

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083117\
 Data File : BF098204.D
 Acq On : 31 Aug 2017 19:44
 Operator : SJ/JU
 Sample : PB101939BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101939BL

Quant Time: Sep 01 03:05:41 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	117885	20.00	ng	-0.04
21) Naphthalene-d8	8.00	136	479668	20.00	ng	-0.04
38) Acenaphthene-d10	9.75	164	224354	20.00	ng	-0.04
63) Phenanthrene-d10	11.23	188	461081	20.00	ng	-0.03
75) Chrysene-d12	13.86	240	363481	20.00	ng	-0.04
86) Perylene-d12	15.27	264	262311	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	818038	105.55	ng	-0.02
7) Phenol-d6	6.36	99	1088393	103.36	ng	-0.03
23) Nitrobenzene-d5	7.28	82	678007	76.79	ng	-0.04
41) 2,4,6-Tribromophenol	10.54	330	236281	121.38	ng	-0.04
44) 2-Fluorobiphenyl	9.08	172	1069104	70.01	ng	-0.03
78) Terphenyl-d14	12.82	244	1043310	59.86	ng	-0.03

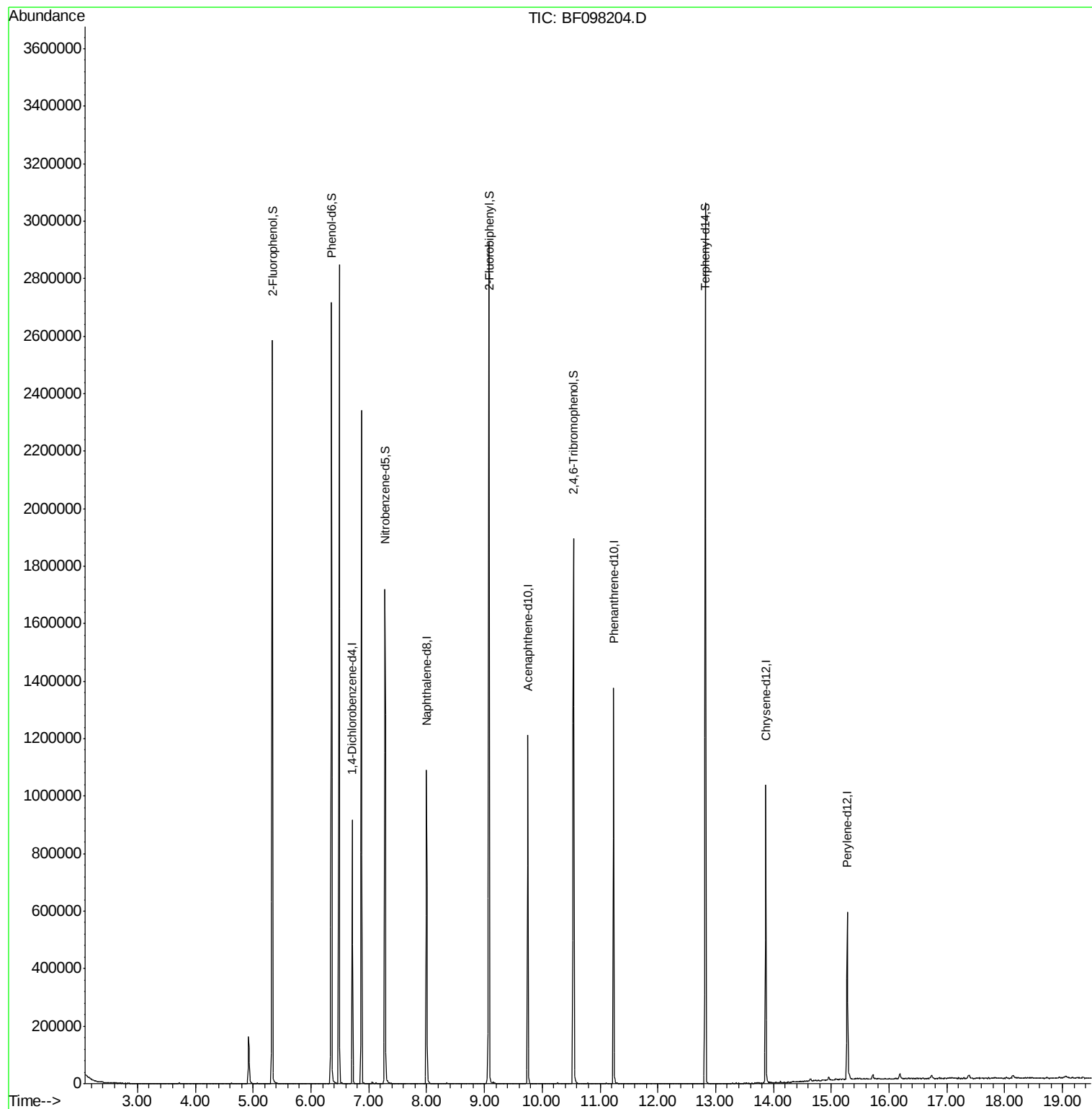
Target Compounds Qvalue

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

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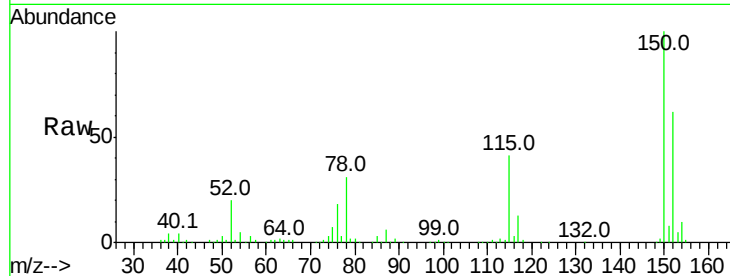


#1

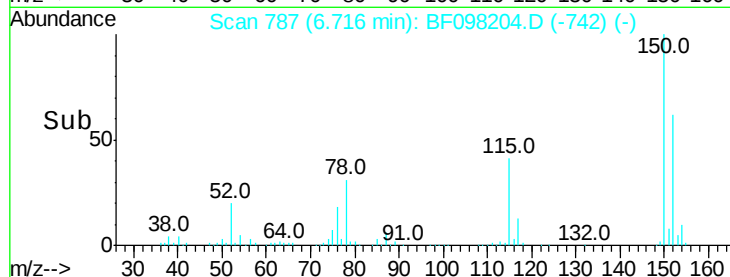
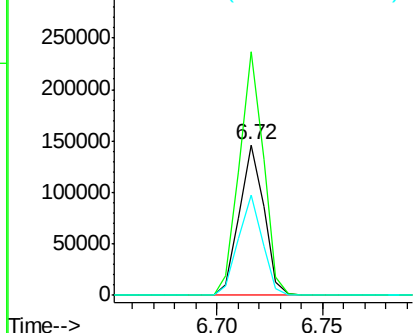
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.04 min
 Lab File: BF098204.D
 Acq: 31 Aug 2017 19:44

Instrument :
 BNA_F
 ClientSampleId :
 PB101939BL

Tot Ion:152 Resp: 117885
 Ion Ratio Lower Upper
 152 100
 150 161.6 126.2 189.2
 115 66.8 52.2 78.2



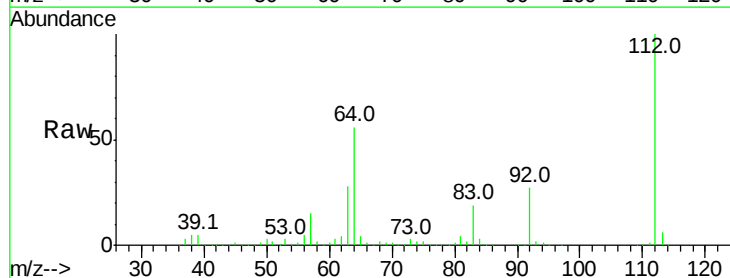
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



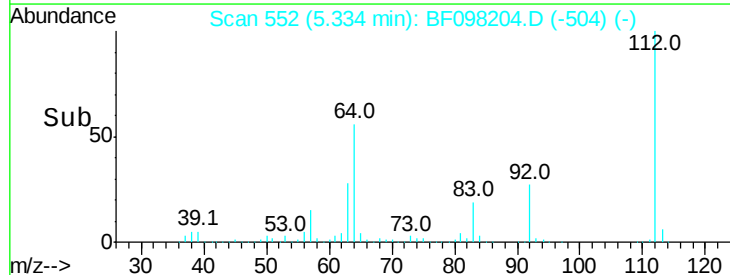
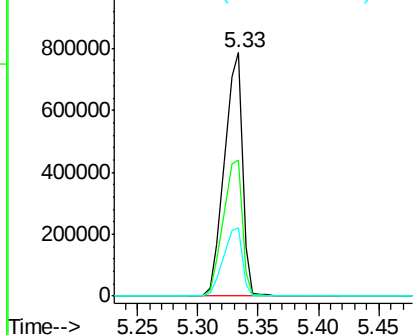
#5

2-Fluorophenol
 Concen: 105.552 ng
 RT: 5.33 min Scan# 552
 Delta R.T. -0.02 min
 Lab File: BF098204.D
 Acq: 31 Aug 2017 19:44

Tgt Ion:112 Resp: 818038
 Ion Ratio Lower Upper
 112 100
 64 56.0 46.0 69.0
 63 27.9 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: 103.359 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF098204.D

Acq: 31 Aug 2017 19:44

Instrument :

BNA_F

ClientSampled :

PB101939BL

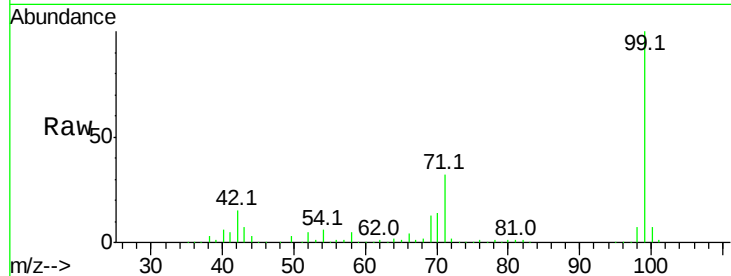
Tot Ion: 99 Resp: 1088393

Ion Ratio Lower Upper

99 100

42 14.5 13.5 20.3

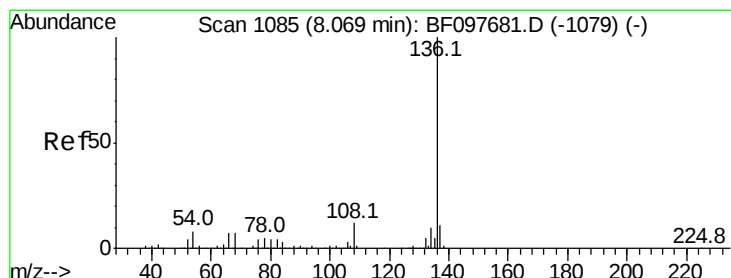
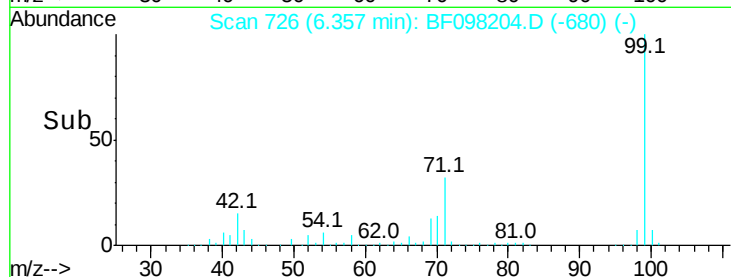
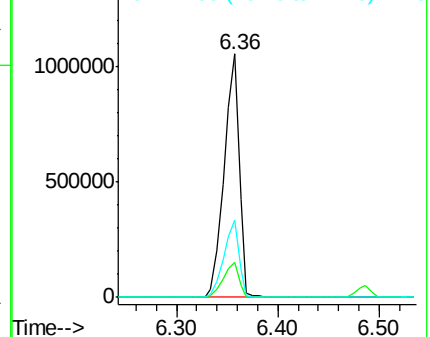
71 31.9 24.5 36.7



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: BF098204.D

Acq: 31 Aug 2017 19:44

Tgt Ion: 136 Resp: 479668

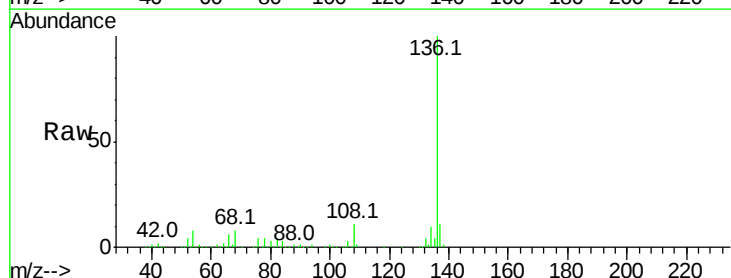
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.6 4.9 7.3#

68 7.6 4.1 6.1#

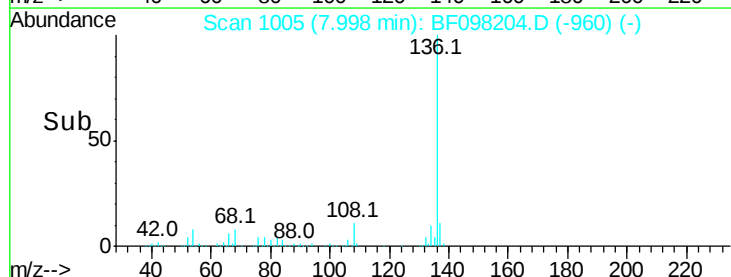
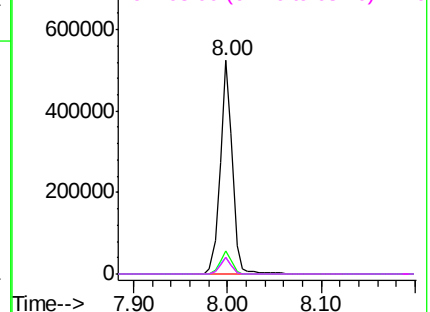


Abundance Ion 136.00 (135.70 to 136.70): E

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

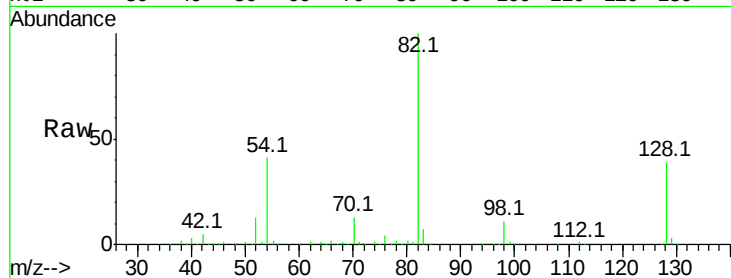




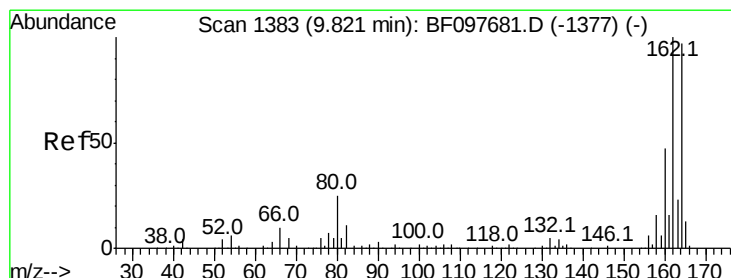
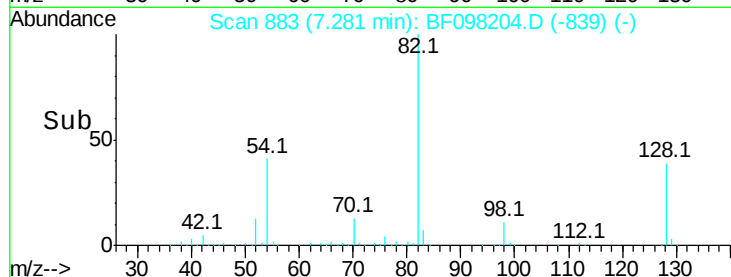
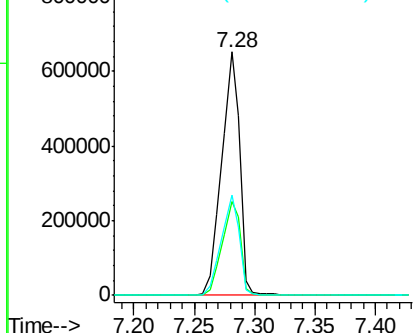
#23
 Nitrobenzene-d5
 Concen: 76.787 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.04 min
 Lab File: BF098204.D
 Acq: 31 Aug 2017 19:44

Instrument :
 BNA_F
 ClientSampleId :
 PB101939BL

Tot Ion: 82 Resp: 678007
 Ion Ratio Lower Upper
 82 100
 128 38.5 34.0 51.0
 54 41.1 42.2 63.2#

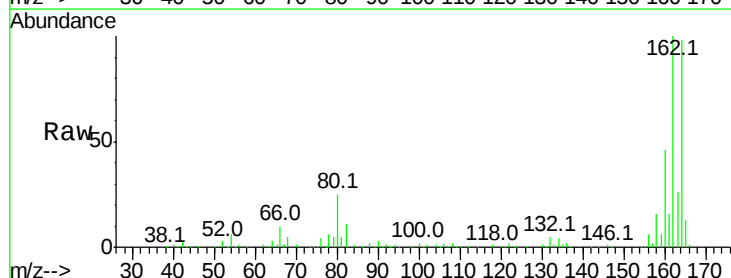


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

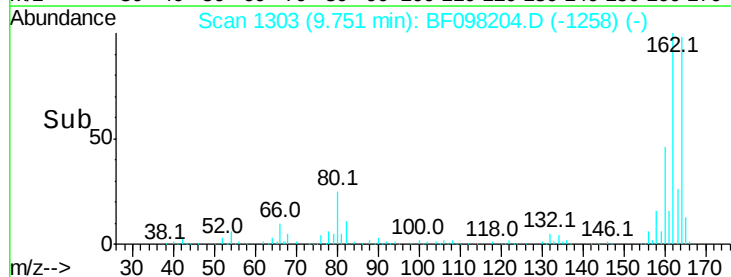
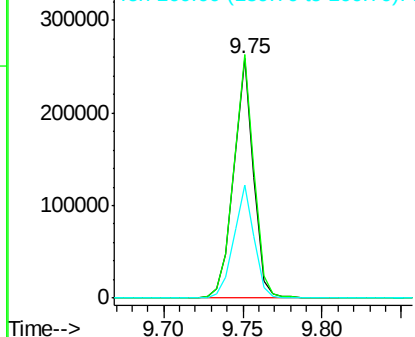


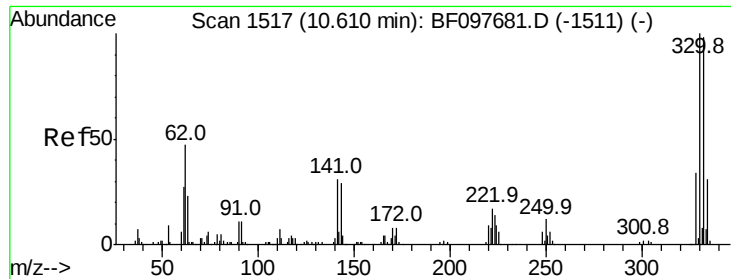
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.04 min
 Lab File: BF098204.D
 Acq: 31 Aug 2017 19:44

Tgt Ion: 164 Resp: 224354
 Ion Ratio Lower Upper
 164 100
 162 101.8 82.6 123.8
 160 47.1 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

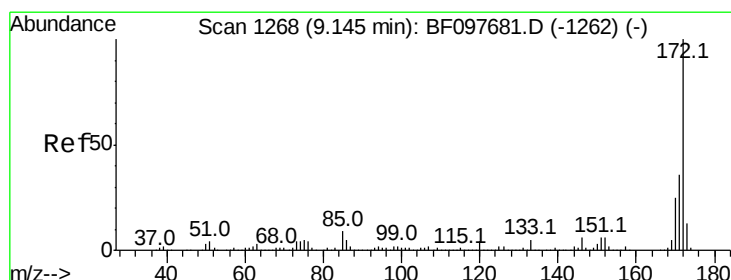
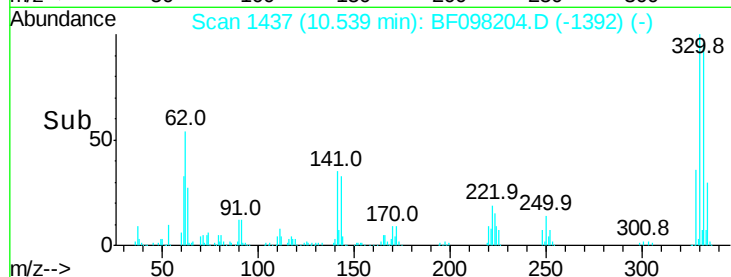
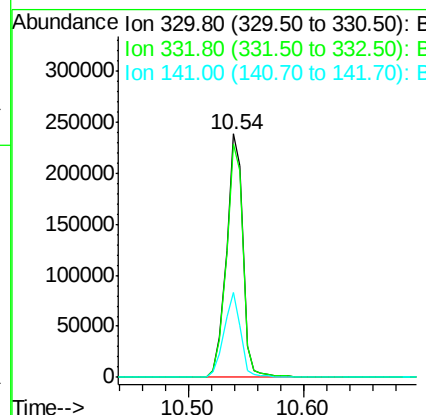
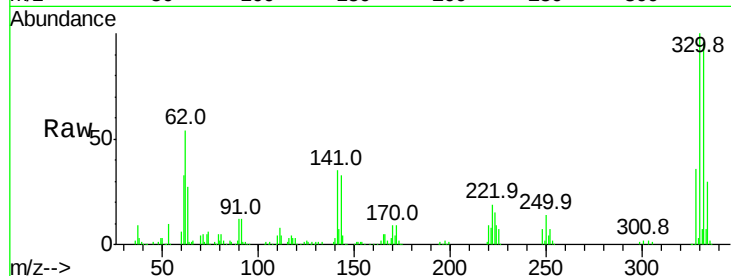




#41
 2,4,6-Tribromophenol
 Concen: 121.379 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.04 min
 Lab File: BF098204.D
 Acq: 31 Aug 2017 19:44

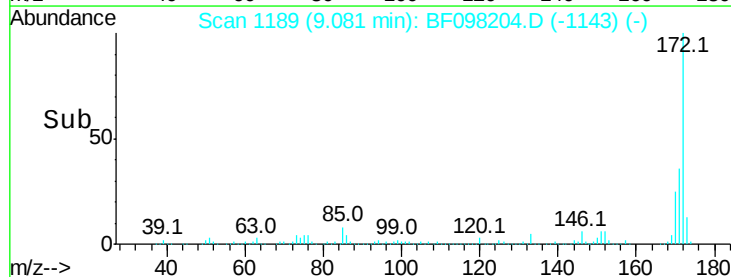
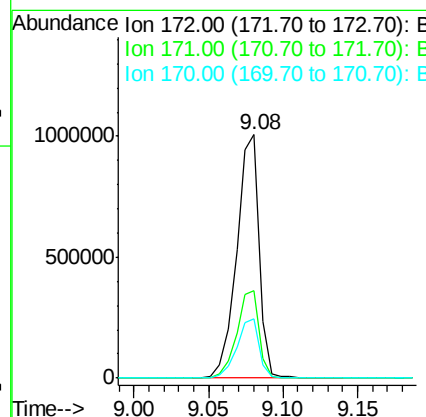
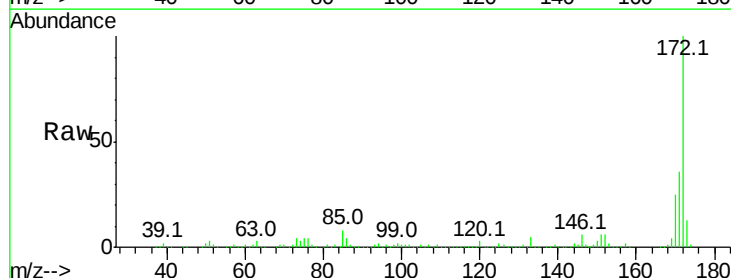
Instrument :
 BNA_F
 ClientSampleId :
 PB101939BL

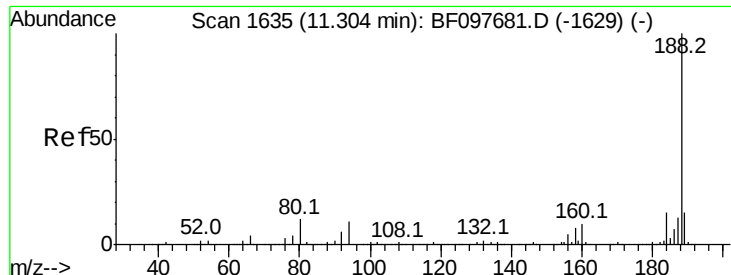
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	115.0
141	35.3	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 70.011 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF098204.D
 Acq: 31 Aug 2017 19:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	24.5	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: BF098204.D

Acq: 31 Aug 2017 19:44

Instrument :

BNA_F

ClientSampleId :

PB101939BL

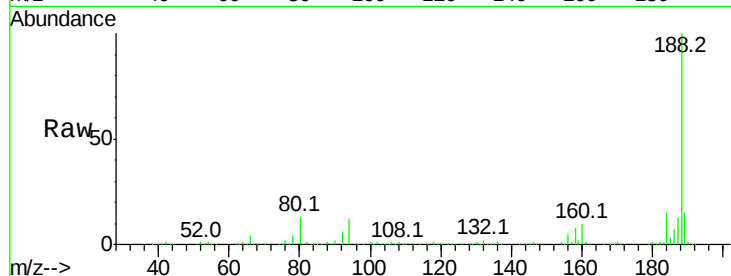
Tot Ion:188 Resp: 461081

Ion Ratio Lower Upper

188 100

94 12.0 9.4 14.2

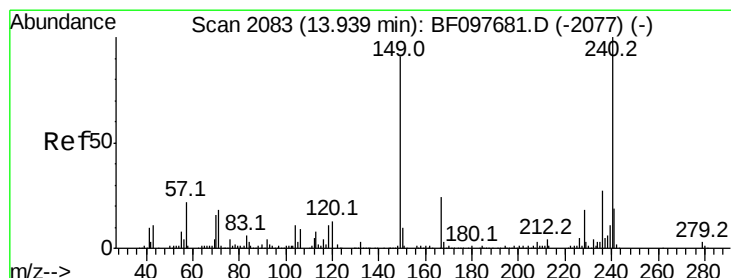
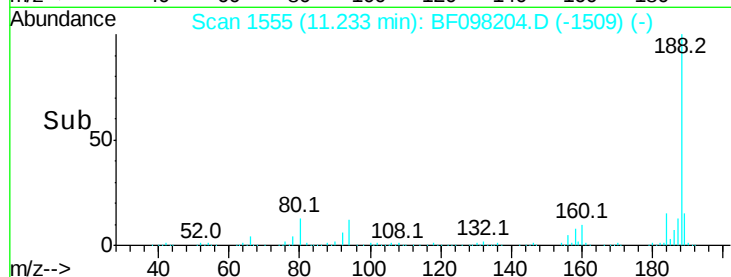
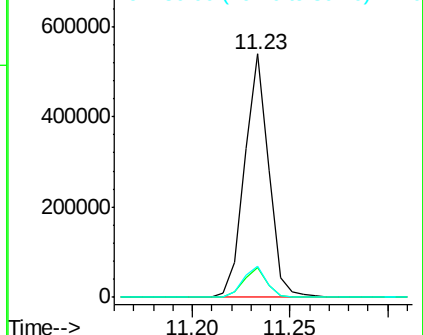
80 12.7 10.2 15.2



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: BF098204.D

Acq: 31 Aug 2017 19:44

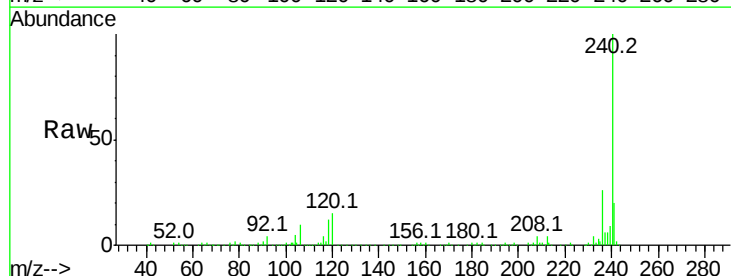
Tgt Ion:240 Resp: 363481

Ion Ratio Lower Upper

240 100

120 14.6 5.8 8.8#

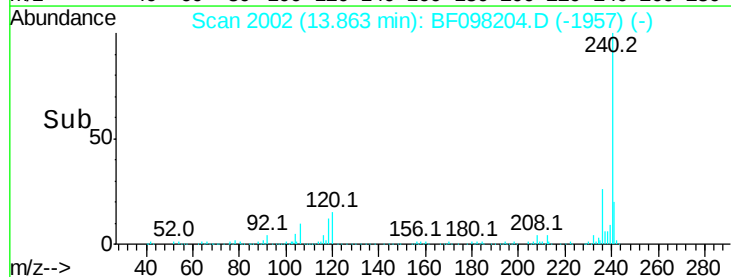
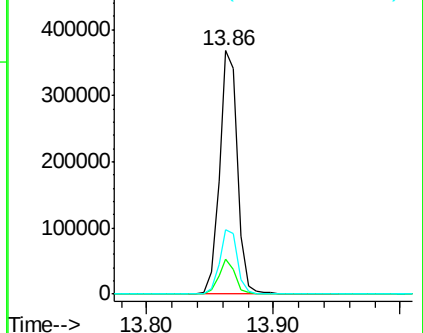
236 26.4 20.5 30.7

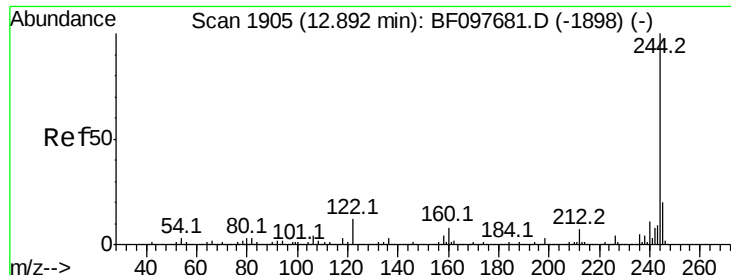


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 59.856 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.03 min

Lab File: BF098204.D

Acq: 31 Aug 2017 19:44

Instrument :

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ClientSampleId :

PB101939BL

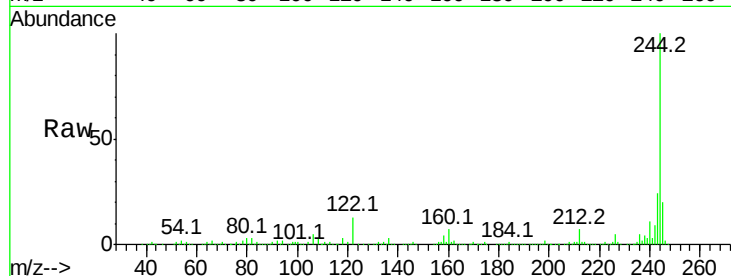
Tot Ion:244 Resp: 1043310

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

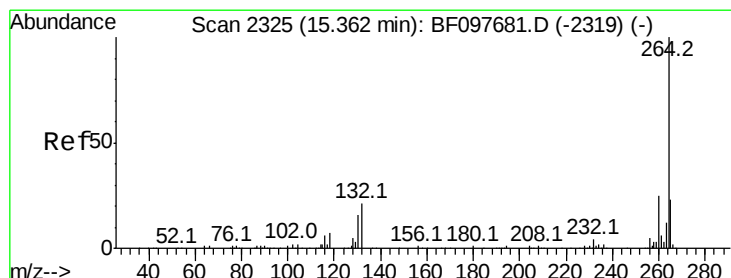
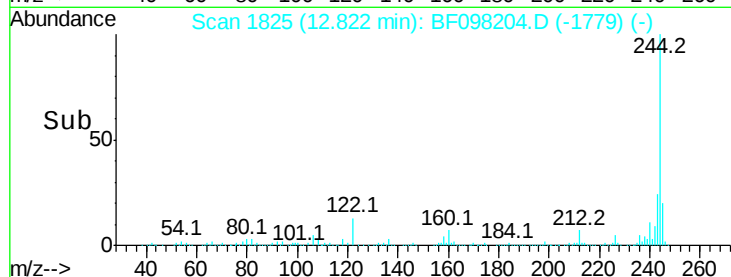
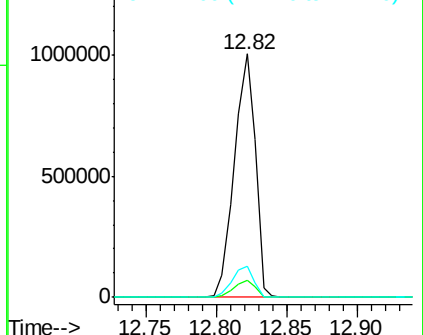
122 12.6 10.3 15.5



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: 15.27 min Scan# 2242

Delta R.T. -0.04 min

Lab File: BF098204.D

Acq: 31 Aug 2017 19:44

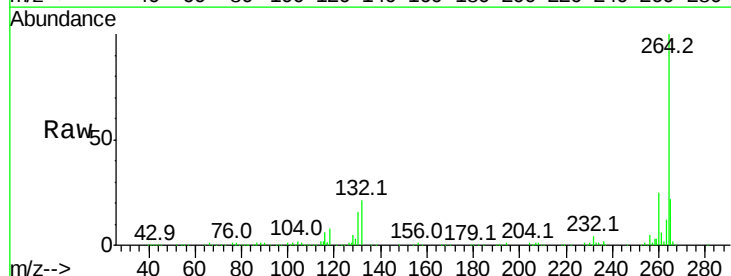
Tgt Ion:264 Resp: 262311

Ion Ratio Lower Upper

264 100

260 24.7 19.5 29.3

265 22.0 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

