

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083017\
 Data File : BF098161.D
 Acq On : 30 Aug 2017 17:43
 Operator : SJ/JU
 Sample : PB101874BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101874BL

Quant Time: Aug 31 07:16:36 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	6.72	152	91554	20.00	ng	-0.03
21) Naphthalene-d8	8.00	136	380138	20.00	ng	-0.03
38) Acenaphthene-d10	9.76	164	176580	20.00	ng	-0.03
63) Phenanthrene-d10	11.23	188	358161	20.00	ng	-0.03
75) Chrysene-d12	13.87	240	318556	20.00	ng	-0.03
86) Perylene-d12	15.28	264	226375	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	888995	147.70	ng	-0.01
7) Phenol-d6	6.36	99	1181108	144.42	ng	-0.02
23) Nitrobenzene-d5	7.29	82	741878	106.02	ng	-0.04
41) 2,4,6-Tribromophenol	10.55	330	243546	158.96	ng	-0.03
44) 2-Fluorobiphenyl	9.08	172	1159479	96.47	ng	-0.03
78) Terphenyl-d14	12.83	244	1098624	71.92	ng	-0.02

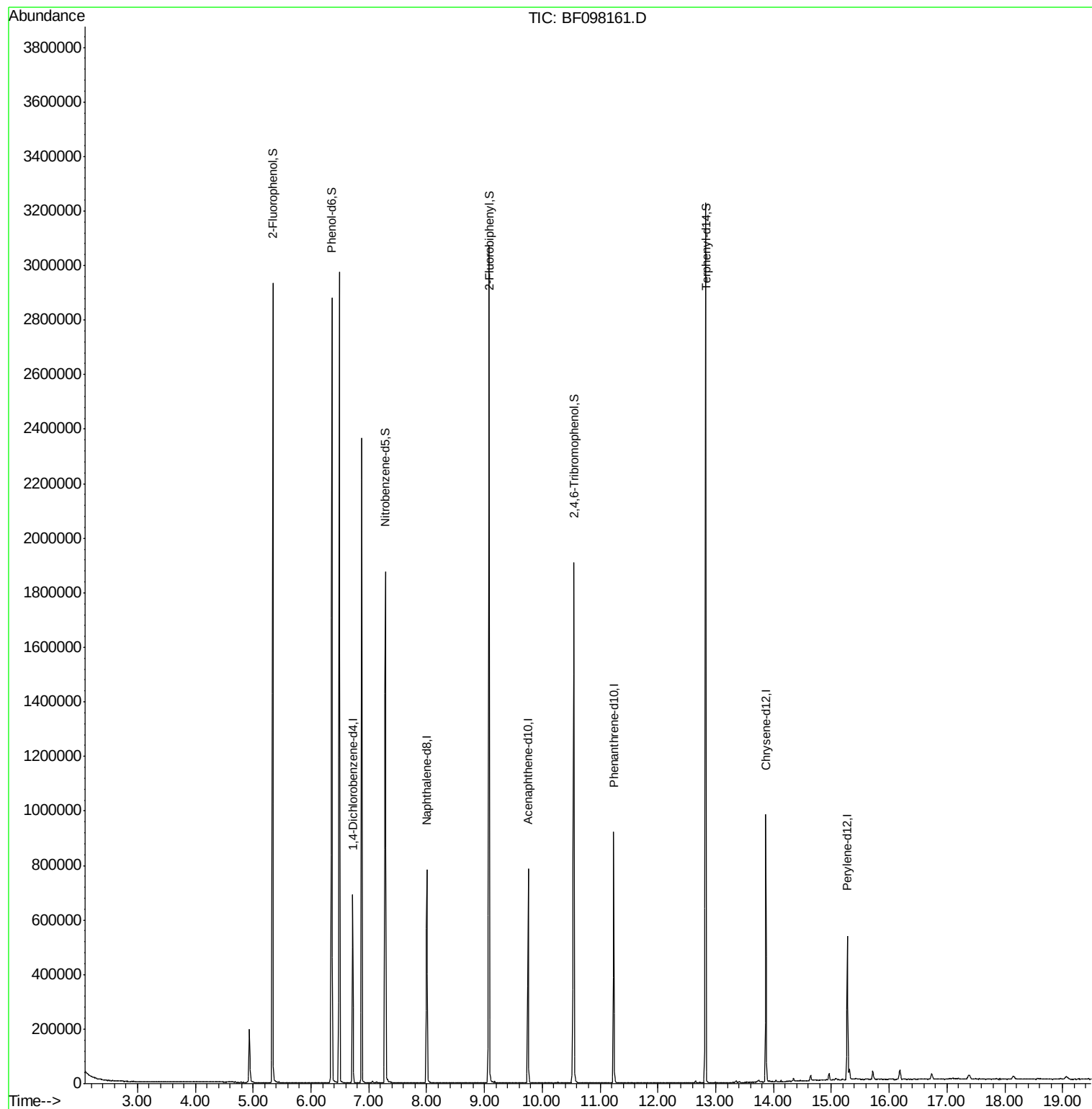
Target Compounds Qvalue

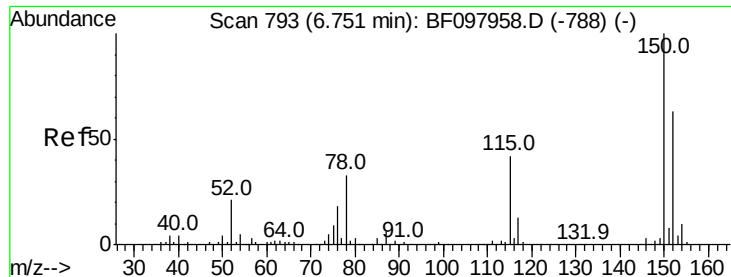
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083017\
Data File : BF098161.D
Acq On : 30 Aug 2017 17:43
Operator : SJ/JU
Sample : PB101874BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB101874BL

Quant Time: Aug 31 07:16:36 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



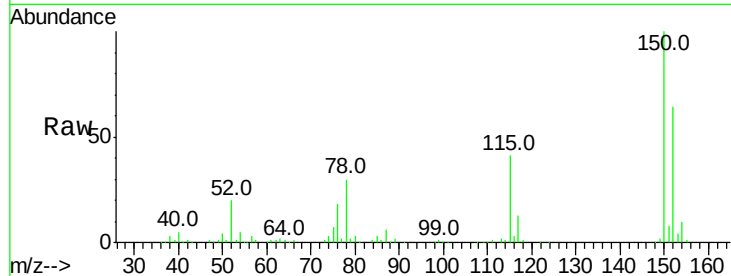


#1

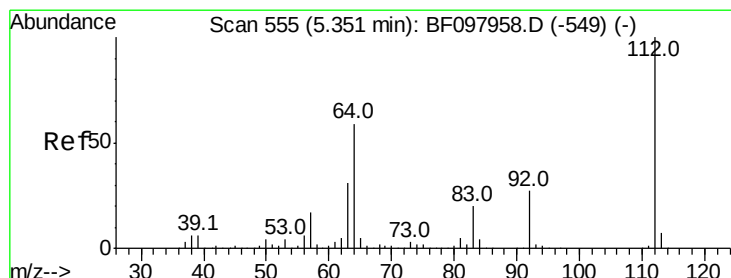
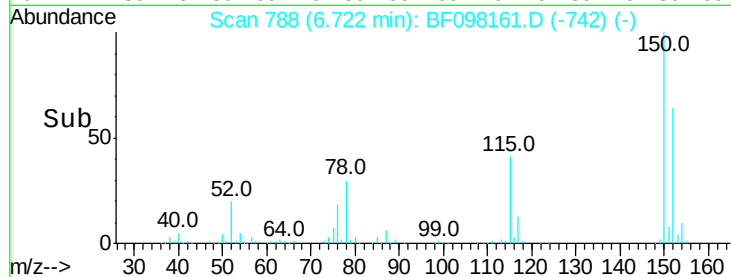
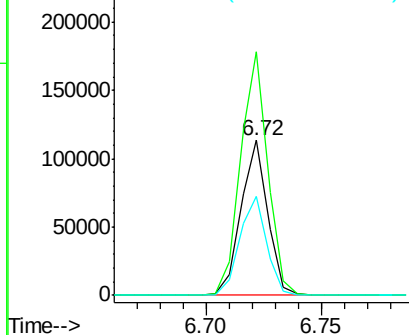
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.03 min
Lab File: BF098161.D
Acq: 30 Aug 2017 17:43

Instrument :
BNA_F
ClientSampleId :
PB101874BL

Tot Ion:152 Resp: 91554
Ion Ratio Lower Upper
152 100
150 156.8 126.2 189.2
115 64.1 52.2 78.2



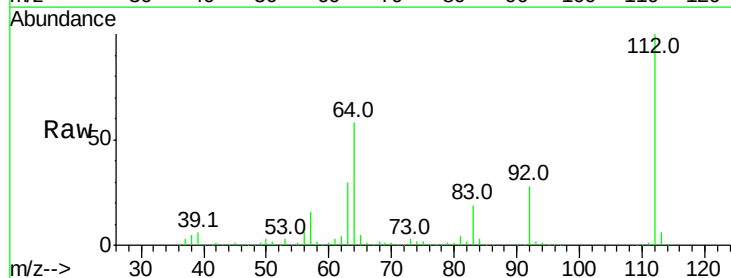
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



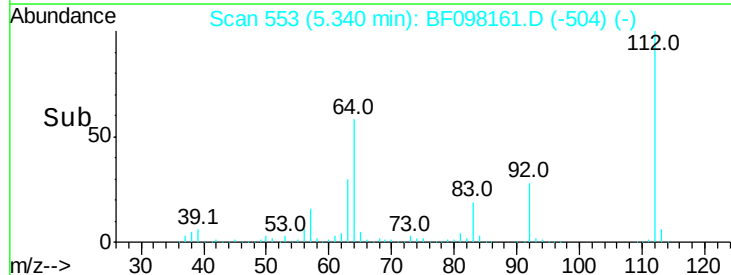
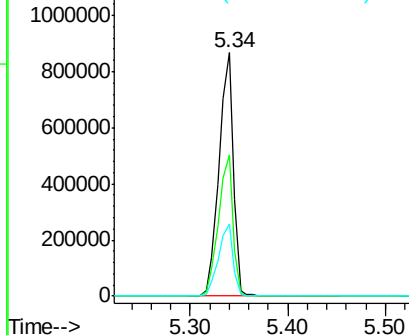
#5

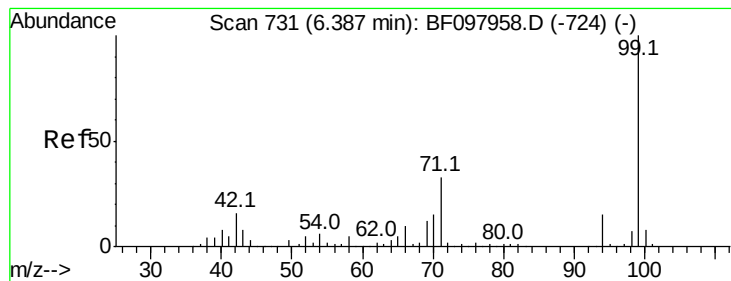
2-Fluorophenol
Concen: 147.697 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF098161.D
Acq: 30 Aug 2017 17:43

Tgt Ion:112 Resp: 888995
Ion Ratio Lower Upper
112 100
64 58.2 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: 144.422 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF098161.D

Acq: 30 Aug 2017 17:43

Instrument :

BNA_F

ClientSampleId :

PB101874BL

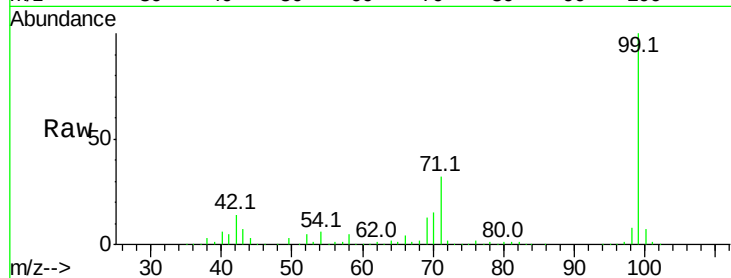
Tot Ion: 99 Resp: 1181108

Ion	Ratio	Lower	Upper
99	100		
42	14.5	13.5	20.3
71	31.5	24.5	36.7

99 100

42 14.5 13.5 20.3

71 31.5 24.5 36.7

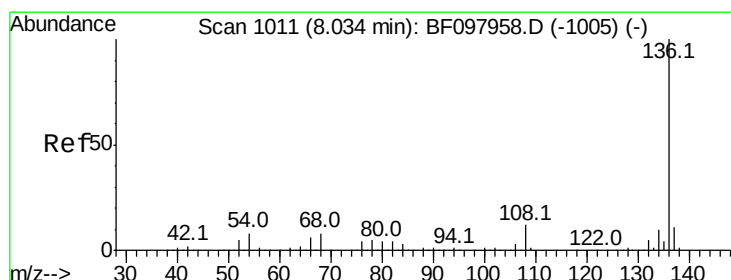
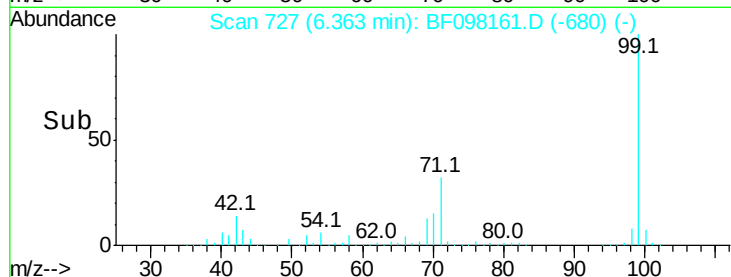
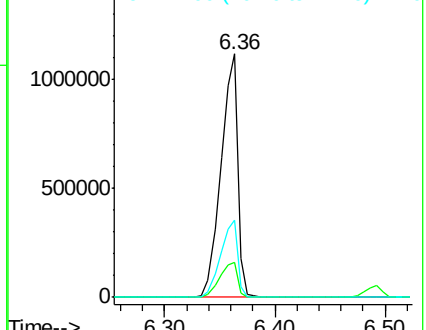


Abundance

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: 8.00 min Scan# 1006

Delta R.T. -0.03 min

Lab File: BF098161.D

Acq: 30 Aug 2017 17:43

Tgt Ion: 136 Resp: 380138

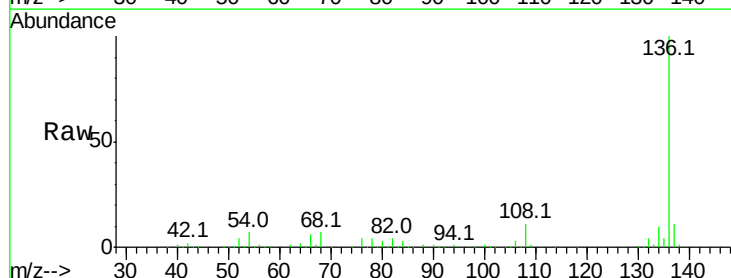
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	7.5	4.9	7.3#
68	7.0	4.1	6.1#

136 100

137 10.5 8.5 12.7

54 7.5 4.9 7.3#

68 7.0 4.1 6.1#



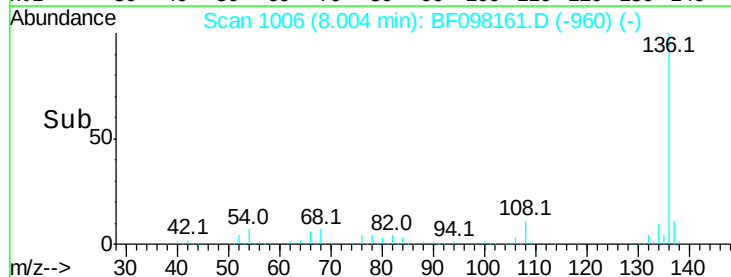
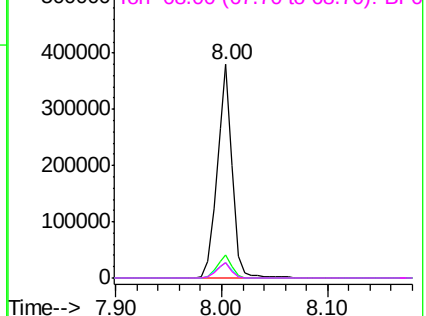
Abundance

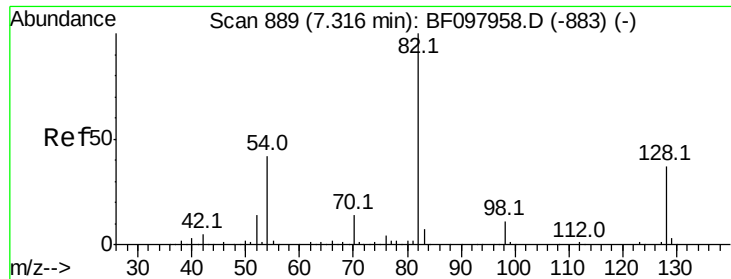
Ion 136.00 (135.70 to 136.70): E

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

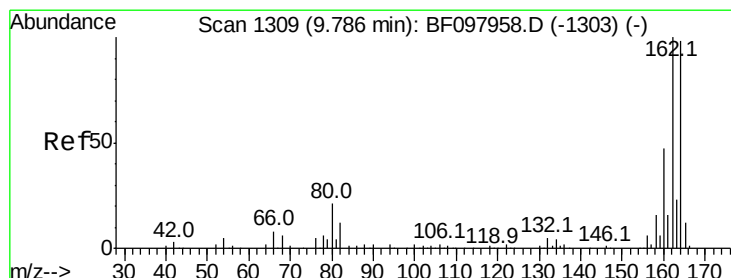
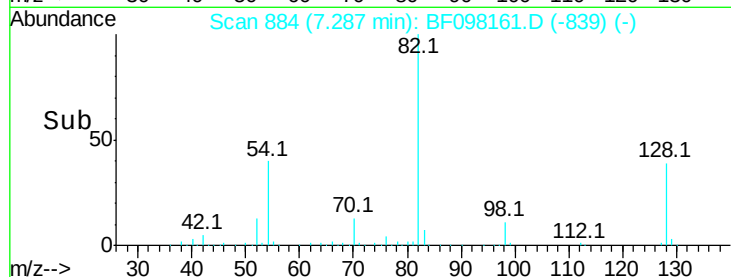
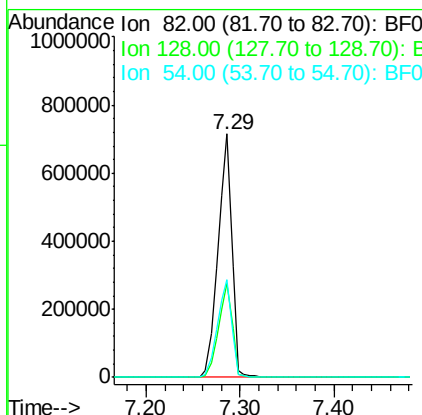
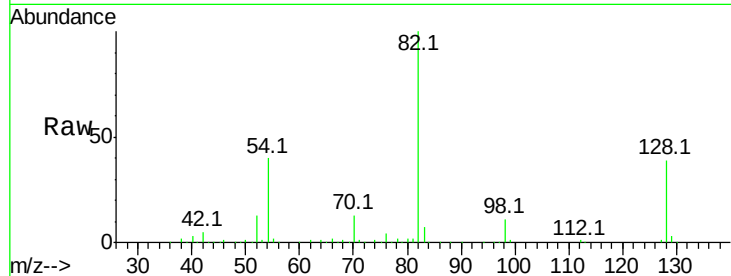




#23
 Nitrobenzene-d5
 Concen: 106.020 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.04 min
 Lab File: BF098161.D
 Acq: 30 Aug 2017 17:43

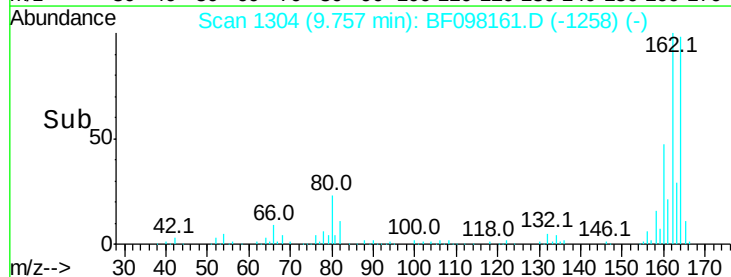
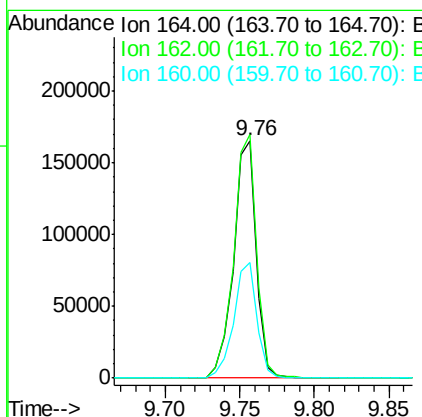
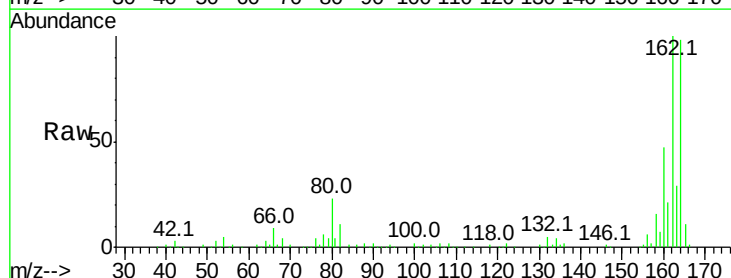
Instrument :
 BNA_F
 ClientSampleId :
 PB101874BL

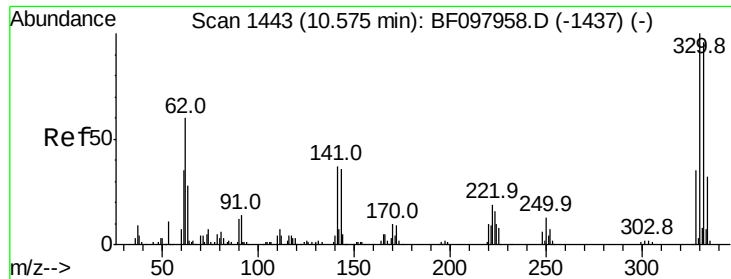
Tot Ion	82	Resp	741878
Ion Ratio	Lower	Upper	
82	100		
128	38.6	34.0	51.0
54	40.2	42.2	63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.03 min
 Lab File: BF098161.D
 Acq: 30 Aug 2017 17:43

Tgt Ion	164	Resp	176580
Ion Ratio	Lower	Upper	
164	100		
162	102.6	82.6	123.8
160	48.7	36.2	54.2

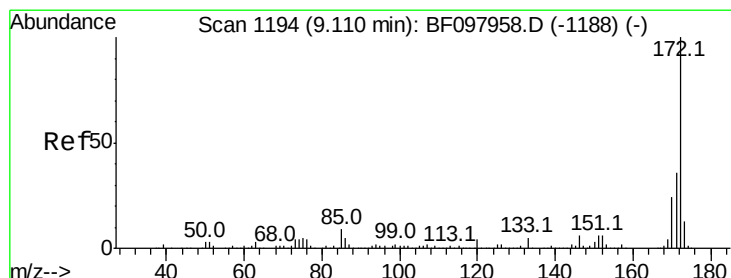
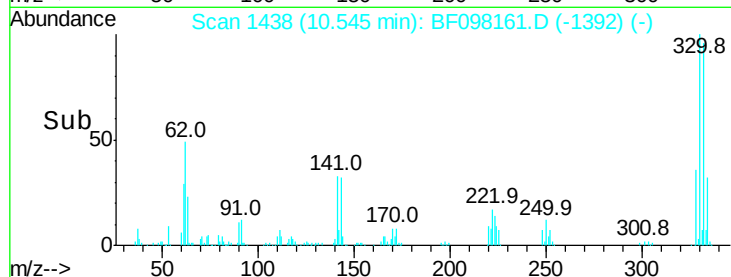
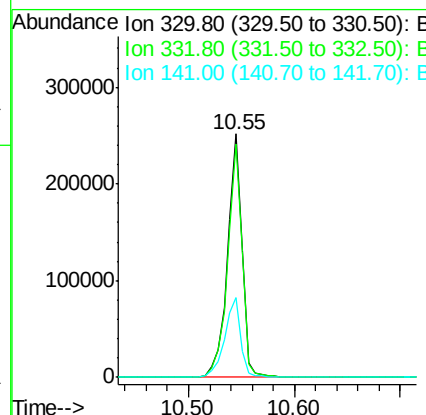
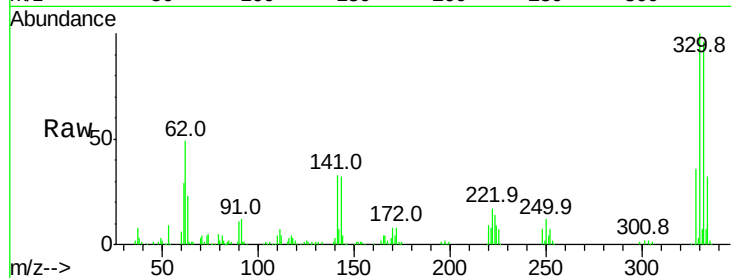




#41
 2,4,6-Tribromophenol
 Concen: 158.960 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.03 min
 Lab File: BF098161.D
 Acq: 30 Aug 2017 17:43

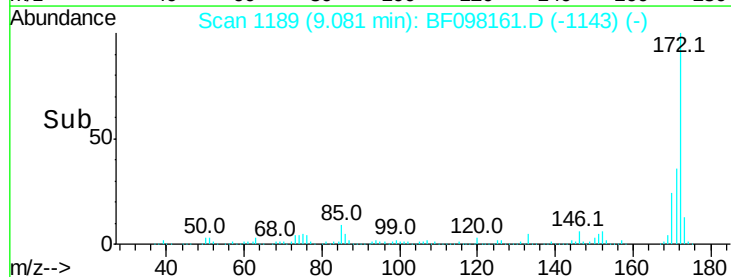
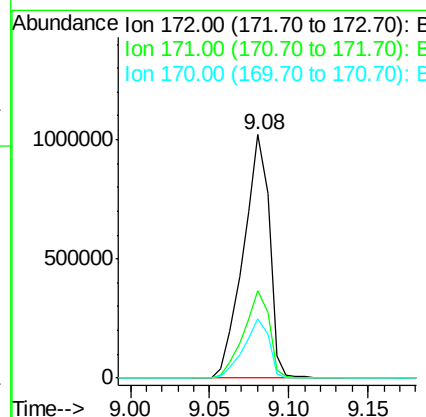
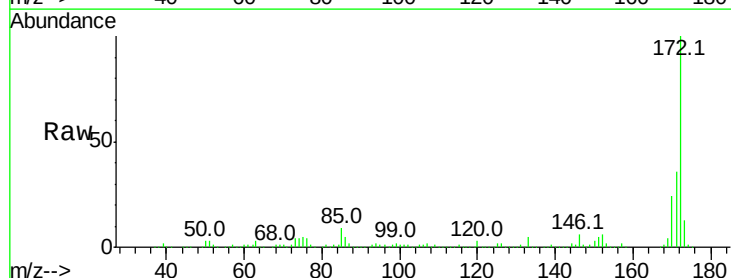
Instrument :
 BNA_F
 ClientSampleId :
 PB101874BL

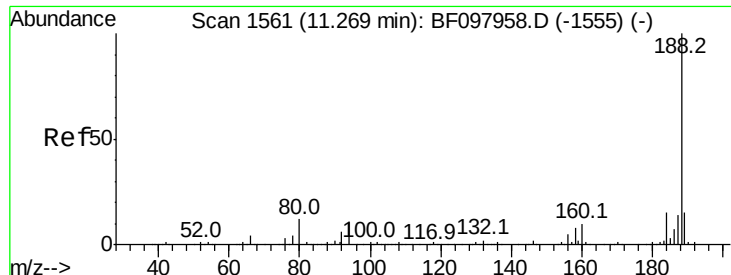
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	115.0
141	36.1	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 96.473 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF098161.D
 Acq: 30 Aug 2017 17:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	24.2	19.8	29.8





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.03 min

Lab File: BF098161.D

Acq: 30 Aug 2017 17:43

Instrument :

BNA_F

ClientSampleId :

PB101874BL

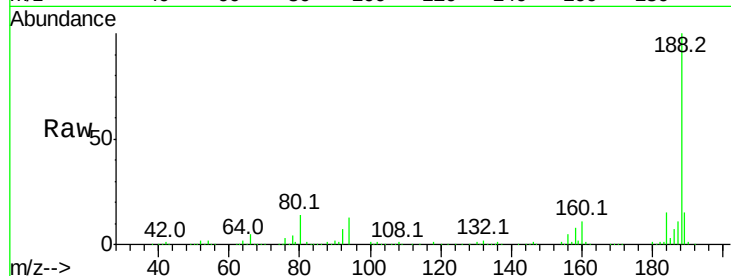
Tot Ion:188 Resp: 358161

Ion Ratio Lower Upper

188 100

94 12.8 9.4 14.2

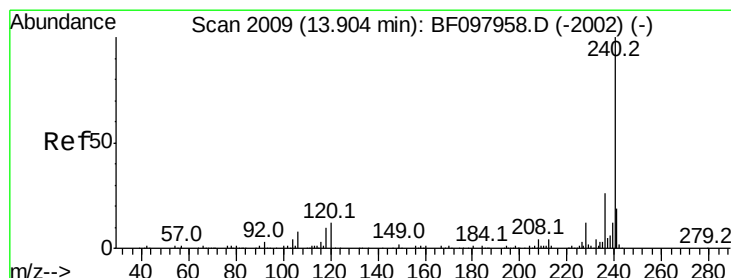
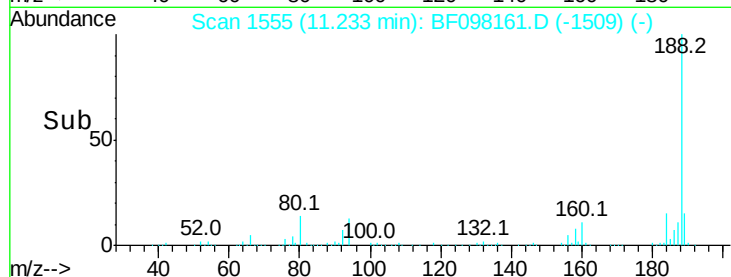
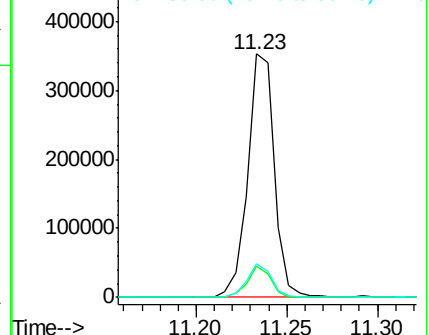
80 13.8 10.2 15.2



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: 13.87 min Scan# 2003

Delta R.T. -0.03 min

Lab File: BF098161.D

Acq: 30 Aug 2017 17:43

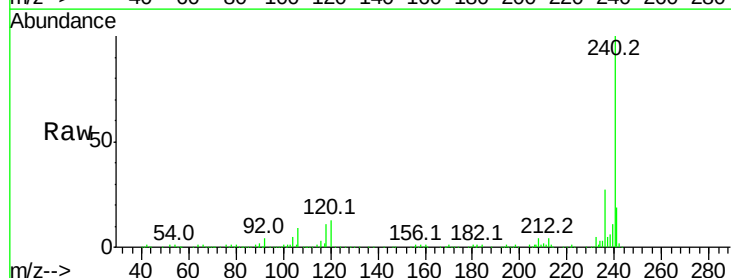
Tgt Ion:240 Resp: 318556

Ion Ratio Lower Upper

240 100

120 13.0 5.8 8.8#

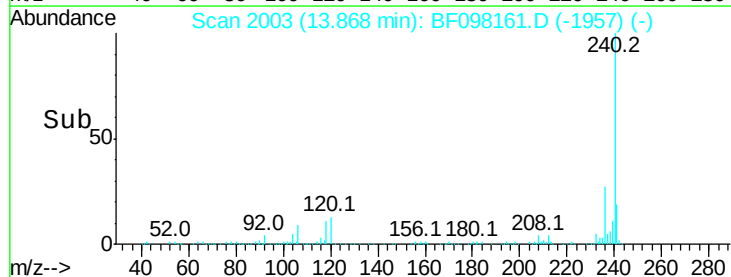
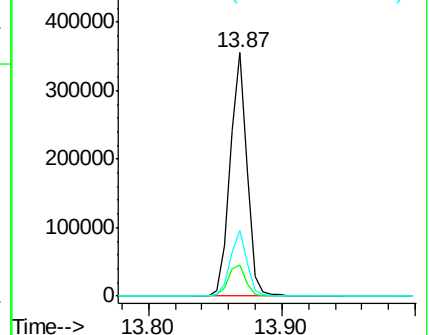
236 27.1 20.5 30.7

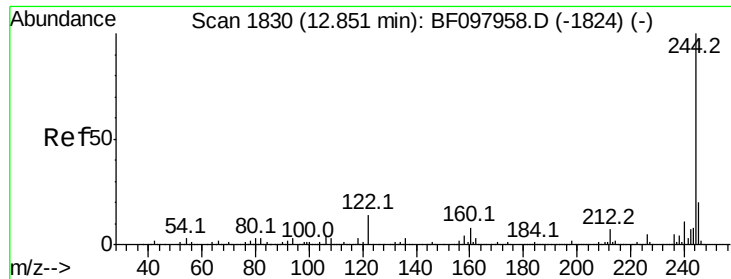


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 71.918 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF098161.D

Acq: 30 Aug 2017 17:43

Instrument :

BNA_F

ClientSampleId :

PB101874BL

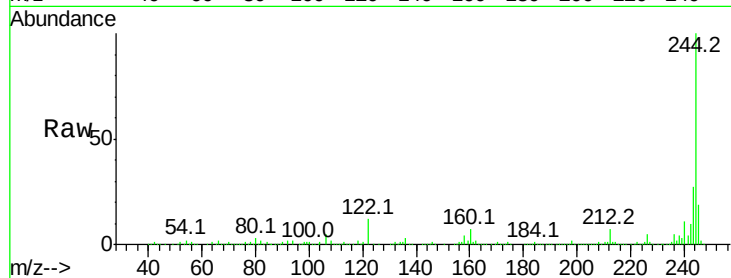
Tot Ion:244 Resp: 1098624

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

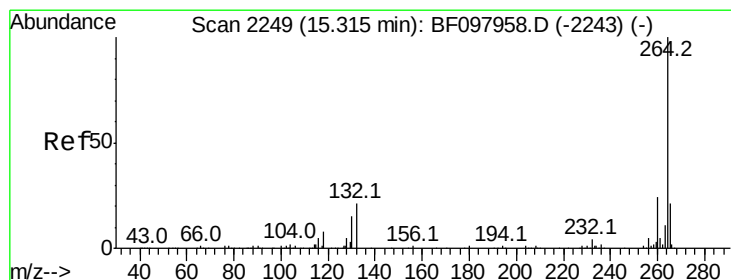
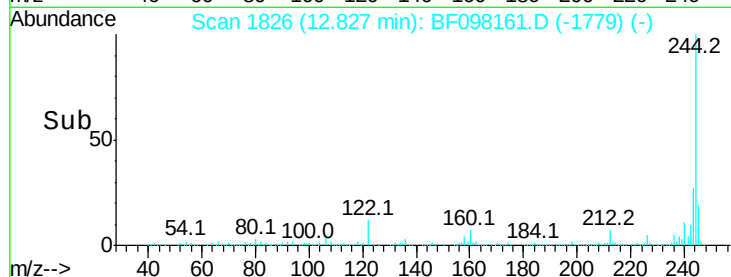
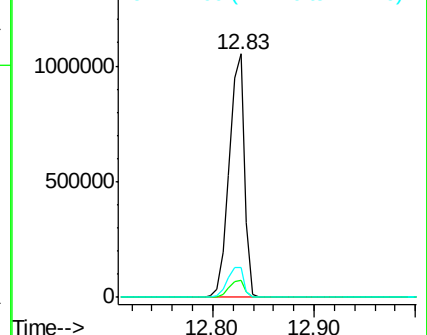
122 12.1 10.3 15.5



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: 15.28 min Scan# 2243

Delta R.T. -0.03 min

Lab File: BF098161.D

Acq: 30 Aug 2017 17:43

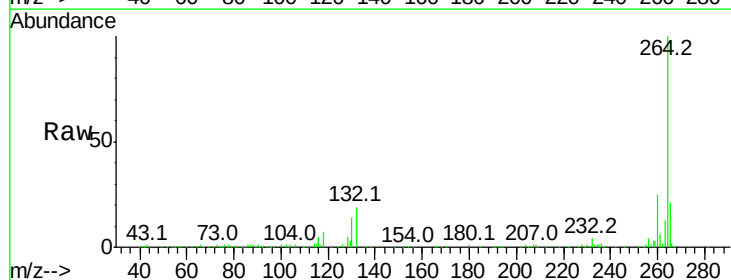
Tgt Ion:264 Resp: 226375

Ion Ratio Lower Upper

264 100

260 24.8 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

