

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
 Data File : BF097740.D
 Acq On : 16 Aug 2017 15:50
 Operator : SJ/JU
 Sample : PB101499BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101499BL

Quant Time: Aug 17 01:49:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	141964	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	583188	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	273482	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	536443	20.00	ng	0.00
75) Chrysene-d12	13.93	240	364901	20.00	ng	-0.01
86) Perylene-d12	15.36	264	246203	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1105549	118.45	ng	0.01
7) Phenol-d6	6.41	99	1496575	118.02	ng	0.00
23) Nitrobenzene-d5	7.34	82	940118	87.57	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	315360	132.90	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1448552	77.82	ng	0.00
78) Terphenyl-d14	12.89	244	1288964	73.66	ng	0.00

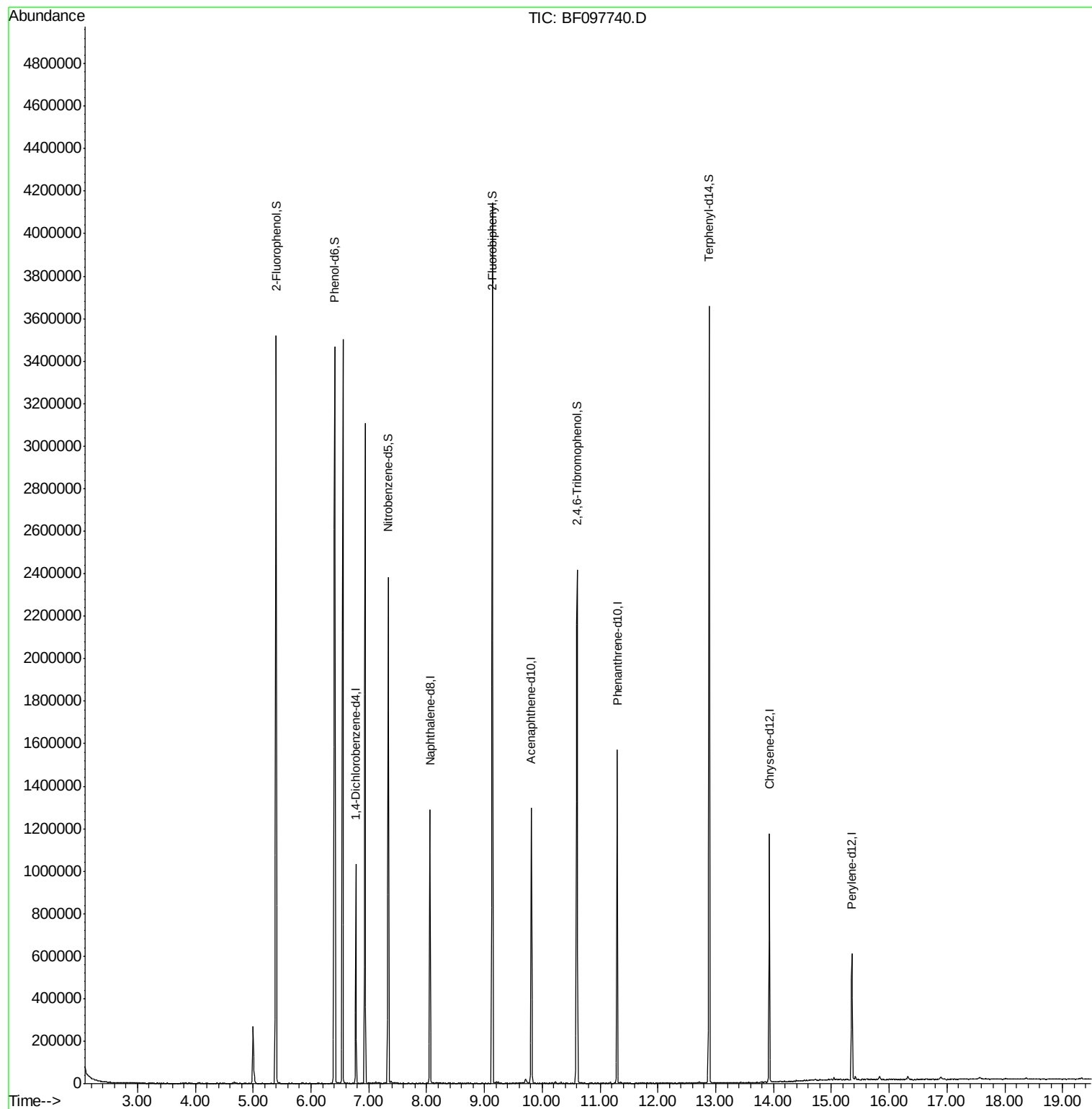
Target Compounds Qvalue

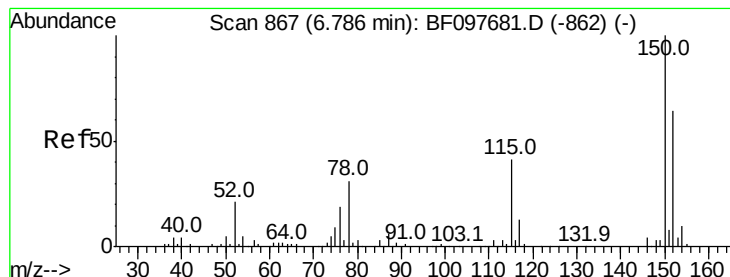
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF097740.D

Acq: 16 Aug 2017 15:50

Instrument :

BNA_F

ClientSampleId :

PB101499BL

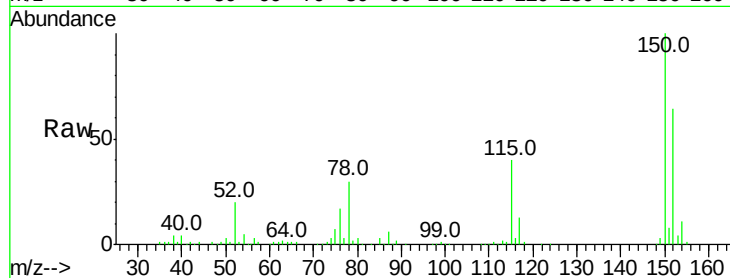
Tot Ion:152 Resp: 141964

Ion Ratio Lower Upper

152 100

150 155.8 126.2 189.2

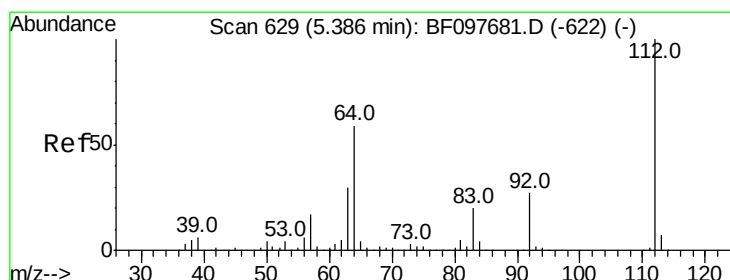
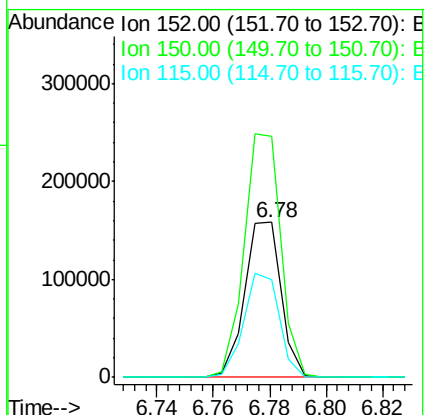
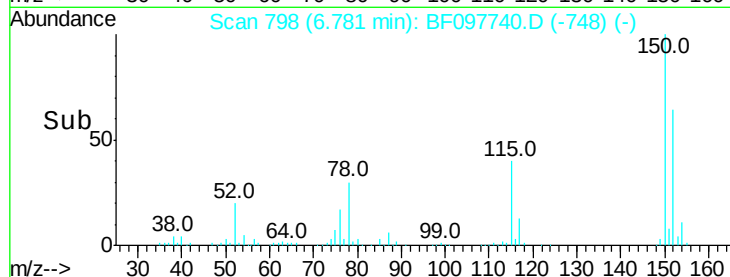
115 63.0 52.2 78.2



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: 118.454 ng

RT: 5.40 min Scan# 563

Delta R.T. 0.01 min

Lab File: BF097740.D

Acq: 16 Aug 2017 15:50

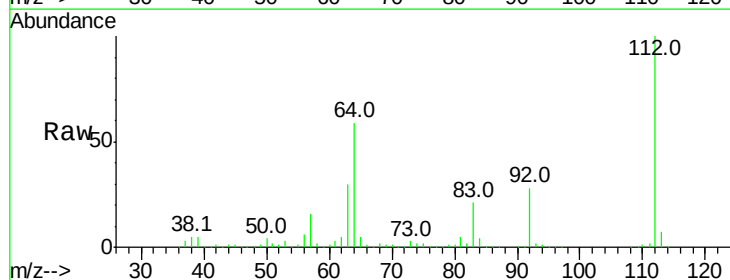
Tgt Ion:112 Resp: 1105549

Ion Ratio Lower Upper

112 100

64 58.9 46.0 69.0

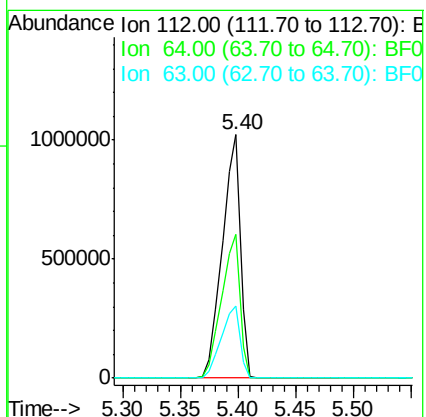
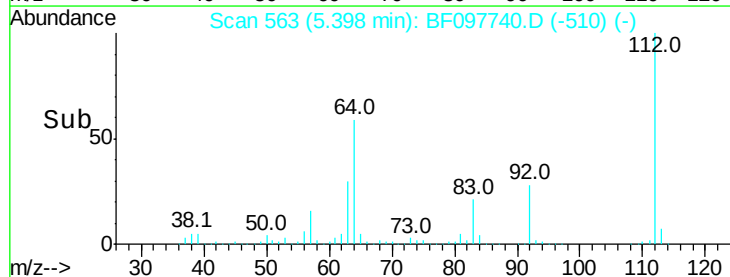
63 29.7 23.4 35.0

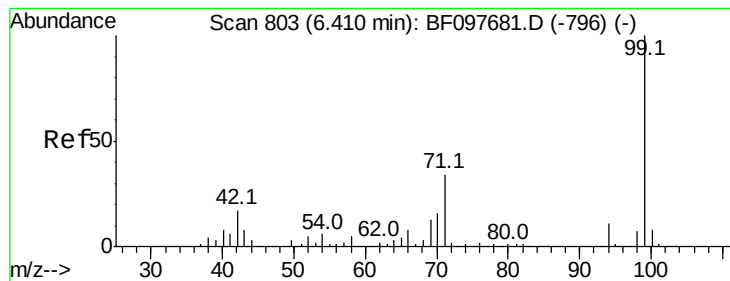


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 118.017 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF097740.D

Acq: 16 Aug 2017 15:50

Instrument :

BNA_F

ClientSampleId :

PB101499BL

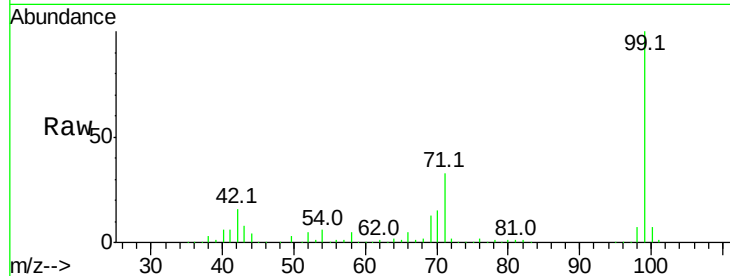
Tot Ion: 99 Resp: 1496575

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

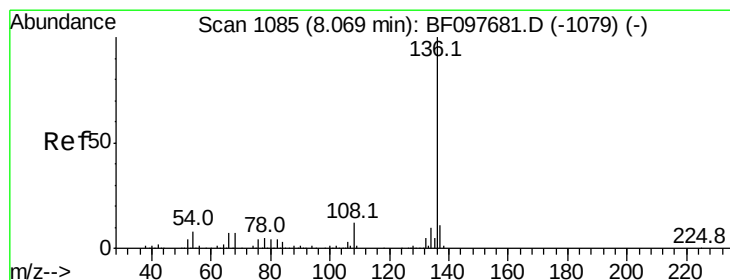
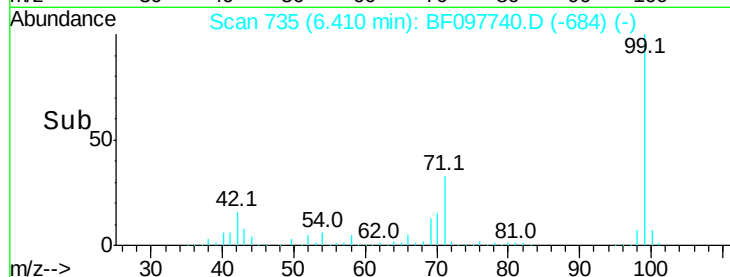
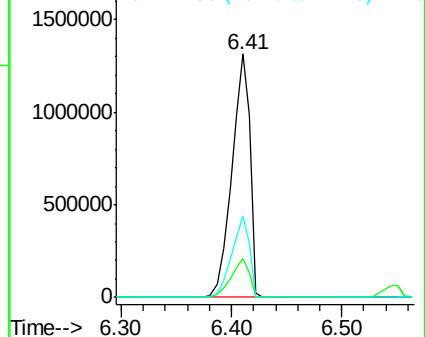
71 33.2 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF097740.D

Acq: 16 Aug 2017 15:50

Tgt Ion: 136 Resp: 583188

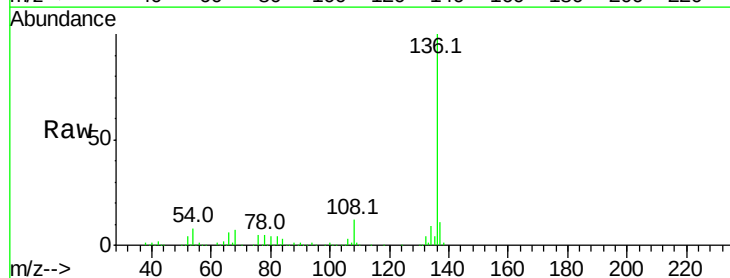
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 8.1 4.9 7.3#

68 7.4 4.1 6.1#

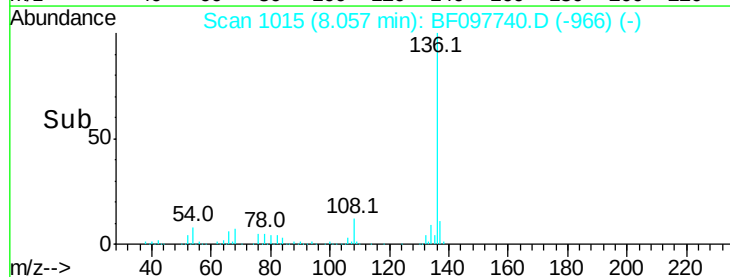
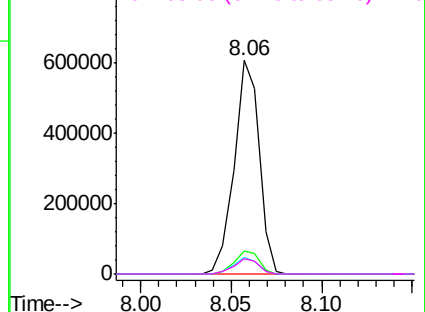


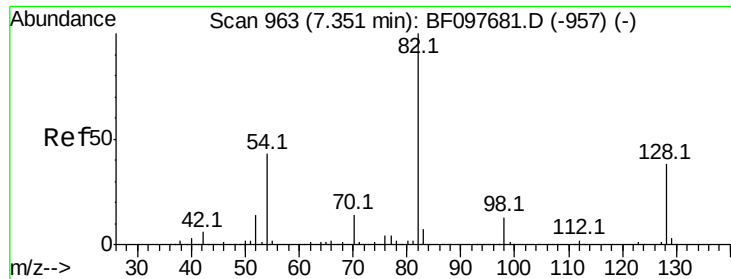
Abundance Ion 136.00 (135.70 to 136.70): E

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

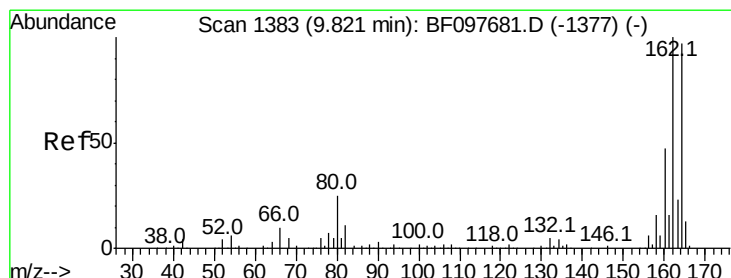
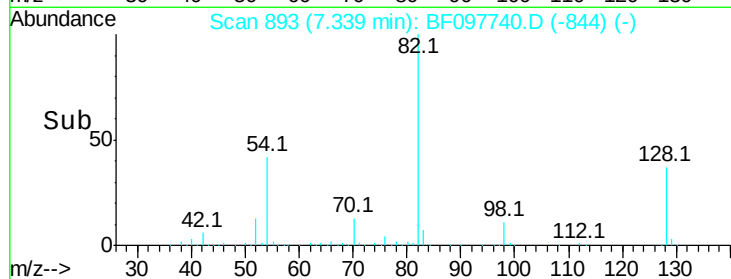
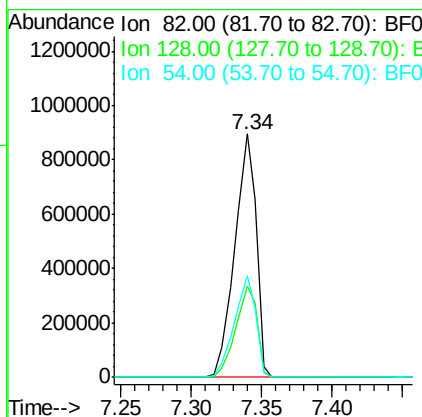
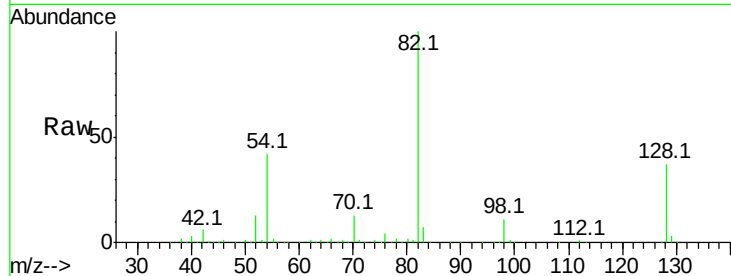




#23
 Nitrobenzene-d5
 Concen: 87.573 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF097740.D
 Acq: 16 Aug 2017 15:50

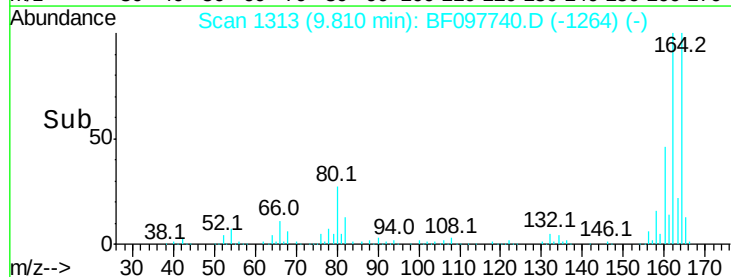
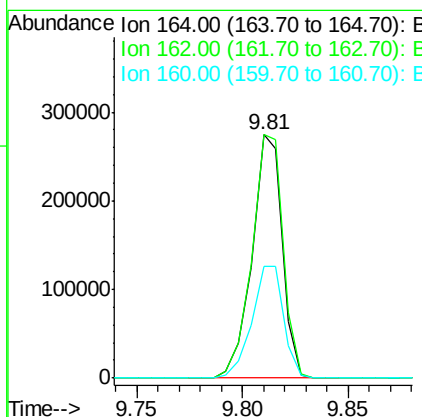
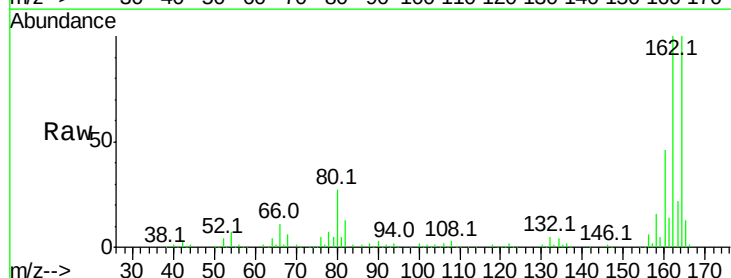
Instrument :
 BNA_F
 ClientSampleId :
 PB101499BL

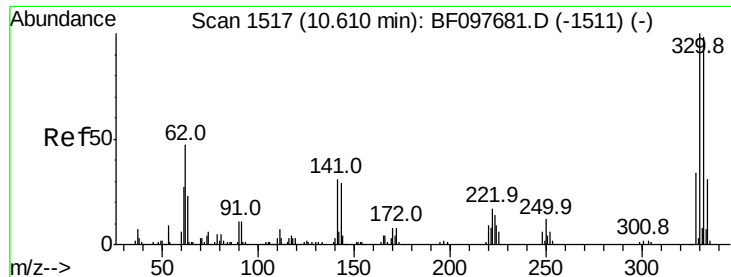
Tot Ion	Ratio	Lower	Upper
82	100		
128	37.3	34.0	51.0
54	41.6	42.2	63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF097740.D
 Acq: 16 Aug 2017 15:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.9	82.6	123.8
160	45.9	36.2	54.2

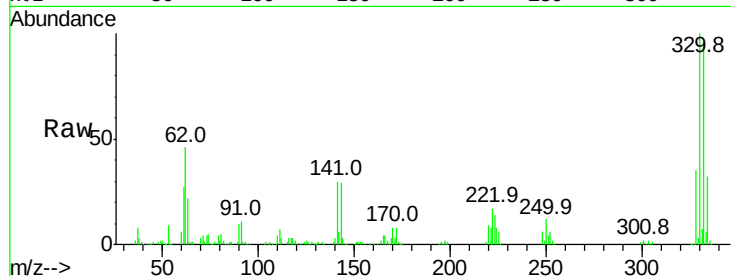




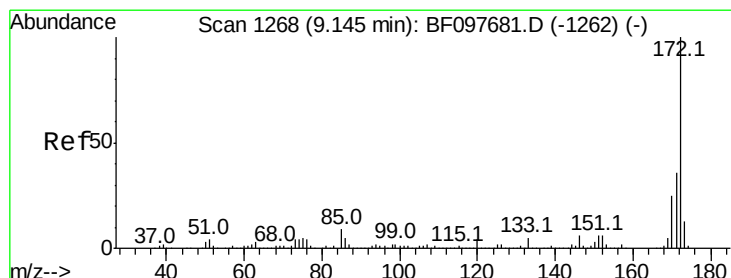
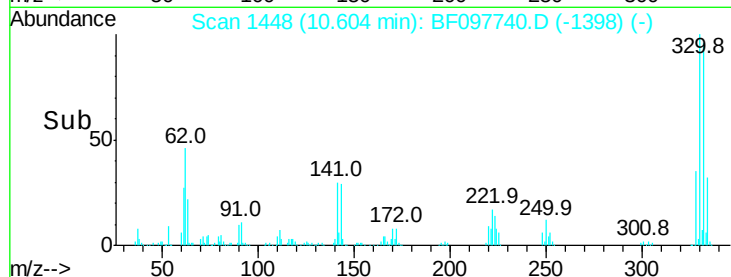
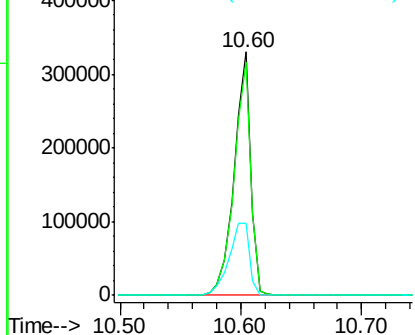
#41
 2,4,6-Tribromophenol
 Concen: 132.901 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF097740.D
 Acq: 16 Aug 2017 15:50

Instrument :
 BNA_F
 ClientSampleId :
 PB101499BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	115.0
141	36.4	31.4	47.2

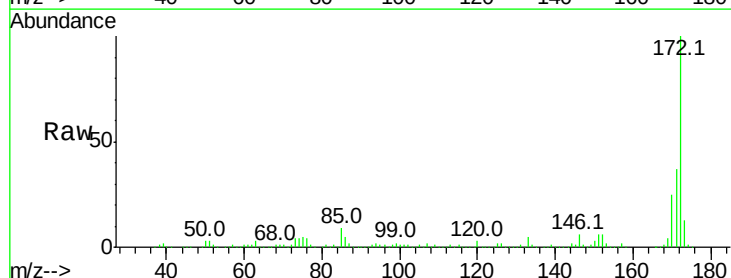


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

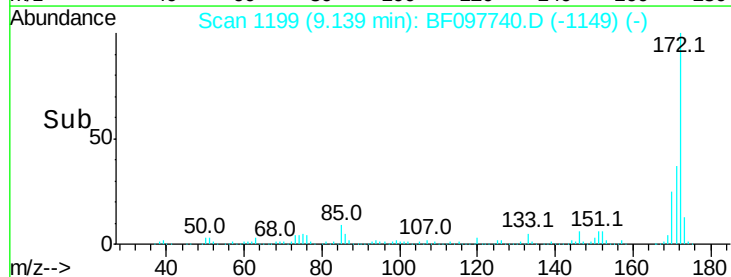
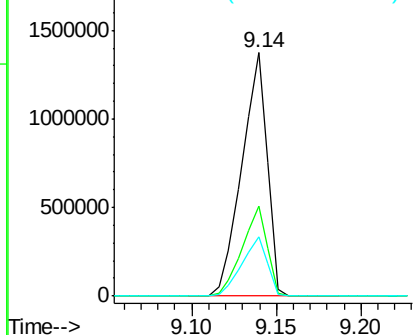


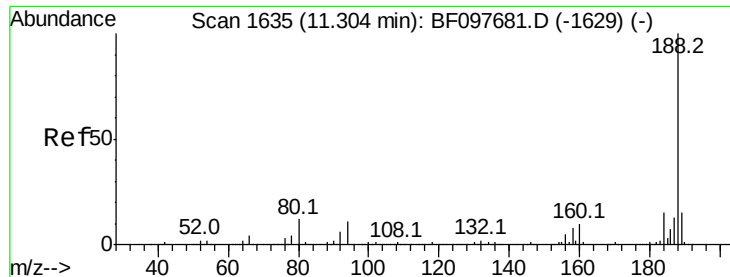
#44
 2-Fluorobiphenyl
 Concen: 77.819 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF097740.D
 Acq: 16 Aug 2017 15:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	24.5	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

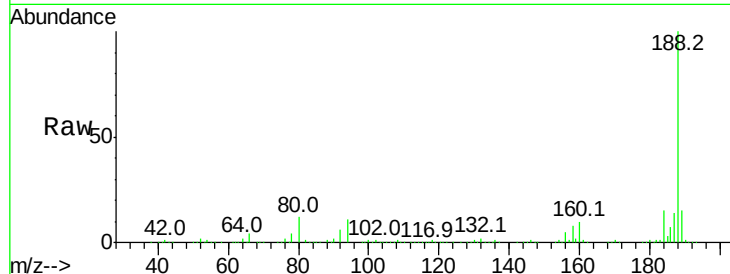




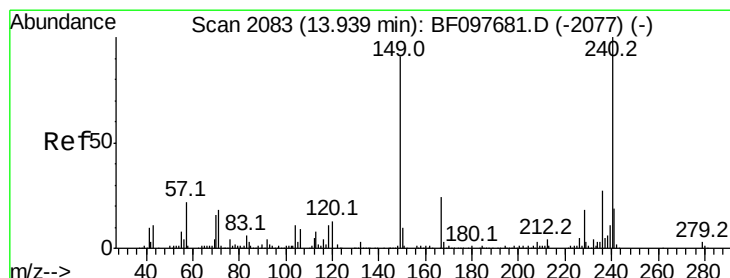
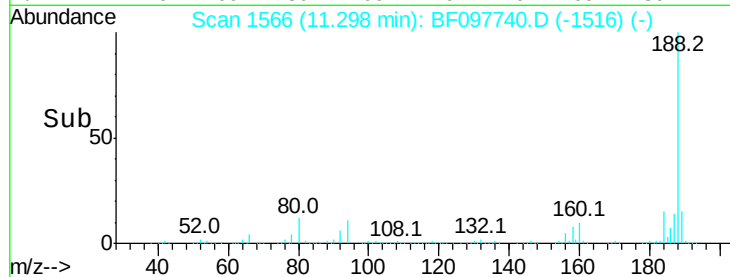
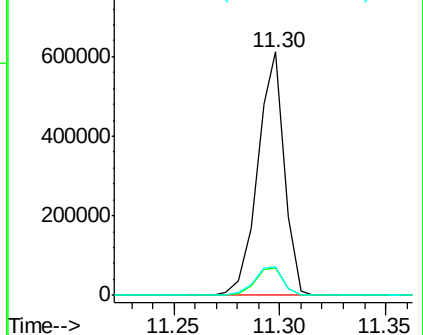
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF097740.D
Acq: 16 Aug 2017 15:50

Instrument :
BNA_F
ClientSampleId :
PB101499BL

Tot Ion:188 Resp: 536443
Ion Ratio Lower Upper
188 100
94 11.0 9.4 14.2
80 11.8 10.2 15.2

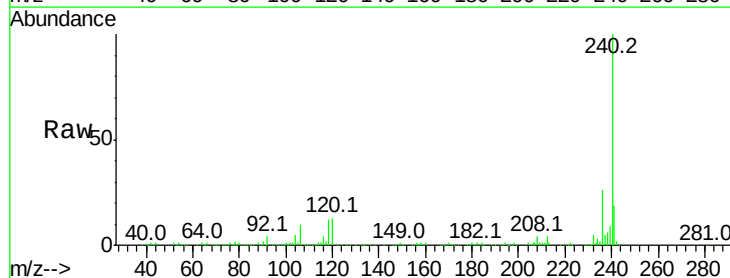


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

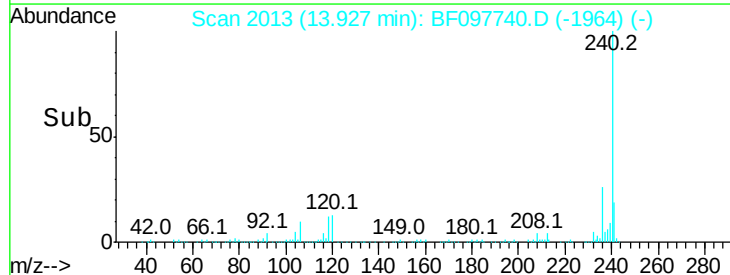
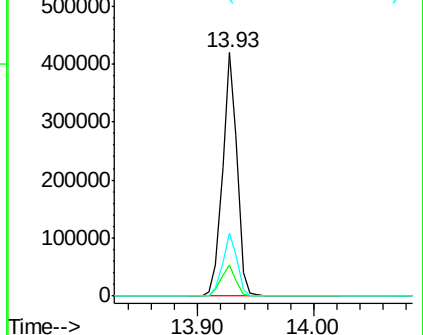


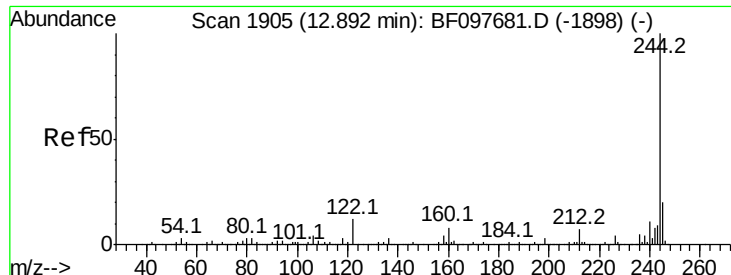
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF097740.D
Acq: 16 Aug 2017 15:50

Tgt Ion:240 Resp: 364901
Ion Ratio Lower Upper
240 100
120 13.0 5.8 8.8#
236 25.8 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: 73.662 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF097740.D

Acq: 16 Aug 2017 15:50

Instrument :

BNA_F

ClientSampleId :

PB101499BL

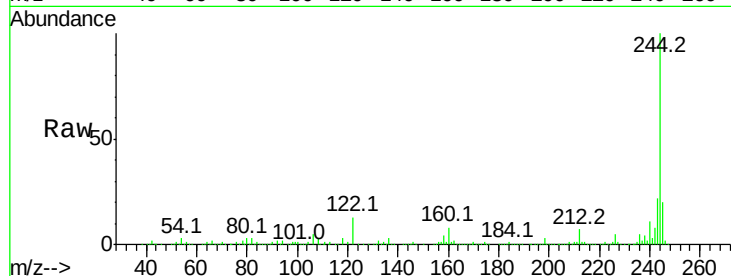
Tot Ion:244 Resp: 1288964

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

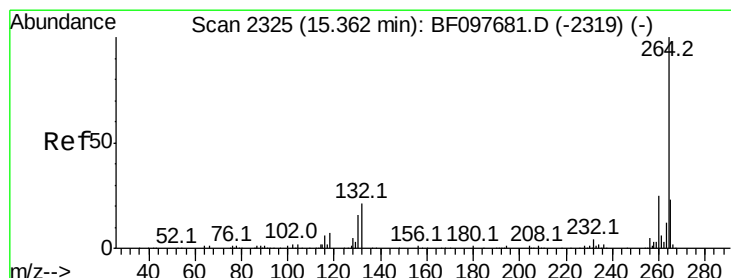
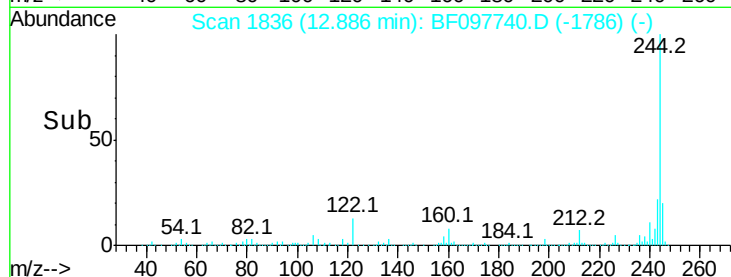
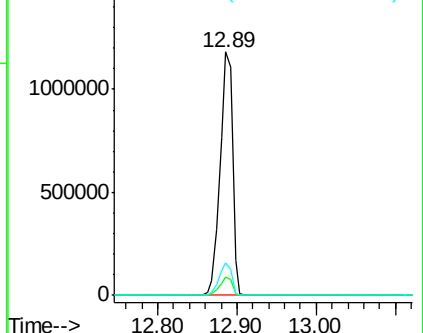
122 13.4 10.3 15.5



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: 15.36 min Scan# 2256

Delta R.T. -0.01 min

Lab File: BF097740.D

Acq: 16 Aug 2017 15:50

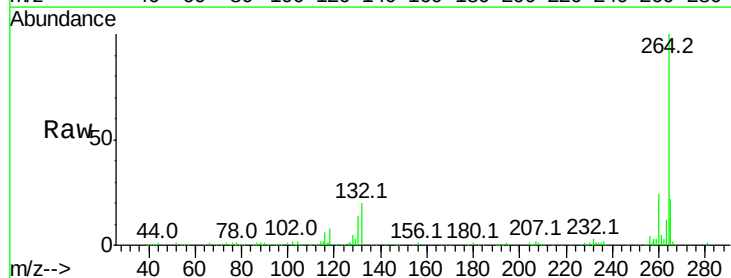
Tgt Ion:264 Resp: 246203

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

265 21.8 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

