

Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
 Data File : BF097948.D
 Acq On : 22 Aug 2017 11:46
 Operator : SJ/JU
 Sample : I4900-05
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONTROL-LOADING-DOCK

Quant Time: Aug 22 13:26:15 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

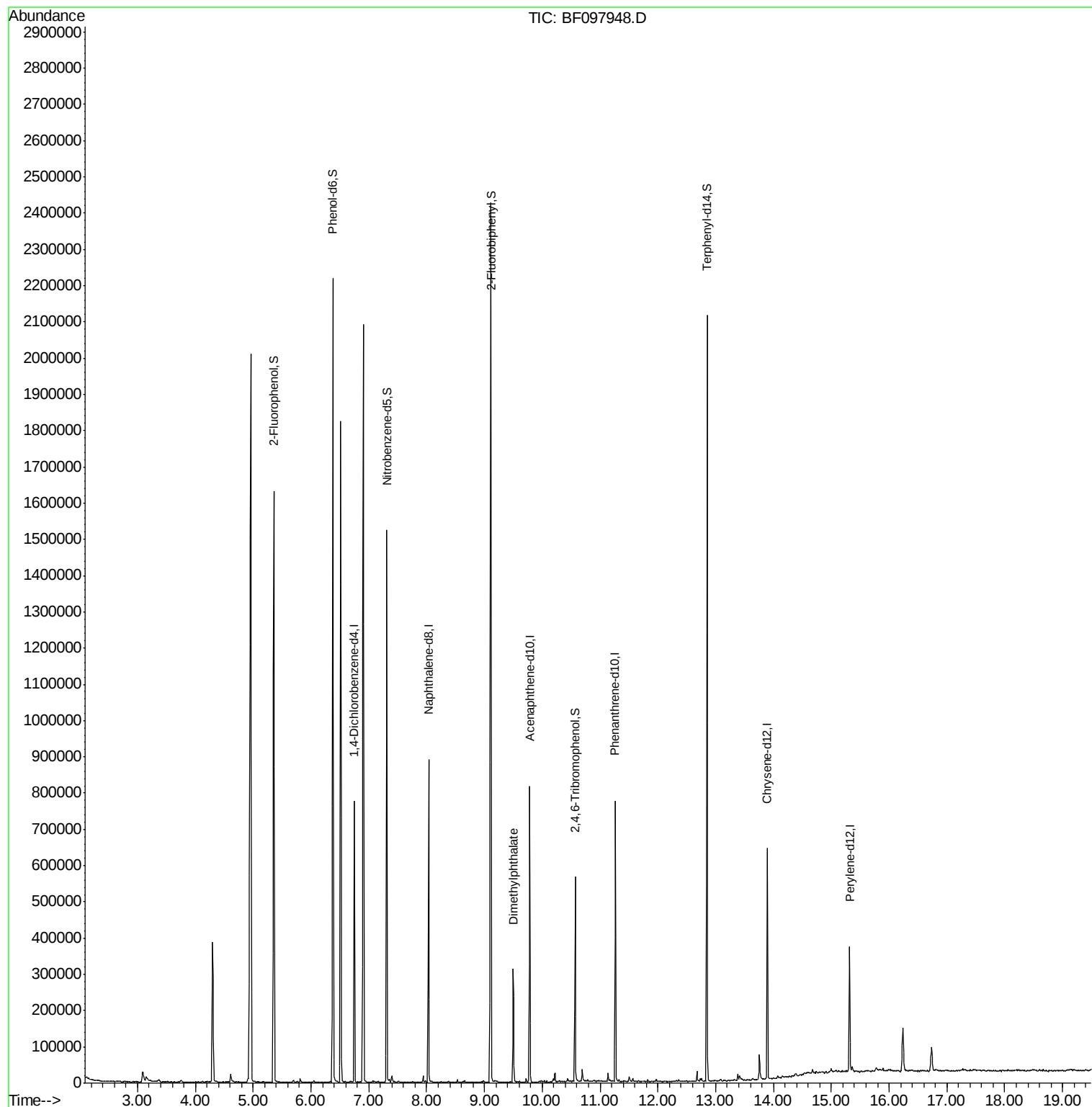
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	108794	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	394632	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	147128	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	258723	20.00	ng	0.00
75) Chrysene-d12	13.89	240	219255	20.00	ng	0.00
86) Perylene-d12	15.32	264	147313	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	417996	58.44	ng	0.00
7) Phenol-d6	6.38	99	768239	79.05	ng	0.00
23) Nitrobenzene-d5	7.31	82	529761	72.93	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	57689	45.19	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	752289	75.12	ng	0.00
78) Terphenyl-d14	12.85	244	601040	57.16	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.50	163	106809	9.931	ng	Qvalue 100

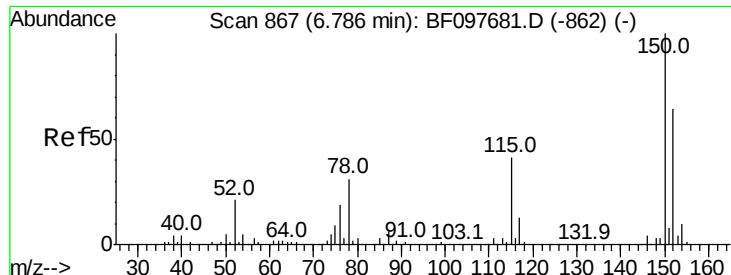
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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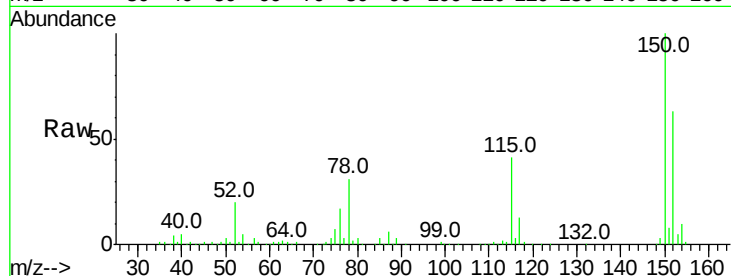


#1

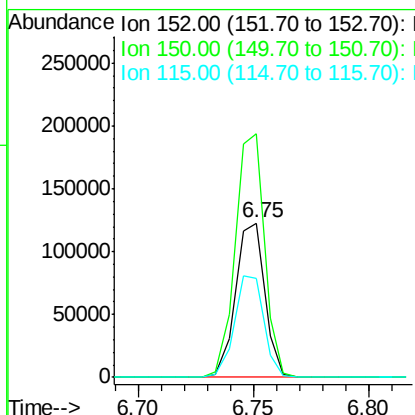
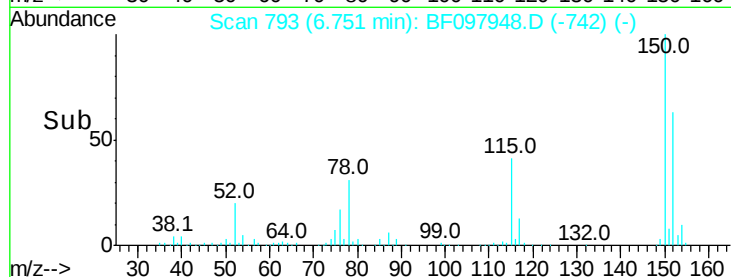
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF097948.D
Acq: 22 Aug 2017 11:46

Instrument :
BNA_F
ClientSampleId :
CONTROL-LOADING-DOCK

Tot Ion:152 Resp: 108794
Ion Ratio Lower Upper
152 100
150 158.0 126.2 189.2
115 64.3 52.2 78.2



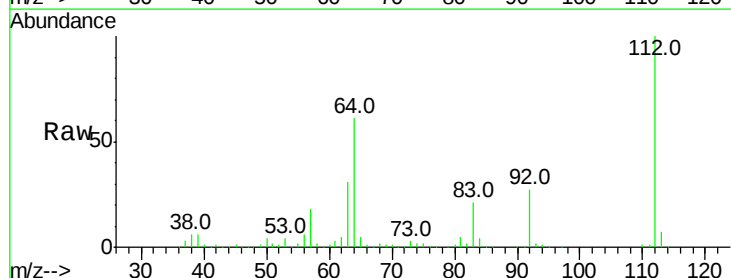
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



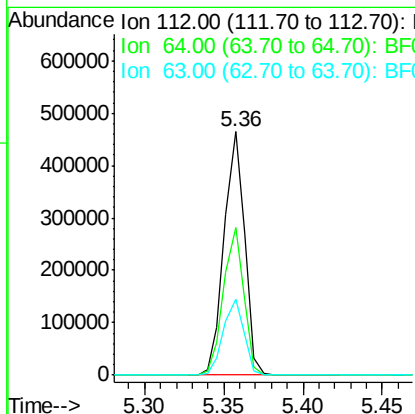
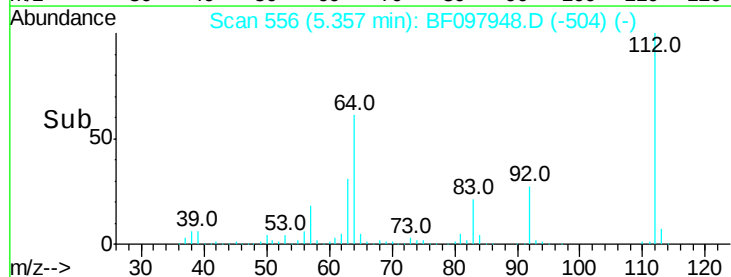
#5

2-Fluorophenol
Concen: 58.441 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF097948.D
Acq: 22 Aug 2017 11:46

Tgt Ion:112 Resp: 417996
Ion Ratio Lower Upper
112 100
64 60.7 46.0 69.0
63 31.0 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: 79.052 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097948.D

Acq: 22 Aug 2017 11:46

Instrument :

BNA_F

ClientSampleId :

CONTROL-LOADING-DOCK

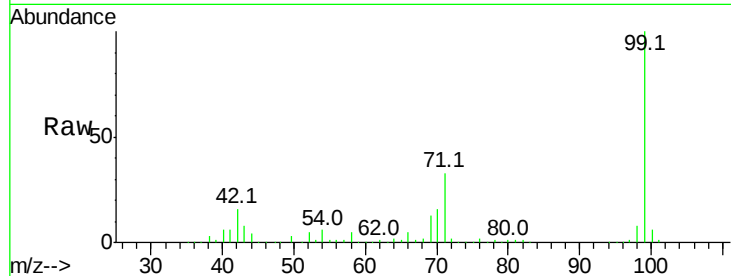
Tot Ion: 99 Resp: 768239

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

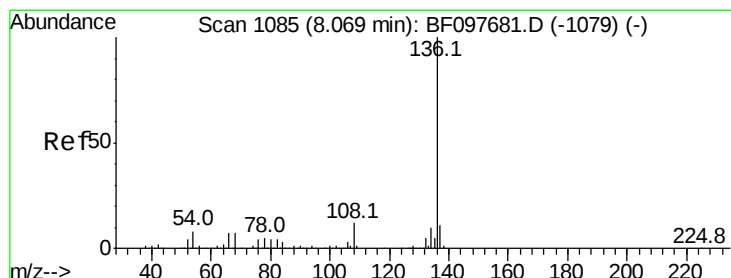
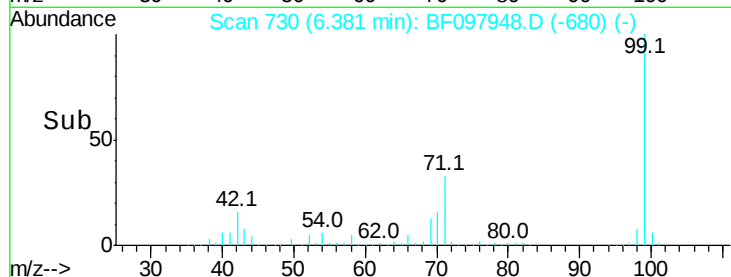
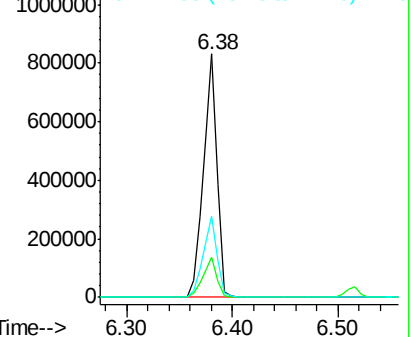
71 33.1 24.5 36.7



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: 8.03 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF097948.D

Acq: 22 Aug 2017 11:46

Tgt Ion: 136 Resp: 394632

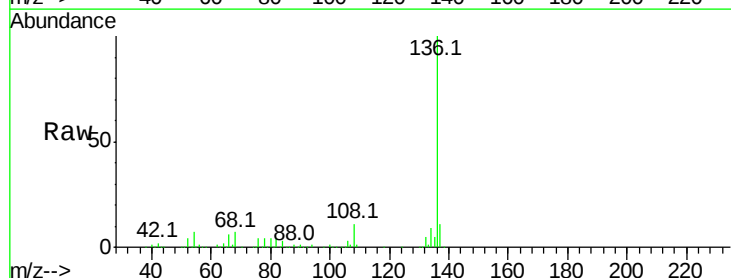
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.8 4.9 7.3

68 6.8 4.1 6.1#

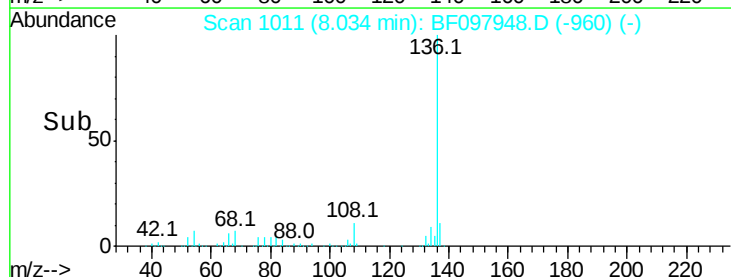
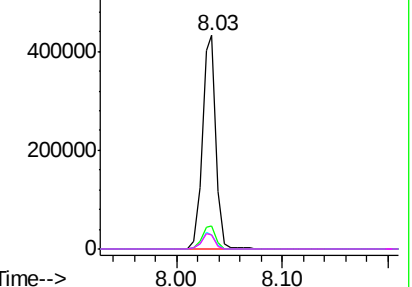


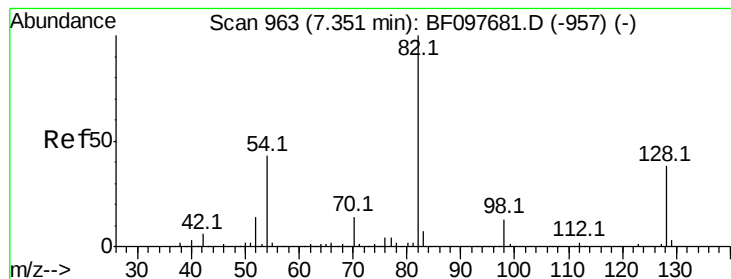
Abundance Ion 136.00 (135.70 to 136.70): E

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: 72.926 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF097948.D

Acq: 22 Aug 2017 11:46

Instrument :

BNA_F

ClientSampleId :

CONTROL-LOADING-DOCK

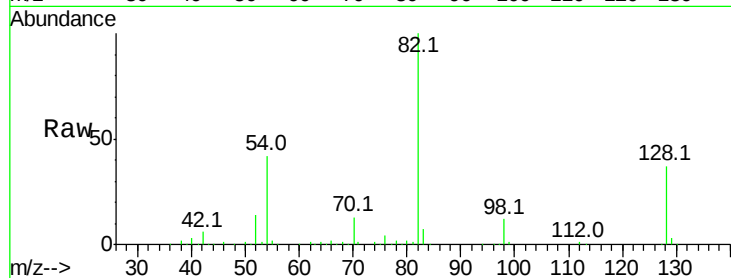
Tot Ion: 82 Resp: 529761

Ion Ratio Lower Upper

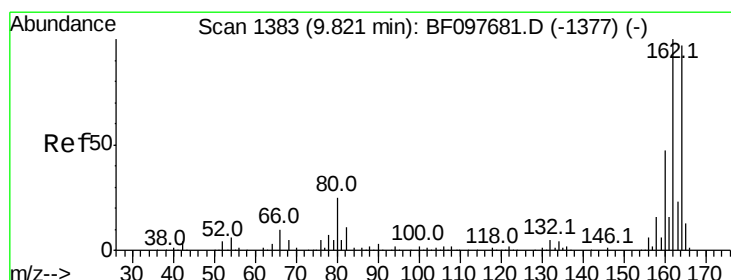
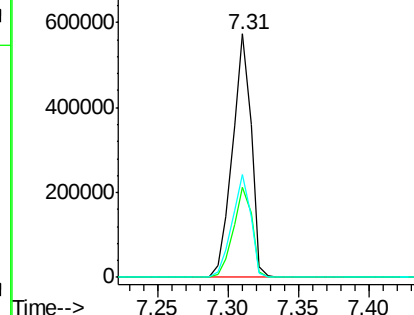
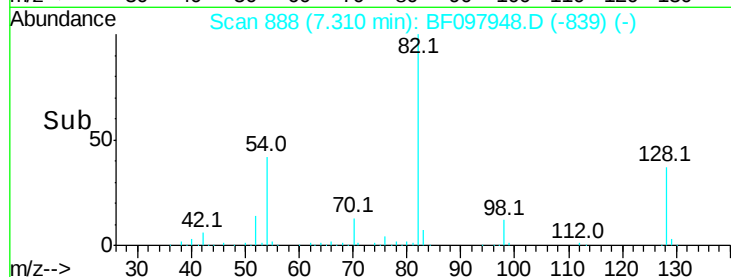
82 100

128 36.9 34.0 51.0

54 42.4 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: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF097948.D

Acq: 22 Aug 2017 11:46

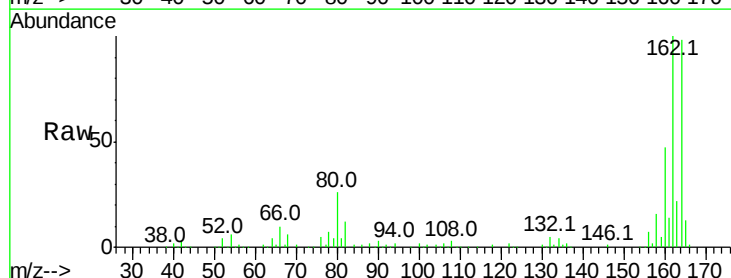
Tgt Ion: 164 Resp: 147128

Ion Ratio Lower Upper

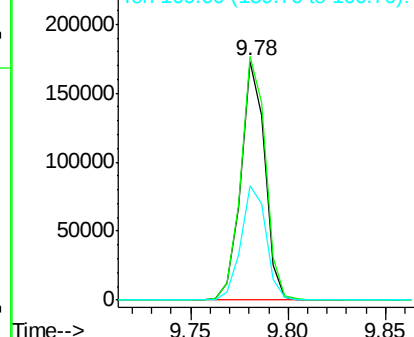
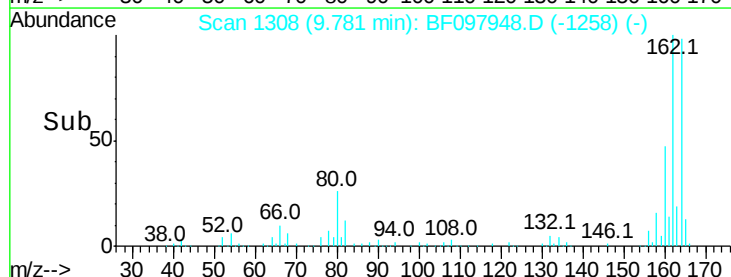
164 100

162 101.8 82.6 123.8

160 47.6 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

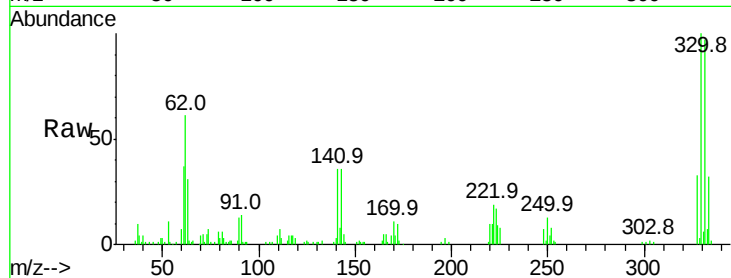




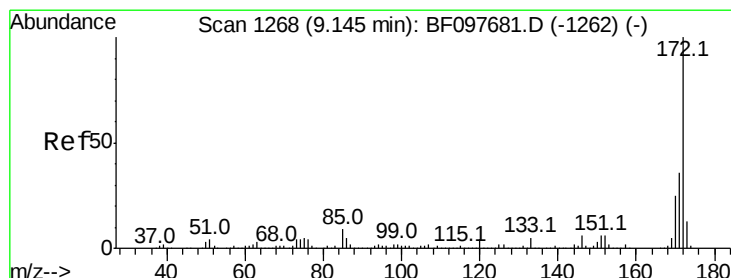
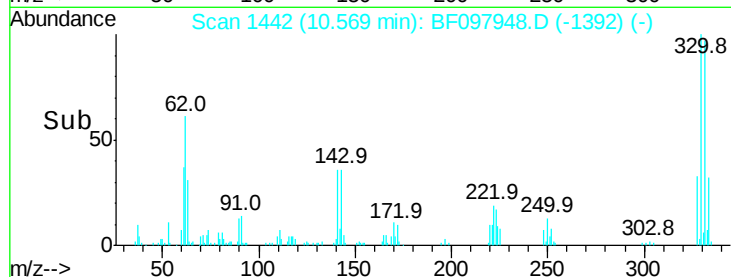
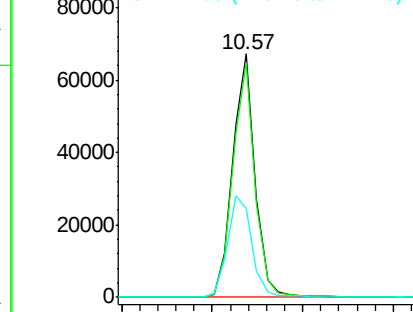
#41
 2,4,6-Tribromophenol
 Concen: 45.190 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF097948.D
 Acq: 22 Aug 2017 11:46

Instrument :
 BNA_F
 ClientSampleId :
 CONTROL-LOADING-DOCK

Tot Ion:330 Resp: 57689
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 115.0
 141 45.2 31.4 47.2

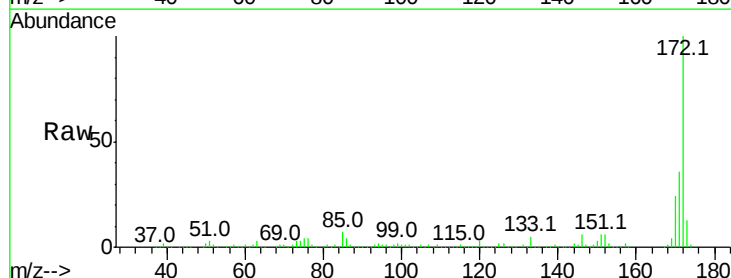


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

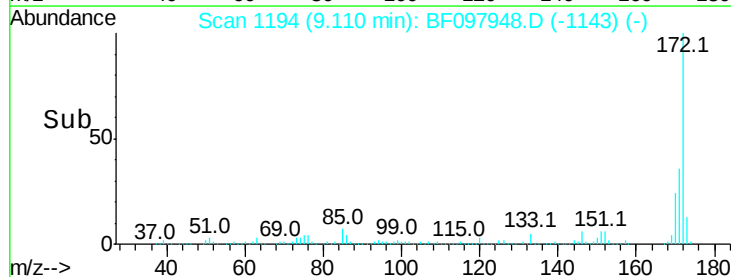
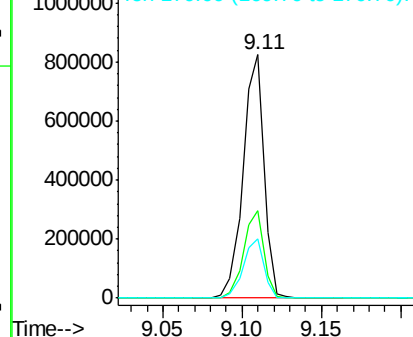


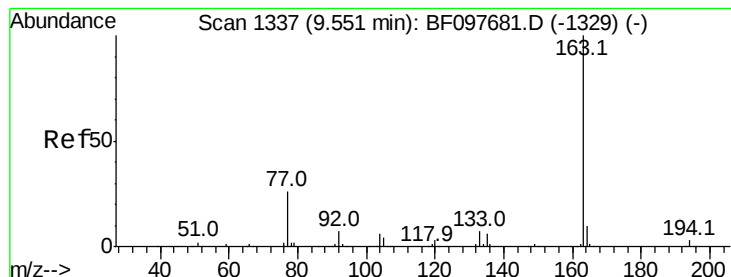
#44
 2-Fluorobiphenyl
 Concen: 75.123 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF097948.D
 Acq: 22 Aug 2017 11:46

Tgt Ion:172 Resp: 752289
 Ion Ratio Lower Upper
 172 100
 171 36.0 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





#49

Dimethylphthalate

Concen: 9.931 ng

RT: 9.50 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BF097948.D

Acq: 22 Aug 2017 11:46

Instrument :

BNA_F

ClientSampleId :

CONTROL-LOADING-DOCK

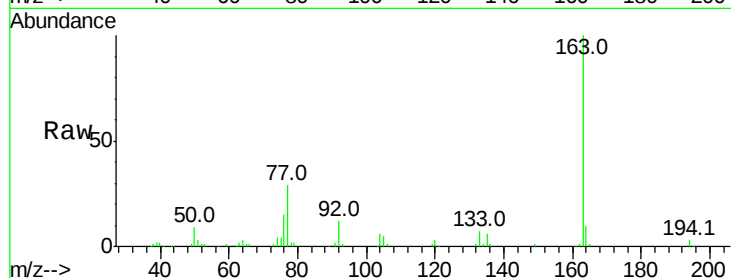
Tot Ion:163 Resp: 106809

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

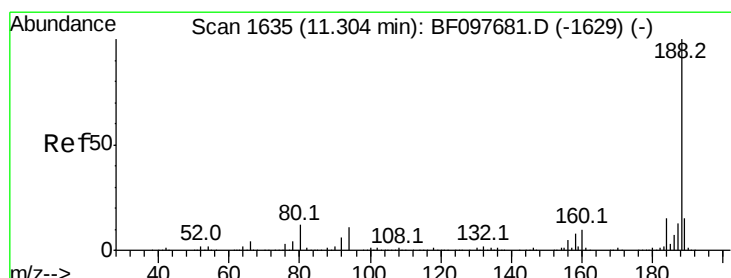
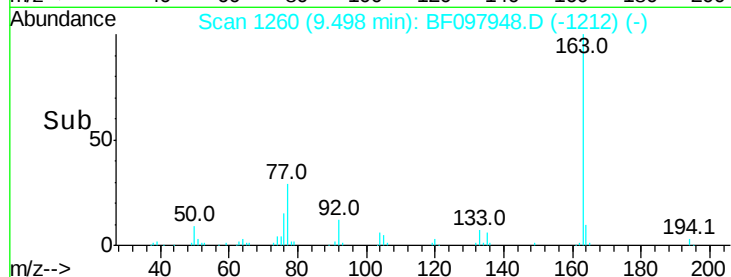
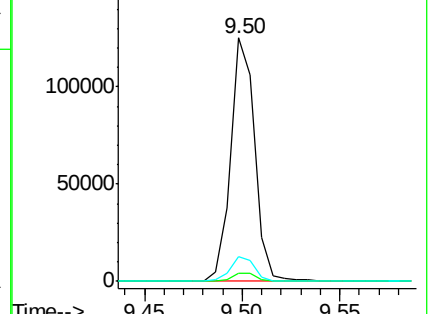
164 10.4 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.26 min Scan# 1560

Delta R.T. 0.00 min

Lab File: BF097948.D

Acq: 22 Aug 2017 11:46

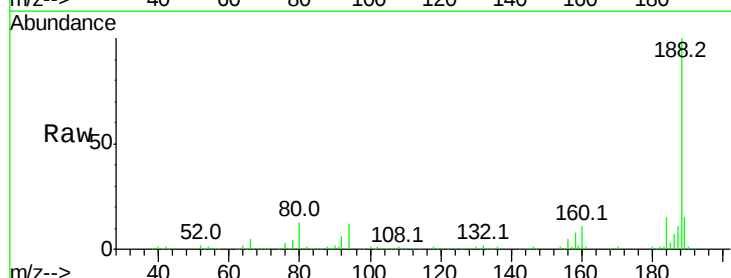
Tgt Ion:188 Resp: 258723

Ion Ratio Lower Upper

188 100

94 11.7 9.4 14.2

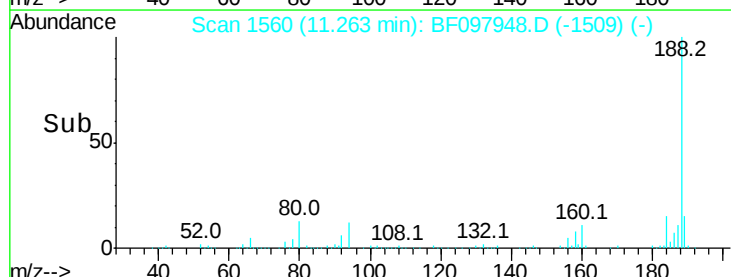
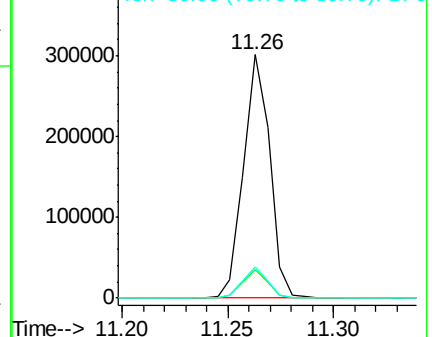
80 12.6 10.2 15.2

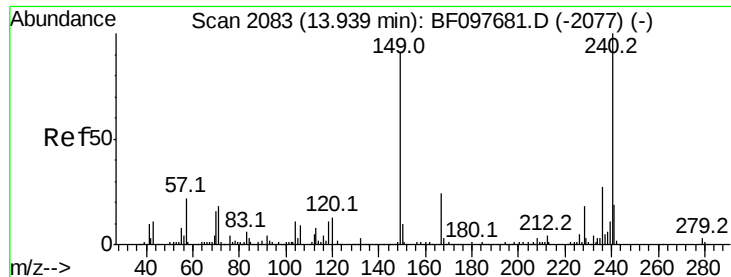


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF097948.D

Acq: 22 Aug 2017 11:46

Instrument :

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CONTROL-LOADING-DOCK

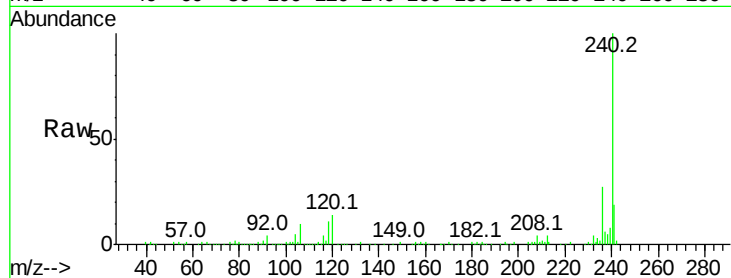
Tot Ion:240 Resp: 219255

Ion Ratio Lower Upper

240 100

120 14.1 5.8 8.8#

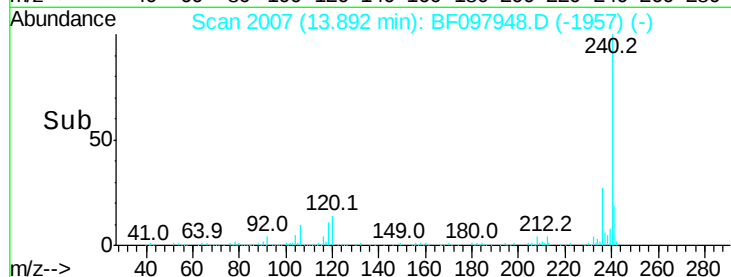
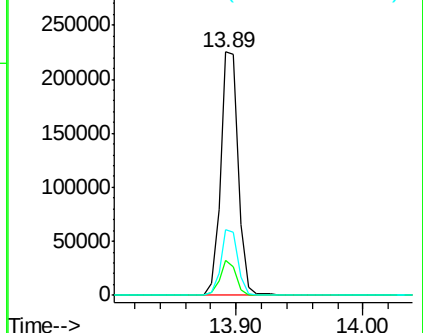
236 26.8 20.5 30.7



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: 57.165 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF097948.D

Acq: 22 Aug 2017 11:46

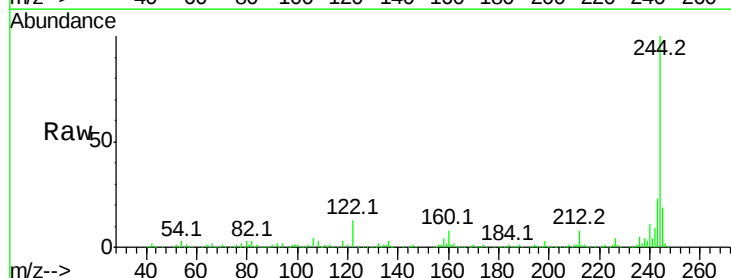
Tgt Ion:244 Resp: 601040

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

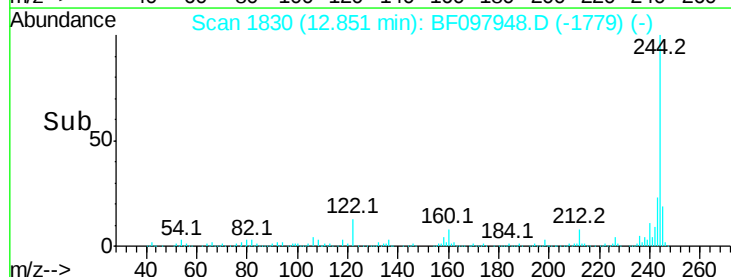
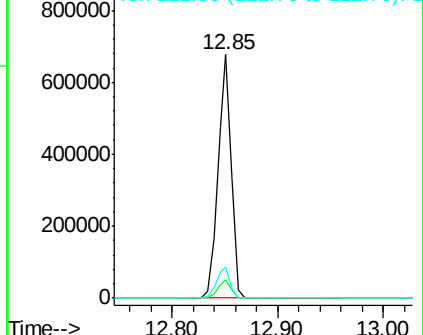
122 12.8 10.3 15.5

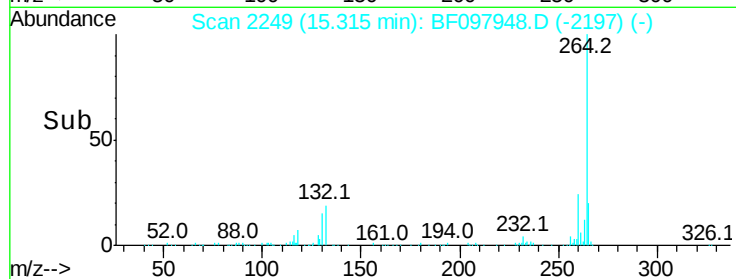
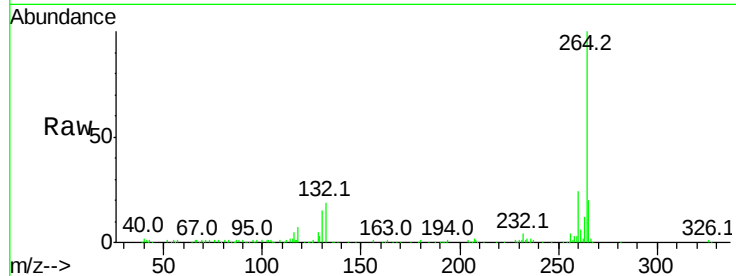
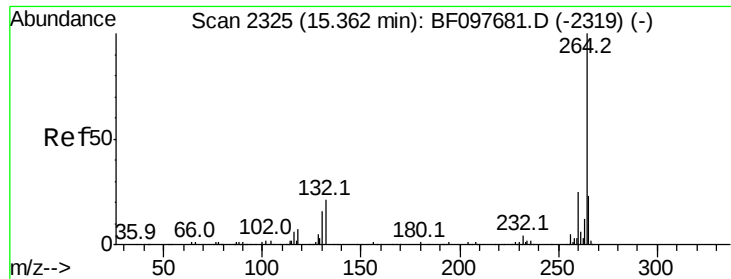


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.32 min Scan# 2249

Delta R.T. 0.01 min

Lab File: BF097948.D

Acq: 22 Aug 2017 11:46

Instrument :

BNA_F

ClientSampleId :

CONTROL-LOADING-DOCK

Tot Ion:264 Resp: 147313

Ion Ratio Lower Upper

264 100

260 23.6 19.5 29.3

265 20.4 17.2 25.8

