:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

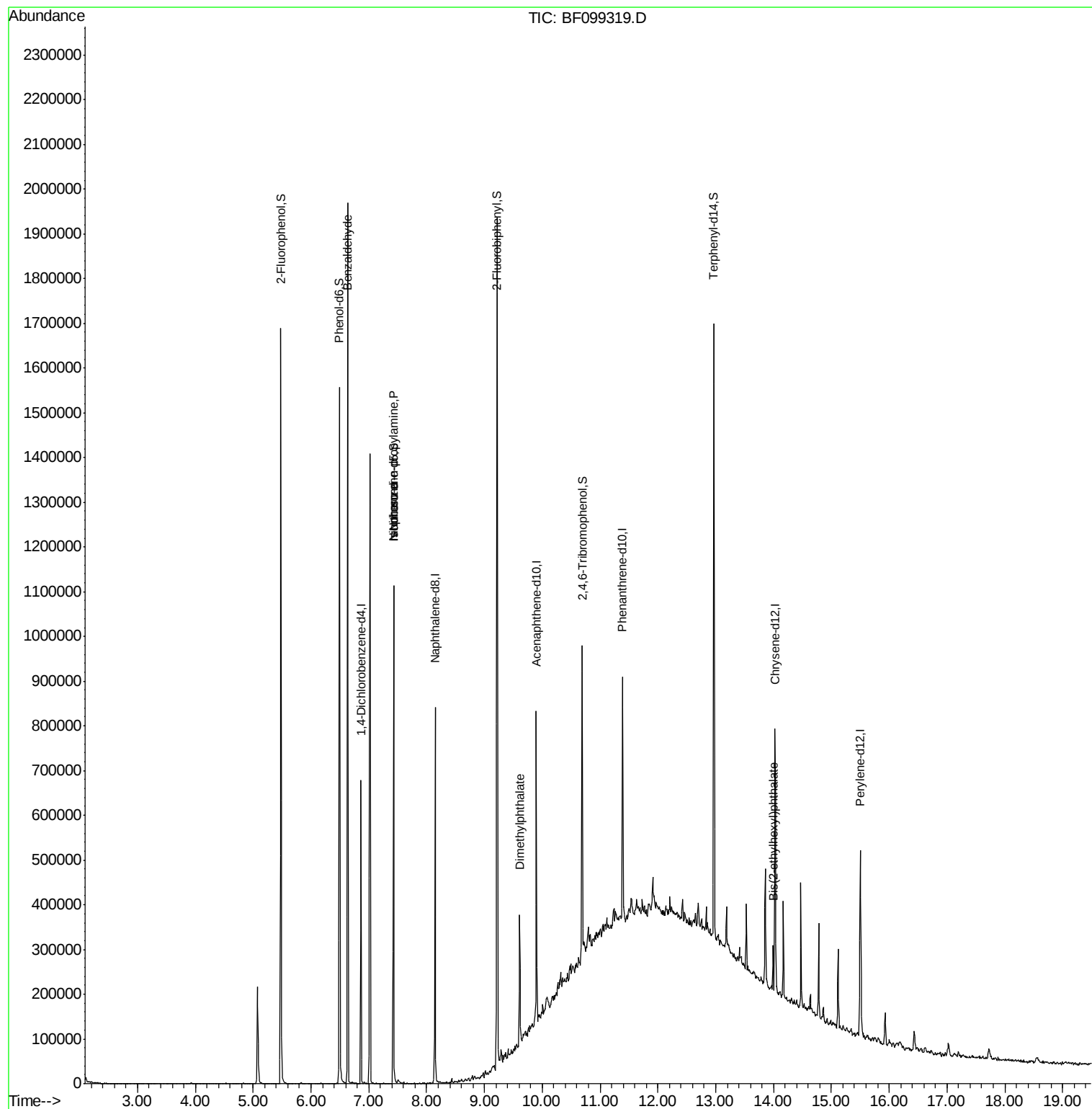
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	93153	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	356246	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	135445	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	198586	20.00	ng	0.00
75) Chrysene-d12	14.03	240	190872	20.00	ng	0.00
86) Perylene-d12	15.50	264	148312	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	501887	85.77	ng	0.00
7) Phenol-d6	6.49	99	601094	83.27	ng	0.00
23) Nitrobenzene-d5	7.43	82	339023	61.03	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	93010	83.92	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	638509	78.70	ng	-0.01
78) Terphenyl-d14	12.97	244	464405	55.33	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	9946	2.38	ng	Qvalue 83
19) n-Nitroso-di-n-propylamine	7.43	70	42509	9.22	ng	# 74
25) Isophorone	7.43	82	339020	29.52	ng	# 64
49) Dimethylphthalate	9.61	163	111776	10.93	ng	100
83) Bis(2-ethylhexyl)phthalate	13.99	149	29496	3.13	ng	97

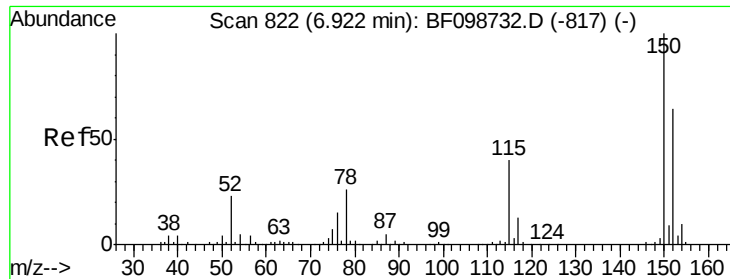
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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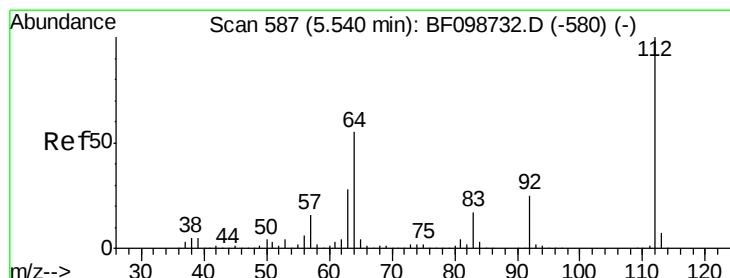
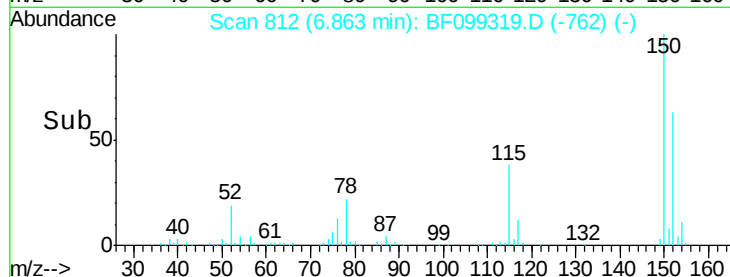
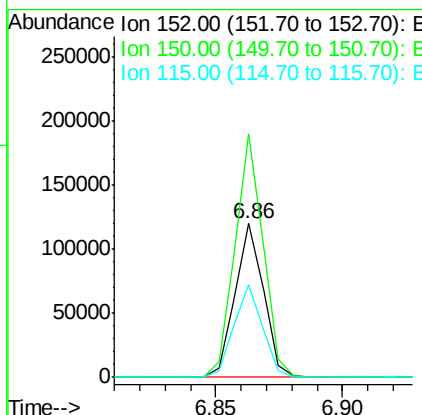
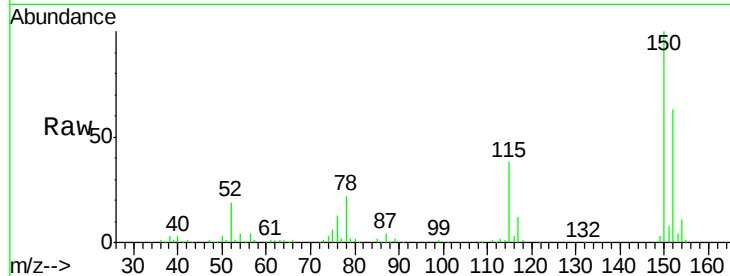




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099319.D
 Acq: 11 Oct 2017 00:12

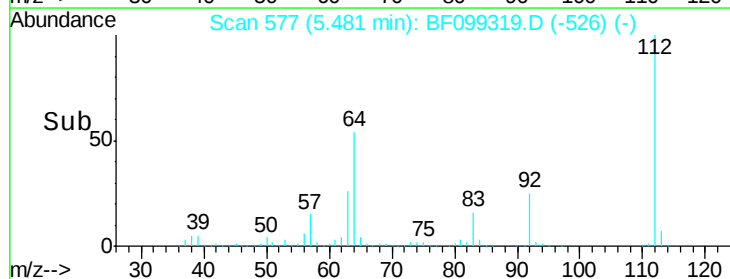
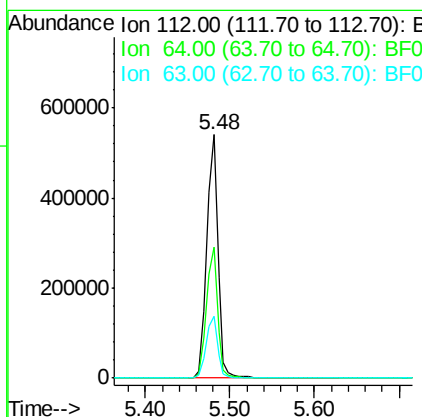
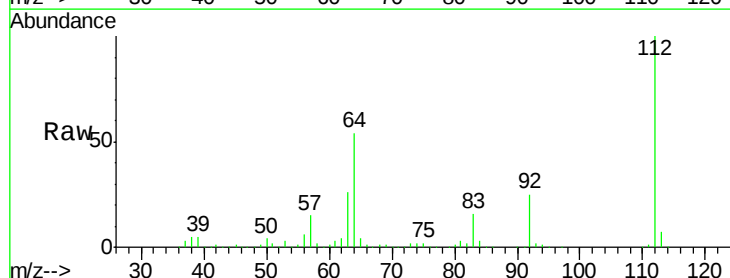
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 93153
 Ion Ratio Lower Upper
 152 100
 150 158.6 124.6 186.8
 115 60.6 50.1 75.1



#5
 2-Fluorophenol
 Concen: 85.77 ng
 RT: 5.48 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: BF099319.D
 Acq: 11 Oct 2017 00:12

Tgt Ion:112 Resp: 501887
 Ion Ratio Lower Upper
 112 100
 64 53.7 47.9 71.9
 63 25.6 23.7 35.5





#7

Phenol-d6

Concen: 83.27 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099319.D

Acq: 11 Oct 2017 00:12

Instrument :

BNA_F

ClientSampleId :

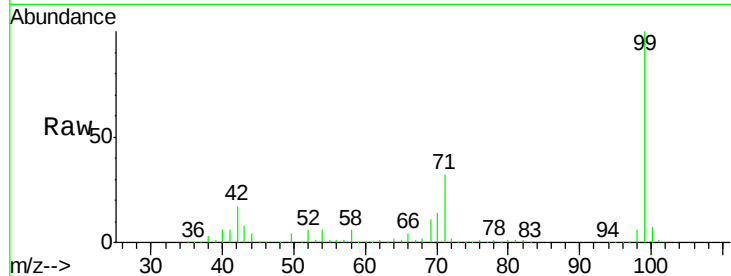
Tot Ion: 99 Resp: 601094

Ion Ratio Lower Upper

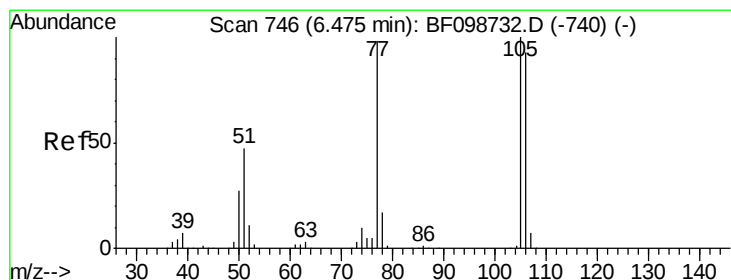
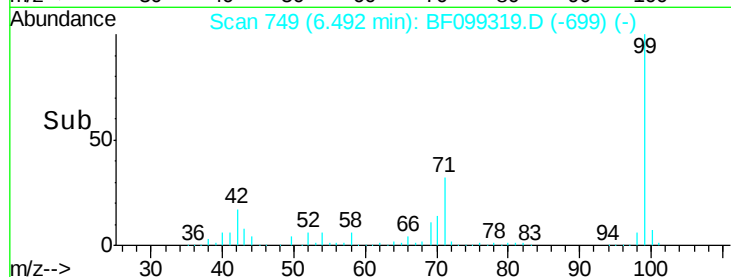
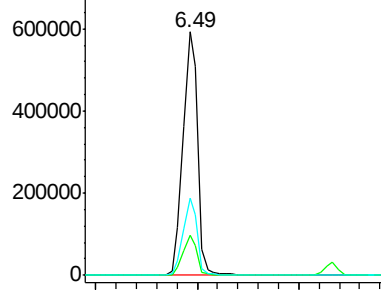
99 100

42 16.6 14.5 21.7

71 31.6 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



#9

Benzaldehyde

Concen: 2.38 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.21 min

Lab File: BF099319.D

Acq: 11 Oct 2017 00:12

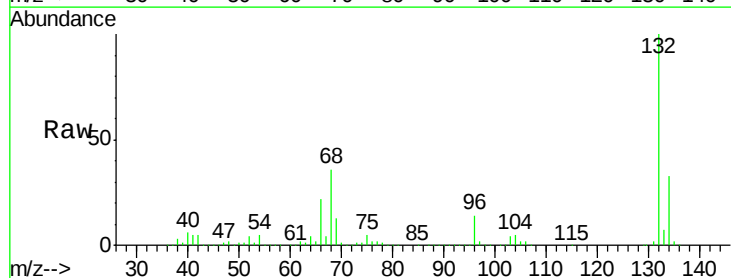
Tgt Ion: 77 Resp: 9946

Ion Ratio Lower Upper

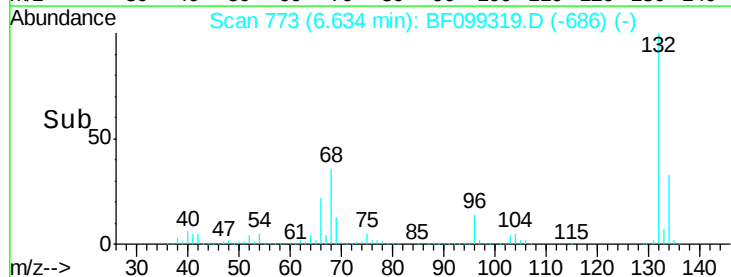
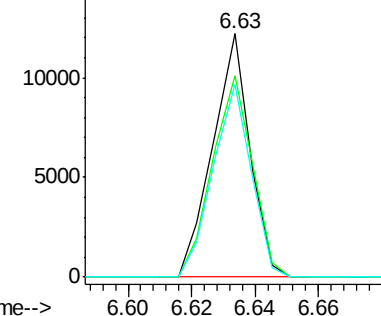
77 100

105 82.8 81.1 121.1

106 79.0 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 9.22 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.14 min

Lab File: BF099319.D

Acq: 11 Oct 2017 00:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 42509

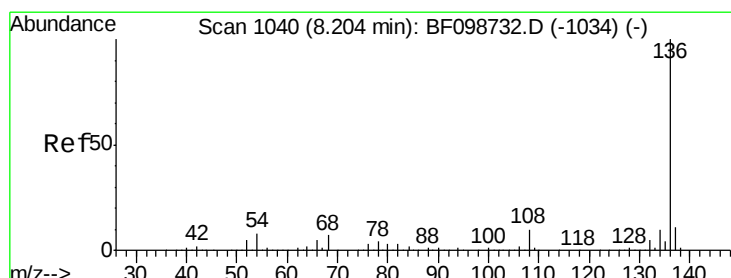
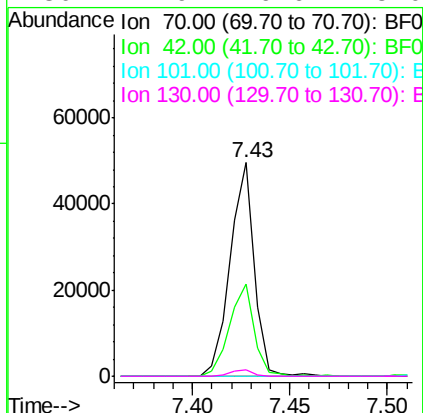
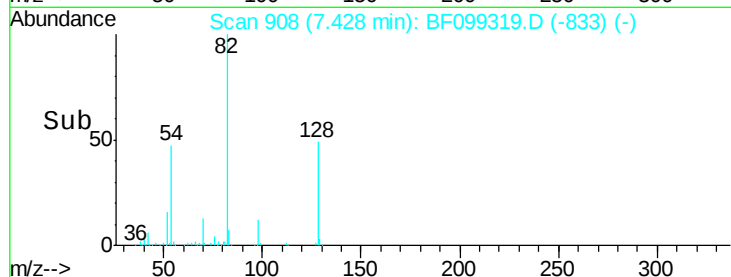
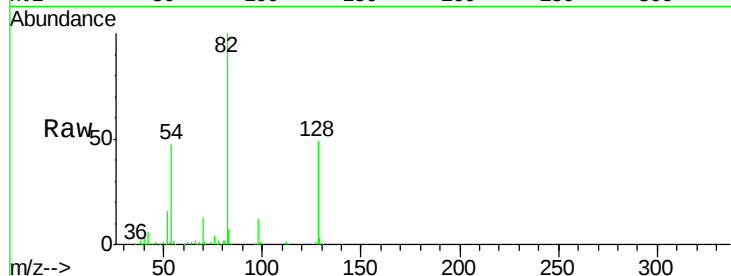
Ion Ratio Lower Upper

70 100

42 43.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.9 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF099319.D

Acq: 11 Oct 2017 00:12

Tgt Ion: 136 Resp: 356246

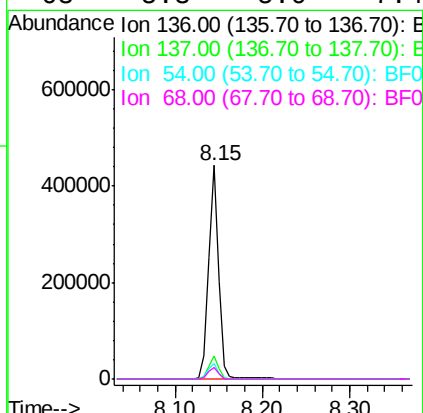
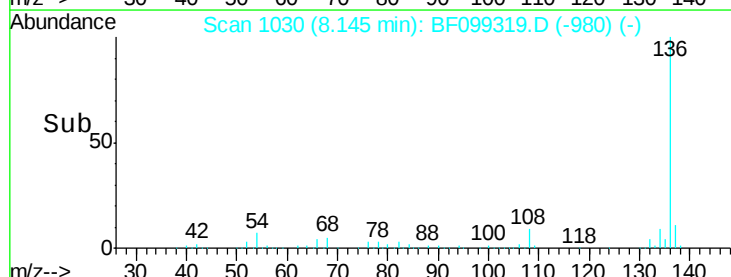
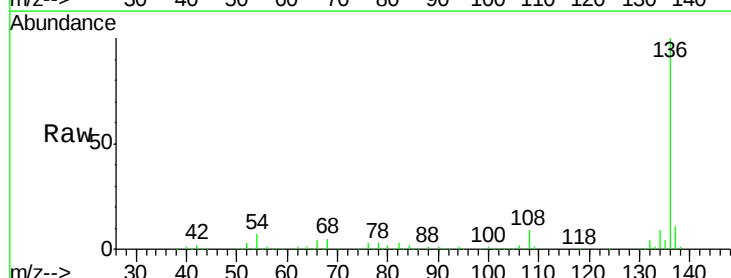
Ion Ratio Lower Upper

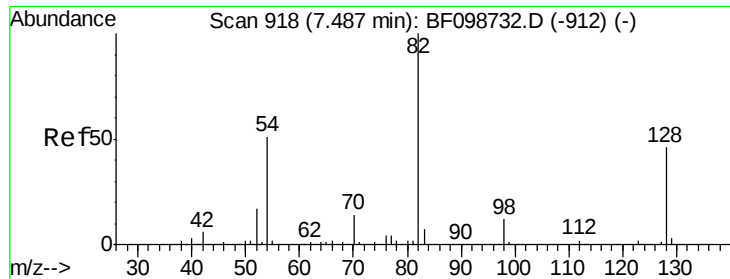
136 100

137 10.8 8.9 13.3

54 7.1 6.6 9.8

68 5.3 5.0 7.4

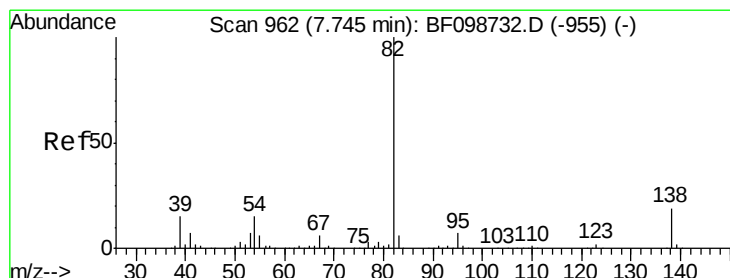
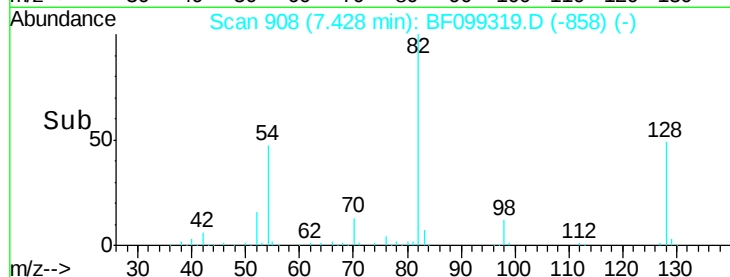
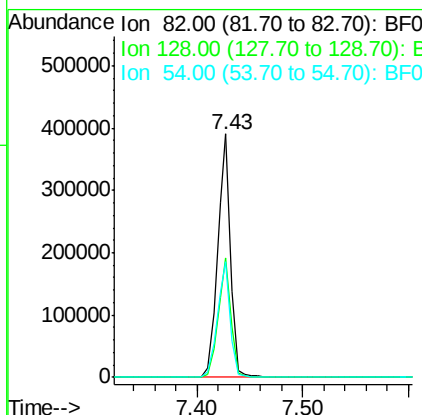
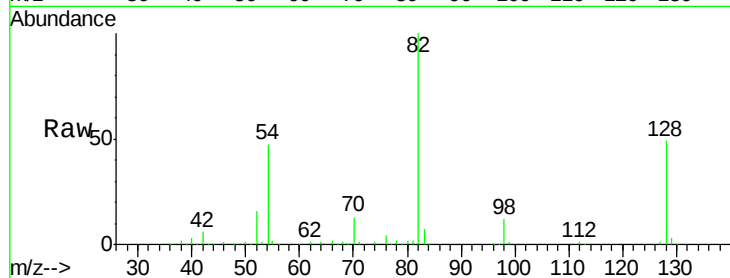




#23
 Nitrobenzene-d5
 Concen: 61.03 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099319.D
 Acq: 11 Oct 2017 00:12

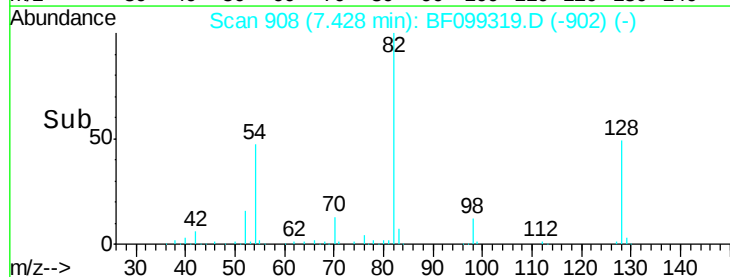
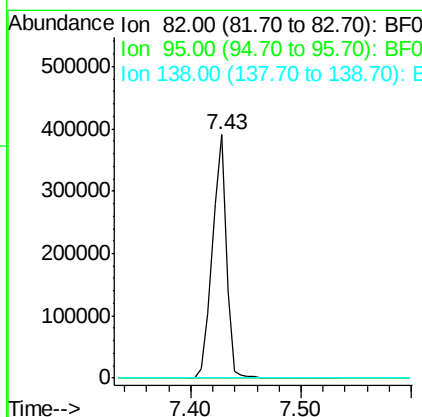
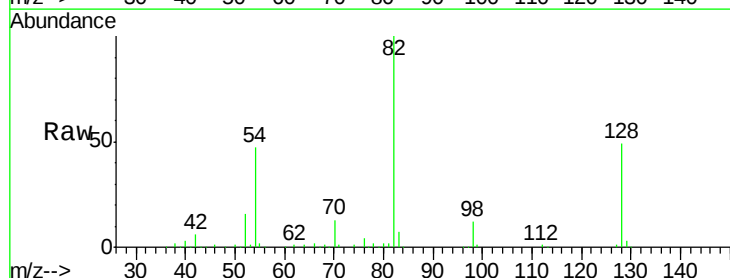
Instrument :
 BNA_F
 ClientSampled :

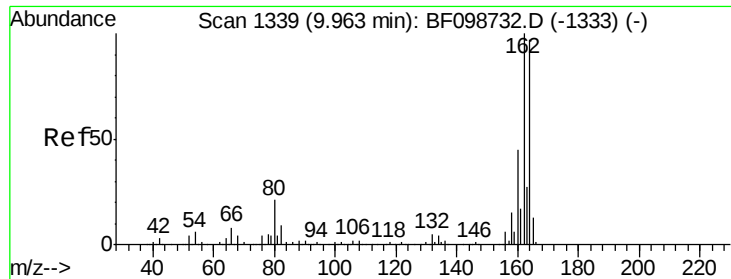
Tot Ion: 82 Resp: 339023
 Ion Ratio Lower Upper
 82 100
 128 49.1 36.1 54.1
 54 47.3 41.4 62.2



#25
 Isophorone
 Concen: 29.52 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.26 min
 Lab File: BF099319.D
 Acq: 11 Oct 2017 00:12

Tgt Ion: 82 Resp: 339020
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#

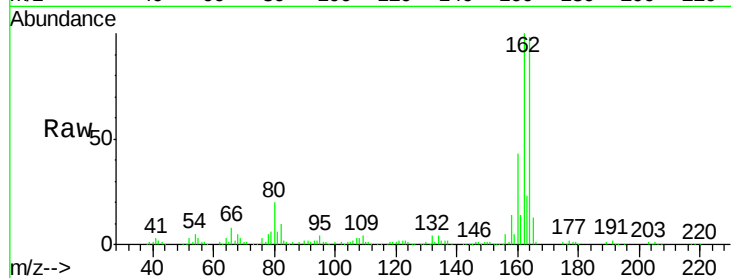




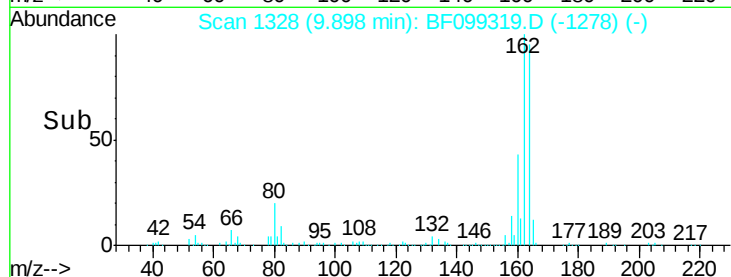
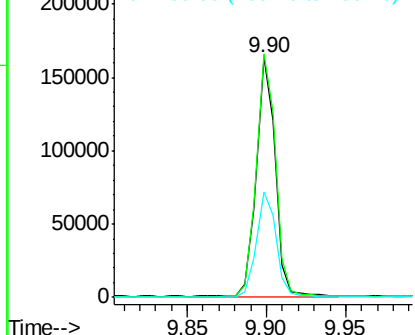
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099319.D
Acq: 11 Oct 2017 00:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 135445
Ion Ratio Lower Upper
164 100
162 101.6 86.1 129.1
160 43.9 38.3 57.5

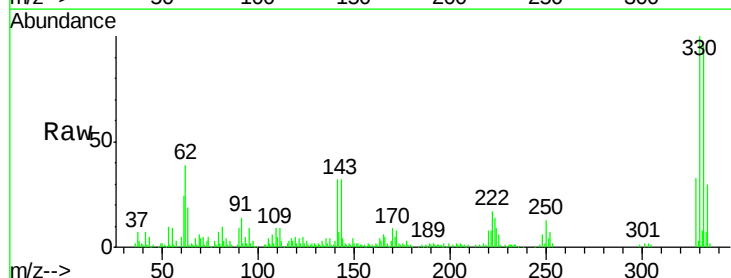


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

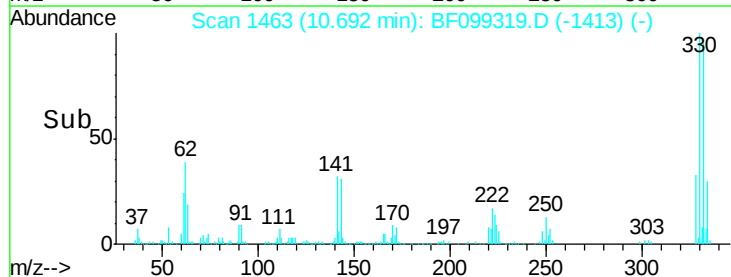
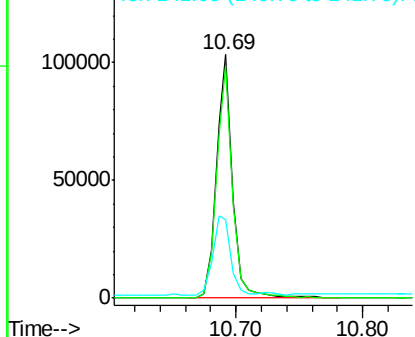


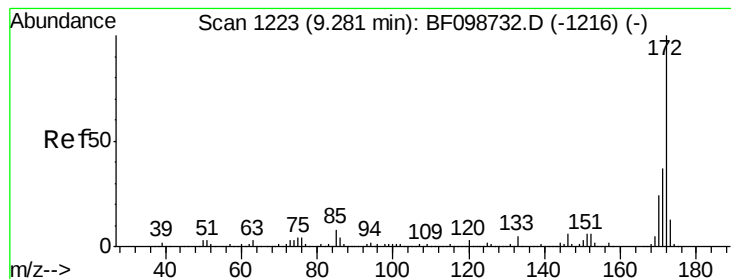
#41
2,4,6-Tribromophenol
Concen: 83.92 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF099319.D
Acq: 11 Oct 2017 00:12

Tgt Ion:330 Resp: 93010
Ion Ratio Lower Upper
330 100
332 94.3 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

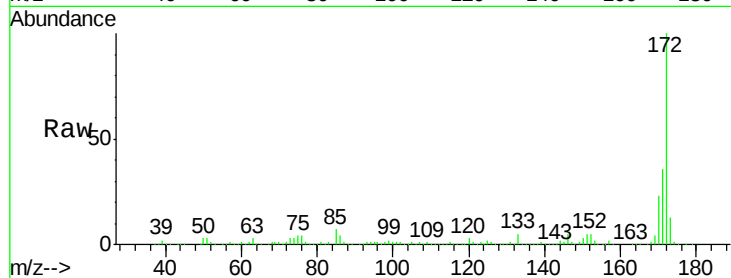




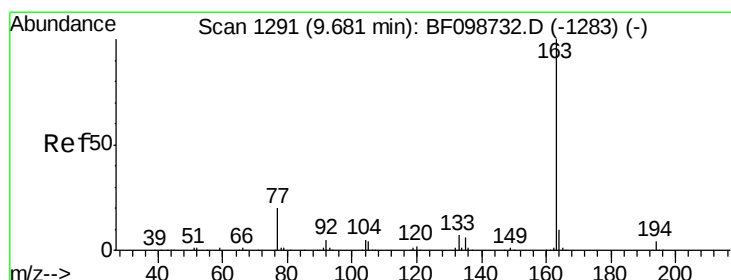
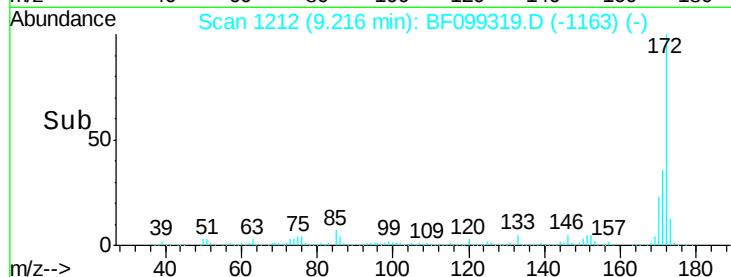
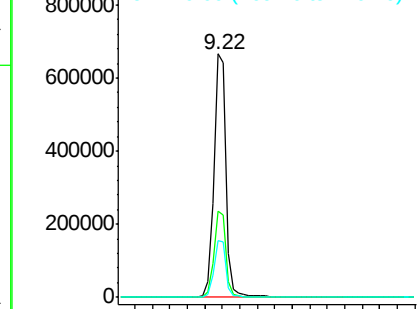
#44
2-Fluorobiphenyl
Concen: 78.70 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF099319.D
Acq: 11 Oct 2017 00:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 638509
Ion Ratio Lower Upper
172 100
171 35.5 29.7 44.5
170 23.1 19.6 29.4

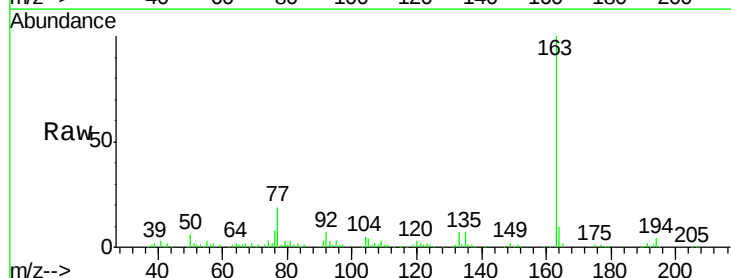


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

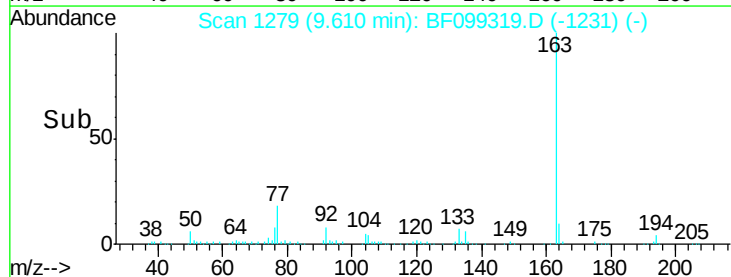
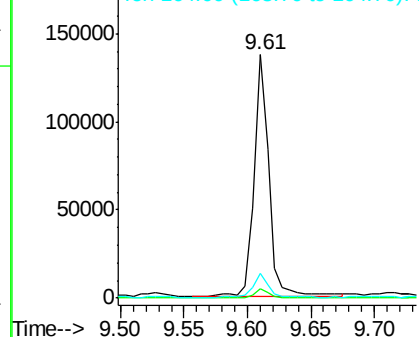


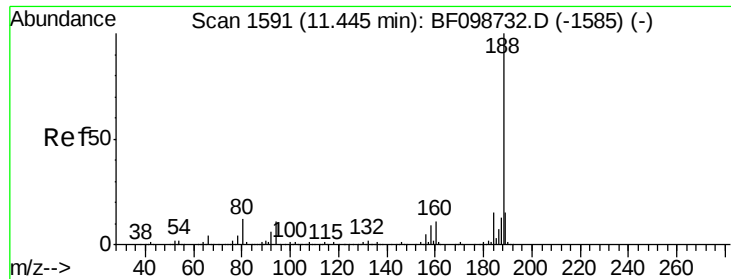
#49
Dimethylphthalate
Concen: 10.93 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF099319.D
Acq: 11 Oct 2017 00:12

Tgt Ion:163 Resp: 111776
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.3 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

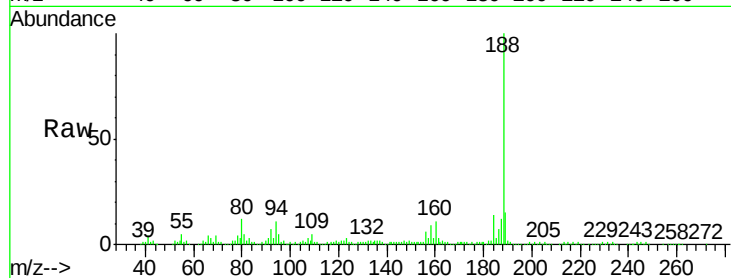




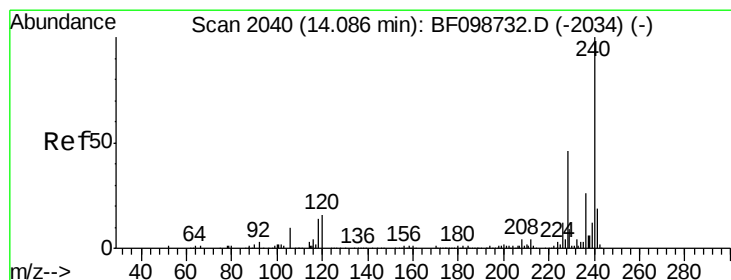
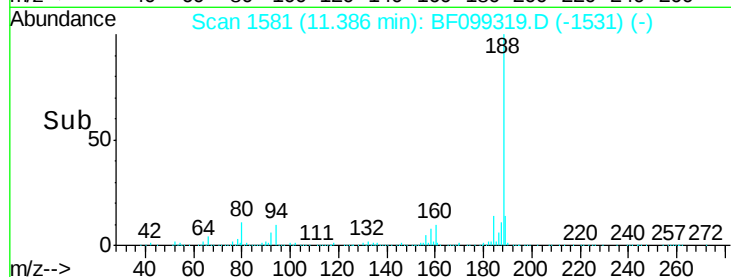
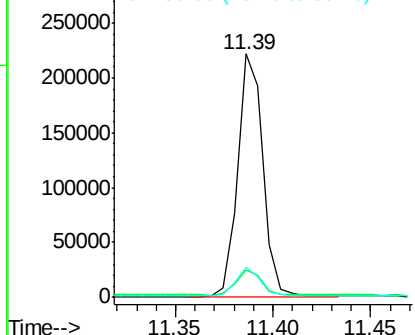
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099319.D
Acq: 11 Oct 2017 00:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 198586
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 12.1 9.2 13.8

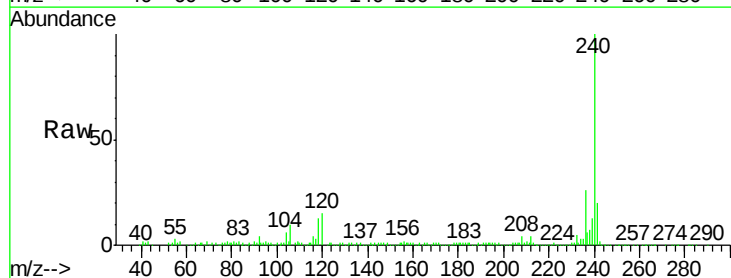


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

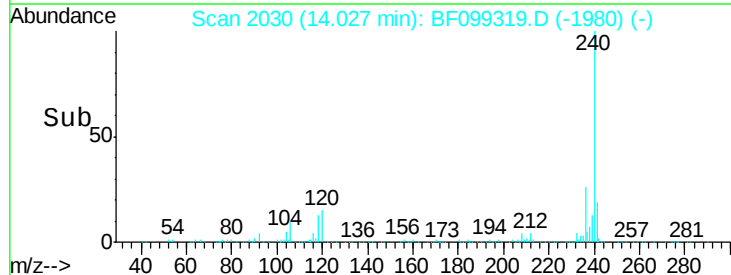
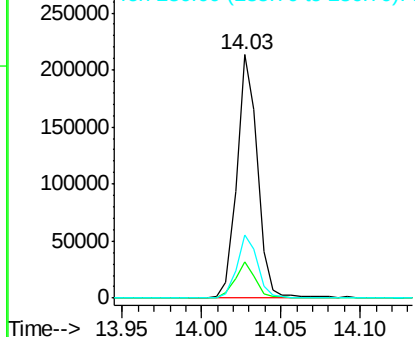


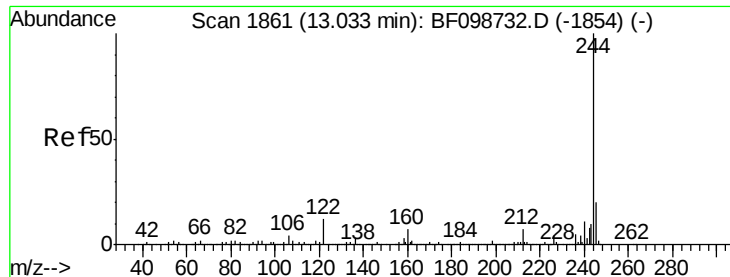
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF099319.D
Acq: 11 Oct 2017 00:12

Tgt Ion:240 Resp: 190872
Ion Ratio Lower Upper
240 100
120 15.0 9.5 14.3#
236 25.9 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: 55.33 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF099319.D

Acq: 11 Oct 2017 00:12

Instrument :

BNA_F

ClientSampleId :

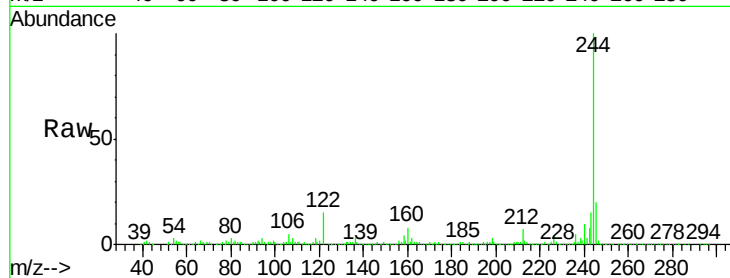
Tot Ion:244 Resp: 464405

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

122 15.0 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

12.97

600000

500000

400000

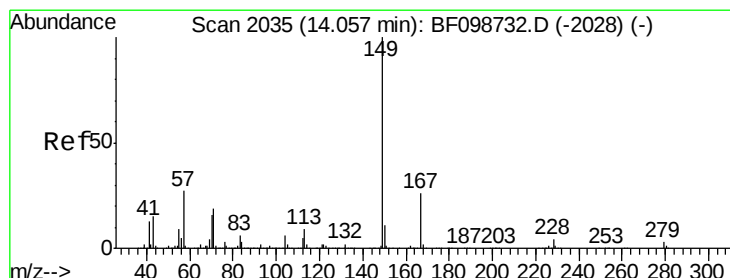
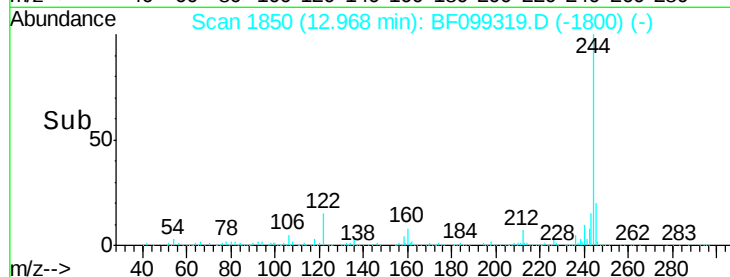
300000

200000

100000

0

Time-->



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.13 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF099319.D

Acq: 11 Oct 2017 00:12

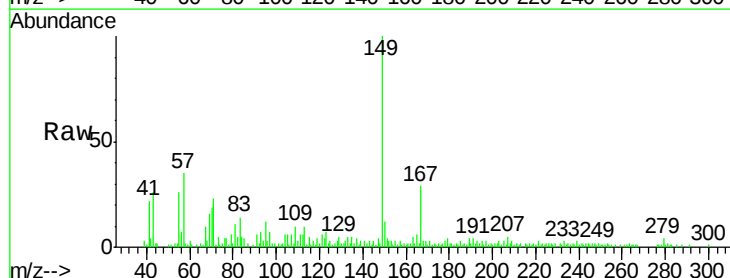
Tgt Ion:149 Resp: 29496

Ion Ratio Lower Upper

149 100

167 28.5 21.3 31.9

279 4.0 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

13.99

50000

40000

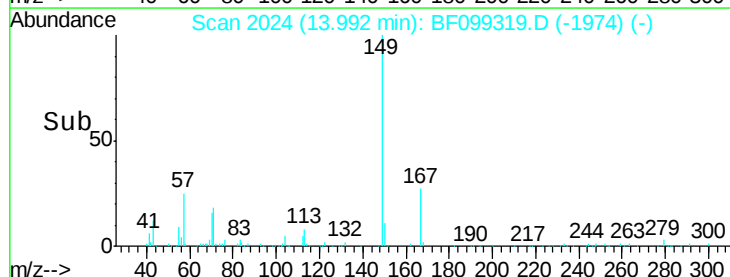
30000

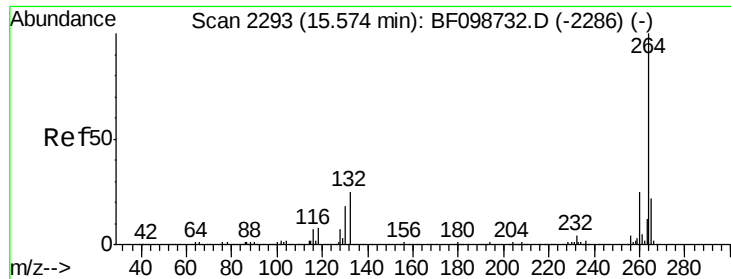
20000

10000

0

Time-->

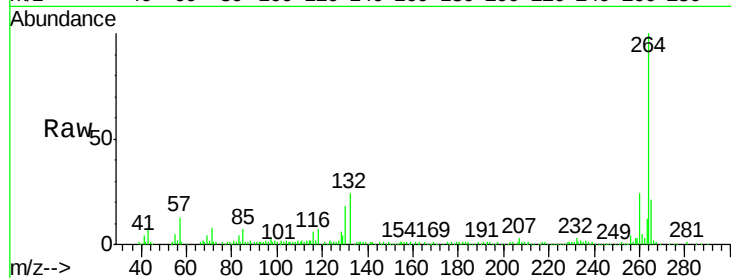




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BF099319.D
 Acq: 11 Oct 2017 00:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.2	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

