

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
 Data File : BF097040.D
 Acq On : 25 Jul 2017 20:25
 Operator : SJ/JU
 Sample : I4369-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-6-20170720

Quant Time: Jul 26 01:53:11 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	6.50	152	136408	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	570739	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	267743	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	466757	20.00	ng	0.00
75) Chrysene-d12	13.62	240	292150	20.00	ng	0.00
86) Perylene-d12	14.97	264	206482	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	378871	41.87	ng	0.00
7) Phenol-d6	6.16	99	337372	32.66	ng	-0.01
23) Nitrobenzene-d5	7.07	82	667172	68.58	ng	0.00
41) 2,4,6-Tribromophenol	10.32	330	232086	109.71	ng	0.00
44) 2-Fluorobiphenyl	8.86	172	1235892	78.34	ng	0.00
78) Terphenyl-d14	12.59	244	902393	62.98	ng	0.00

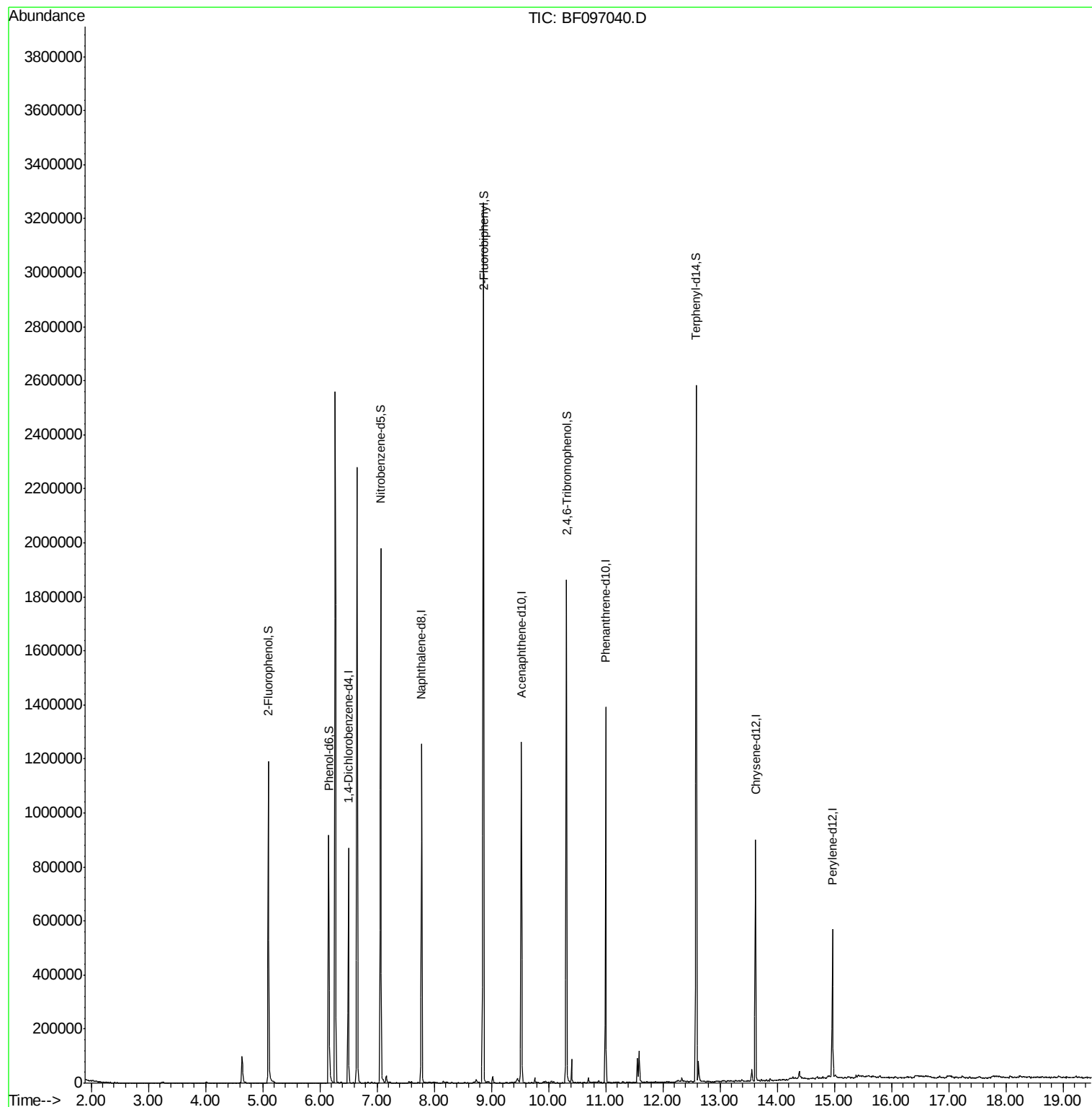
Target Compounds Qvalue

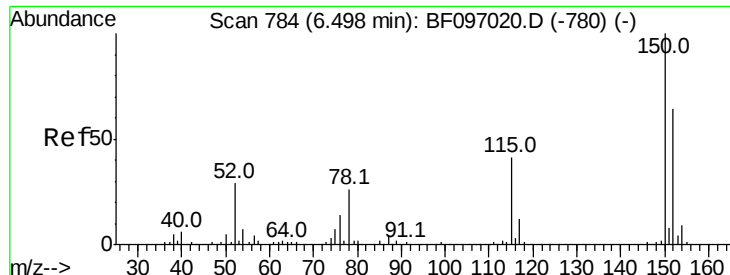
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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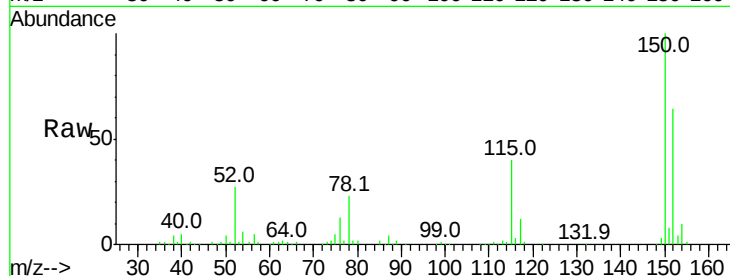


#1

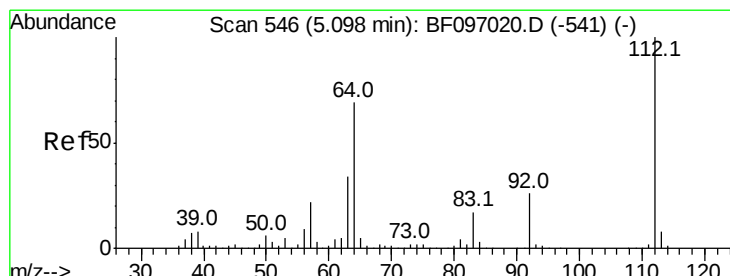
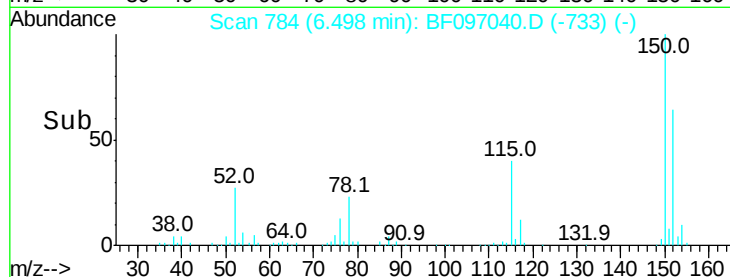
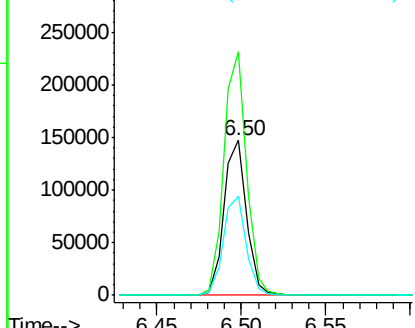
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.50 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF097040.D
Acq: 25 Jul 2017 20:25

Instrument :
BNA_F
ClientSampleId :
MW-6-20170720

Tot Ion:152 Resp: 136408
Ion Ratio Lower Upper
152 100
150 157.2 126.2 189.2
115 63.7 52.2 78.2



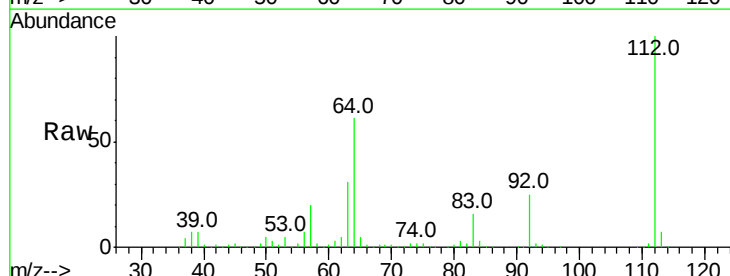
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



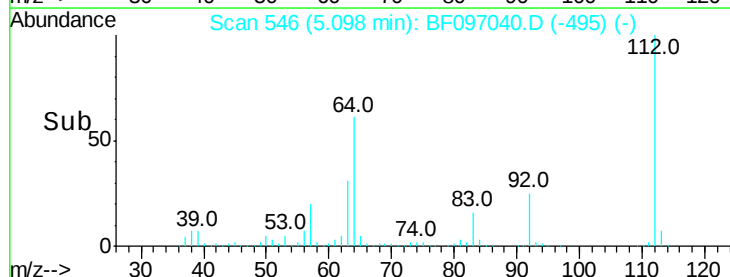
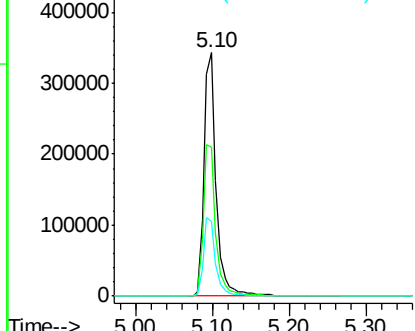
#5

2-Fluorophenol
Concen: 41.870 ng
RT: 5.10 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF097040.D
Acq: 25 Jul 2017 20:25

Tgt Ion:112 Resp: 378871
Ion Ratio Lower Upper
112 100
64 61.1 46.0 69.0
63 30.8 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: 32.659 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF097040.D

Acq: 25 Jul 2017 20:25

Instrument :

BNA_F

ClientSampleId :

MW-6-20170720

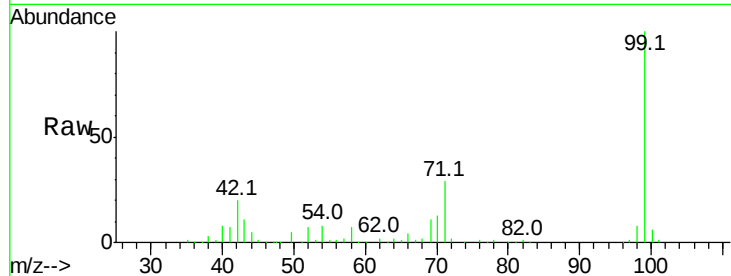
Tot Ion: 99 Resp: 337372

Ion Ratio Lower Upper

99 100

42 20.3 13.5 20.3#

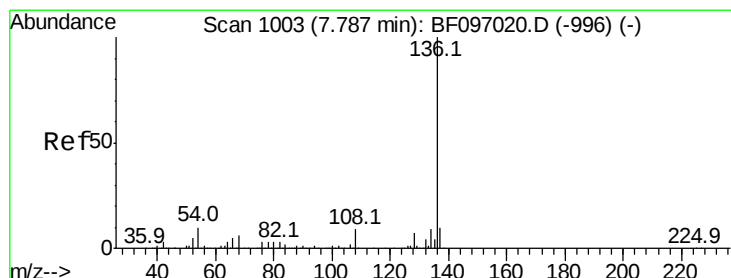
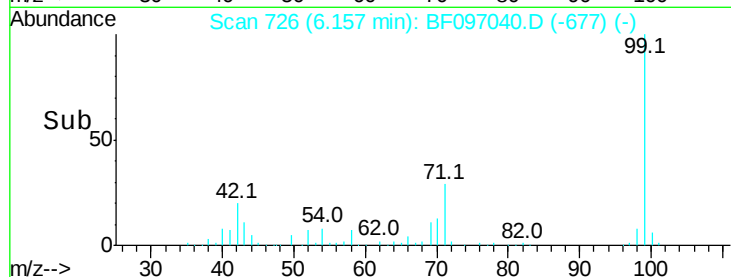
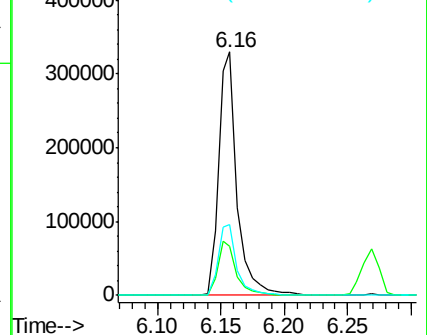
71 29.2 24.5 36.7



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: 7.78 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF097040.D

Acq: 25 Jul 2017 20:25

Tgt Ion: 136 Resp: 570739

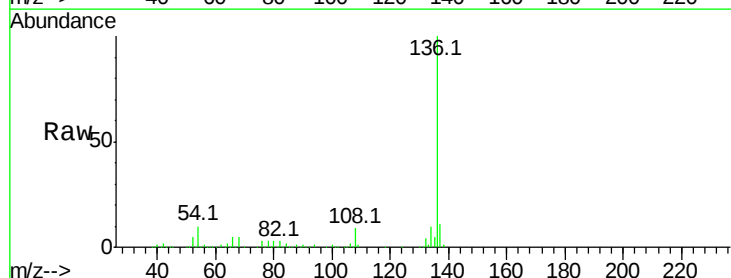
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 10.1 4.9 7.3#

68 5.5 4.1 6.1

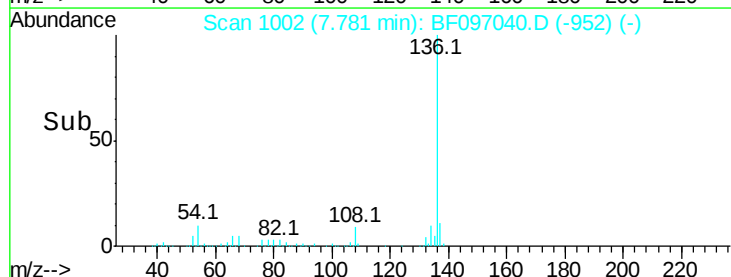
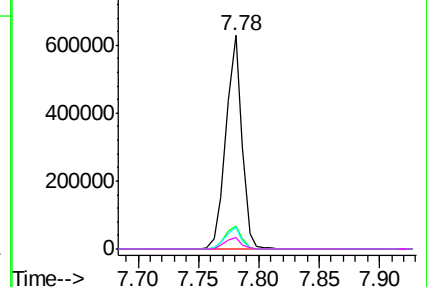


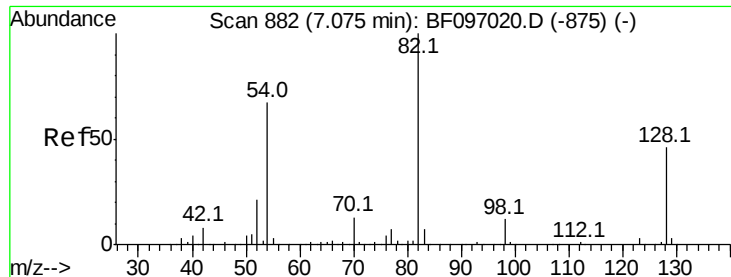
Abundance Ion 136.00 (135.70 to 136.70): E

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

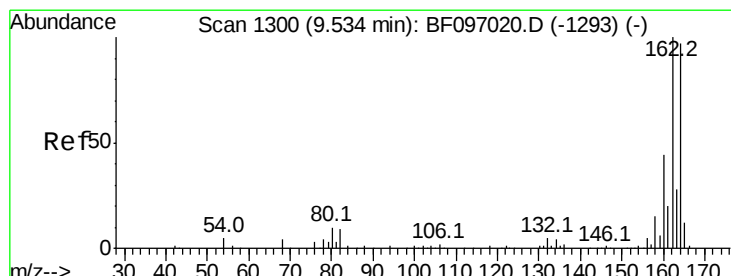
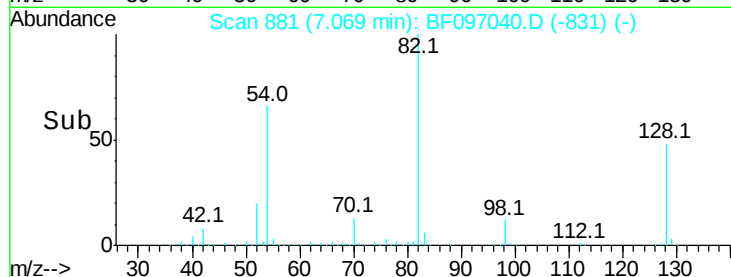
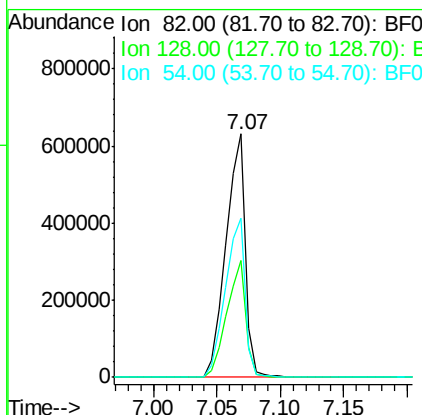
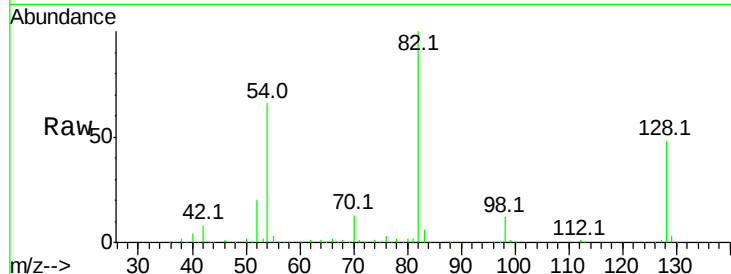




#23
Nitrobenzene-d5
Concen: 68.576 ng
RT: 7.07 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF097040.D
Acq: 25 Jul 2017 20:25

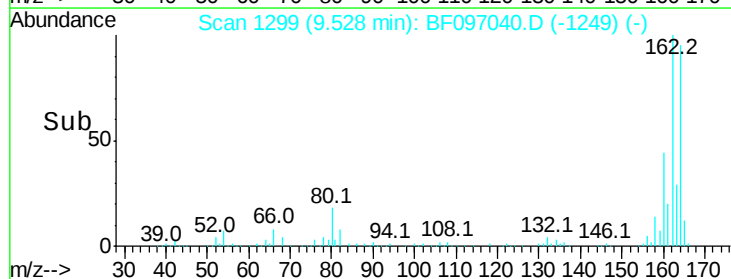
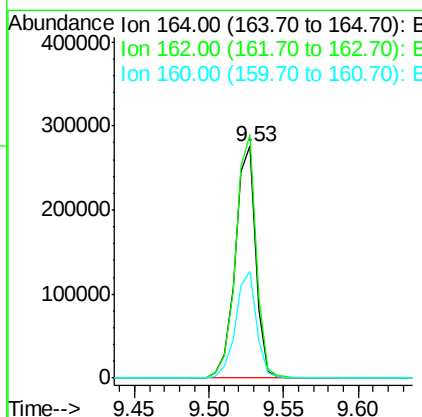
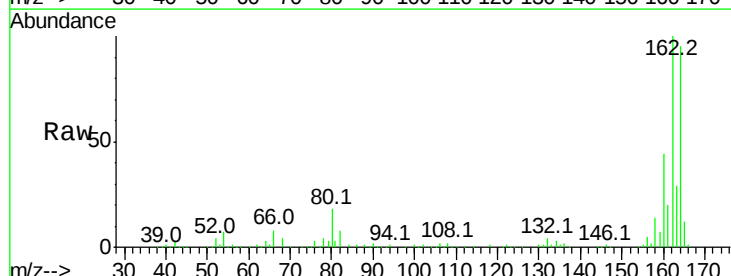
Instrument :
BNA_F
ClientSampleId :
MW-6-20170720

Tot Ion: 82 Resp: 667172
Ion Ratio Lower Upper
82 100
128 47.9 34.0 51.0
54 65.6 42.2 63.2#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.53 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF097040.D
Acq: 25 Jul 2017 20:25

Tgt Ion:164 Resp: 267743
Ion Ratio Lower Upper
164 100
162 105.1 82.6 123.8
160 46.2 36.2 54.2

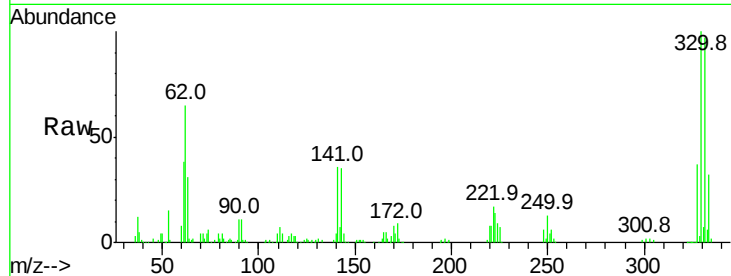




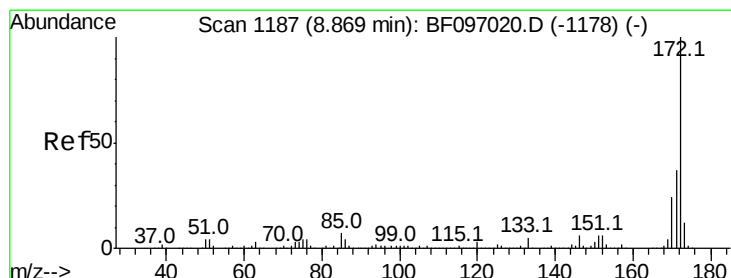
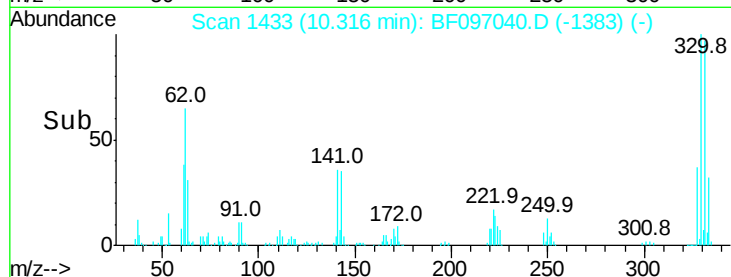
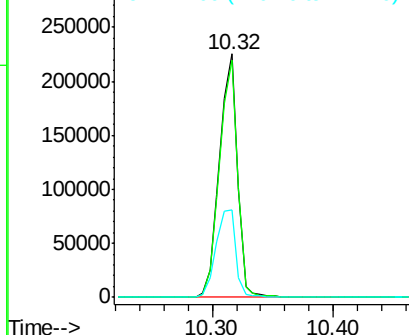
#41
 2,4,6-Tribromophenol
 Concen: 109.711 ng
 RT: 10.32 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF097040.D
 Acq: 25 Jul 2017 20:25

Instrument :
 BNA_F
 ClientSampleId :
 MW-6-20170720

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.6	115.0
141	39.3	31.4	47.2

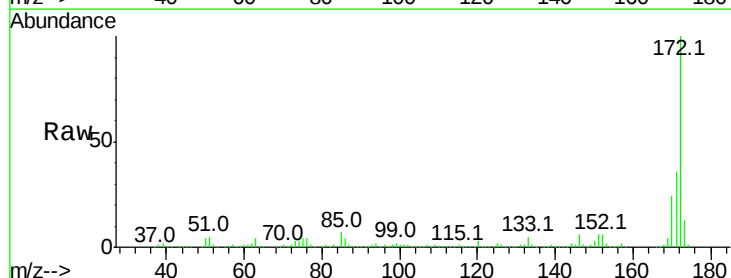


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

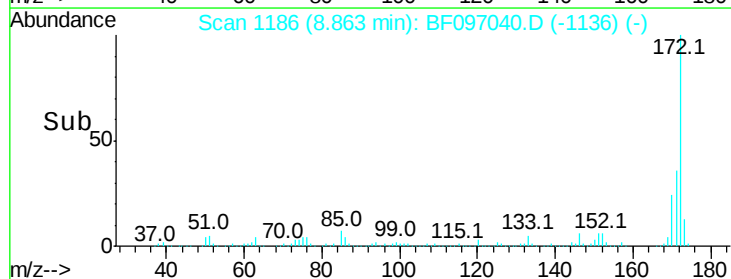
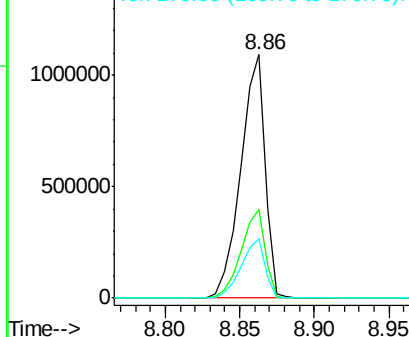


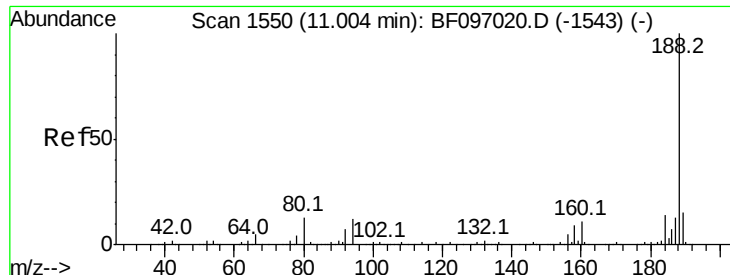
#44
 2-Fluorobiphenyl
 Concen: 78.337 ng
 RT: 8.86 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF097040.D
 Acq: 25 Jul 2017 20:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.5	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

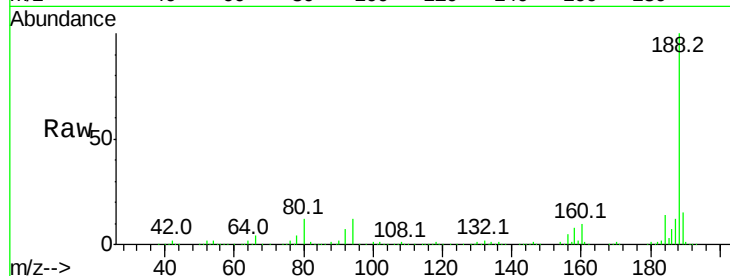




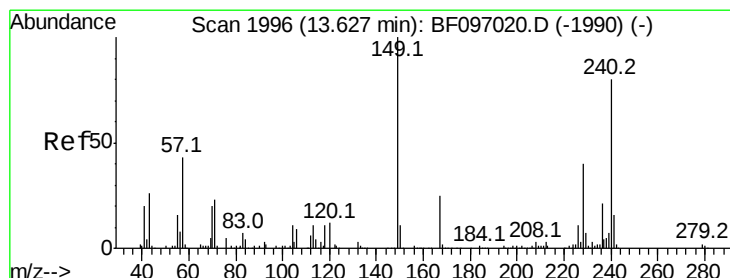
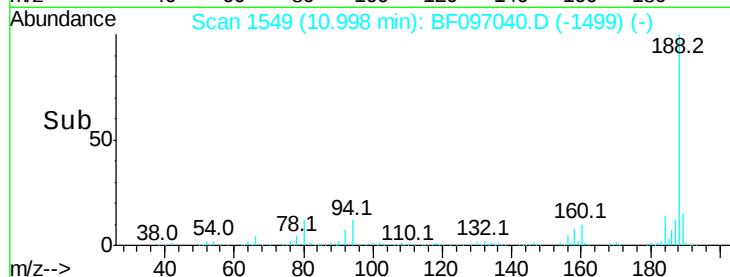
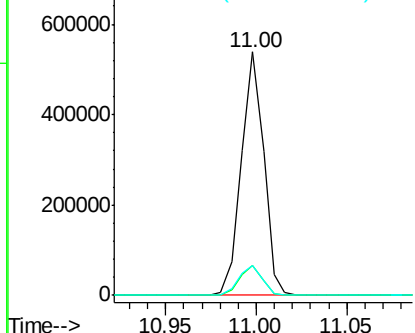
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.00 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF097040.D
Acq: 25 Jul 2017 20:25

Instrument :
BNA_F
ClientSampleId :
MW-6-20170720

Tot Ion:188 Resp: 466757
Ion Ratio Lower Upper
188 100
94 12.5 9.4 14.2
80 12.3 10.2 15.2

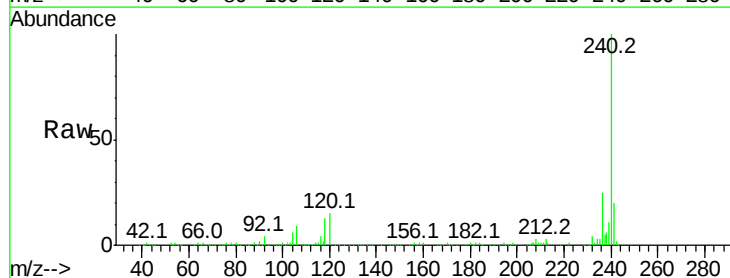


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

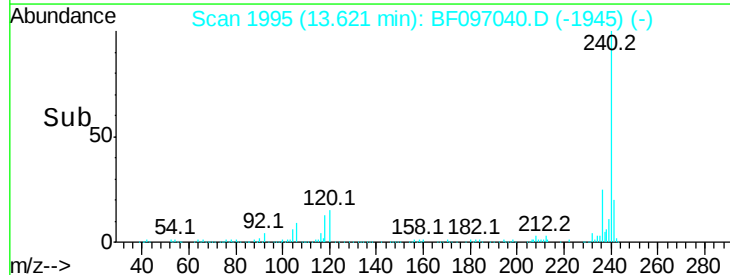
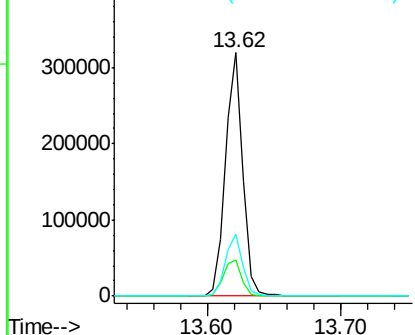


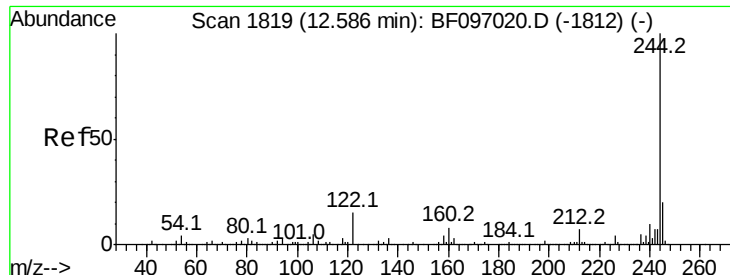
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.62 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF097040.D
Acq: 25 Jul 2017 20:25

Tgt Ion:240 Resp: 292150
Ion Ratio Lower Upper
240 100
120 14.7 5.8 8.8#
236 25.5 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: 62.976 ng

RT: 12.59 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BF097040.D

Acq: 25 Jul 2017 20:25

Instrument :

BNA_F

ClientSampleId :

MW-6-20170720

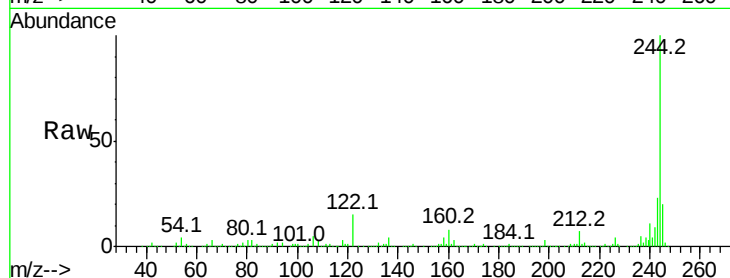
Tot Ion:244 Resp: 902393

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

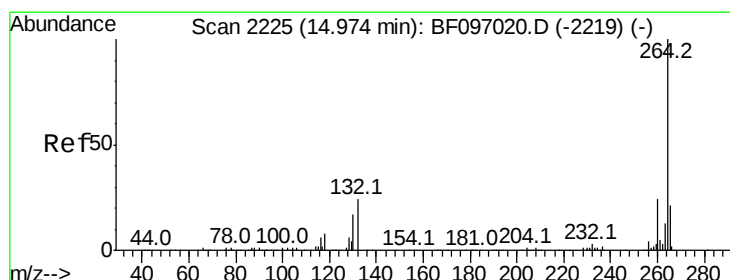
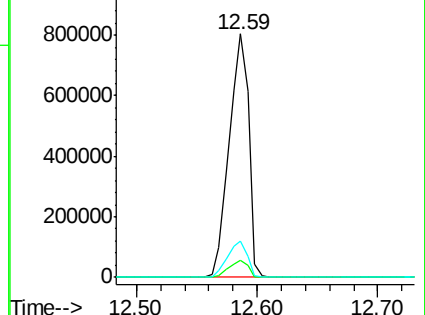
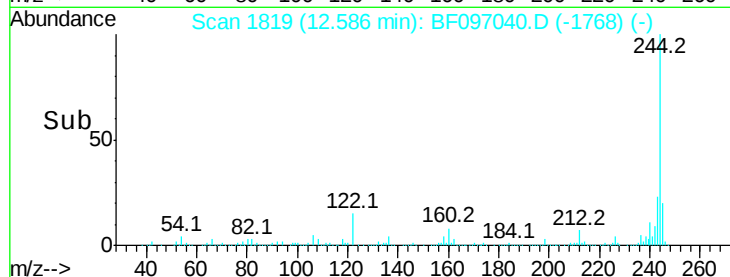
122 14.9 10.3 15.5



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

Perylene-d12

Concen: 20.000 ng

RT: 14.97 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BF097040.D

Acq: 25 Jul 2017 20:25

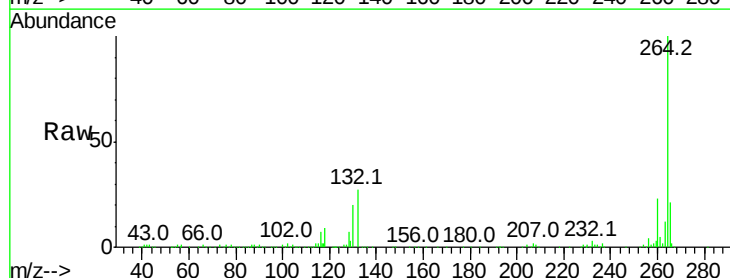
Tgt Ion:264 Resp: 206482

Ion Ratio Lower Upper

264 100

260 23.2 19.5 29.3

265 21.1 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

