

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083117\
 Data File : BF098203.D
 Acq On : 31 Aug 2017 19:16
 Operator : SJ/JU
 Sample : PB101916BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101916BL

Quant Time: Sep 01 02:56:05 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	113342	20.00	ng	-0.04
21) Naphthalene-d8	8.00	136	461602	20.00	ng	-0.04
38) Acenaphthene-d10	9.75	164	220140	20.00	ng	-0.04
63) Phenanthrene-d10	11.23	188	453323	20.00	ng	-0.03
75) Chrysene-d12	13.86	240	367347	20.00	ng	-0.04
86) Perylene-d12	15.28	264	268573	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	933081	125.22	ng	-0.02
7) Phenol-d6	6.36	99	1261372	124.59	ng	-0.03
23) Nitrobenzene-d5	7.28	82	781153	91.93	ng	-0.04
41) 2,4,6-Tribromophenol	10.55	330	275822	144.40	ng	-0.03
44) 2-Fluorobiphenyl	9.08	172	1210774	80.81	ng	-0.03
78) Terphenyl-d14	12.82	244	1194964	67.84	ng	-0.03

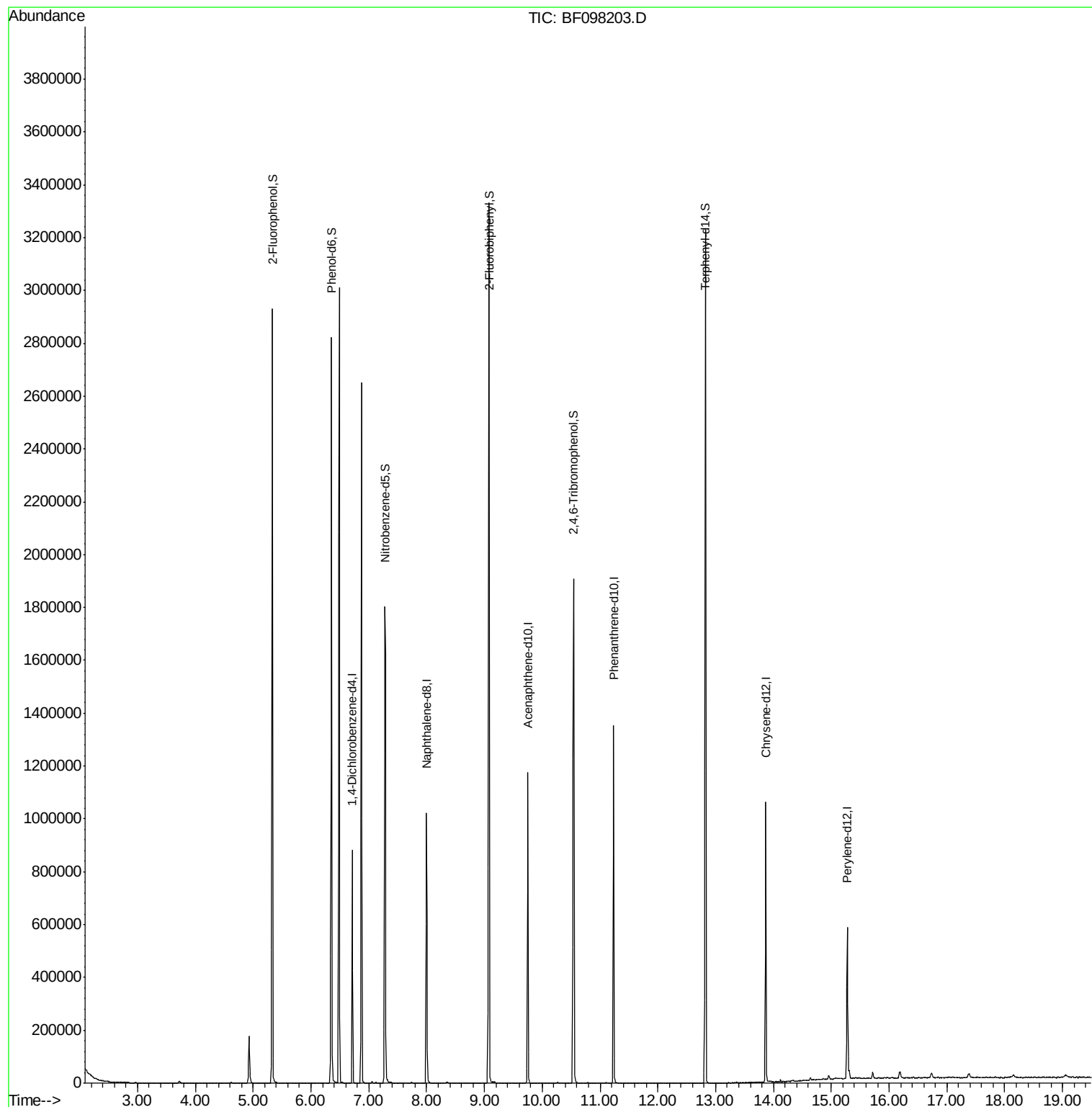
Target Compounds Qvalue

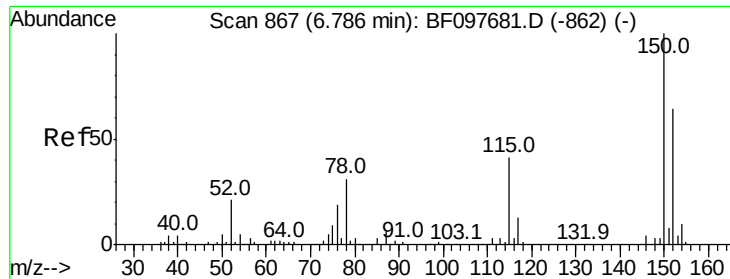
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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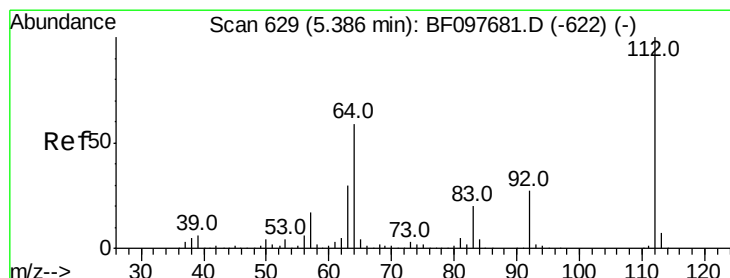
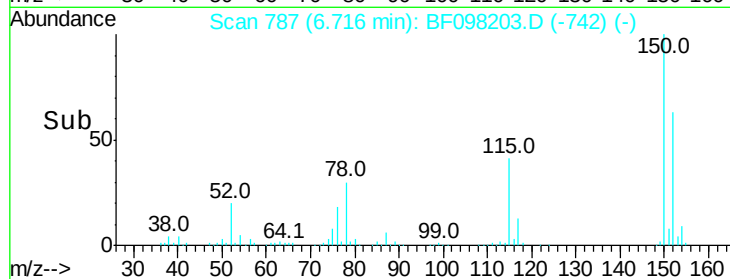
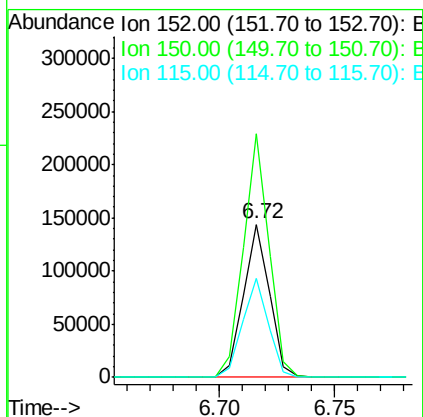
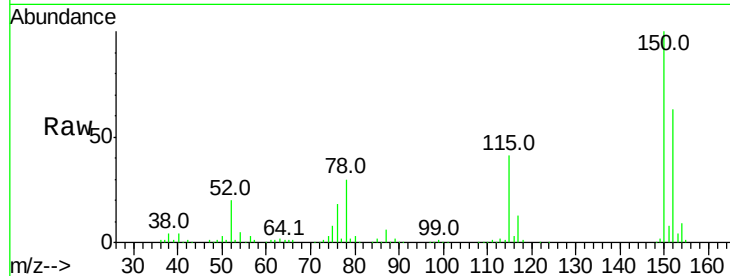


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.04 min
Lab File: BF098203.D
Acq: 31 Aug 2017 19:16

Instrument :
BNA_F
ClientSampleId :
PB101916BL

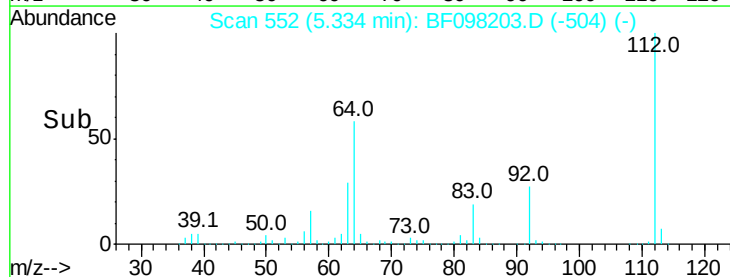
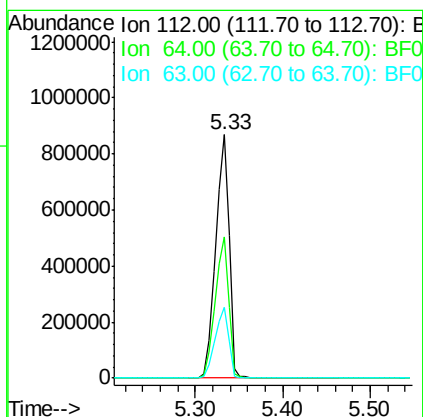
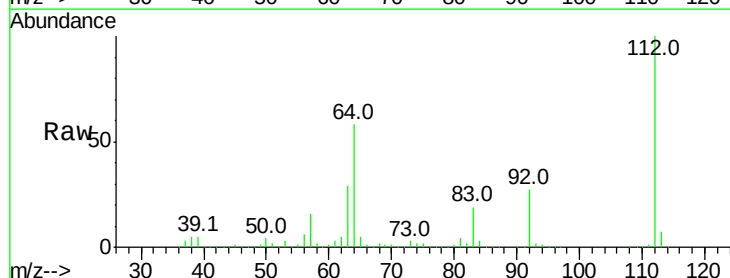
Tot Ion:152 Resp: 113342
Ion Ratio Lower Upper
152 100
150 158.8 126.2 189.2
115 64.4 52.2 78.2

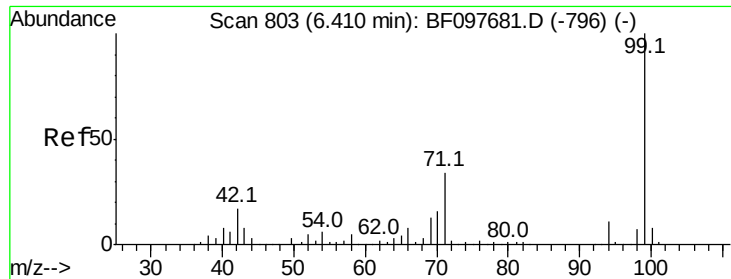


#5

2-Fluorophenol
Concen: 125.221 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF098203.D
Acq: 31 Aug 2017 19:16

Tgt Ion:112 Resp: 933081
Ion Ratio Lower Upper
112 100
64 58.1 46.0 69.0
63 29.0 23.4 35.0





#7

Phenol-d6

Concen: 124.588 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF098203.D

Acq: 31 Aug 2017 19:16

Instrument :

BNA_F

ClientSampleId :

PB101916BL

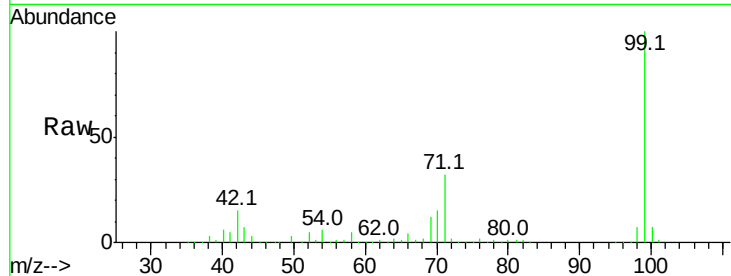
Tot Ion: 99 Resp: 1261372

Ion Ratio Lower Upper

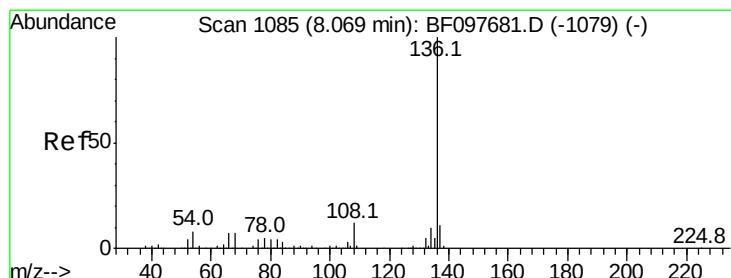
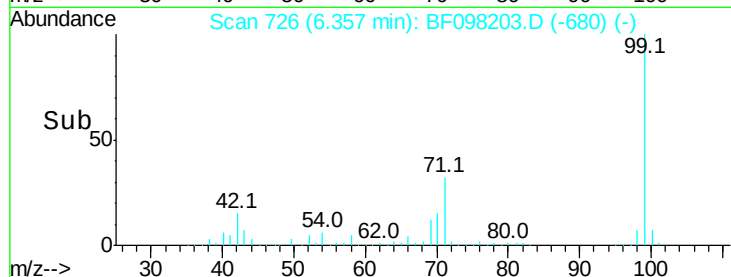
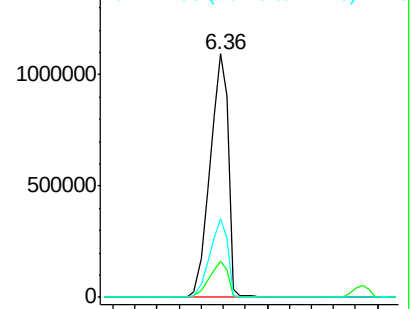
99 100

42 14.9 13.5 20.3

71 32.5 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# 1005

Delta R.T. -0.04 min

Lab File: BF098203.D

Acq: 31 Aug 2017 19:16

Tgt Ion: 136 Resp: 461602

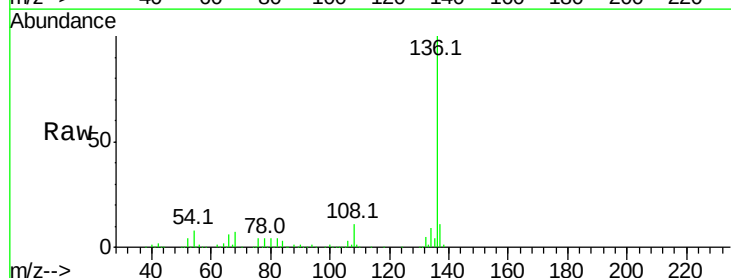
Ion Ratio Lower Upper

136 100

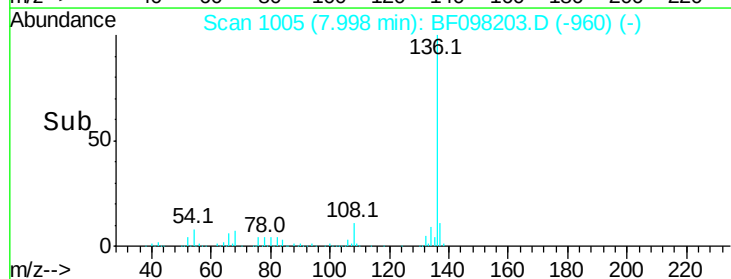
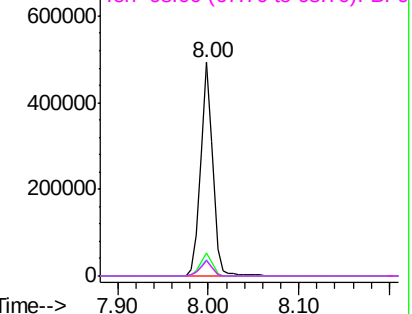
137 10.7 8.5 12.7

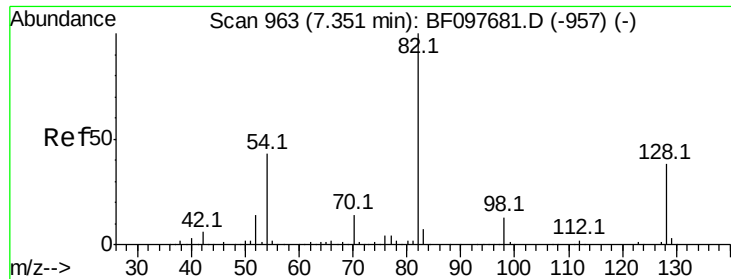
54 7.8 4.9 7.3#

68 7.4 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

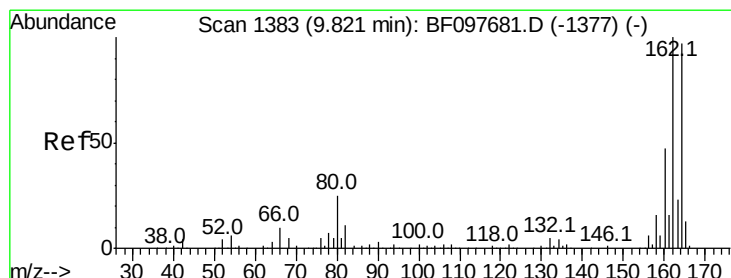
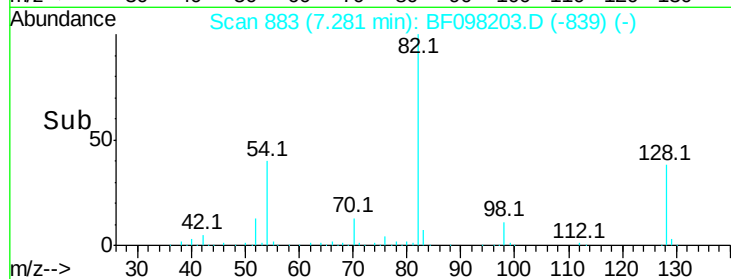
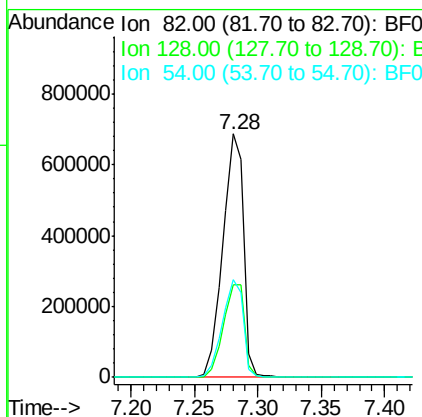
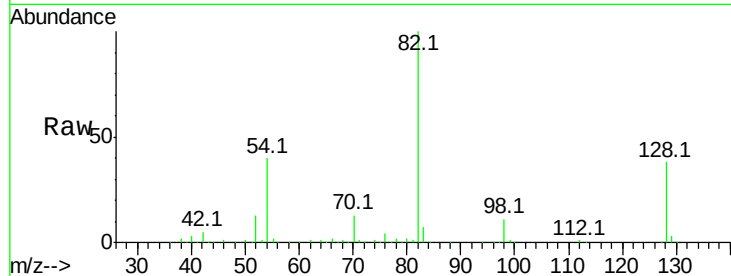




#23
 Nitrobenzene-d5
 Concen: 91.932 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.04 min
 Lab File: BF098203.D
 Acq: 31 Aug 2017 19:16

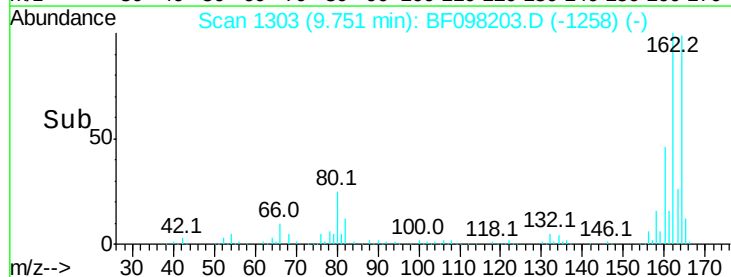
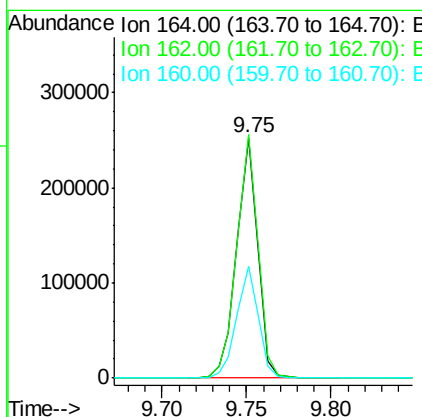
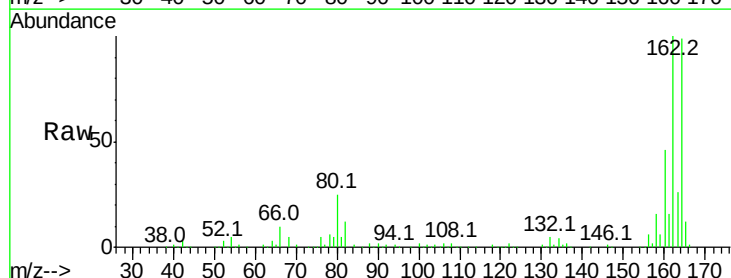
Instrument :
 BNA_F
 ClientSampleId :
 PB101916BL

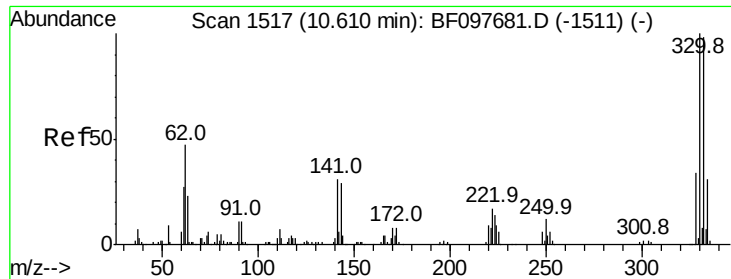
Tot Ion	82	Resp	781153
Ion Ratio	100	Lower	Upper
128	37.9	34.0	51.0
54	40.2	42.2	63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.04 min
 Lab File: BF098203.D
 Acq: 31 Aug 2017 19:16

Tgt Ion	164	Resp	220140
Ion Ratio	100	Lower	Upper
162	101.5	82.6	123.8
160	46.7	36.2	54.2

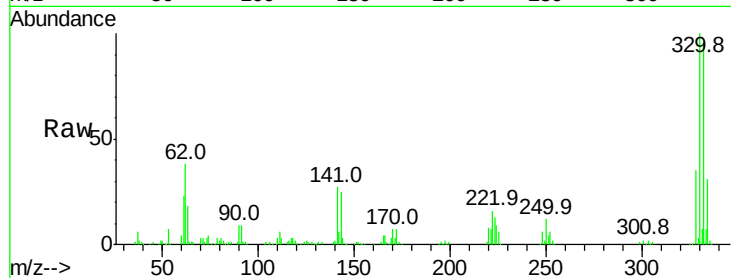




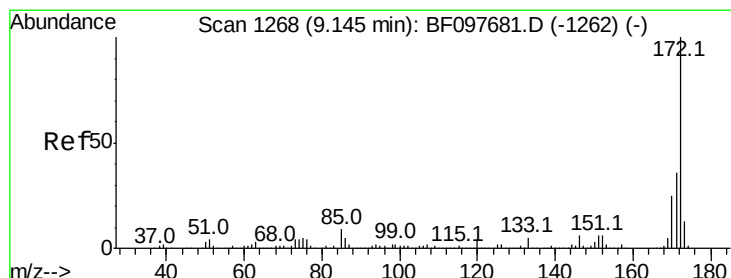
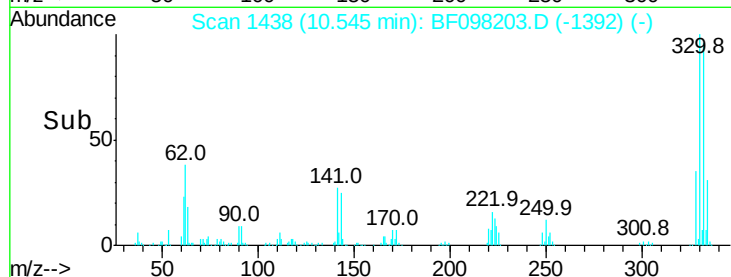
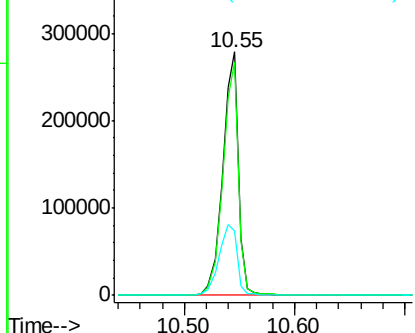
#41
 2,4,6-Tribromophenol
 Concen: 144.404 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.03 min
 Lab File: BF098203.D
 Acq: 31 Aug 2017 19:16

Instrument :
 BNA_F
 ClientSampleId :
 PB101916BL

Tot Ion:330 Resp: 275822
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 115.0
 141 33.8 31.4 47.2

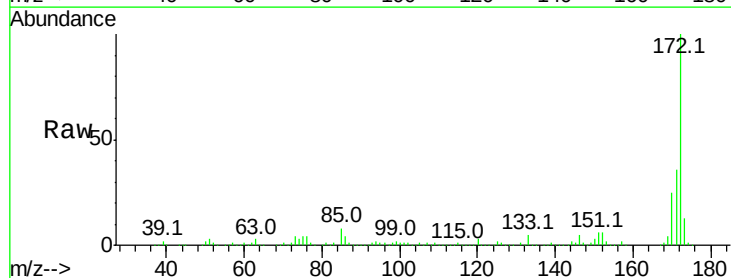


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

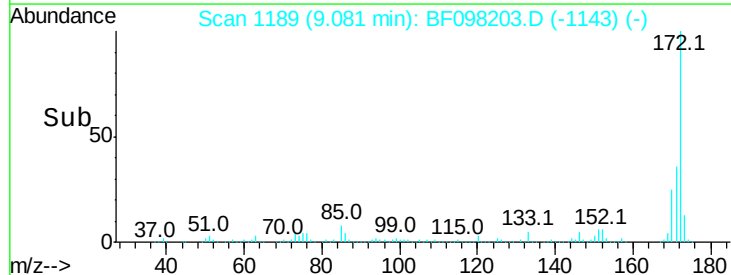
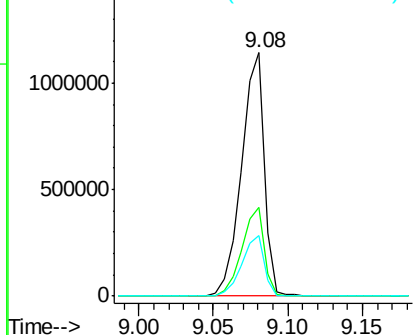


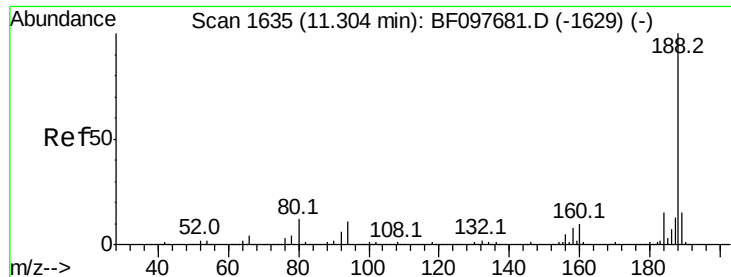
#44
 2-Fluorobiphenyl
 Concen: 80.807 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF098203.D
 Acq: 31 Aug 2017 19:16

Tgt Ion:172 Resp: 1210774
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 25.0 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: 11.23 min Scan# 1555

Delta R.T. -0.03 min

Lab File: BF098203.D

Acq: 31 Aug 2017 19:16

Instrument :

BNA_F

ClientSampleId :

PB101916BL

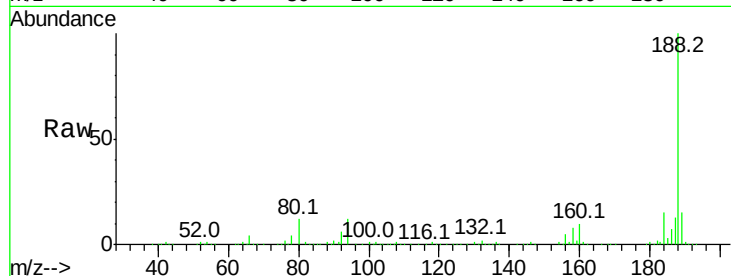
Tot Ion:188 Resp: 453323

Ion Ratio Lower Upper

188 100

94 11.5 9.4 14.2

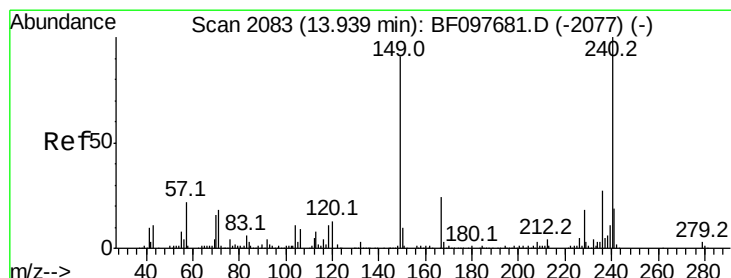
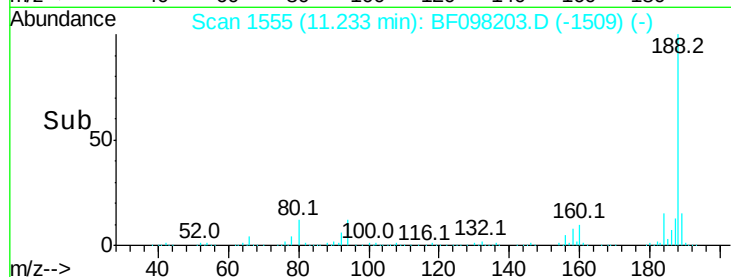
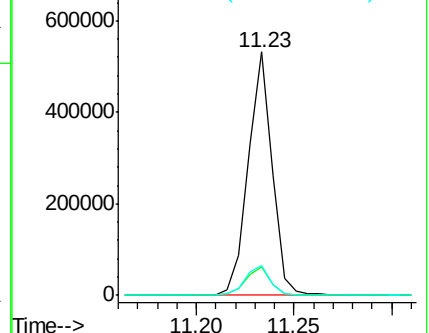
80 12.3 10.2 15.2



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: 13.86 min Scan# 2002

Delta R.T. -0.04 min

Lab File: BF098203.D

Acq: 31 Aug 2017 19:16

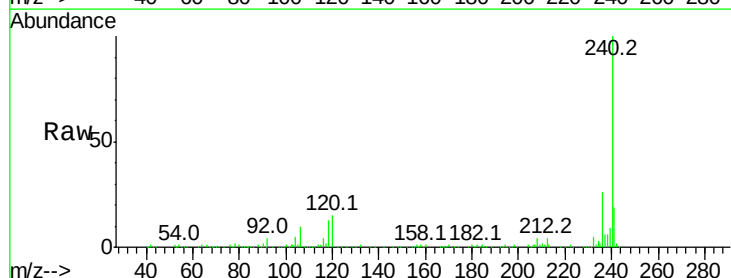
Tgt Ion:240 Resp: 367347

Ion Ratio Lower Upper

240 100

120 14.8 5.8 8.8#

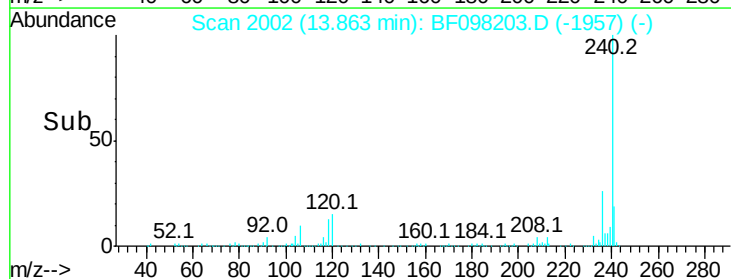
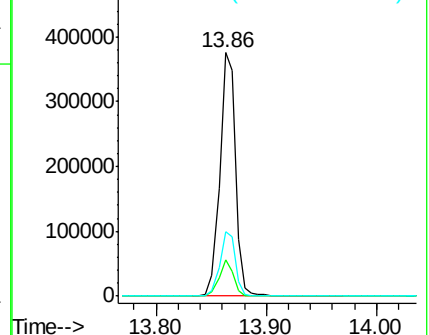
236 26.4 20.5 30.7

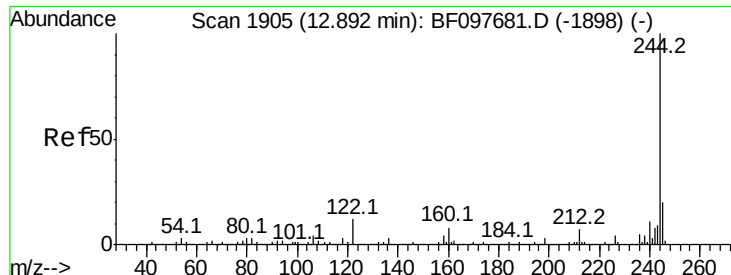


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 67.835 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.03 min

Lab File: BF098203.D

Acq: 31 Aug 2017 19:16

Instrument :

BNA_F

ClientSampleId :

PB101916BL

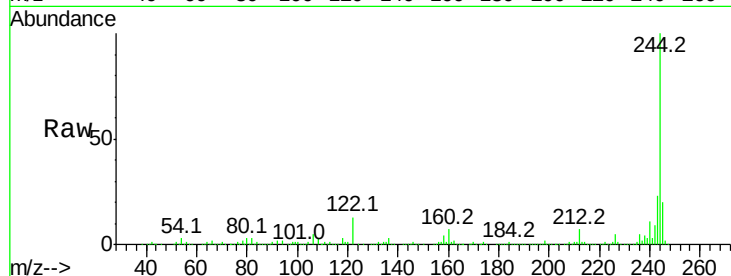
Tot Ion:244 Resp: 1194964

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

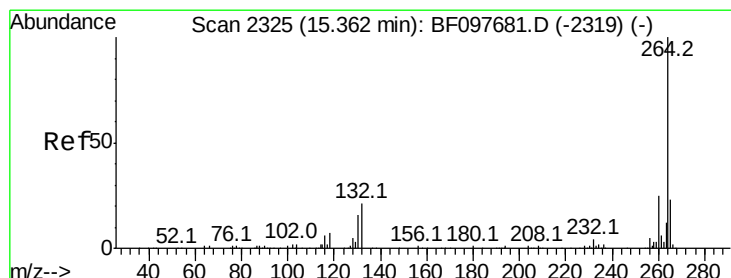
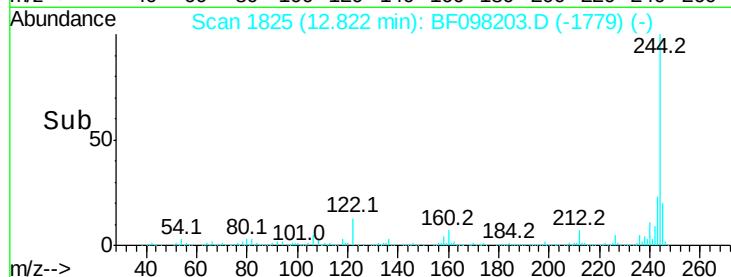
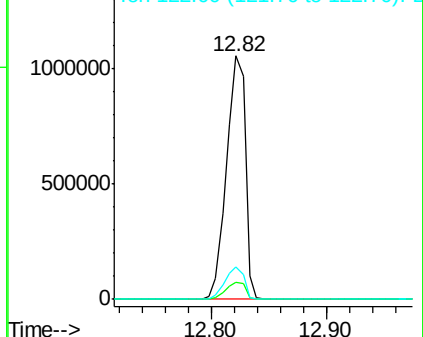
122 13.3 10.3 15.5



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: BF098203.D

Acq: 31 Aug 2017 19:16

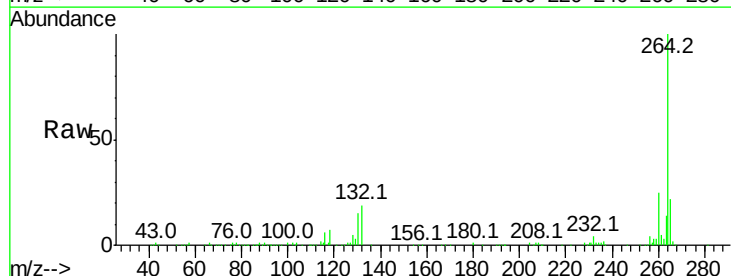
Tgt Ion:264 Resp: 268573

Ion Ratio Lower Upper

264 100

260 24.7 19.5 29.3

265 21.8 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

