

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
 Data File : BF101735.D
 Acq On : 27 Dec 2017 1:07
 Operator : SJ/JU
 Sample : I6957-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-WW

Quant Time: Dec 27 06:45:55 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

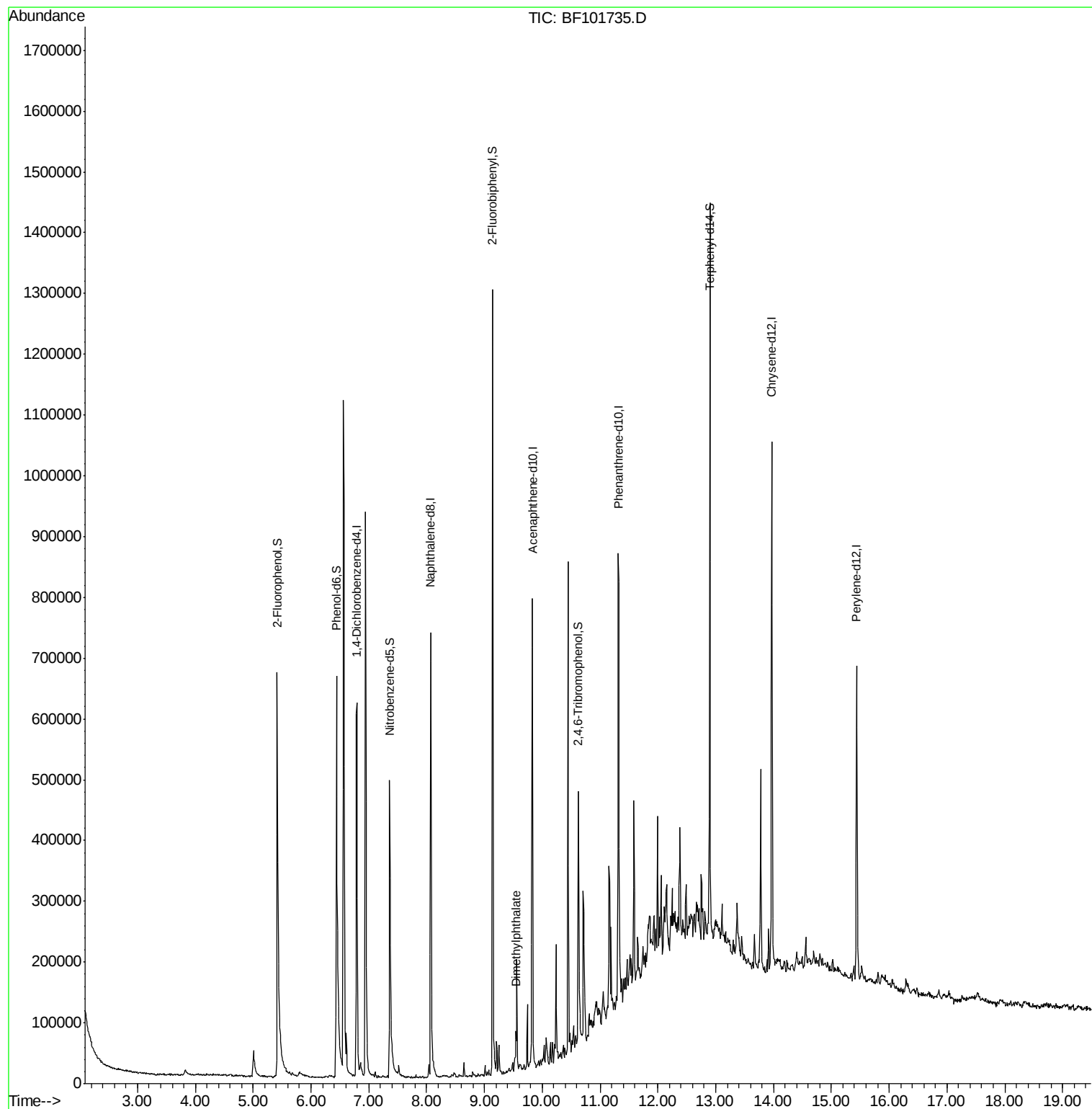
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	114427	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	413769	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	160386	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	291837	20.00	ng	0.00
75) Chrysene-d12	13.97	240	297871	20.00	ng	0.00
86) Perylene-d12	15.44	264	274031	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	350876	45.68	ng	0.01
7) Phenol-d6	6.44	99	421969	44.14	ng	0.00
23) Nitrobenzene-d5	7.36	82	250847	33.75	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	66014	42.72	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	453684	43.88	ng	0.00
78) Terphenyl-d14	12.90	244	398901	32.28	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.55	163	30965	2.400	ng	Qvalue 98

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

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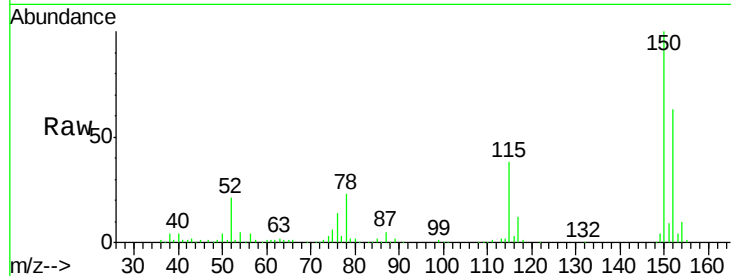




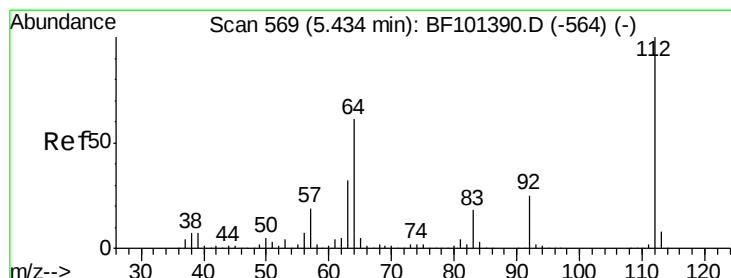
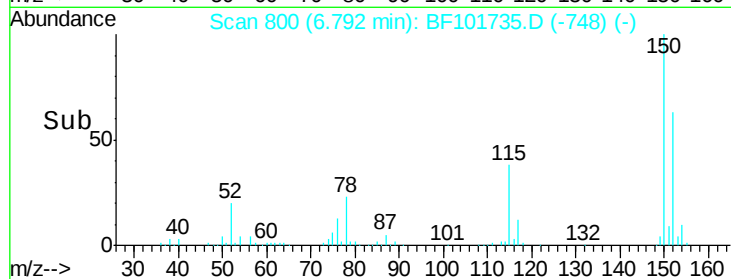
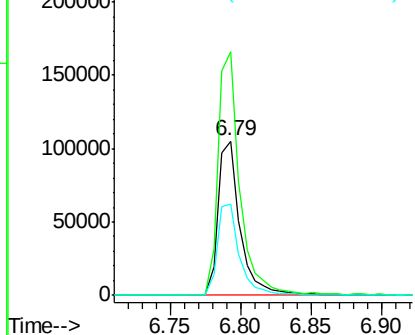
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.01 min
 Lab File: BF101735.D
 Acq: 27 Dec 2017 1:07

Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-WW

Tgt Ion:152 Resp: 114427
 Ion Ratio Lower Upper
 152 100
 150 157.6 124.6 186.8
 115 59.5 50.1 75.1

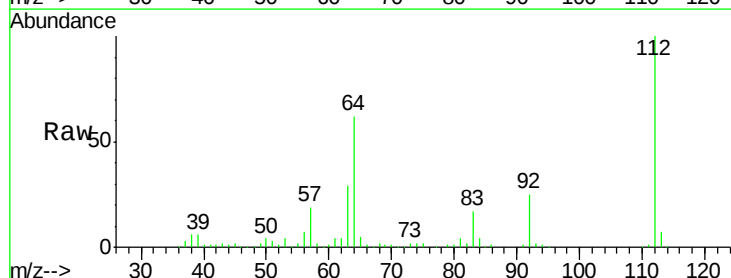


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

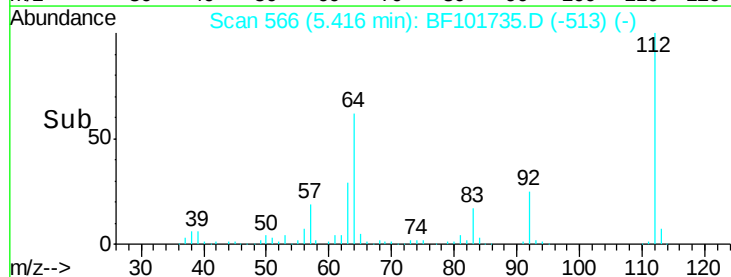
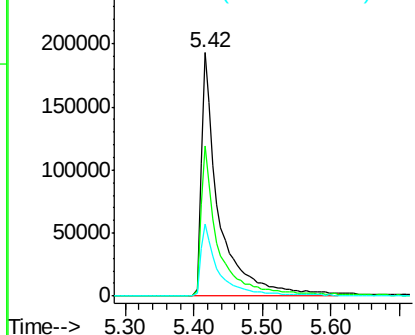


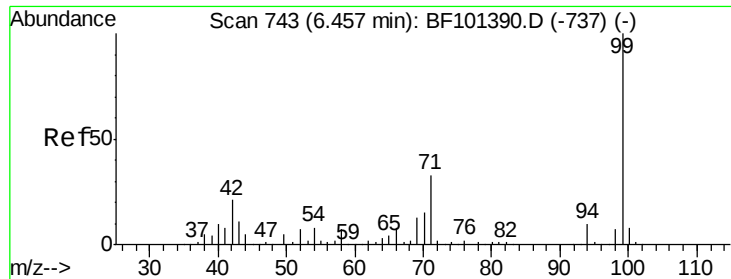
#5
 2-Fluorophenol
 Concen: 45.676 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: BF101735.D
 Acq: 27 Dec 2017 1:07

Tgt Ion:112 Resp: 350876
 Ion Ratio Lower Upper
 112 100
 64 61.9 47.9 71.9
 63 29.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 44.137 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF101735.D

Acq: 27 Dec 2017 1:07

Instrument :

BNA_F

ClientSampleId :

HALSTED-WW

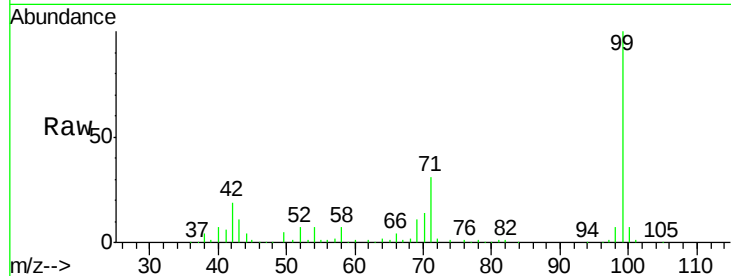
Tgt Ion: 99 Resp: 421969

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

71 31.0 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1

300000

250000

200000

150000

100000

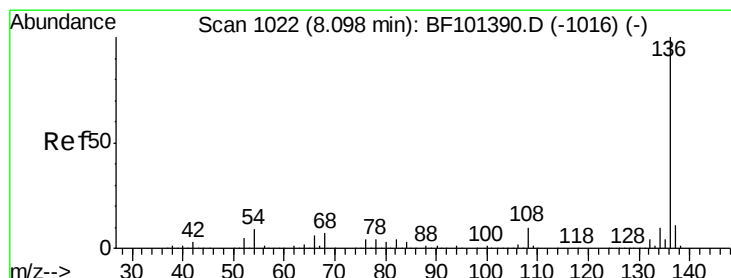
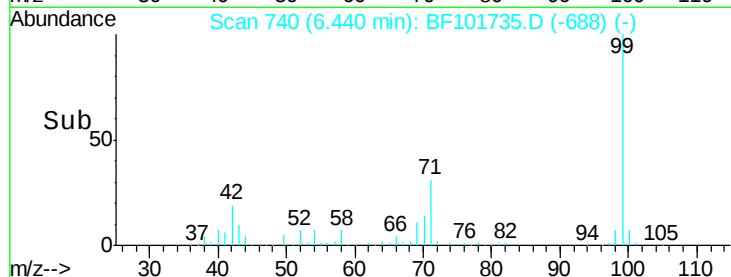
50000

0

6.44

6.40 6.50 6.60

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BF101735.D

Acq: 27 Dec 2017 1:07

Tgt Ion: 136 Resp: 413769

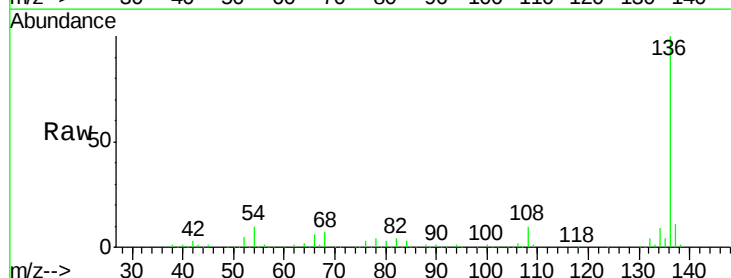
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 9.5 6.6 9.8

68 7.0 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): BF1

Ion 68.00 (67.70 to 68.70): BF1

500000

400000

300000

200000

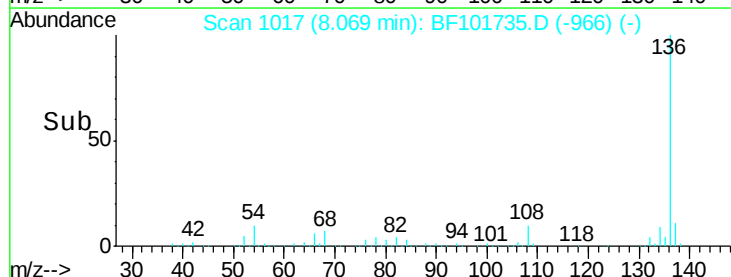
100000

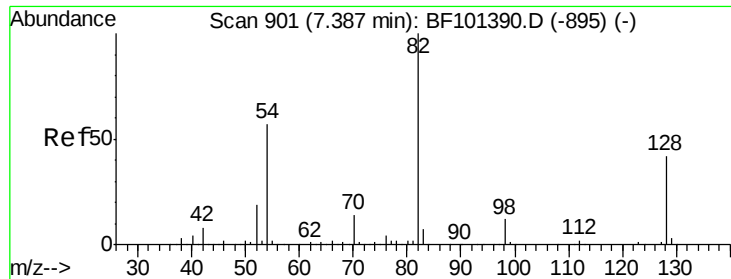
0

8.07

8.00 8.10 8.20

Time-->

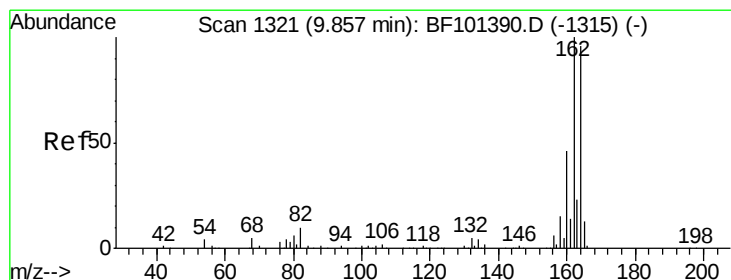
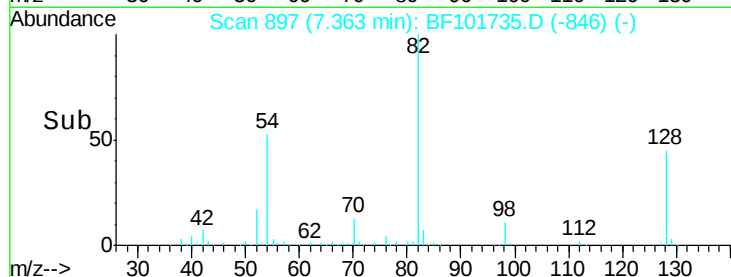
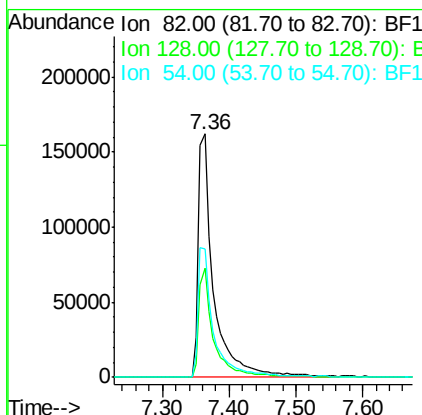
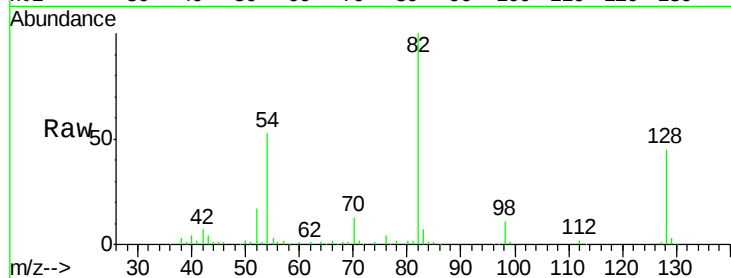




#23
 Nitrobenzene-d5
 Concen: 33.747 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.00 min
 Lab File: BF101735.D
 Acq: 27 Dec 2017 1:07

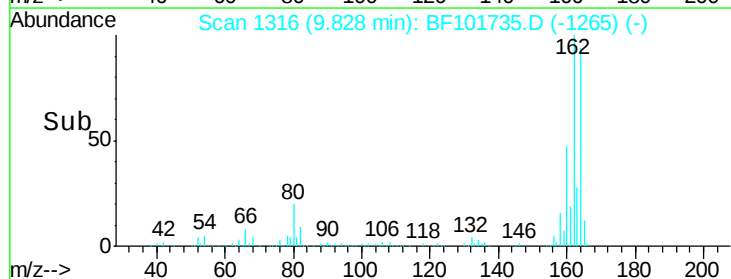
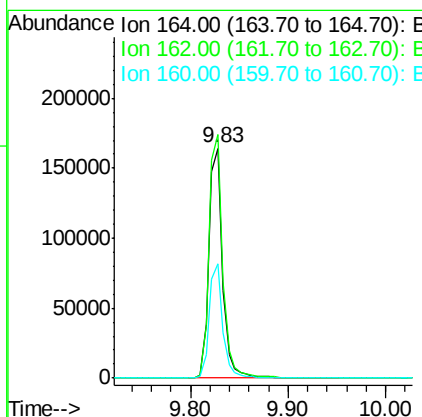
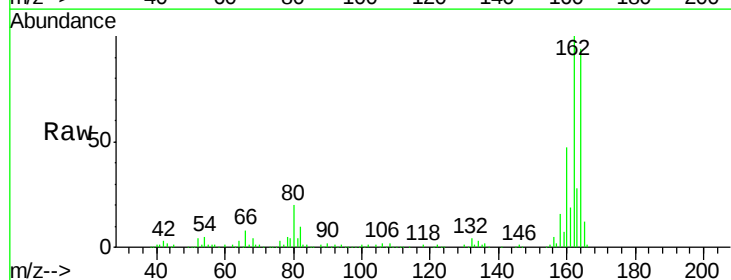
Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-WW

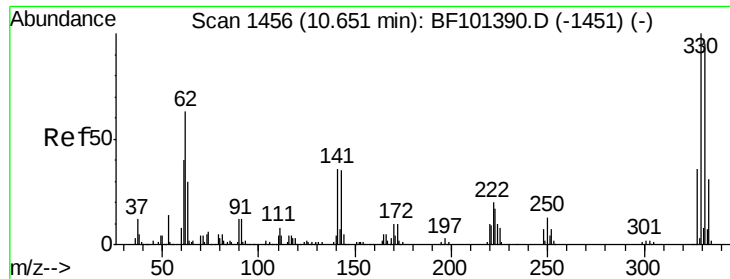
Tgt Ion: 82 Resp: 250847
 Ion Ratio Lower Upper
 82 100
 128 44.6 36.1 54.1
 54 52.6 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: BF101735.D
 Acq: 27 Dec 2017 1:07

Tgt Ion: 164 Resp: 160386
 Ion Ratio Lower Upper
 164 100
 162 106.1 86.1 129.1
 160 49.7 38.3 57.5

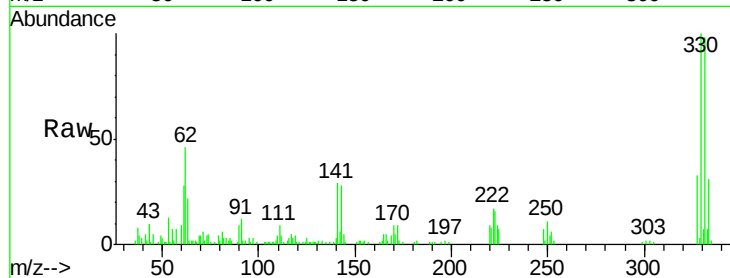




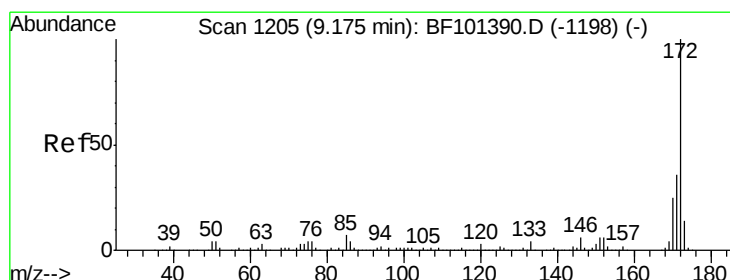
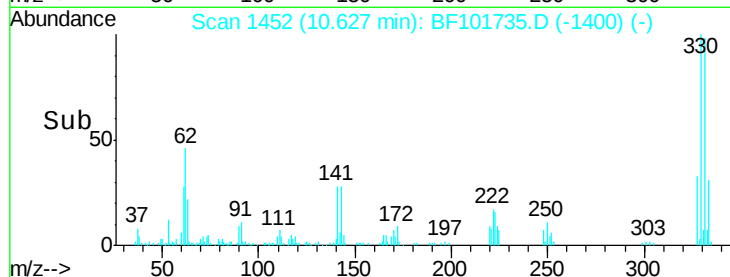
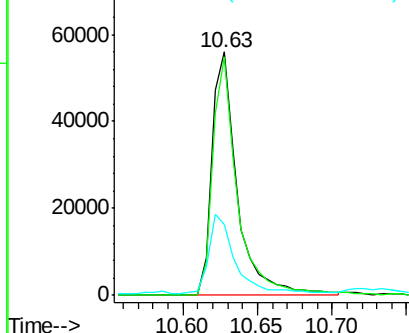
#41
 2,4,6-Tribromophenol
 Concen: 42.715 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.01 min
 Lab File: BF101735.D
 Acq: 27 Dec 2017 1:07

Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-WW

Tgt Ion:330 Resp: 66014
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 33.7 29.9 44.9

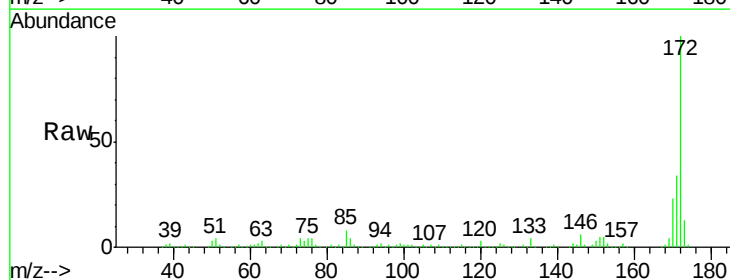


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

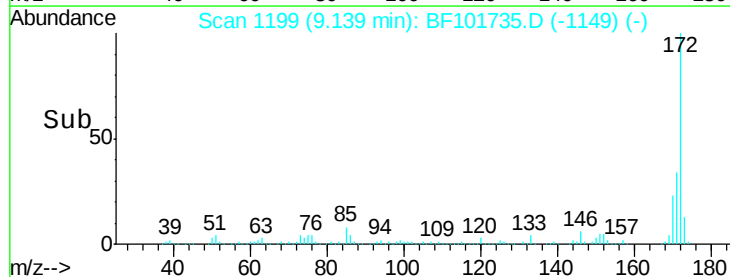
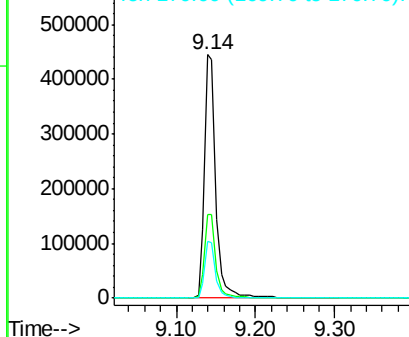


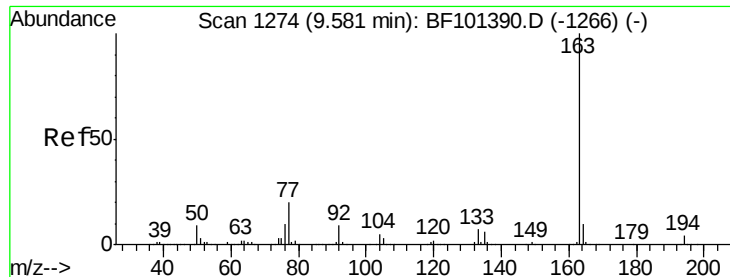
#44
 2-Fluorobiphenyl
 Concen: 43.880 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF101735.D
 Acq: 27 Dec 2017 1:07

Tgt Ion:172 Resp: 453684
 Ion Ratio Lower Upper
 172 100
 171 34.4 29.7 44.5
 170 23.2 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: 2.400 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF101735.D

Acq: 27 Dec 2017 1:07

Instrument :

BNA_F

ClientSampleId :

HALSTED-WW

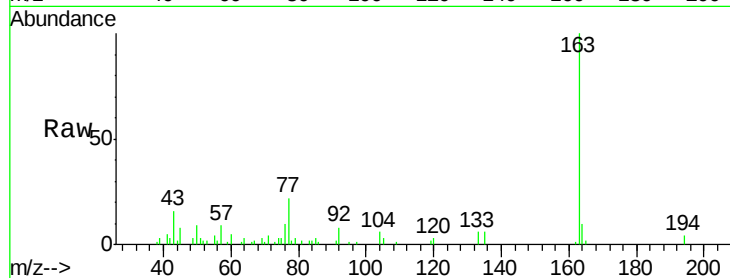
Tgt Ion:163 Resp: 30965

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

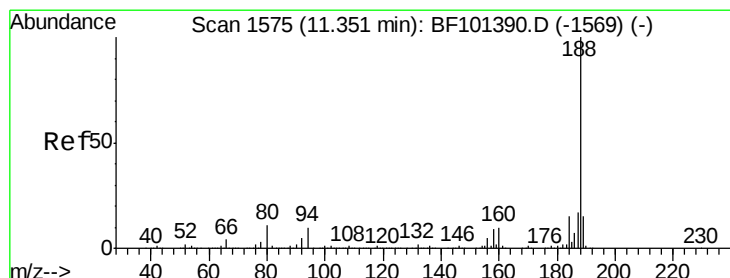
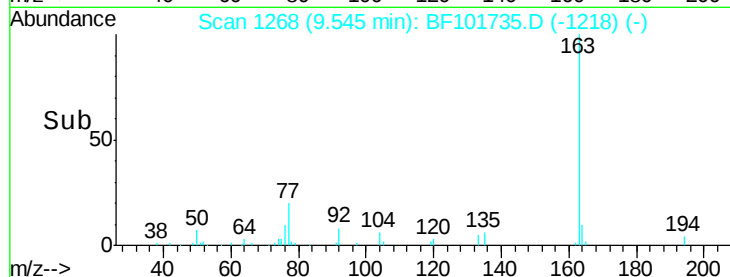
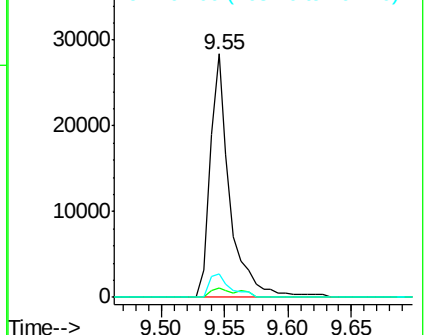
164 9.6 8.2 12.2



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: 11.32 min Scan# 1569

Delta R.T. -0.00 min

Lab File: BF101735.D

Acq: 27 Dec 2017 1:07

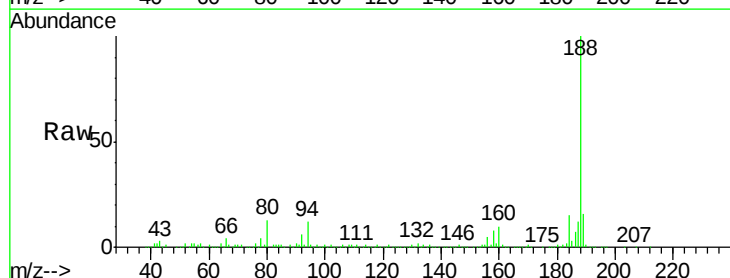
Tgt Ion:188 Resp: 291837

Ion Ratio Lower Upper

188 100

94 11.8 8.5 12.7

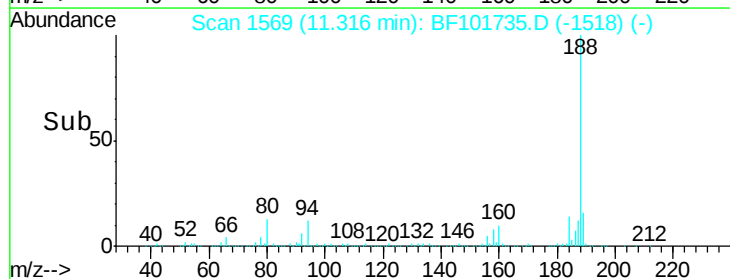
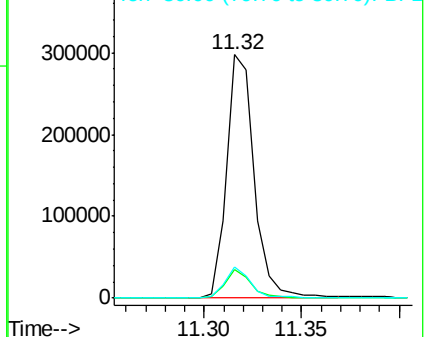
80 12.7 9.2 13.8

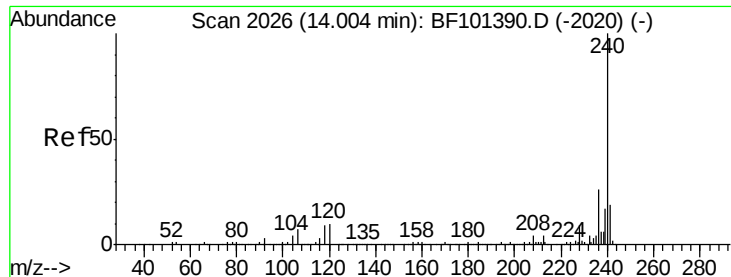


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BF101735.D

Acq: 27 Dec 2017 1:07

Instrument :

BNA_F

ClientSampleId :

HALSTED-WW

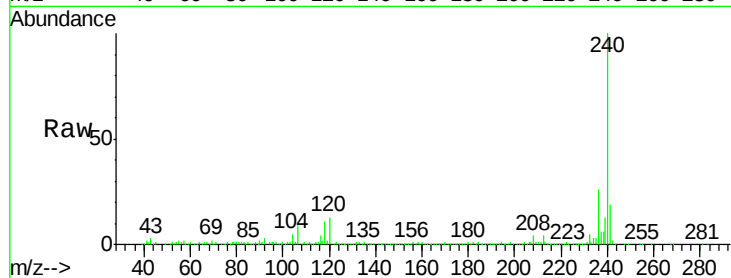
Tgt Ion:240 Resp: 297871

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

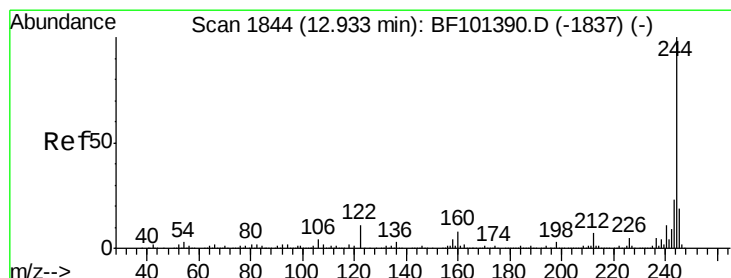
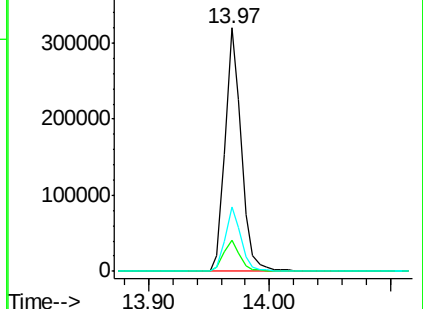
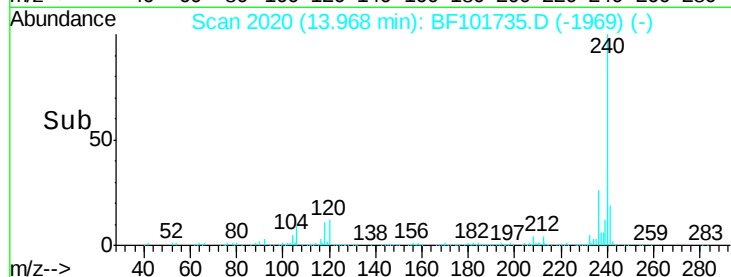
236 26.2 20.7 31.1



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: 32.284 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BF101735.D

Acq: 27 Dec 2017 1:07

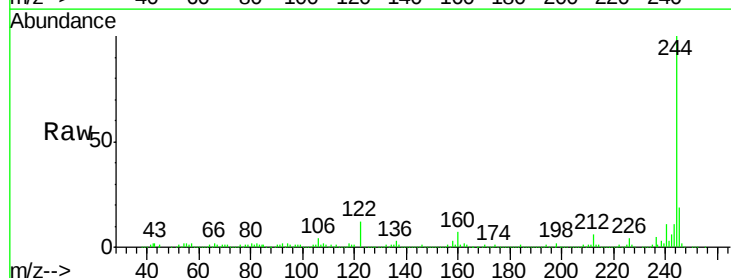
Tgt Ion:244 Resp: 398901

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.0

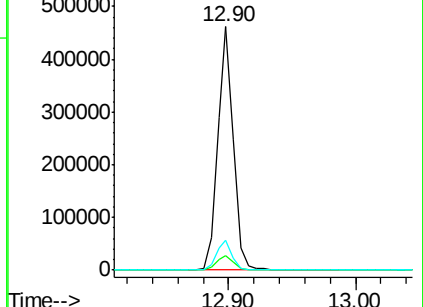
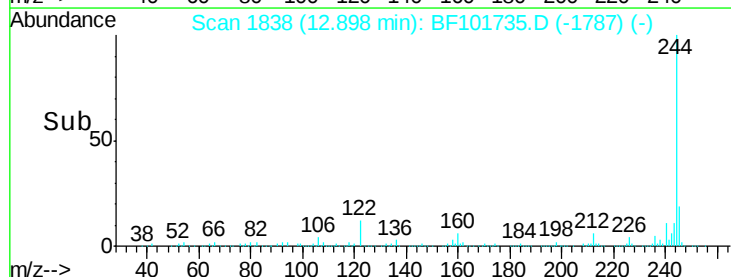
122 12.3 11.0 16.4

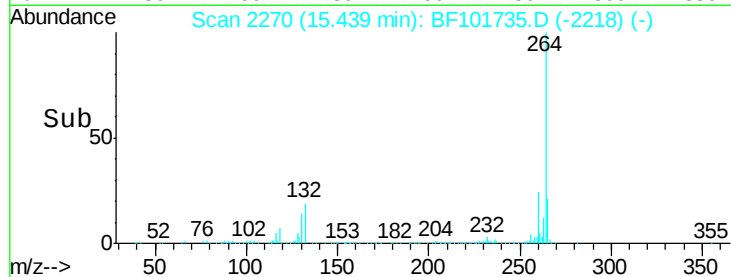
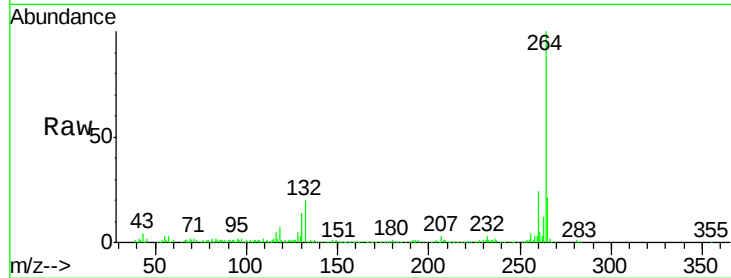
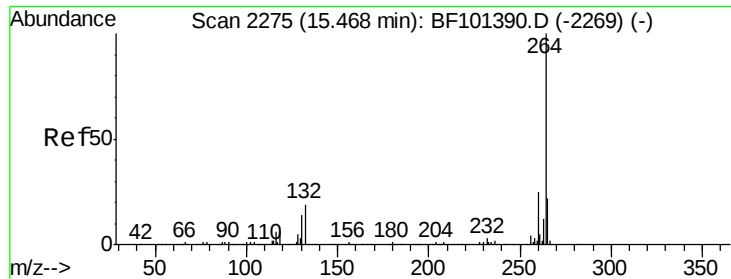


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2270

Delta R.T. 0.01 min

Lab File: BF101735.D

Acq: 27 Dec 2017 1:07

Instrument :

BNA_F

ClientSampleId :

HALSTED-WW

Tgt Ion: 264 Resp: 274031

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.3 17.5 26.3

