

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
 Data File : BF098098.D
 Acq On : 29 Aug 2017 6:34
 Operator : SJ/JU
 Sample : I4959-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2013-RT3425-RT880-RT45915

Quant Time: Aug 29 09:34:16 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	109729	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	434699	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	190784	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	359670	20.00	ng	0.00
75) Chrysene-d12	13.89	240	256434	20.00	ng	-0.01
86) Perylene-d12	15.31	264	246137	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	695349	96.39	ng	0.00
7) Phenol-d6	6.37	99	884329	90.22	ng	-0.01
23) Nitrobenzene-d5	7.30	82	593618	74.18	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	169670	102.50	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	904718	69.67	ng	-0.01
78) Terphenyl-d14	12.84	244	748734	60.89	ng	-0.01

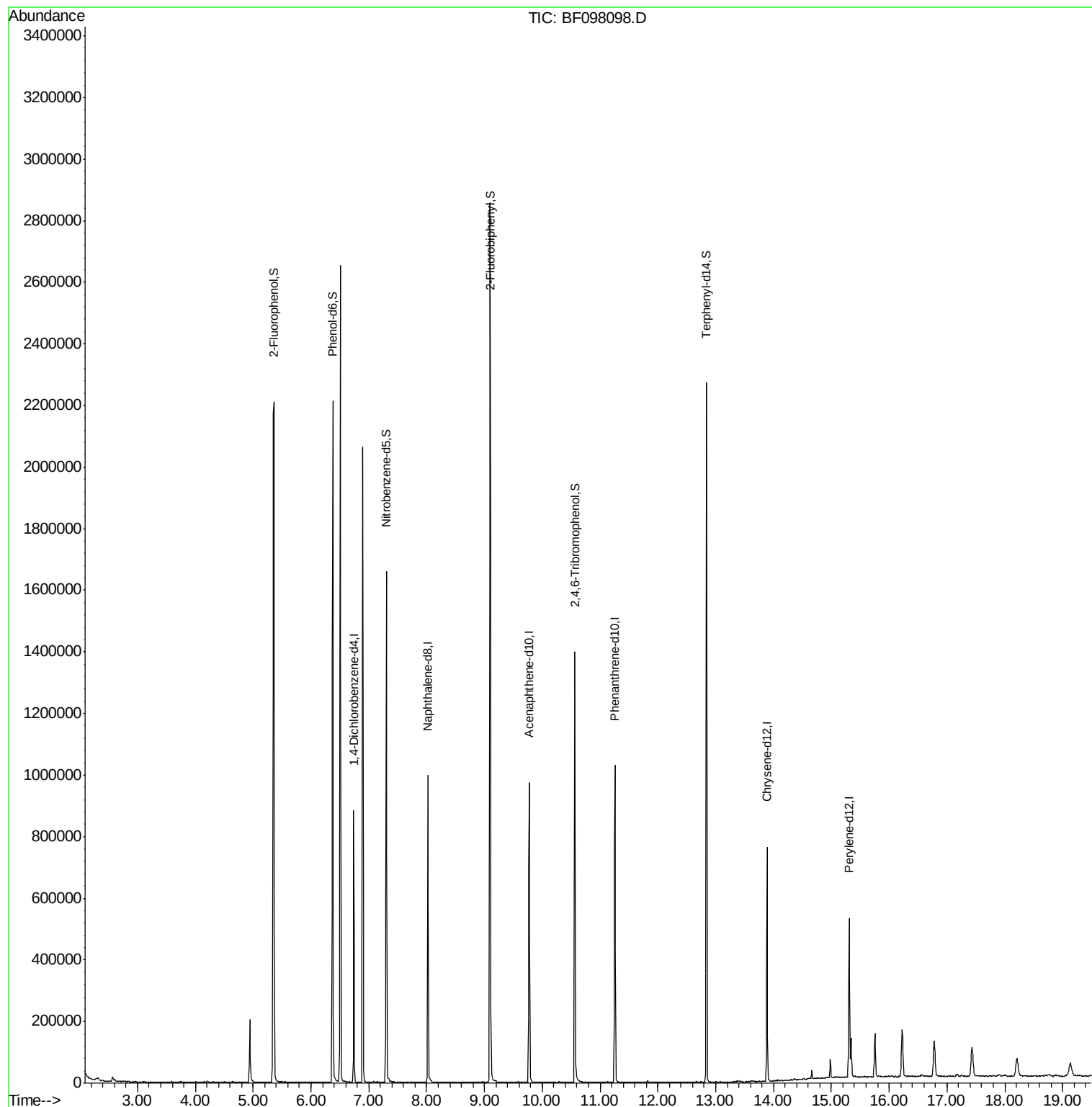
Target Compounds Qvalue

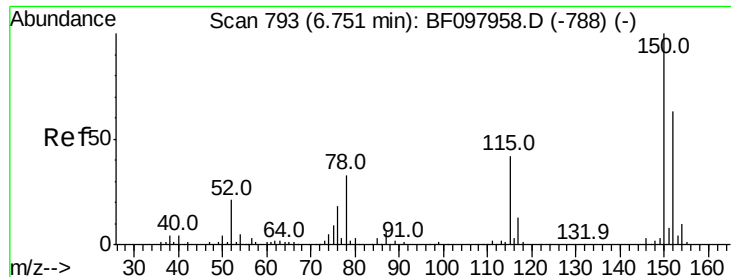
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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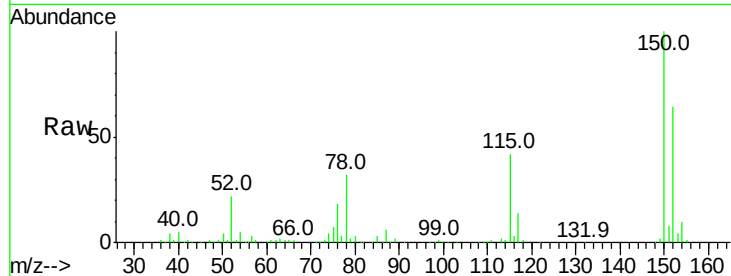


#1

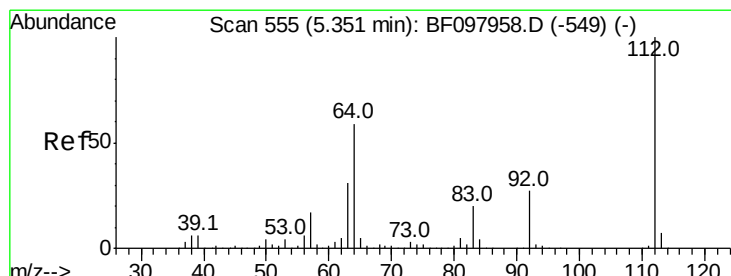
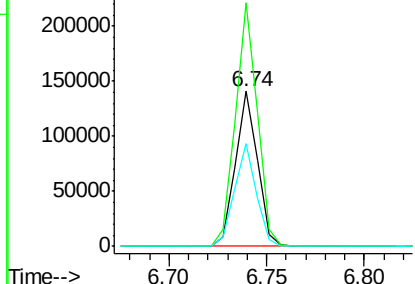
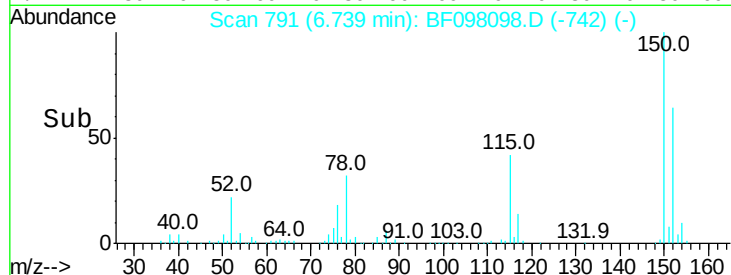
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF098098.D
Acq: 29 Aug 2017 6:34

Instrument :
BNA_F
ClientSampleId :
2013-RT3425-RT880-RT45915

Tot Ion:152 Resp: 109729
Ion Ratio Lower Upper
152 100
150 157.3 126.2 189.2
115 66.4 52.2 78.2



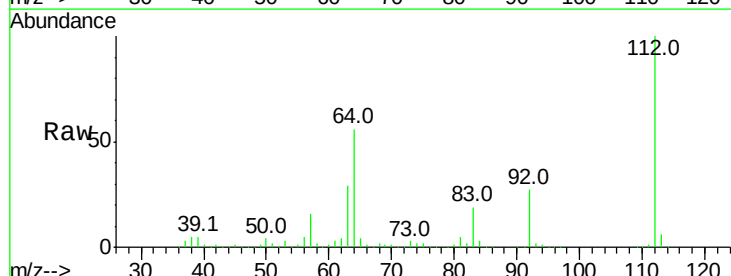
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



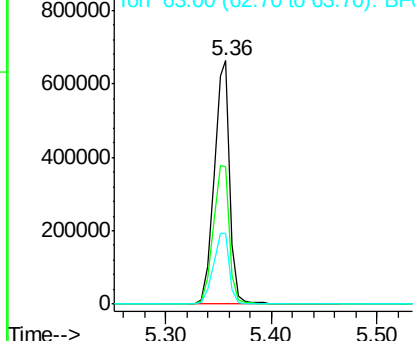
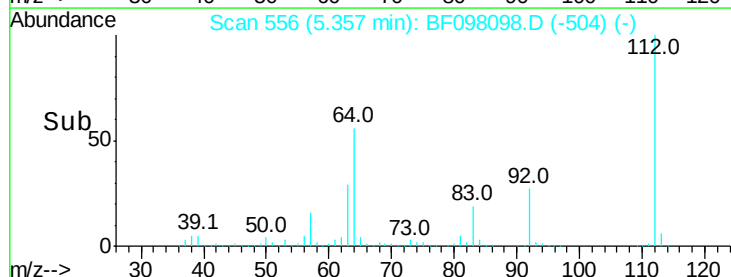
#5

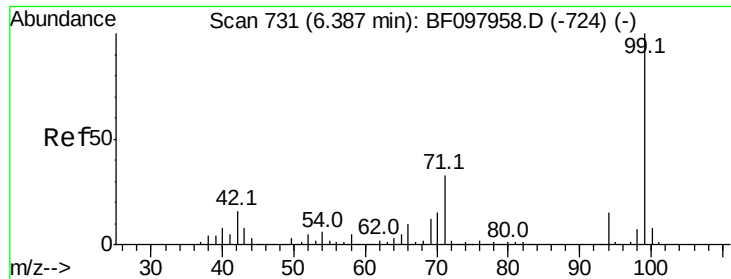
2-Fluorophenol
Concen: 96.390 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF098098.D
Acq: 29 Aug 2017 6:34

Tgt Ion:112 Resp: 695349
Ion Ratio Lower Upper
112 100
64 56.5 46.0 69.0
63 28.9 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: 90.223 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF098098.D

Acq: 29 Aug 2017 6:34

Instrument :

BNA_F

ClientSampleId :

2013-RT3425-RT880-RT45915

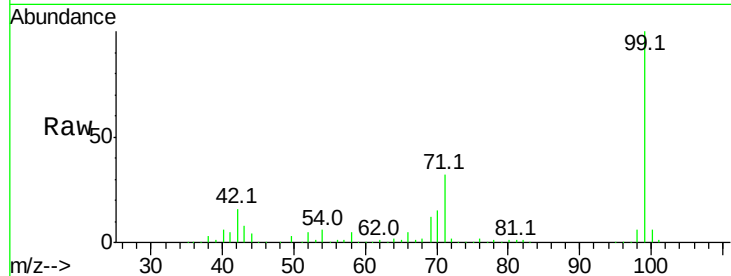
Tot Ion: 99 Resp: 884329

Ion Ratio Lower Upper

99 100

42 15.9 13.5 20.3

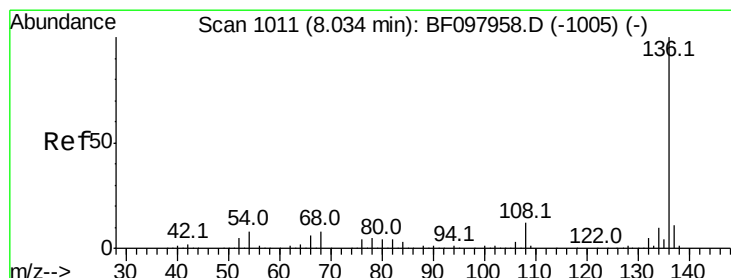
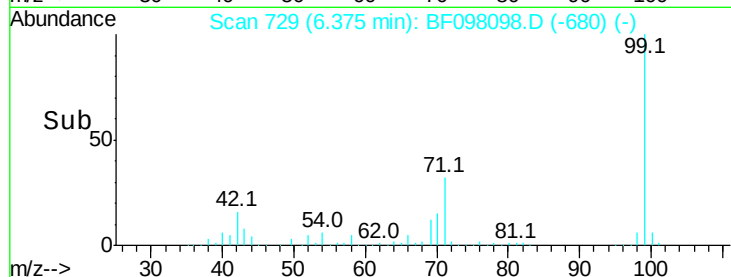
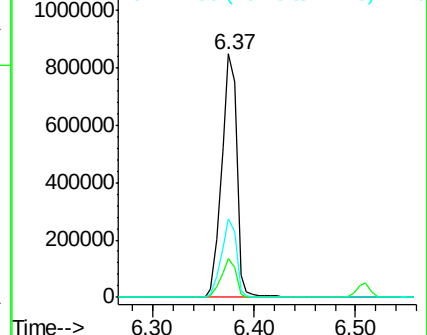
71 32.3 24.5 36.7



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: BF098098.D

Acq: 29 Aug 2017 6:34

Tgt Ion: 136 Resp: 434699

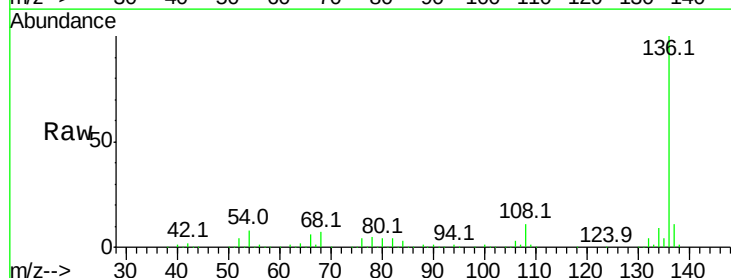
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.9 4.9 7.3#

68 6.6 4.1 6.1#

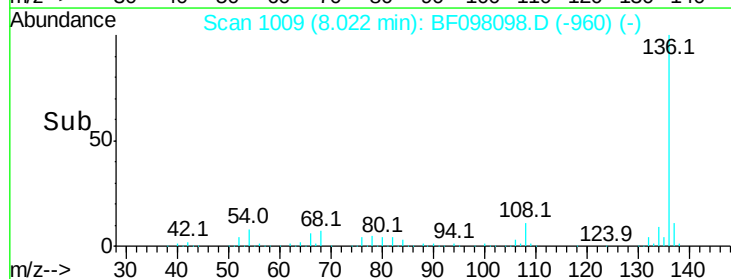
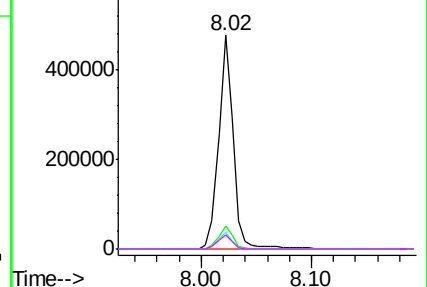


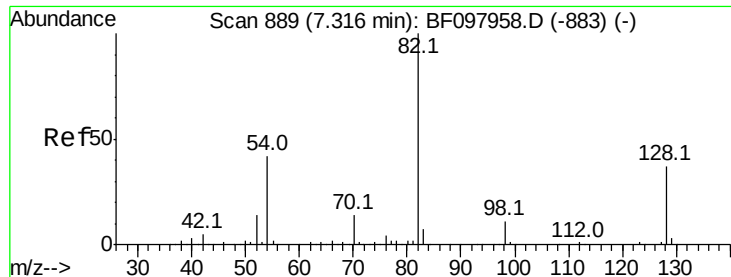
Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.185 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.02 min

Lab File: BF098098.D

Acq: 29 Aug 2017 6:34

Instrument :

BNA_F

ClientSampleId :

2013-RT3425-RT880-RT45915

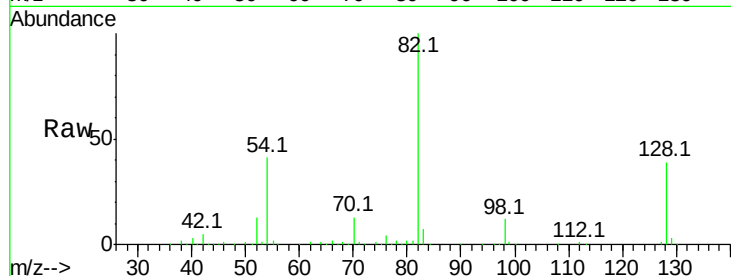
Tot Ion: 82 Resp: 593618

Ion Ratio Lower Upper

82 100

128 38.7 34.0 51.0

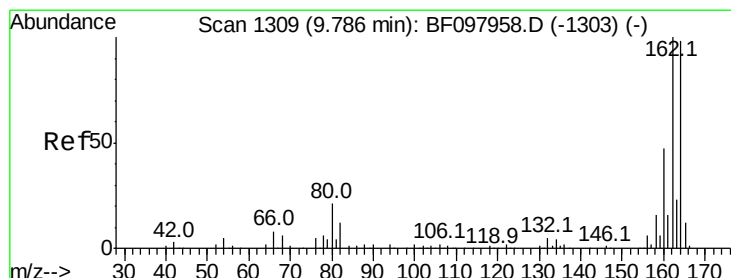
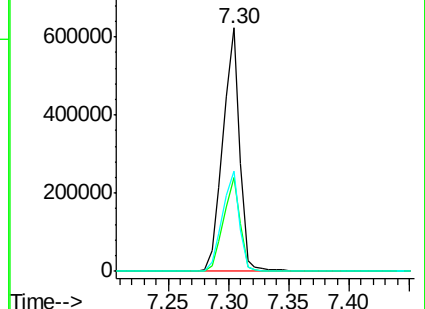
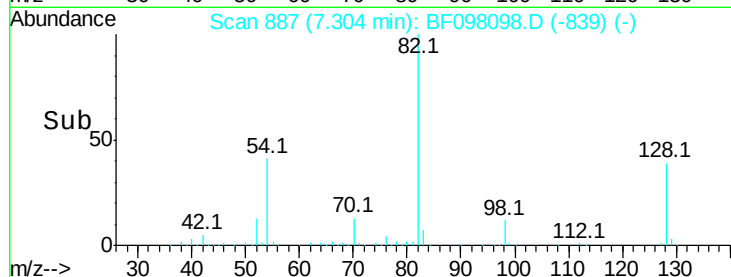
54 41.3 42.2 63.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF098098.D

Acq: 29 Aug 2017 6:34

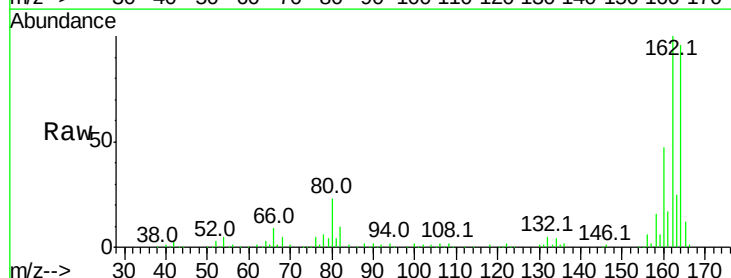
Tgt Ion:164 Resp: 190784

Ion Ratio Lower Upper

164 100

162 104.1 82.6 123.8

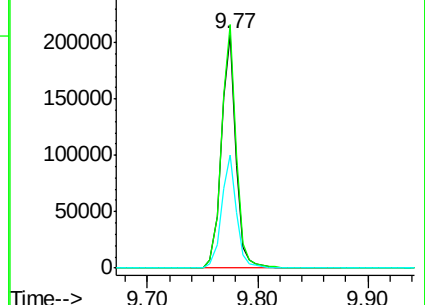
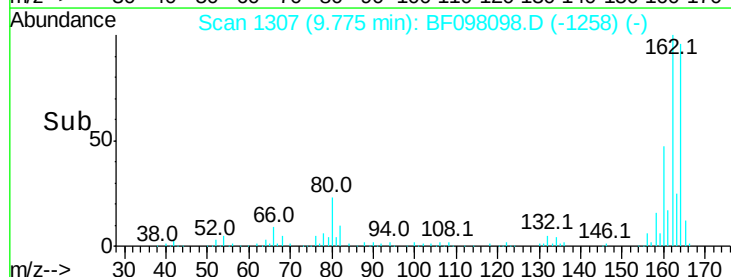
160 48.5 36.2 54.2

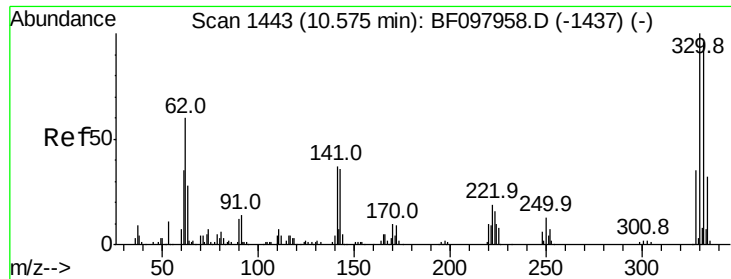


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

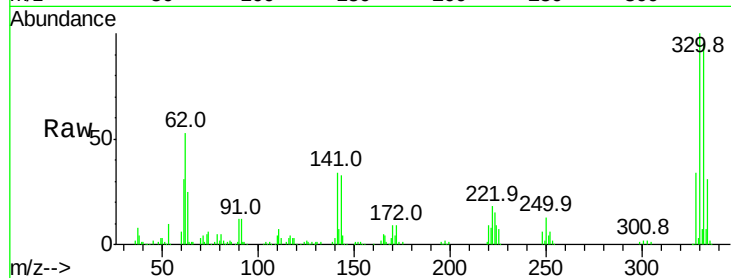




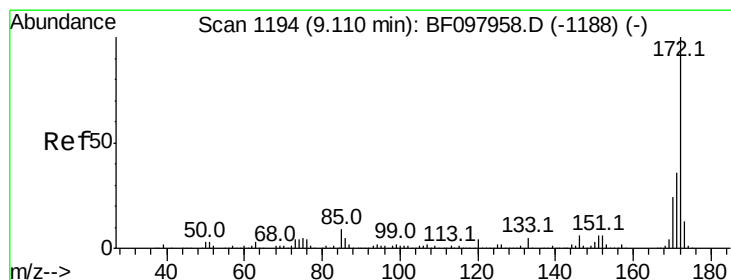
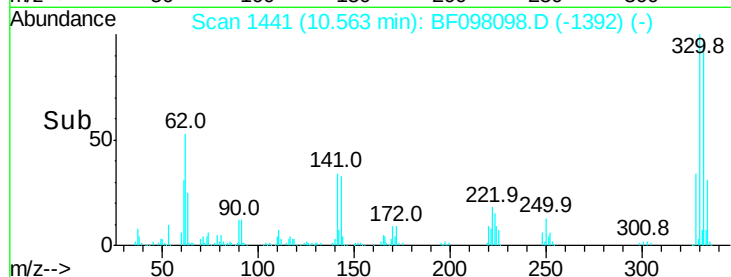
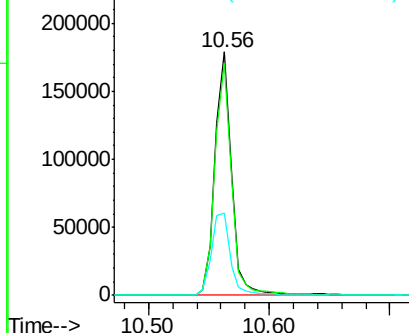
#41
 2,4,6-Tribromophenol
 Concen: 102.497 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF098098.D
 Acq: 29 Aug 2017 6:34

Instrument :
 BNA_F
 ClientSampleId :
 2013-RT3425-RT880-RT45915

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	115.0
141	39.3	31.4	47.2

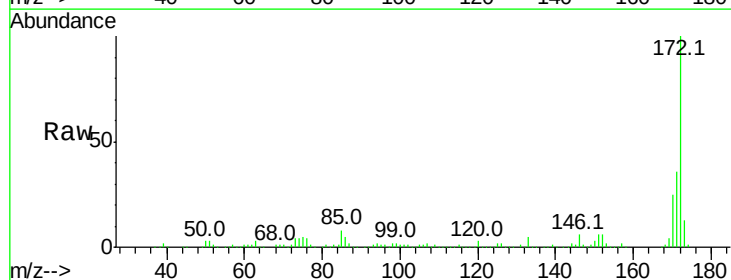


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

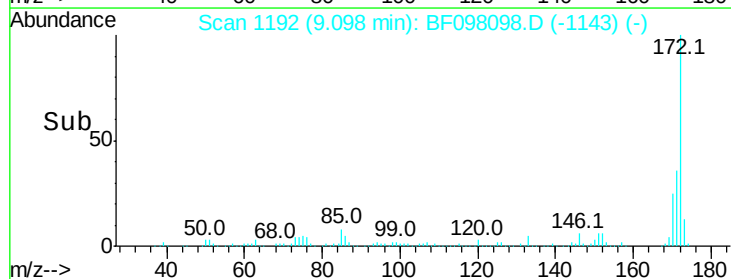
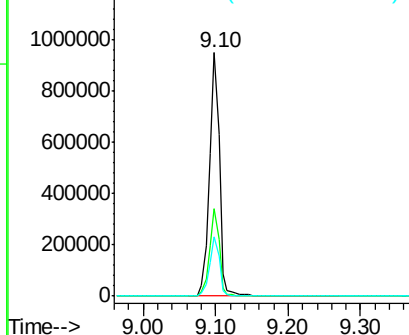


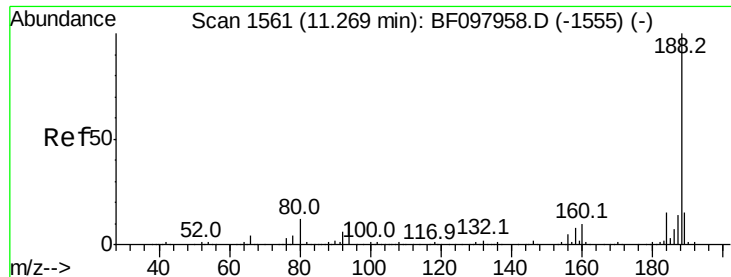
#44
 2-Fluorobiphenyl
 Concen: 69.671 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF098098.D
 Acq: 29 Aug 2017 6:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	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

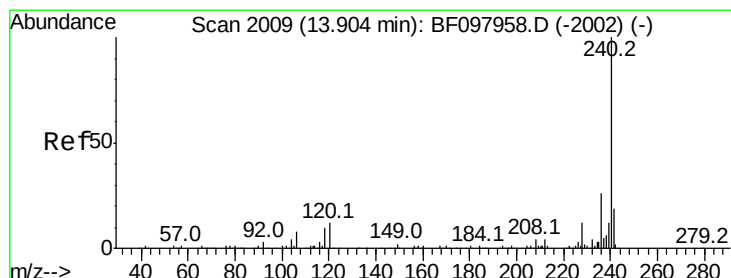
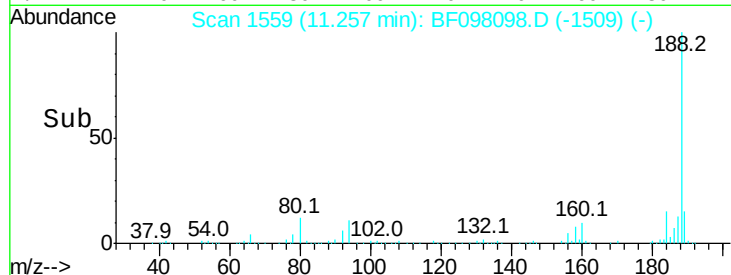
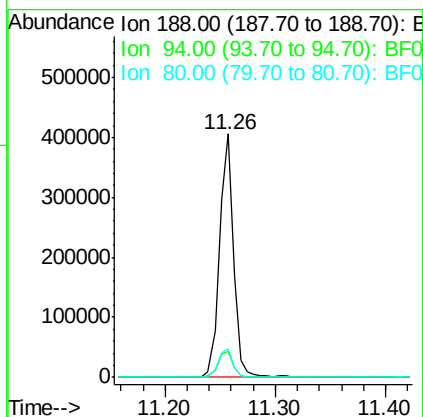
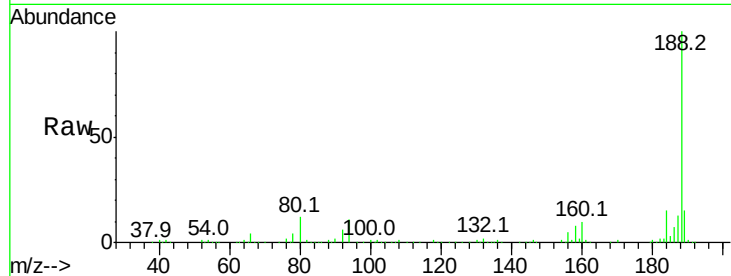




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF098098.D
Acq: 29 Aug 2017 6:34

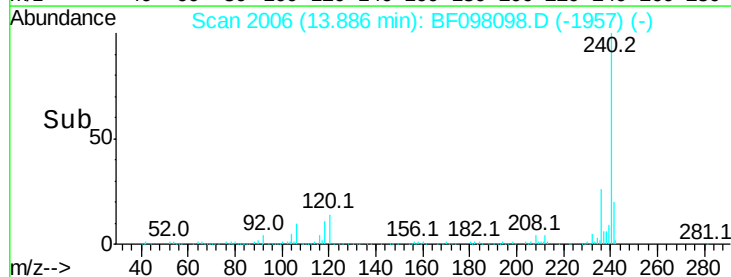
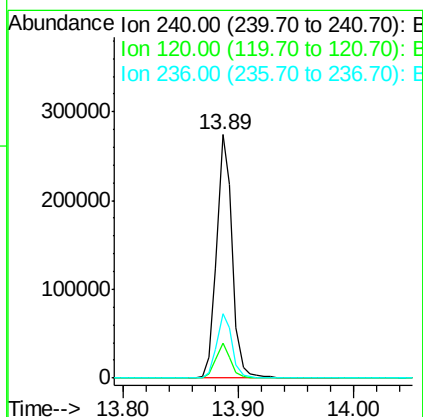
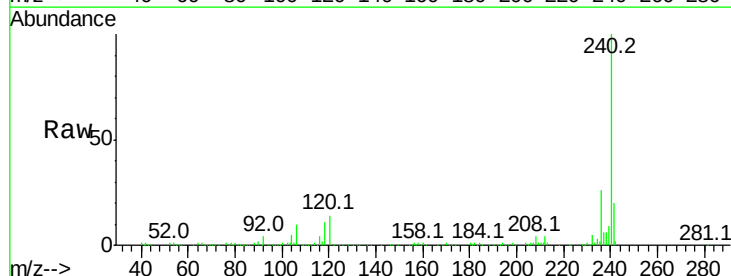
Instrument :
BNA_F
ClientSampleId :
2013-RT3425-RT880-RT45915

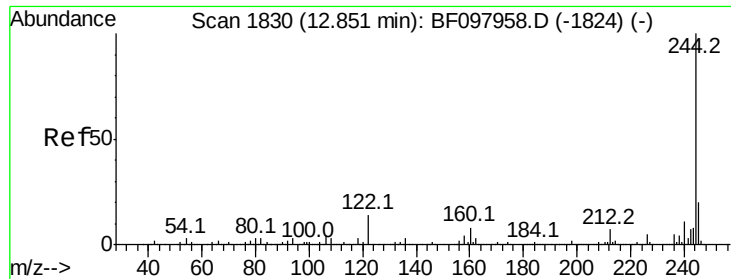
Tot Ion:188 Resp: 359670
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.2
80 11.9 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF098098.D
Acq: 29 Aug 2017 6:34

Tgt Ion:240 Resp: 256434
Ion Ratio Lower Upper
240 100
120 14.4 5.8 8.8#
236 26.3 20.5 30.7





#78

Terphenyl-d14

Concen: 60.887 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF098098.D

Acq: 29 Aug 2017 6:34

Instrument :

BNA_F

ClientSampleId :

2013-RT3425-RT880-RT45915

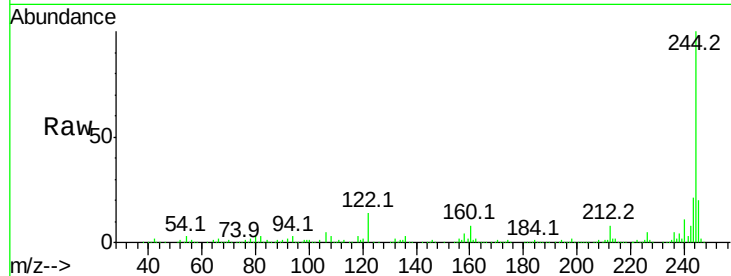
Tot Ion:244 Resp: 748734

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

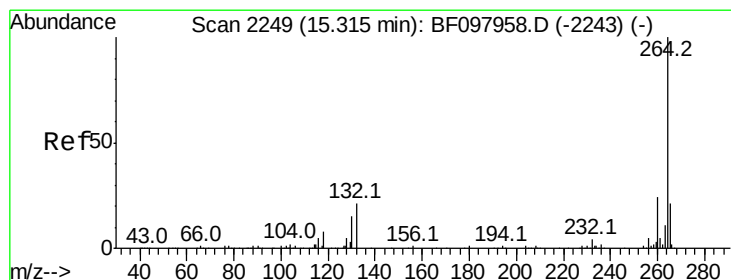
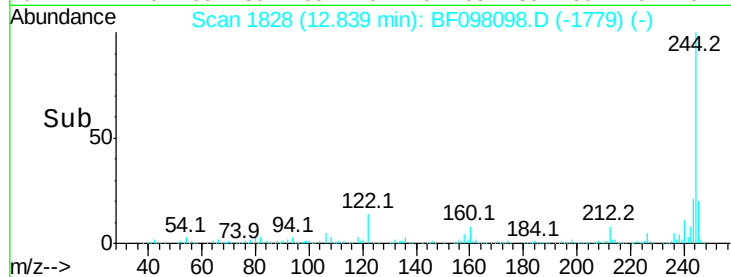
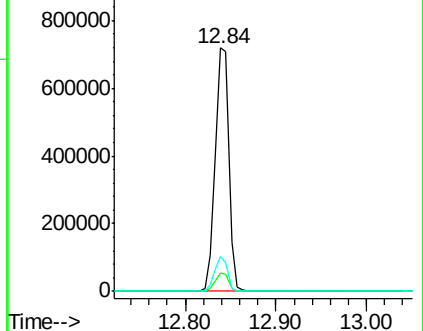
122 14.4 10.3 15.5



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: 15.31 min Scan# 2248

Delta R.T. 0.00 min

Lab File: BF098098.D

Acq: 29 Aug 2017 6:34

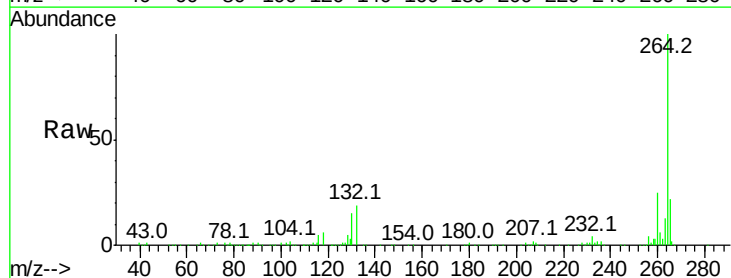
Tgt Ion:264 Resp: 246137

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

265 21.7 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

