

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090617\
 Data File : BF098277.D
 Acq On : 6 Sep 2017 17:22
 Operator : SJ/JU
 Sample : PB102073BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102073BL

Quant Time: Sep 07 04:09:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 17:28:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	100637	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	409692	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	190723	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	397562	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	388252	20.00	ng	-0.02
86) Perylene-d12	15.25	264	343759	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	902471	136.40	ng	0.00
7) Phenol-d6	6.34	99	1203124	133.84	ng	-0.01
23) Nitrobenzene-d5	7.26	82	752935	99.84	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	263861	159.45	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1174254	90.46	ng	-0.01
78) Terphenyl-d14	12.80	244	1182421	63.51	ng	0.00

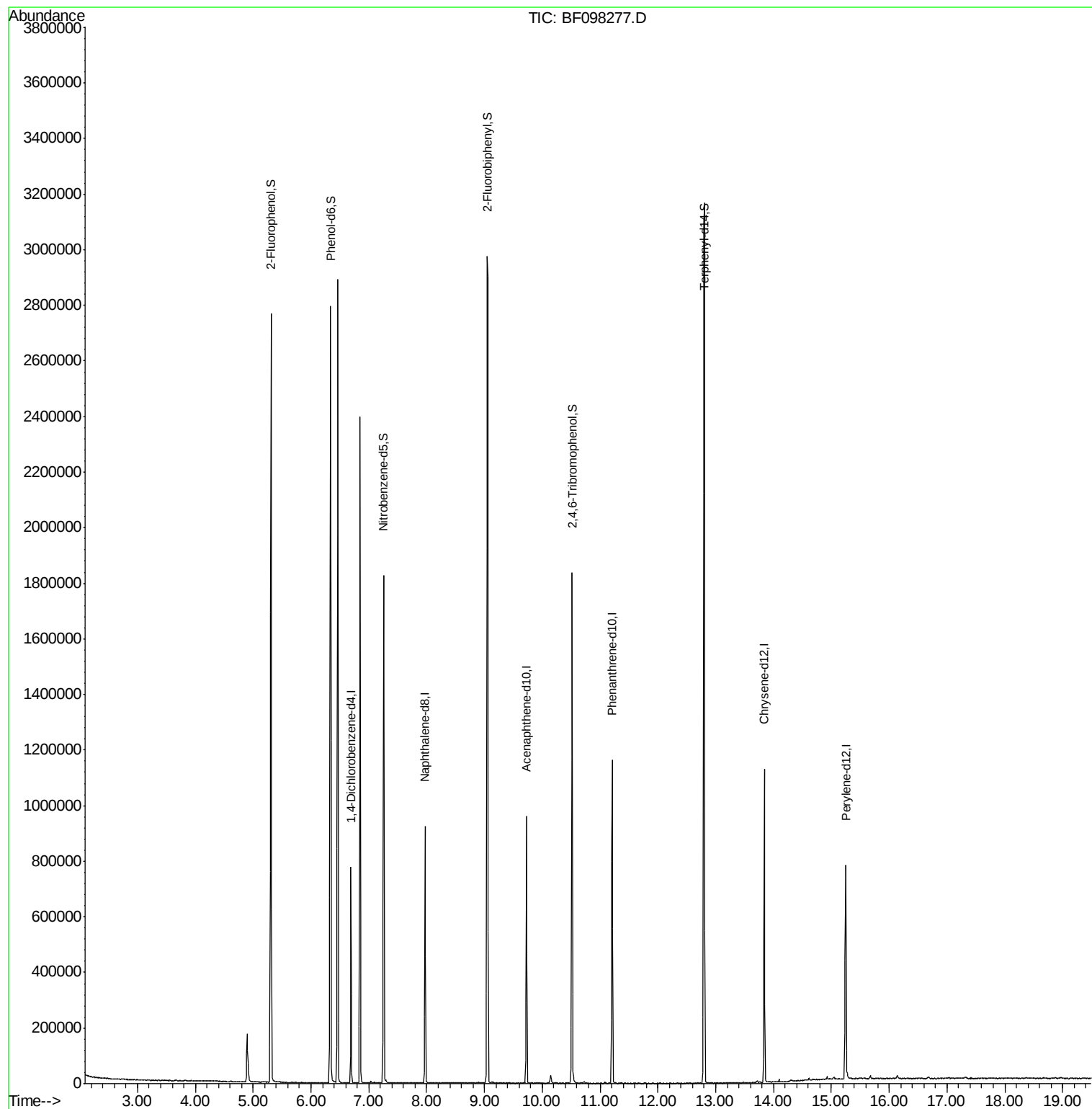
Target Compounds Qvalue

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

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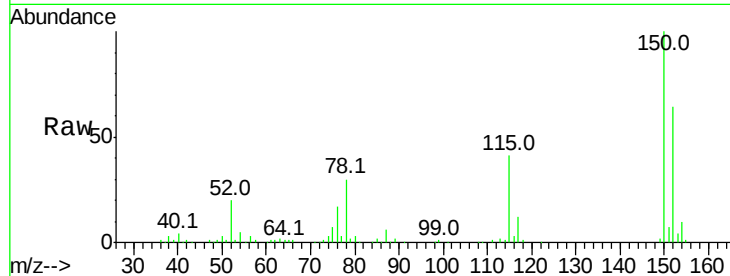


#1

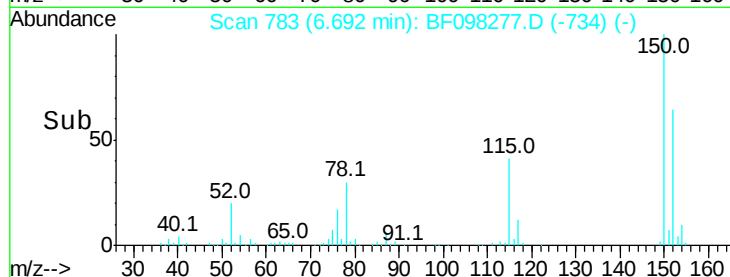
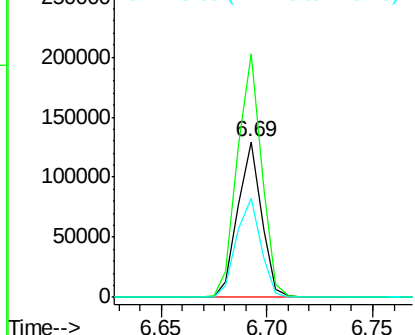
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF098277.D
Acq: 6 Sep 2017 17:22

Instrument :
BNA_F
ClientSampleId :
PB102073BL

Tot Ion:152 Resp: 100637
Ion Ratio Lower Upper
152 100
150 156.7 126.2 189.2
115 63.7 52.2 78.2



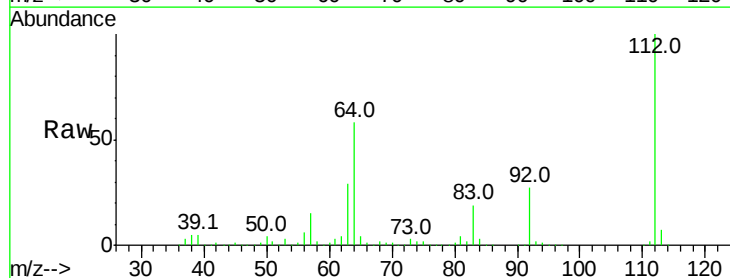
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



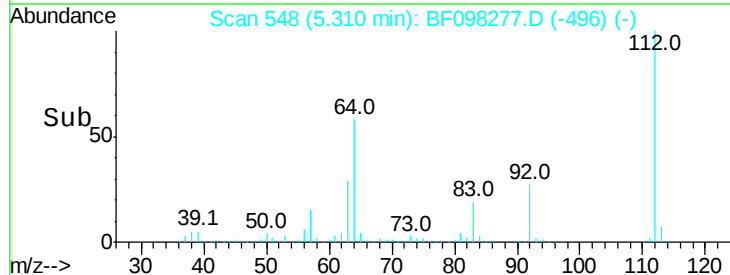
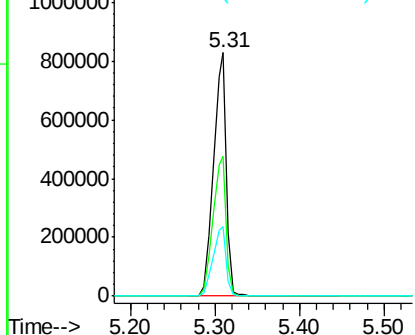
#5

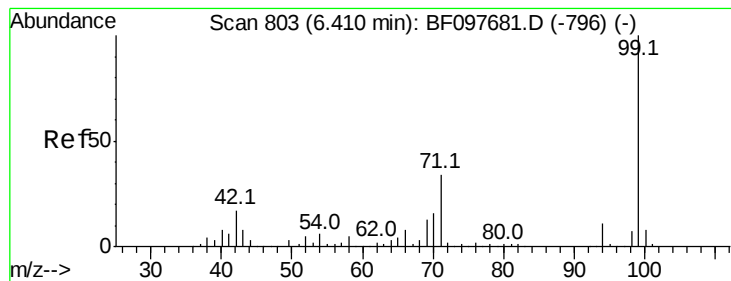
2-Fluorophenol
Concen: 136.404 ng
RT: 5.31 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF098277.D
Acq: 6 Sep 2017 17:22

Tgt Ion:112 Resp: 902471
Ion Ratio Lower Upper
112 100
64 57.6 46.0 69.0
63 28.8 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: 133.837 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF098277.D

Acq: 6 Sep 2017 17:22

Instrument :

BNA_F

ClientSampleId :

PB102073BL

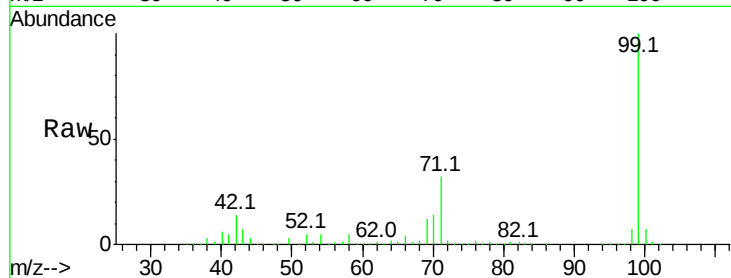
Tot Ion: 99 Resp: 1203124

Ion Ratio Lower Upper

99 100

42 14.3 13.5 20.3

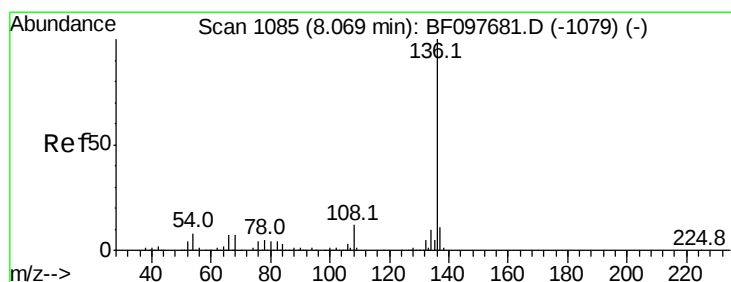
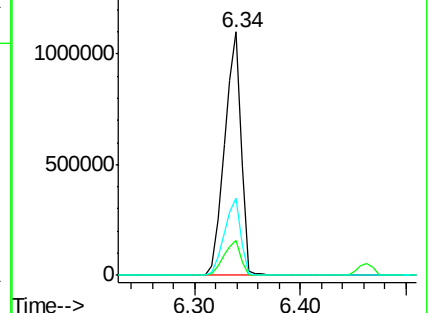
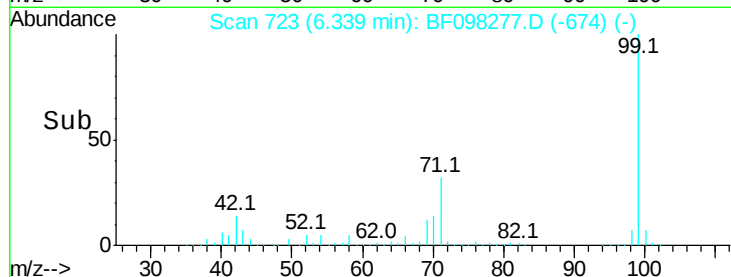
71 31.6 24.5 36.7



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: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF098277.D

Acq: 6 Sep 2017 17:22

Tgt Ion: 136 Resp: 409692

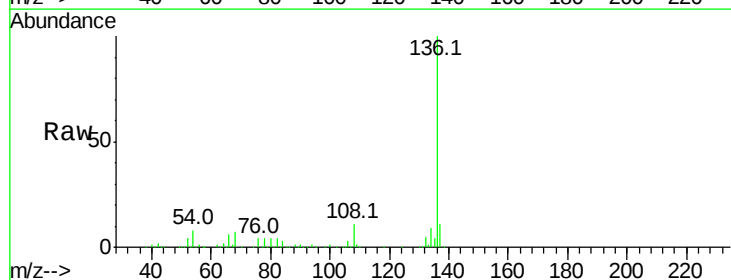
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 7.7 4.9 7.3#

68 7.1 4.1 6.1#

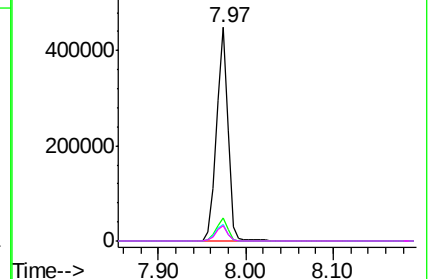
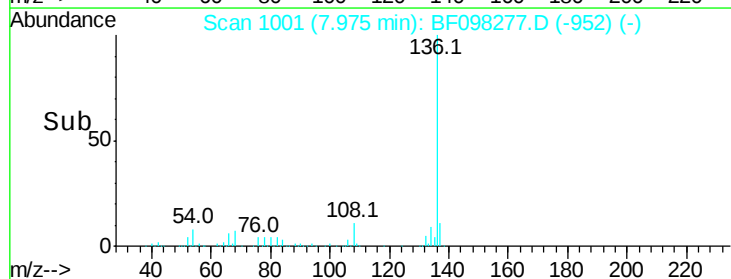


Abundance Ion 136.00 (135.70 to 136.70): E

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

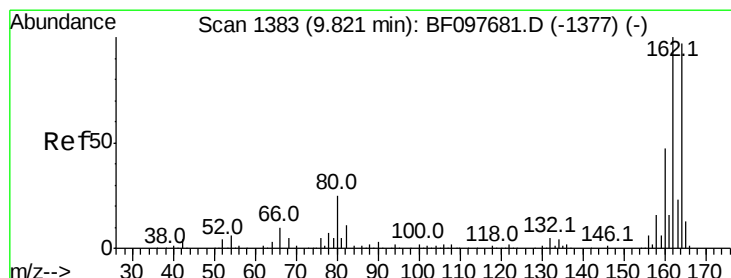
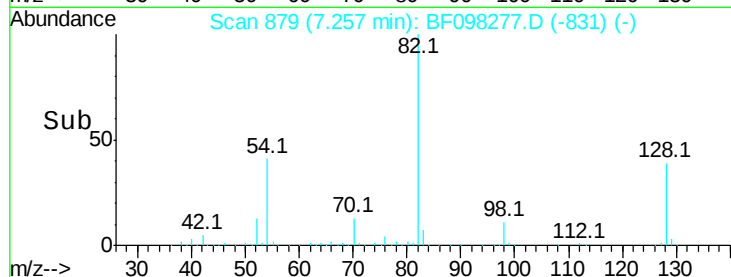
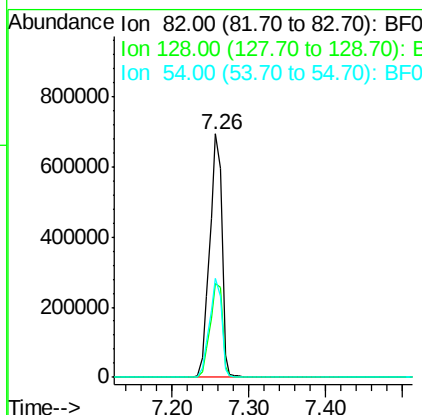
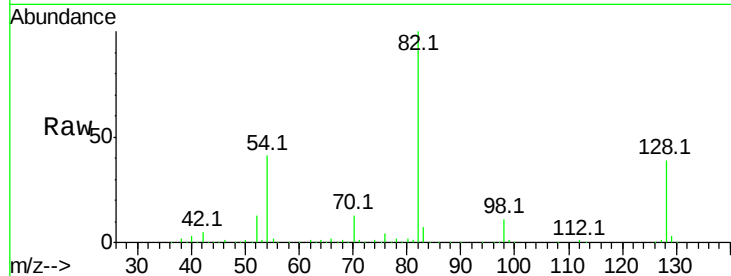




#23
 Nitrobenzene-d5
 Concen: 99.838 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.02 min
 Lab File: BF098277.D
 Acq: 6 Sep 2017 17:22

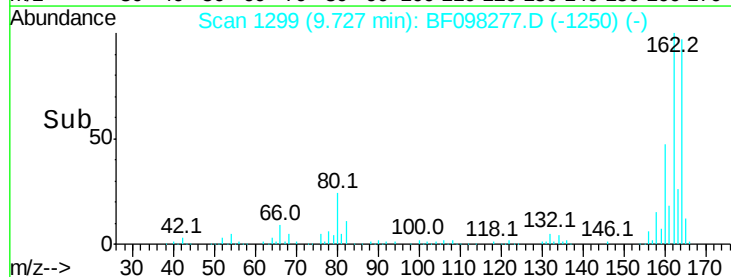
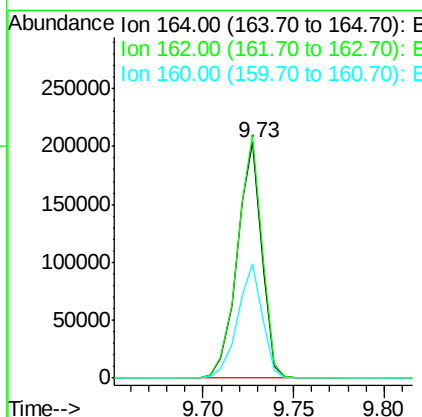
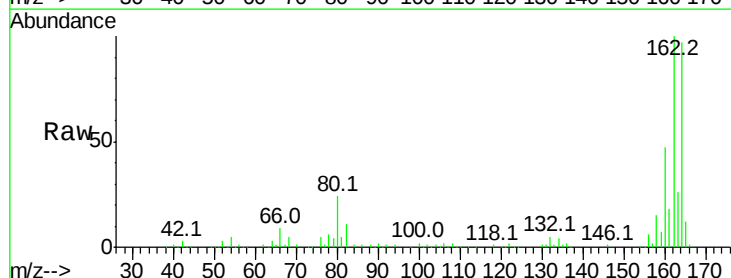
Instrument :
 BNA_F
 ClientSampleId :
 PB102073BL

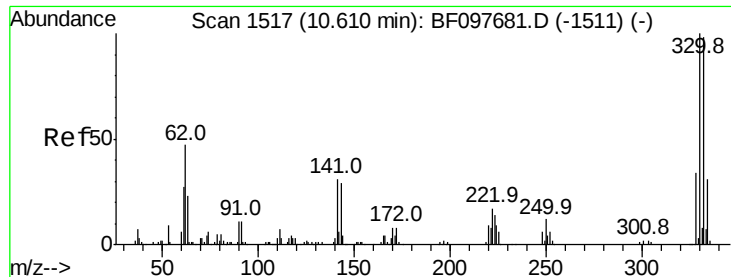
Tot Ion: 82 Resp: 752935
 Ion Ratio Lower Upper
 82 100
 128 38.6 34.0 51.0
 54 40.8 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF098277.D
 Acq: 6 Sep 2017 17:22

Tgt Ion:164 Resp: 190723
 Ion Ratio Lower Upper
 164 100
 162 103.2 82.6 123.8
 160 48.2 36.2 54.2





#41

2,4,6-Tribromophenol

Concen: 159.449 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF098277.D

Acq: 6 Sep 2017 17:22

Instrument :

BNA_F

ClientSampleId :

PB102073BL

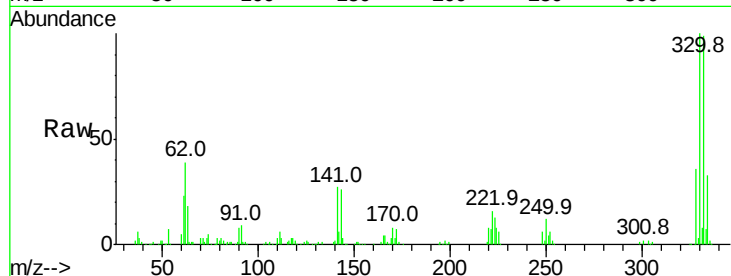
Tot Ion:330 Resp: 263861

Ion Ratio Lower Upper

330 100

332 97.3 76.6 115.0

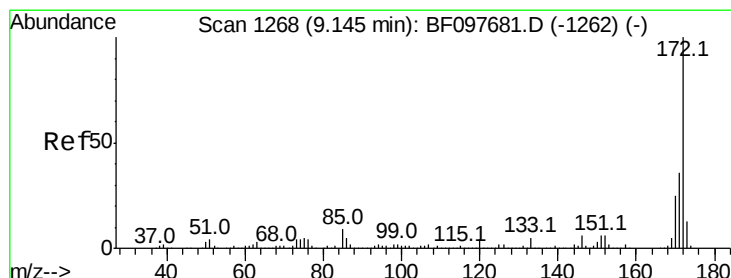
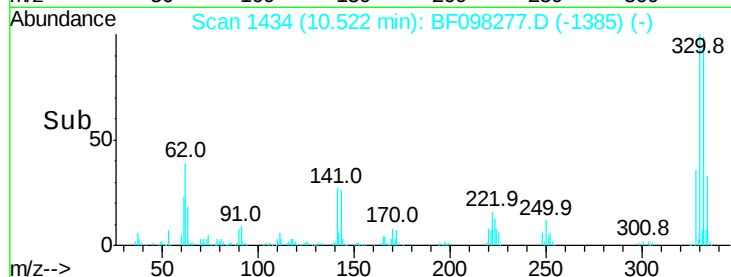
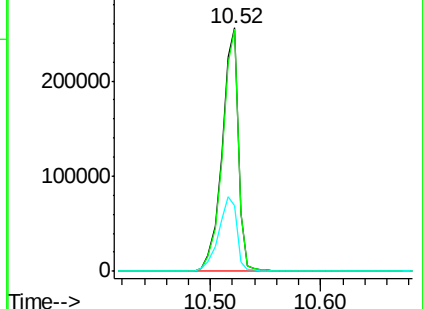
141 34.3 31.4 47.2



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: 90.457 ng

RT: 9.06 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BF098277.D

Acq: 6 Sep 2017 17:22

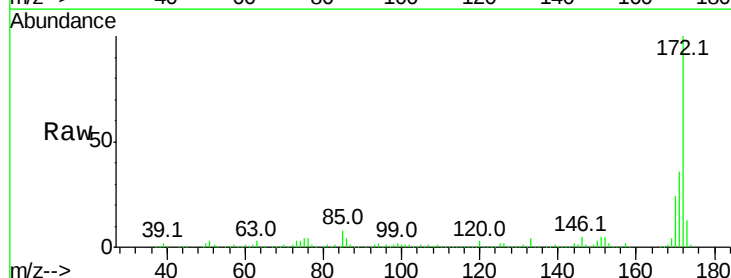
Tgt Ion:172 Resp: 1174254

Ion Ratio Lower Upper

172 100

171 35.9 29.6 44.4

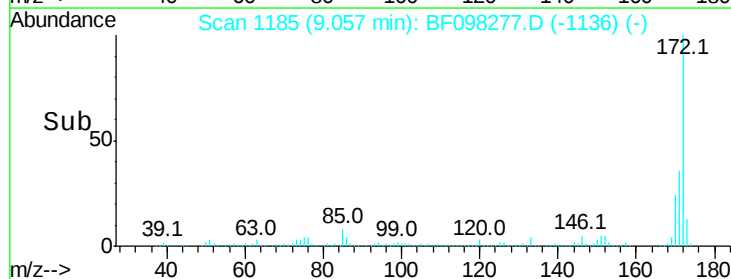
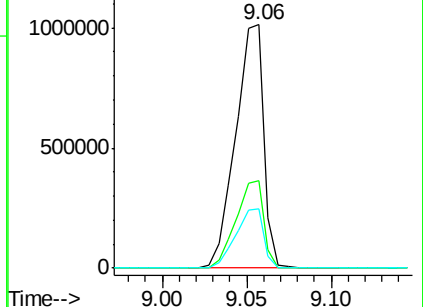
170 24.2 19.8 29.8

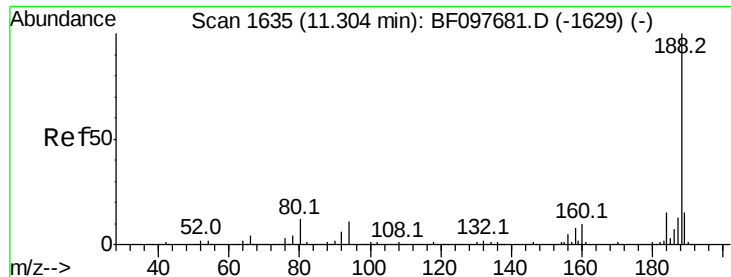


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

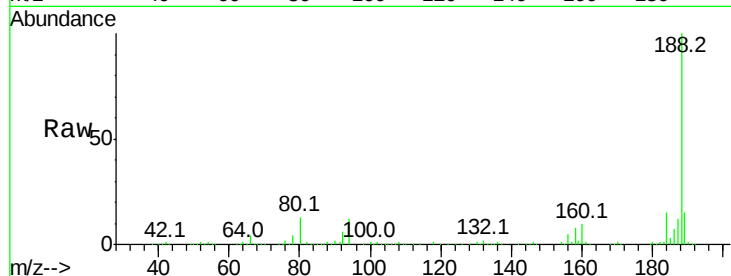




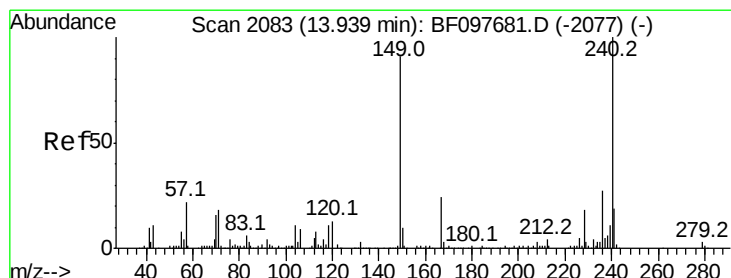
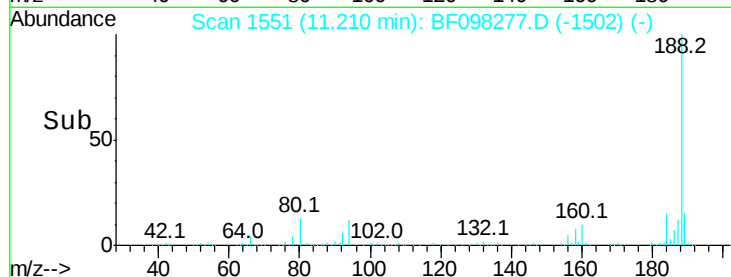
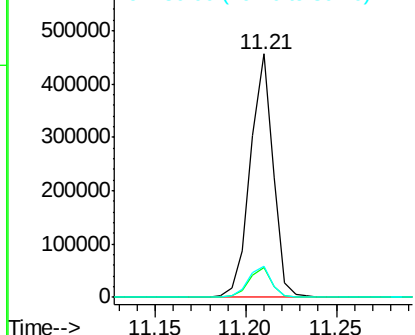
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF098277.D
Acq: 6 Sep 2017 17:22

Instrument :
BNA_F
ClientSampleId :
PB102073BL

Tot Ion:188 Resp: 397562
Ion Ratio Lower Upper
188 100
94 12.2 9.4 14.2
80 12.6 10.2 15.2

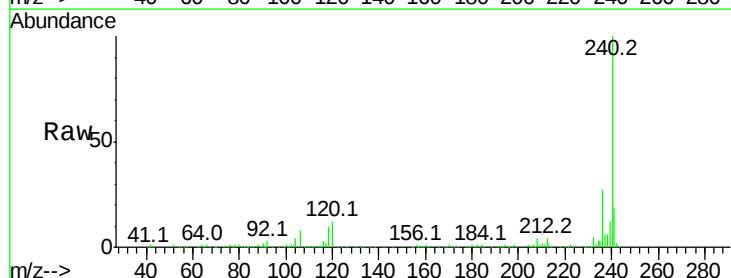


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

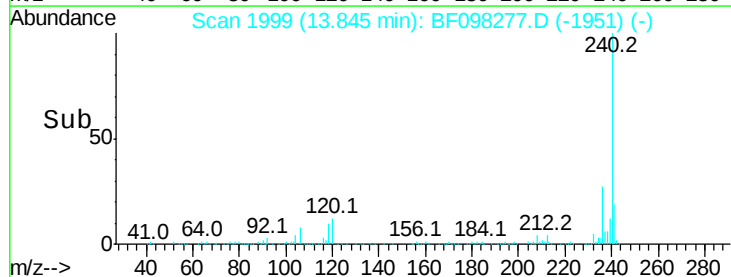
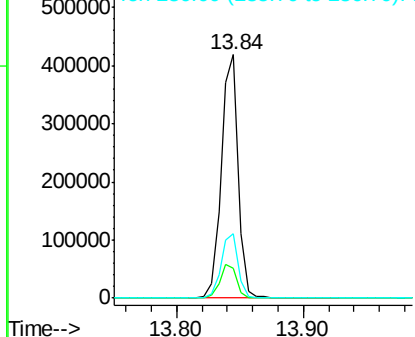


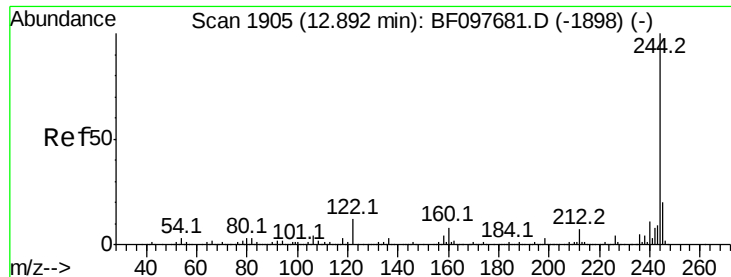
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BF098277.D
Acq: 6 Sep 2017 17:22

Tgt Ion:240 Resp: 388252
Ion Ratio Lower Upper
240 100
120 12.4 5.8 8.8#
236 26.7 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: 63.509 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF098277.D

Acq: 6 Sep 2017 17:22

Instrument :

BNA_F

ClientSampled :

PB102073BL

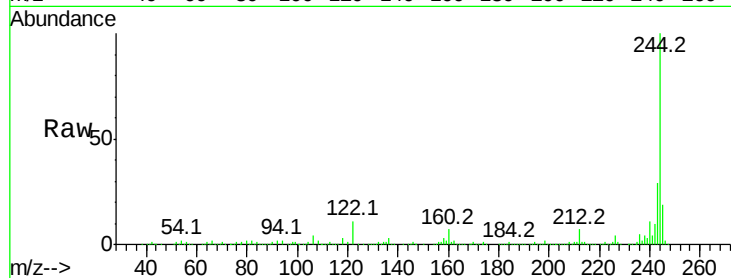
Tot Ion:244 Resp: 1182421

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

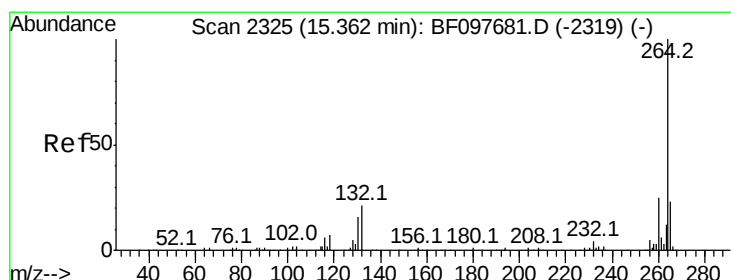
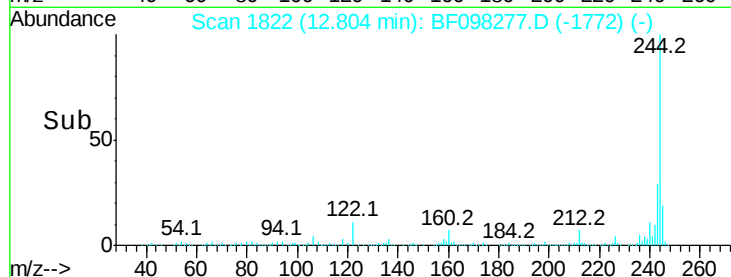
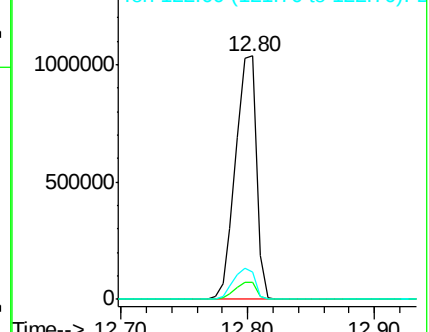
122 11.4 10.3 15.5



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: 15.25 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BF098277.D

Acq: 6 Sep 2017 17:22

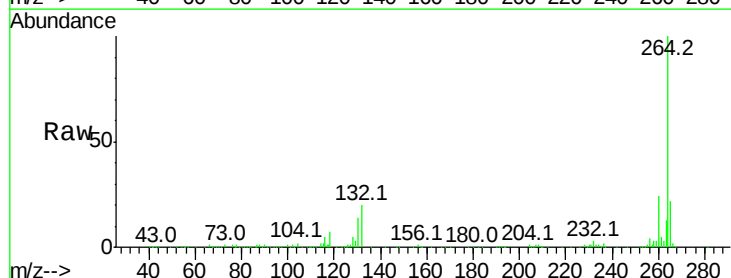
Tgt Ion:264 Resp: 343759

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 21.7 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

