

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
 Data File : BF097279.D
 Acq On : 2 Aug 2017 17:57
 Operator : SJ/JU
 Sample : PB101158BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101158BL

Quant Time: Aug 02 23:24:18 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	102704	20.00	ng	-0.05
21) Naphthalene-d8	7.73	136	448393	20.00	ng	-0.05
38) Acenaphthene-d10	9.47	164	222427	20.00	ng	-0.06
63) Phenanthrene-d10	10.95	188	352386	20.00	ng	-0.06
75) Chrysene-d12	13.57	240	276374	20.00	ng	-0.06
86) Perylene-d12	14.91	264	186899	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	810562	118.97	ng	-0.04
7) Phenol-d6	6.12	99	999097	128.46	ng	-0.05
23) Nitrobenzene-d5	7.02	82	575839	75.34	ng	-0.05
41) 2,4,6-Tribromophenol	10.26	330	207957	118.33	ng	-0.06
44) 2-Fluorobiphenyl	8.82	172	1017728	77.65	ng	-0.05
78) Terphenyl-d14	12.53	244	826521	60.97	ng	-0.05

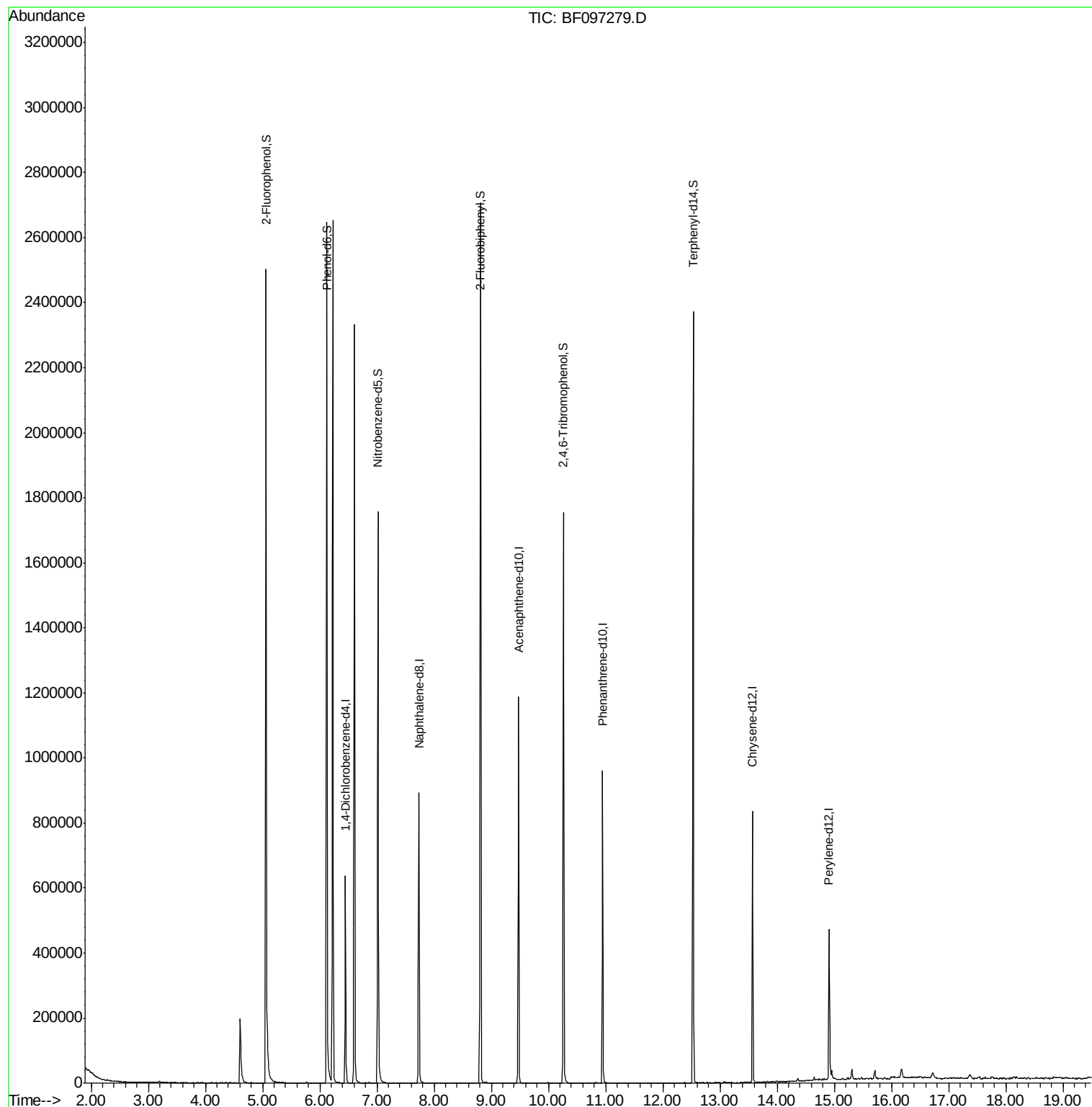
Target Compounds Qvalue

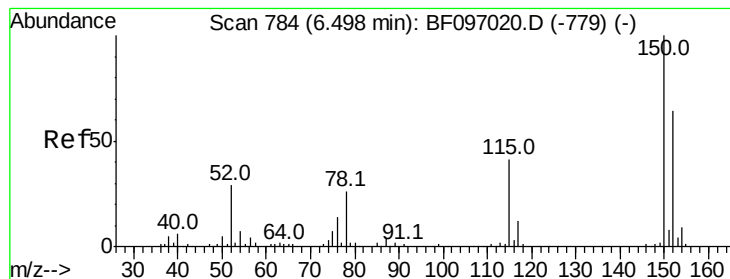
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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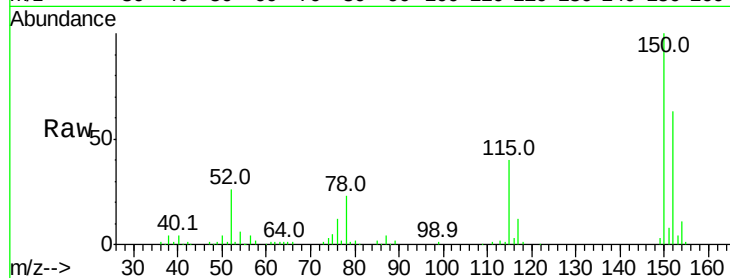


#1

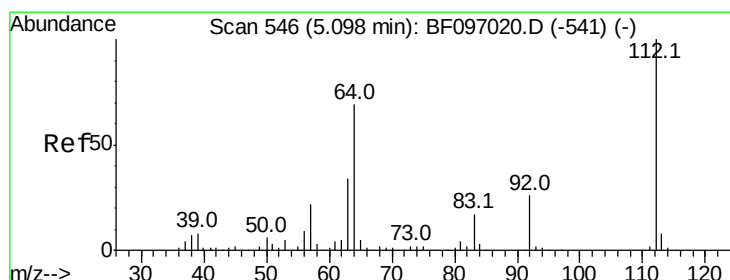
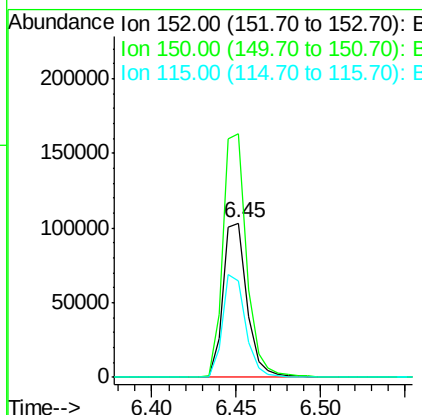
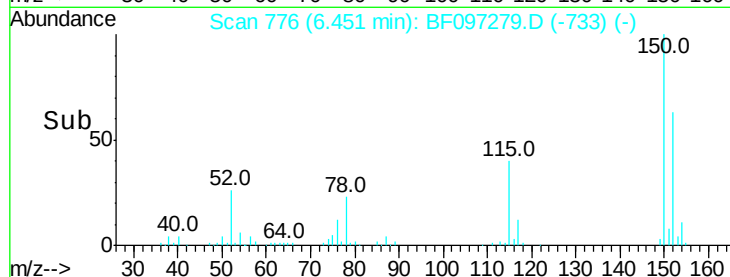
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.45 min Scan# 776
Delta R.T. -0.05 min
Lab File: BF097279.D
Acq: 2 Aug 2017 17:57

Instrument :
BNA_F
ClientSampleId :
PB101158BL

Tot Ion:152 Resp: 102704
Ion Ratio Lower Upper
152 100
150 157.7 126.2 189.2
115 62.7 52.2 78.2



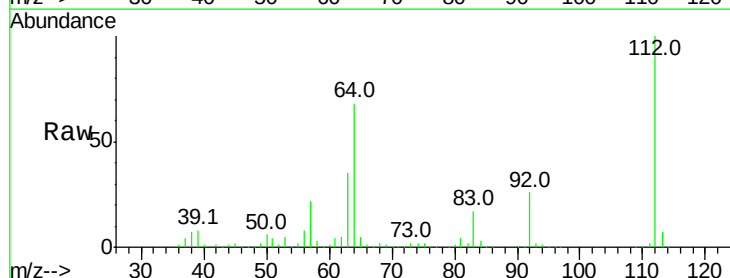
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



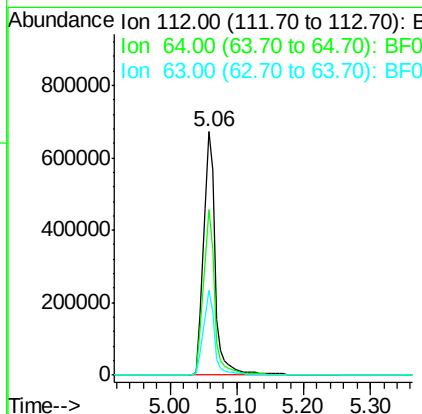
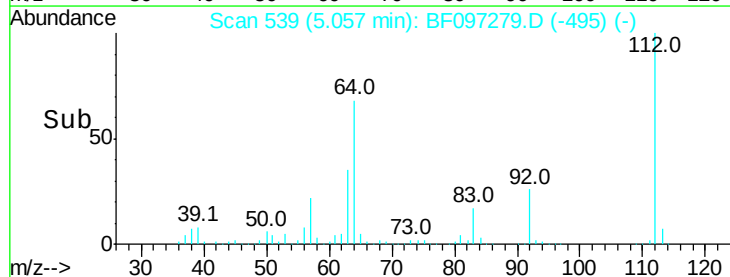
#5

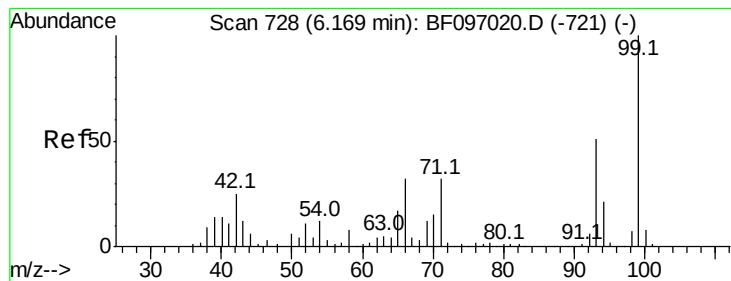
2-Fluorophenol
Concen: 118.974 ng
RT: 5.06 min Scan# 539
Delta R.T. -0.04 min
Lab File: BF097279.D
Acq: 2 Aug 2017 17:57

Tgt Ion:112 Resp: 810562
Ion Ratio Lower Upper
112 100
64 67.9 46.0 69.0
63 35.0 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: 128.456 ng

RT: 6.12 min Scan# 720

Delta R.T. -0.05 min

Lab File: BF097279.D

Acq: 2 Aug 2017 17:57

Instrument :

BNA_F

ClientSampleId :

PB101158BL

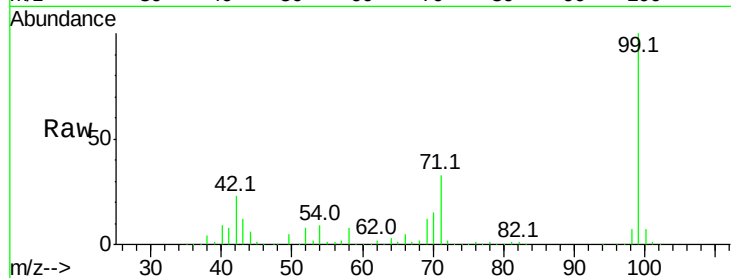
Tot Ion: 99 Resp: 999097

Ion Ratio Lower Upper

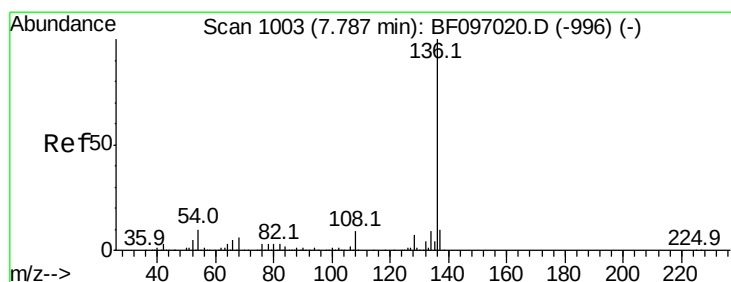
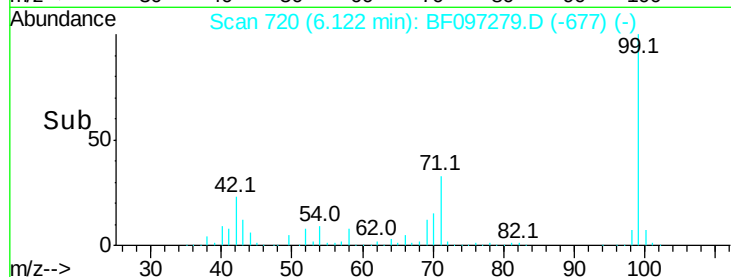
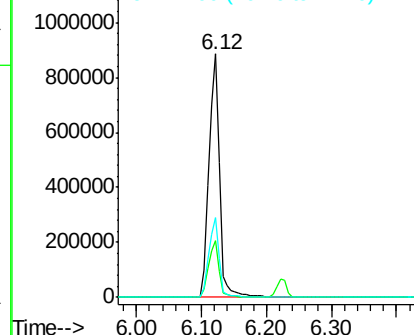
99 100

42 23.3 13.5 20.3#

71 32.9 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: BF097279.D

Acq: 2 Aug 2017 17:57

Tgt Ion: 136 Resp: 448393

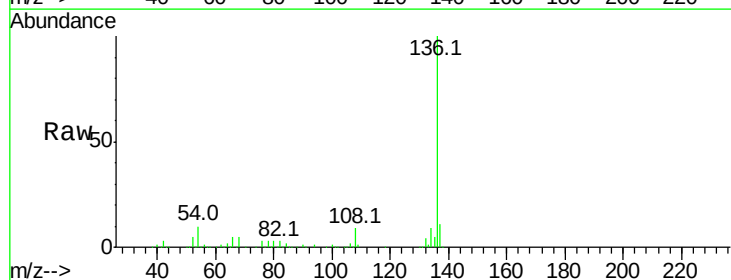
Ion Ratio Lower Upper

136 100

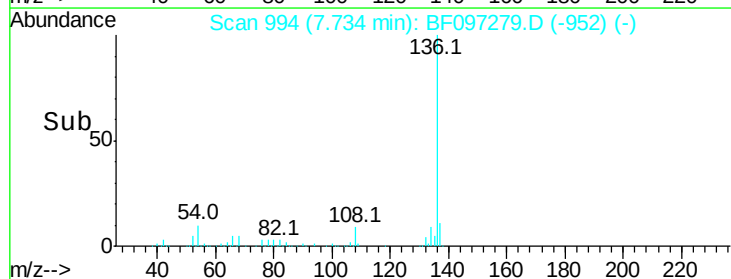
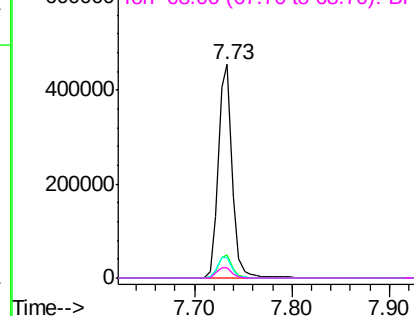
137 10.8 8.5 12.7

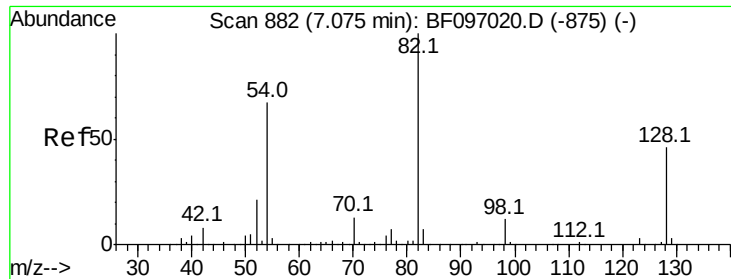
54 9.6 4.9 7.3#

68 4.8 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

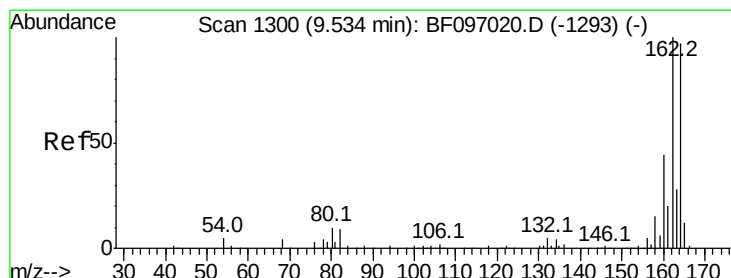
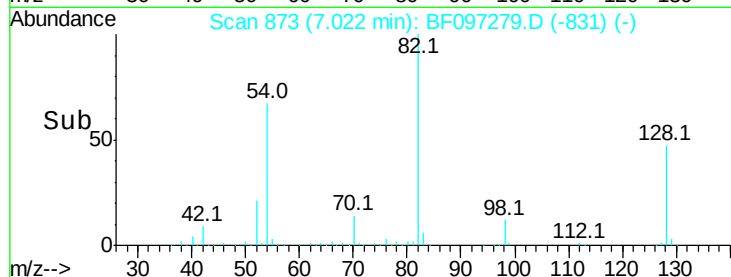
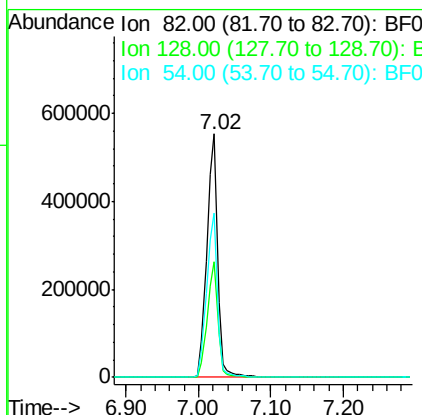
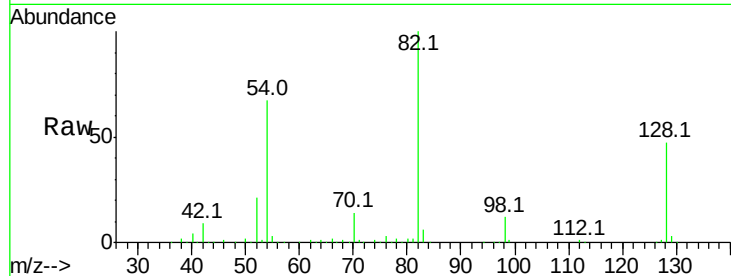




#23
 Nitrobenzene-d5
 Concen: 75.338 ng
 RT: 7.02 min Scan# 873
 Delta R.T. -0.05 min
 Lab File: BF097279.D
 Acq: 2 Aug 2017 17:57

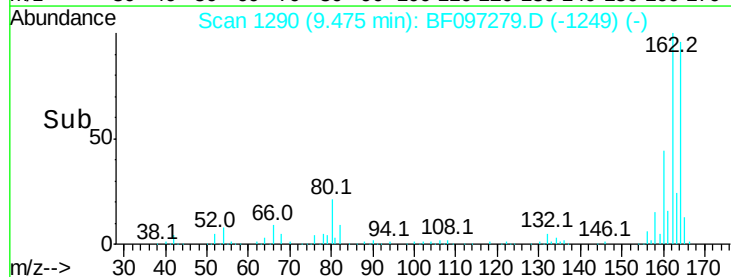
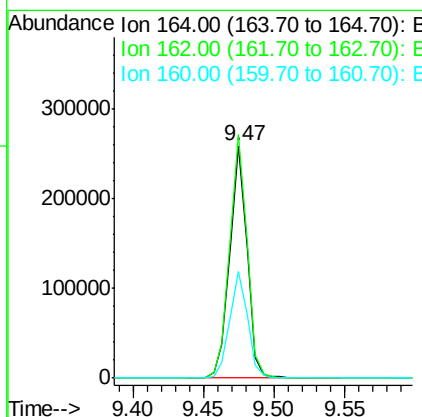
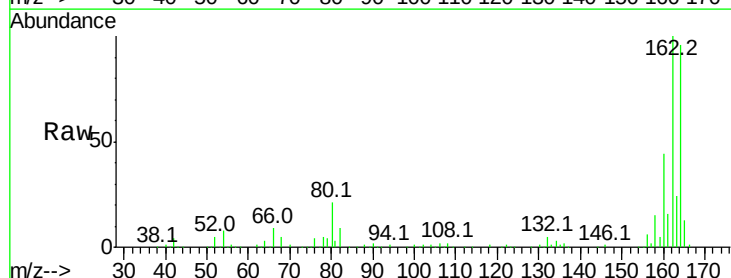
Instrument :
 BNA_F
 ClientSampleId :
 PB101158BL

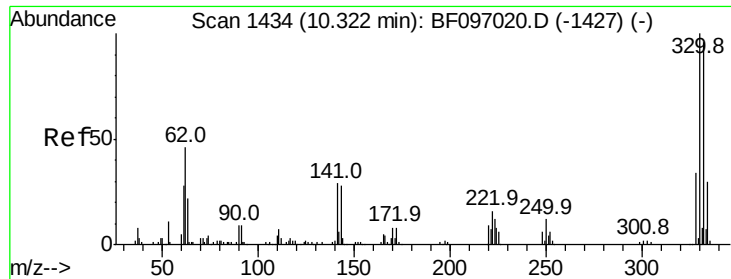
Tot Ion: 82 Resp: 575839
 Ion Ratio Lower Upper
 82 100
 128 47.3 34.0 51.0
 54 67.3 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.06 min
 Lab File: BF097279.D
 Acq: 2 Aug 2017 17:57

Tgt Ion:164 Resp: 222427
 Ion Ratio Lower Upper
 164 100
 162 104.7 82.6 123.8
 160 45.7 36.2 54.2

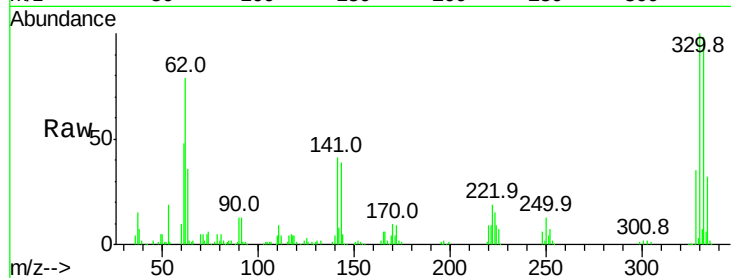




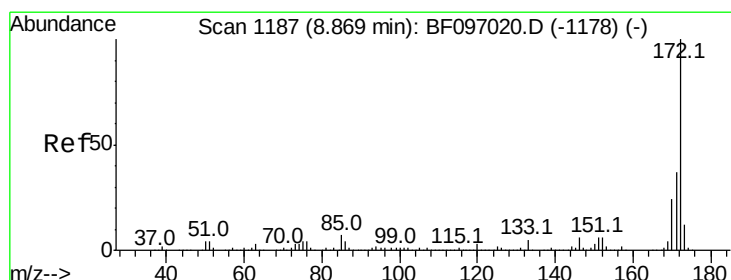
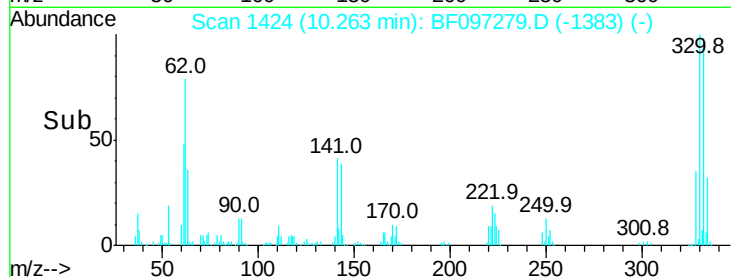
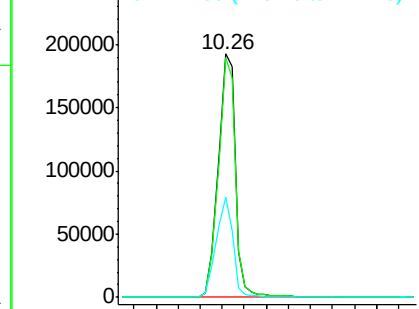
#41
 2,4,6-Tribromophenol
 Concen: 118.333 ng
 RT: 10.26 min Scan# 1424
 Delta R.T. -0.06 min
 Lab File: BF097279.D
 Acq: 2 Aug 2017 17:57

Instrument :
 BNA_F
 ClientSampleId :
 PB101158BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	115.0
141	39.5	31.4	47.2

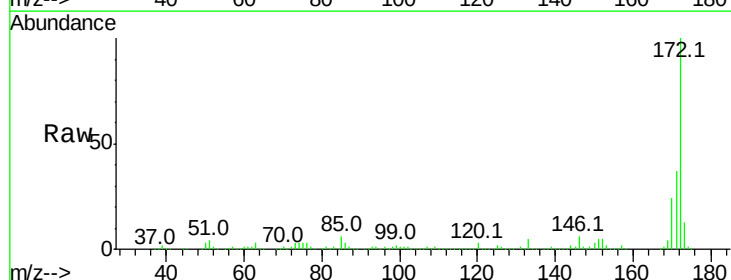


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

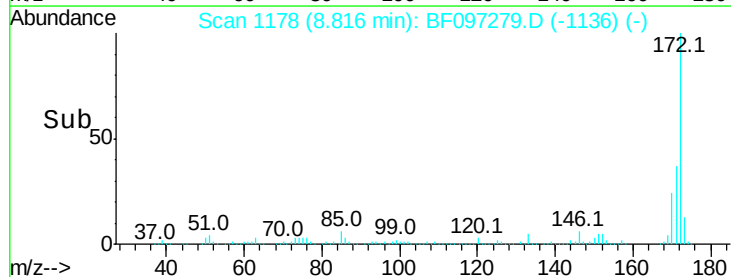
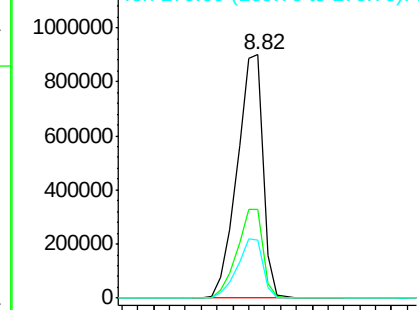


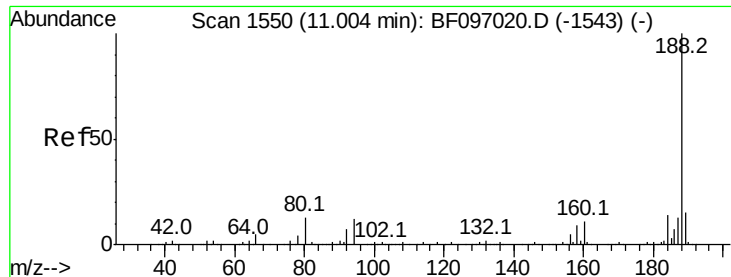
#44
 2-Fluorobiphenyl
 Concen: 77.652 ng
 RT: 8.82 min Scan# 1178
 Delta R.T. -0.05 min
 Lab File: BF097279.D
 Acq: 2 Aug 2017 17:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	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

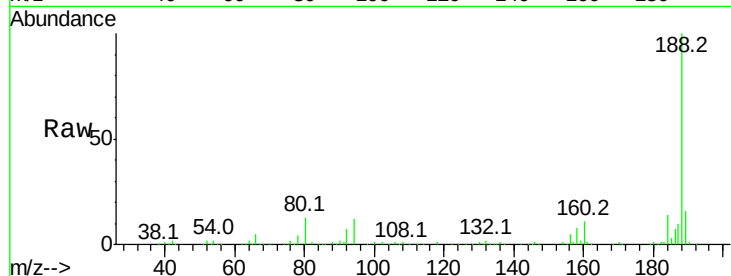




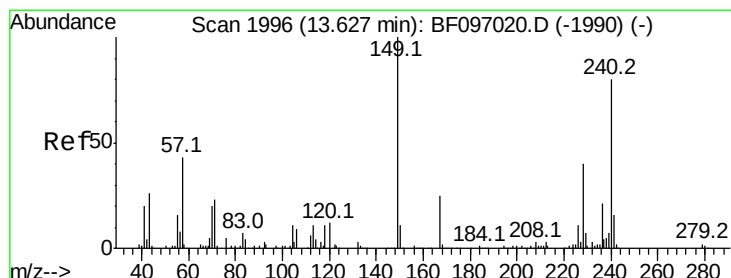
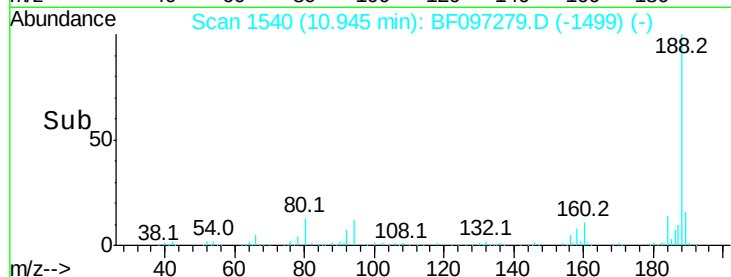
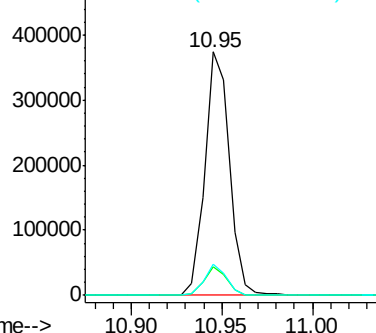
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 10.95 min Scan# 1540
 Delta R.T. -0.06 min
 Lab File: BF097279.D
 Acq: 2 Aug 2017 17:57

Instrument :
 BNA_F
 ClientSampleId :
 PB101158BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.8	9.4	14.2
80	12.7	10.2	15.2

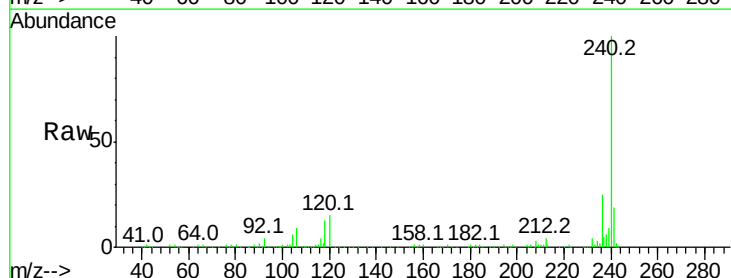


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

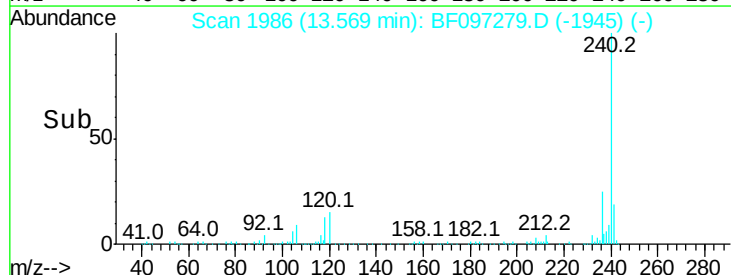
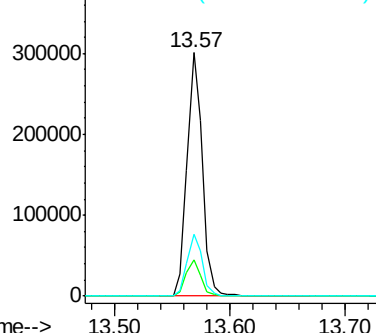


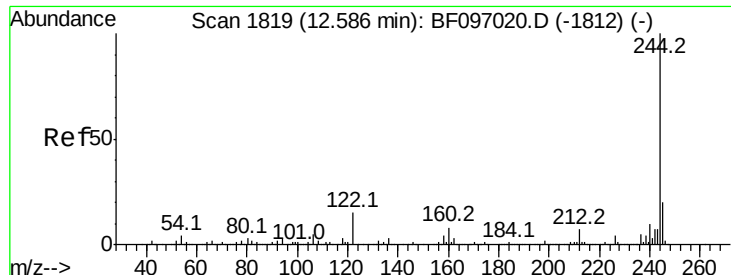
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.57 min Scan# 1986
 Delta R.T. -0.06 min
 Lab File: BF097279.D
 Acq: 2 Aug 2017 17:57

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.8	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: 60.974 ng

RT: 12.53 min Scan# 1810

Delta R.T. -0.05 min

Lab File: BF097279.D

Acq: 2 Aug 2017 17:57

Instrument :

BNA_F

ClientSampleId :

PB101158BL

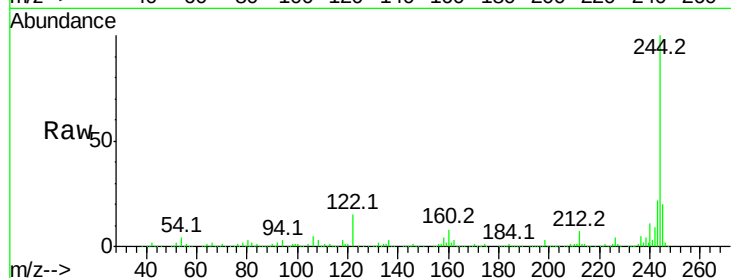
Tot Ion:244 Resp: 826521

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

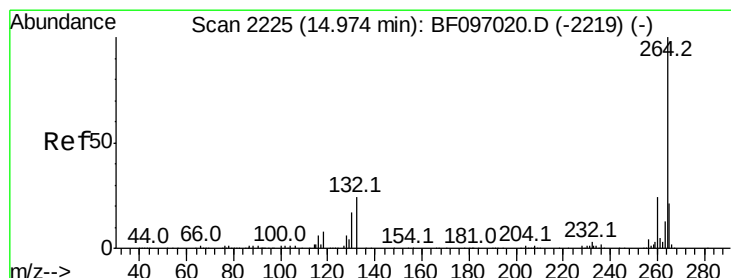
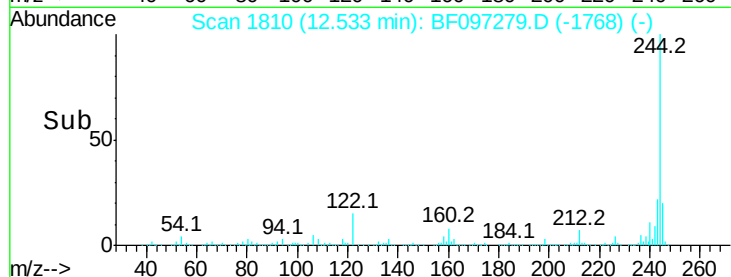
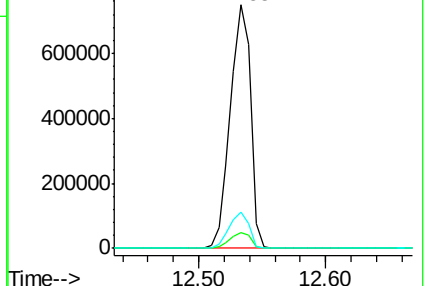
122 14.9 10.3 15.5



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: 14.91 min Scan# 2214

Delta R.T. -0.06 min

Lab File: BF097279.D

Acq: 2 Aug 2017 17:57

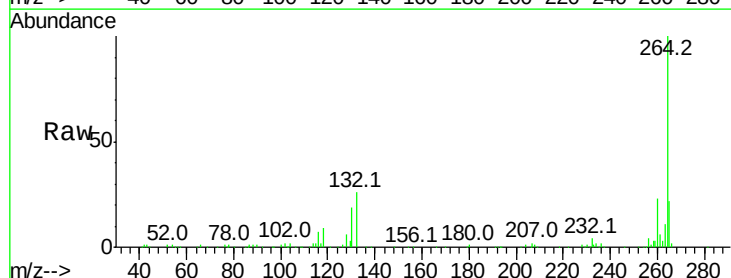
Tgt Ion:264 Resp: 186899

Ion Ratio Lower Upper

264 100

260 23.4 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

