

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
 Data File : BF098110.D
 Acq On : 29 Aug 2017 14:55
 Operator : SJ/JU
 Sample : PB101845BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101845BL

Quant Time: Aug 30 04:12:56 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	6.73	152	123356	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	502214	20.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	240955	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	507738	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	453788	20.00	ng	-0.01
86) Perylene-d12	15.30	264	333766	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	992013	122.32	ng	0.00
7) Phenol-d6	6.37	99	1311133	118.99	ng	-0.01
23) Nitrobenzene-d5	7.30	82	835461	90.37	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	299352	143.18	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1305438	79.60	ng	-0.02
78) Terphenyl-d14	12.84	244	1334518	61.33	ng	0.00

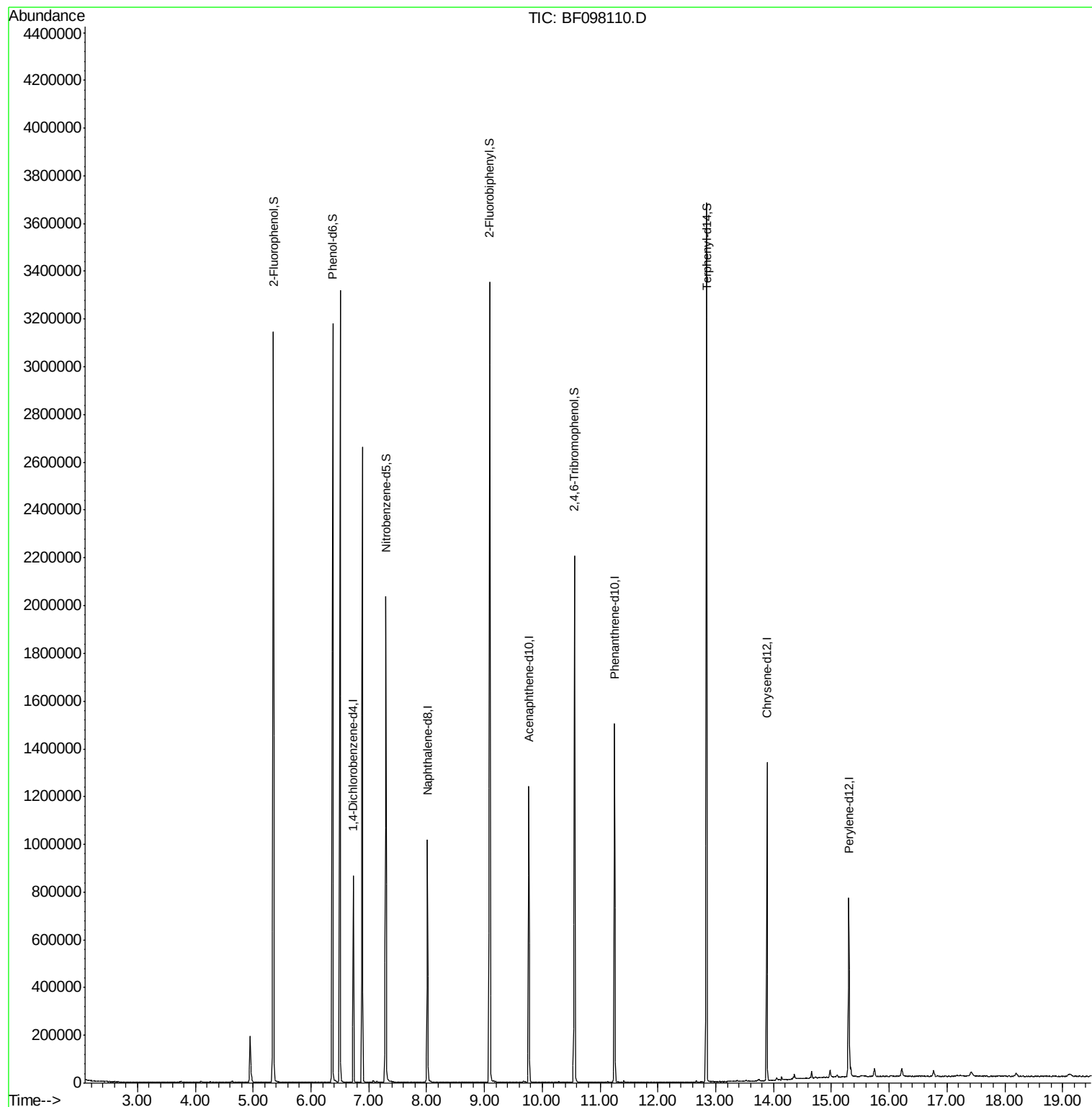
Target Compounds Qvalue

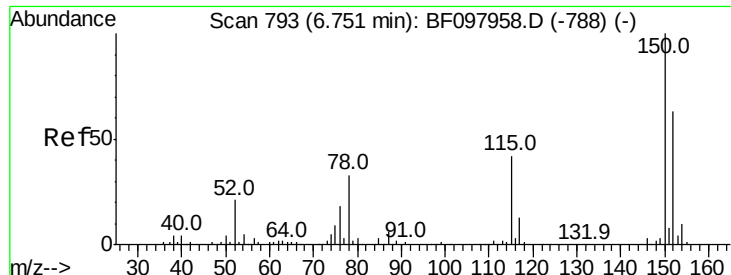
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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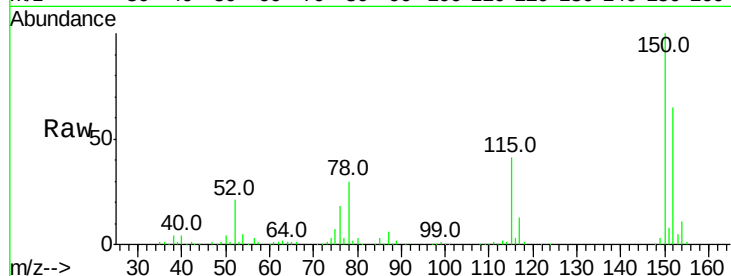


#1

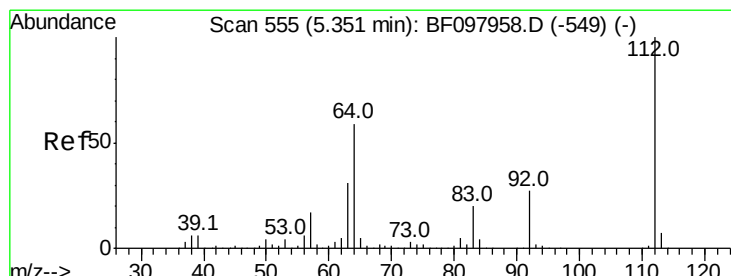
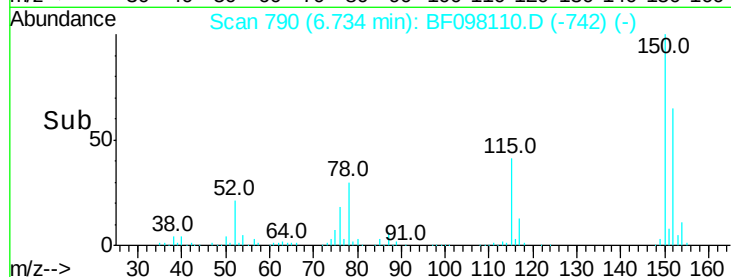
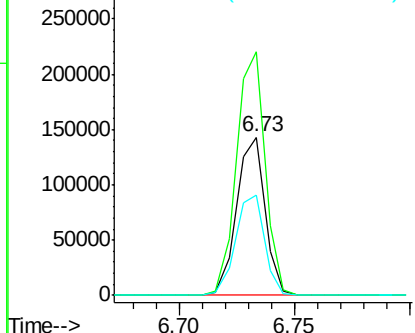
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.02 min
Lab File: BF098110.D
Acq: 29 Aug 2017 14:55

Instrument :
BNA_F
ClientSampleId :
PB101845BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	126.2	189.2
115	63.1	52.2	78.2



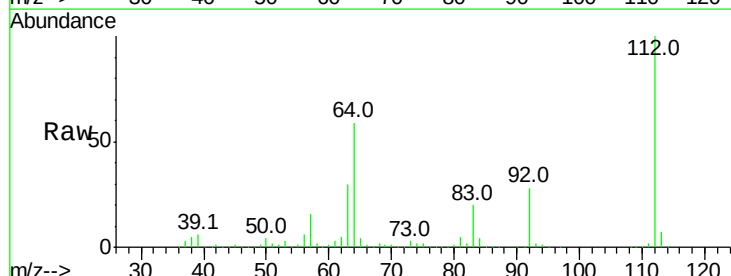
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



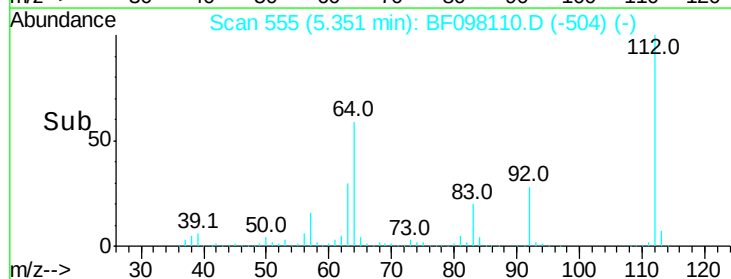
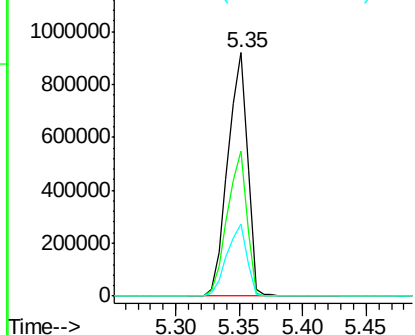
#5

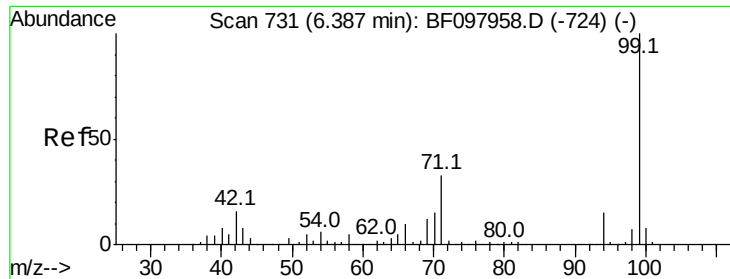
2-Fluorophenol
Concen: 122.323 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF098110.D
Acq: 29 Aug 2017 14:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	46.0	69.0
63	29.6	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: 118.990 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF098110.D

Acq: 29 Aug 2017 14:55

Instrument :

BNA_F

ClientSampleId :

PB101845BL

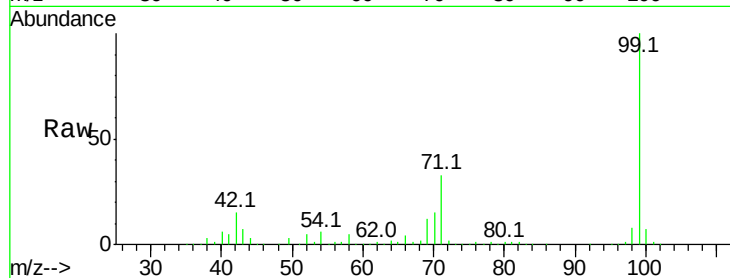
Tot Ion: 99 Resp: 1311133

Ion Ratio Lower Upper

99 100

42 15.2 13.5 20.3

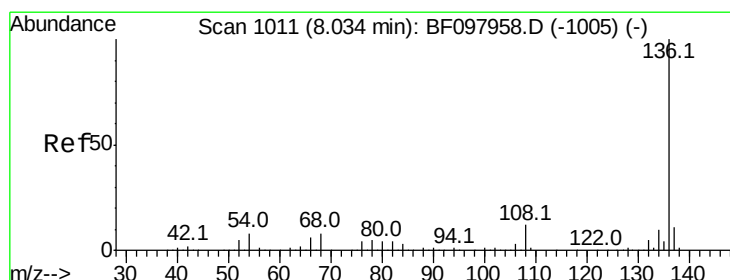
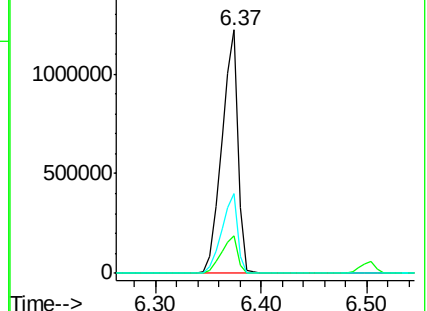
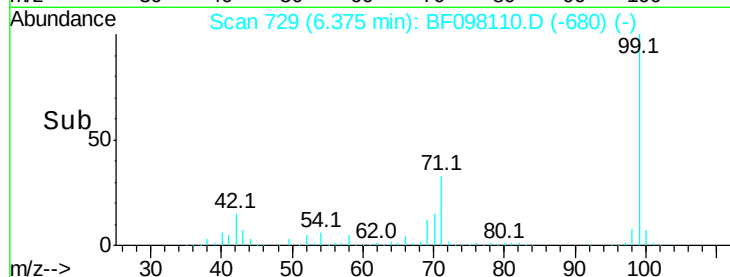
71 32.8 24.5 36.7



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# 1008

Delta R.T. -0.02 min

Lab File: BF098110.D

Acq: 29 Aug 2017 14:55

Tgt Ion: 136 Resp: 502214

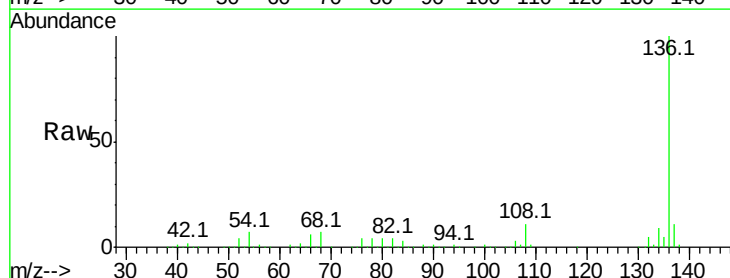
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 7.5 4.9 7.3#

68 6.9 4.1 6.1#

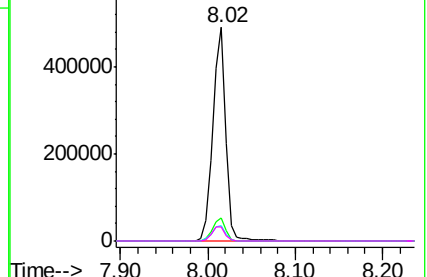
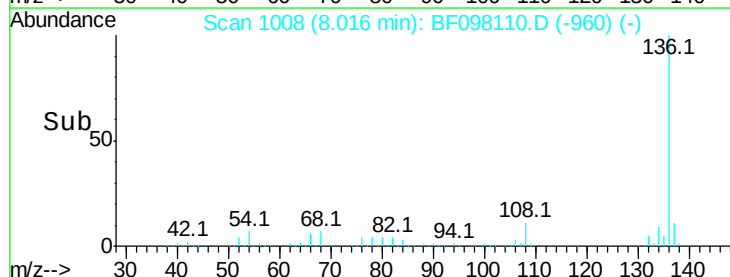


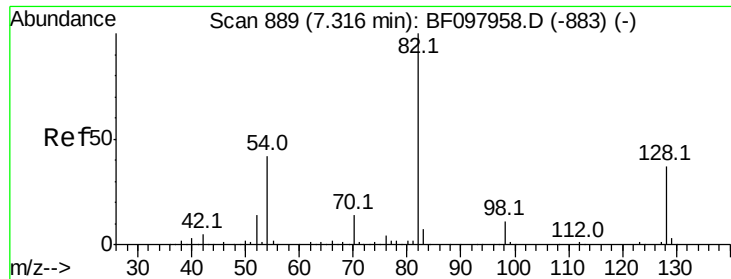
Abundance Ion 136.00 (135.70 to 136.70): E

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

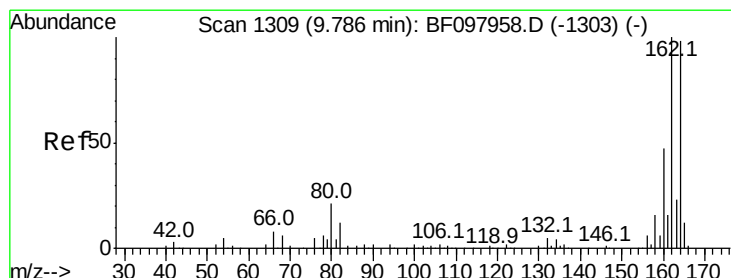
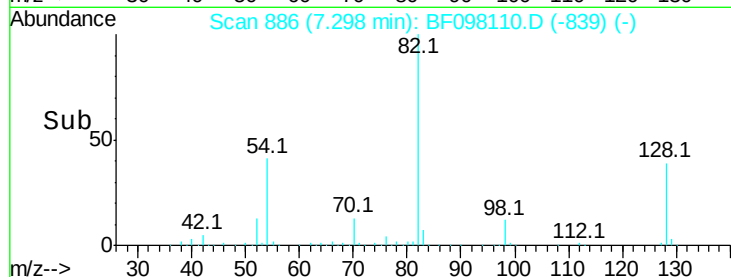
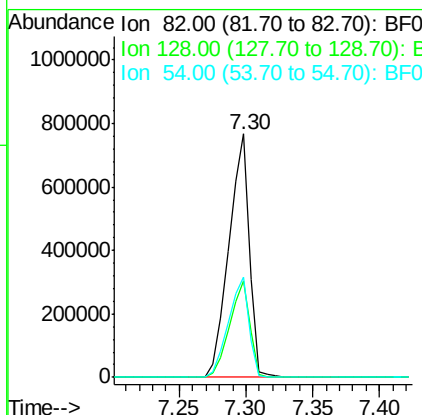
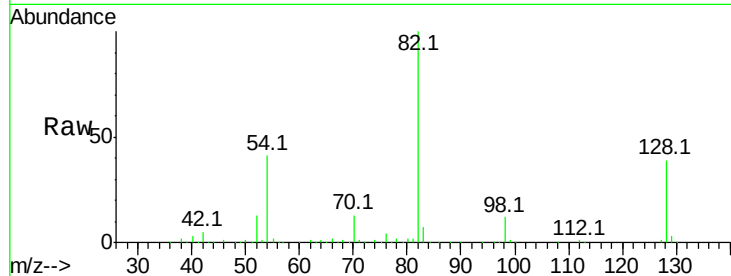




#23
 Nitrobenzene-d5
 Concen: 90.372 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.02 min
 Lab File: BF098110.D
 Acq: 29 Aug 2017 14:55

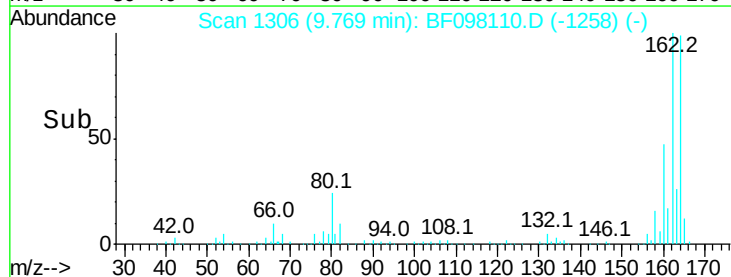
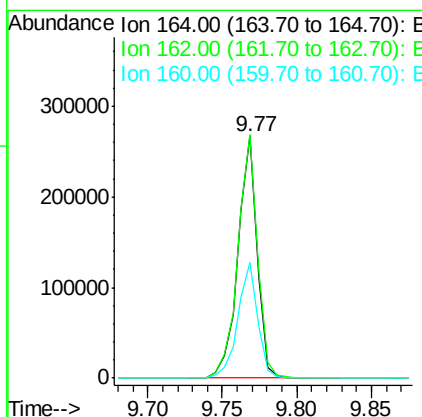
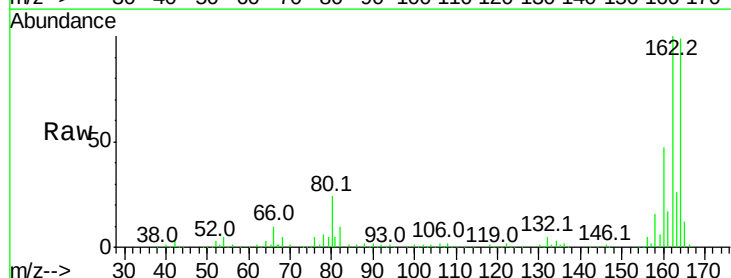
Instrument :
 BNA_F
 ClientSampleId :
 PB101845BL

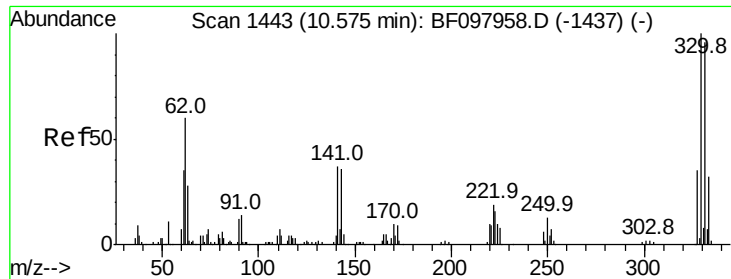
Tot Ion: 82 Resp: 835461
 Ion Ratio Lower Upper
 82 100
 128 39.3 34.0 51.0
 54 41.1 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.02 min
 Lab File: BF098110.D
 Acq: 29 Aug 2017 14:55

Tgt Ion:164 Resp: 240955
 Ion Ratio Lower Upper
 164 100
 162 100.5 82.6 123.8
 160 47.5 36.2 54.2

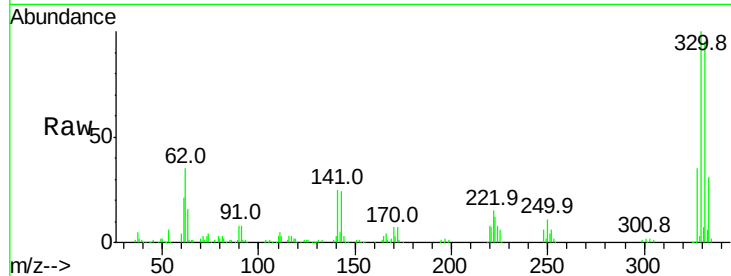




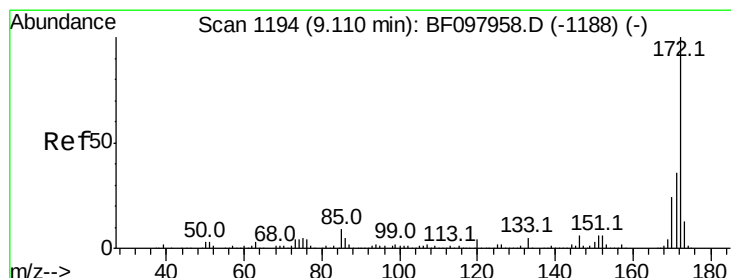
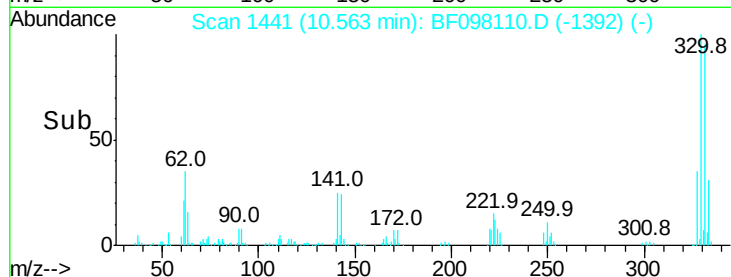
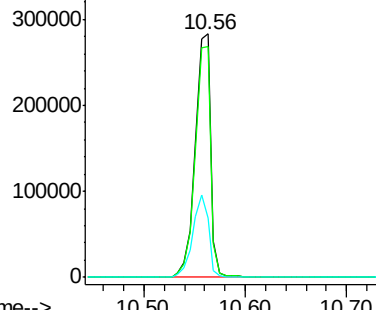
#41
 2,4,6-Tribromophenol
 Concen: 143.184 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF098110.D
 Acq: 29 Aug 2017 14:55

Instrument :
 BNA_F
 ClientSampleId :
 PB101845BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	115.0
141	34.6	31.4	47.2

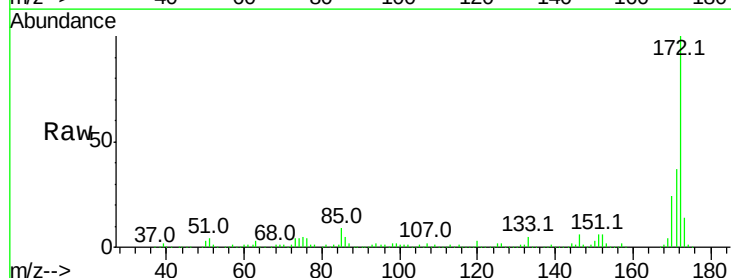


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

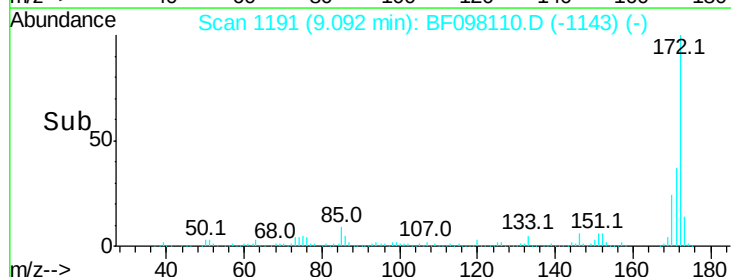
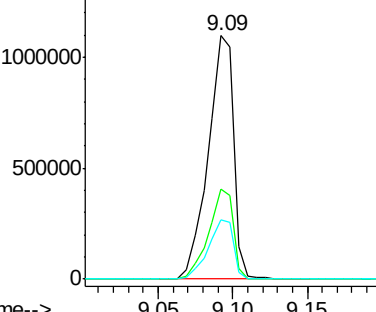


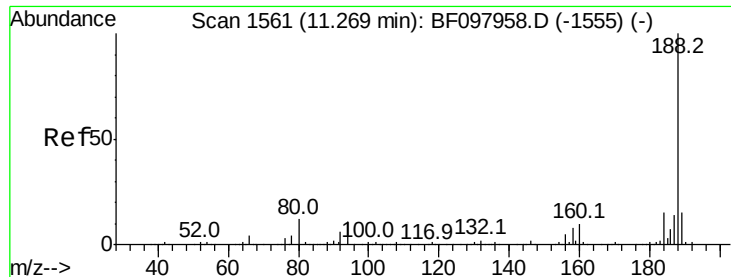
#44
 2-Fluorobiphenyl
 Concen: 79.598 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BF098110.D
 Acq: 29 Aug 2017 14:55

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

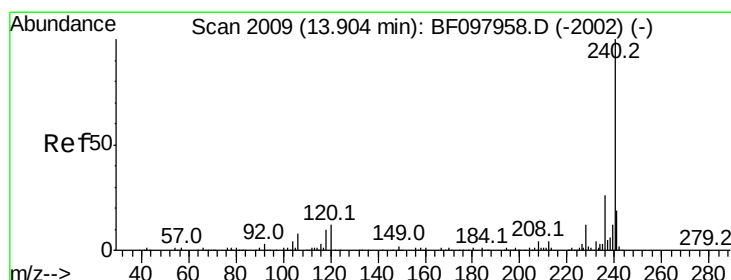
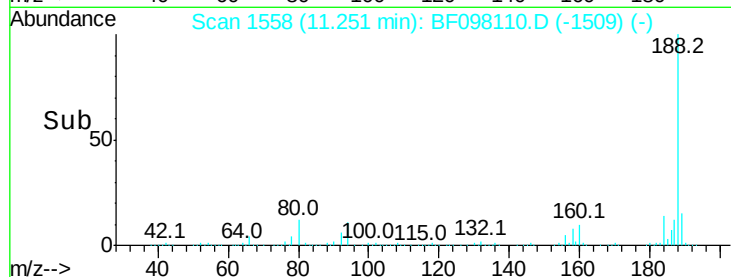
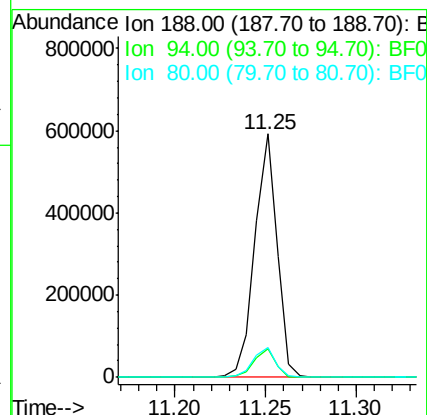
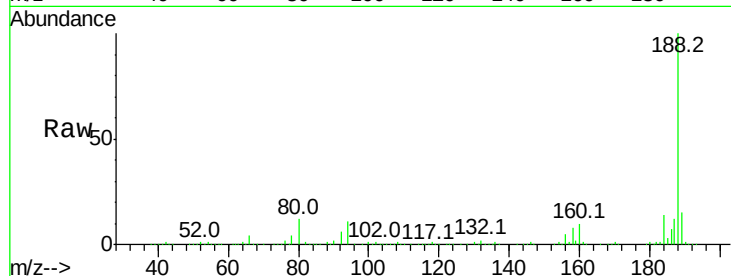




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF098110.D
Acq: 29 Aug 2017 14:55

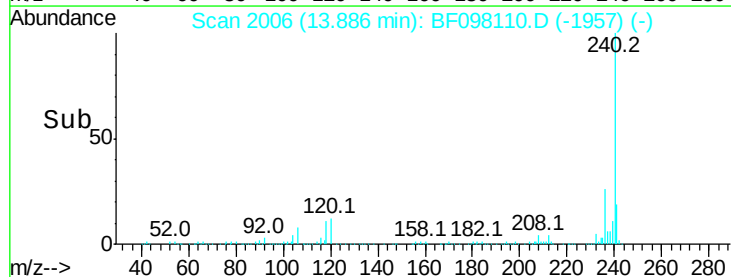
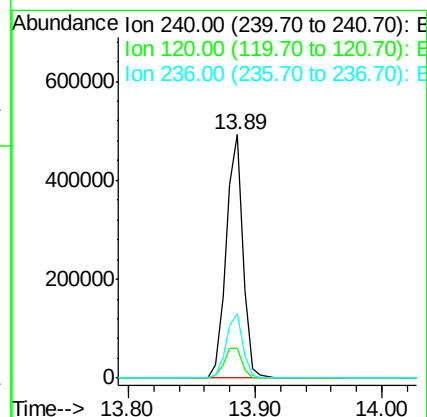
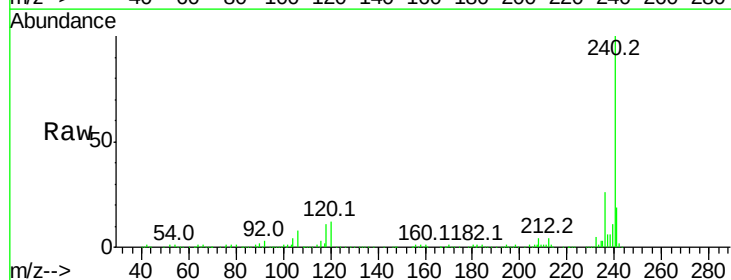
Instrument :
BNA_F
ClientSampleId :
PB101845BL

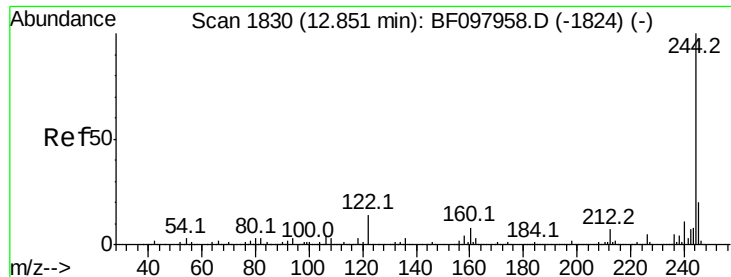
Tot Ion:188 Resp: 507738
Ion Ratio Lower Upper
188 100
94 11.5 9.4 14.2
80 12.1 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF098110.D
Acq: 29 Aug 2017 14:55

Tgt Ion:240 Resp: 453788
Ion Ratio Lower Upper
240 100
120 12.4 5.8 8.8#
236 26.4 20.5 30.7





#78

Terphenyl-d14

Concen: 61.326 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF098110.D

Acq: 29 Aug 2017 14:55

Instrument :

BNA_F

ClientSampleId :

PB101845BL

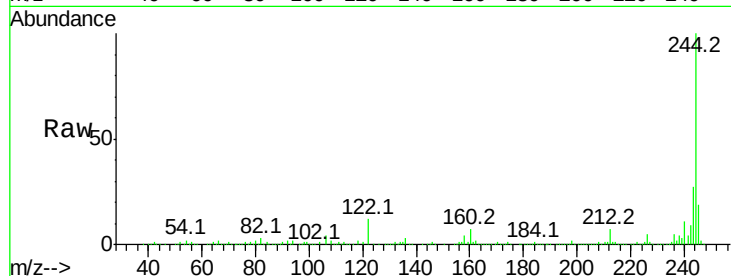
Tot Ion:244 Resp: 1334518

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

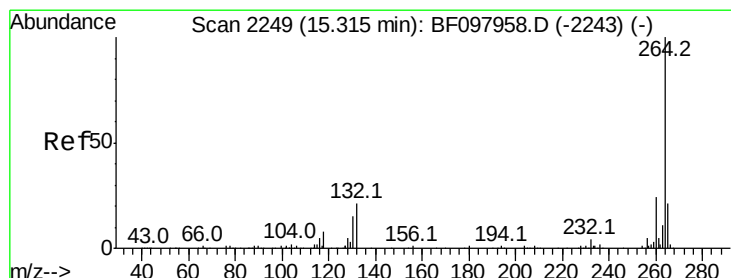
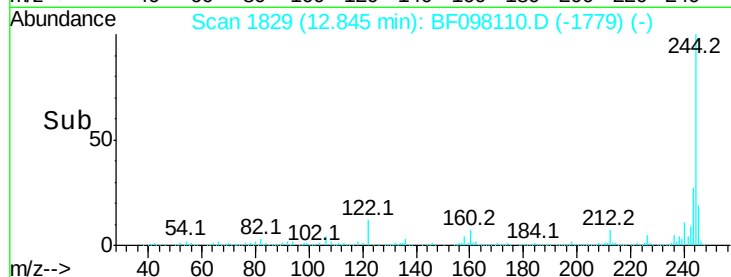
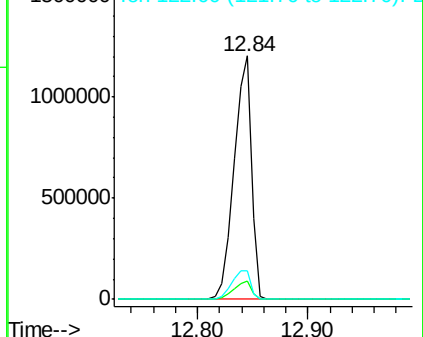
122 11.7 10.3 15.5



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: 15.30 min Scan# 2247

Delta R.T. -0.01 min

Lab File: BF098110.D

Acq: 29 Aug 2017 14:55

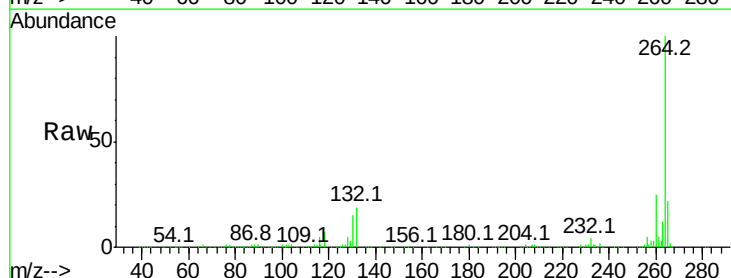
Tgt Ion:264 Resp: 333766

Ion Ratio Lower Upper

264 100

260 25.5 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

