

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
 Data File : BF097691.D
 Acq On : 15 Aug 2017 15:17
 Operator : SJ/JU
 Sample : PB101481BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101481BL

Quant Time: Aug 16 04:06:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	118209	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	482781	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	220296	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	449016	20.00	ng	0.00
75) Chrysene-d12	13.93	240	378435	20.00	ng	0.00
86) Perylene-d12	15.36	264	264966	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	932339	119.97	ng	0.00
7) Phenol-d6	6.41	99	1219720	115.51	ng	0.00
23) Nitrobenzene-d5	7.35	82	754088	84.85	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	245086	128.22	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1147327	76.52	ng	0.00
78) Terphenyl-d14	12.89	244	1128658	62.19	ng	0.00

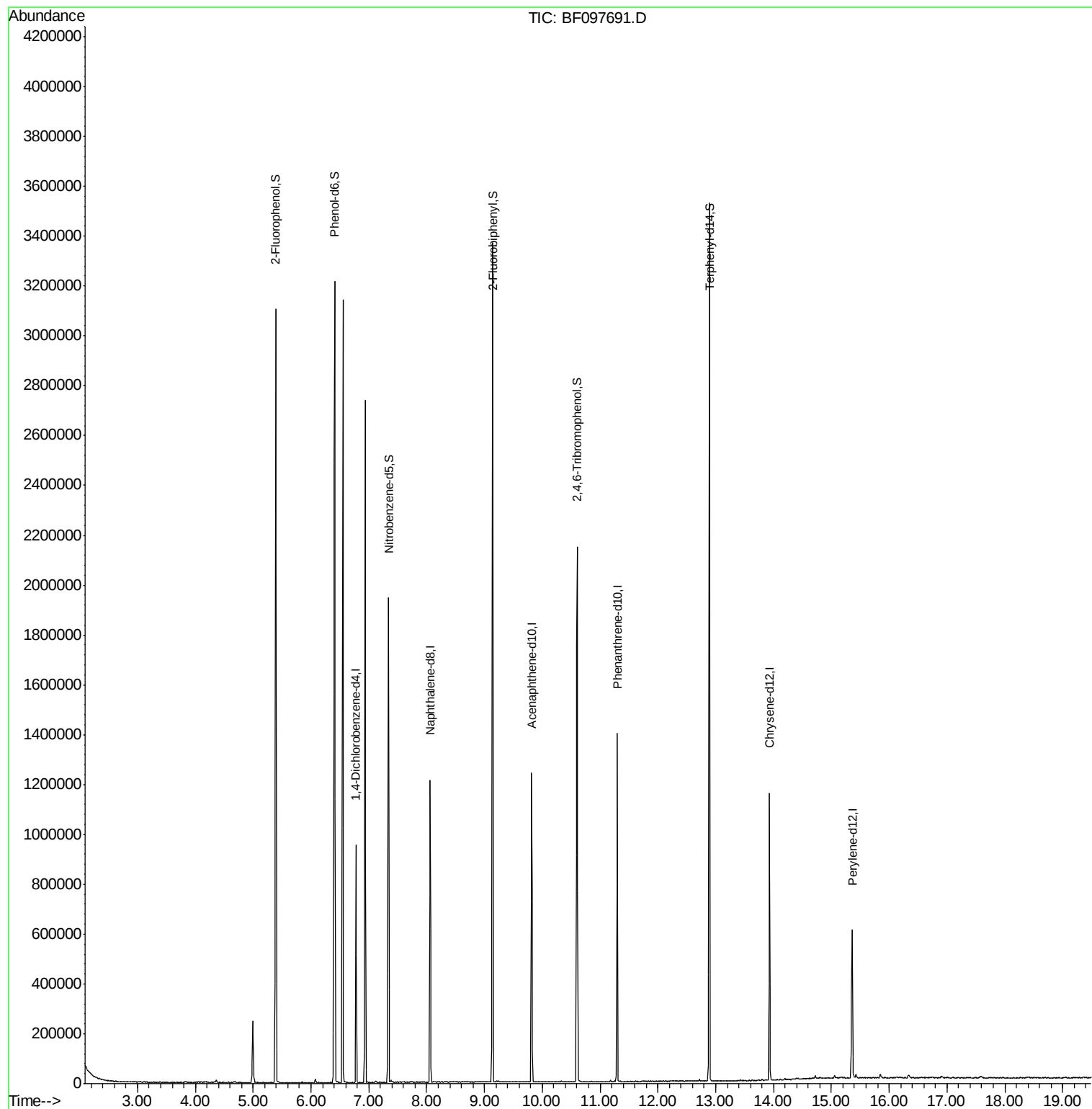
Target Compounds Qvalue

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

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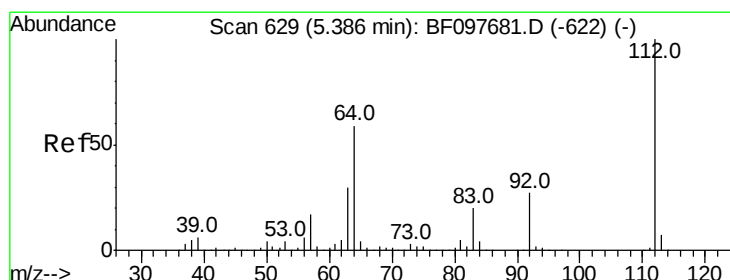
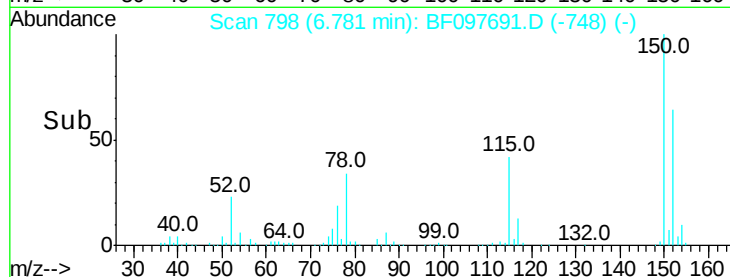
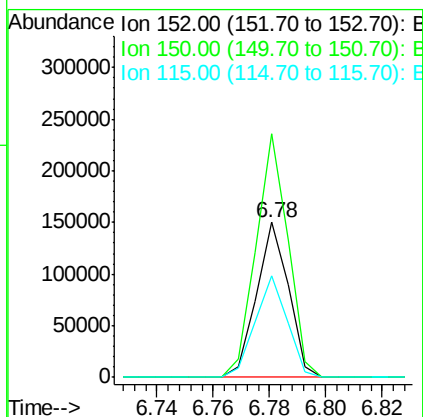
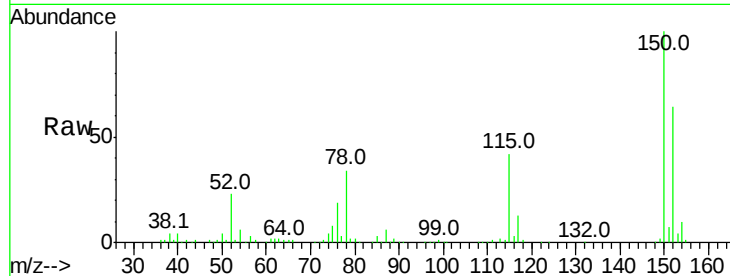


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF097691.D
 Acq: 15 Aug 2017 15:17

Instrument :
 BNA_F
 ClientSampleId :
 PB101481BL

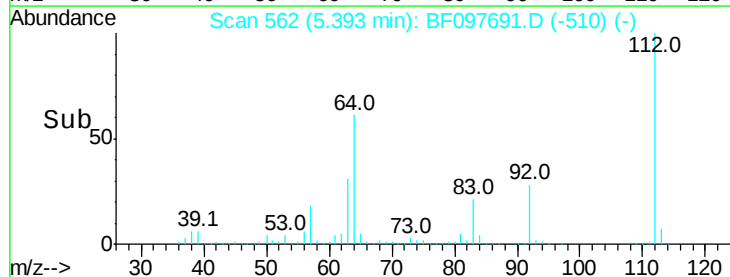
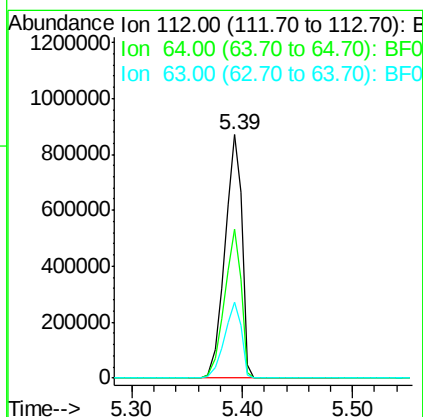
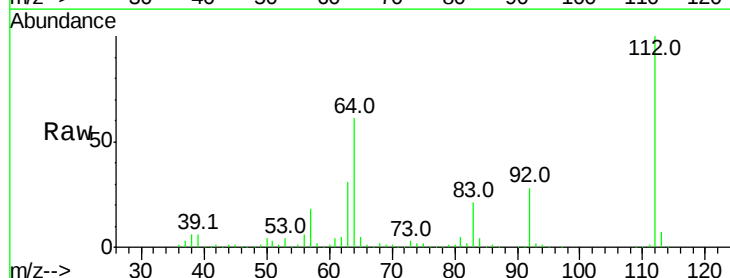
Tot Ion:152 Resp: 118209
 Ion Ratio Lower Upper
 152 100
 150 157.4 126.2 189.2
 115 65.9 52.2 78.2

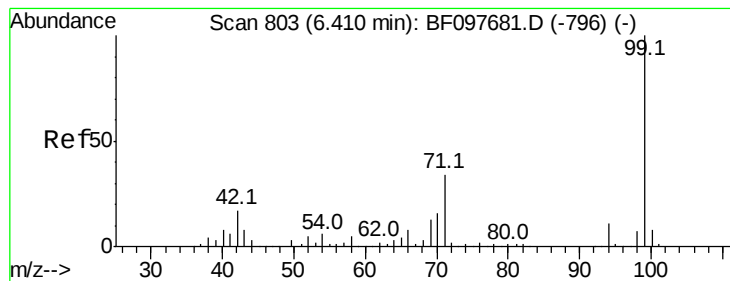


#5

2-Fluorophenol
 Concen: 119.970 ng
 RT: 5.39 min Scan# 562
 Delta R.T. 0.01 min
 Lab File: BF097691.D
 Acq: 15 Aug 2017 15:17

Tgt Ion:112 Resp: 932339
 Ion Ratio Lower Upper
 112 100
 64 60.9 46.0 69.0
 63 31.4 23.4 35.0





#7

Phenol-d6

Concen: 115.513 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF097691.D

Acq: 15 Aug 2017 15:17

Instrument :

BNA_F

ClientSampleId :

PB101481BL

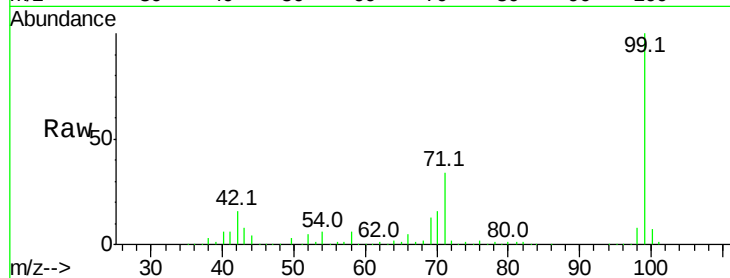
Tot Ion: 99 Resp: 1219720

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

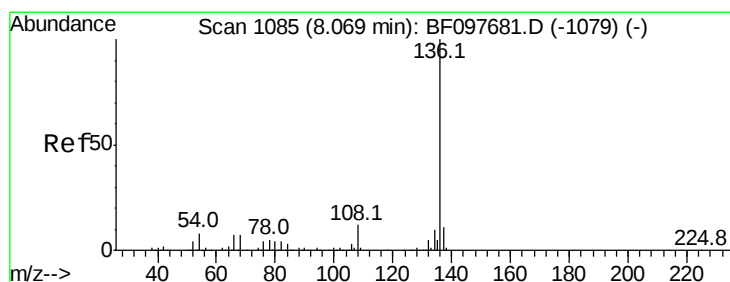
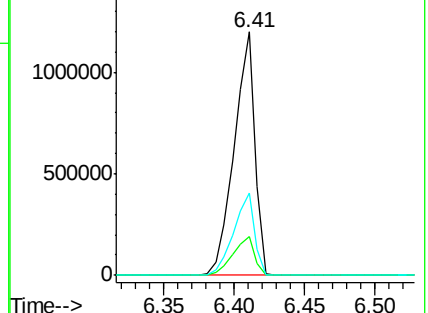
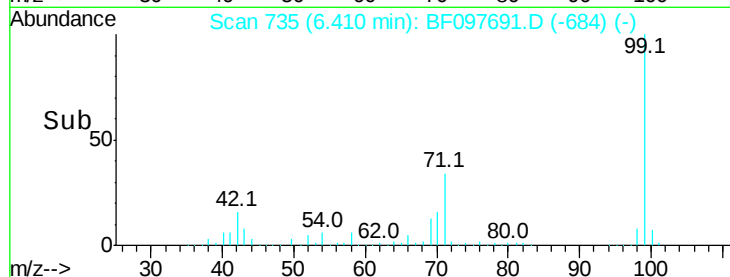
71 33.7 24.5 36.7



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: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF097691.D

Acq: 15 Aug 2017 15:17

Tgt Ion: 136 Resp: 482781

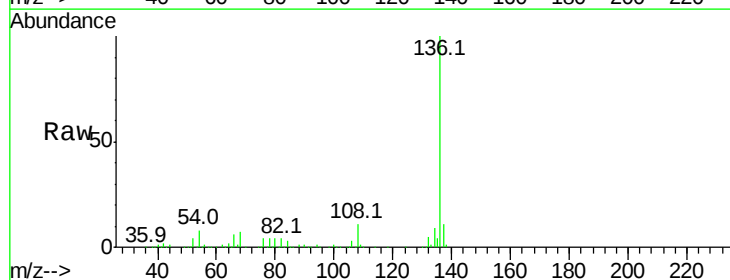
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.5 4.9 7.3#

68 7.1 4.1 6.1#

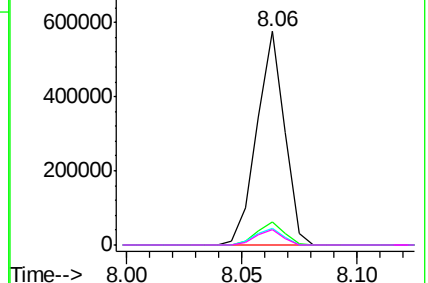
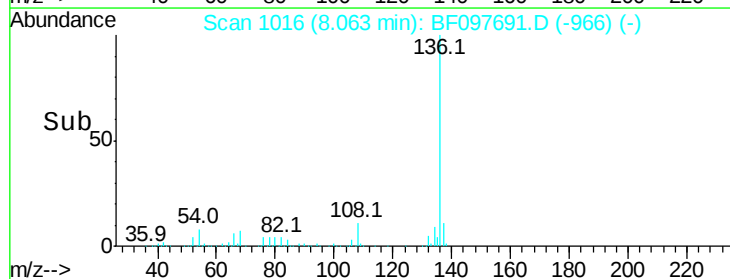


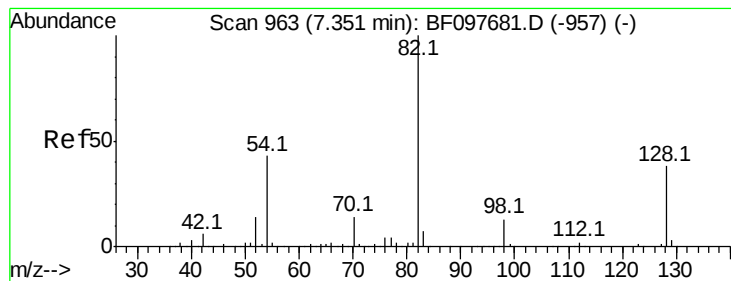
Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.853 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF097691.D

Acq: 15 Aug 2017 15:17

Instrument :

BNA_F

ClientSampleId :

PB101481BL

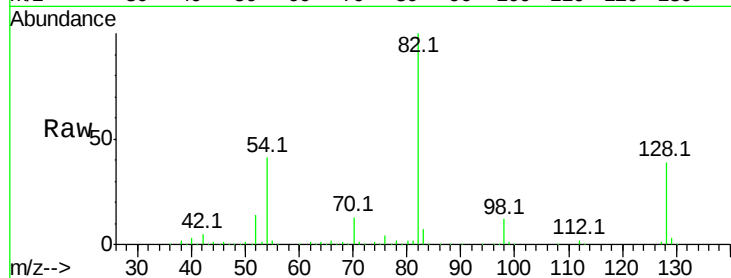
Tot Ion: 82 Resp: 754088

Ion Ratio Lower Upper

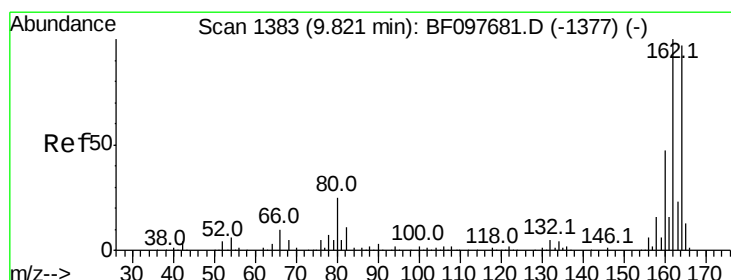
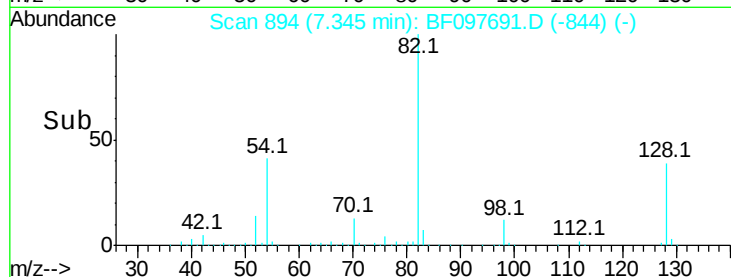
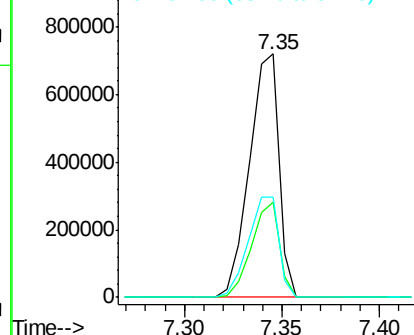
82 100

128 39.1 34.0 51.0

54 41.3 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: 9.82 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BF097691.D

Acq: 15 Aug 2017 15:17

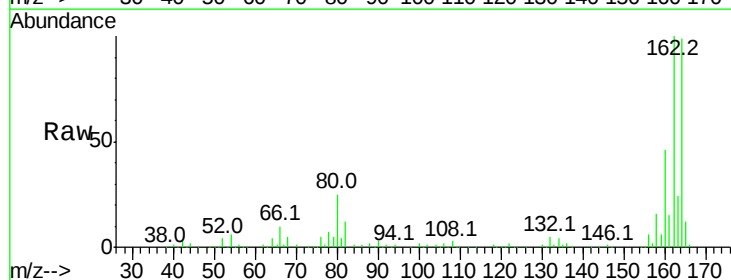
Tgt Ion:164 Resp: 220296

Ion Ratio Lower Upper

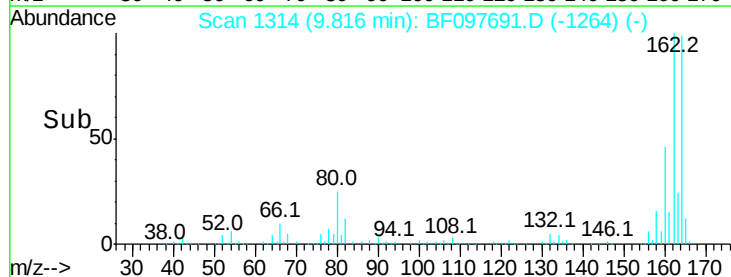
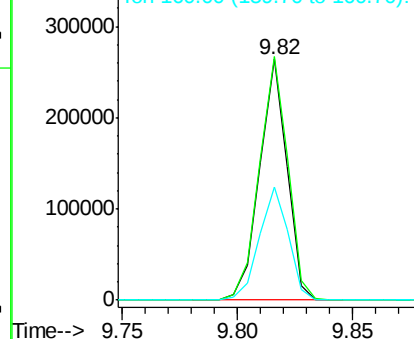
164 100

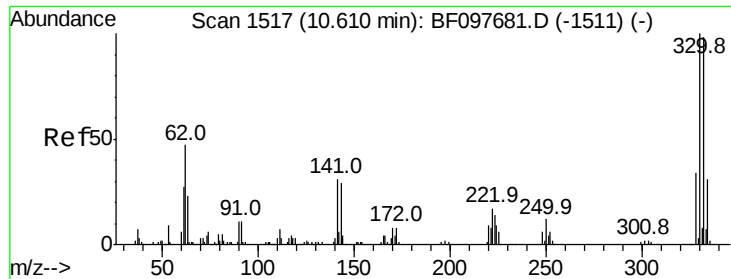
162 101.2 82.6 123.8

160 46.9 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B





#41

2,4,6-Tribromophenol

Concen: 128.221 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BF097691.D

Acq: 15 Aug 2017 15:17

Instrument :

BNA_F

ClientSampleId :

PB101481BL

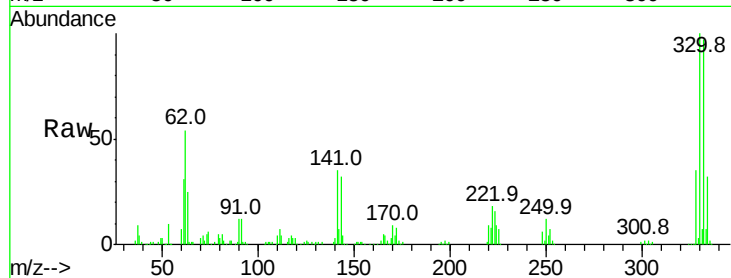
Tot Ion:330 Resp: 245086

Ion Ratio Lower Upper

330 100

332 96.8 76.6 115.0

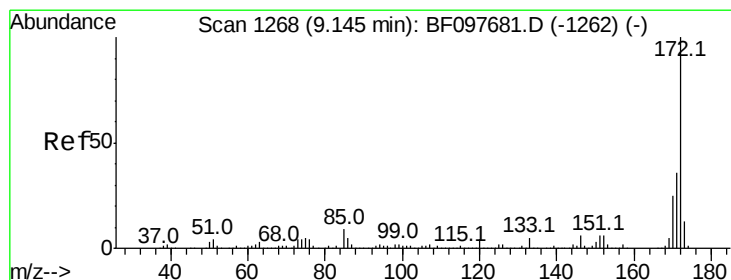
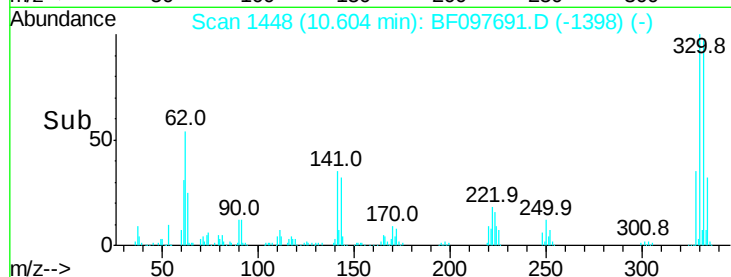
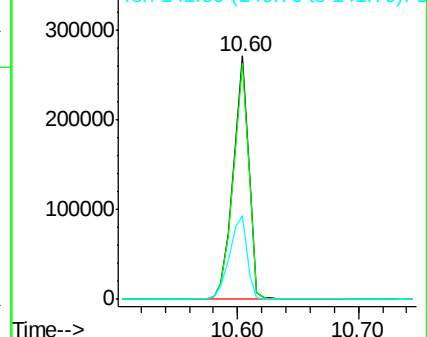
141 38.6 31.4 47.2



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: 76.518 ng

RT: 9.15 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BF097691.D

Acq: 15 Aug 2017 15:17

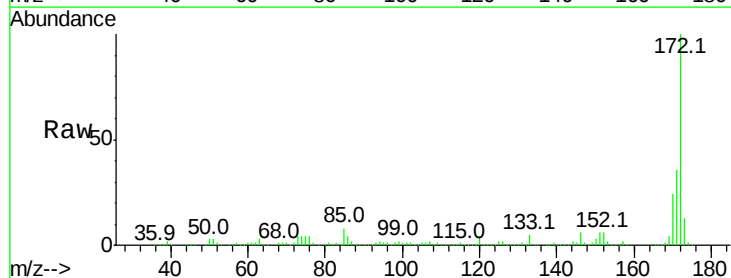
Tgt Ion:172 Resp: 1147327

Ion Ratio Lower Upper

172 100

171 36.1 29.6 44.4

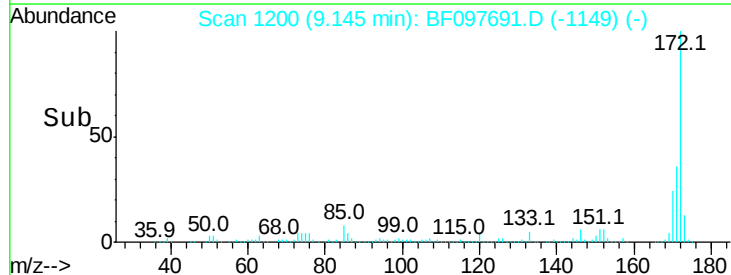
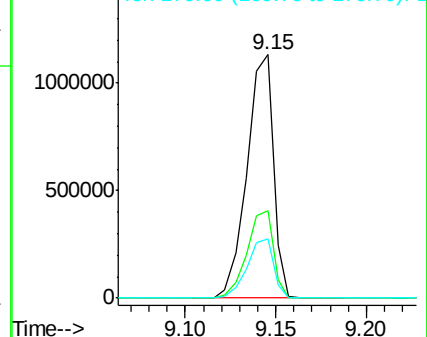
170 24.5 19.8 29.8

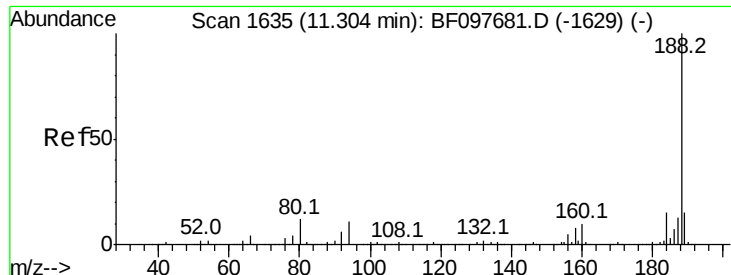


Abundance Ion 172.00 (171.70 to 172.70): E

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: 11.30 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BF097691.D

Acq: 15 Aug 2017 15:17

Instrument :

BNA_F

ClientSampleId :

PB101481BL

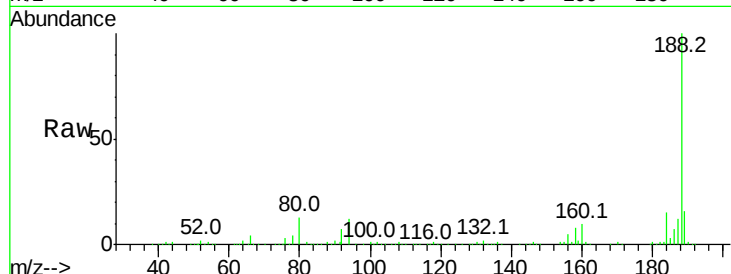
Tot Ion:188 Resp: 449016

Ion Ratio Lower Upper

188 100

94 11.9 9.4 14.2

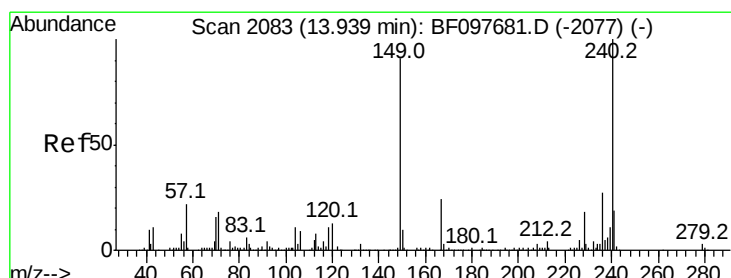
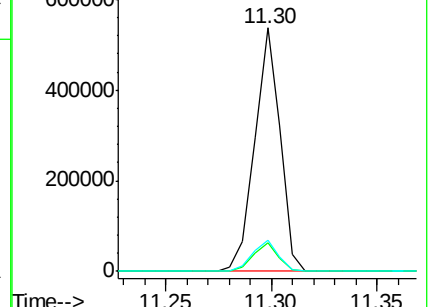
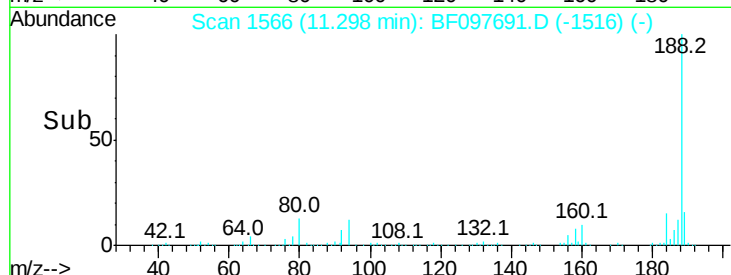
80 12.8 10.2 15.2



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: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF097691.D

Acq: 15 Aug 2017 15:17

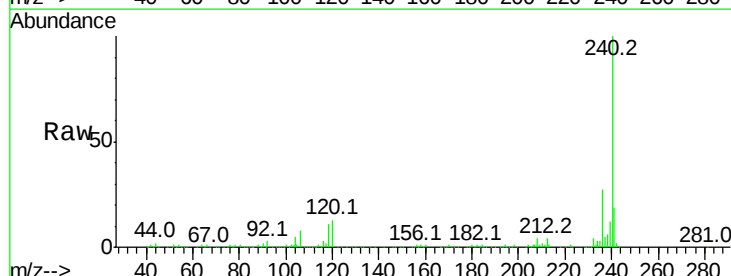
Tgt Ion:240 Resp: 378435

Ion Ratio Lower Upper

240 100

120 12.9 5.8 8.8#

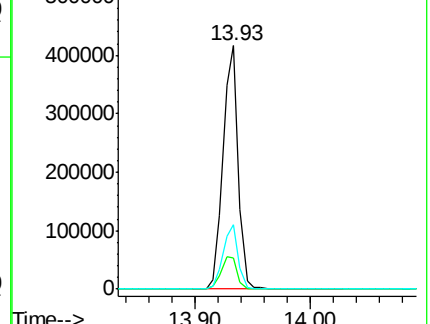
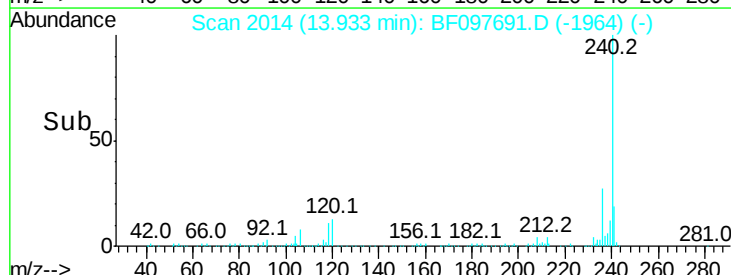
236 26.6 20.5 30.7

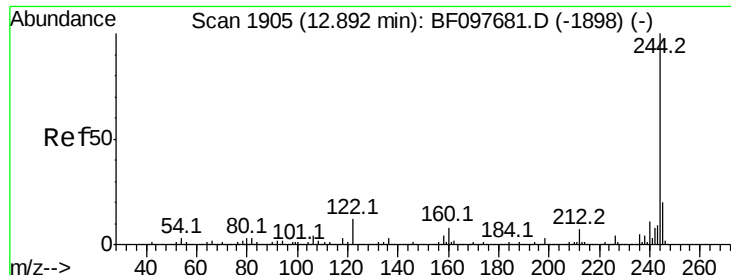


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 62.194 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BF097691.D

Acq: 15 Aug 2017 15:17

Instrument :

BNA_F

ClientSampleId :

PB101481BL

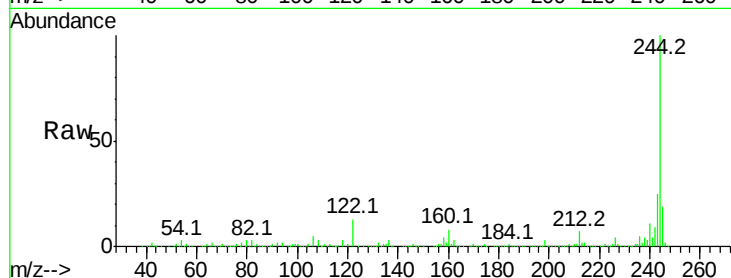
Tot Ion:244 Resp: 1128658

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

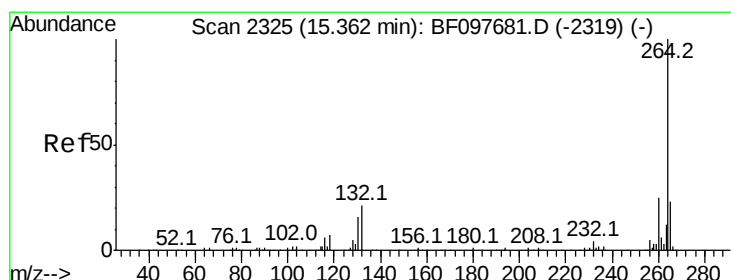
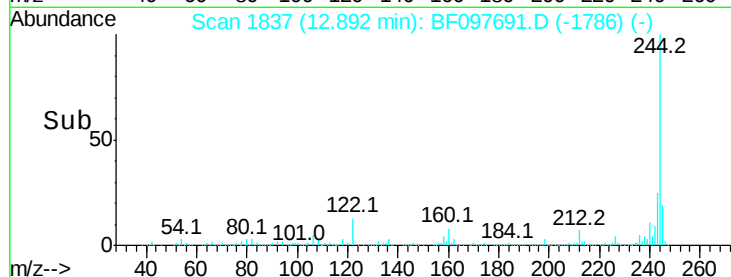
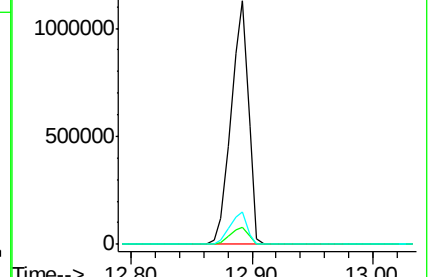
122 13.2 10.3 15.5



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: 15.36 min Scan# 2257

Delta R.T. 0.00 min

Lab File: BF097691.D

Acq: 15 Aug 2017 15:17

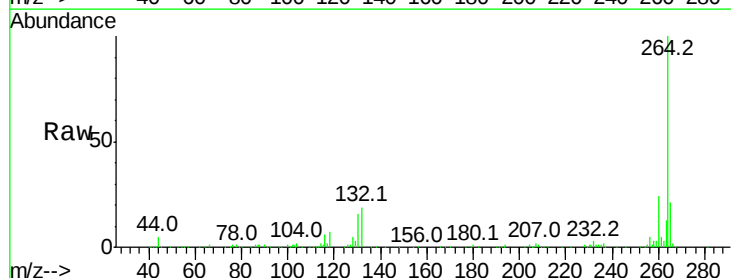
Tgt Ion:264 Resp: 264966

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 21.2 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

