

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
 Data File : BF097295.D
 Acq On : 3 Aug 2017 1:21
 Operator : SJ/JU
 Sample : I4535-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRC-MW-101

Quant Time: Aug 03 02:25:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	88608	20.00	ng	-0.05
21) Naphthalene-d8	7.73	136	373958	20.00	ng	-0.05
38) Acenaphthene-d10	9.47	164	172007	20.00	ng	-0.06
63) Phenanthrene-d10	10.95	188	228851	20.00	ng	-0.05
75) Chrysene-d12	13.57	240	178083	20.00	ng	-0.05
86) Perylene-d12	14.92	264	127263	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	264308	44.97	ng	-0.05
7) Phenol-d6	6.12	99	176199	26.26	ng	-0.05
23) Nitrobenzene-d5	7.02	82	407942	64.00	ng	-0.05
41) 2,4,6-Tribromophenol	10.26	330	117936	86.78	ng	-0.06
44) 2-Fluorobiphenyl	8.82	172	794506	78.39	ng	-0.05
78) Terphenyl-d14	12.53	244	466115	53.37	ng	-0.05

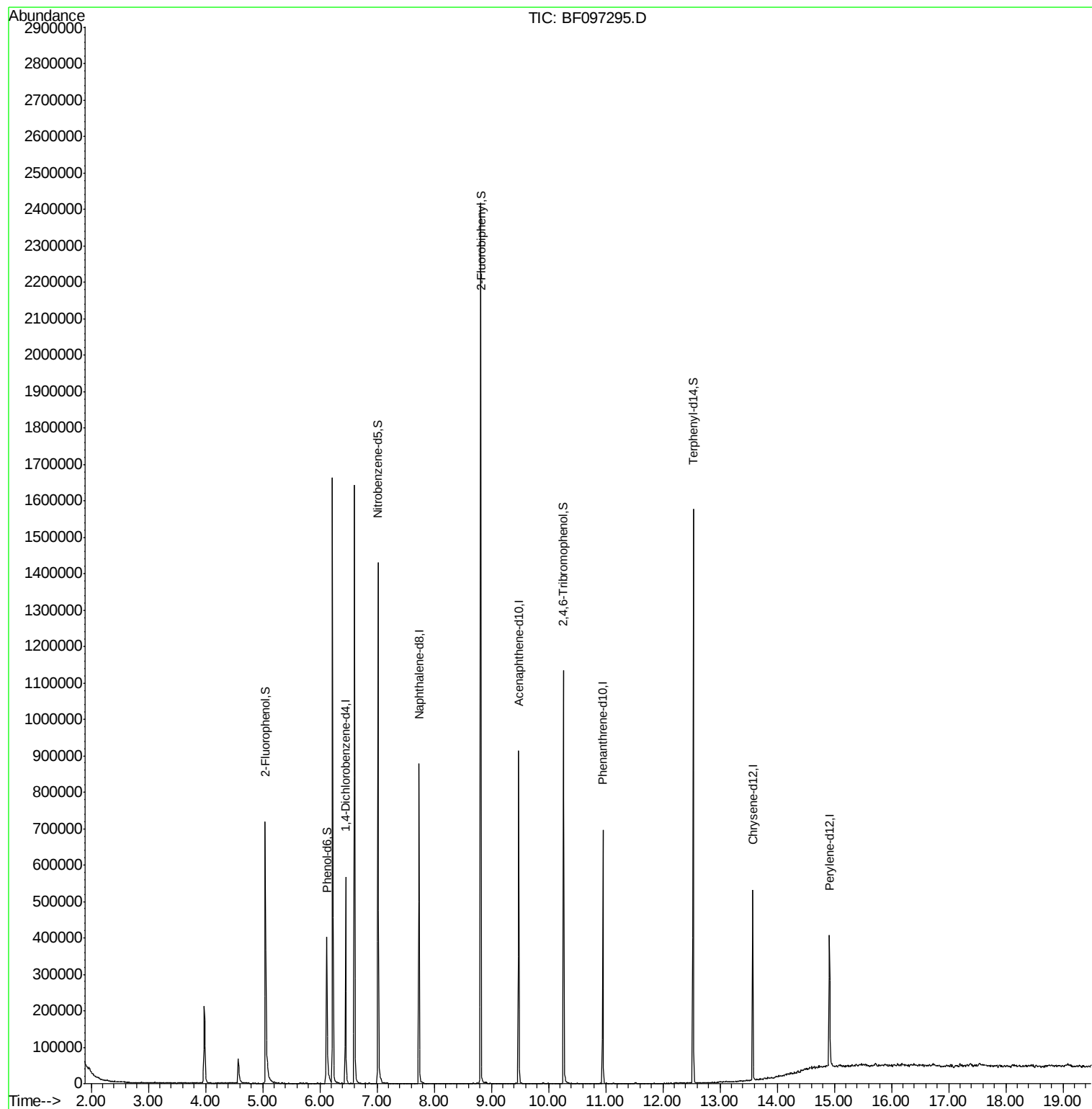
Target Compounds Qvalue

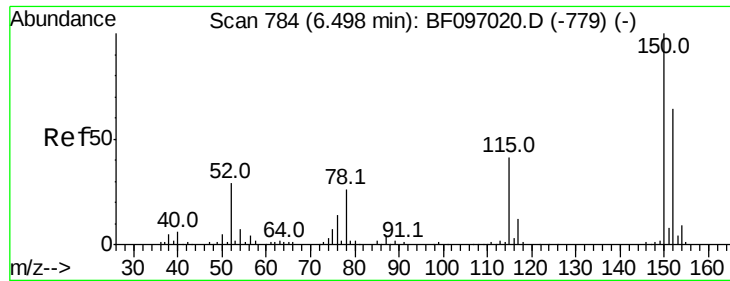
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : I4535-01
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ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TRC-MW-101I

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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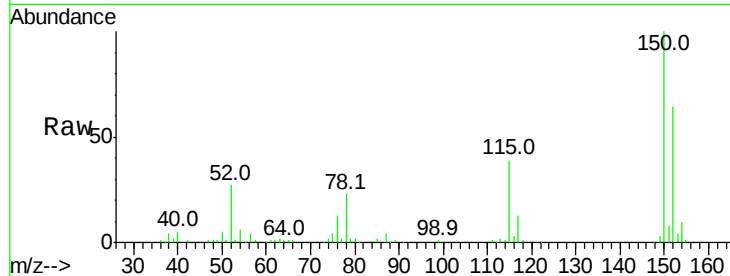


#1

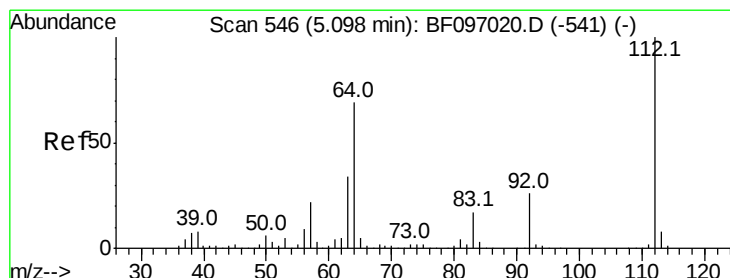
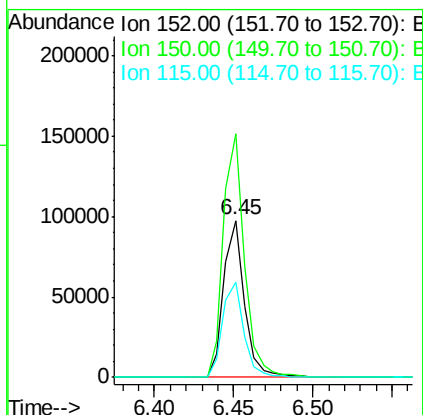
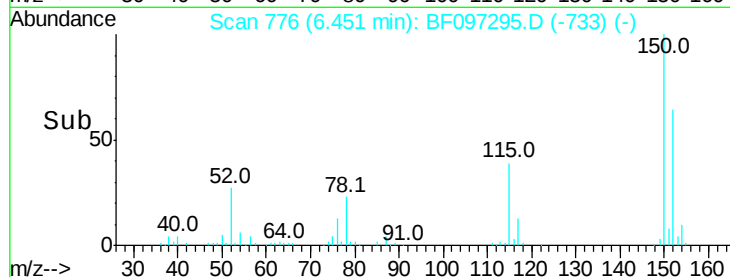
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.45 min Scan# 776
 Delta R.T. -0.05 min
 Lab File: BF097295.D
 Acq: 3 Aug 2017 1:21

Instrument :
 BNA_F
 ClientSampleId :
 TRC-MW-101

Tot Ion:152 Resp: 88608
 Ion Ratio Lower Upper
 152 100
 150 155.3 126.2 189.2
 115 61.0 52.2 78.2



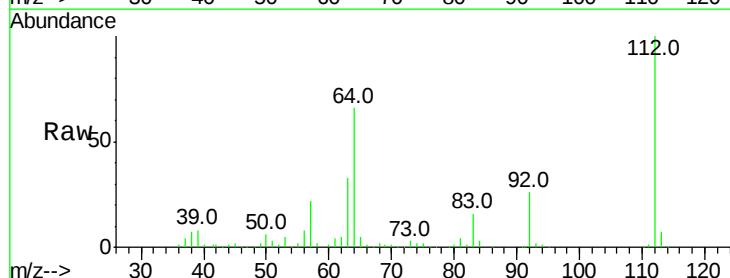
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



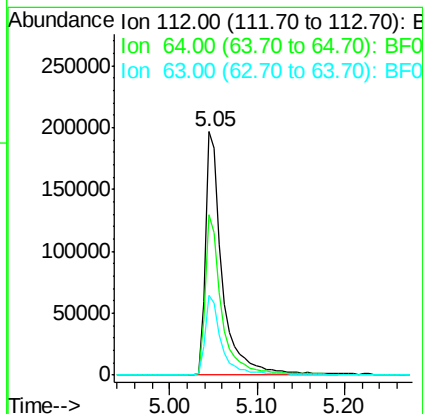
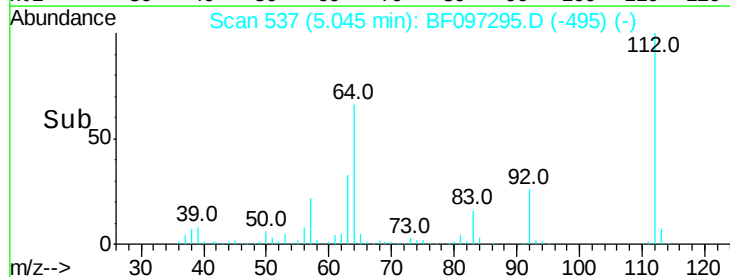
#5

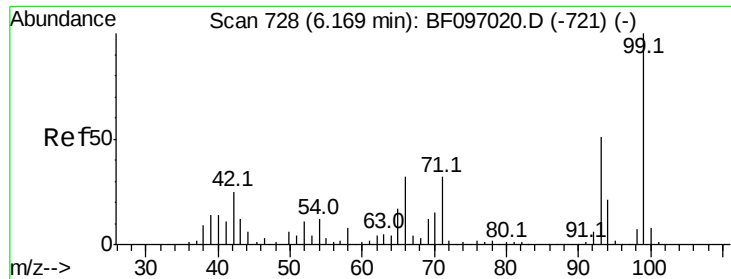
2-Fluorophenol
 Concen: 44.967 ng
 RT: 5.05 min Scan# 537
 Delta R.T. -0.05 min
 Lab File: BF097295.D
 Acq: 3 Aug 2017 1:21

Tgt Ion:112 Resp: 264308
 Ion Ratio Lower Upper
 112 100
 64 65.7 46.0 69.0
 63 32.9 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: 26.258 ng

RT: 6.12 min Scan# 720

Delta R.T. -0.05 min

Lab File: BF097295.D

Acq: 3 Aug 2017 1:21

Instrument :

BNA_F

ClientSampleId :

TRC-MW-101

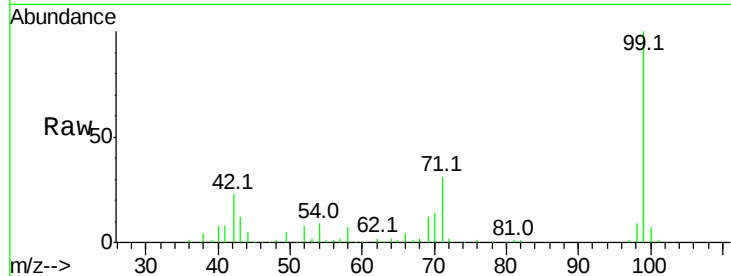
Tot Ion: 99 Resp: 176199

Ion Ratio Lower Upper

99 100

42 22.6 13.5 20.3#

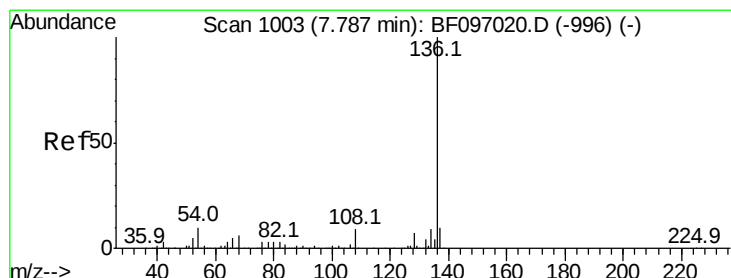
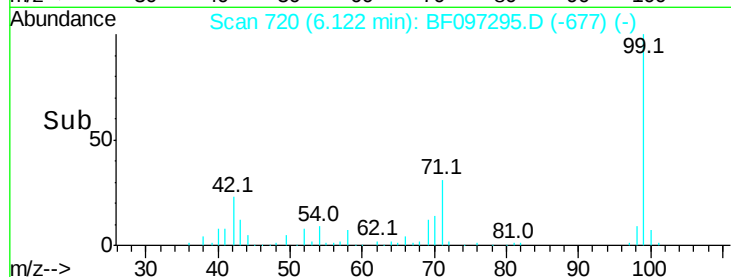
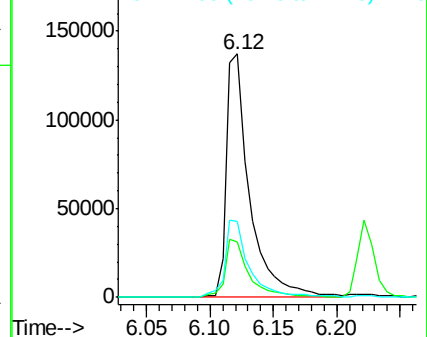
71 31.0 24.5 36.7



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: 7.73 min Scan# 994

Delta R.T. -0.05 min

Lab File: BF097295.D

Acq: 3 Aug 2017 1:21

Tgt Ion: 136 Resp: 373958

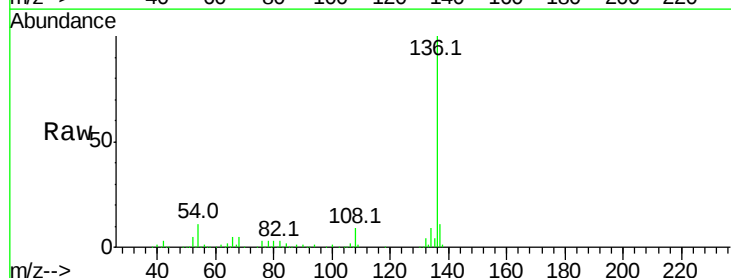
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 10.5 4.9 7.3#

68 5.1 4.1 6.1

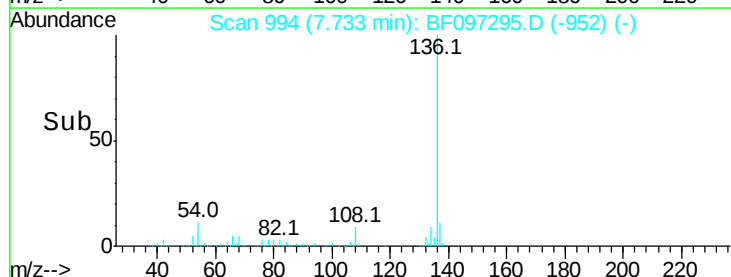
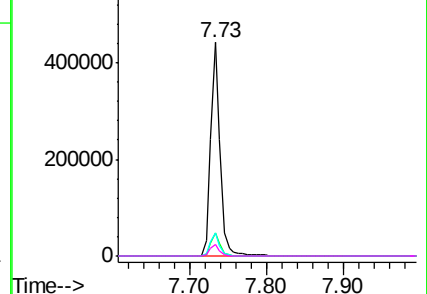


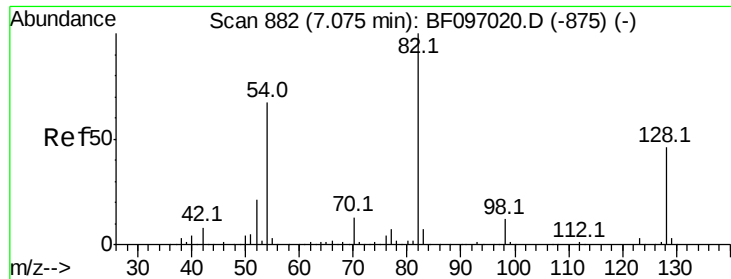
Abundance Ion 136.00 (135.70 to 136.70): E

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

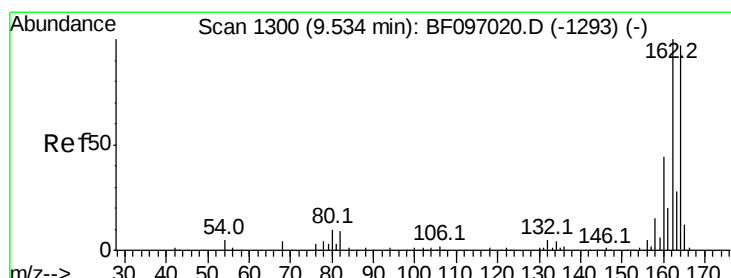
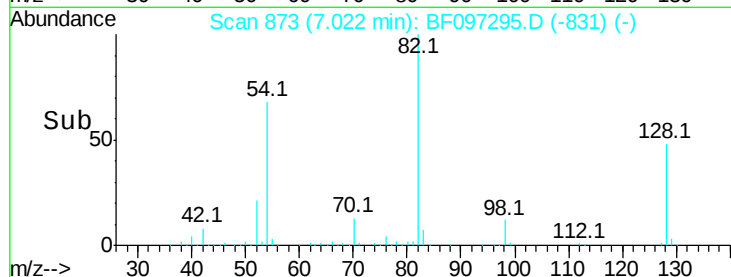
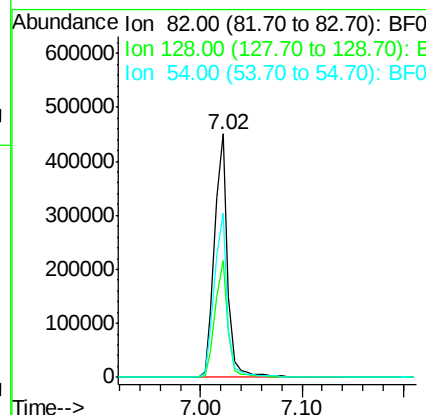
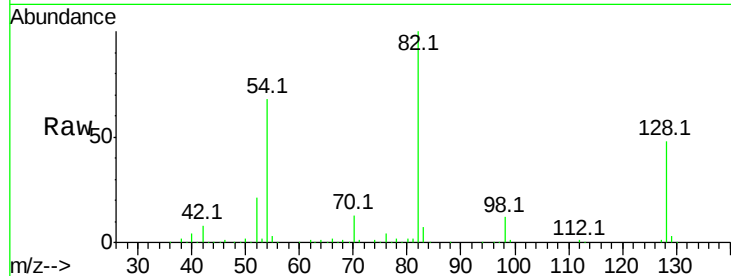




#23
 Nitrobenzene-d5
 Concen: 63.995 ng
 RT: 7.02 min Scan# 873
 Delta R.T. -0.05 min
 Lab File: BF097295.D
 Acq: 3 Aug 2017 1:21

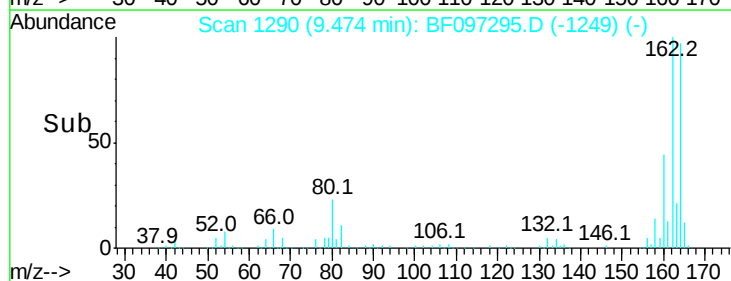
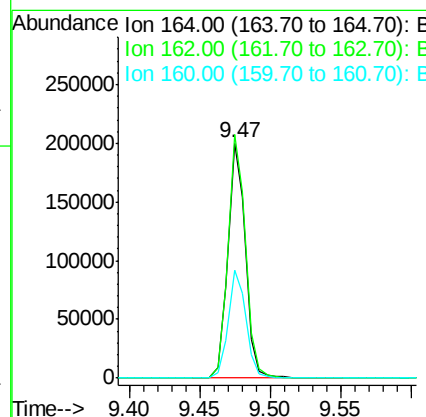
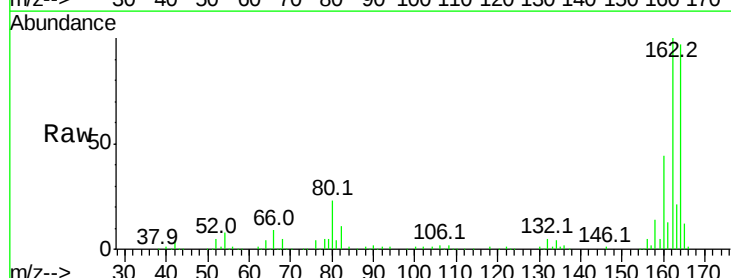
Instrument :
 BNA_F
 ClientSampleId :
 TRC-MW-101

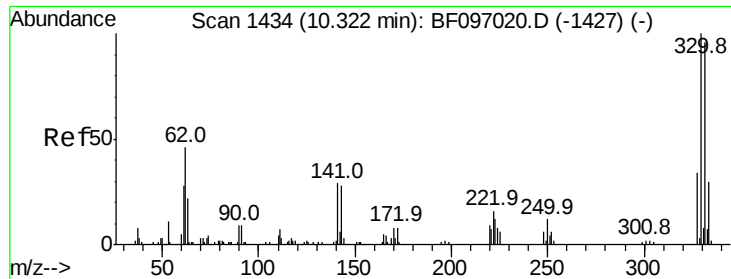
Tot Ion: 82 Resp: 407942
 Ion Ratio Lower Upper
 82 100
 128 47.8 34.0 51.0
 54 67.7 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.06 min
 Lab File: BF097295.D
 Acq: 3 Aug 2017 1:21

Tgt Ion:164 Resp: 172007
 Ion Ratio Lower Upper
 164 100
 162 103.6 82.6 123.8
 160 46.0 36.2 54.2





#41

2,4,6-Tribromophenol

Concen: 86.780 ng

RT: 10.26 min Scan# 1424

Delta R.T. -0.06 min

Lab File: BF097295.D

Acq: 3 Aug 2017 1:21

Instrument :

BNA_F

ClientSampleId :

TRC-MW-101

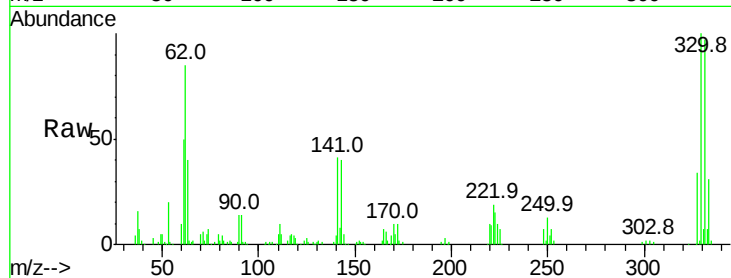
Tot Ion:330 Resp: 117936

Ion Ratio Lower Upper

330 100

332 98.5 76.6 115.0

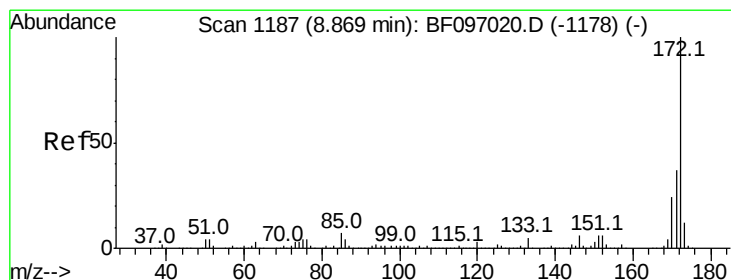
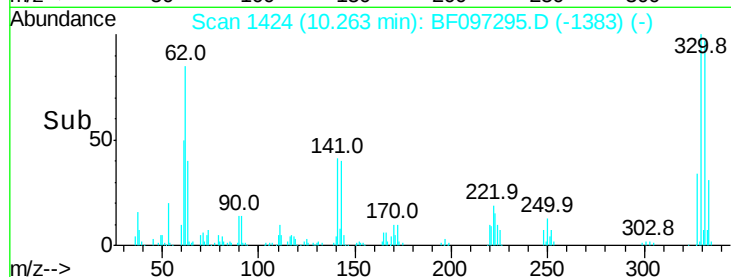
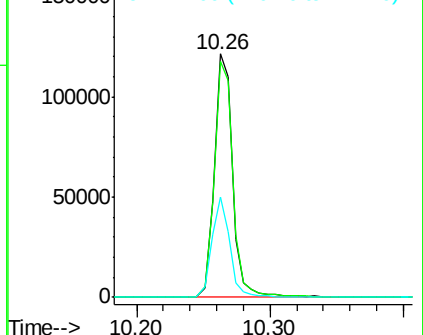
141 40.3 31.4 47.2



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: 78.389 ng

RT: 8.82 min Scan# 1178

Delta R.T. -0.05 min

Lab File: BF097295.D

Acq: 3 Aug 2017 1:21

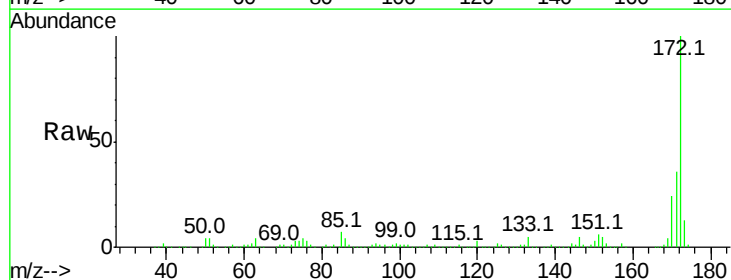
Tgt Ion:172 Resp: 794506

Ion Ratio Lower Upper

172 100

171 36.2 29.6 44.4

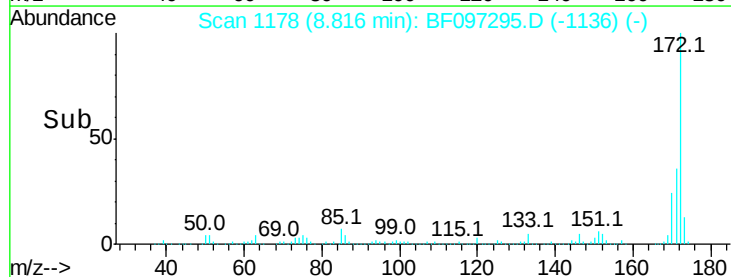
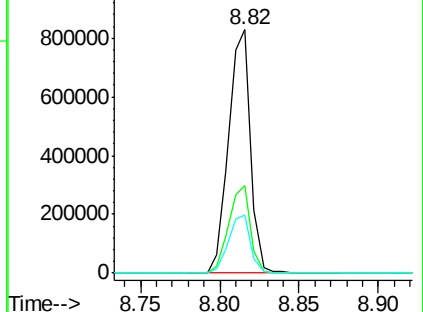
170 23.8 19.8 29.8

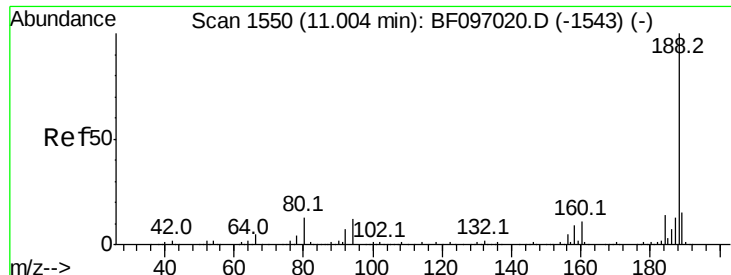


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 10.95 min Scan# 1541

Delta R.T. -0.05 min

Lab File: BF097295.D

Acq: 3 Aug 2017 1:21

Instrument :

BNA_F

ClientSampleId :

TRC-MW-101

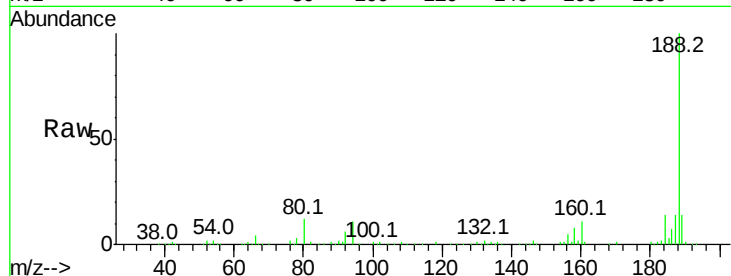
Tot Ion:188 Resp: 228851

Ion Ratio Lower Upper

188 100

94 11.2 9.4 14.2

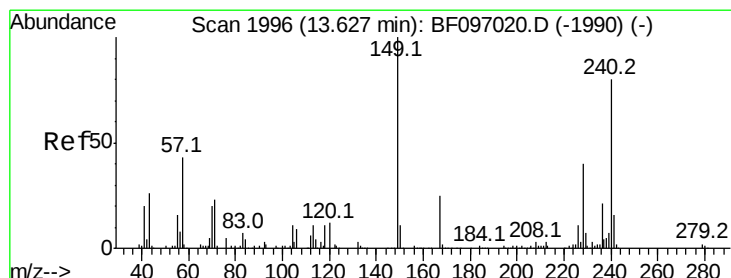
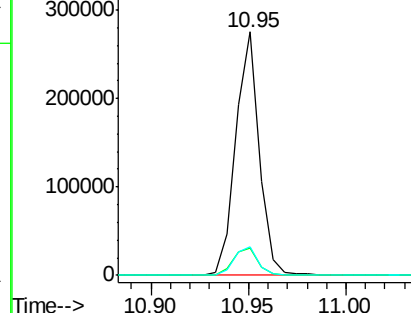
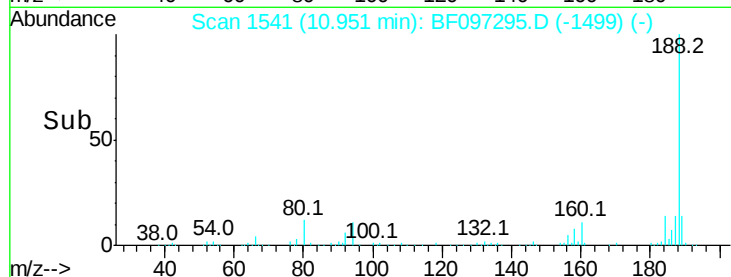
80 11.7 10.2 15.2



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: 13.57 min Scan# 1987

Delta R.T. -0.05 min

Lab File: BF097295.D

Acq: 3 Aug 2017 1:21

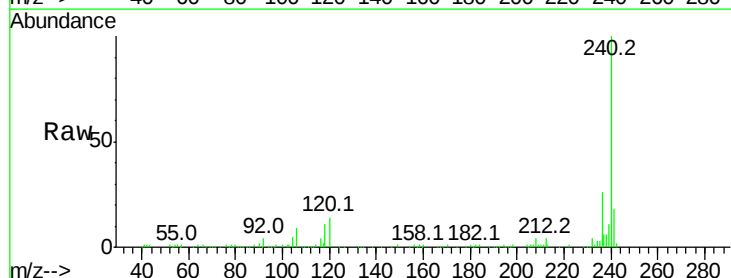
Tgt Ion:240 Resp: 178083

Ion Ratio Lower Upper

240 100

120 13.5 5.8 8.8#

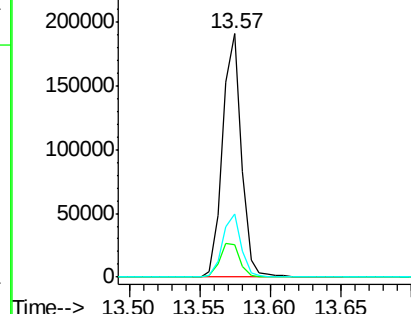
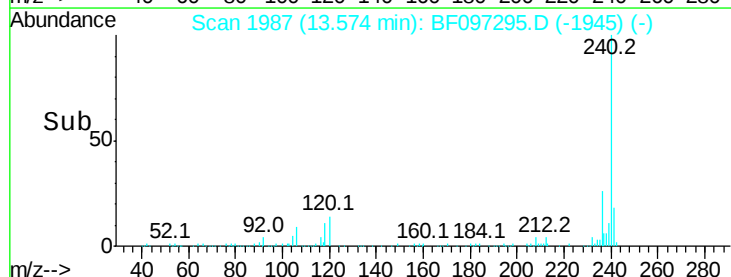
236 26.1 20.5 30.7

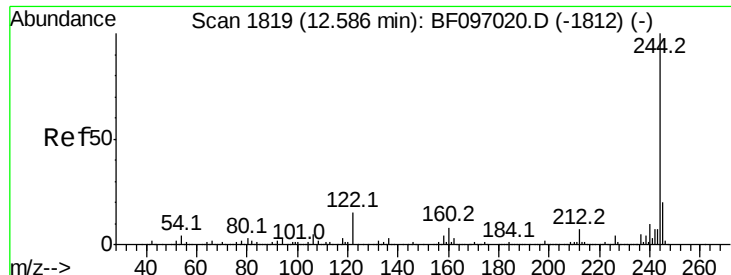


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

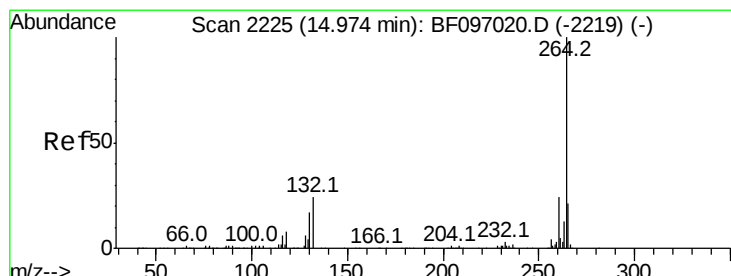
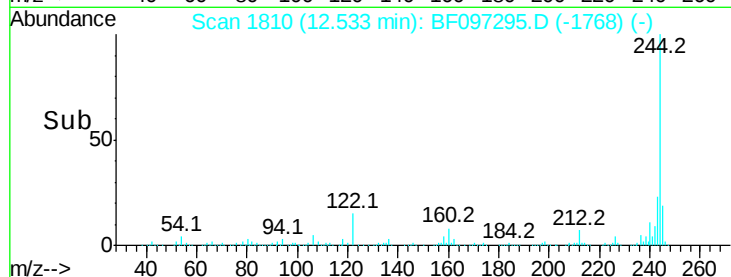
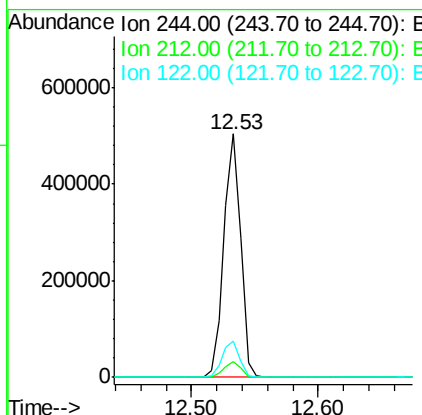
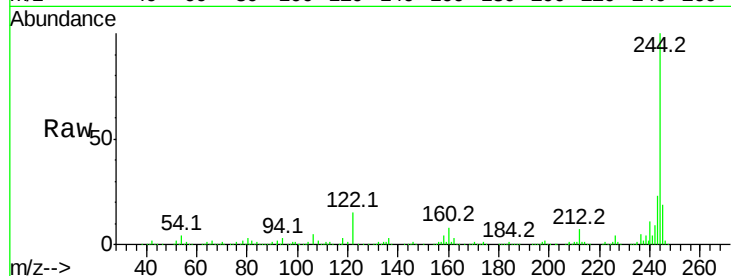




#78
 Terphenyl-d14
 Concen: 53.365 ng
 RT: 12.53 min Scan# 1810
 Delta R.T. -0.05 min
 Lab File: BF097295.D
 Acq: 3 Aug 2017 1:21

Instrument :
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 TRC-MW-101

Tot Ion:244 Resp: 466115
 Ion Ratio Lower Upper
 244 100
 212 6.5 6.0 9.0
 122 14.9 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.92 min Scan# 2215
 Delta R.T. -0.06 min
 Lab File: BF097295.D
 Acq: 3 Aug 2017 1:21

Tgt Ion:264 Resp: 127263
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 20.6 17.2 25.8

