

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
 Data File : BF097750.D
 Acq On : 16 Aug 2017 20:32
 Operator : SJ/JU
 Sample : PB101564BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101564BL

Quant Time: Aug 17 05:53:39 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	142133	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	565933	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	244221	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	395235	20.00	ng	0.00
75) Chrysene-d12	13.93	240	274264	20.00	ng	0.00
86) Perylene-d12	15.36	264	229554	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1251137	133.89	ng	0.02
7) Phenol-d6	6.42	99	1655956	130.43	ng	0.00
23) Nitrobenzene-d5	7.35	82	1015162	97.45	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	275481	130.00	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1558124	93.73	ng	0.00
78) Terphenyl-d14	12.89	244	978251	74.38	ng	0.00

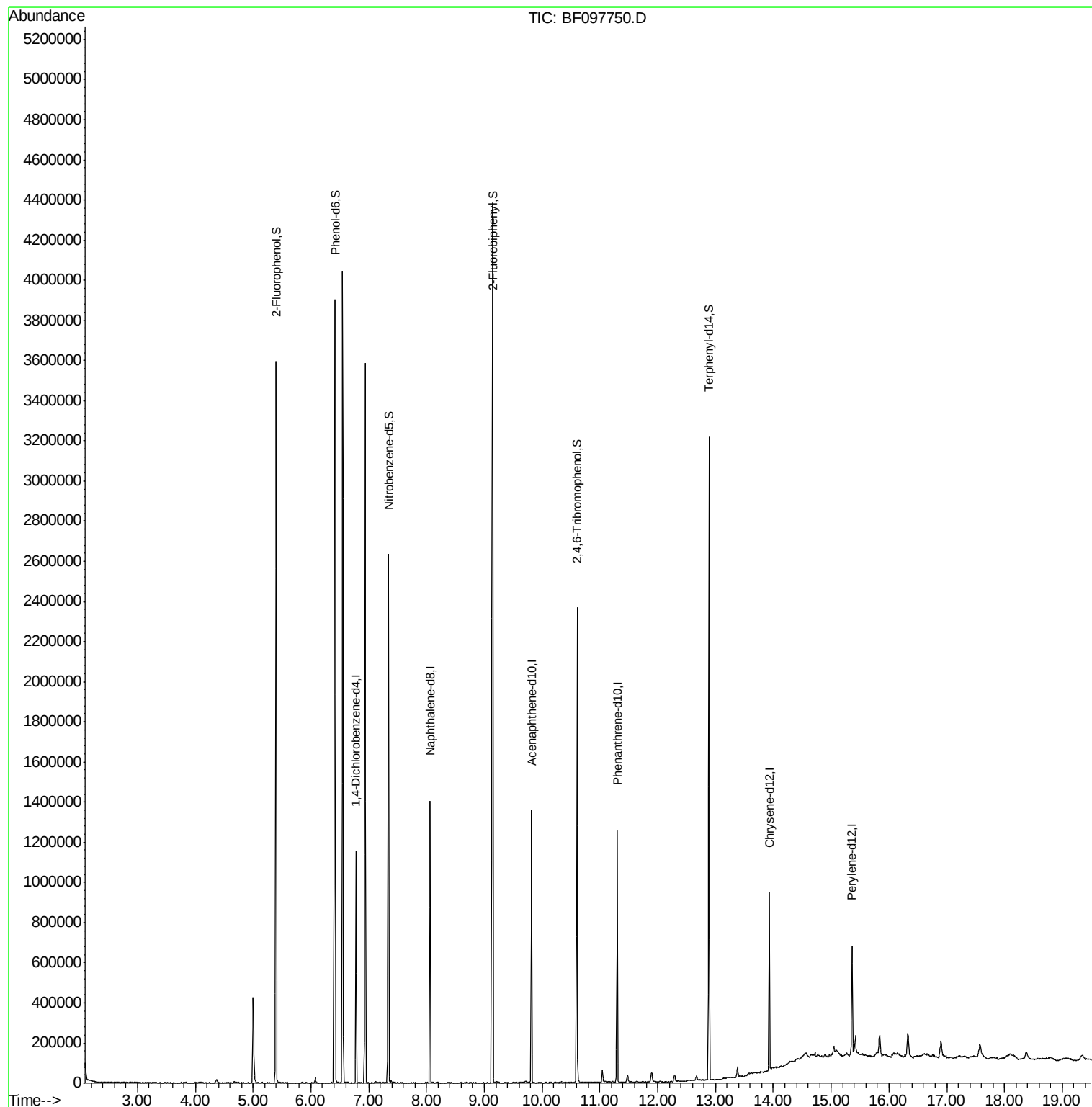
Target Compounds Qvalue

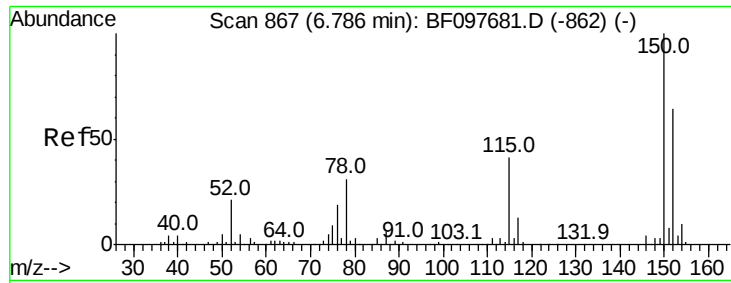
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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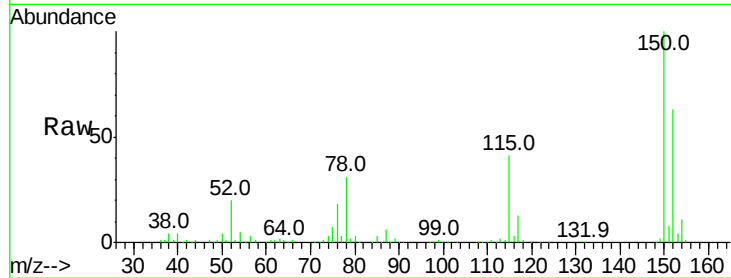


#1

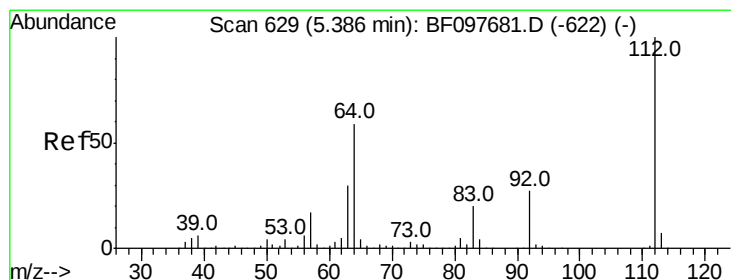
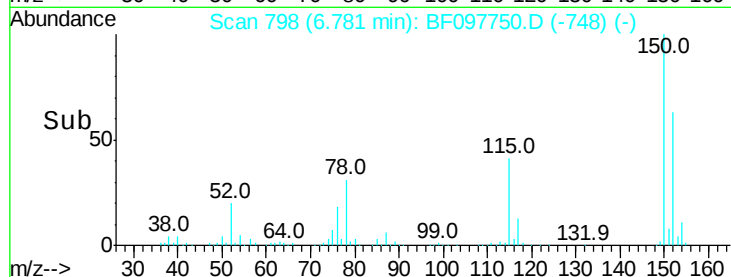
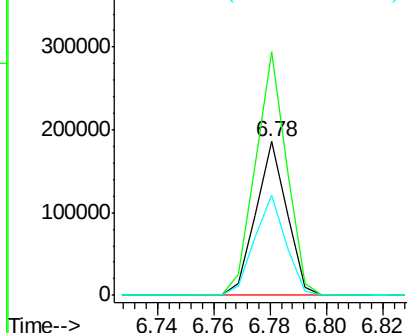
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF097750.D
Acq: 16 Aug 2017 20:32

Instrument :
BNA_F
ClientSampleId :
PB101564BL

Tot Ion:152 Resp: 142133
Ion Ratio Lower Upper
152 100
150 158.4 126.2 189.2
115 65.0 52.2 78.2



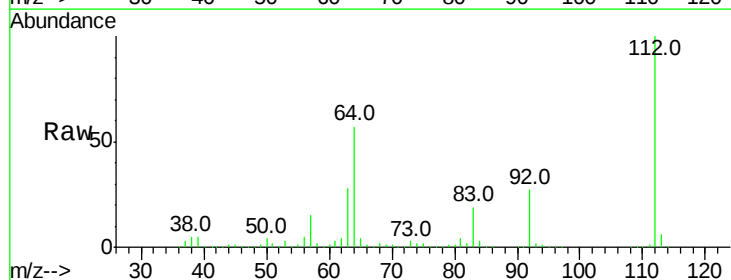
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



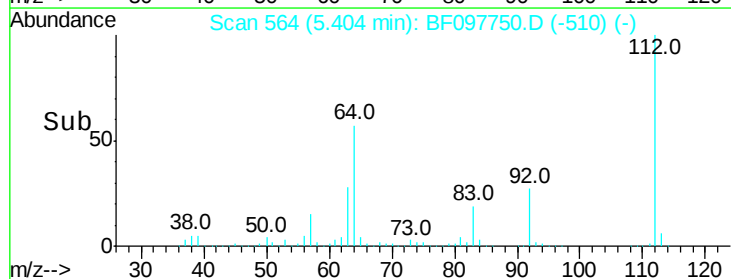
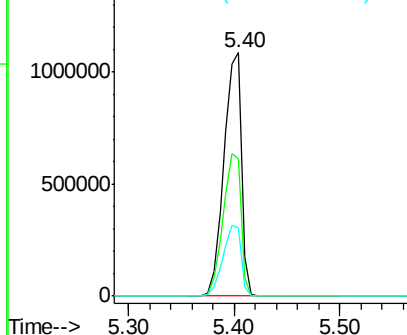
#5

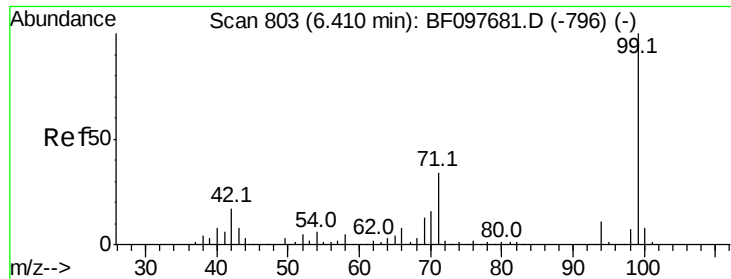
2-Fluorophenol
Concen: 133.894 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.02 min
Lab File: BF097750.D
Acq: 16 Aug 2017 20:32

Tgt Ion:112 Resp: 1251137
Ion Ratio Lower Upper
112 100
64 56.7 46.0 69.0
63 28.3 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: 130.430 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF097750.D

Acq: 16 Aug 2017 20:32

Instrument :

BNA_F

ClientSampleId :

PB101564BL

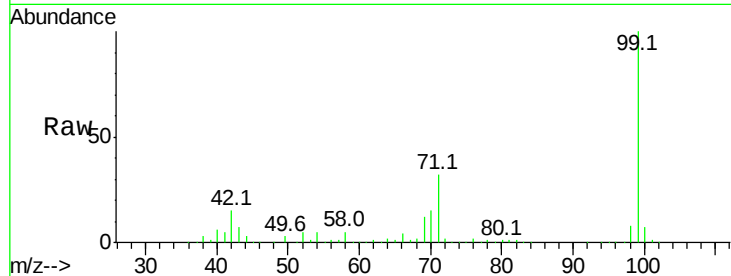
Tot Ion: 99 Resp: 1655956

Ion Ratio Lower Upper

99 100

42 14.7 13.5 20.3

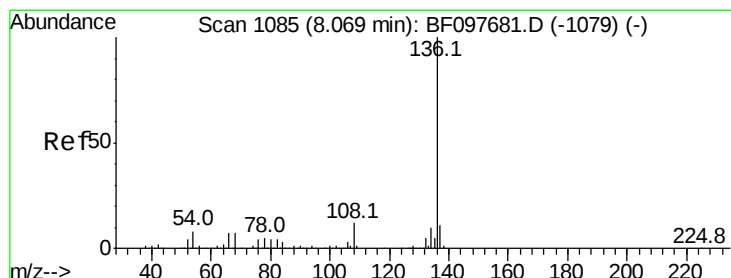
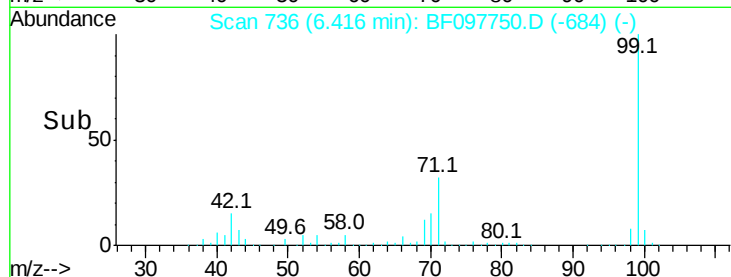
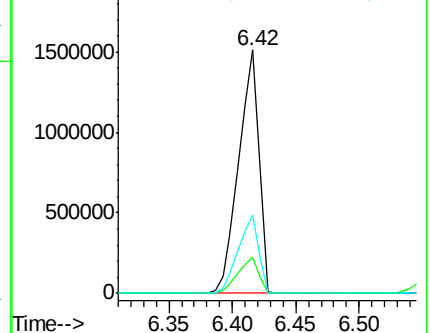
71 32.1 24.5 36.7



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# 1016

Delta R.T. -0.01 min

Lab File: BF097750.D

Acq: 16 Aug 2017 20:32

Tgt Ion:136 Resp: 565933

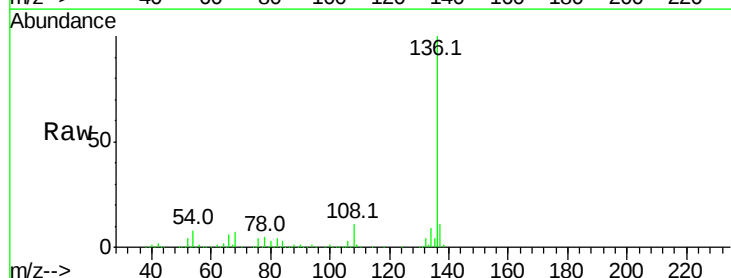
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.9 4.9 7.3#

68 7.3 4.1 6.1#

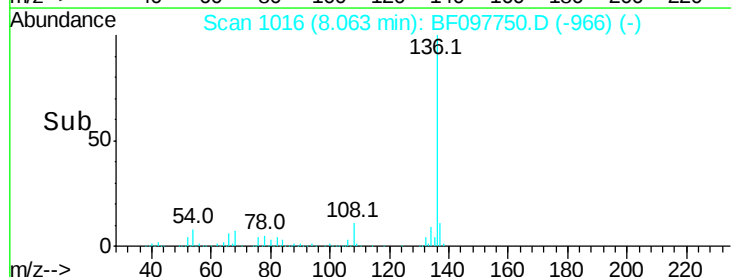
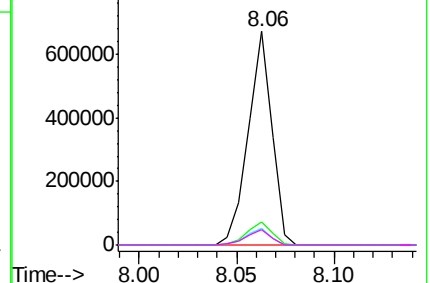


Abundance Ion 136.00 (135.70 to 136.70): E

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

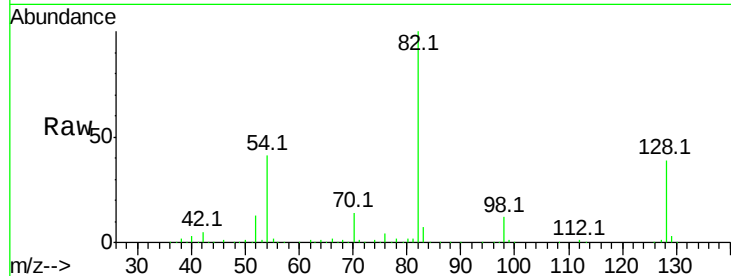




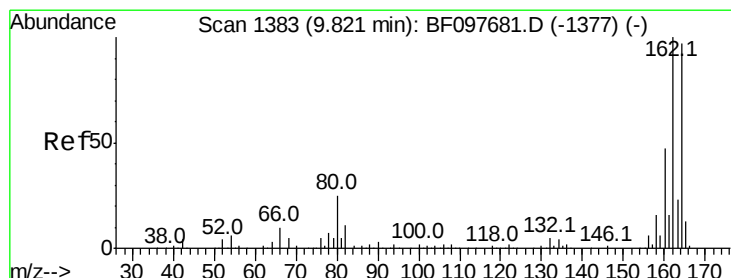
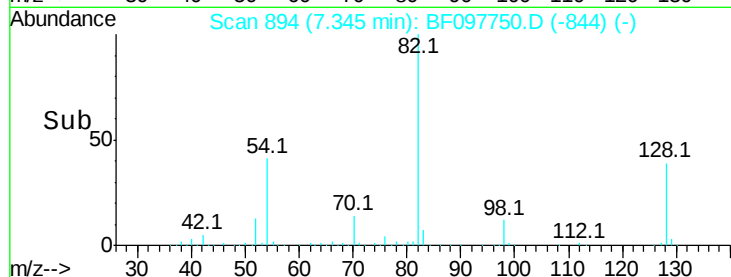
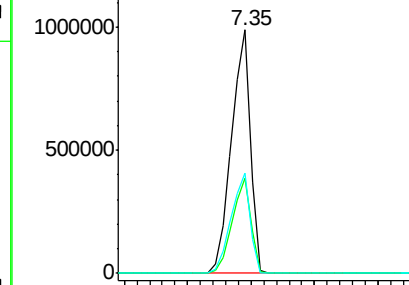
#23
 Nitrobenzene-d5
 Concen: 97.447 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF097750.D
 Acq: 16 Aug 2017 20:32

Instrument :
 BNA_F
 ClientSampleId :
 PB101564BL

Tot Ion: 82 Resp: 1015162
 Ion Ratio Lower Upper
 82 100
 128 39.0 34.0 51.0
 54 40.9 42.2 63.2#

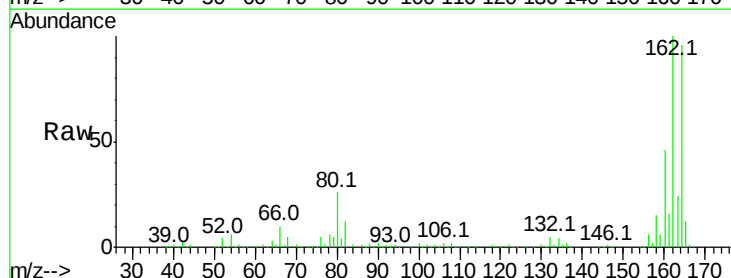


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

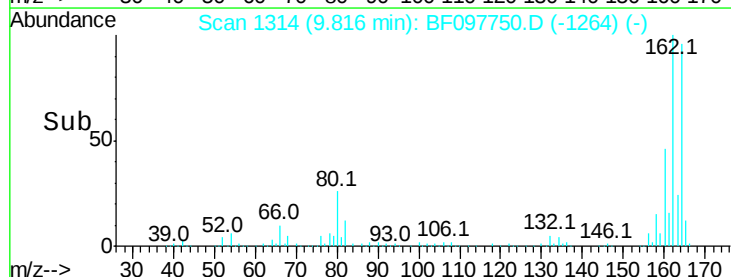
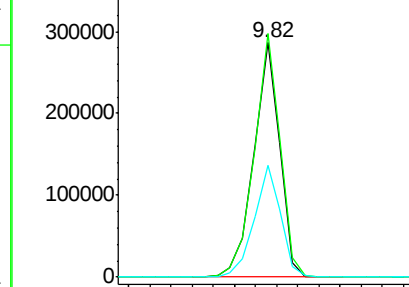


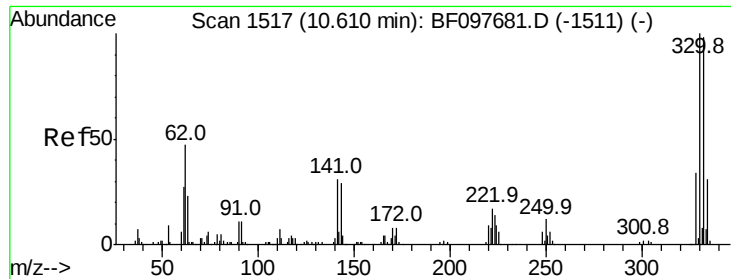
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF097750.D
 Acq: 16 Aug 2017 20:32

Tgt Ion:164 Resp: 244221
 Ion Ratio Lower Upper
 164 100
 162 104.0 82.6 123.8
 160 47.5 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

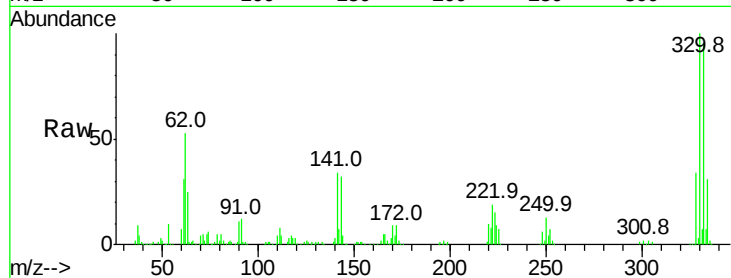




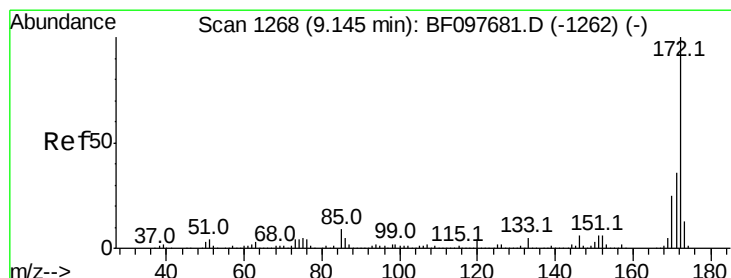
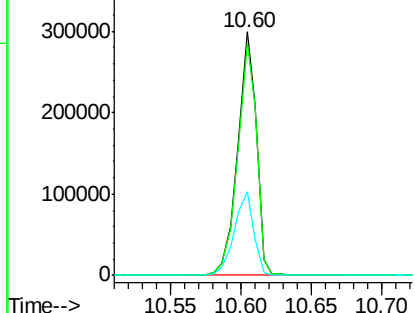
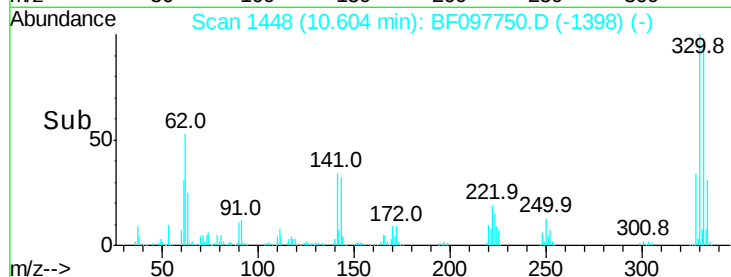
#41
 2,4,6-Tribromophenol
 Concen: 130.004 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF097750.D
 Acq: 16 Aug 2017 20:32

Instrument :
 BNA_F
 ClientSampleId :
 PB101564BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	115.0
141	35.7	31.4	47.2

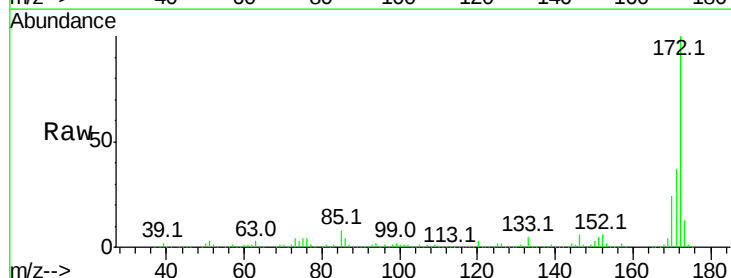


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

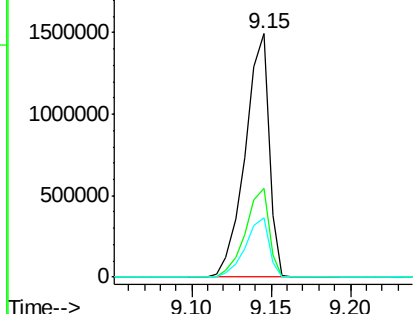
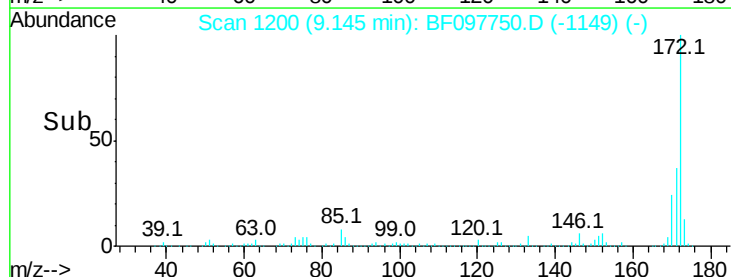


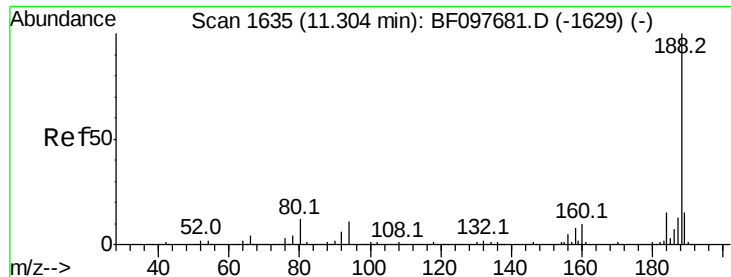
#44
 2-Fluorobiphenyl
 Concen: 93.735 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF097750.D
 Acq: 16 Aug 2017 20:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.4	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

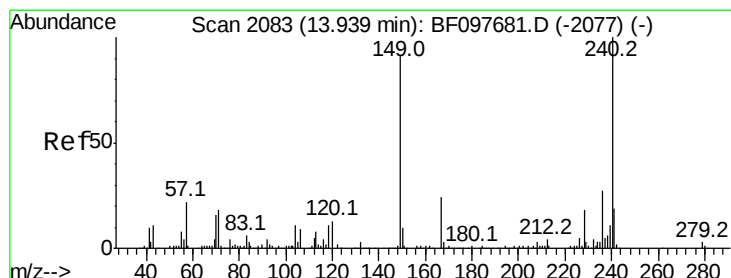
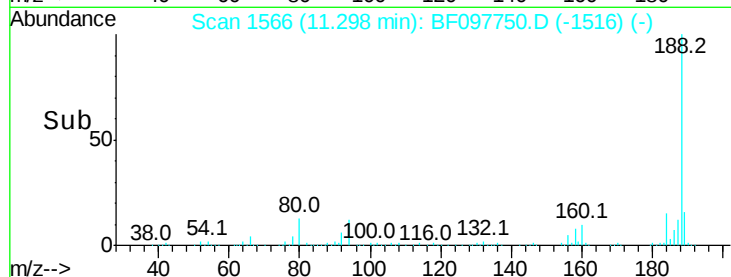
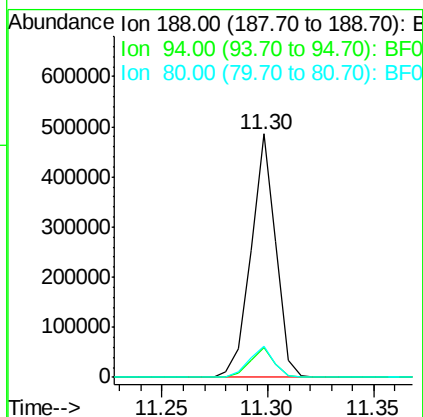
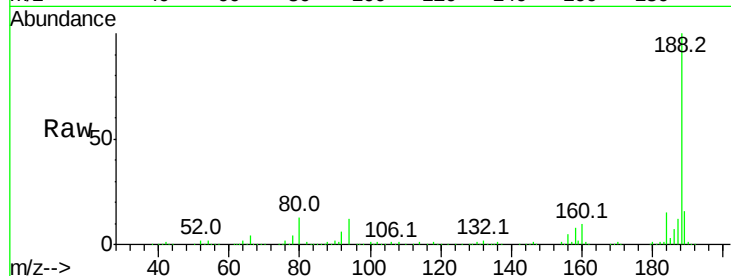




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF097750.D
Acq: 16 Aug 2017 20:32

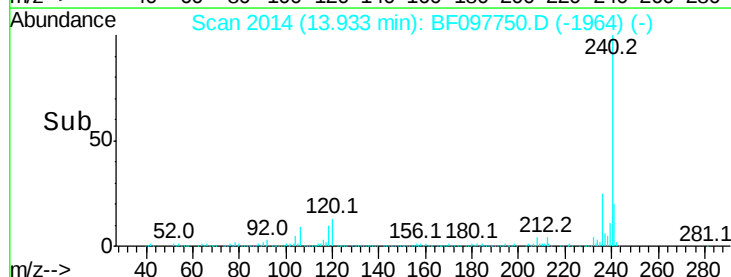
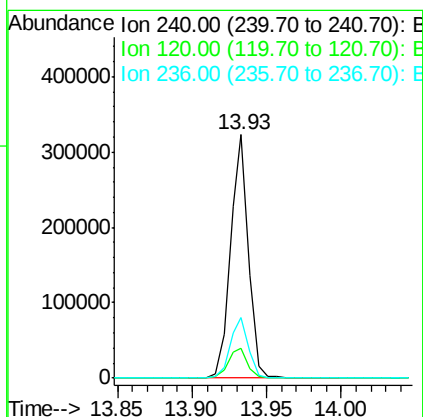
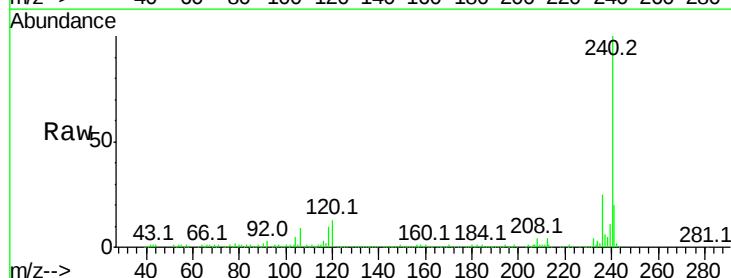
Instrument :
BNA_F
ClientSampleId :
PB101564BL

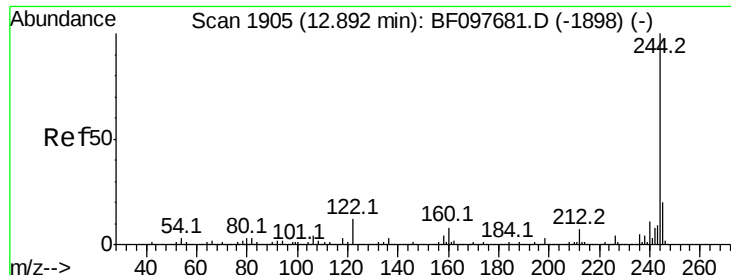
Tot Ion	Ratio	Lower	Upper
188	100		
94	12.0	9.4	14.2
80	12.9	10.2	15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF097750.D
Acq: 16 Aug 2017 20:32

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.5	5.8	8.8#
236	24.9	20.5	30.7





#78

Terphenyl-d14

Concen: 74.380 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BF097750.D

Acq: 16 Aug 2017 20:32

Instrument :

BNA_F

ClientSampleId :

PB101564BL

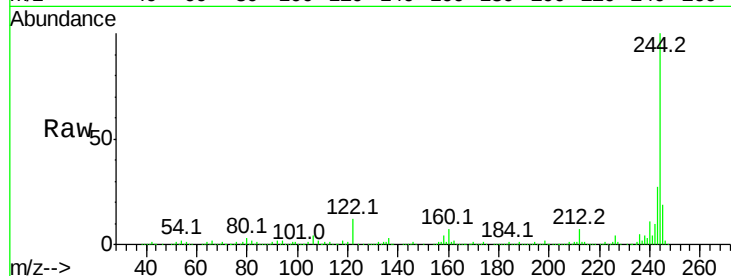
Tot Ion:244 Resp: 978251

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

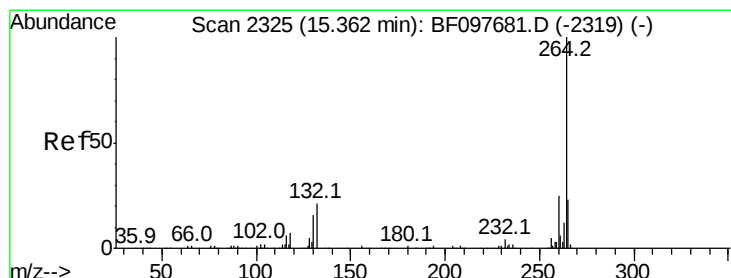
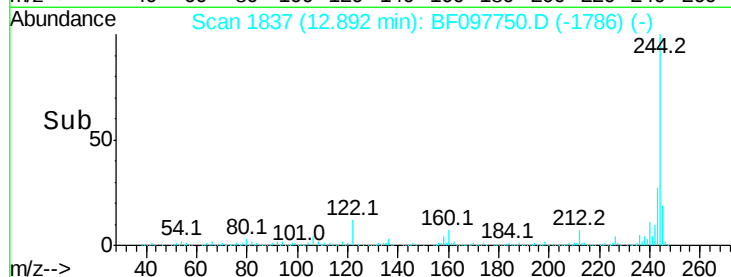
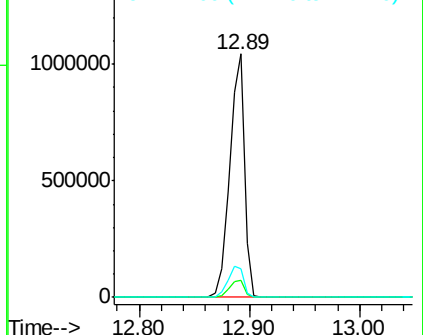
122 11.9 10.3 15.5



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: 15.36 min Scan# 2257

Delta R.T. 0.00 min

Lab File: BF097750.D

Acq: 16 Aug 2017 20:32

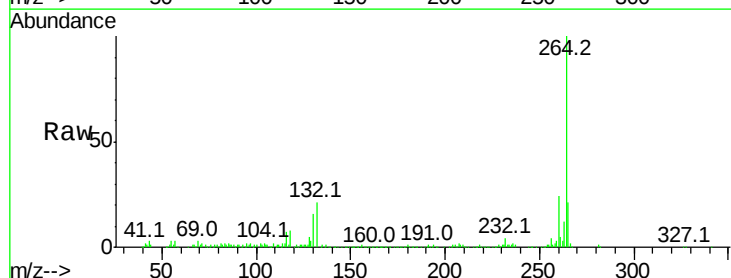
Tgt Ion:264 Resp: 229554

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

265 21.2 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

