

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
 Data File : BF097480.D
 Acq On : 8 Aug 2017 20:44
 Operator : SJ/JU
 Sample : PB101311BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101311BL

Quant Time: Aug 09 01:24:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	86431	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	402515	20.00	ng	-0.01
38) Acenaphthene-d10	9.43	164	177885	20.00	ng	-0.01
63) Phenanthrene-d10	10.90	188	308937	20.00	ng	-0.01
75) Chrysene-d12	13.53	240	280085	20.00	ng	-0.01
86) Perylene-d12	14.87	264	229061	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.00	112	662904	115.62	ng	0.00
7) Phenol-d6	6.07	99	790112	120.71	ng	-0.01
23) Nitrobenzene-d5	6.97	82	497155	72.46	ng	-0.02
41) 2,4,6-Tribromophenol	10.22	330	156867	111.61	ng	-0.01
44) 2-Fluorobiphenyl	8.76	172	848469	80.95	ng	-0.01
78) Terphenyl-d14	12.49	244	677626	49.33	ng	0.00

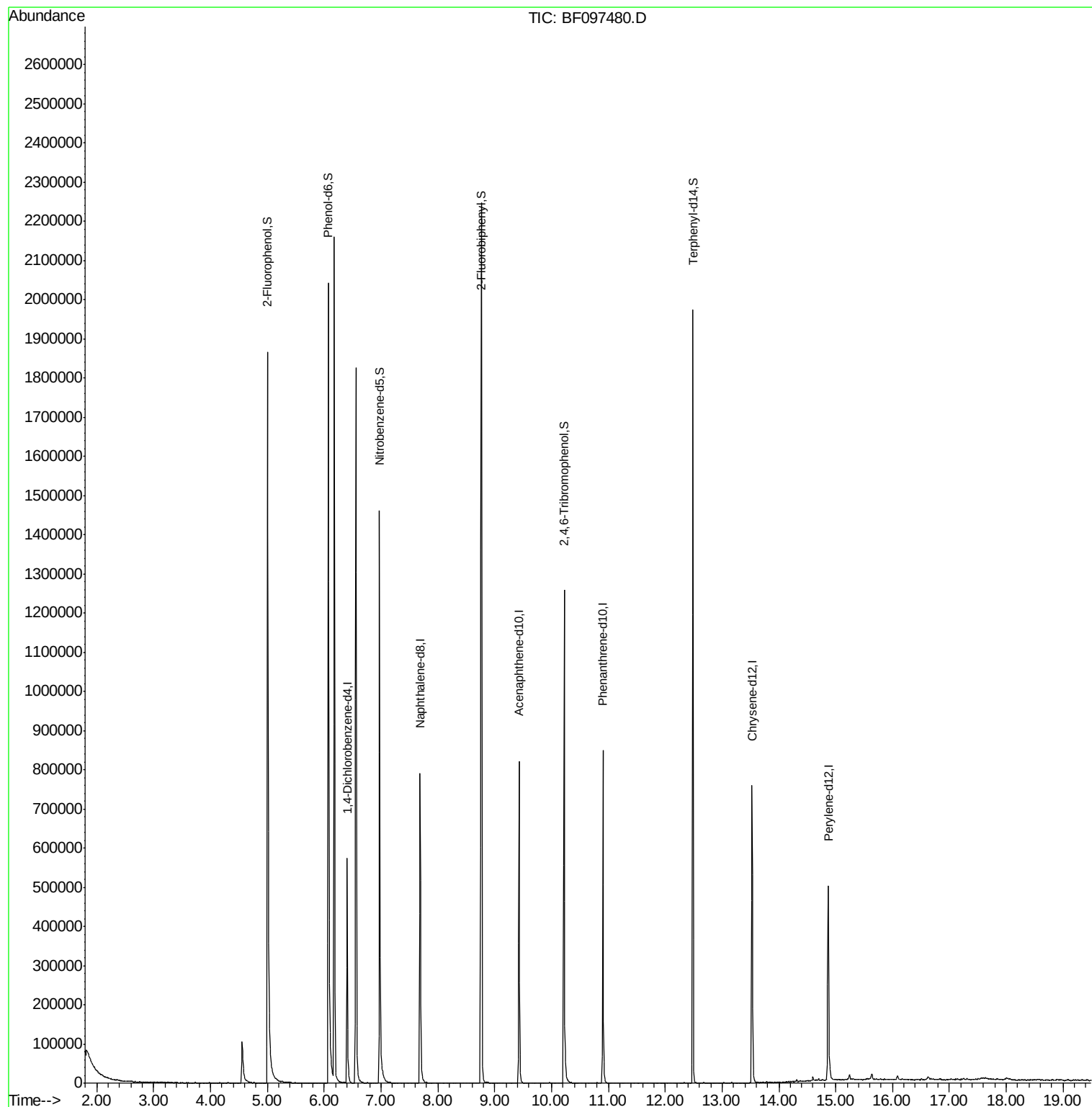
Target Compounds Qvalue

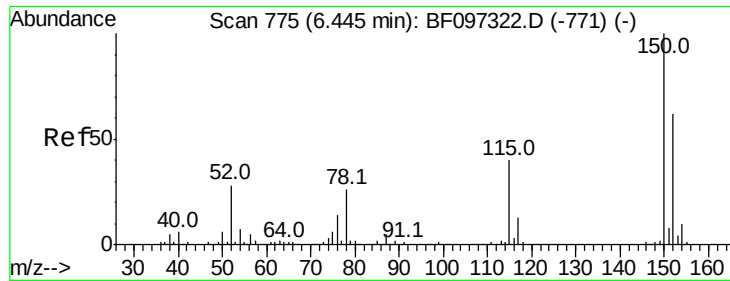
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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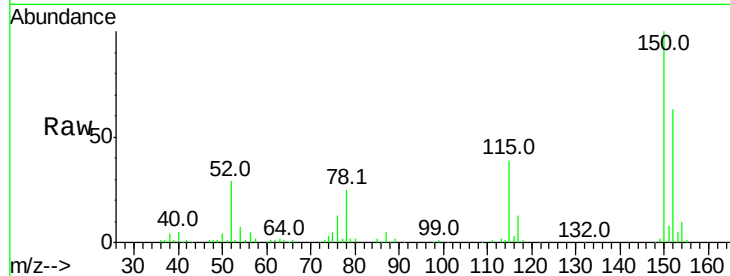


#1

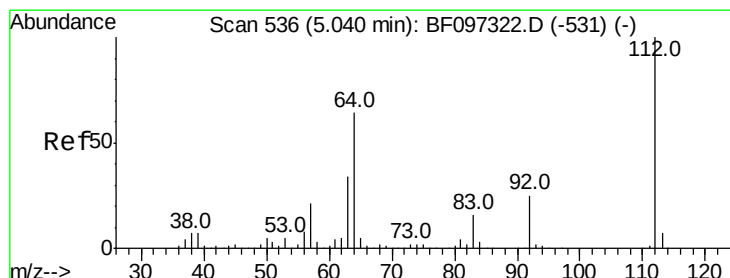
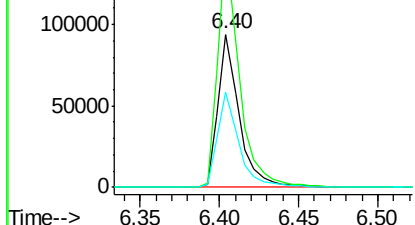
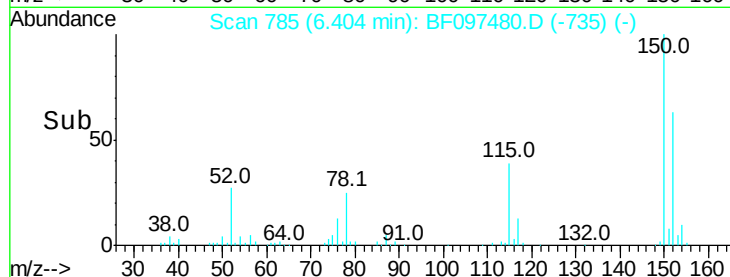
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.40 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF097480.D
 Acq: 8 Aug 2017 20:44

Instrument :
 BNA_F
 ClientSampleId :
 PB101311BL

Tot Ion:152 Resp: 86431
 Ion Ratio Lower Upper
 152 100
 150 158.9 126.2 189.2
 115 62.5 52.2 78.2



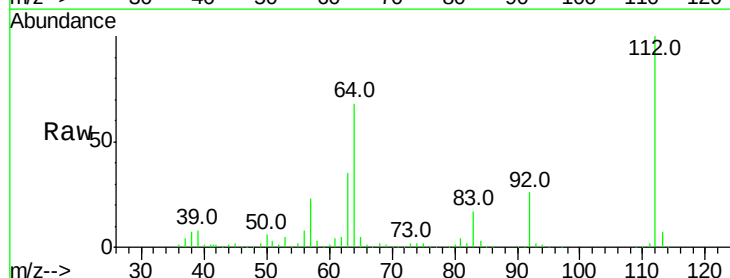
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



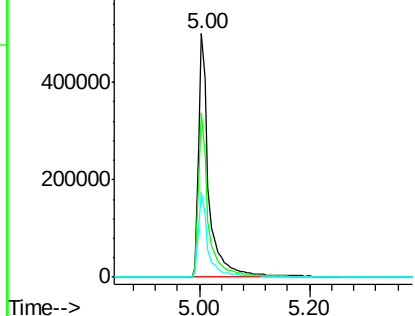
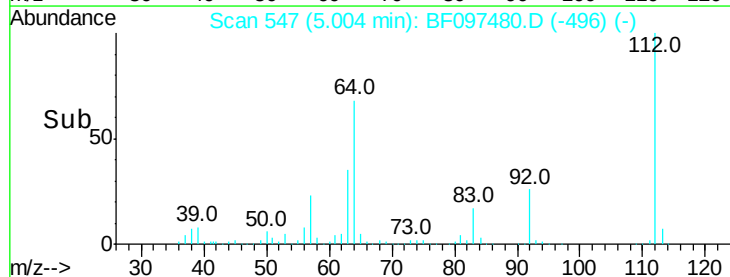
#5

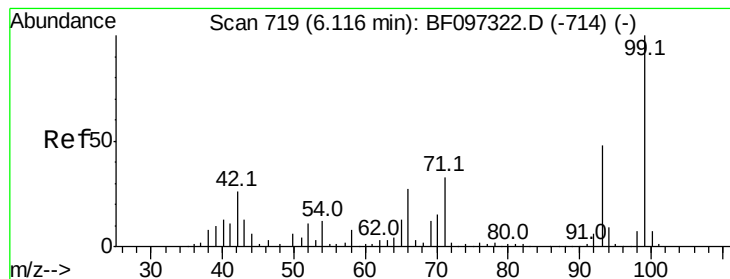
2-Fluorophenol
 Concen: 115.621 ng
 RT: 5.00 min Scan# 547
 Delta R.T. 0.00 min
 Lab File: BF097480.D
 Acq: 8 Aug 2017 20:44

Tgt Ion:112 Resp: 662904
 Ion Ratio Lower Upper
 112 100
 64 67.6 46.0 69.0
 63 34.9 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: 120.712 ng

RT: 6.07 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF097480.D

Acq: 8 Aug 2017 20:44

Instrument :

BNA_F

ClientSampleId :

PB101311BL

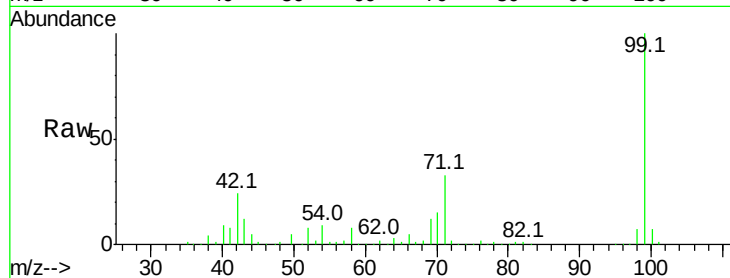
Tot Ion: 99 Resp: 790112

Ion Ratio Lower Upper

99 100

42 23.8 13.5 20.3#

71 33.2 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

800000

600000

400000

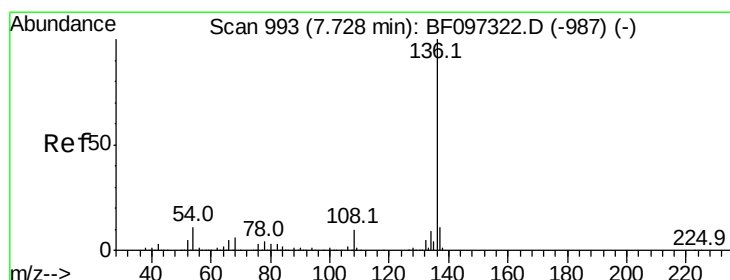
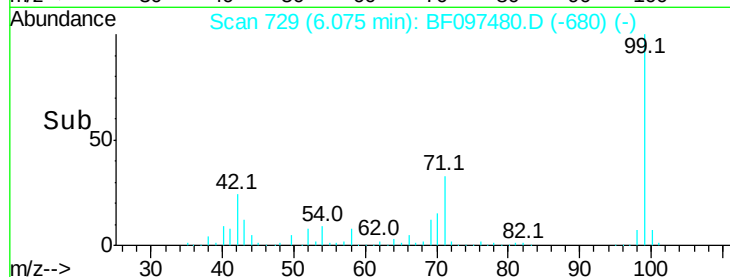
200000

0

6.07

6.00 6.10 6.20 6.30

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.69 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF097480.D

Acq: 8 Aug 2017 20:44

Tgt Ion: 136 Resp: 402515

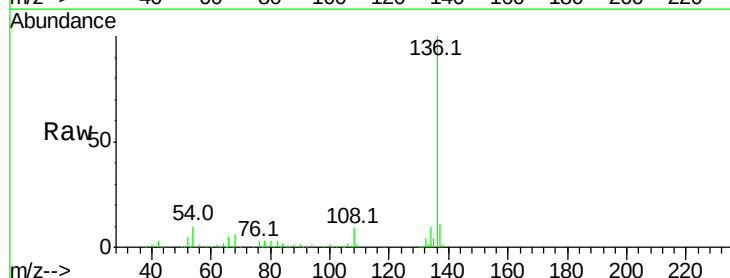
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 10.3 4.9 7.3#

68 5.7 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

600000

500000

400000

300000

200000

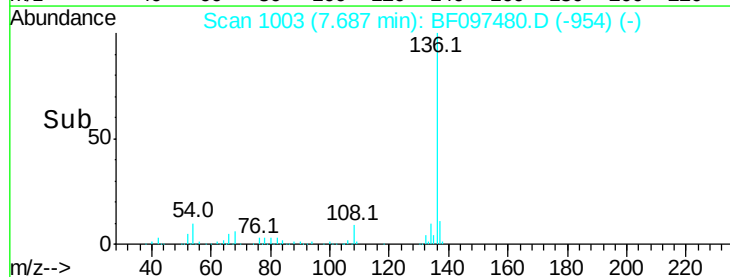
100000

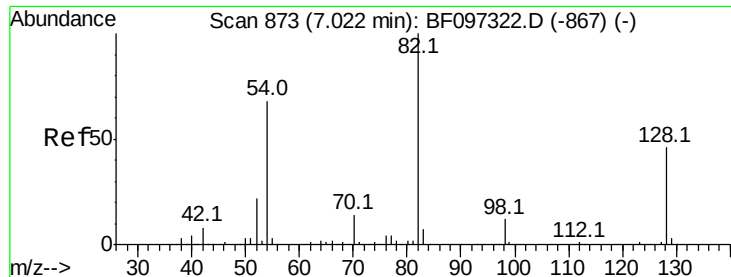
0

7.69

7.60 7.70 7.80 7.90

Time-->

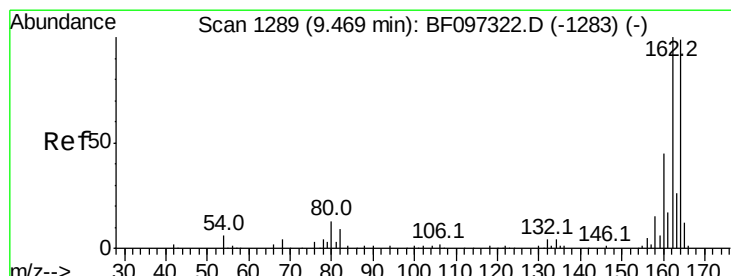
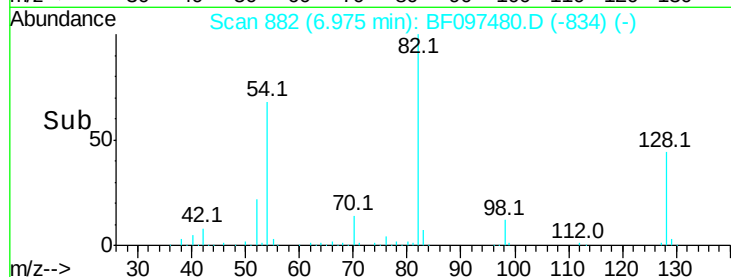
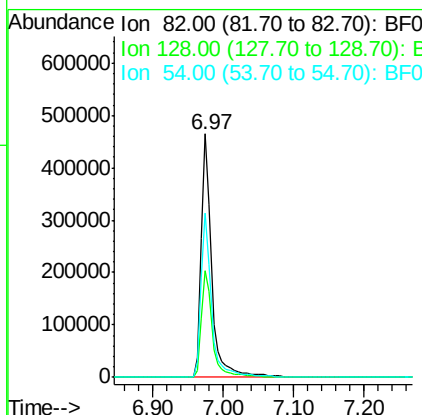
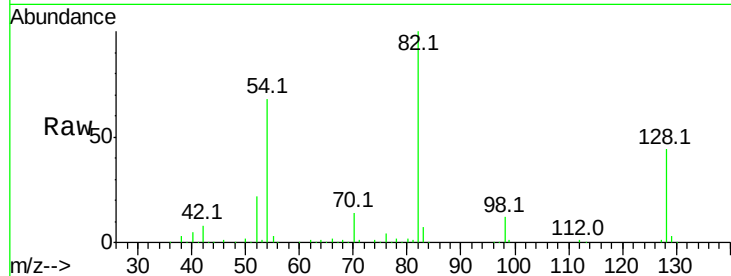




#23
 Nitrobenzene-d5
 Concen: 72.457 ng
 RT: 6.97 min Scan# 882
 Delta R.T. -0.02 min
 Lab File: BF097480.D
 Acq: 8 Aug 2017 20:44

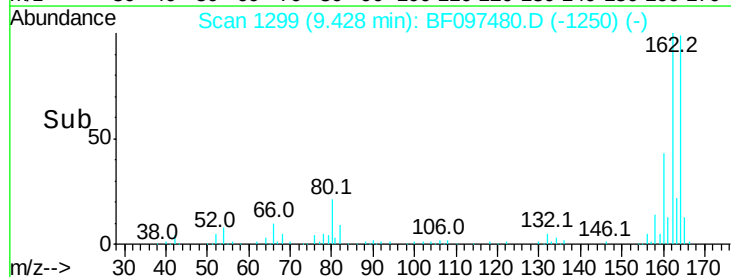
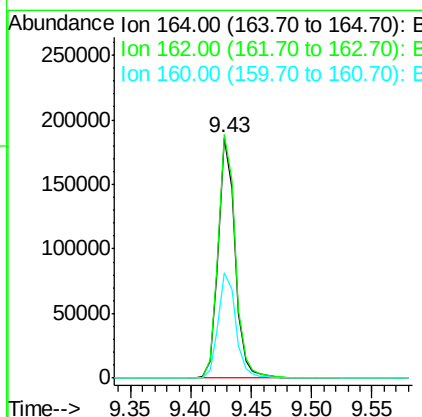
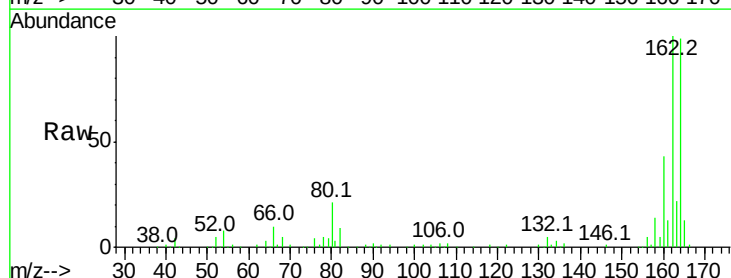
Instrument :
 BNA_F
 ClientSampleId :
 PB101311BL

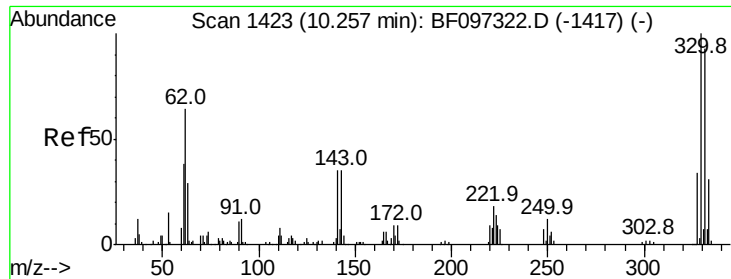
Tot Ion: 82 Resp: 497155
 Ion Ratio Lower Upper
 82 100
 128 43.8 34.0 51.0
 54 67.5 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.43 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF097480.D
 Acq: 8 Aug 2017 20:44

Tgt Ion: 164 Resp: 177885
 Ion Ratio Lower Upper
 164 100
 162 101.5 82.6 123.8
 160 44.0 36.2 54.2





#41

2,4,6-Tribromophenol

Concen: 111.612 ng

RT: 10.22 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF097480.D

Acq: 8 Aug 2017 20:44

Instrument :

BNA_F

ClientSampleId :

PB101311BL

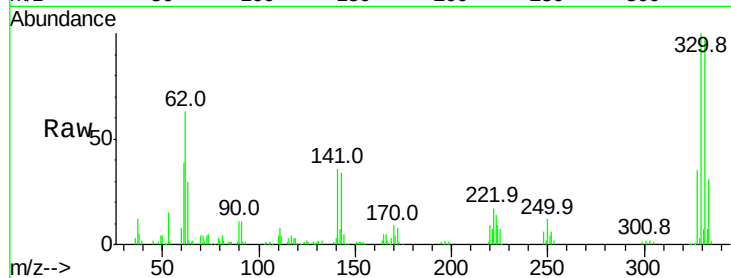
Tot Ion:330 Resp: 156867

Ion Ratio Lower Upper

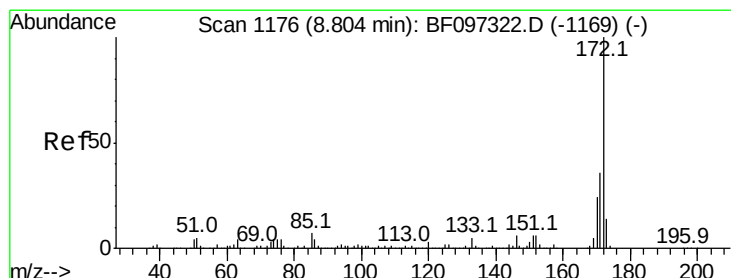
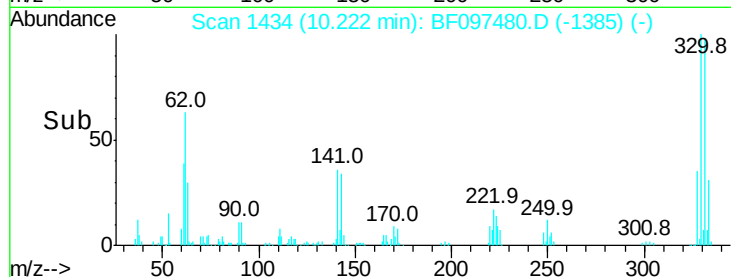
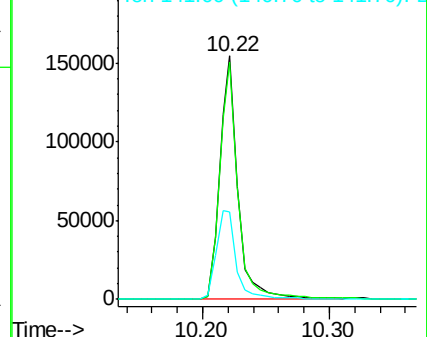
330 100

332 98.5 76.6 115.0

141 40.6 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: 80.947 ng

RT: 8.76 min Scan# 1186

Delta R.T. -0.01 min

Lab File: BF097480.D

Acq: 8 Aug 2017 20:44

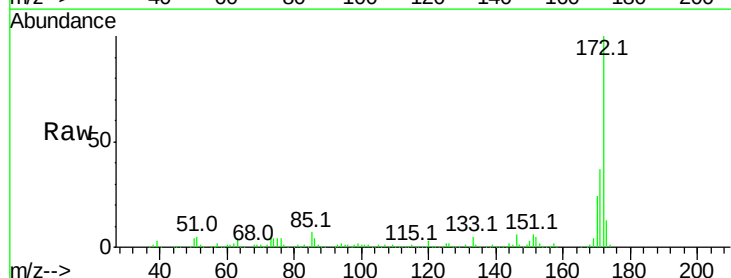
Tgt Ion:172 Resp: 848469

Ion Ratio Lower Upper

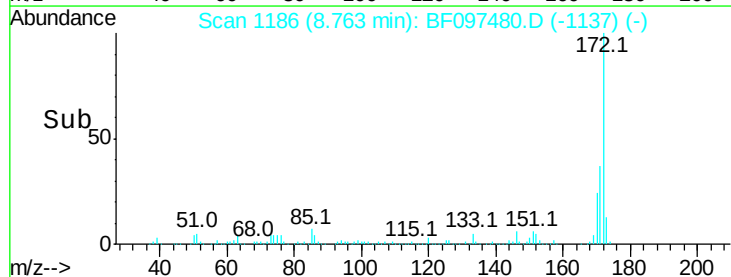
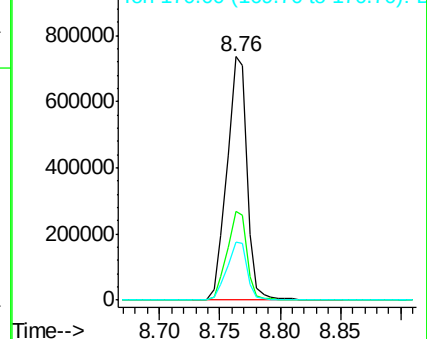
172 100

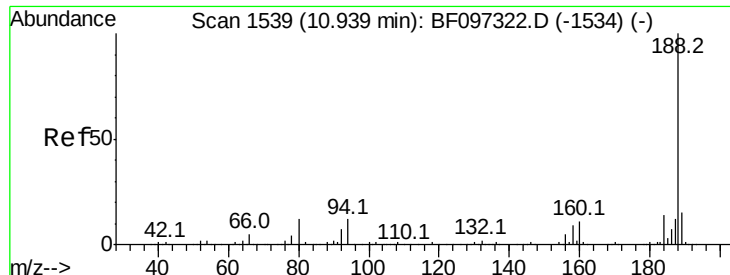
171 36.5 29.6 44.4

170 24.1 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

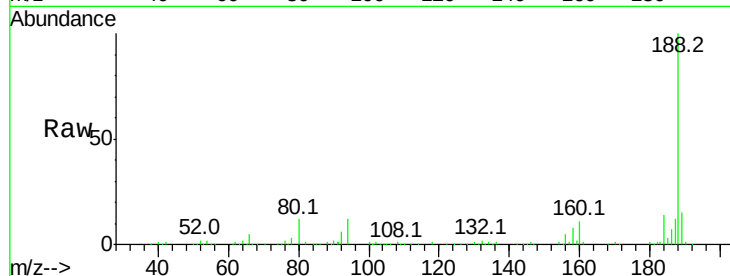




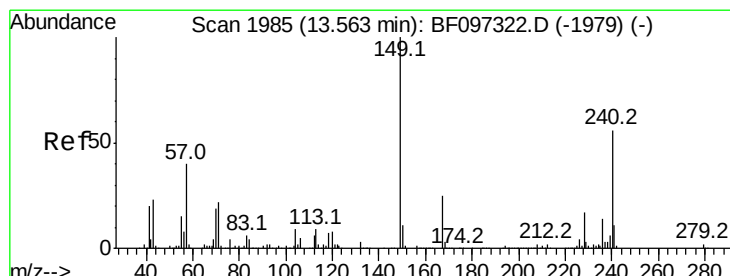
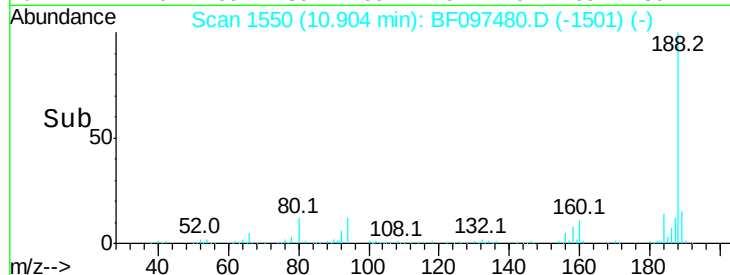
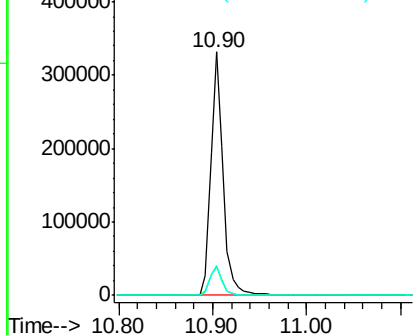
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.90 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF097480.D
Acq: 8 Aug 2017 20:44

Instrument :
BNA_F
ClientSampleId :
PB101311BL

Tot Ion:188 Resp: 308937
Ion Ratio Lower Upper
188 100
94 11.6 9.4 14.2
80 12.2 10.2 15.2

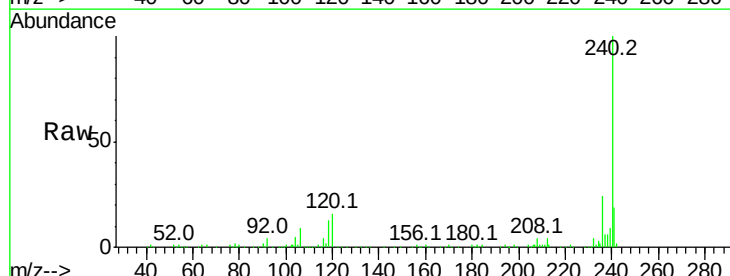


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

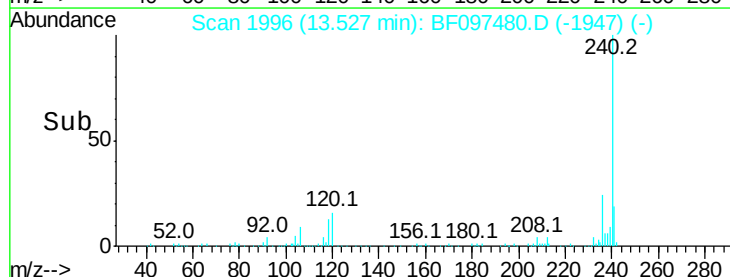
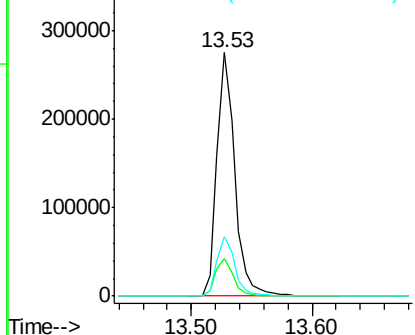


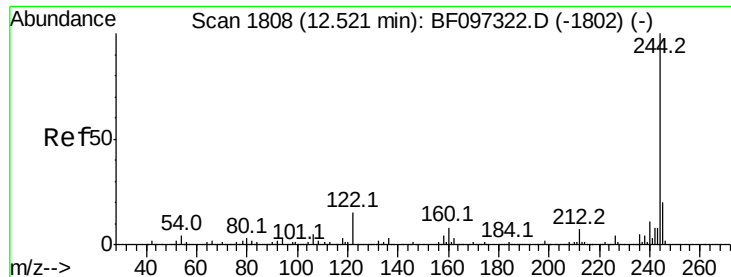
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.53 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF097480.D
Acq: 8 Aug 2017 20:44

Tgt Ion:240 Resp: 280085
Ion Ratio Lower Upper
240 100
120 15.6 5.8 8.8#
236 24.5 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: 49.327 ng

RT: 12.49 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF097480.D

Acq: 8 Aug 2017 20:44

Instrument :

BNA_F

ClientSampleId :

PB101311BL

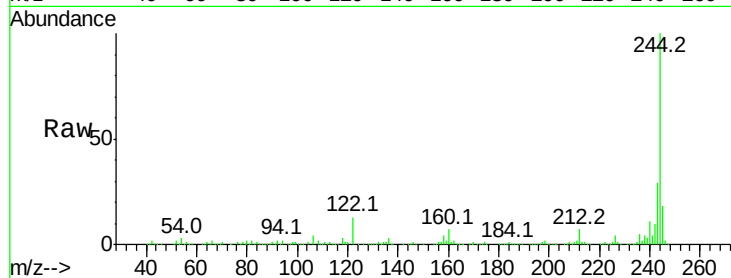
Tot Ion:244 Resp: 677626

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

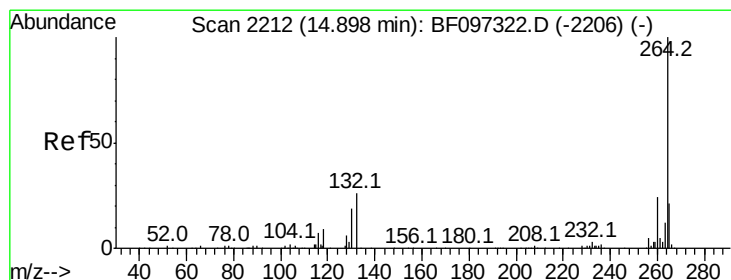
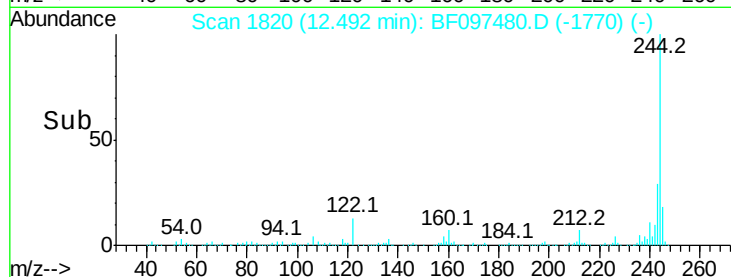
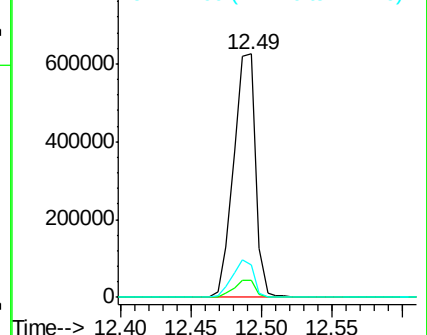
122 13.2 10.3 15.5



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: 14.87 min Scan# 2224

Delta R.T. 0.00 min

Lab File: BF097480.D

Acq: 8 Aug 2017 20:44

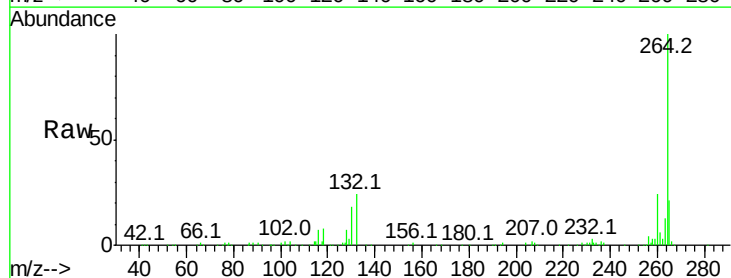
Tgt Ion:264 Resp: 229061

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 21.3 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

