

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080417\
 Data File : BF097360.D
 Acq On : 4 Aug 2017 17:17
 Operator : SJ/JU
 Sample : I4535-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRC-MW-101D

Quant Time: Aug 04 23:29:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 01:17:22 2017
 Response via : Initial Calibration

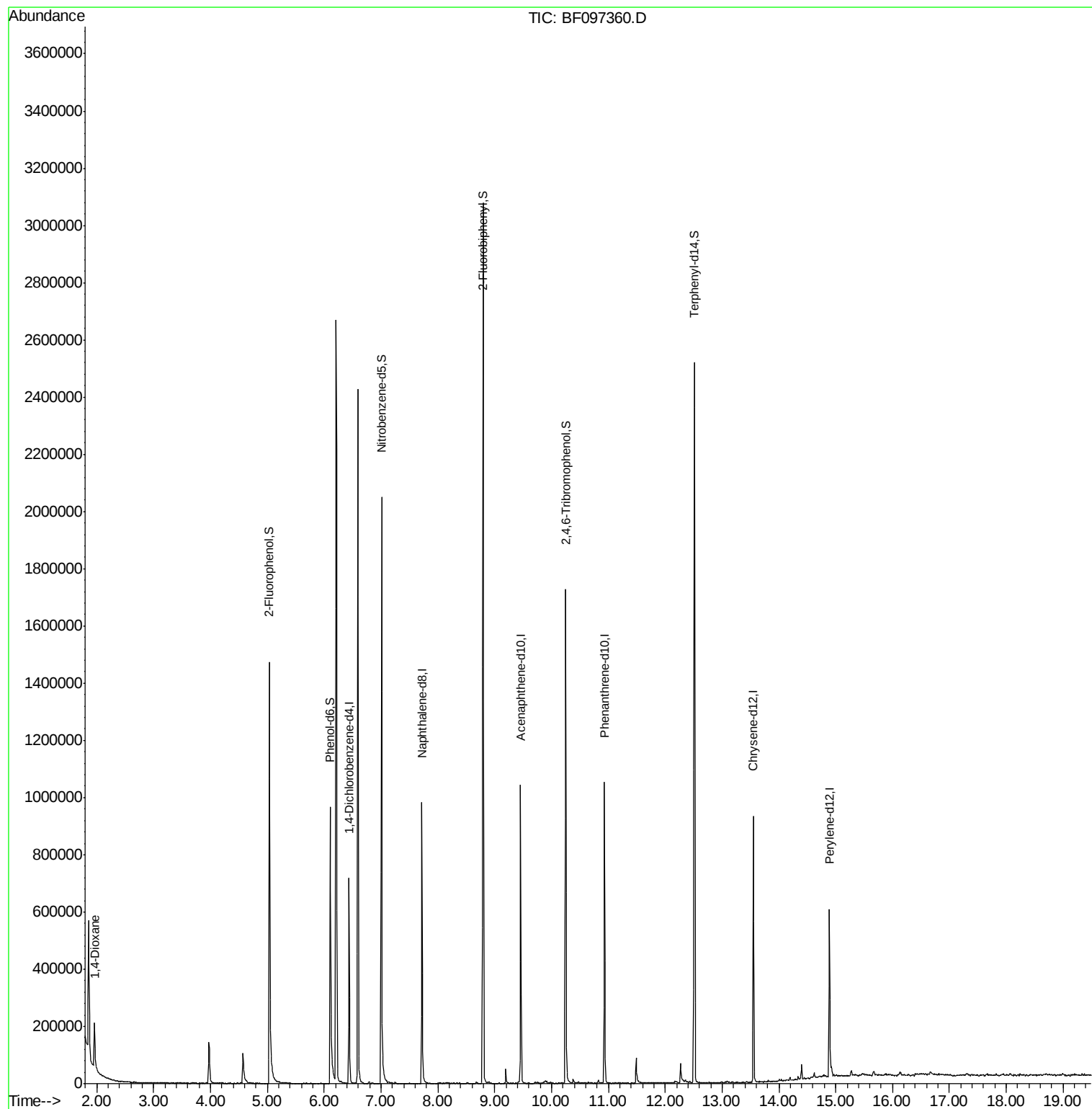
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.44	152	116688	20.00	ng	-0.06
21) Naphthalene-d8	7.72	136	479584	20.00	ng	-0.06
38) Acenaphthene-d10	9.46	164	213932	20.00	ng	-0.08
63) Phenanthrene-d10	10.93	188	372778	20.00	ng	-0.07
75) Chrysene-d12	13.55	240	311713	20.00	ng	-0.08
86) Perylene-d12	14.89	264	235262	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	503832	65.09	ng	-0.06
7) Phenol-d6	6.10	99	409042	46.29	ng	-0.06
23) Nitrobenzene-d5	7.01	82	708006	86.61	ng	-0.06
41) 2,4,6-Tribromophenol	10.25	330	216024	127.80	ng	-0.07
44) 2-Fluorobiphenyl	8.80	172	1089663	86.44	ng	-0.07
78) Terphenyl-d14	12.52	244	950991	62.20	ng	-0.07
Target Compounds						
2) 1,4-Dioxane	1.96	88	64217	19.880	ng	Qvalue # 70

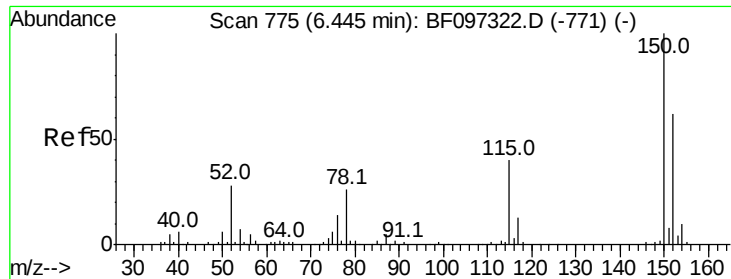
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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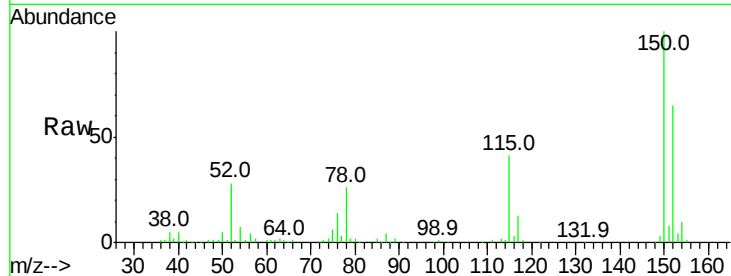


#1

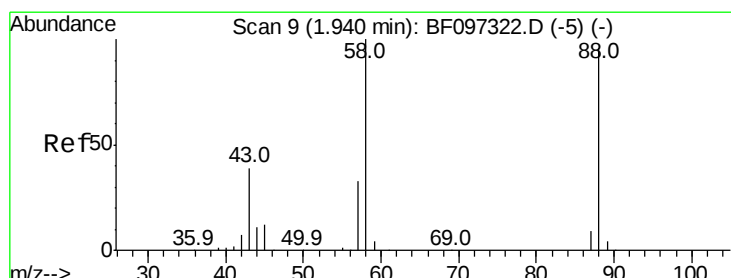
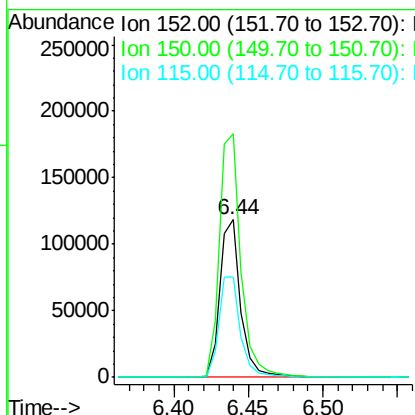
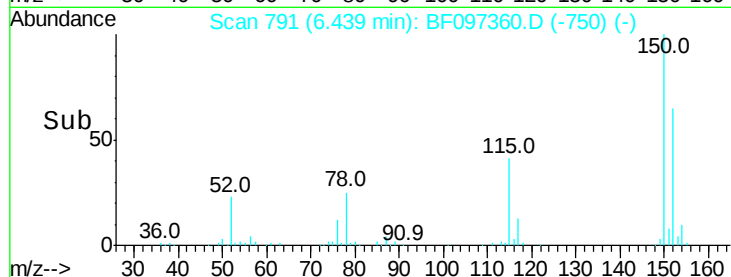
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.44 min Scan# 791
 Delta R.T. -0.06 min
 Lab File: BF097360.D
 Acq: 4 Aug 2017 17:17

Instrument :
 BNA_F
 ClientSampleId :
 TRC-MW-101D

Tot Ion:152 Resp: 116688
 Ion Ratio Lower Upper
 152 100
 150 154.4 126.2 189.2
 115 63.8 52.2 78.2



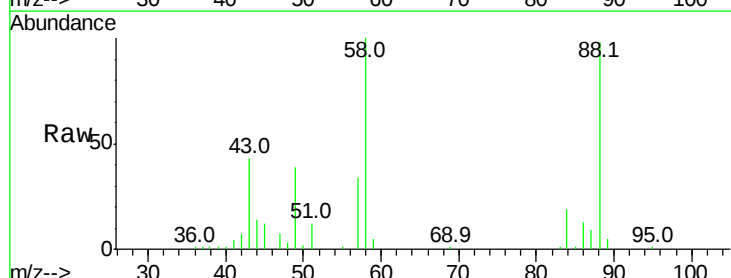
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



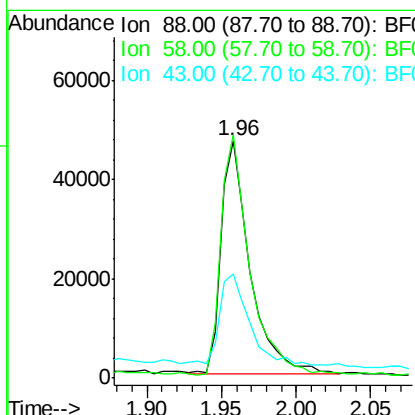
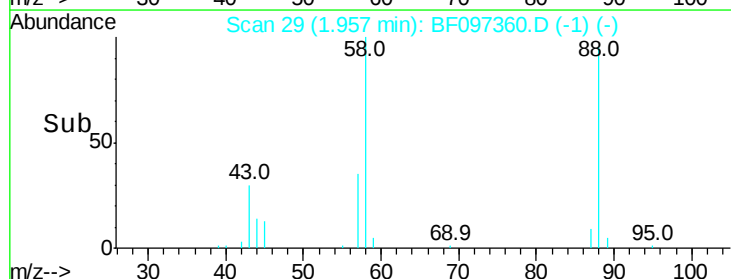
#2

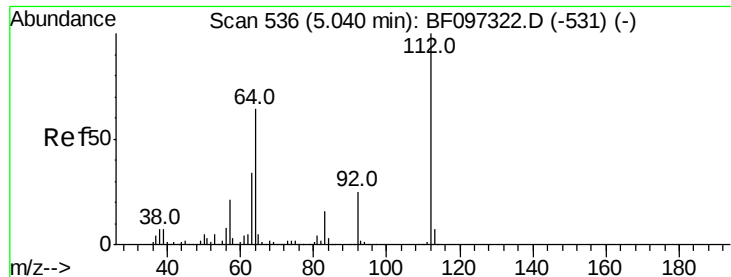
1,4-Dioxane
 Concen: 19.880 ng
 RT: 1.96 min Scan# 29
 Delta R.T. -0.09 min
 Lab File: BF097360.D
 Acq: 4 Aug 2017 17:17

Tgt Ion: 88 Resp: 64217
 Ion Ratio Lower Upper
 88 100
 58 102.6 61.4 92.0#
 43 45.7 23.4 35.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 65.090 ng

RT: 5.03 min Scan# 552

Delta R.T. -0.06 min

Lab File: BF097360.D

Acq: 4 Aug 2017 17:17

Instrument :

BNA_F

ClientSampleId :

TRC-MW-101D

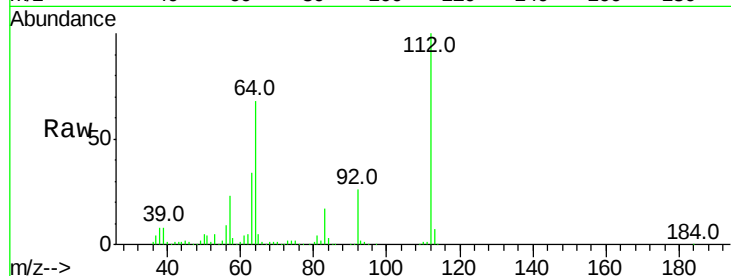
Tot Ion:112 Resp: 503832

Ion Ratio Lower Upper

112 100

64 67.7 46.0 69.0

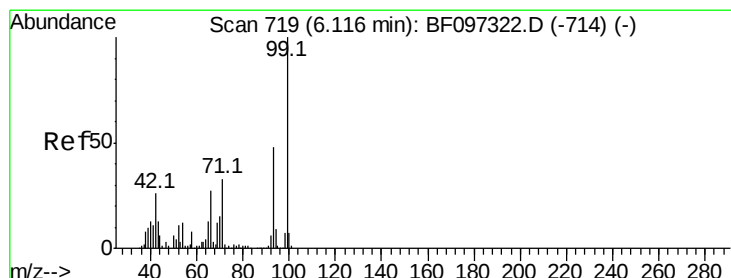
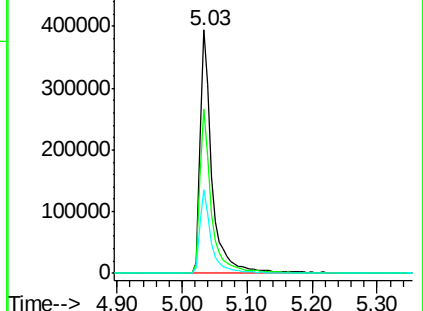
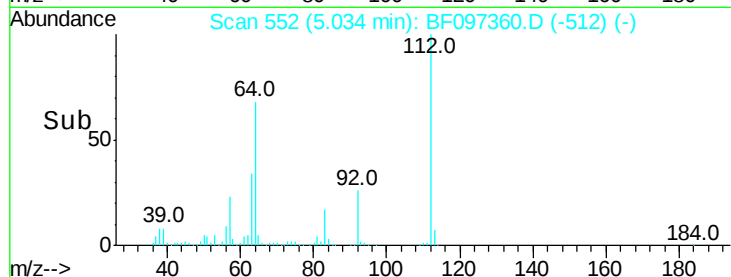
63 34.3 23.4 35.0



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: 46.289 ng

RT: 6.10 min Scan# 734

Delta R.T. -0.06 min

Lab File: BF097360.D

Acq: 4 Aug 2017 17:17

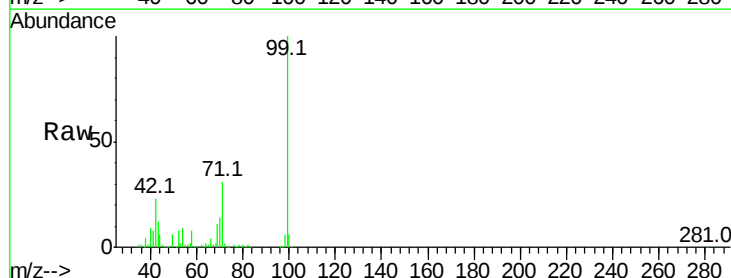
Tgt Ion: 99 Resp: 409042

Ion Ratio Lower Upper

99 100

42 22.8 13.5 20.3#

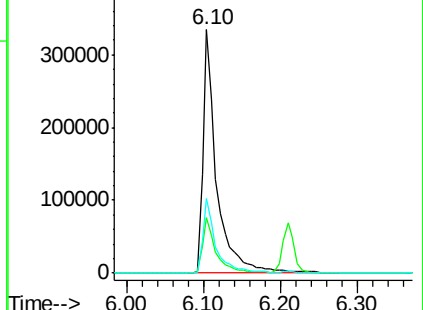
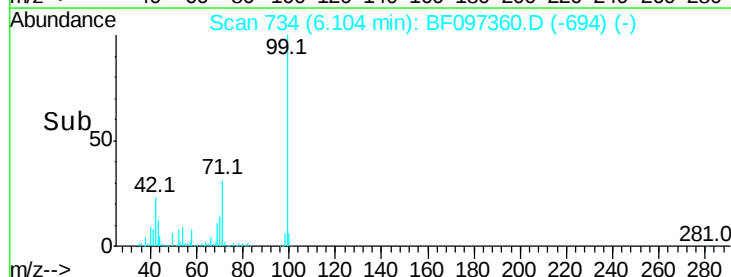
71 30.6 24.5 36.7

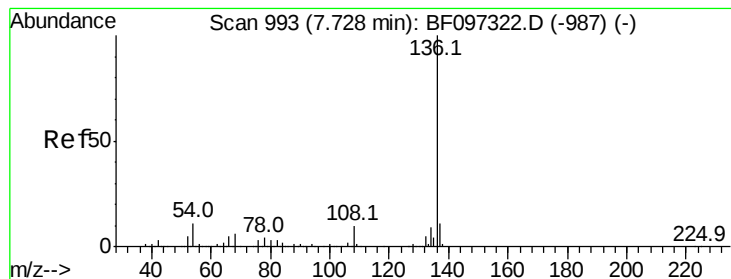


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.72 min Scan# 1009

Delta R.T. -0.06 min

Lab File: BF097360.D

Acq: 4 Aug 2017 17:17

Instrument :

BNA_F

ClientSampleId :

TRC-MW-101D

Tot Ion:136 Resp: 479584

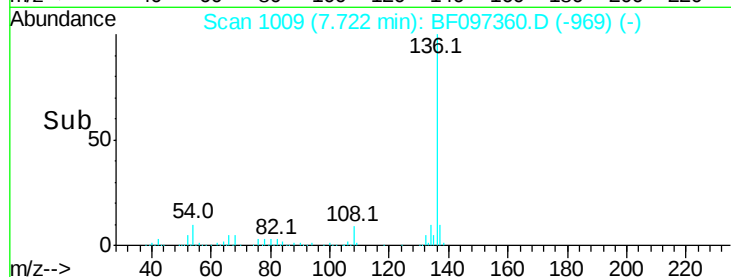
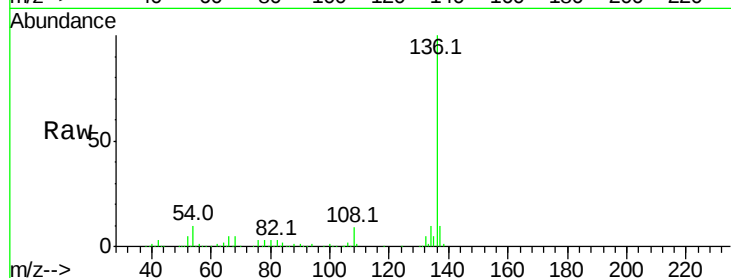
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 9.8 4.9 7.3#

68 5.3 4.1 6.1

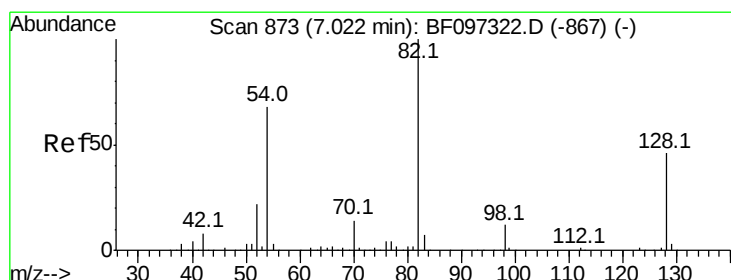
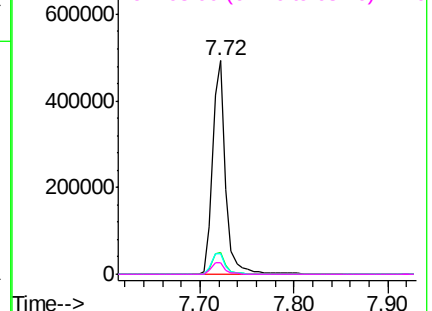


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.605 ng

RT: 7.01 min Scan# 888

Delta R.T. -0.06 min

Lab File: BF097360.D

Acq: 4 Aug 2017 17:17

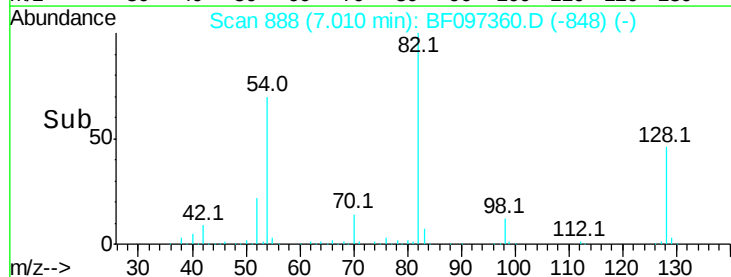
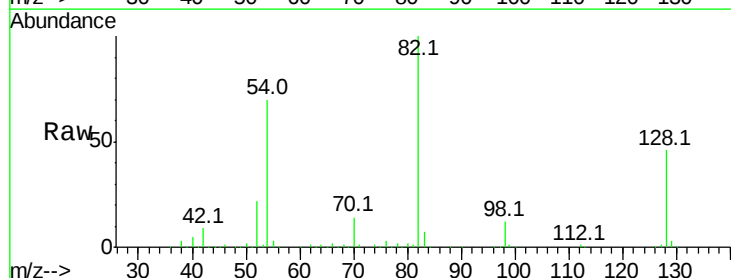
Tgt Ion: 82 Resp: 708006

Ion Ratio Lower Upper

82 100

128 46.4 34.0 51.0

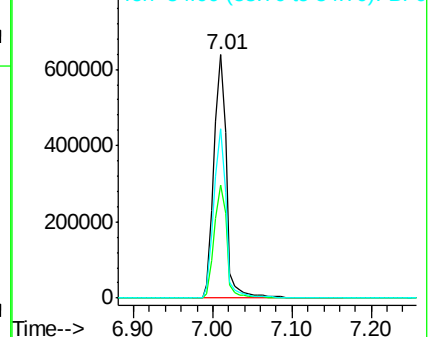
54 69.8 42.2 63.2#

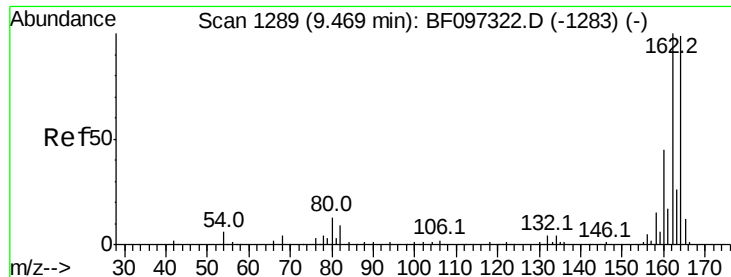


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

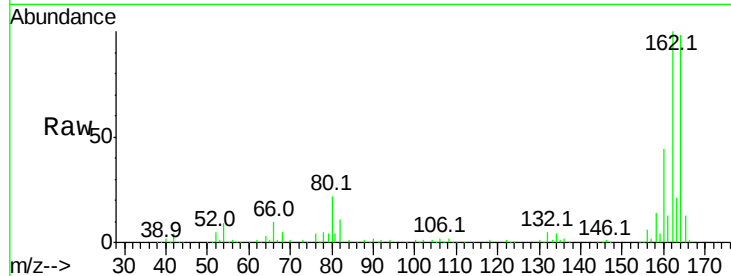




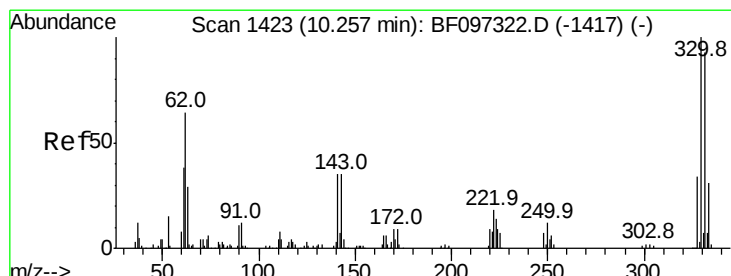
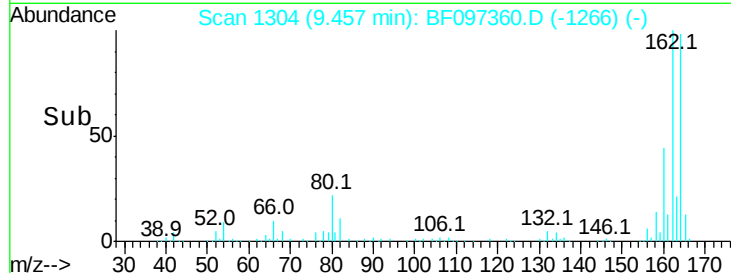
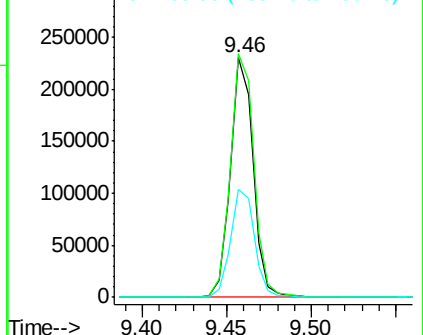
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.46 min Scan# 1304
Delta R.T. -0.08 min
Lab File: BF097360.D
Acq: 4 Aug 2017 17:17

Instrument :
BNA_F
ClientSampleId :
TRC-MW-101D

Tot Ion:164 Resp: 213932
Ion Ratio Lower Upper
164 100
162 101.6 82.6 123.8
160 44.8 36.2 54.2

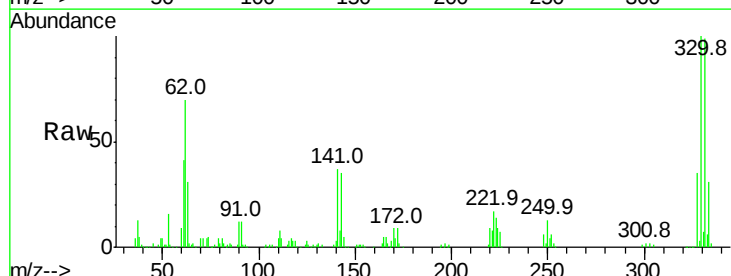


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

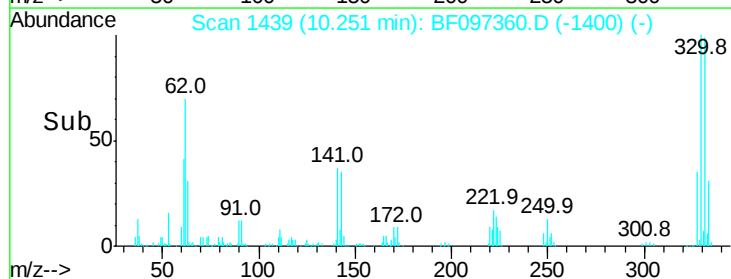
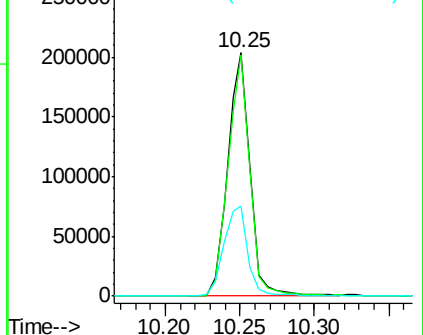


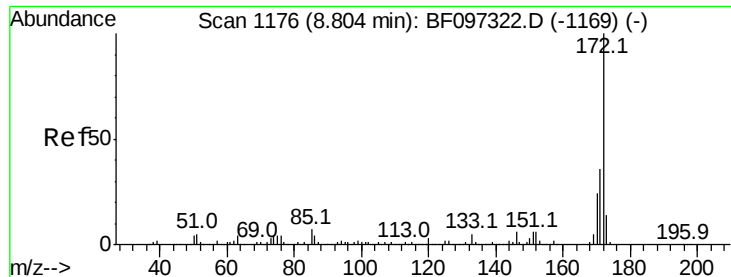
#41
2,4,6-Tribromophenol
Concen: 127.804 ng
RT: 10.25 min Scan# 1439
Delta R.T. -0.07 min
Lab File: BF097360.D
Acq: 4 Aug 2017 17:17

Tgt Ion:330 Resp: 216024
Ion Ratio Lower Upper
330 100
332 97.4 76.6 115.0
141 39.9 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

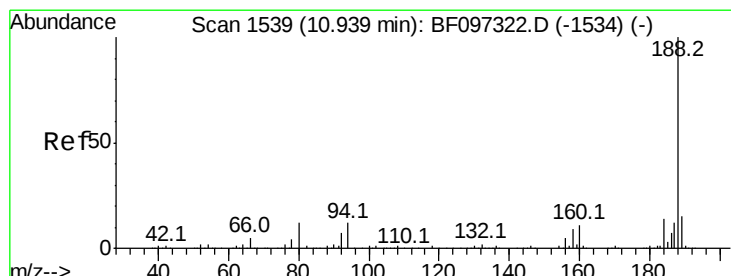
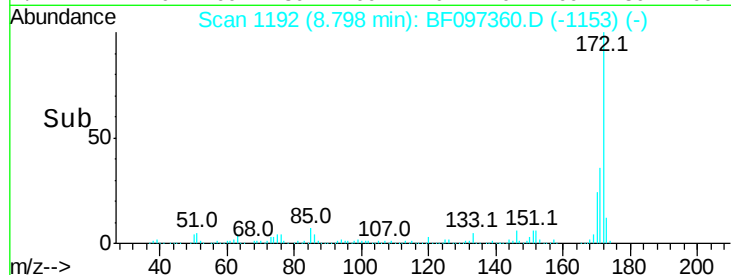
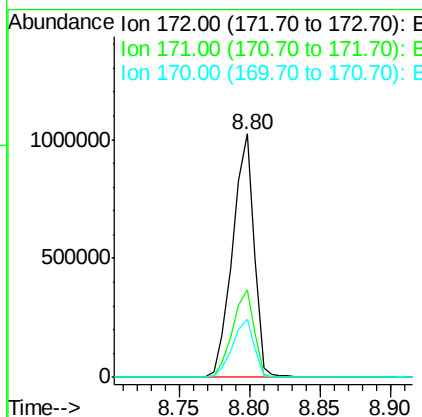
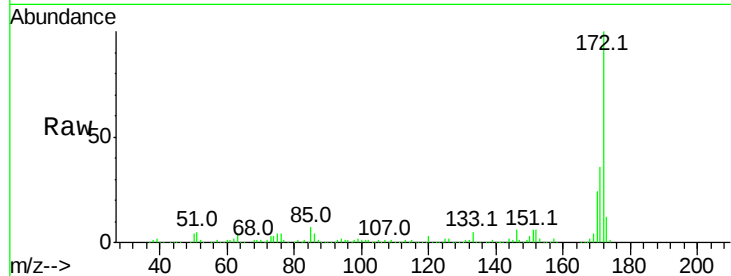




#44
 2-Fluorobiphenyl
 Concen: 86.442 ng
 RT: 8.80 min Scan# 1192
 Delta R.T. -0.07 min
 Lab File: BF097360.D
 Acq: 4 Aug 2017 17:17

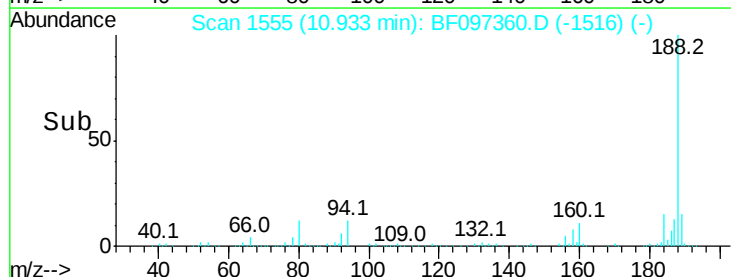
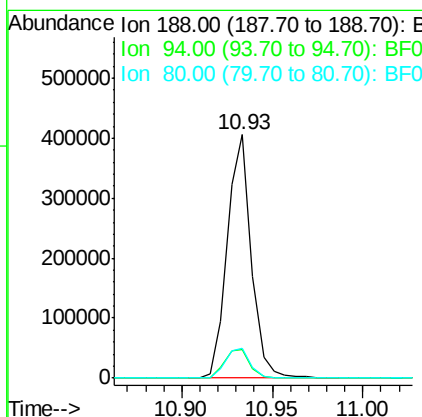
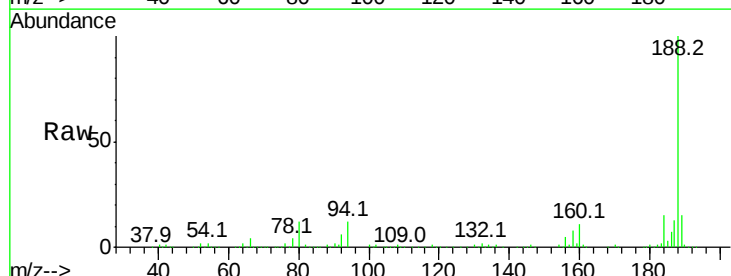
Instrument :
 BNA_F
 ClientSampleId :
 TRC-MW-101D

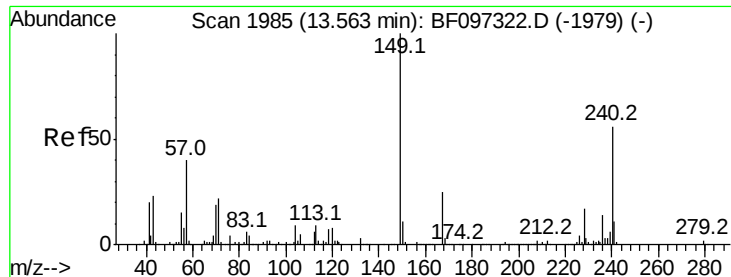
Tot Ion:172 Resp: 1089663
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 24.0 19.8 29.8



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 10.93 min Scan# 1555
 Delta R.T. -0.07 min
 Lab File: BF097360.D
 Acq: 4 Aug 2017 17:17

Tgt Ion:188 Resp: 372778
 Ion Ratio Lower Upper
 188 100
 94 11.5 9.4 14.2
 80 12.1 10.2 15.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.55 min Scan# 2000

Delta R.T. -0.08 min

Lab File: BF097360.D

Acq: 4 Aug 2017 17:17

Instrument :

BNA_F

ClientSampleId :

TRC-MW-101D

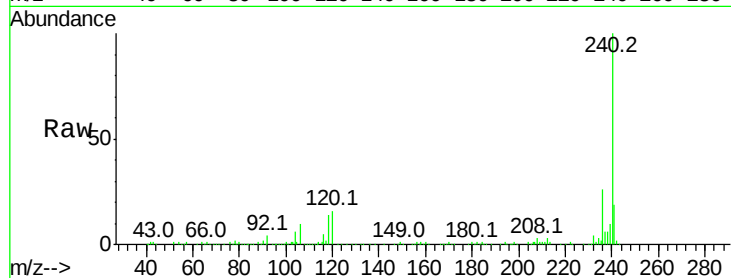
Tot Ion:240 Resp: 311713

Ion Ratio Lower Upper

240 100

120 16.0 5.8 8.8#

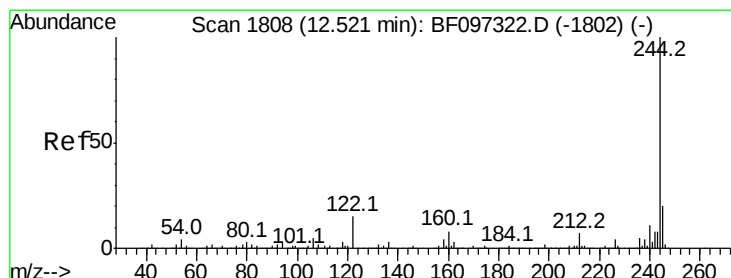
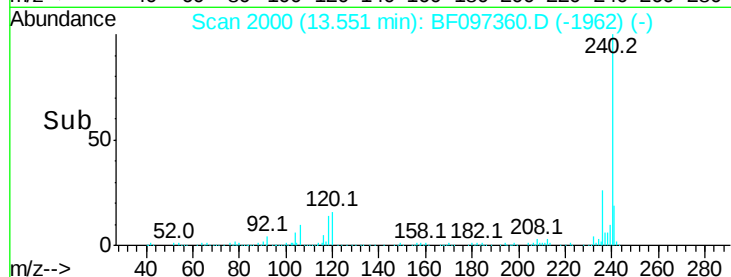
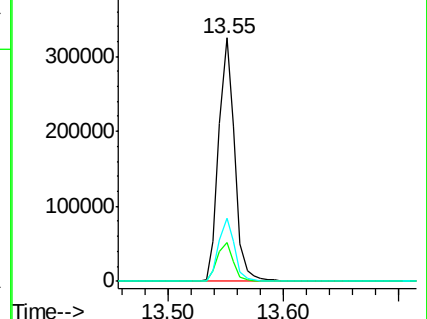
236 25.7 20.5 30.7



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: 62.202 ng

RT: 12.52 min Scan# 1824

Delta R.T. -0.07 min

Lab File: BF097360.D

Acq: 4 Aug 2017 17:17

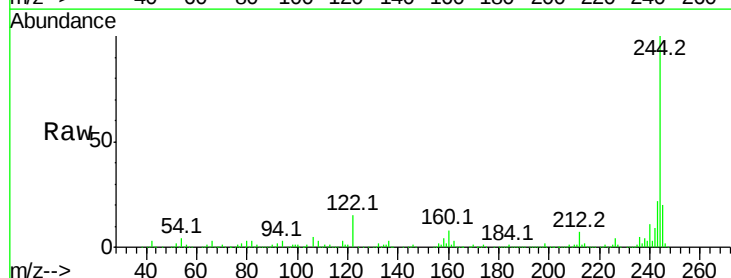
Tgt Ion:244 Resp: 950991

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

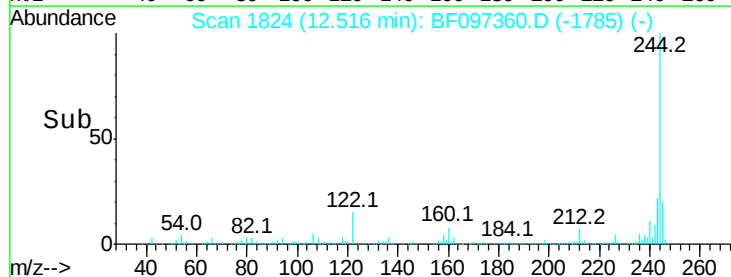
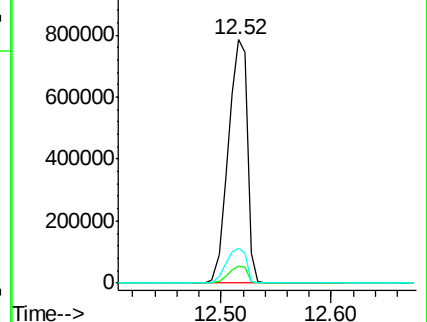
122 14.5 10.3 15.5

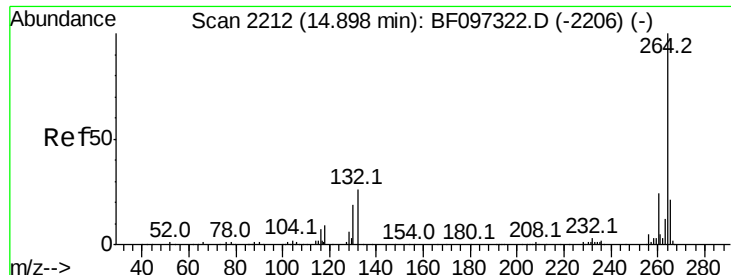


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

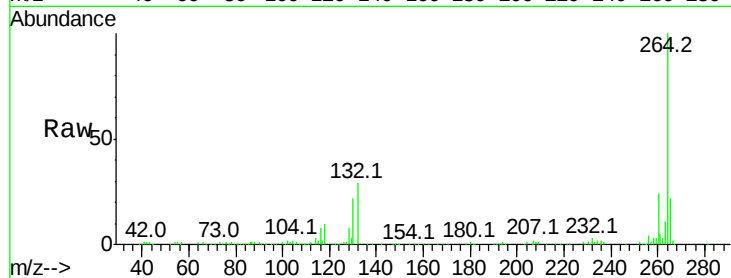




#86
Pervlene-d12
Concen: 20.000 ng
RT: 14.89 min Scan# 2227
Delta R.T. -0.09 min
Lab File: BF097360.D
Acq: 4 Aug 2017 17:17

Instrument :
BNA_F
ClientSampleId :
TRC-MW-101D

Tot Ion:264 Resp: 235262
Ion Ratio Lower Upper
264 100
260 23.9 19.5 29.3
265 21.5 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

