

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
 Data File : BF097430.D
 Acq On : 7 Aug 2017 15:42
 Operator : SJ/JU
 Sample : PB101306BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101306BL

Quant Time: Aug 08 05:08:10 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	6.41	152	86535	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	367481	20.00	ng	0.00
38) Acenaphthene-d10	9.43	164	158047	20.00	ng	0.00
63) Phenanthrene-d10	10.91	188	279371	20.00	ng	0.00
75) Chrysene-d12	13.53	240	240382	20.00	ng	0.00
86) Perylene-d12	14.87	264	172527	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.01	112	739148	128.76	ng	0.00
7) Phenol-d6	6.09	99	892889	136.25	ng	0.00
23) Nitrobenzene-d5	6.98	82	497860	79.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.23	330	163701	131.09	ng	0.00
44) 2-Fluorobiphenyl	8.77	172	888125	95.37	ng	0.00
78) Terphenyl-d14	12.50	244	733332	62.20	ng	0.00

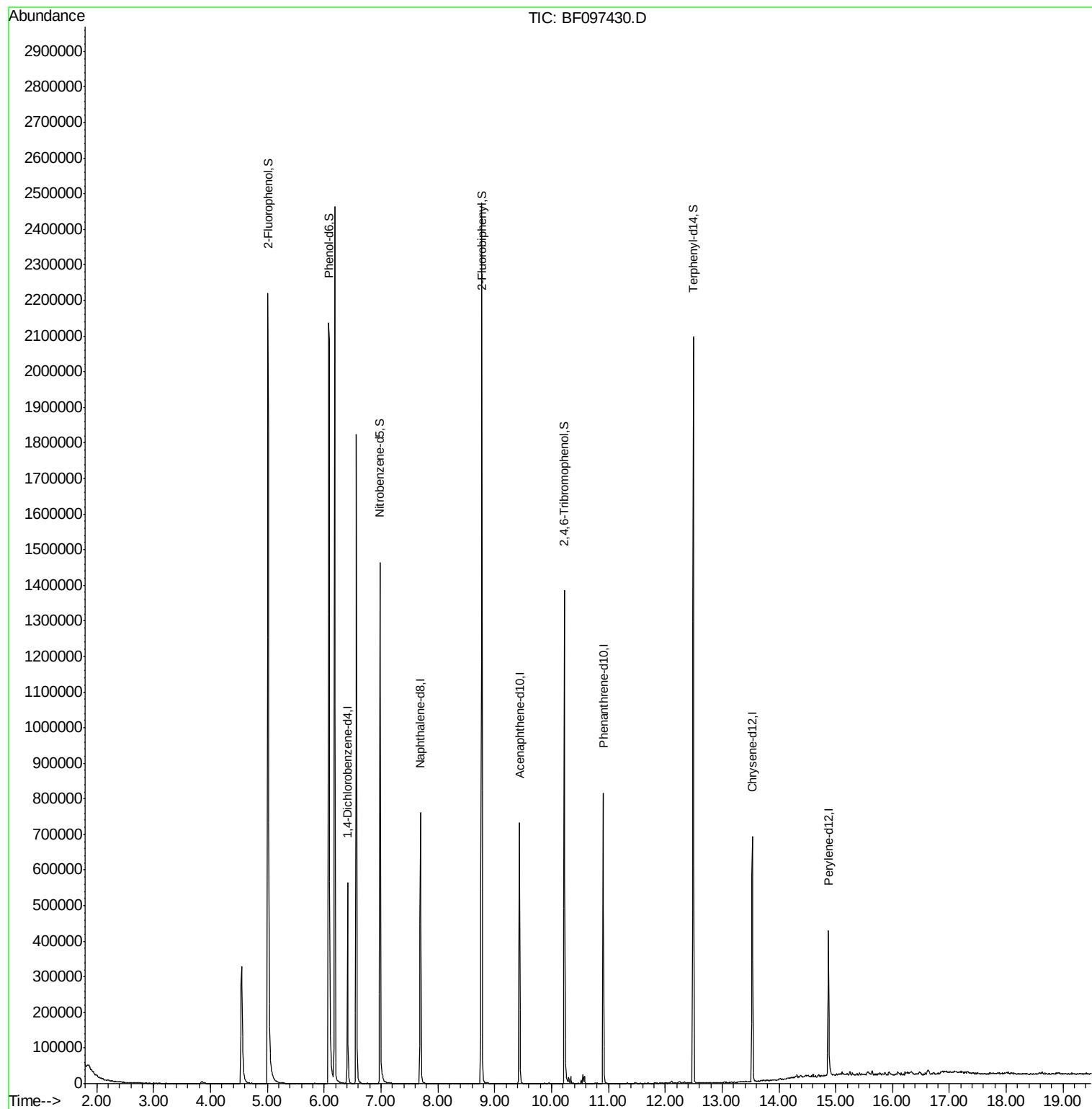
Target Compounds Qvalue

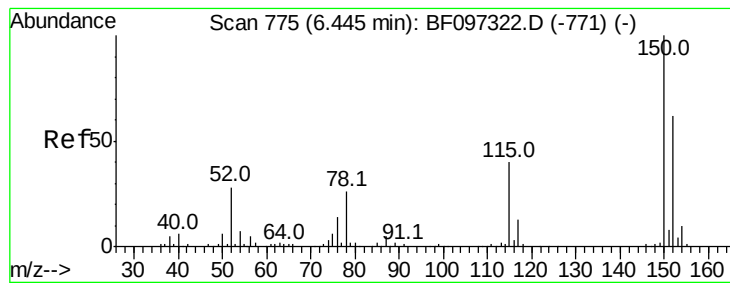
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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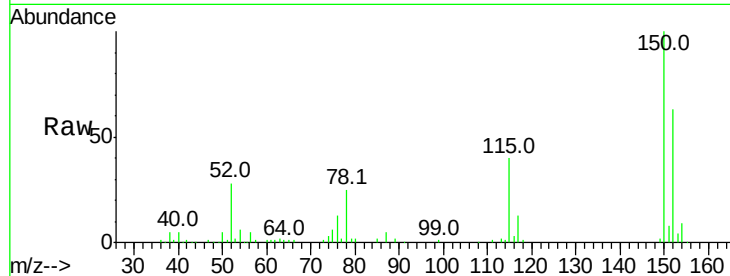


#1

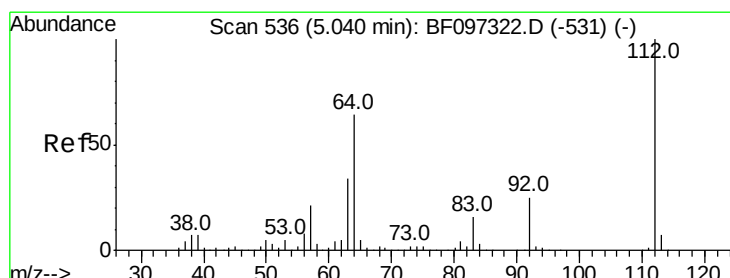
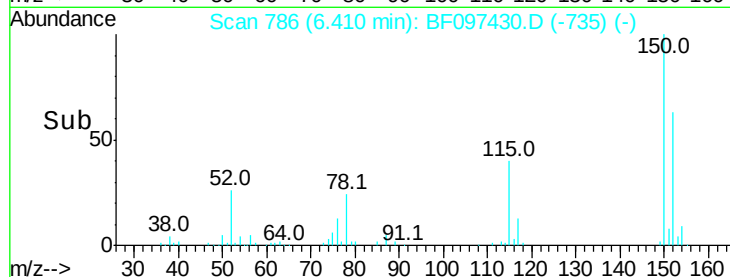
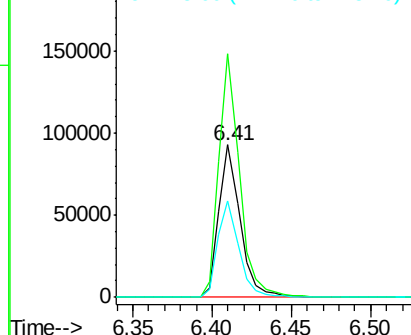
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.41 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF097430.D
Acq: 7 Aug 2017 15:42

Instrument :
BNA_F
ClientSampleId :
PB101306BL

Tot Ion:152 Resp: 86535
Ion Ratio Lower Upper
152 100
150 159.7 126.2 189.2
115 63.6 52.2 78.2



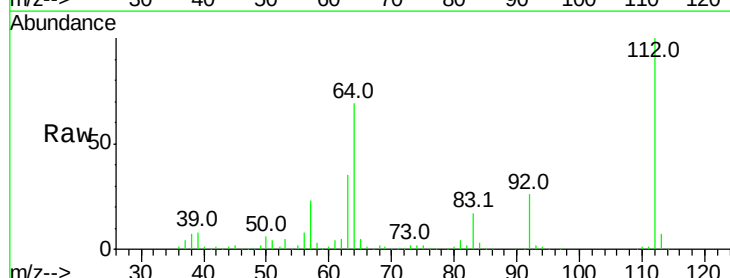
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



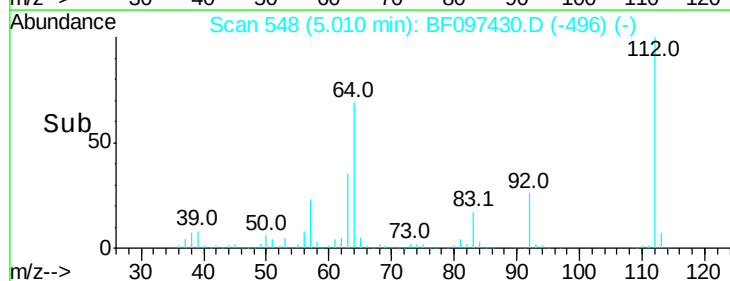
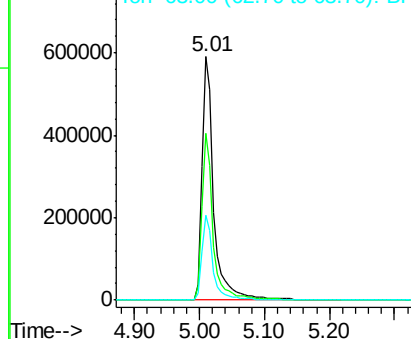
#5

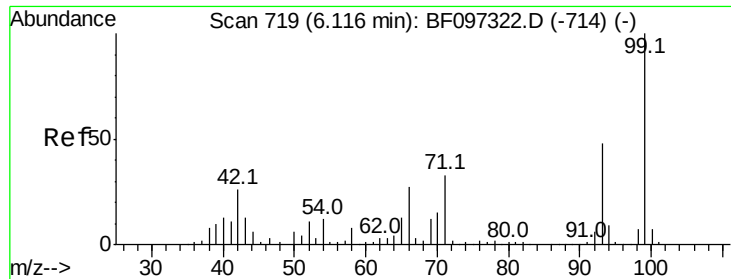
2-Fluorophenol
Concen: 128.764 ng
RT: 5.01 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF097430.D
Acq: 7 Aug 2017 15:42

Tgt Ion:112 Resp: 739148
Ion Ratio Lower Upper
112 100
64 68.7 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: 136.251 ng

RT: 6.09 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF097430.D

Acq: 7 Aug 2017 15:42

Instrument :

BNA_F

ClientSampleId :

PB101306BL

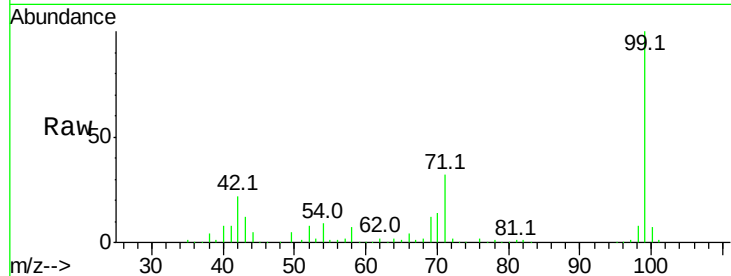
Tot Ion: 99 Resp: 892889

Ion Ratio Lower Upper

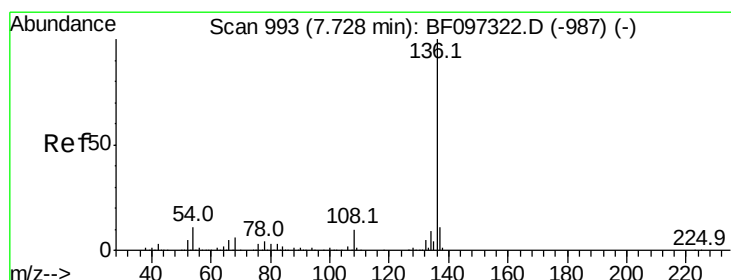
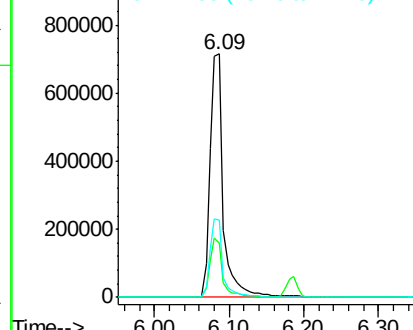
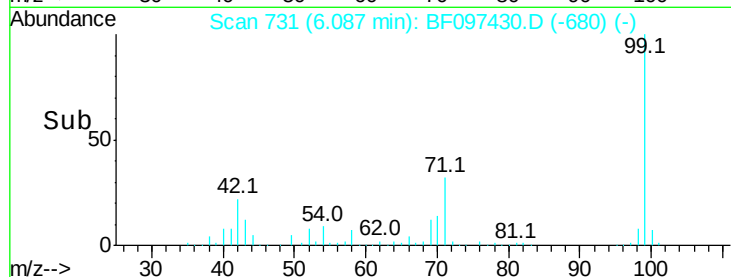
99 100

42 22.3 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: 7.69 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF097430.D

Acq: 7 Aug 2017 15:42

Tgt Ion: 136 Resp: 367481

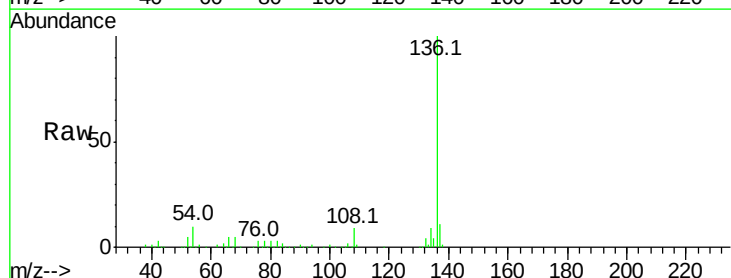
Ion Ratio Lower Upper

136 100

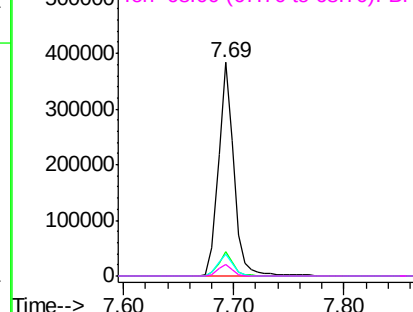
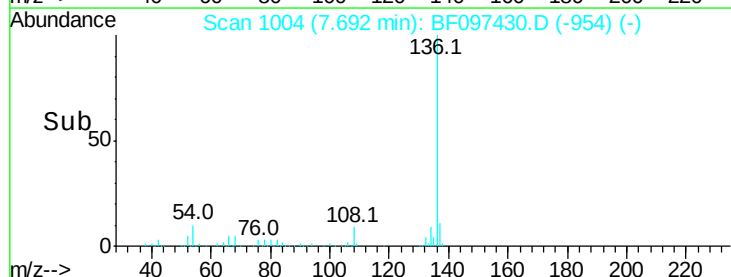
137 11.1 8.5 12.7

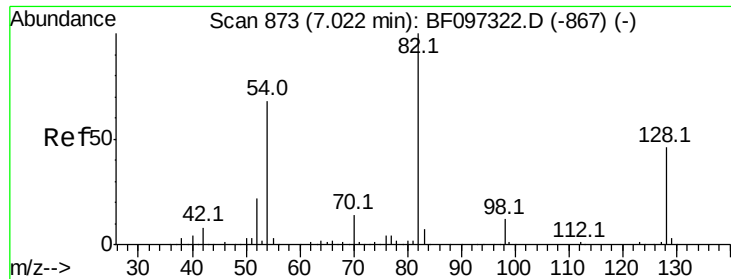
54 10.0 4.9 7.3#

68 5.4 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

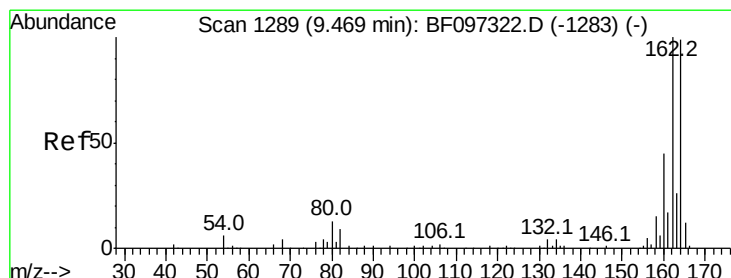
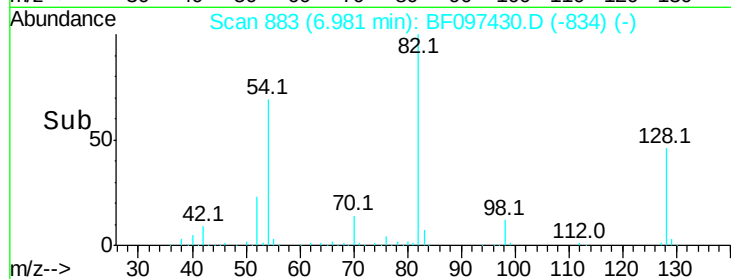
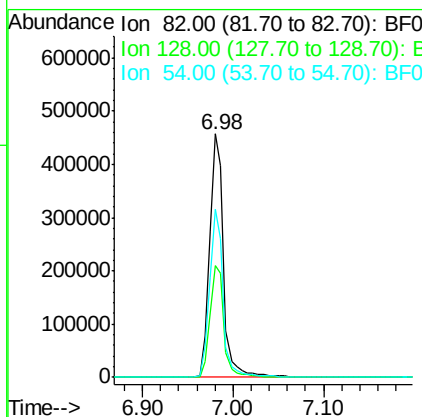
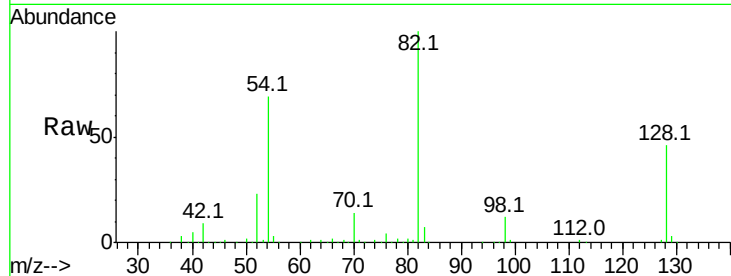




#23
Nitrobenzene-d5
Concen: 79.477 ng
RT: 6.98 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF097430.D
Acq: 7 Aug 2017 15:42

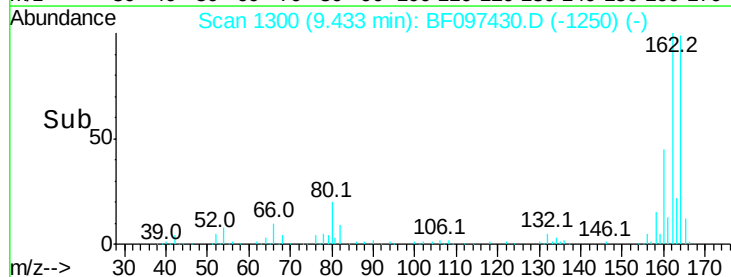
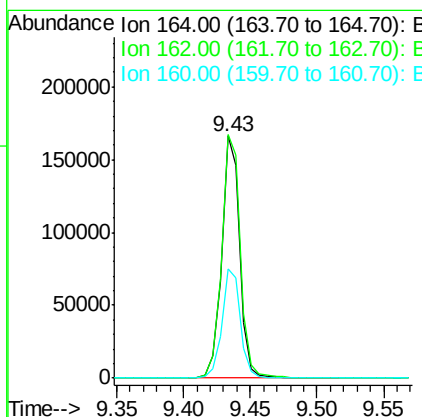
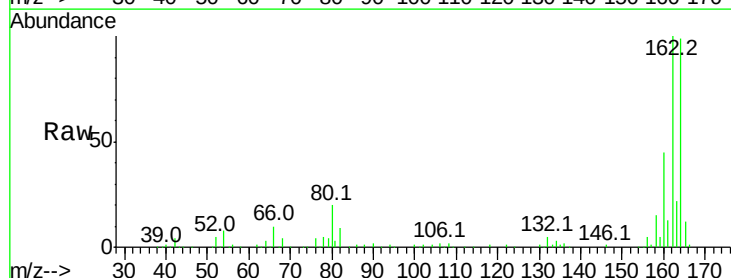
Instrument :
BNA_F
ClientSampleId :
PB101306BL

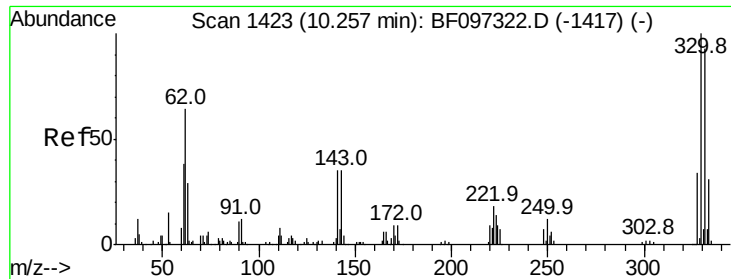
Tot Ion: 82 Resp: 497860
Ion Ratio Lower Upper
82 100
128 45.9 34.0 51.0
54 68.8 42.2 63.2#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.43 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF097430.D
Acq: 7 Aug 2017 15:42

Tgt Ion:164 Resp: 158047
Ion Ratio Lower Upper
164 100
162 100.7 82.6 123.8
160 45.2 36.2 54.2

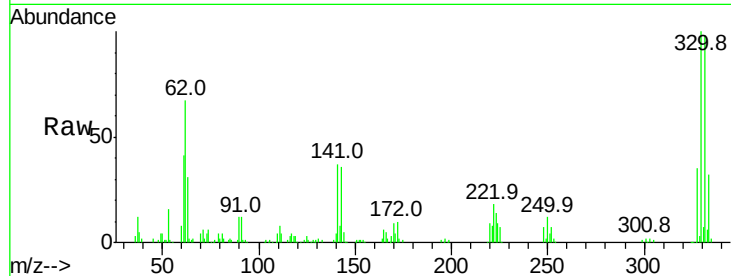




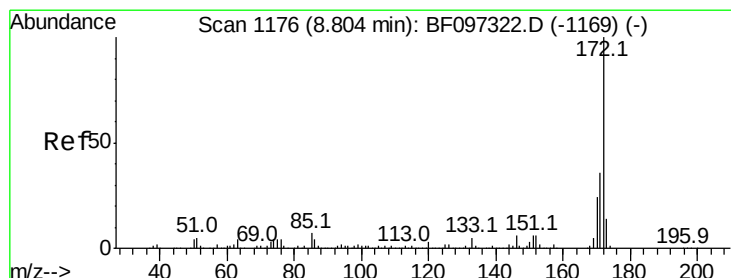
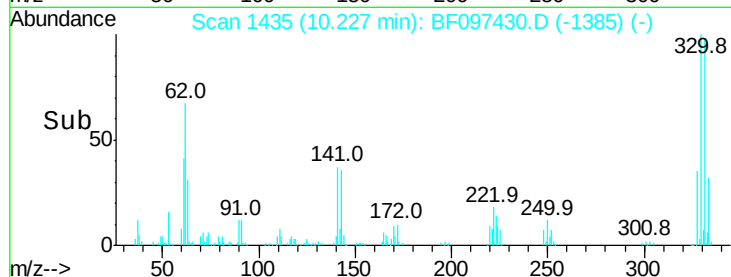
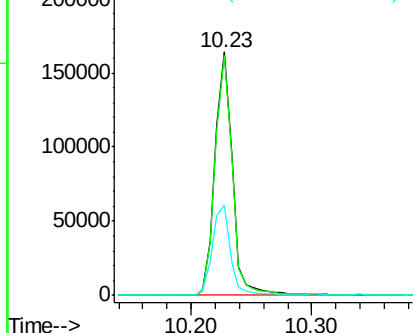
#41
 2,4,6-Tribromophenol
 Concen: 131.095 ng
 RT: 10.23 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF097430.D
 Acq: 7 Aug 2017 15:42

Instrument :
 BNA_F
 ClientSampleId :
 PB101306BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	115.0
141	38.2	31.4	47.2

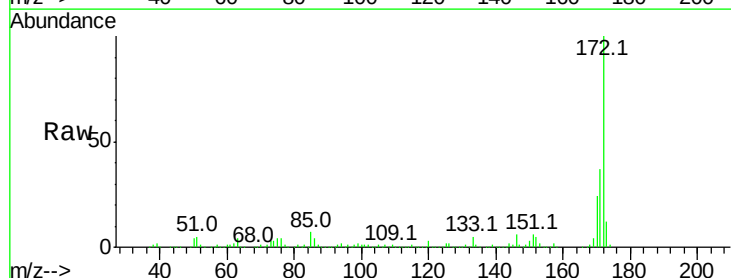


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

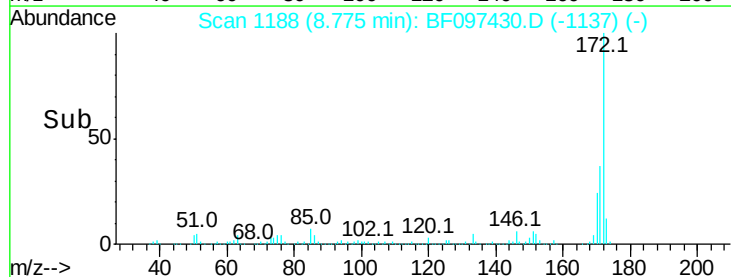
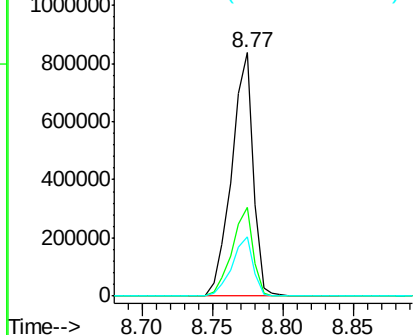


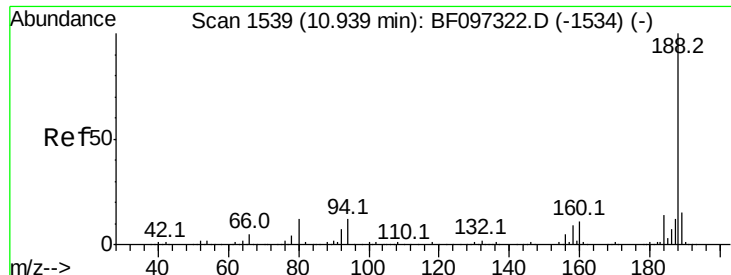
#44
 2-Fluorobiphenyl
 Concen: 95.366 ng
 RT: 8.77 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF097430.D
 Acq: 7 Aug 2017 15:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.3	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

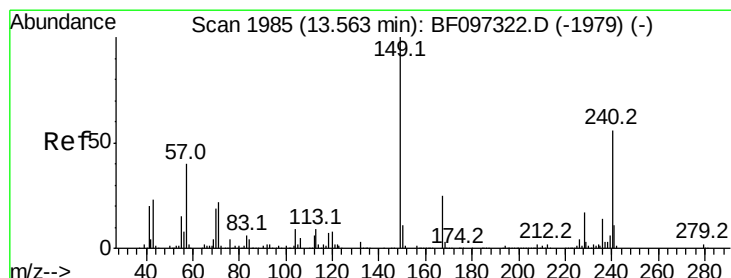
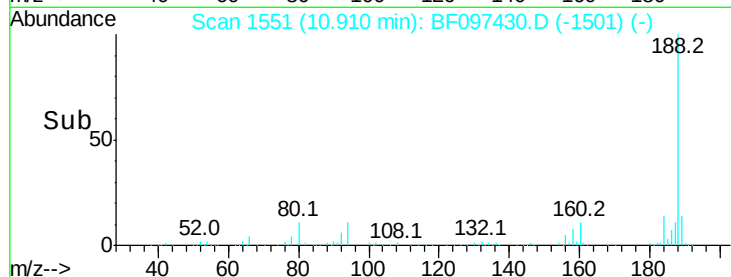
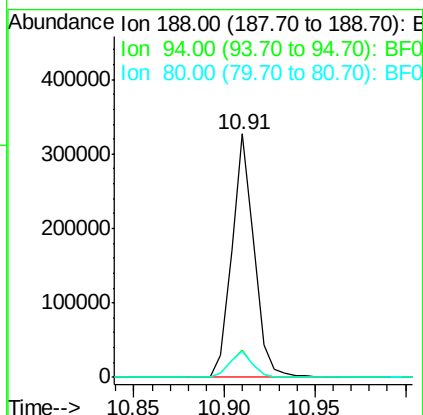
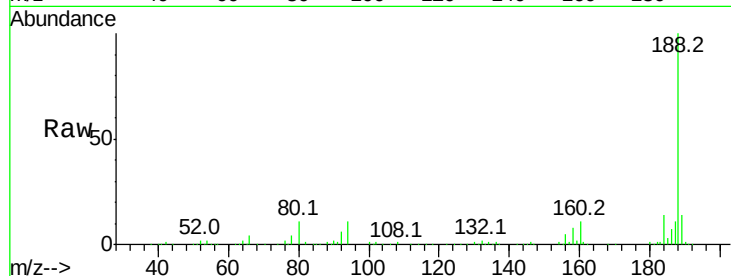




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.91 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF097430.D
Acq: 7 Aug 2017 15:42

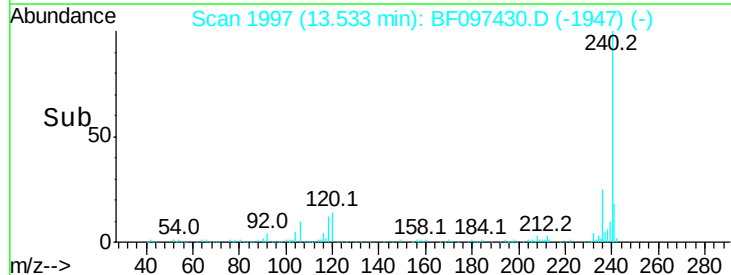
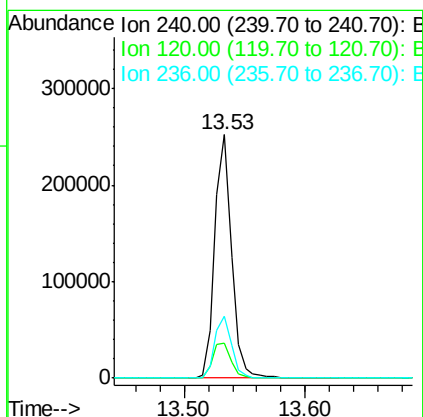
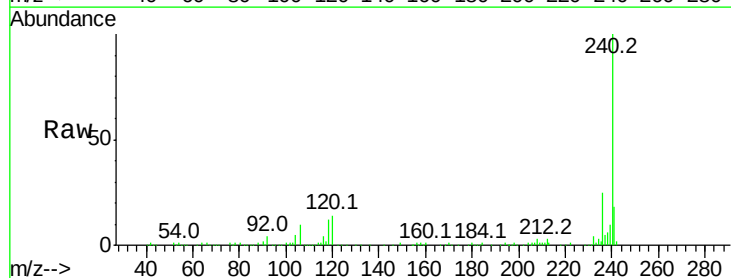
Instrument :
BNA_F
ClientSampleId :
PB101306BL

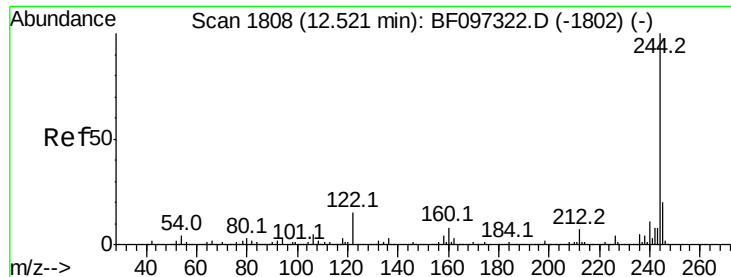
Tot Ion:188 Resp: 279371
Ion Ratio Lower Upper
188 100
94 11.0 9.4 14.2
80 10.9 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.53 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF097430.D
Acq: 7 Aug 2017 15:42

Tgt Ion:240 Resp: 240382
Ion Ratio Lower Upper
240 100
120 14.3 5.8 8.8#
236 25.4 20.5 30.7





#78

Terphenyl-d14

Concen: 62.199 ng

RT: 12.50 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF097430.D

Acq: 7 Aug 2017 15:42

Instrument :

BNA_F

ClientSampleId :

PB101306BL

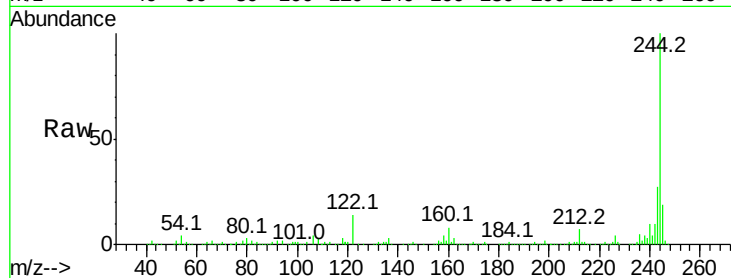
Tot Ion:244 Resp: 733332

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

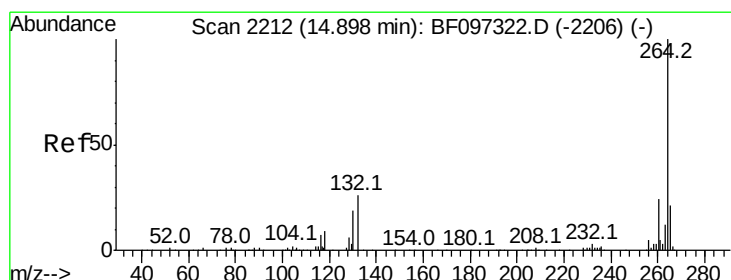
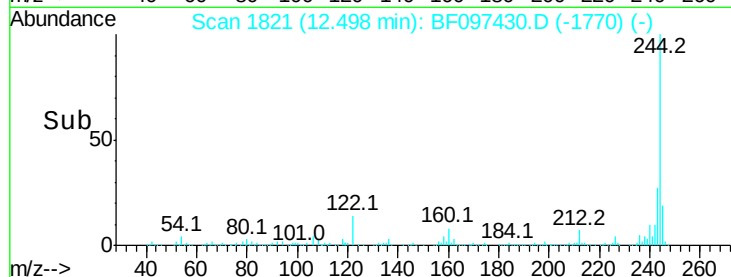
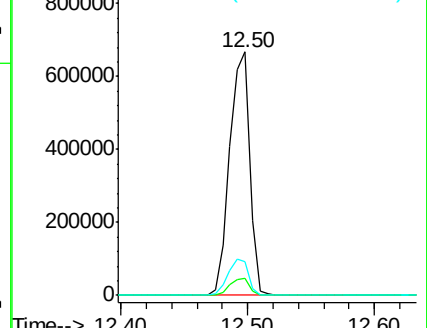
122 13.8 10.3 15.5



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: BF097430.D

Acq: 7 Aug 2017 15:42

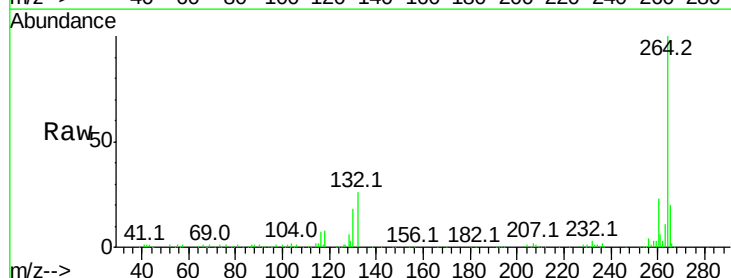
Tgt Ion:264 Resp: 172527

Ion Ratio Lower Upper

264 100

260 23.1 19.5 29.3

265 20.4 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

