

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
 Data File : BF098074.D
 Acq On : 28 Aug 2017 19:00
 Operator : SJ/JU
 Sample : PB101862TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101862TB

Quant Time: Aug 29 08:45:35 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	112944	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	447429	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	198856	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	384988	20.00	ng	0.00
75) Chrysene-d12	13.89	240	352222	20.00	ng	0.00
86) Perylene-d12	15.32	264	297302	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	900039	121.21	ng	0.00
7) Phenol-d6	6.38	99	1190982	118.05	ng	0.00
23) Nitrobenzene-d5	7.30	82	739299	89.76	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	220207	127.63	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1093991	80.83	ng	0.00
78) Terphenyl-d14	12.84	244	1006764	59.61	ng	0.00

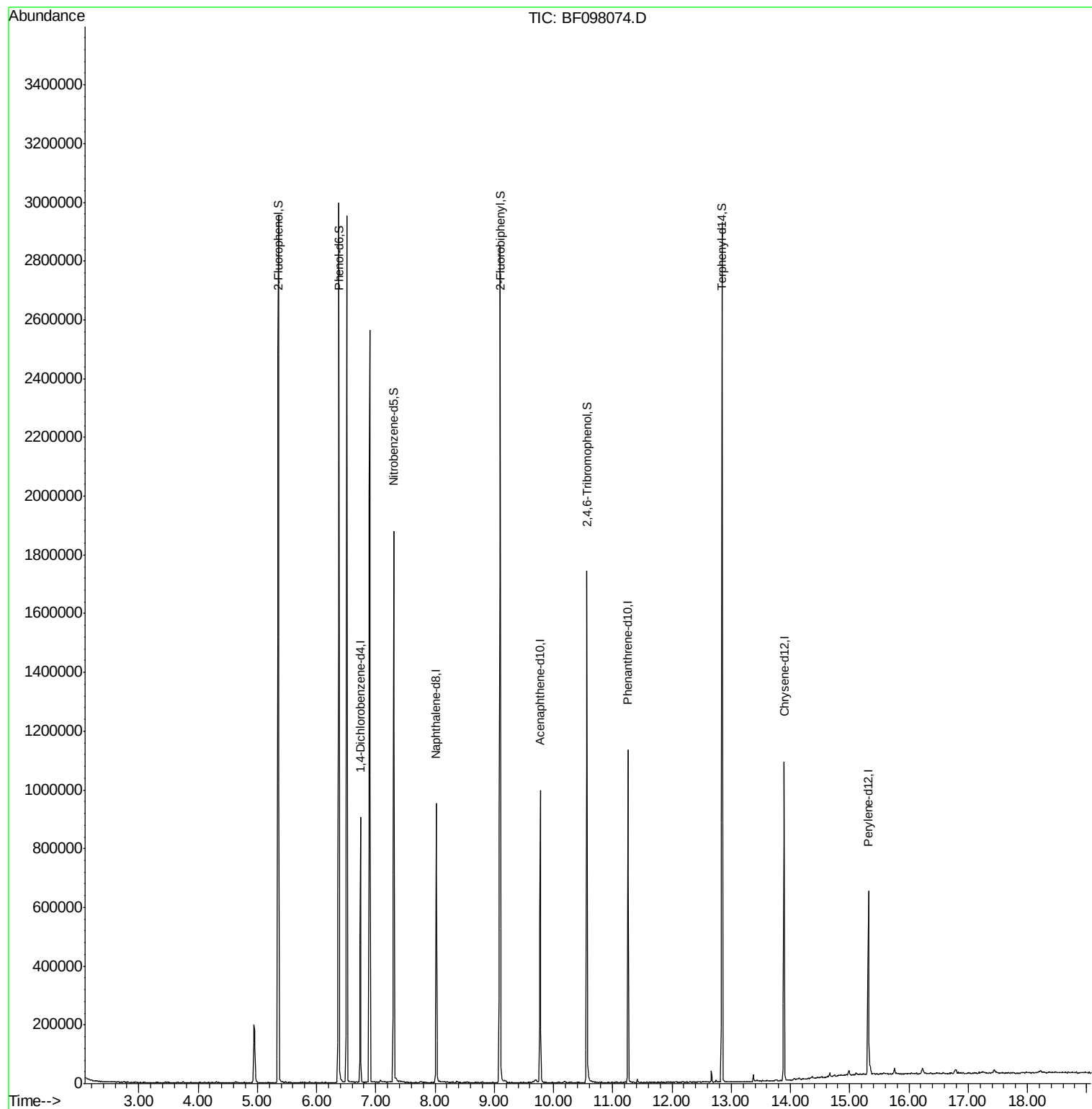
Target Compounds Qvalue

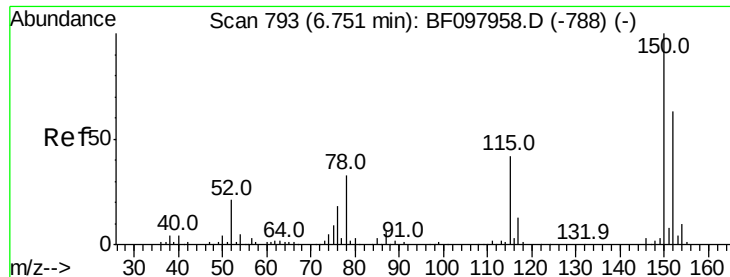
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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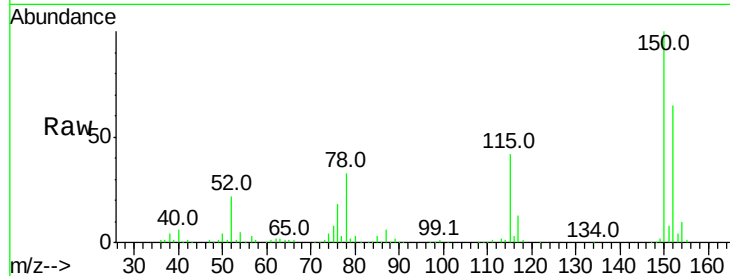


#1

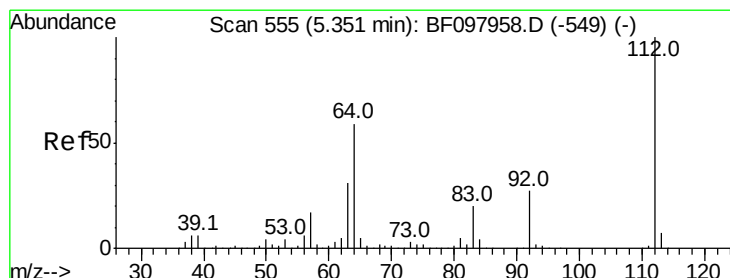
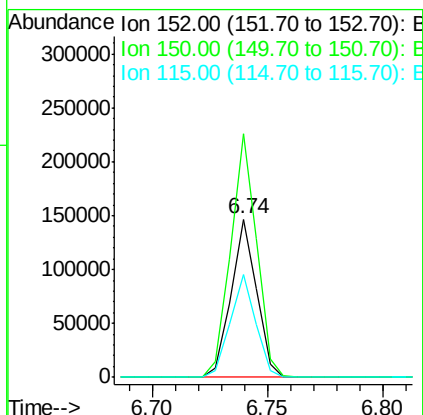
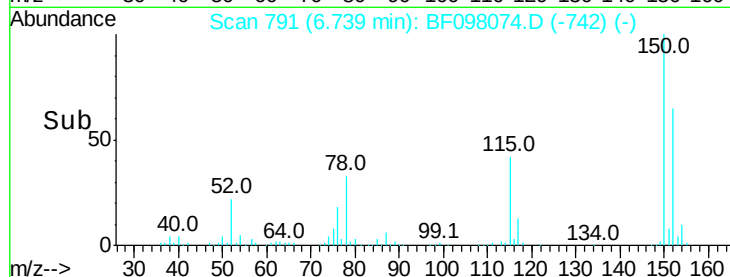
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF098074.D
Acq: 28 Aug 2017 19:00

Instrument :
BNA_F
ClientSampleId :
PB101862TB

Tot Ion:152 Resp: 112944
Ion Ratio Lower Upper
152 100
150 154.0 126.2 189.2
115 65.0 52.2 78.2



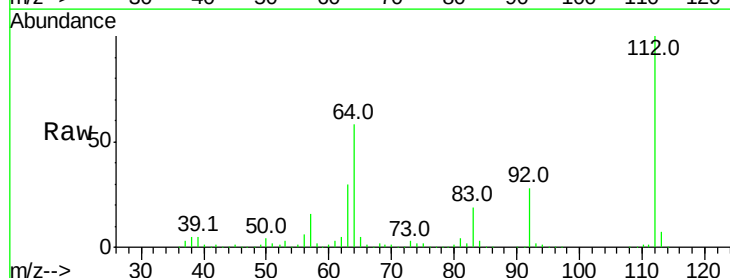
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



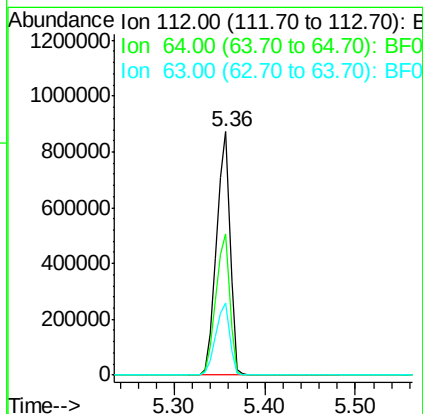
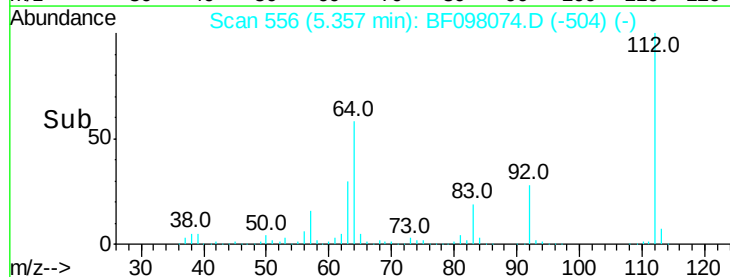
#5

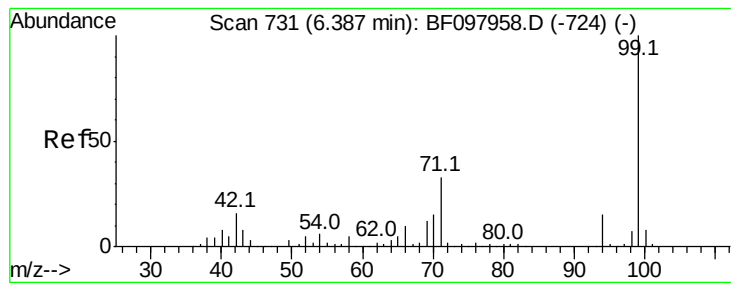
2-Fluorophenol
Concen: 121.213 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF098074.D
Acq: 28 Aug 2017 19:00

Tgt Ion:112 Resp: 900039
Ion Ratio Lower Upper
112 100
64 57.9 46.0 69.0
63 29.5 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: 118.050 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF098074.D

Acq: 28 Aug 2017 19:00

Instrument :

BNA_F

ClientSampleId :

PB101862TB

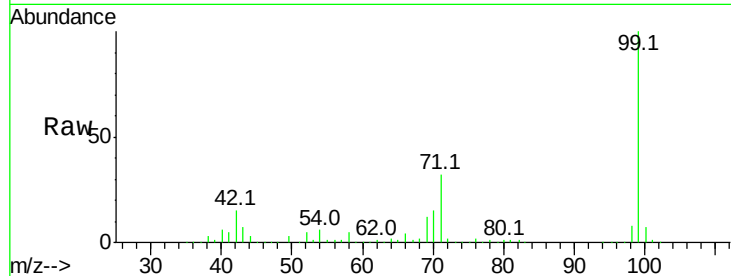
Tot Ion: 99 Resp: 1190982

Ion Ratio Lower Upper

99 100

42 15.0 13.5 20.3

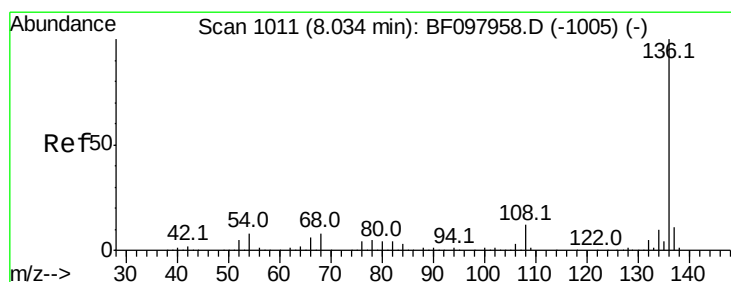
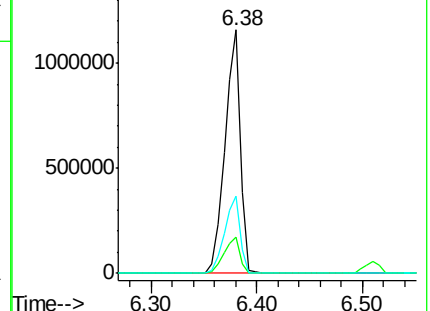
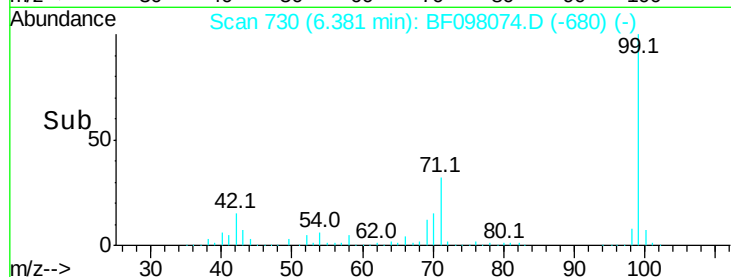
71 31.9 24.5 36.7



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: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF098074.D

Acq: 28 Aug 2017 19:00

Tgt Ion: 136 Resp: 447429

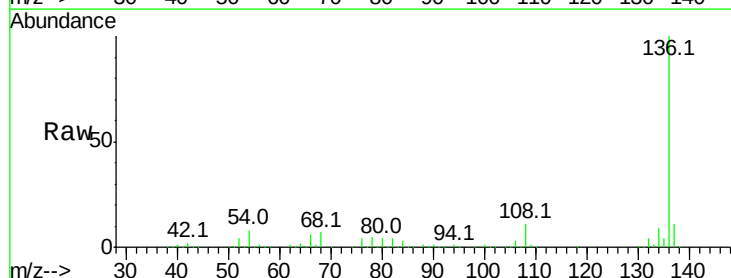
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.7 4.9 7.3#

68 7.2 4.1 6.1#

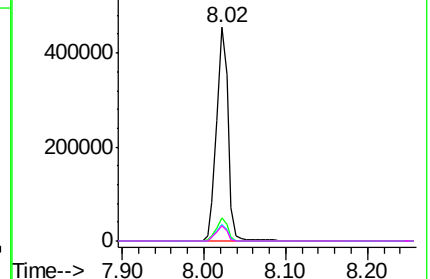
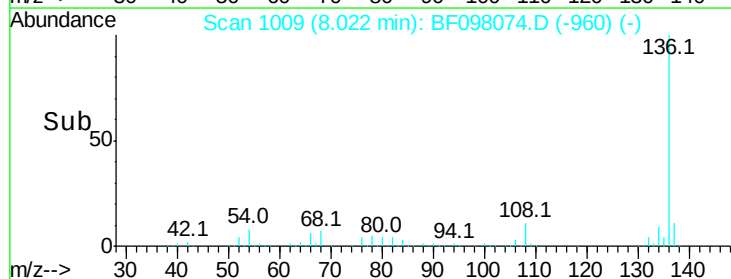


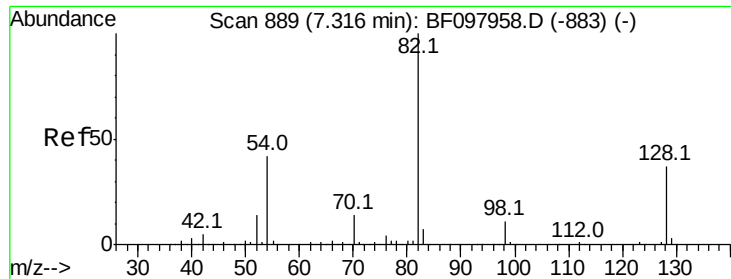
Abundance Ion 136.00 (135.70 to 136.70): E

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

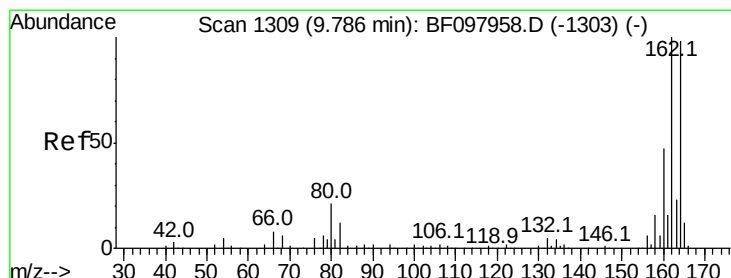
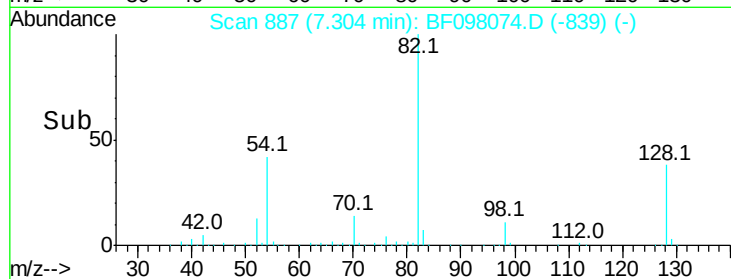
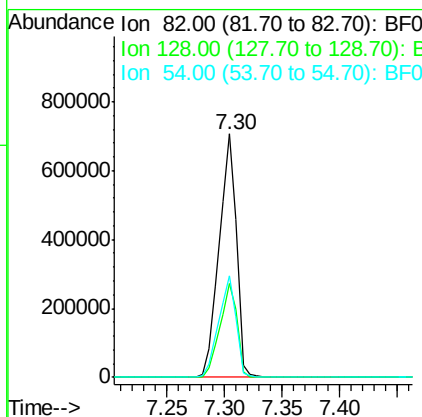
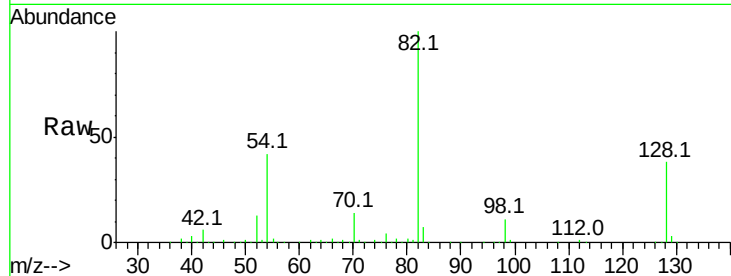




#23
 Nitrobenzene-d5
 Concen: 89.762 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF098074.D
 Acq: 28 Aug 2017 19:00

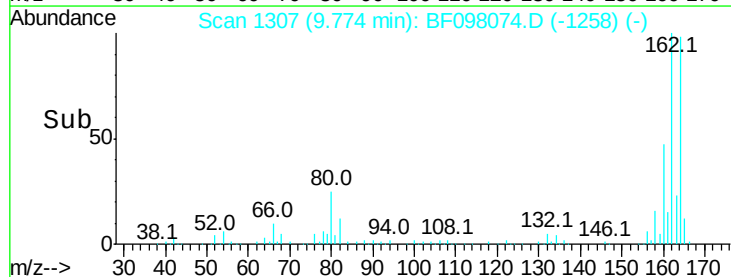
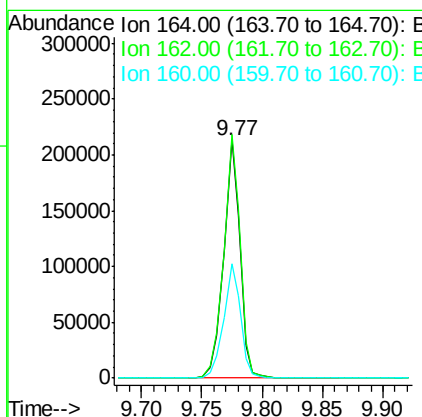
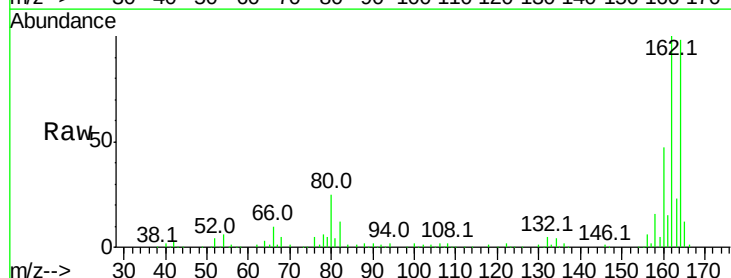
Instrument :
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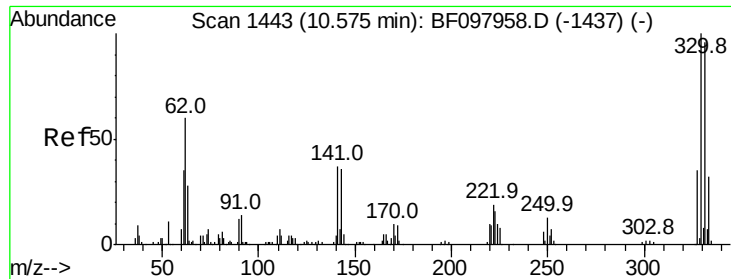
Tot Ion	82	Resp	739299
Ion Ratio	Lower	Upper	
82	100		
128	38.4	34.0	51.0
54	41.8	42.2	63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF098074.D
 Acq: 28 Aug 2017 19:00

Tgt Ion	164	Resp	198856
Ion Ratio	Lower	Upper	
164	100		
162	102.3	82.6	123.8
160	47.9	36.2	54.2

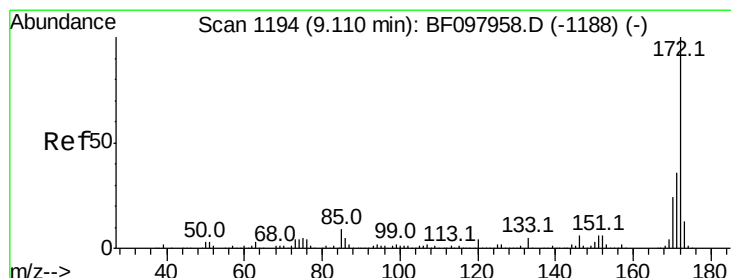
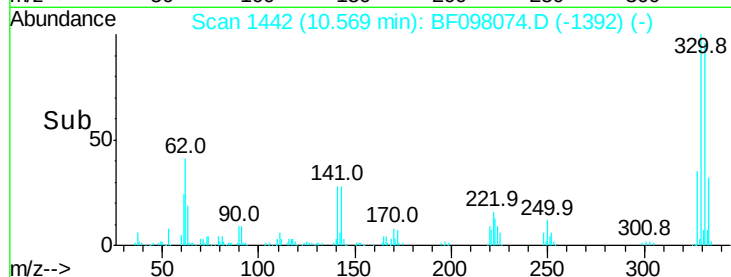
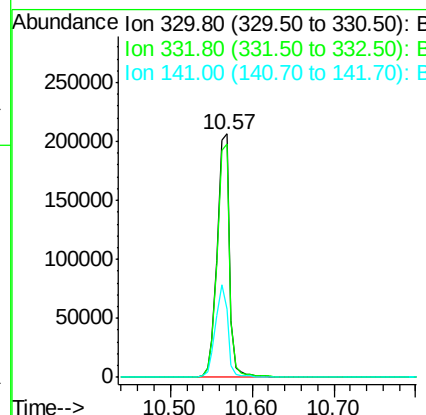
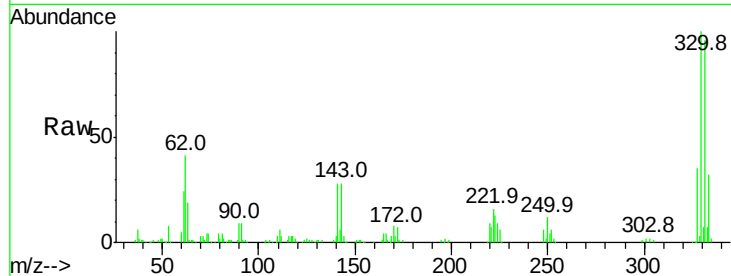




#41
 2,4,6-Tribromophenol
 Concen: 127.627 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF098074.D
 Acq: 28 Aug 2017 19:00

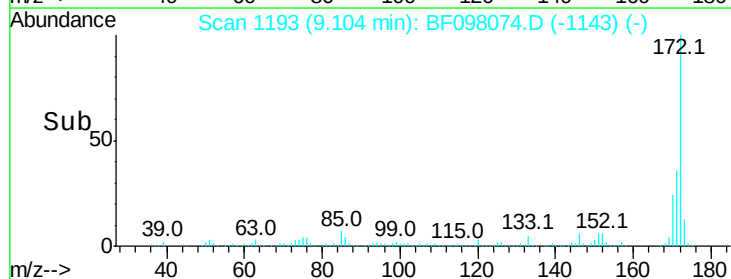
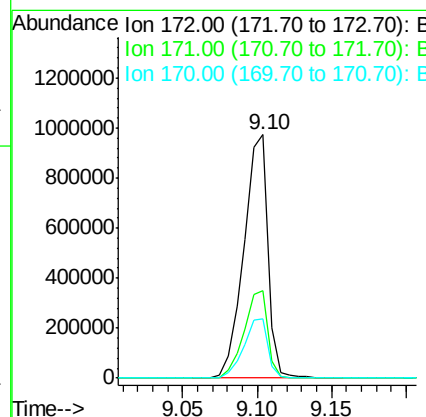
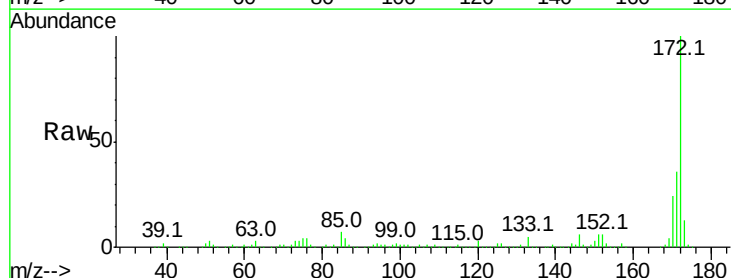
Instrument :
 BNA_F
 ClientSampleId :
 PB101862TB

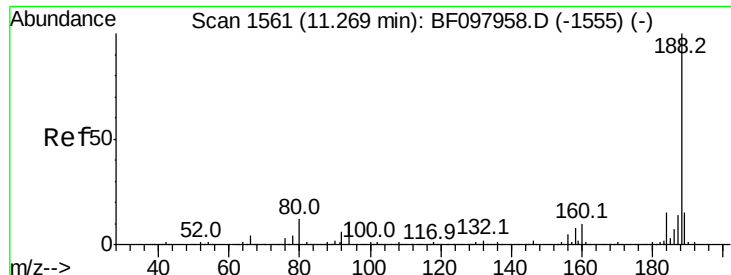
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	115.0
141	37.5	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 80.827 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF098074.D
 Acq: 28 Aug 2017 19:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.4	19.8	29.8





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF098074.D

Acq: 28 Aug 2017 19:00

Instrument :

BNA_F

ClientSampleId :

PB101862TB

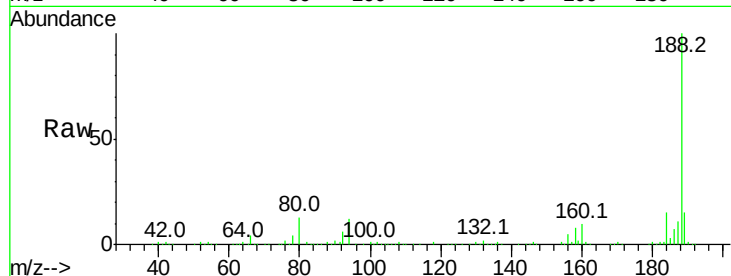
Tot Ion:188 Resp: 384988

Ion Ratio Lower Upper

188 100

94 11.6 9.4 14.2

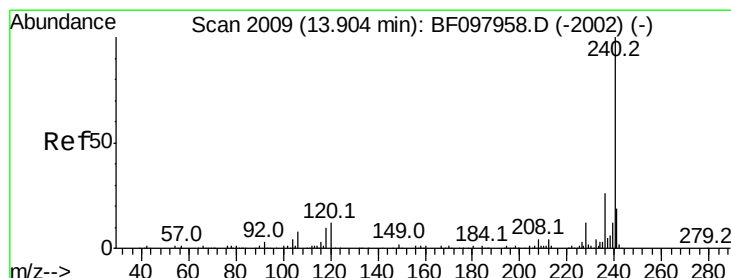
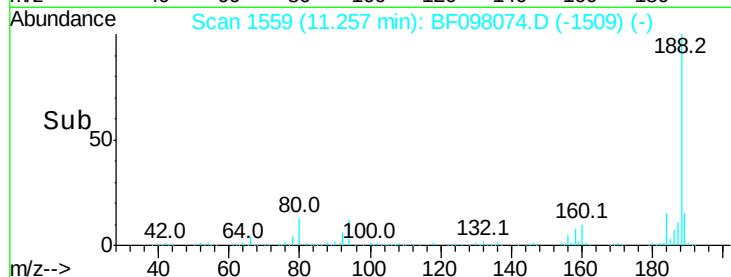
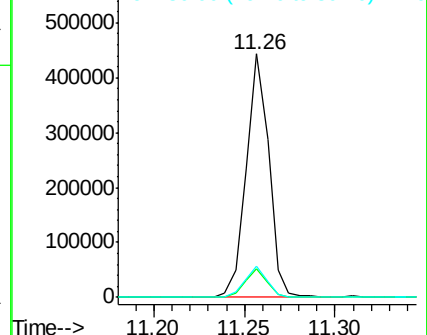
80 12.6 10.2 15.2



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: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF098074.D

Acq: 28 Aug 2017 19:00

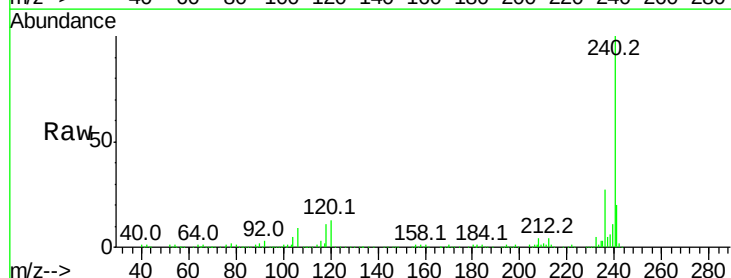
Tgt Ion:240 Resp: 352222

Ion Ratio Lower Upper

240 100

120 12.8 5.8 8.8#

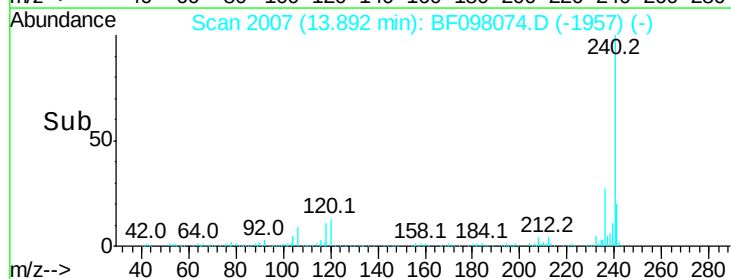
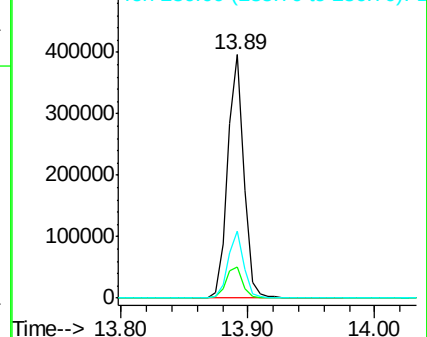
236 27.3 20.5 30.7

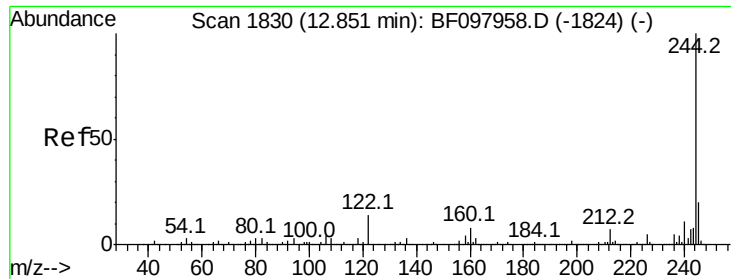


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

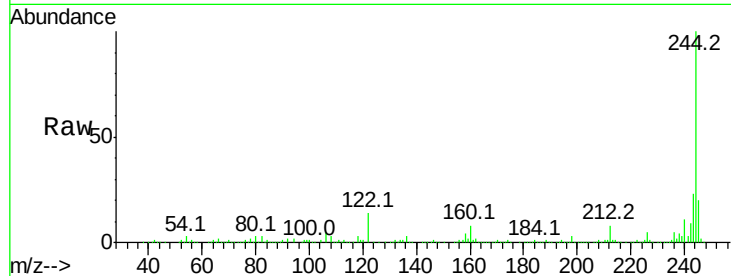




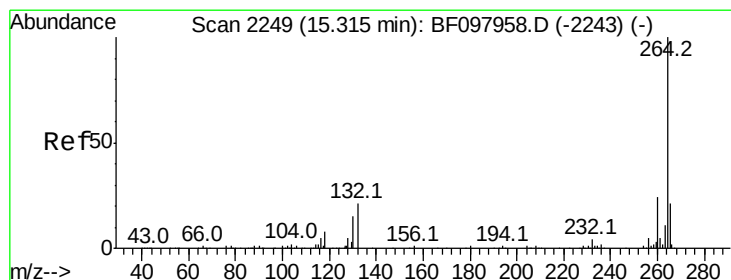
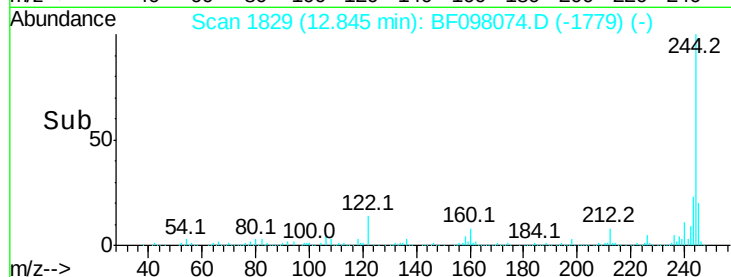
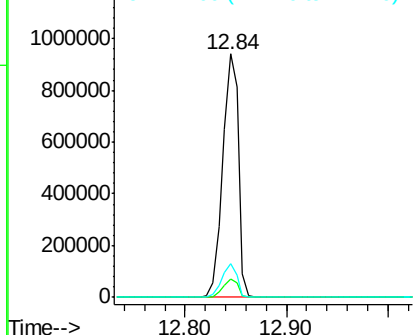
#78
 Terphenyl-d14
 Concen: 59.606 ng
 RT: 12.84 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF098074.D
 Acq: 28 Aug 2017 19:00

Instrument :
 BNA_F
 ClientSampleId :
 PB101862TB

Tot Ion:244 Resp: 1006764
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 13.7 10.3 15.5

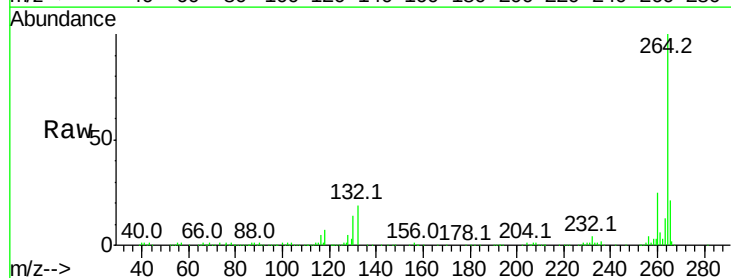


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2249
 Delta R.T. 0.01 min
 Lab File: BF098074.D
 Acq: 28 Aug 2017 19:00

Tgt Ion:264 Resp: 297302
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.5 29.3
 265 21.3 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

