

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091317\
 Data File : BF098486.D
 Acq On : 13 Sep 2017 13:28
 Operator : SJ/JU
 Sample : I5157-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Quant Time: Sep 13 18:59:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

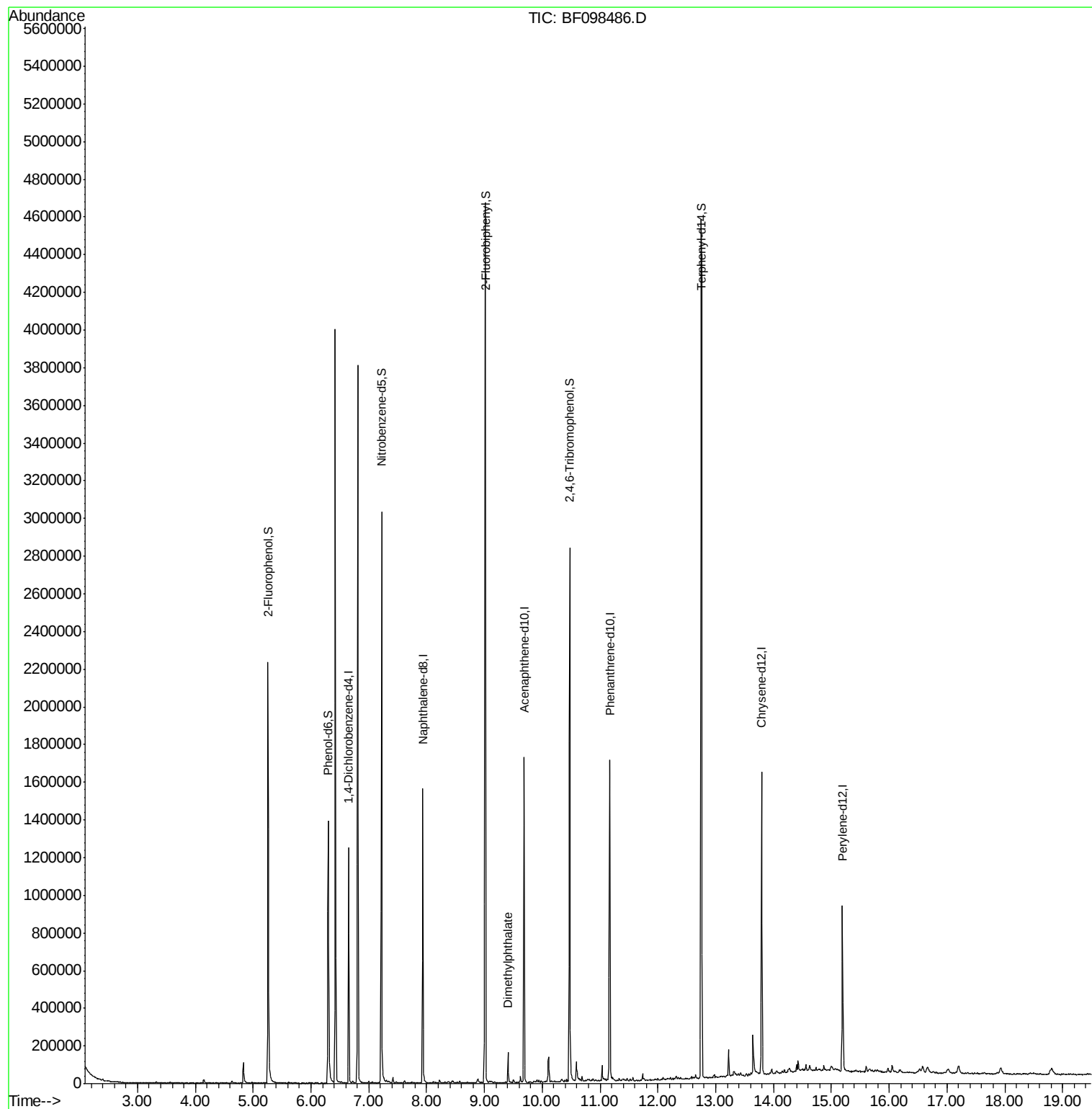
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	170427	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	694209	20.00	ng	-0.02
38) Acenaphthene-d10	9.69	164	313181	20.00	ng	-0.02
63) Phenanthrene-d10	11.17	188	601899	20.00	ng	-0.02
75) Chrysene-d12	13.80	240	486906	20.00	ng	-0.02
86) Perylene-d12	15.19	264	360846	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	634932	55.08	ng	-0.02
7) Phenol-d6	6.30	99	481835	32.92	ng	-0.02
23) Nitrobenzene-d5	7.22	82	979491	78.66	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	294833	141.05	ng	-0.02
44) 2-Fluorobiphenyl	9.02	172	1626812	88.04	ng	-0.02
78) Terphenyl-d14	12.75	244	1557858	69.06	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.41	163	62564	2.581	ng	99

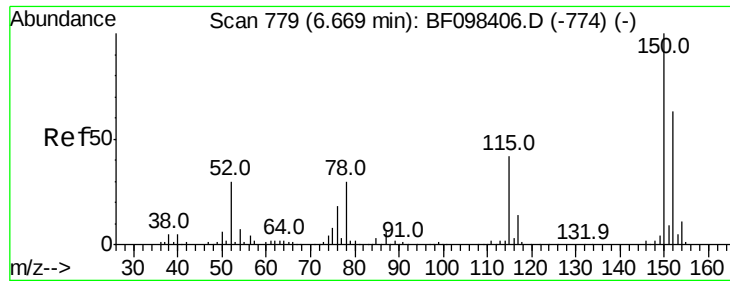
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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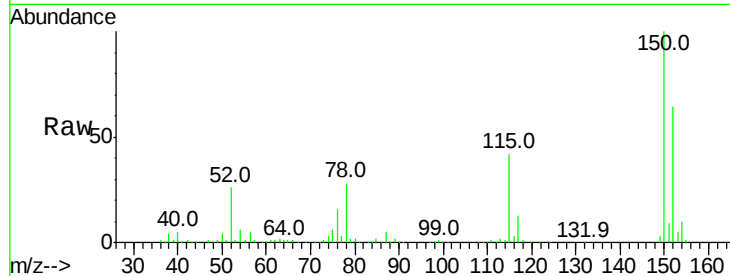


#1

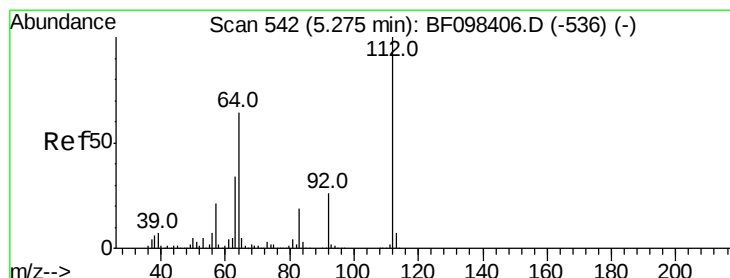
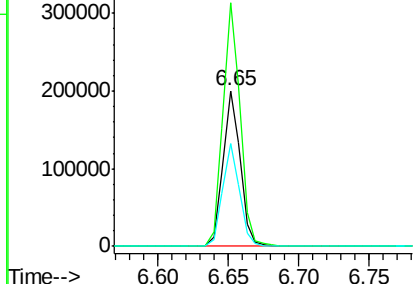
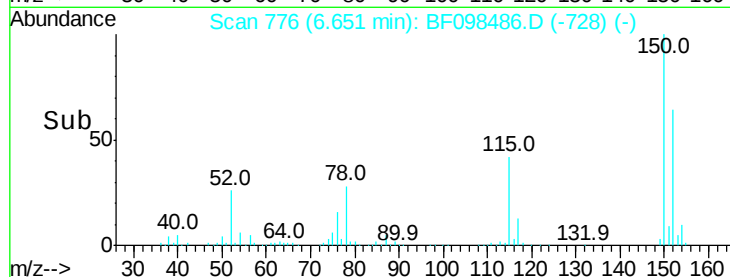
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.65 min Scan# 776
 Delta R.T. -0.02 min
 Lab File: BF098486.D
 Acq: 13 Sep 2017 13:28

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Tot Ion:152 Resp: 170427
 Ion Ratio Lower Upper
 152 100
 150 156.2 126.2 189.2
 115 65.6 52.2 78.2



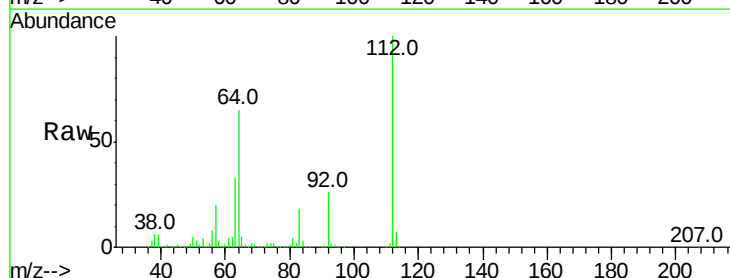
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



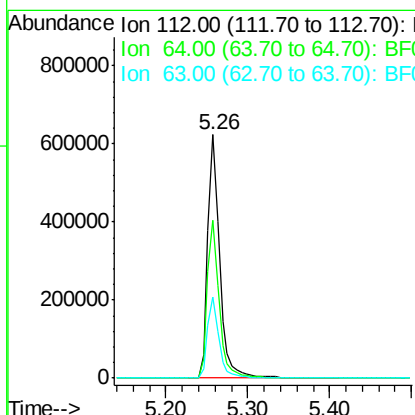
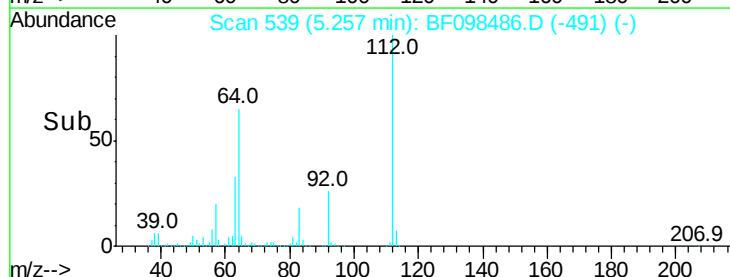
#5

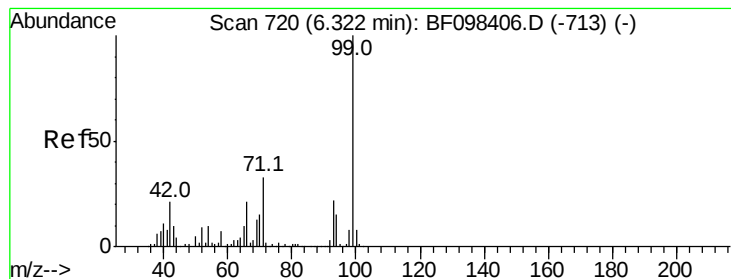
2-Fluorophenol
 Concen: 55.083 ng
 RT: 5.26 min Scan# 539
 Delta R.T. -0.02 min
 Lab File: BF098486.D
 Acq: 13 Sep 2017 13:28

Tgt Ion:112 Resp: 634932
 Ion Ratio Lower Upper
 112 100
 64 64.8 46.0 69.0
 63 33.2 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: 32.923 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BF098486.D

Acq: 13 Sep 2017 13:28

Instrument :

BNA_F

ClientSampleId :

DSN001

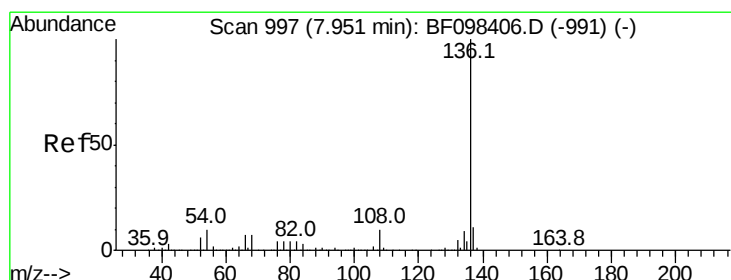
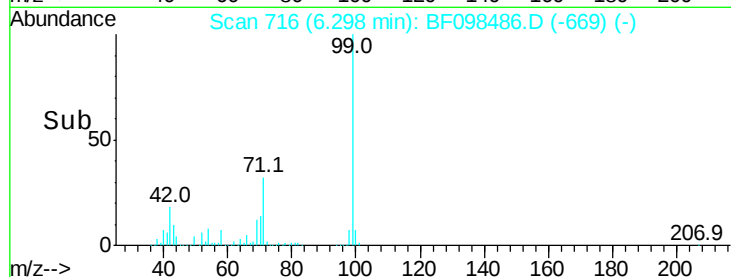
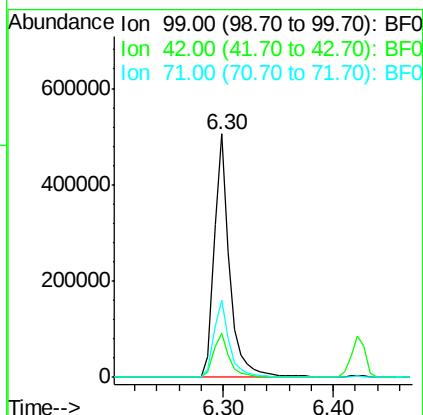
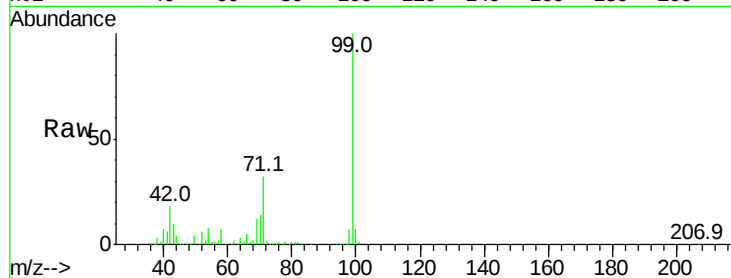
Tot Ion: 99 Resp: 481835

Ion Ratio Lower Upper

99 100

42 18.1 13.5 20.3

71 31.8 24.5 36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.02 min

Lab File: BF098486.D

Acq: 13 Sep 2017 13:28

Tgt Ion: 136 Resp: 694209

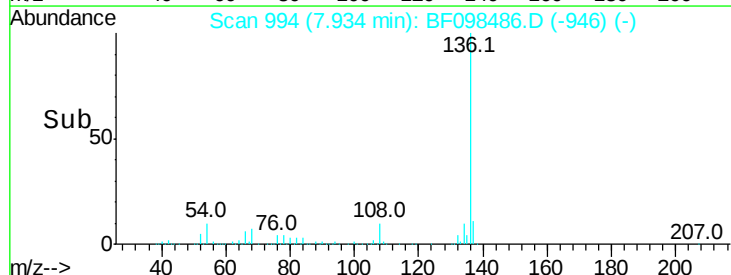
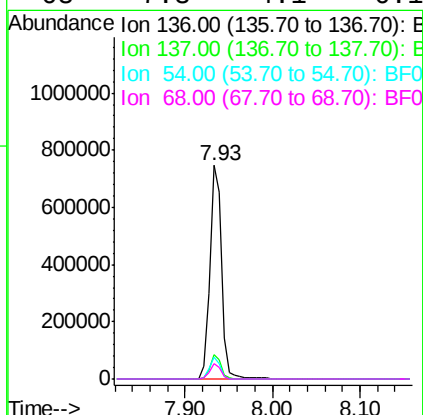
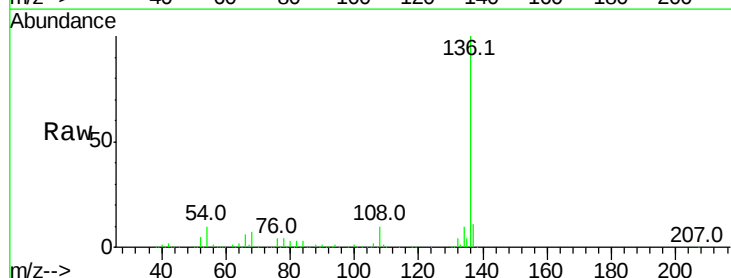
Ion Ratio Lower Upper

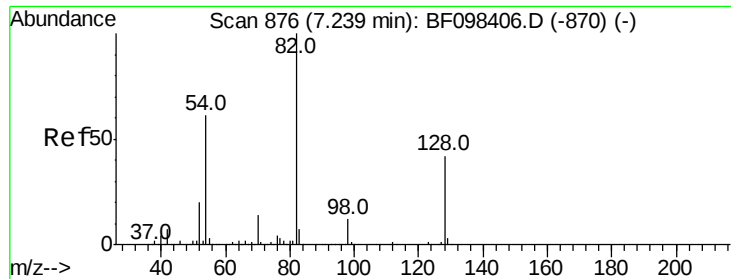
136 100

137 11.4 8.5 12.7

54 10.3 4.9 7.3#

68 7.3 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 78.660 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.02 min

Lab File: BF098486.D

Acq: 13 Sep 2017 13:28

Instrument :

BNA_F

ClientSampleId :

DSN001

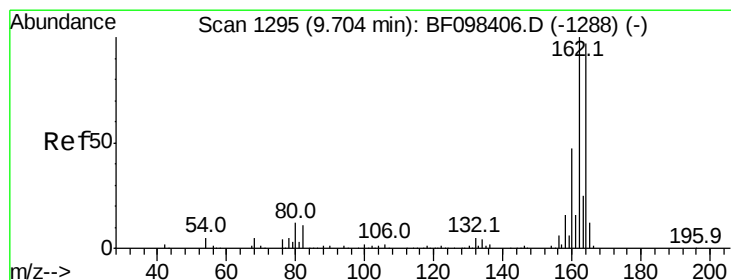
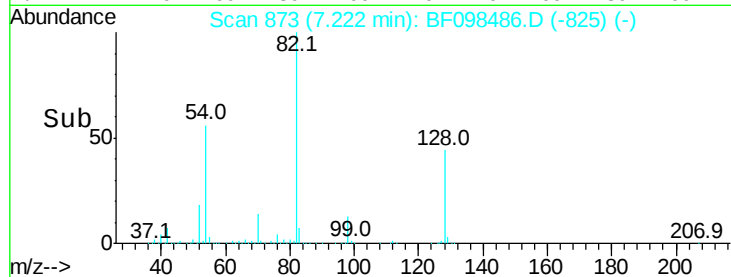
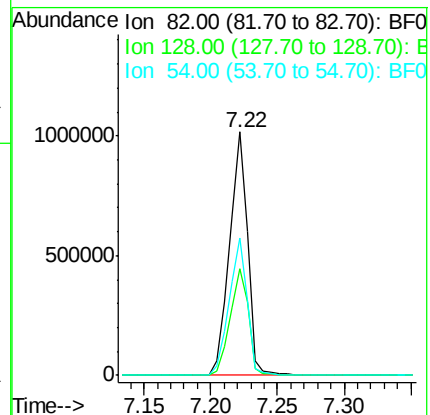
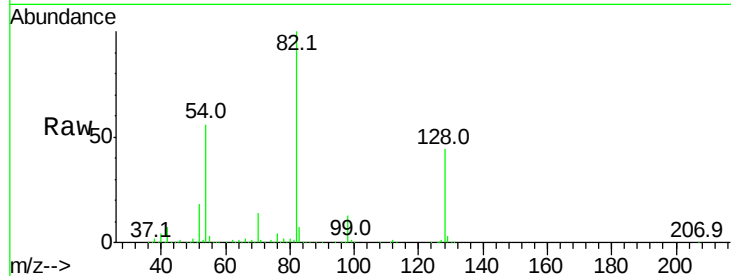
Tot Ion: 82 Resp: 979491

Ion Ratio Lower Upper

82 100

128 44.0 34.0 51.0

54 56.4 42.2 63.2



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.02 min

Lab File: BF098486.D

Acq: 13 Sep 2017 13:28

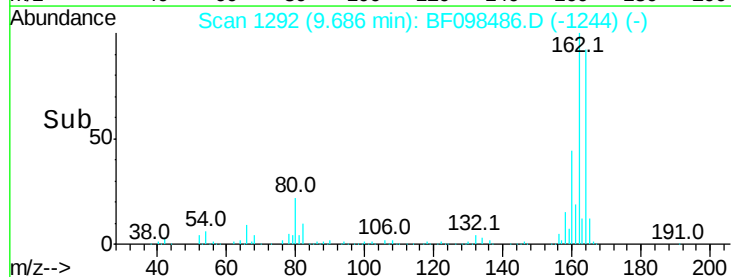
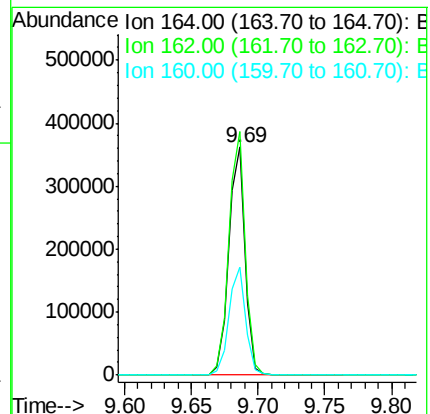
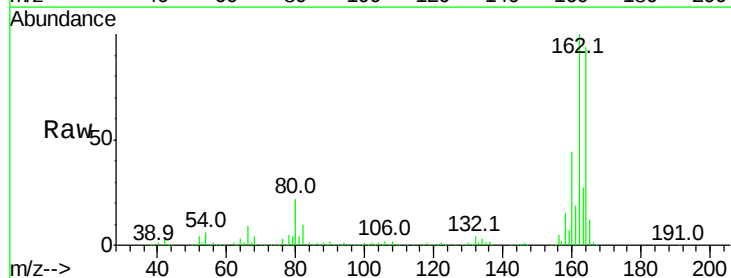
Tgt Ion: 164 Resp: 313181

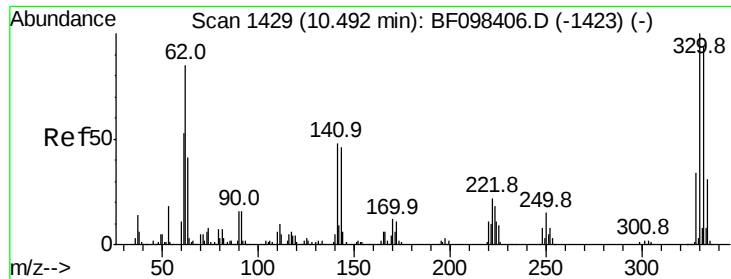
Ion Ratio Lower Upper

164 100

162 106.9 82.6 123.8

160 47.4 36.2 54.2

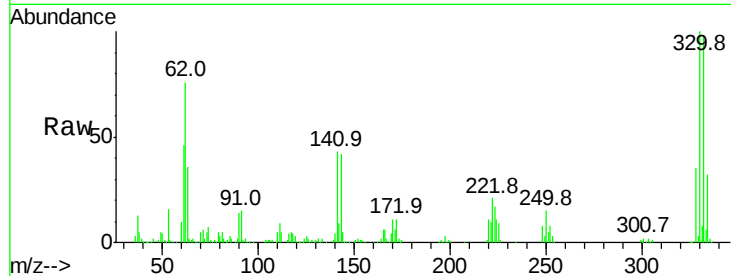




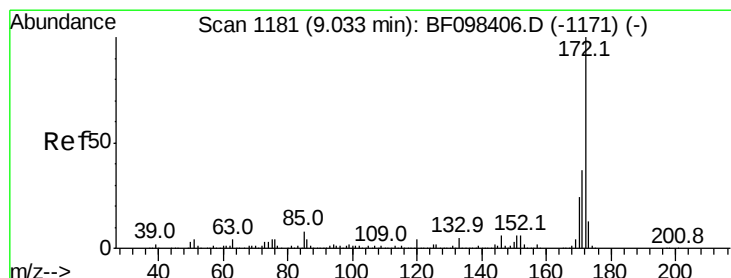
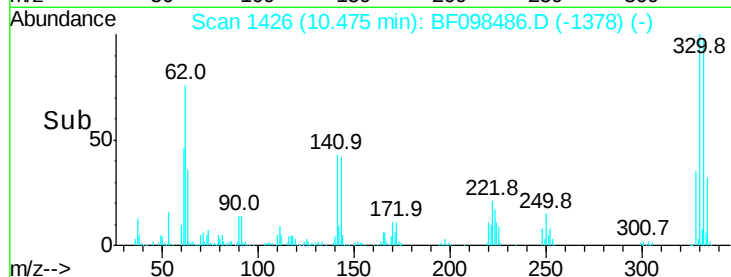
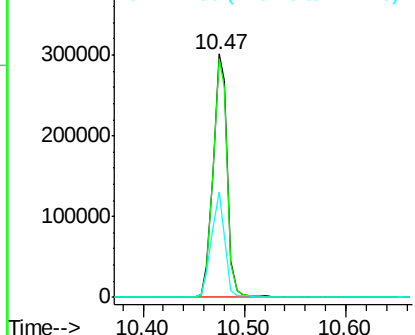
#41
 2,4,6-Tribromophenol
 Concen: 141.053 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.02 min
 Lab File: BF098486.D
 Acq: 13 Sep 2017 13:28

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Tot Ion:330 Resp: 294833
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 115.0
 141 41.6 31.4 47.2

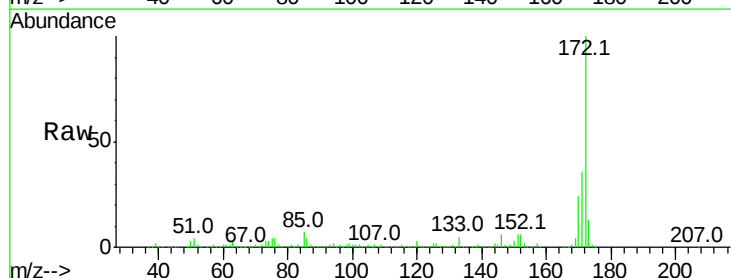


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

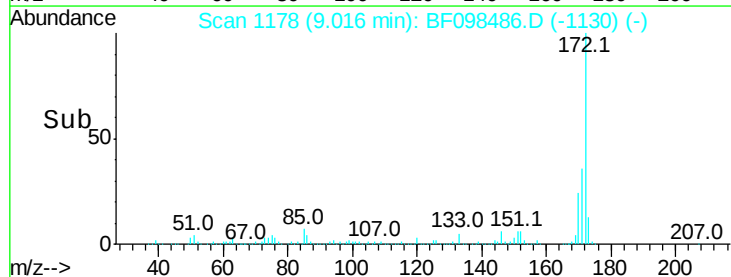
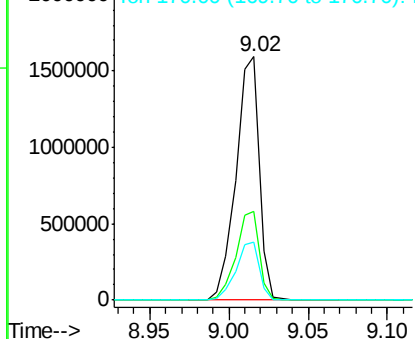


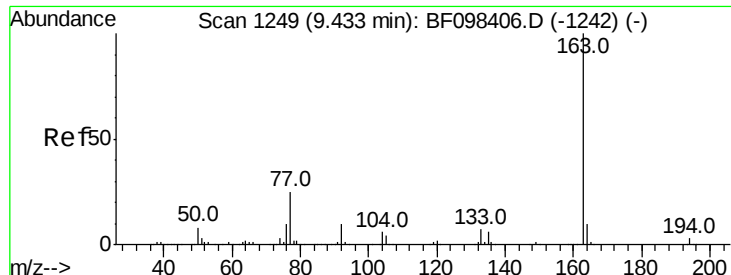
#44
 2-Fluorobiphenyl
 Concen: 88.042 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.02 min
 Lab File: BF098486.D
 Acq: 13 Sep 2017 13:28

Tgt Ion:172 Resp: 1626812
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 23.9 19.8 29.8



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: 2.581 ng

RT: 9.41 min Scan# 1245

Delta R.T. -0.02 min

Lab File: BF098486.D

Acq: 13 Sep 2017 13:28

Instrument :

BNA_F

ClientSampleId :

DSN001

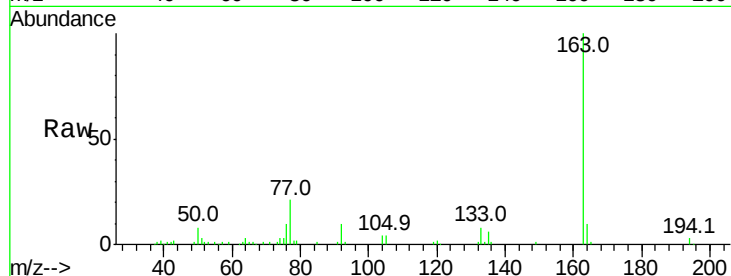
Tot Ion:163 Resp: 62564

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

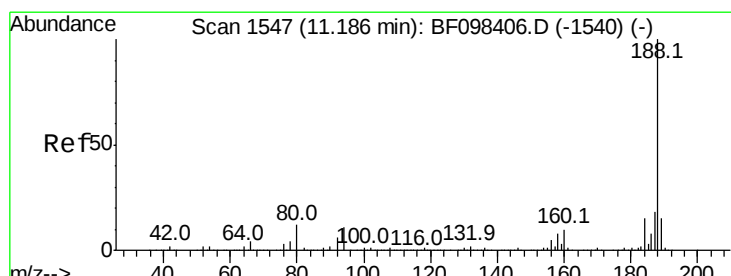
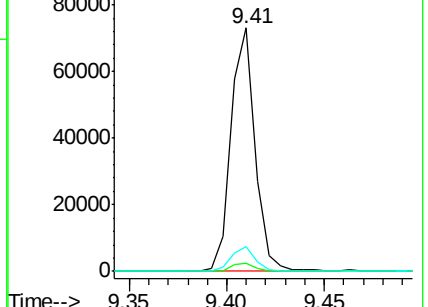
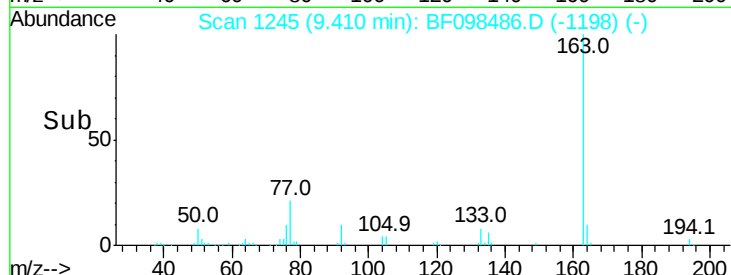
164 10.0 8.4 12.6



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: 11.17 min Scan# 1544

Delta R.T. -0.02 min

Lab File: BF098486.D

Acq: 13 Sep 2017 13:28

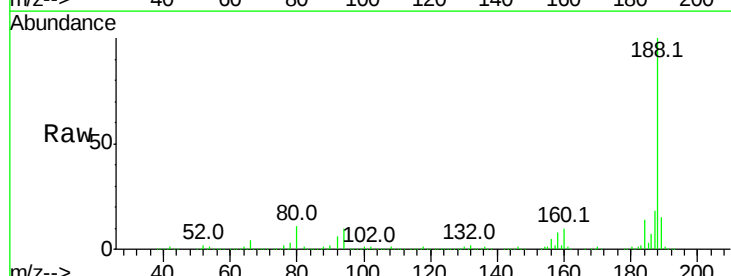
Tgt Ion:188 Resp: 601899

Ion Ratio Lower Upper

188 100

94 9.7 9.4 14.2

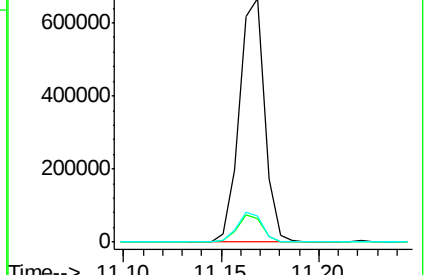
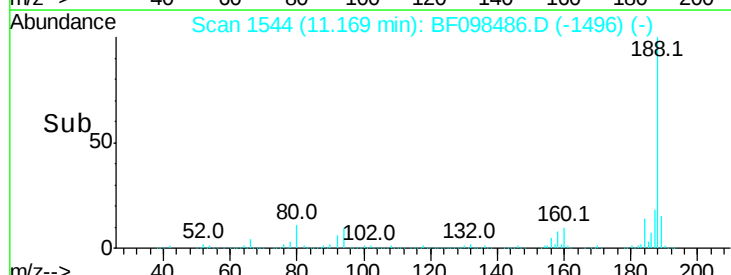
80 10.9 10.2 15.2

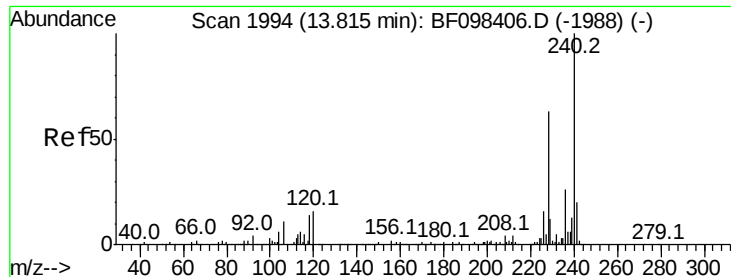


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.80 min Scan# 1991

Delta R.T. -0.02 min

Lab File: BF098486.D

Acq: 13 Sep 2017 13:28

Instrument :

BNA_F

ClientSampleId :

DSN001

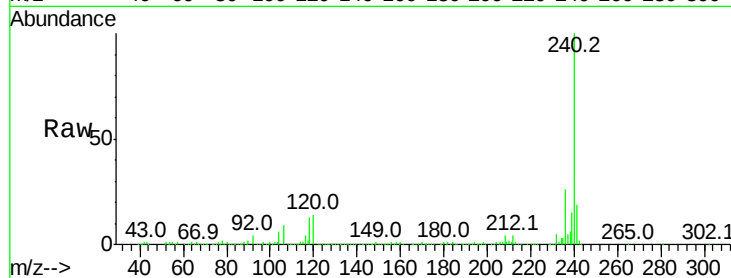
Tot Ion:240 Resp: 486906

Ion Ratio Lower Upper

240 100

120 13.7 5.8 8.8#

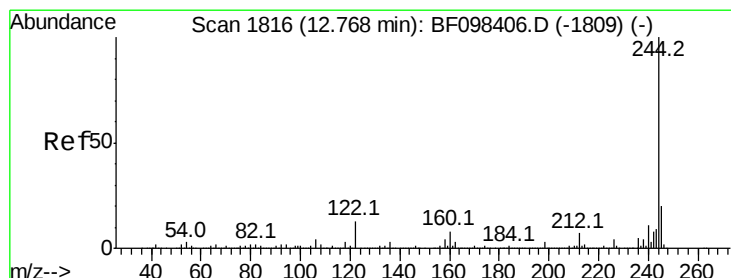
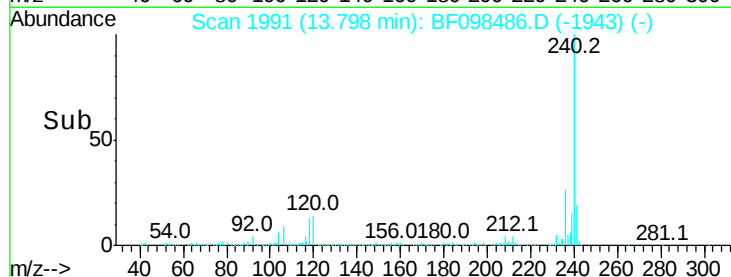
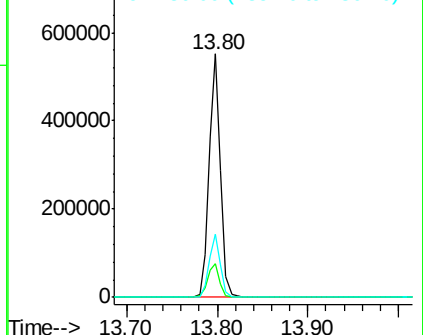
236 26.1 20.5 30.7



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: 69.060 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.02 min

Lab File: BF098486.D

Acq: 13 Sep 2017 13:28

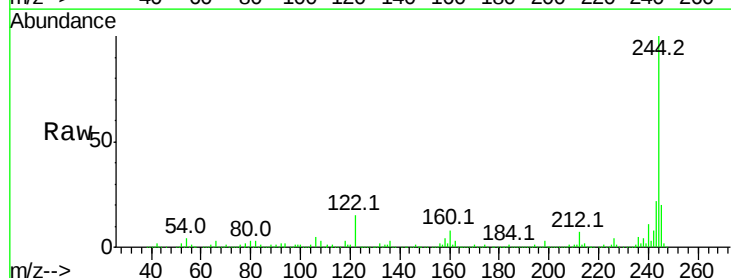
Tgt Ion:244 Resp: 1557858

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

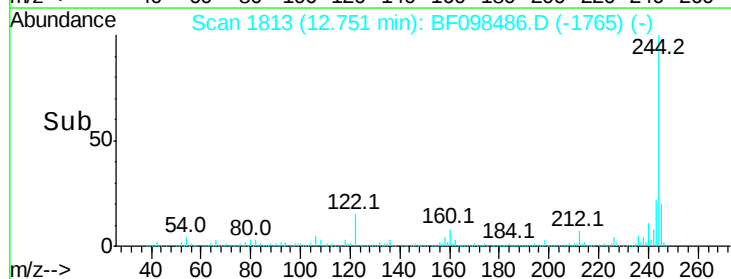
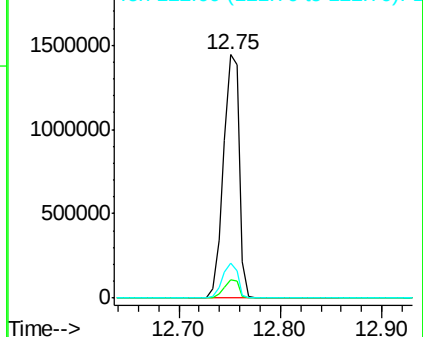
122 14.6 10.3 15.5

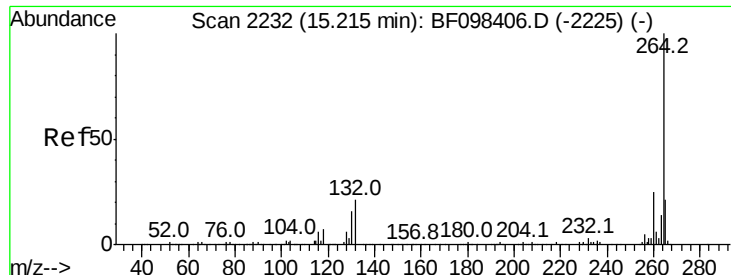


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

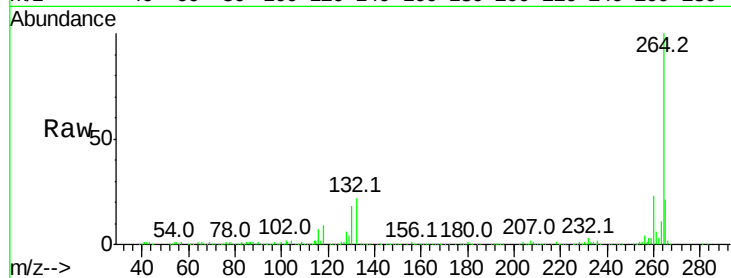




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.19 min Scan# 2228
 Delta R.T. -0.02 min
 Lab File: BF098486.D
 Acq: 13 Sep 2017 13:28

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Tot Ion:	264	Resp:	360846
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	20.7	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

