

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083117\
 Data File : BF098209.D
 Acq On : 31 Aug 2017 22:03
 Operator : SJ/JU
 Sample : I4963-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3832-PA3-DUP

Quant Time: Sep 01 04:15:51 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	125565	20.00	ng	-0.04
21) Naphthalene-d8	8.00	136	515959	20.00	ng	-0.04
38) Acenaphthene-d10	9.75	164	239179	20.00	ng	-0.04
63) Phenanthrene-d10	11.23	188	450738	20.00	ng	-0.03
75) Chrysene-d12	13.87	240	288749	20.00	ng	-0.03
86) Perylene-d12	15.29	264	245235	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	463882	56.19	ng	-0.02
7) Phenol-d6	6.36	99	389514	34.73	ng	-0.03
23) Nitrobenzene-d5	7.29	82	880252	92.68	ng	-0.04
41) 2,4,6-Tribromophenol	10.55	330	277947	133.93	ng	-0.03
44) 2-Fluorobiphenyl	9.08	172	1319669	81.06	ng	-0.03
78) Terphenyl-d14	12.83	244	1107704	80.00	ng	-0.02

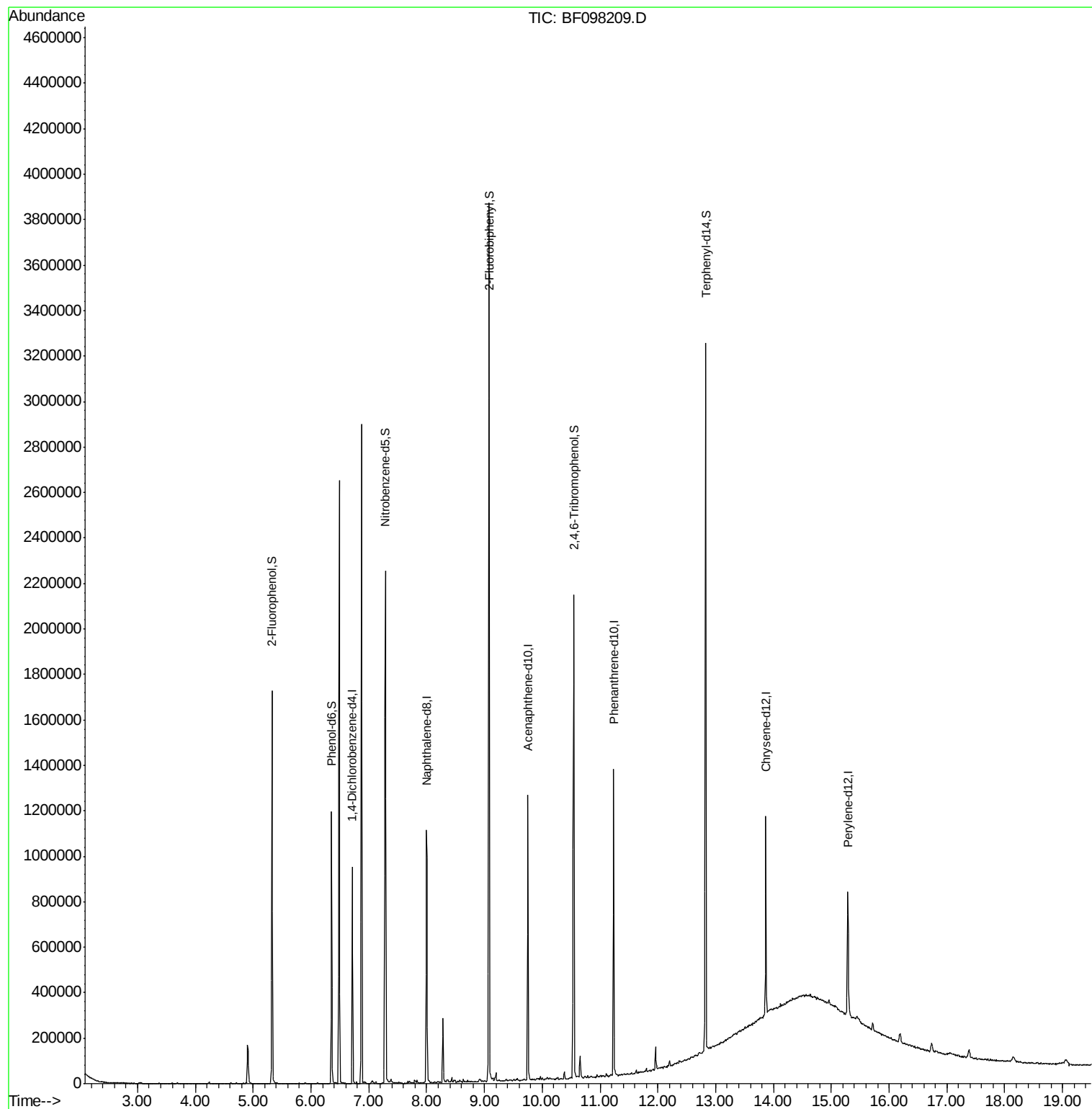
Target Compounds Qvalue

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

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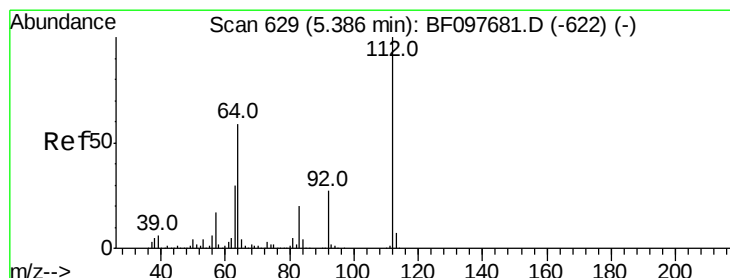
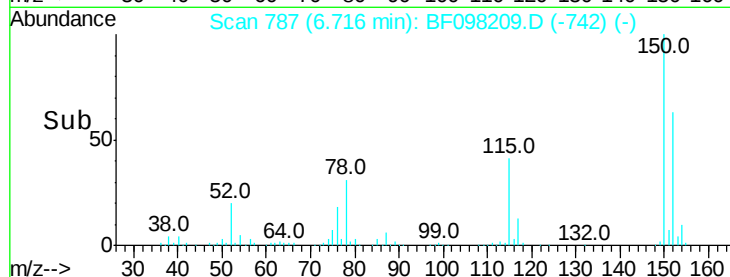
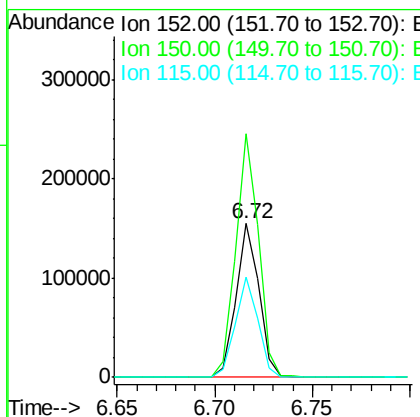
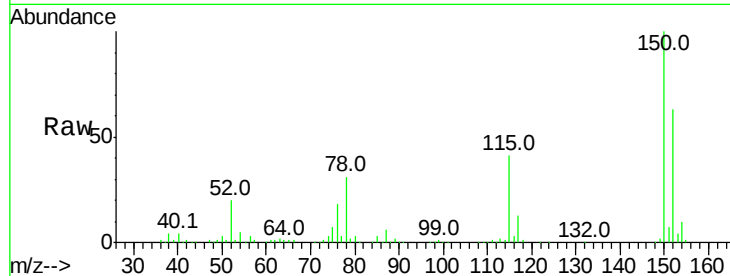


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.04 min
 Lab File: BF098209.D
 Acq: 31 Aug 2017 22:03

Instrument :
 BNA_F
 ClientSampleId :
 3832-PA3-DUP

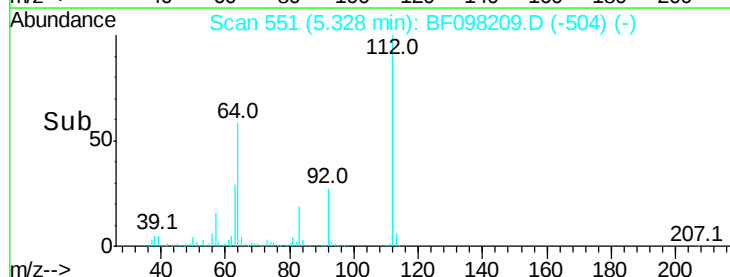
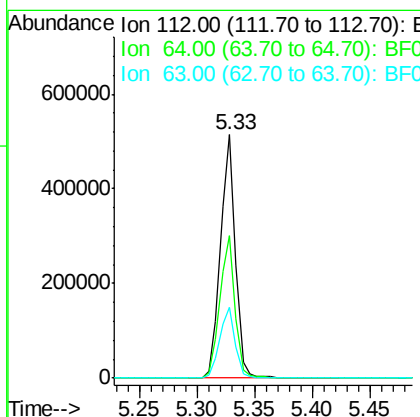
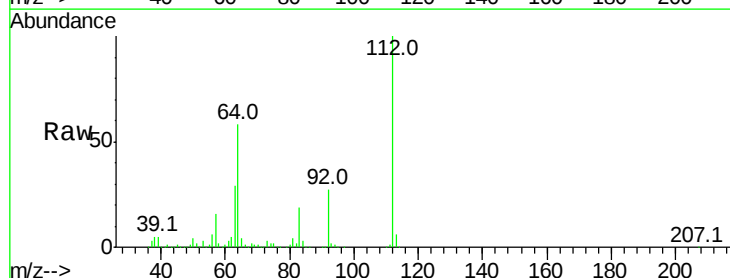
Tot Ion:152 Resp: 125565
 Ion Ratio Lower Upper
 152 100
 150 158.4 126.2 189.2
 115 65.1 52.2 78.2

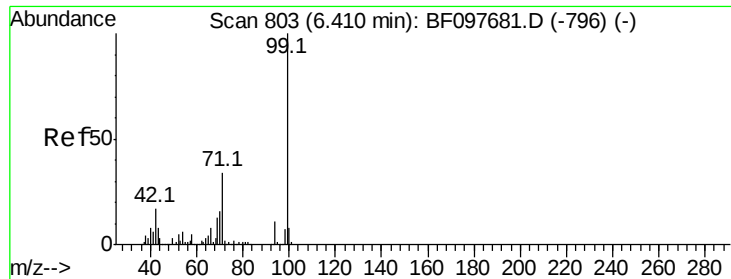


#5

2-Fluorophenol
 Concen: 56.194 ng
 RT: 5.33 min Scan# 551
 Delta R.T. -0.02 min
 Lab File: BF098209.D
 Acq: 31 Aug 2017 22:03

Tgt Ion:112 Resp: 463882
 Ion Ratio Lower Upper
 112 100
 64 58.3 46.0 69.0
 63 28.9 23.4 35.0





#7

Phenol-d6

Concen: 34.728 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF098209.D

Acq: 31 Aug 2017 22:03

Instrument :

BNA_F

ClientSampleId :

3832-PA3-DUP

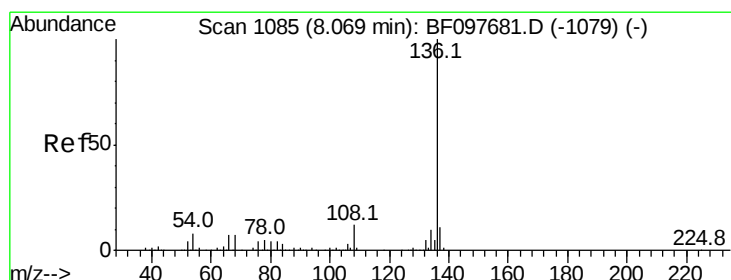
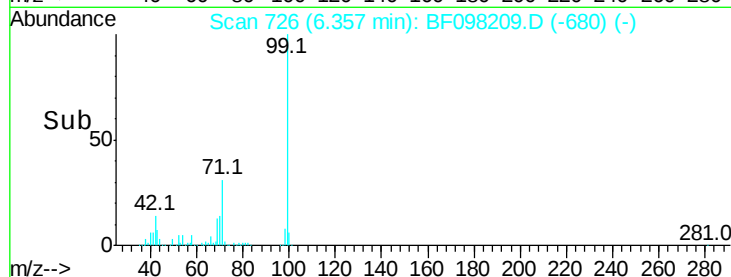
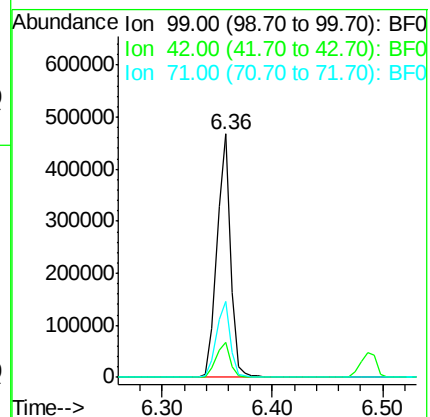
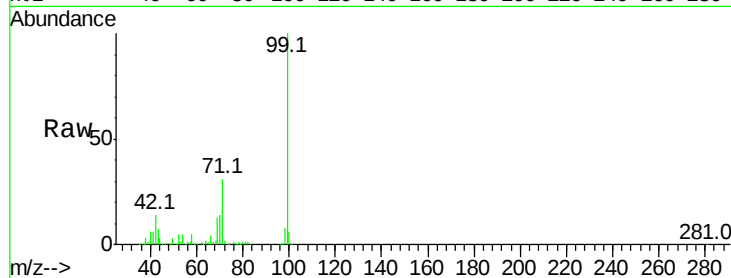
Tot Ion: 99 Resp: 389514

Ion Ratio Lower Upper

99 100

42 14.5 13.5 20.3

71 31.1 24.5 36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.04 min

Lab File: BF098209.D

Acq: 31 Aug 2017 22:03

Tgt Ion: 136 Resp: 515959

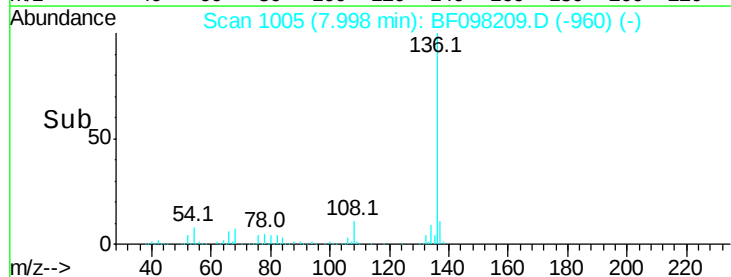
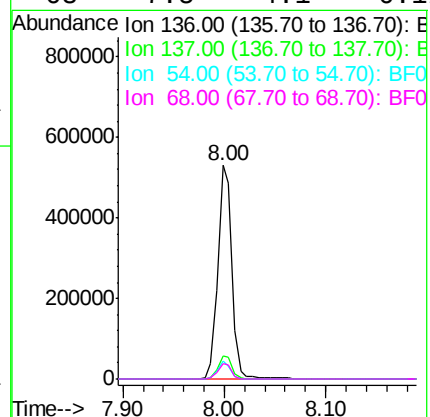
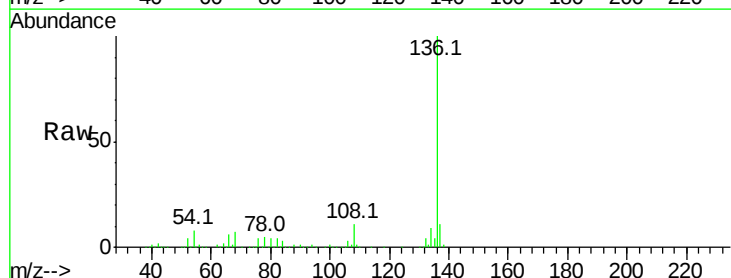
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 8.3 4.9 7.3#

68 7.5 4.1 6.1#

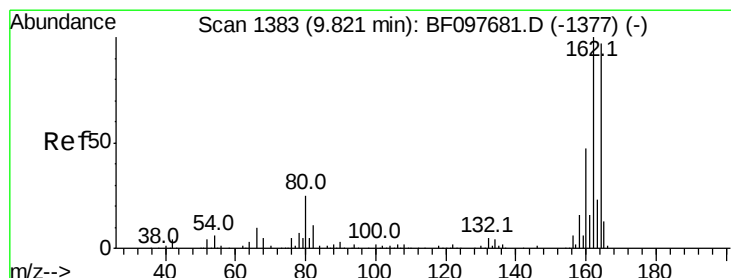
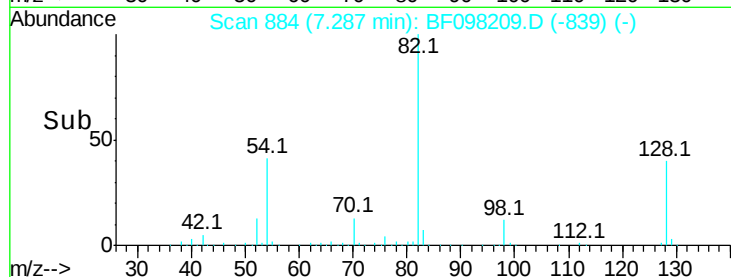
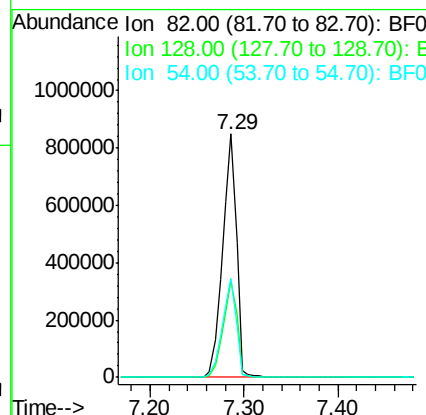
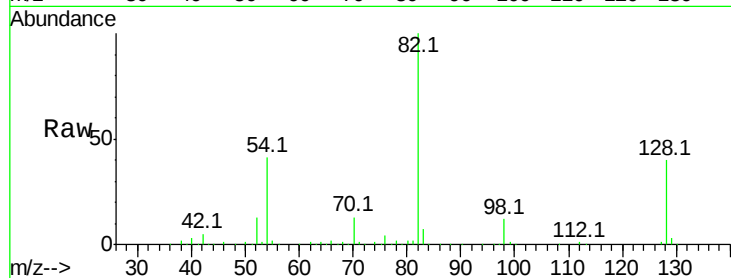




#23
 Nitrobenzene-d5
 Concen: 92.680 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.04 min
 Lab File: BF098209.D
 Acq: 31 Aug 2017 22:03

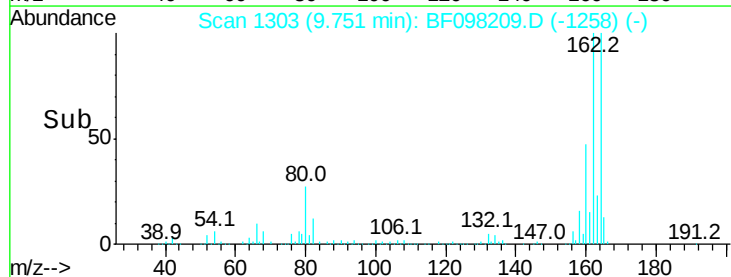
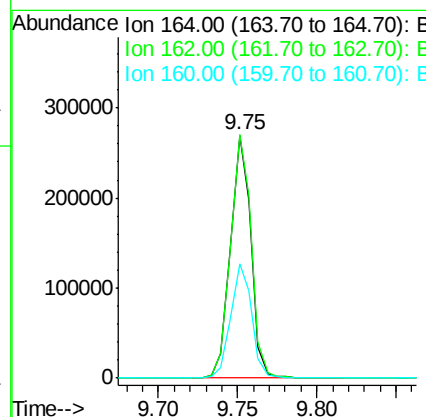
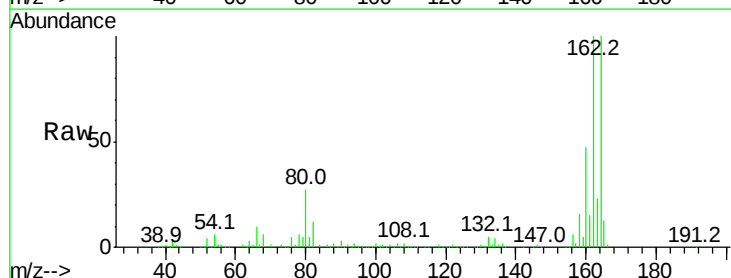
Instrument :
 BNA_F
 ClientSampleId :
 3832-PA3-DUP

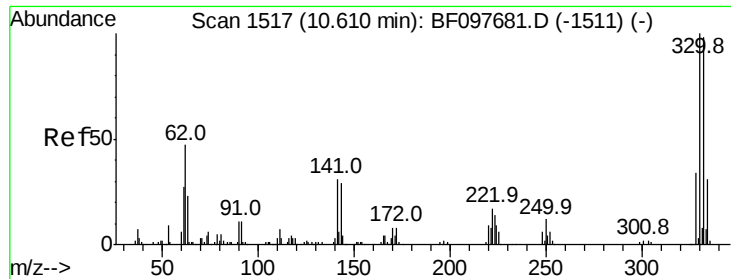
Tot Ion: 82 Resp: 880252
 Ion Ratio Lower Upper
 82 100
 128 39.5 34.0 51.0
 54 40.7 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.04 min
 Lab File: BF098209.D
 Acq: 31 Aug 2017 22:03

Tgt Ion:164 Resp: 239179
 Ion Ratio Lower Upper
 164 100
 162 100.5 82.6 123.8
 160 47.0 36.2 54.2

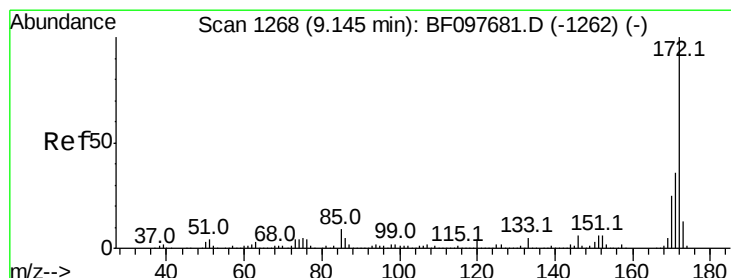
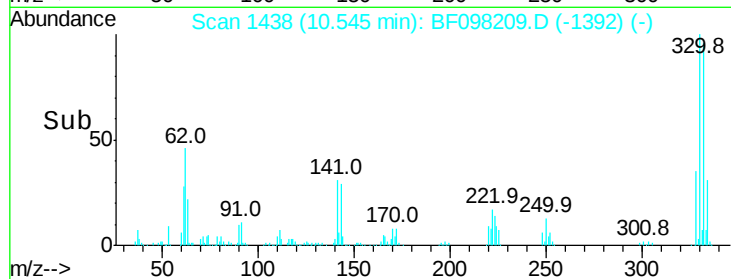
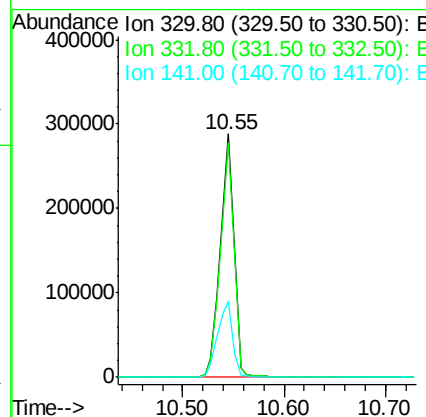
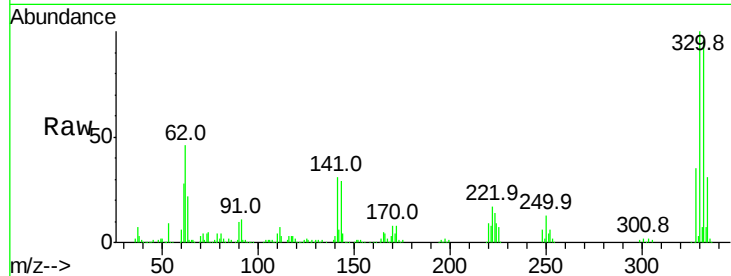




#41
 2,4,6-Tribromophenol
 Concen: 133.933 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.03 min
 Lab File: BF098209.D
 Acq: 31 Aug 2017 22:03

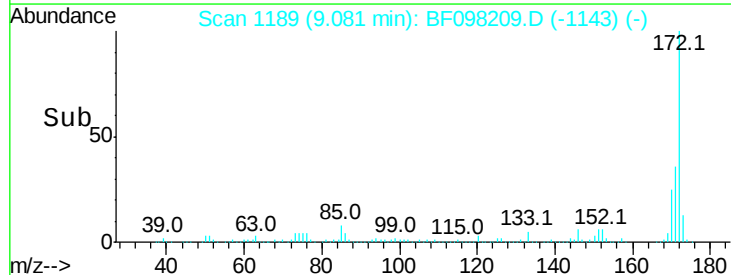
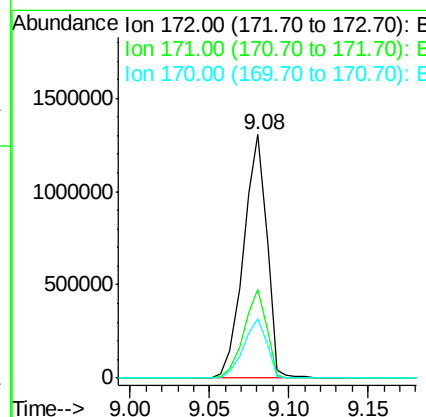
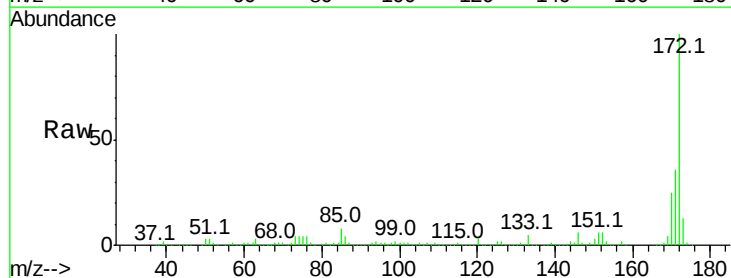
Instrument :
 BNA_F
 ClientSampleId :
 3832-PA3-DUP

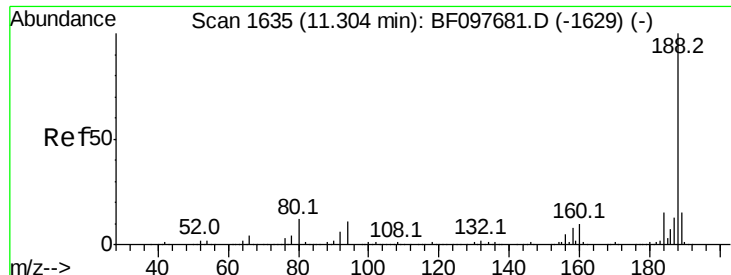
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	115.0
141	34.4	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 81.063 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF098209.D
 Acq: 31 Aug 2017 22:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.6	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: BF098209.D

Acq: 31 Aug 2017 22:03

Instrument :

BNA_F

ClientSampleId :

3832-PA3-DUP

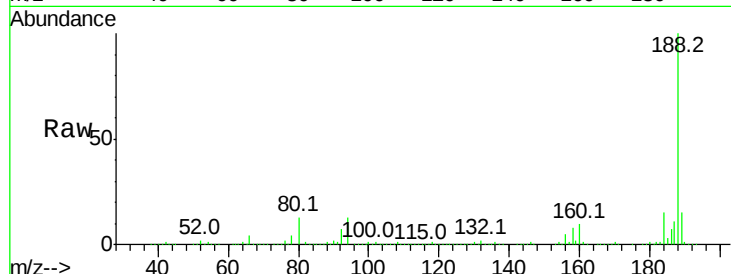
Tot Ion:188 Resp: 450738

Ion Ratio Lower Upper

188 100

94 12.5 9.4 14.2

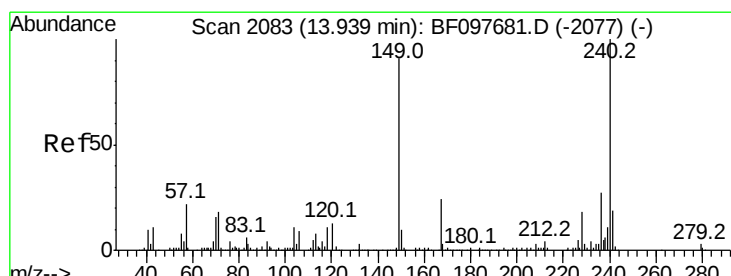
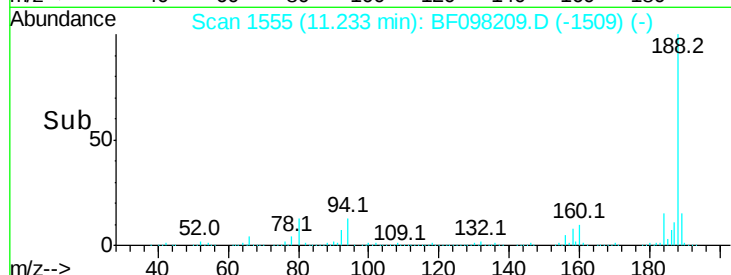
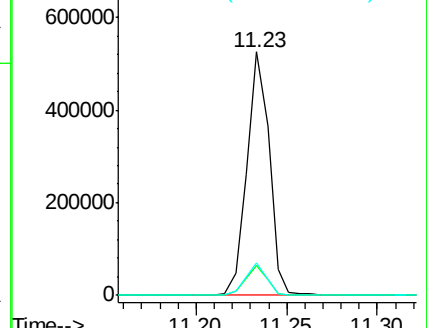
80 13.4 10.2 15.2



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: BF098209.D

Acq: 31 Aug 2017 22:03

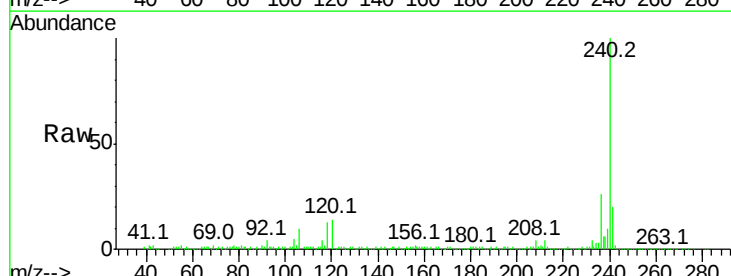
Tgt Ion:240 Resp: 288749

Ion Ratio Lower Upper

240 100

120 14.4 5.8 8.8#

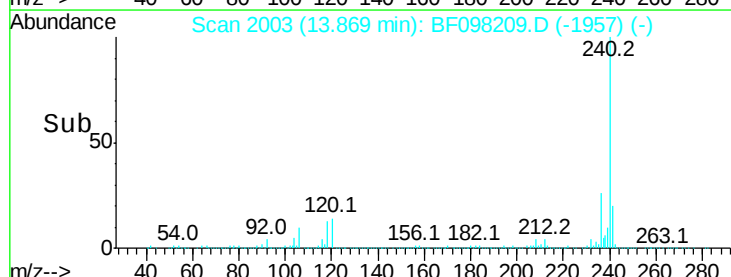
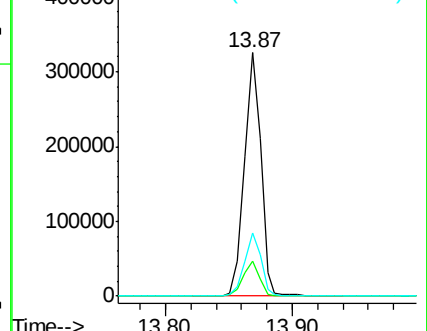
236 26.1 20.5 30.7

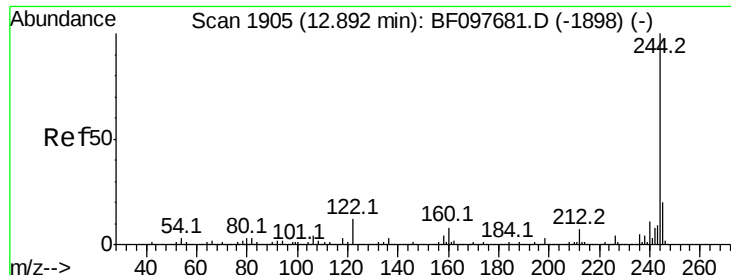


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 79.998 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF098209.D

Acq: 31 Aug 2017 22:03

Instrument :

BNA_F

ClientSampleId :

3832-PA3-DUP

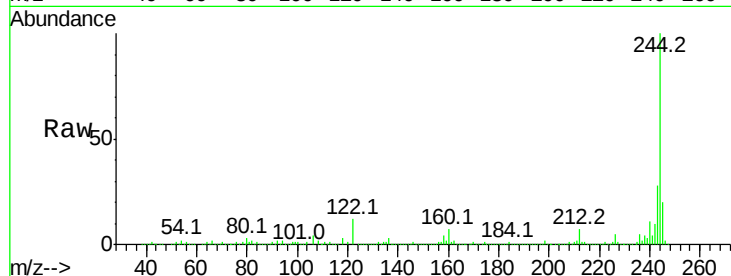
Tot Ion:244 Resp: 1107704

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

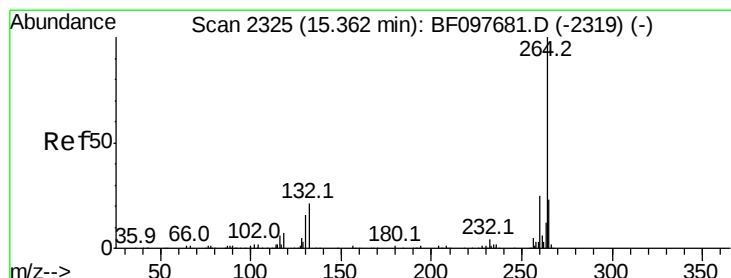
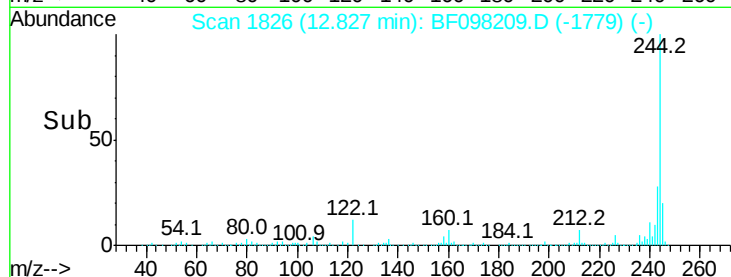
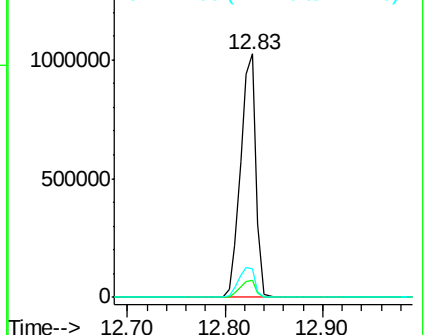
122 12.0 10.3 15.5



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: 15.29 min Scan# 2244

Delta R.T. -0.02 min

Lab File: BF098209.D

Acq: 31 Aug 2017 22:03

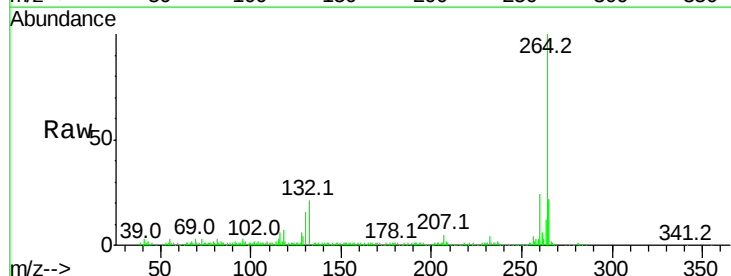
Tgt Ion:264 Resp: 245235

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

265 22.1 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

