

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083117\
 Data File : BF098208.D
 Acq On : 31 Aug 2017 21:36
 Operator : SJ/JU
 Sample : I4963-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3820-PP1

Quant Time: Sep 01 04:11:09 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	128534	20.00	ng	-0.04
21) Naphthalene-d8	8.00	136	520547	20.00	ng	-0.04
38) Acenaphthene-d10	9.75	164	246826	20.00	ng	-0.04
63) Phenanthrene-d10	11.23	188	502906	20.00	ng	-0.03
75) Chrysene-d12	13.87	240	371700	20.00	ng	-0.03
86) Perylene-d12	15.28	264	254222	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	557646	65.99	ng	-0.02
7) Phenol-d6	6.36	99	478292	41.66	ng	-0.03
23) Nitrobenzene-d5	7.29	82	951044	99.25	ng	-0.04
41) 2,4,6-Tribromophenol	10.55	330	323901	151.24	ng	-0.03
44) 2-Fluorobiphenyl	9.08	172	1420390	84.55	ng	-0.03
78) Terphenyl-d14	12.83	244	1383874	77.64	ng	-0.02

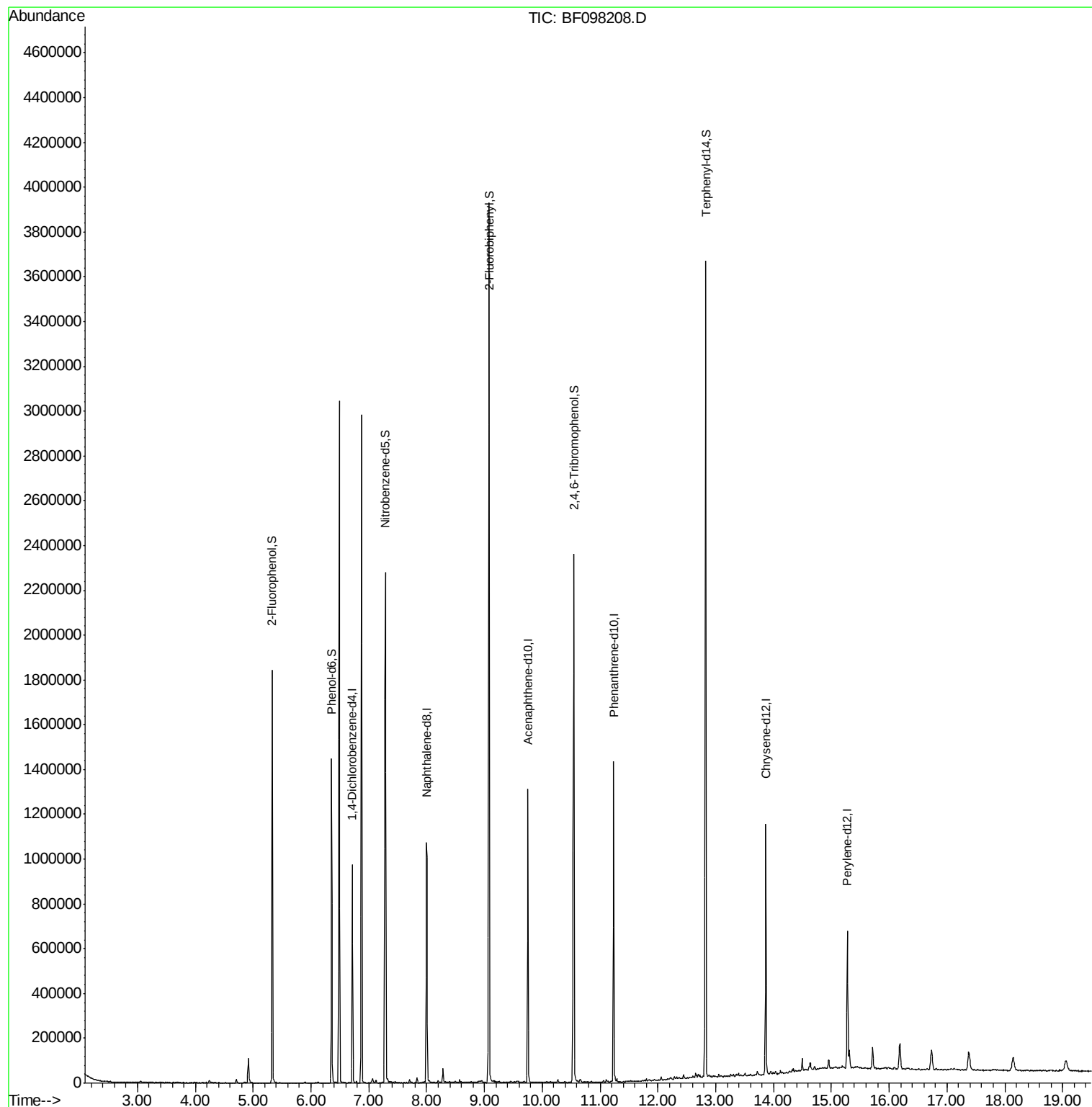
Target Compounds Qvalue

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

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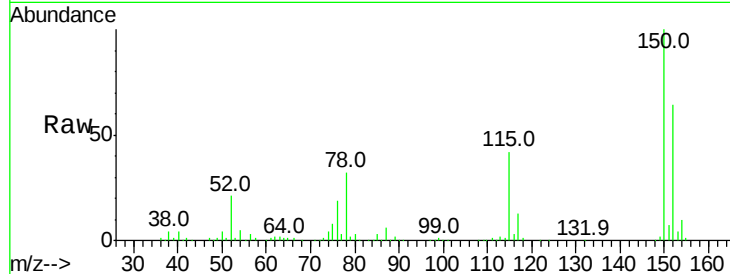


#1

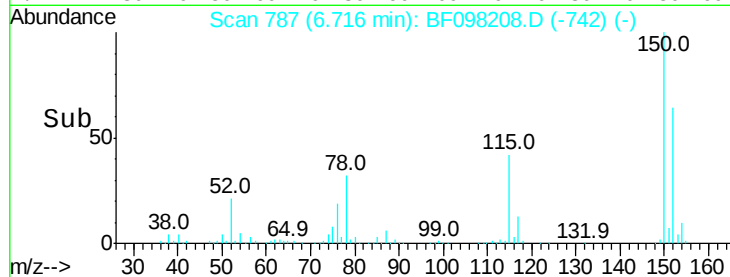
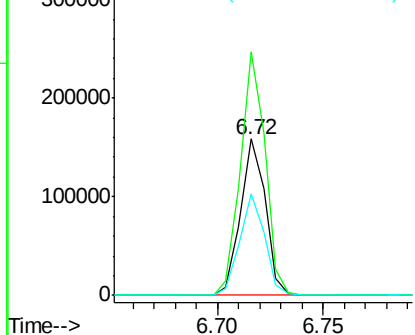
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.04 min
 Lab File: BF098208.D
 Acq: 31 Aug 2017 21:36

Instrument :
 BNA_F
 ClientSampleId :
 3820-PP1

Tot Ion:152 Resp: 128534
 Ion Ratio Lower Upper
 152 100
 150 155.6 126.2 189.2
 115 65.1 52.2 78.2



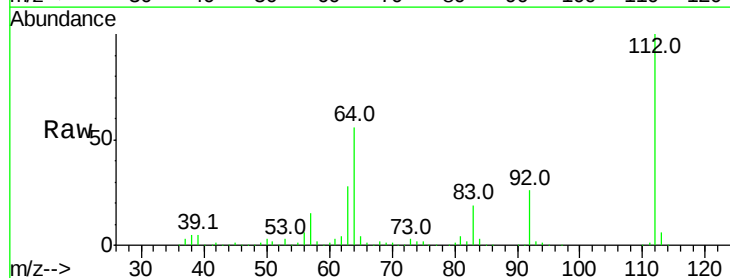
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



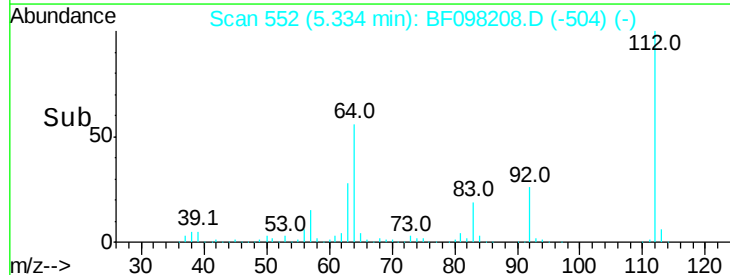
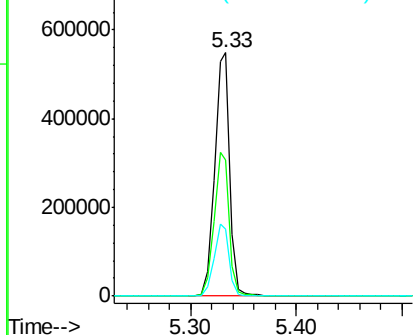
#5

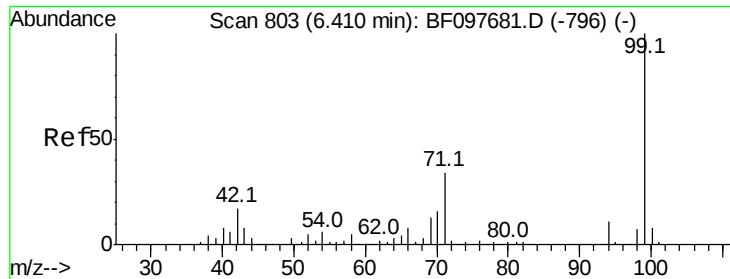
2-Fluorophenol
 Concen: 65.992 ng
 RT: 5.33 min Scan# 552
 Delta R.T. -0.02 min
 Lab File: BF098208.D
 Acq: 31 Aug 2017 21:36

Tgt Ion:112 Resp: 557646
 Ion Ratio Lower Upper
 112 100
 64 56.2 46.0 69.0
 63 27.7 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: 41.658 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF098208.D

Acq: 31 Aug 2017 21:36

Instrument :

BNA_F

ClientSampleId :

3820-PP1

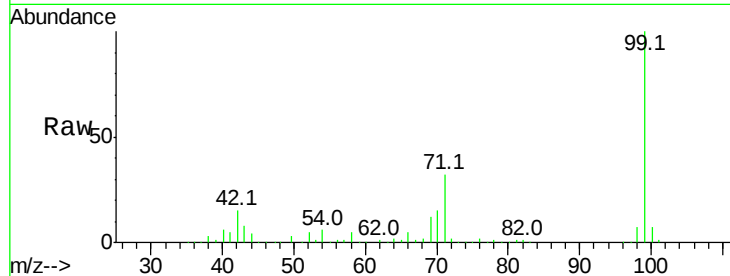
Tot Ion: 99 Resp: 478292

Ion Ratio Lower Upper

99 100

42 15.2 13.5 20.3

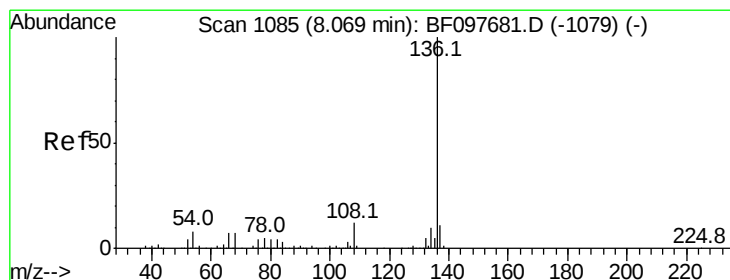
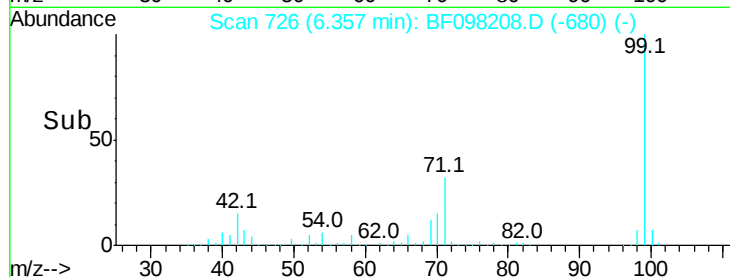
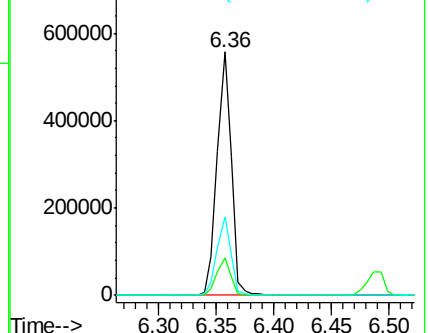
71 32.3 24.5 36.7



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: 8.00 min Scan# 1005

Delta R.T. -0.04 min

Lab File: BF098208.D

Acq: 31 Aug 2017 21:36

Tgt Ion: 136 Resp: 520547

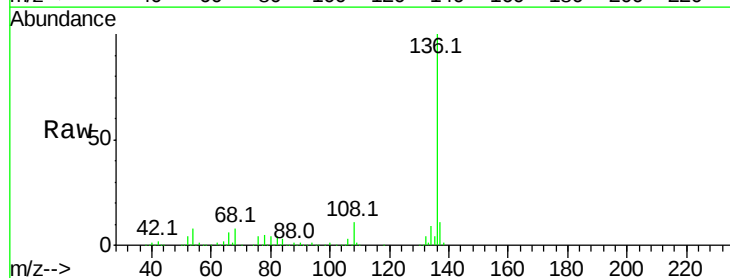
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 7.8 4.9 7.3#

68 7.7 4.1 6.1#

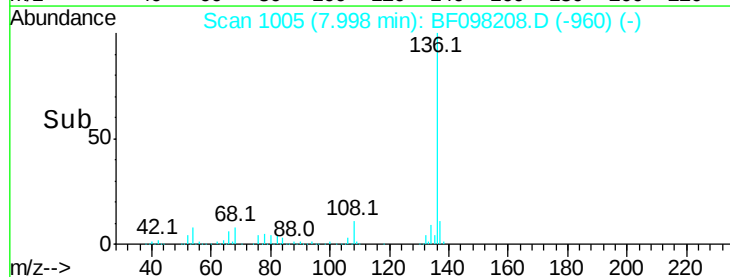
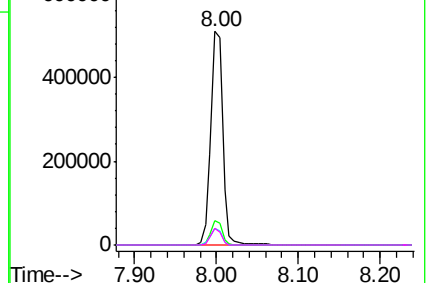


Abundance Ion 136.00 (135.70 to 136.70): E

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

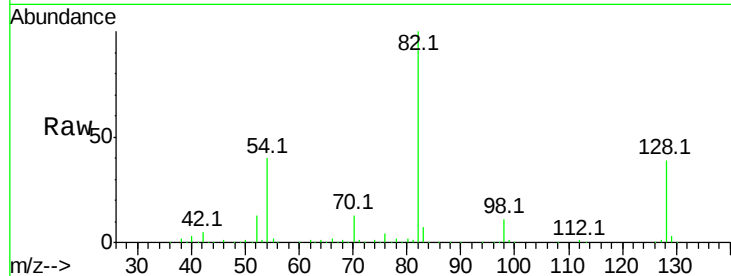




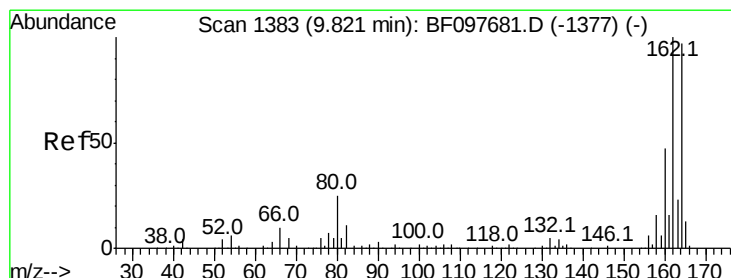
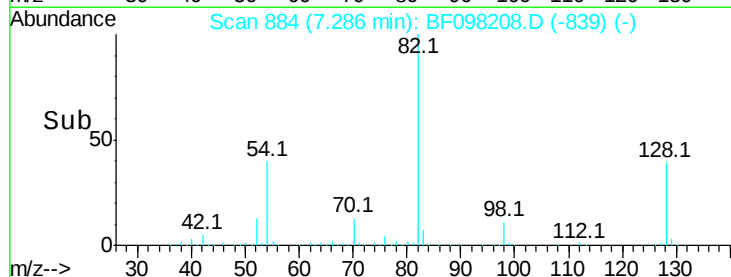
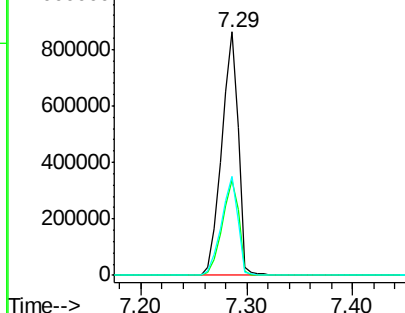
#23
 Nitrobenzene-d5
 Concen: 99.252 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.04 min
 Lab File: BF098208.D
 Acq: 31 Aug 2017 21:36

Instrument :
 BNA_F
 ClientSampled :
 3820-PP1

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.2	34.0	51.0
54	40.5	42.2	63.2#

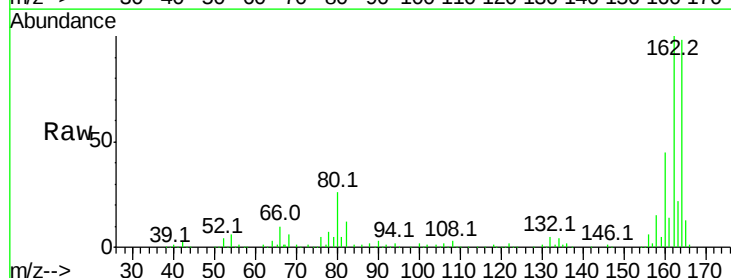


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

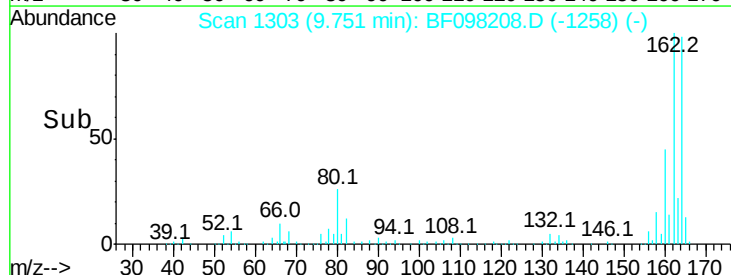
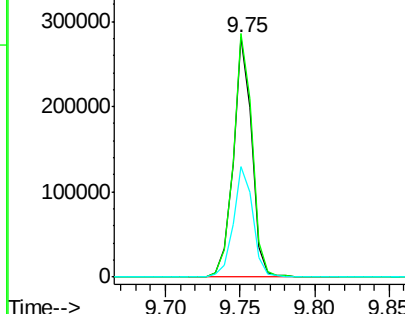


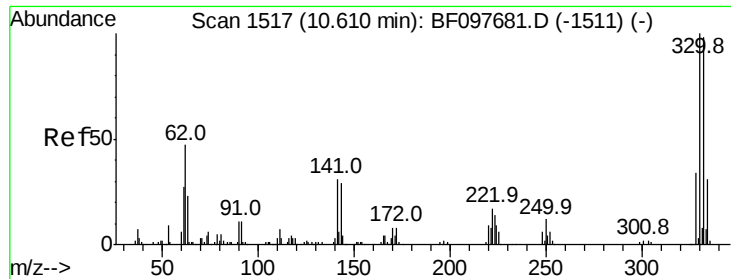
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.04 min
 Lab File: BF098208.D
 Acq: 31 Aug 2017 21:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.6	123.8
160	46.0	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: 151.241 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.03 min

Lab File: BF098208.D

Acq: 31 Aug 2017 21:36

Instrument :

BNA_F

ClientSampleId :

3820-PP1

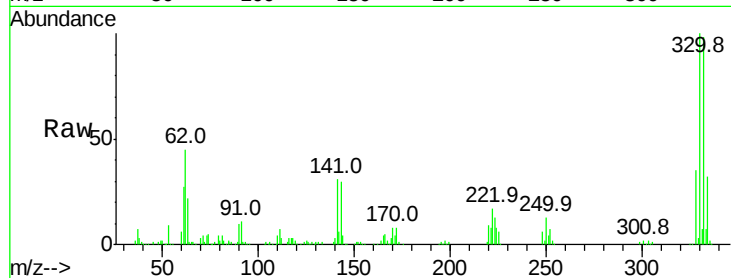
Tot Ion:330 Resp: 323901

Ion Ratio Lower Upper

330 100

332 97.6 76.6 115.0

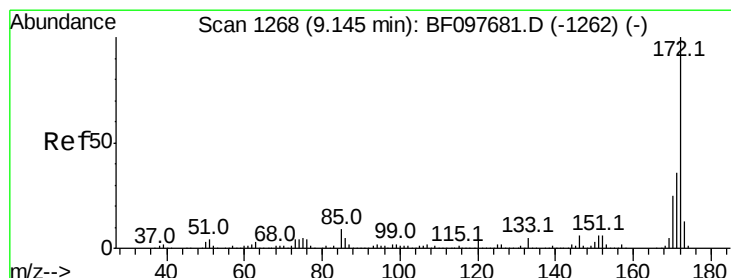
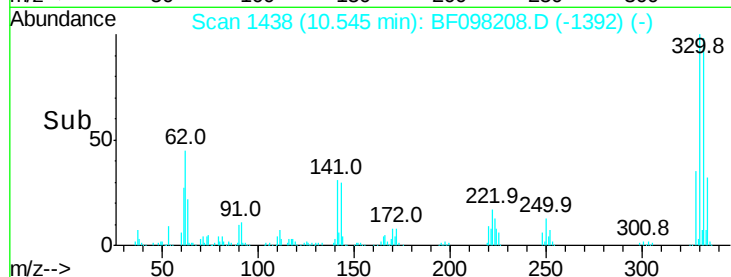
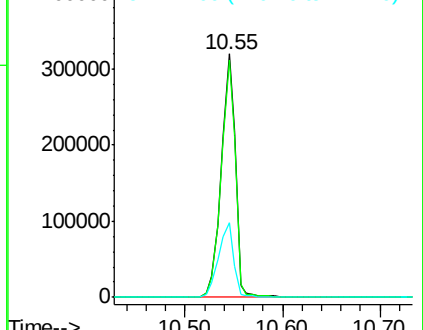
141 32.9 31.4 47.2



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: 84.547 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.03 min

Lab File: BF098208.D

Acq: 31 Aug 2017 21:36

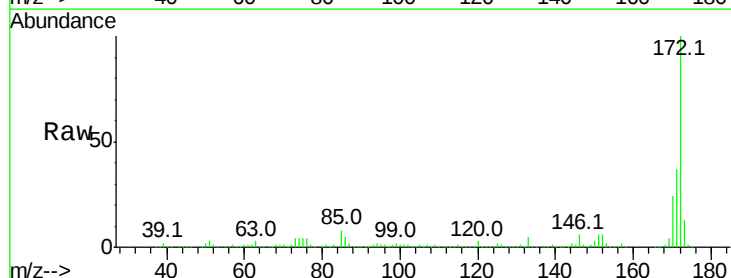
Tgt Ion:172 Resp: 1420390

Ion Ratio Lower Upper

172 100

171 36.7 29.6 44.4

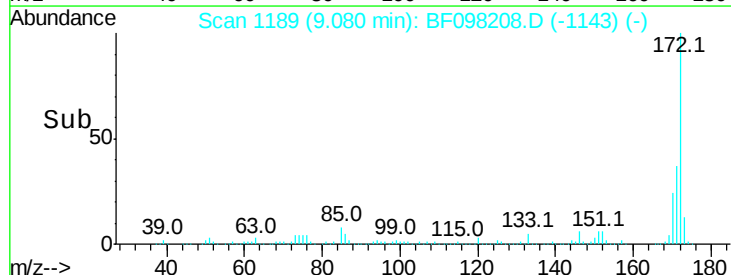
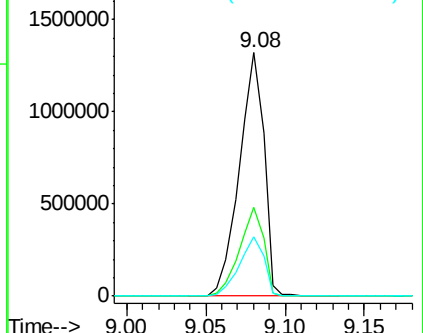
170 24.3 19.8 29.8

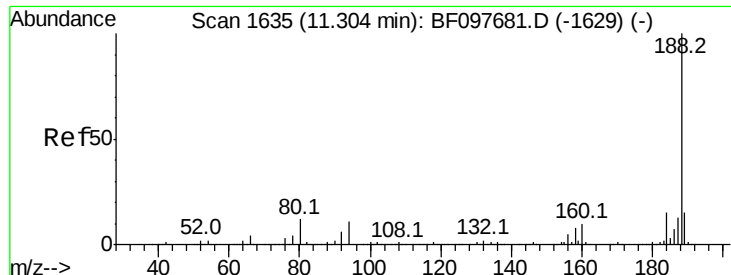


Abundance Ion 172.00 (171.70 to 172.70): E

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: BF098208.D

Acq: 31 Aug 2017 21:36

Instrument :

BNA_F

ClientSampleId :

3820-PP1

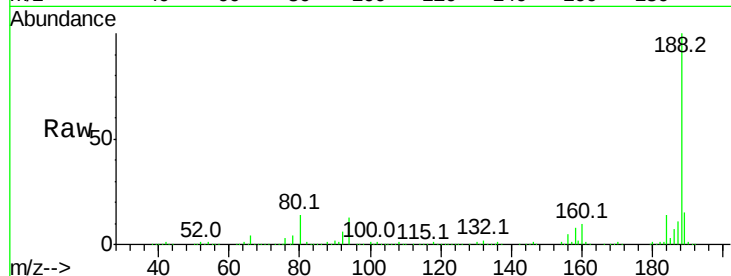
Tot Ion:188 Resp: 502906

Ion Ratio Lower Upper

188 100

94 12.6 9.4 14.2

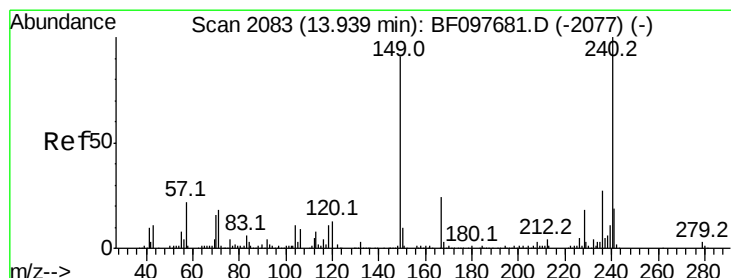
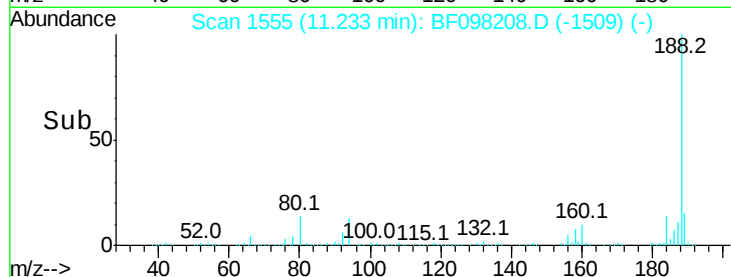
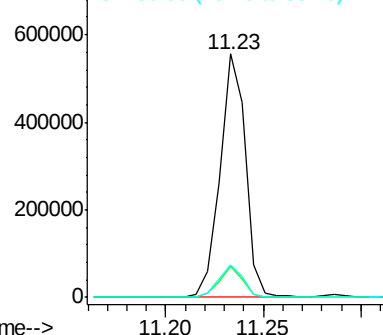
80 13.5 10.2 15.2



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: BF098208.D

Acq: 31 Aug 2017 21:36

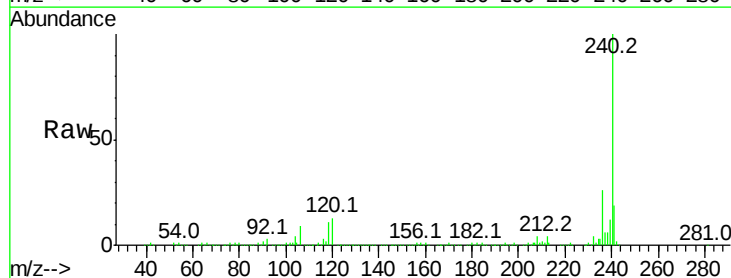
Tgt Ion:240 Resp: 371700

Ion Ratio Lower Upper

240 100

120 12.9 5.8 8.8#

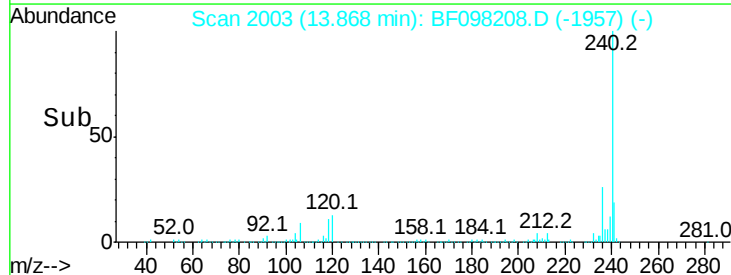
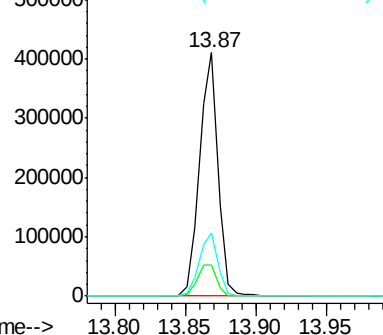
236 26.1 20.5 30.7

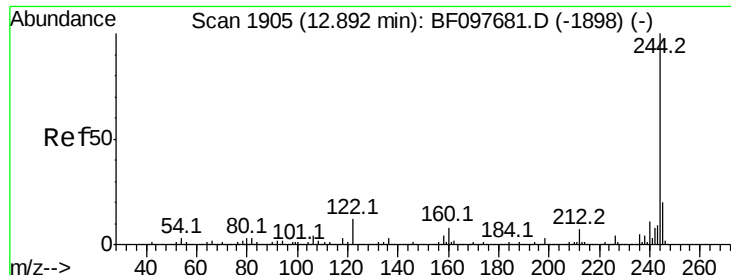


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 77.639 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF098208.D

Acq: 31 Aug 2017 21:36

Instrument :

BNA_F

ClientSampleId :

3820-PP1

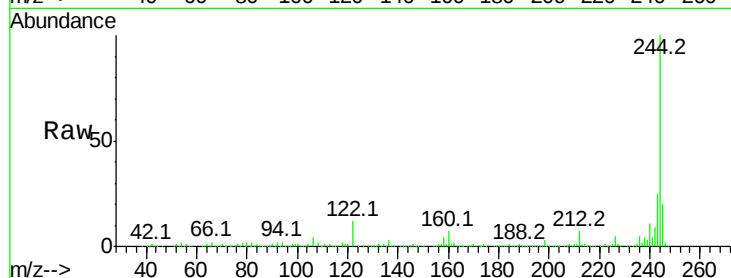
Tot Ion:244 Resp: 1383874

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

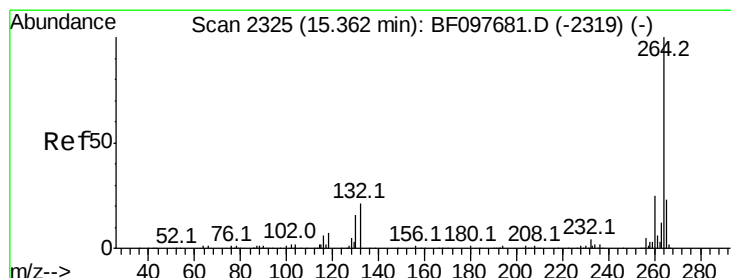
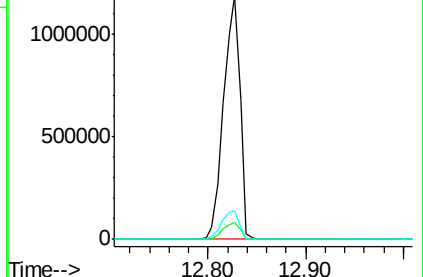
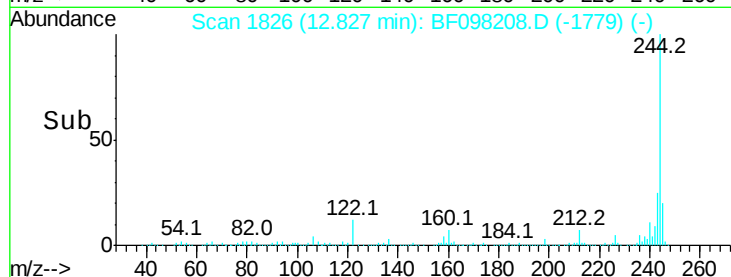
122 12.0 10.3 15.5



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: 15.28 min Scan# 2243

Delta R.T. -0.03 min

Lab File: BF098208.D

Acq: 31 Aug 2017 21:36

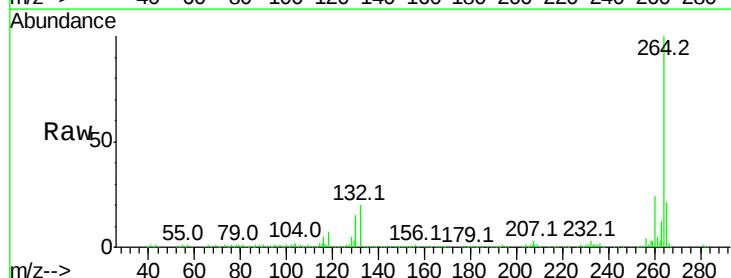
Tgt Ion:264 Resp: 254222

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

265 20.8 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

