

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
 Data File : BF097127.D
 Acq On : 27 Jul 2017 17:24
 Operator : SJ/JU
 Sample : PB101003BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101003BL

Quant Time: Jul 28 01:19:47 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	6.49	152	80312	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	344883	20.00	ng	-0.02
38) Acenaphthene-d10	9.52	164	120591	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	213510	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	182503	20.00	ng	-0.02
86) Perylene-d12	14.96	264	159334	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	689067	129.34	ng	0.00
7) Phenol-d6	6.15	99	803307	132.08	ng	-0.02
23) Nitrobenzene-d5	7.05	82	460689	78.36	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	116505	122.28	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	793752	111.71	ng	-0.02
78) Terphenyl-d14	12.57	244	512942	57.30	ng	-0.01

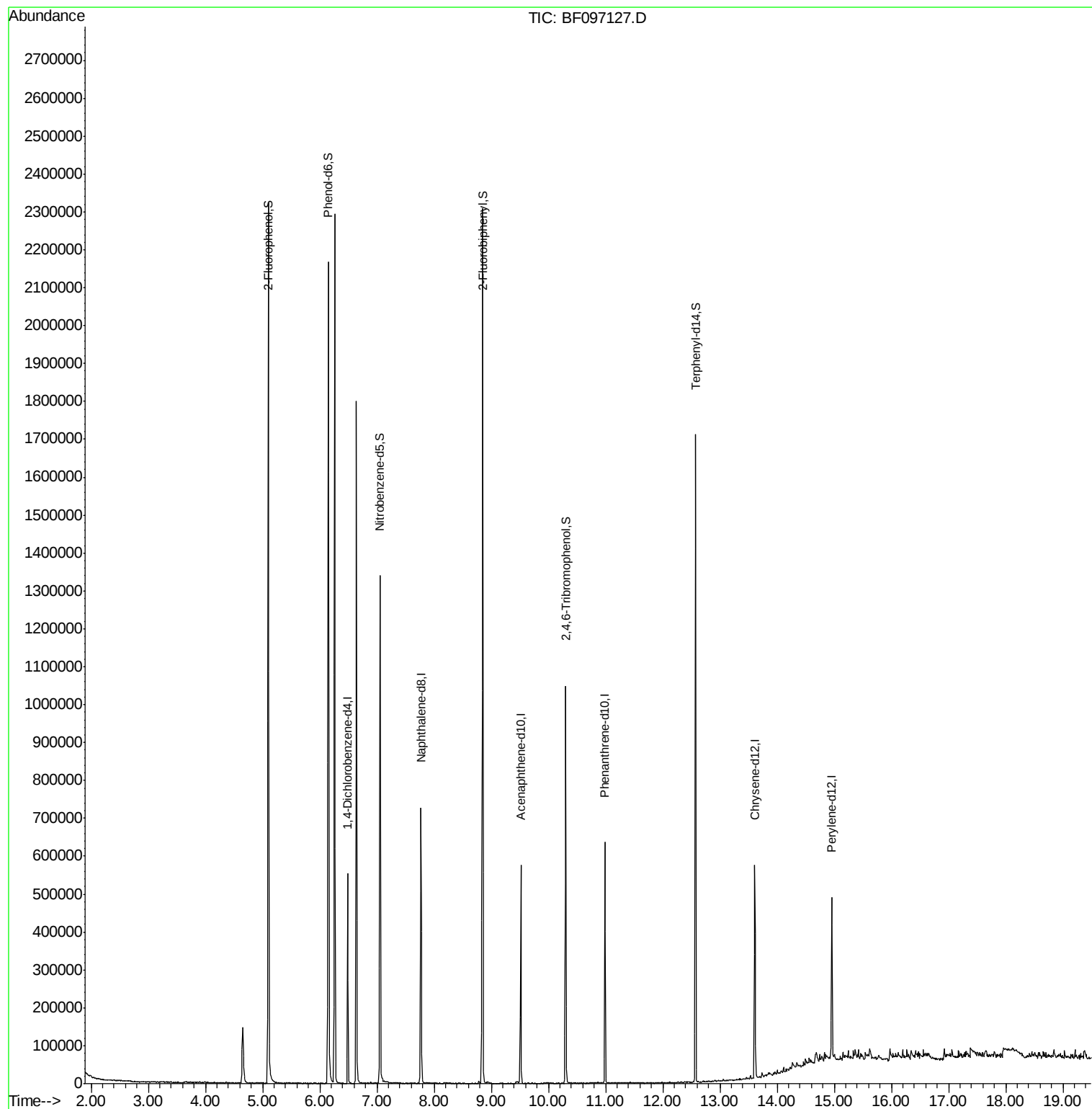
Target Compounds Qvalue

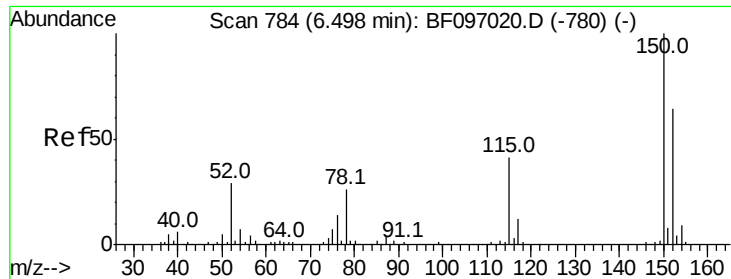
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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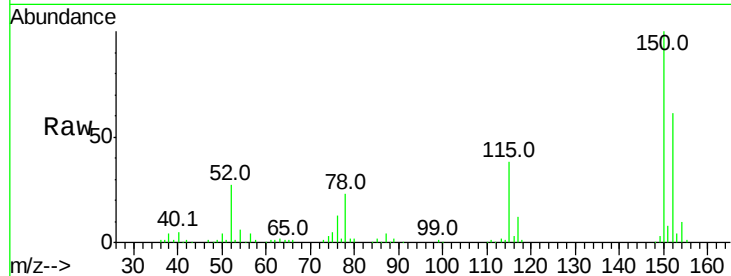


#1

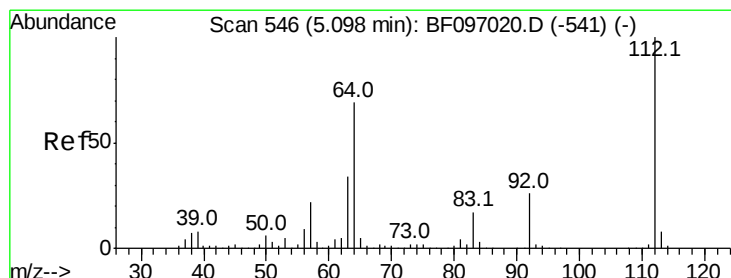
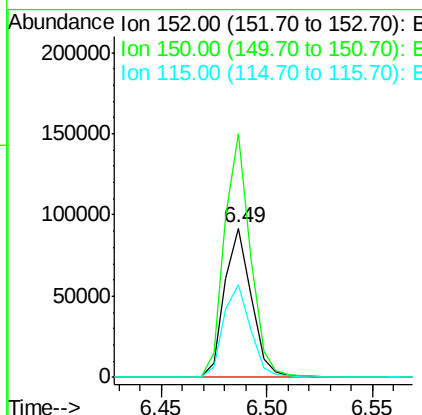
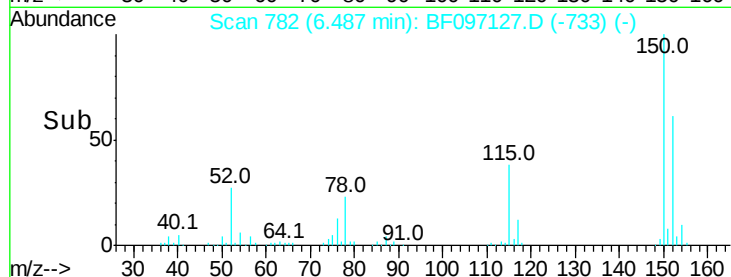
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097127.D
Acq: 27 Jul 2017 17:24

Instrument :
BNA_F
ClientSampleId :
PB101003BL

Tot Ion:152 Resp: 80312
Ion Ratio Lower Upper
152 100
150 163.5 126.2 189.2
115 62.3 52.2 78.2



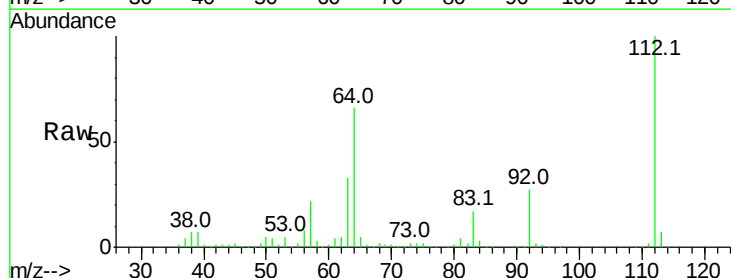
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



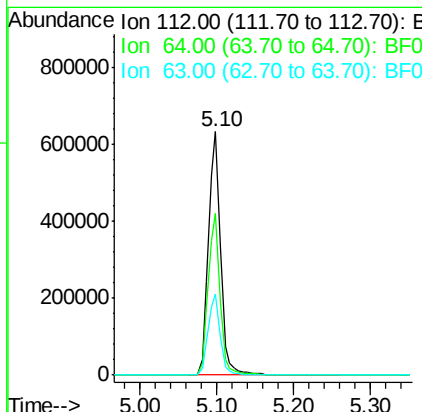
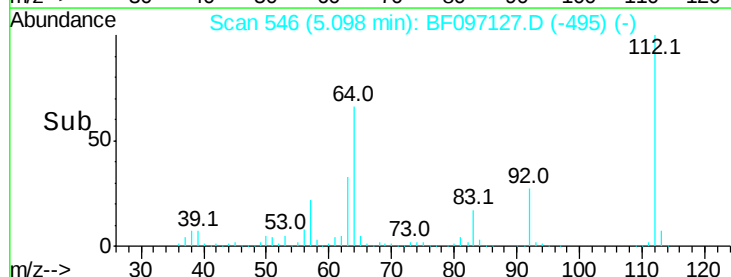
#5

2-Fluorophenol
Concen: 129.341 ng
RT: 5.10 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF097127.D
Acq: 27 Jul 2017 17:24

Tgt Ion:112 Resp: 689067
Ion Ratio Lower Upper
112 100
64 66.3 46.0 69.0
63 33.3 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: 132.079 ng

RT: 6.15 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF097127.D

Acq: 27 Jul 2017 17:24

Instrument :

BNA_F

ClientSampleId :

PB101003BL

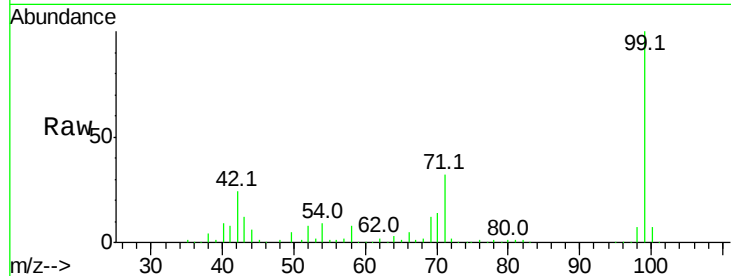
Tot Ion: 99 Resp: 803307

Ion Ratio Lower Upper

99 100

42 24.3 13.5 20.3#

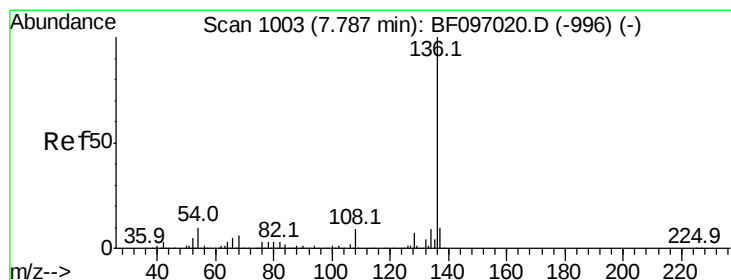
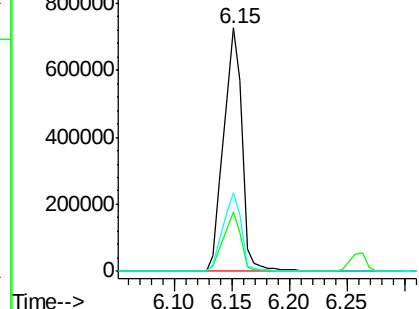
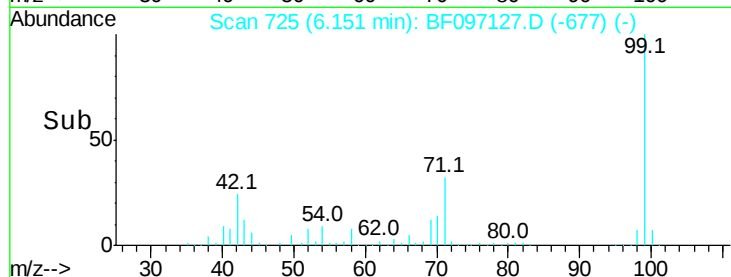
71 32.4 24.5 36.7



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: 7.77 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF097127.D

Acq: 27 Jul 2017 17:24

Tgt Ion:136 Resp: 344883

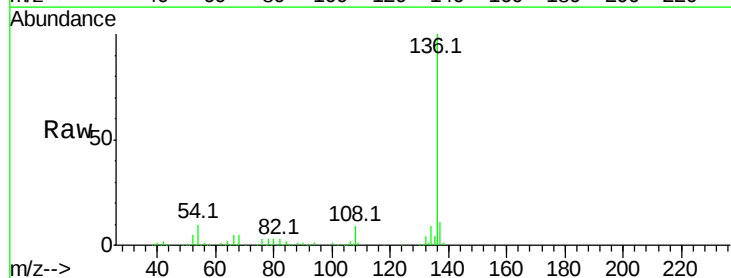
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 9.6 4.9 7.3#

68 5.2 4.1 6.1

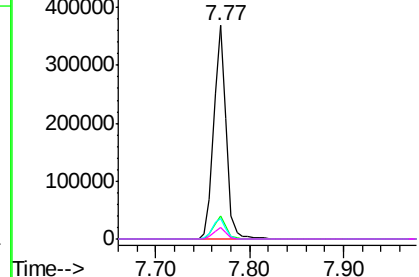
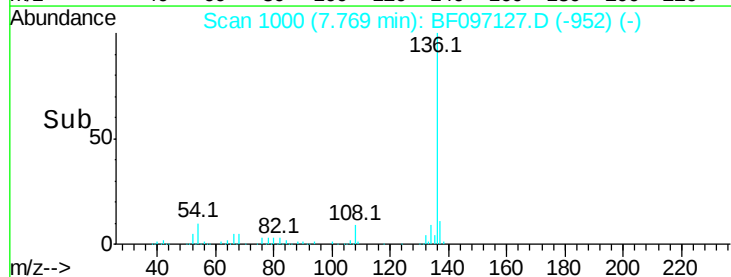


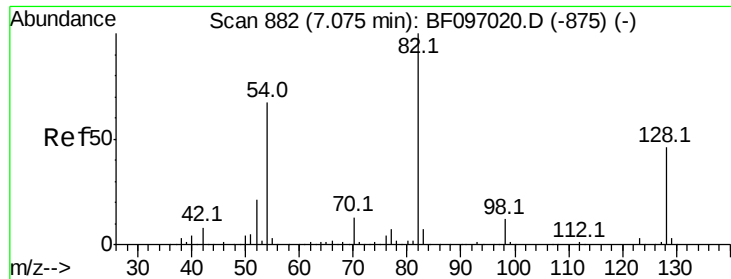
Abundance Ion 136.00 (135.70 to 136.70): E

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

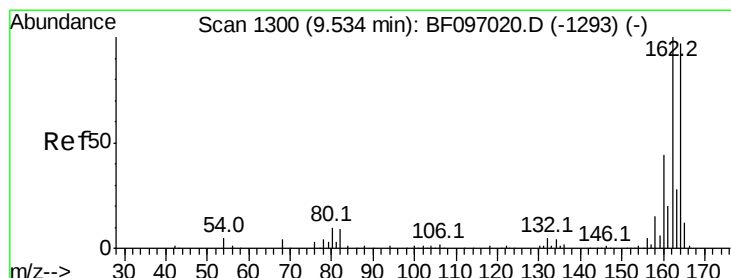
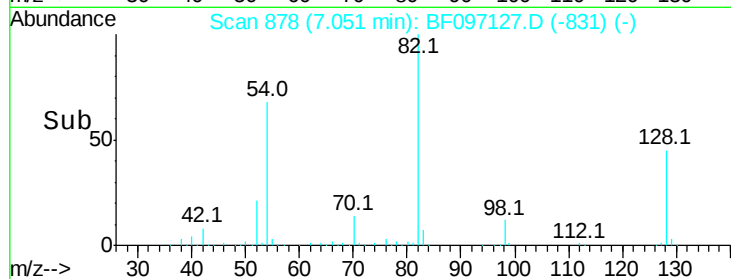
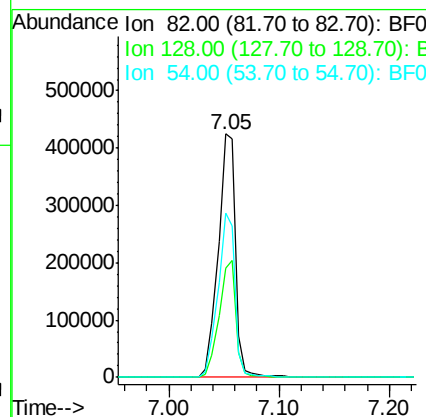
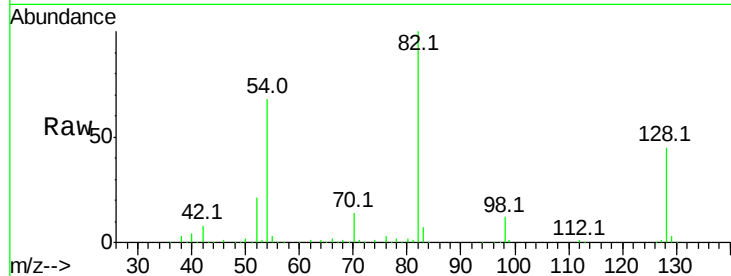




#23
 Nitrobenzene-d5
 Concen: 78.362 ng
 RT: 7.05 min Scan# 878
 Delta R.T. -0.02 min
 Lab File: BF097127.D
 Acq: 27 Jul 2017 17:24

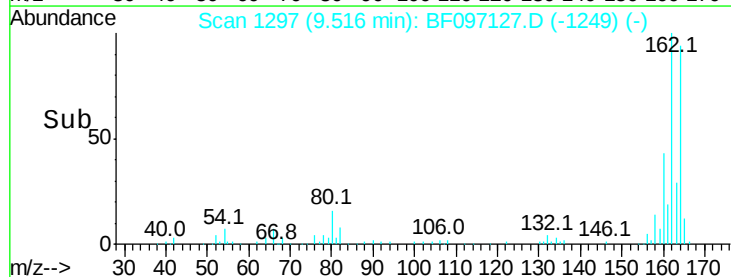
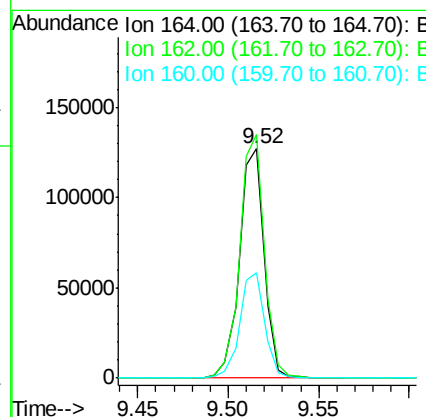
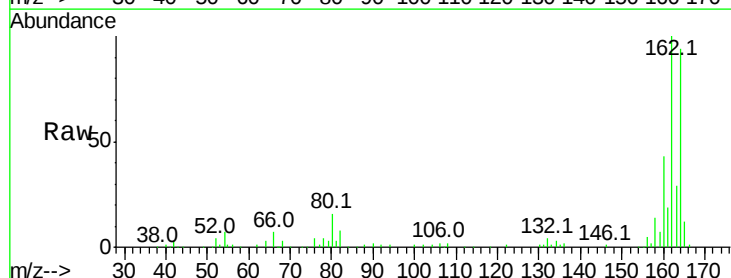
Instrument :
 BNA_F
 ClientSampleId :
 PB101003BL

Tot Ion: 82 Resp: 460689
 Ion Ratio Lower Upper
 82 100
 128 44.9 34.0 51.0
 54 67.7 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.52 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF097127.D
 Acq: 27 Jul 2017 17:24

Tgt Ion:164 Resp: 120591
 Ion Ratio Lower Upper
 164 100
 162 106.2 82.6 123.8
 160 45.8 36.2 54.2

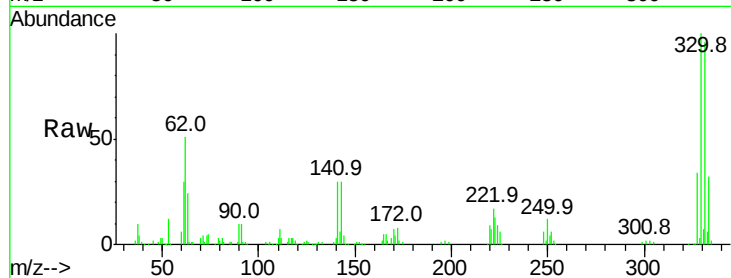




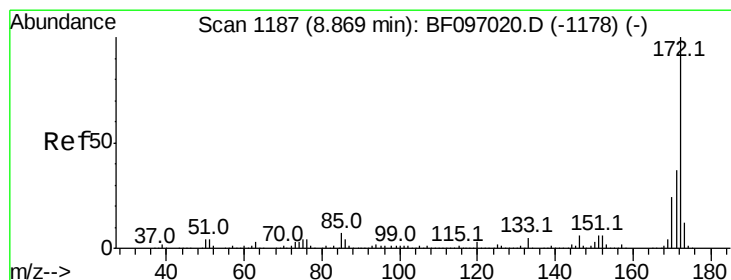
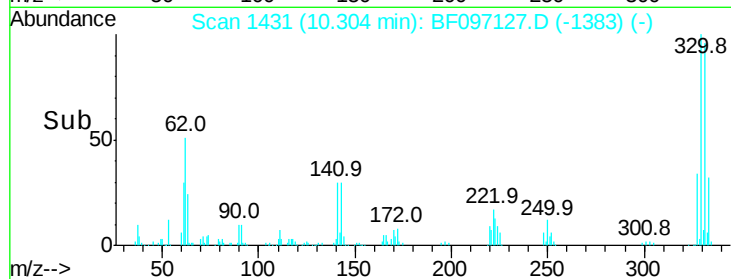
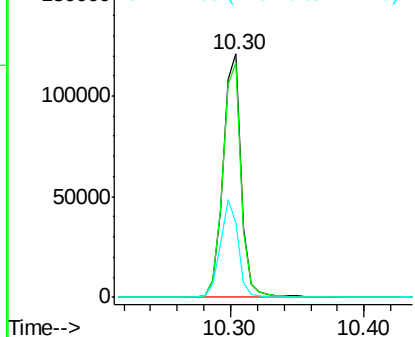
#41
 2,4,6-Tribromophenol
 Concen: 122.278 ng
 RT: 10.30 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF097127.D
 Acq: 27 Jul 2017 17:24

Instrument :
 BNA_F
 ClientSampleId :
 PB101003BL

Tot Ion:330 Resp: 116505
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 115.0
 141 39.4 31.4 47.2

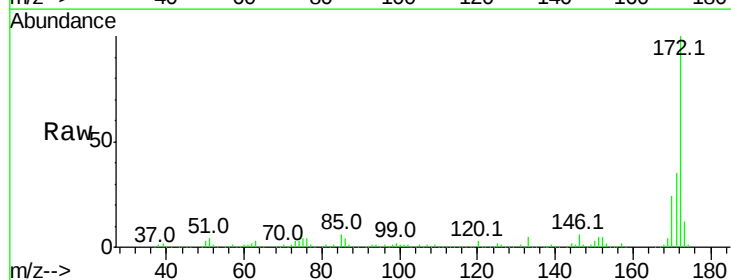


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

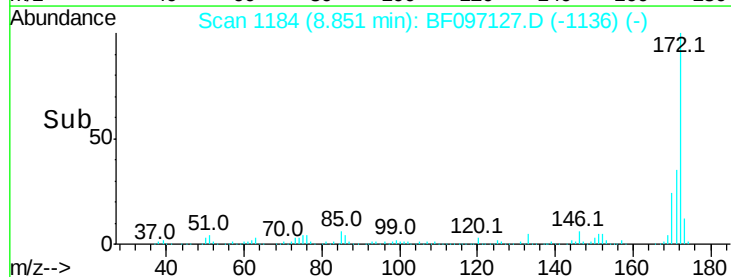
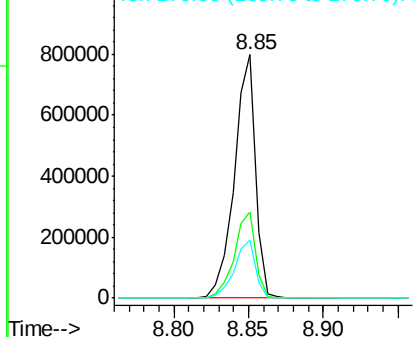


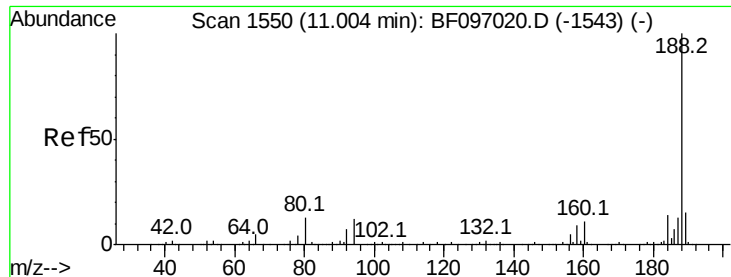
#44
 2-Fluorobiphenyl
 Concen: 111.706 ng
 RT: 8.85 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF097127.D
 Acq: 27 Jul 2017 17:24

Tgt Ion:172 Resp: 793752
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 23.7 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: 10.99 min Scan# 1547

Delta R.T. -0.02 min

Lab File: BF097127.D

Acq: 27 Jul 2017 17:24

Instrument :

BNA_F

ClientSampleId :

PB101003BL

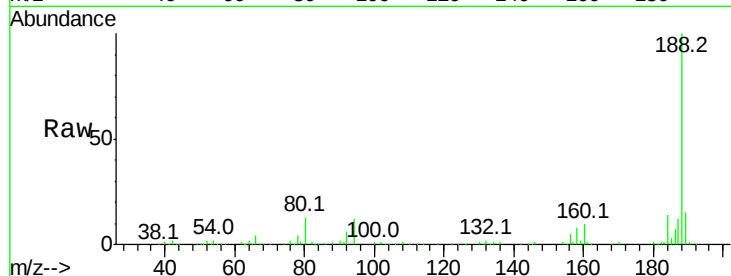
Tot Ion:188 Resp: 213510

Ion Ratio Lower Upper

188 100

94 11.9 9.4 14.2

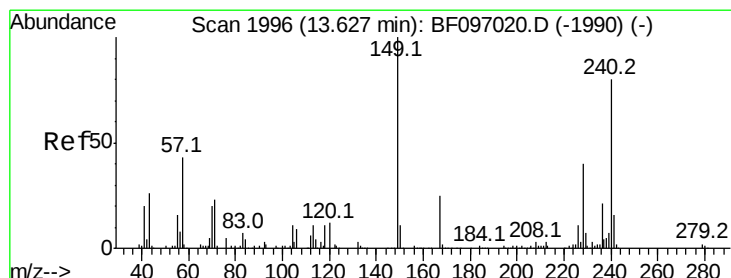
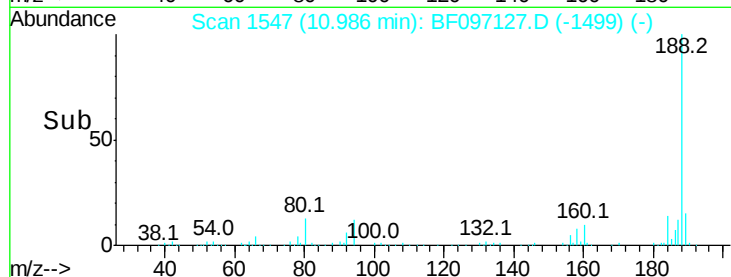
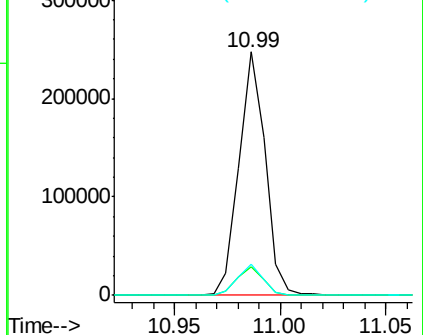
80 12.8 10.2 15.2



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: 13.61 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BF097127.D

Acq: 27 Jul 2017 17:24

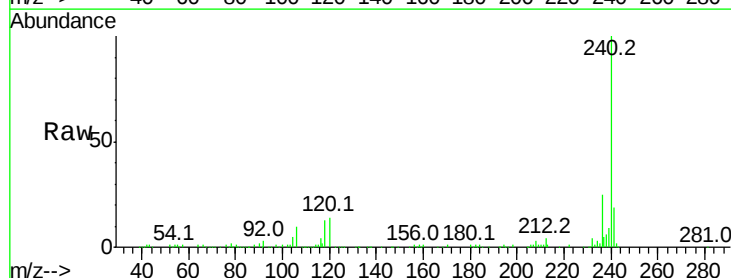
Tgt Ion:240 Resp: 182503

Ion Ratio Lower Upper

240 100

120 14.4 5.8 8.8#

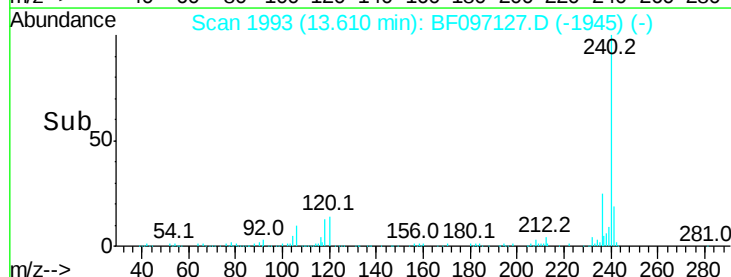
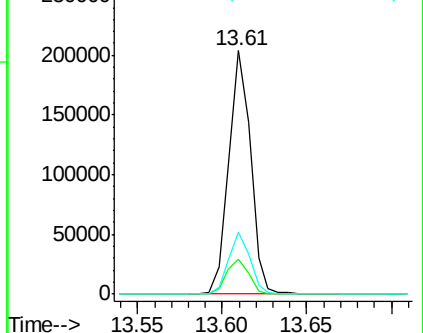
236 25.4 20.5 30.7

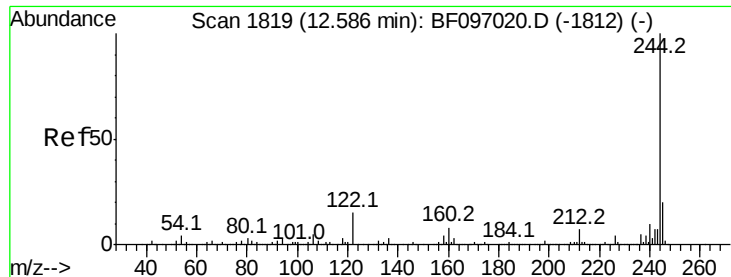


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 57.304 ng

RT: 12.57 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF097127.D

Acq: 27 Jul 2017 17:24

Instrument :

BNA_F

ClientSampleId :

PB101003BL

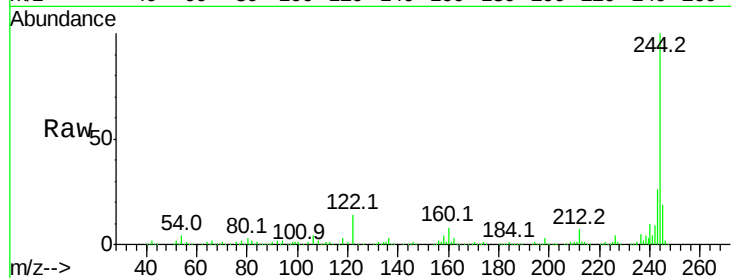
Tot Ion:244 Resp: 512942

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

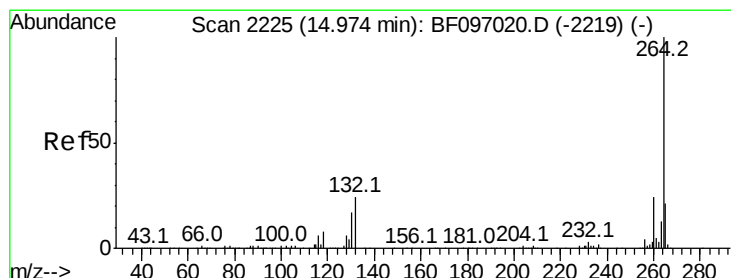
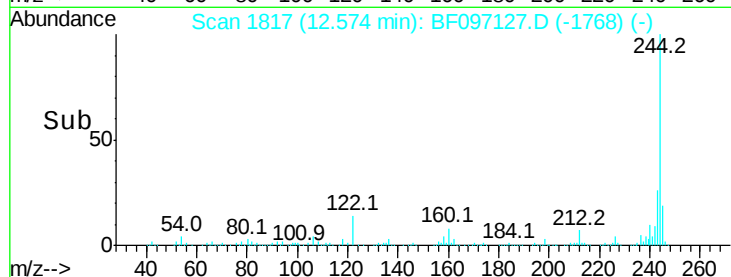
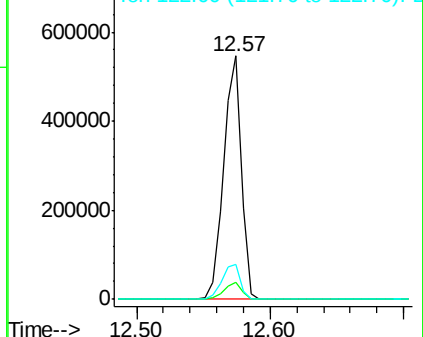
122 14.2 10.3 15.5



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: 14.96 min Scan# 2222

Delta R.T. -0.02 min

Lab File: BF097127.D

Acq: 27 Jul 2017 17:24

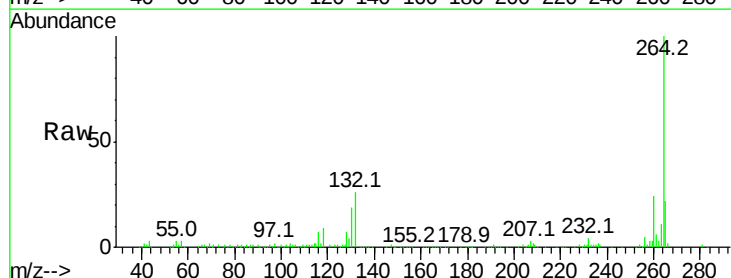
Tgt Ion:264 Resp: 159334

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 21.6 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

