

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
 Data File : BF097806.D
 Acq On : 18 Aug 2017 00:41
 Operator : SJ/JU
 Sample : I4761-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RUSB-01

Quant Time: Aug 18 04:21:15 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

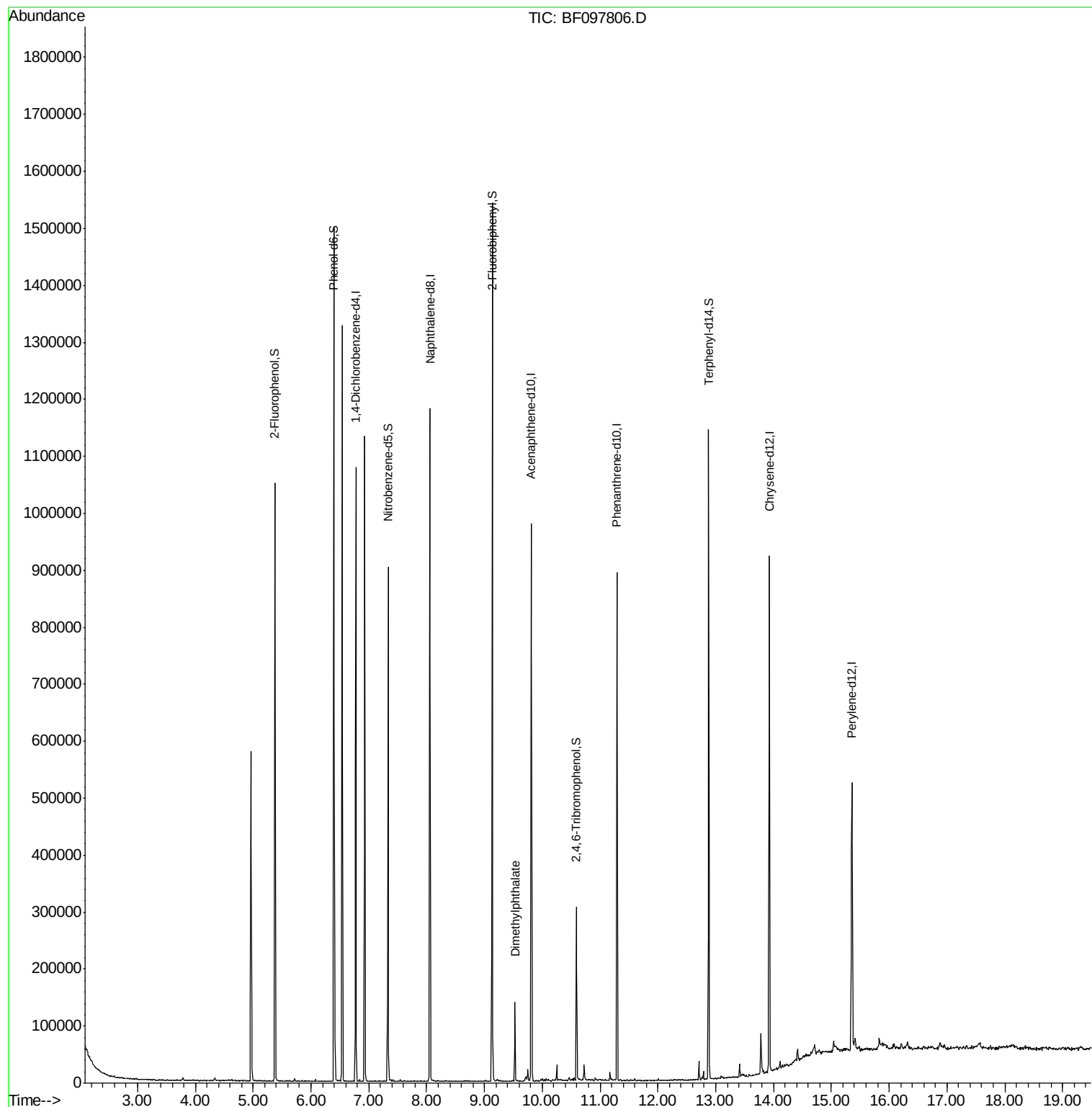
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	126297	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	465761	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	175031	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	293091	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	274257	20.00	ng	-0.01
86) Perylene-d12	15.36	264	197312	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	265593	31.99	ng	-0.01
7) Phenol-d6	6.40	99	438077	38.83	ng	-0.01
23) Nitrobenzene-d5	7.33	82	272790	31.82	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	25491	16.78	ng	-0.02
44) 2-Fluorobiphenyl	9.13	172	414591	34.80	ng	-0.01
78) Terphenyl-d14	12.88	244	300286	22.83	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.53	163	42563	3.327	ng	99

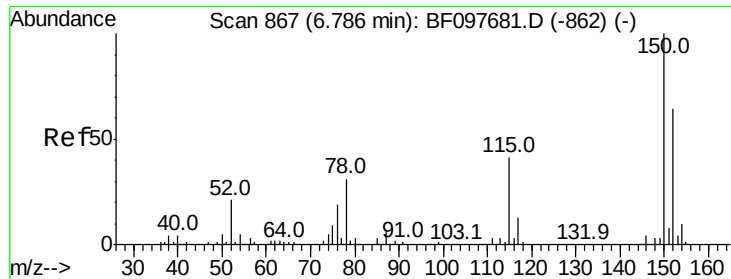
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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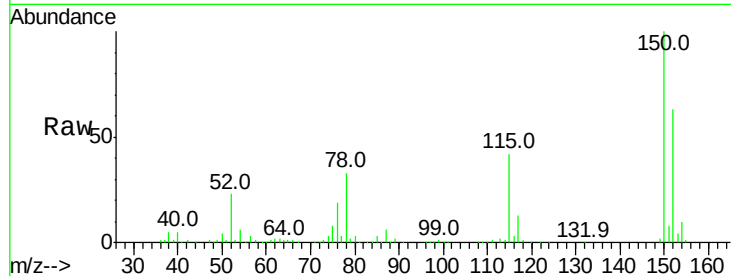


#1

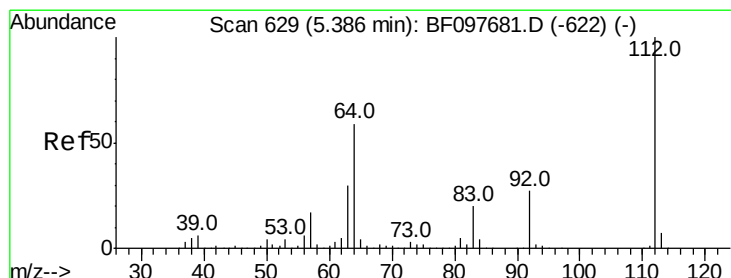
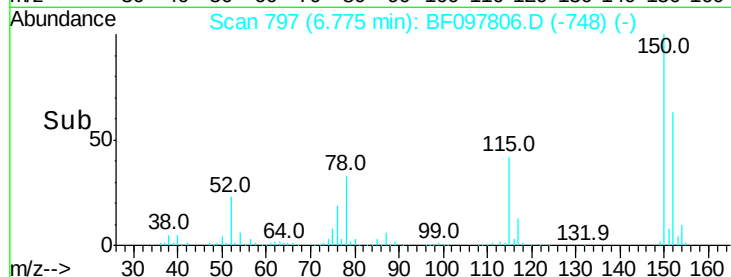
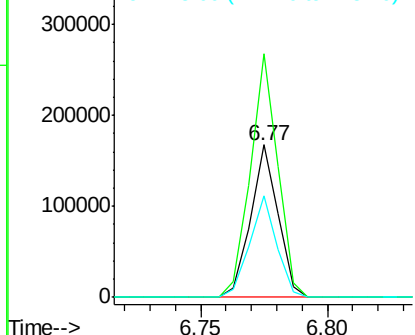
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF097806.D
Acq: 18 Aug 2017 00:41

Instrument :
BNA_F
ClientSampleId :
RUSB-01

Tot Ion:152 Resp: 126297
Ion Ratio Lower Upper
152 100
150 159.8 126.2 189.2
115 66.6 52.2 78.2



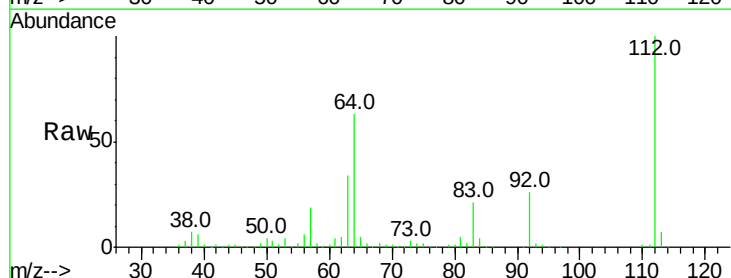
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



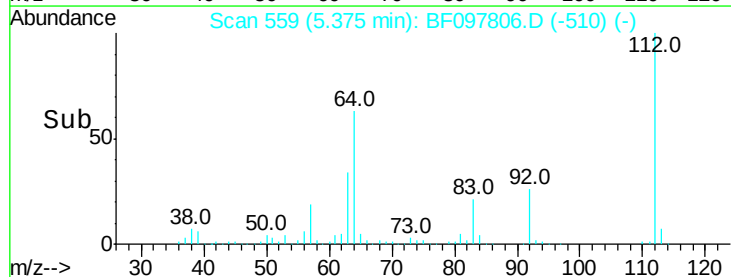
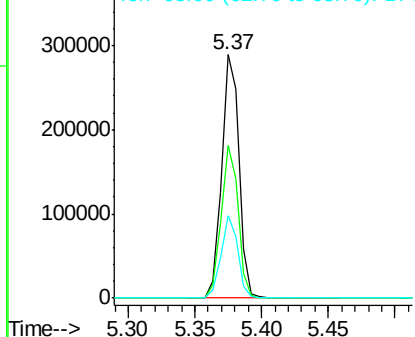
#5

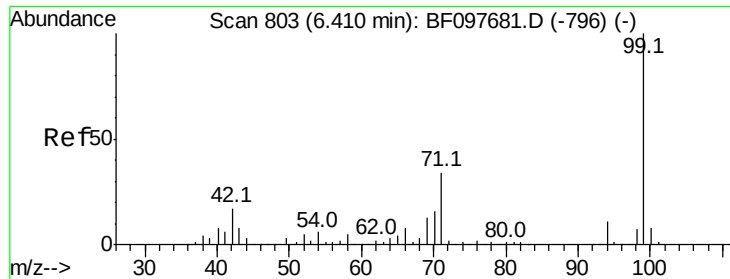
2-Fluorophenol
Concen: 31.987 ng
RT: 5.37 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF097806.D
Acq: 18 Aug 2017 00:41

Tgt Ion:112 Resp: 265593
Ion Ratio Lower Upper
112 100
64 62.9 46.0 69.0
63 33.6 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: 38.831 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF097806.D

Acq: 18 Aug 2017 00:41

Instrument :

BNA_F

ClientSampleId :

RUSB-01

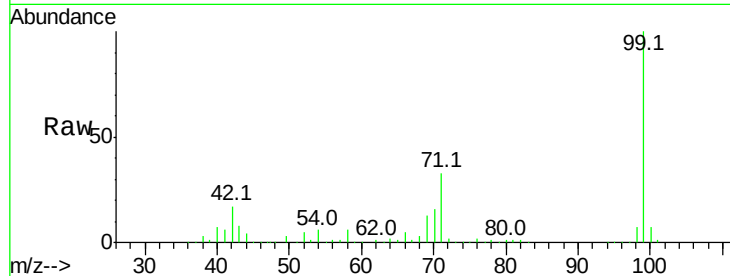
Tot Ion: 99 Resp: 438077

Ion Ratio Lower Upper

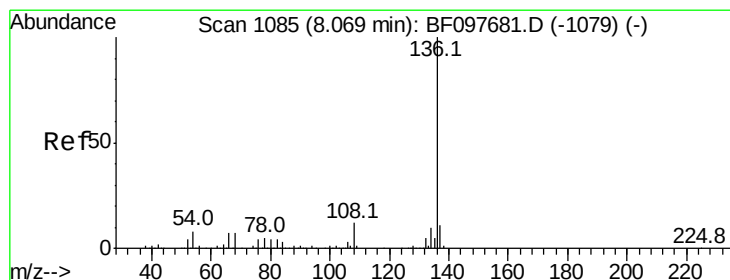
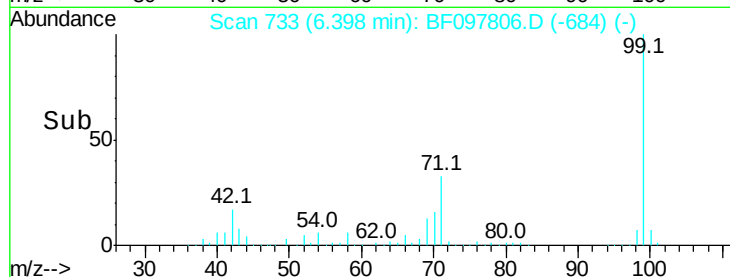
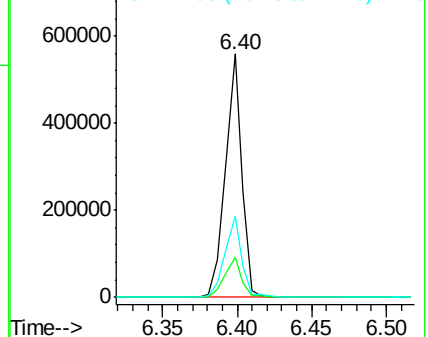
99 100

42 16.5 13.5 20.3

71 33.4 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# 1015

Delta R.T. -0.01 min

Lab File: BF097806.D

Acq: 18 Aug 2017 00:41

Tgt Ion: 136 Resp: 465761

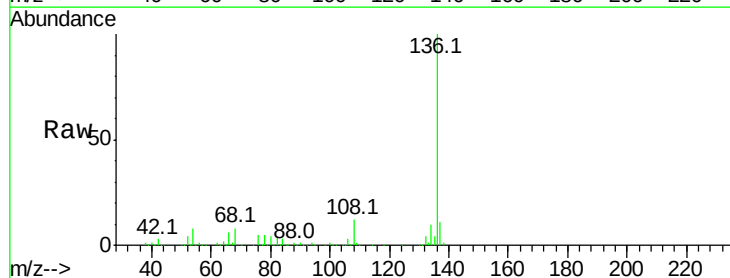
Ion Ratio Lower Upper

136 100

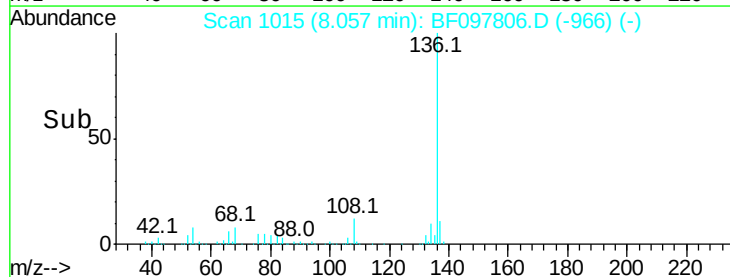
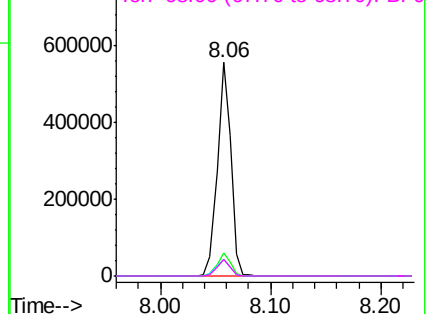
137 11.1 8.5 12.7

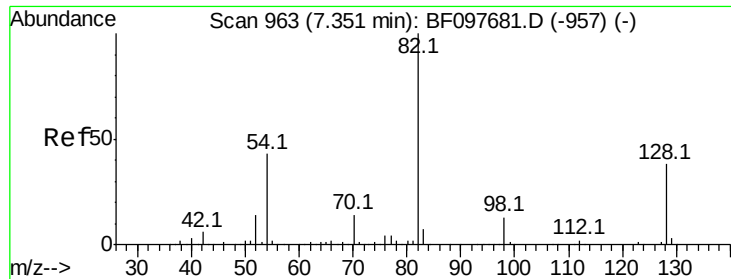
54 8.0 4.9 7.3#

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

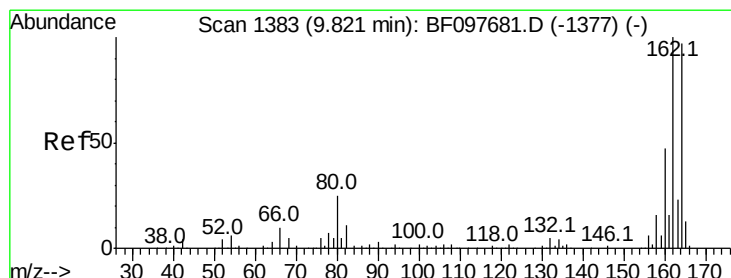
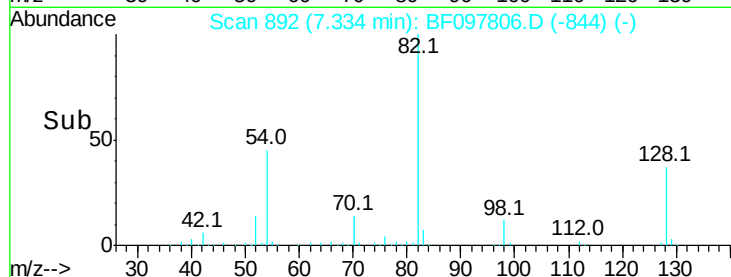
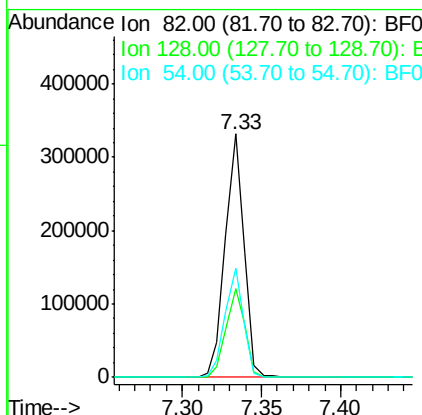
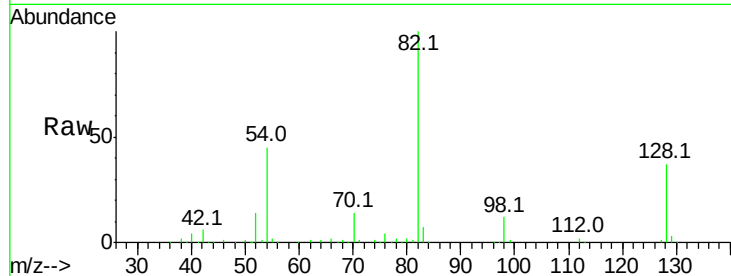




#23
 Nitrobenzene-d5
 Concen: 31.817 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.02 min
 Lab File: BF097806.D
 Acq: 18 Aug 2017 00:41

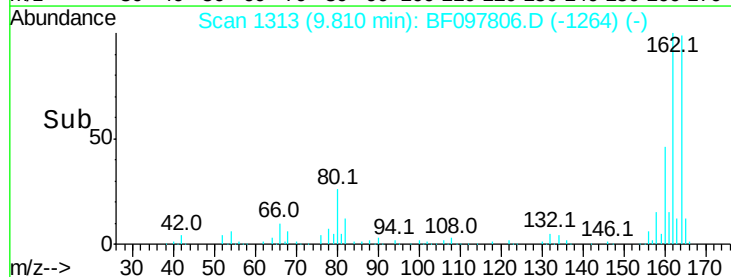
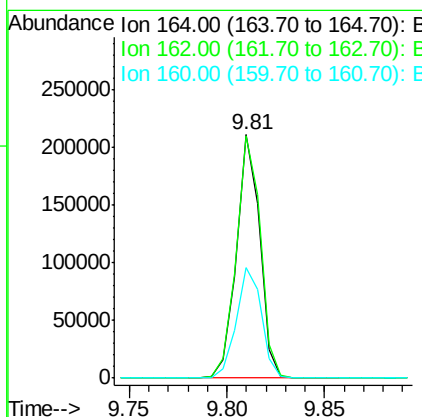
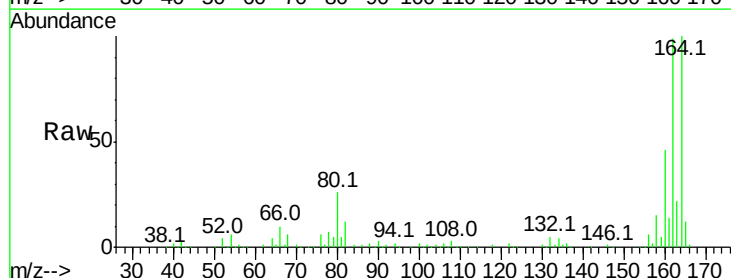
Instrument :
 BNA_F
 ClientSampleId :
 RUSB-01

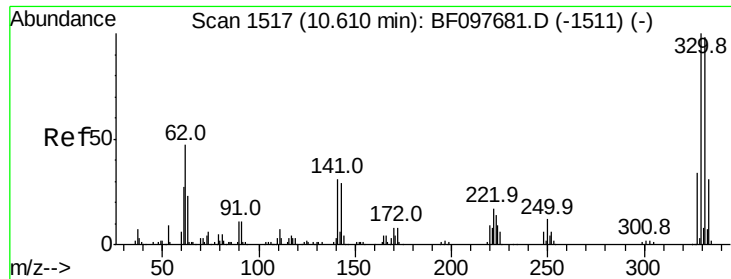
Tot Ion: 82 Resp: 272790
 Ion Ratio Lower Upper
 82 100
 128 36.7 34.0 51.0
 54 44.8 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF097806.D
 Acq: 18 Aug 2017 00:41

Tgt Ion:164 Resp: 175031
 Ion Ratio Lower Upper
 164 100
 162 99.3 82.6 123.8
 160 45.6 36.2 54.2

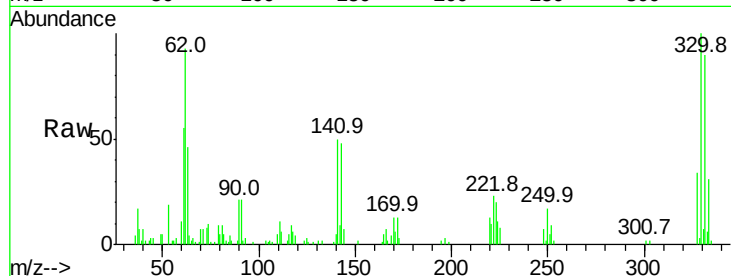




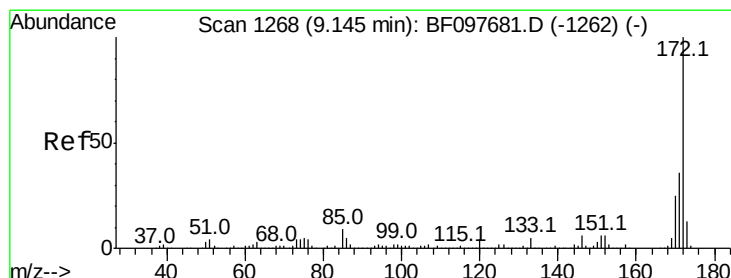
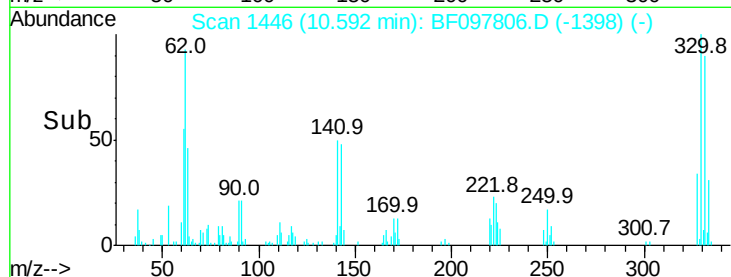
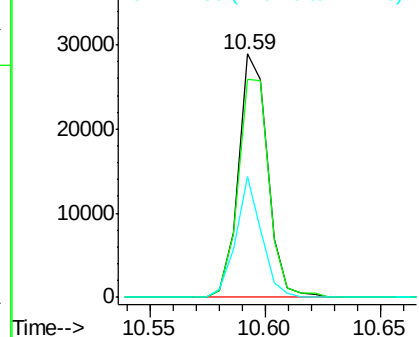
#41
 2,4,6-Tribromophenol
 Concen: 16.785 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.02 min
 Lab File: BF097806.D
 Acq: 18 Aug 2017 00:41

Instrument :
 BNA_F
 ClientSampleId :
 RUSB-01

Tot Ion:330 Resp: 25491
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.6 115.0
 141 43.3 31.4 47.2

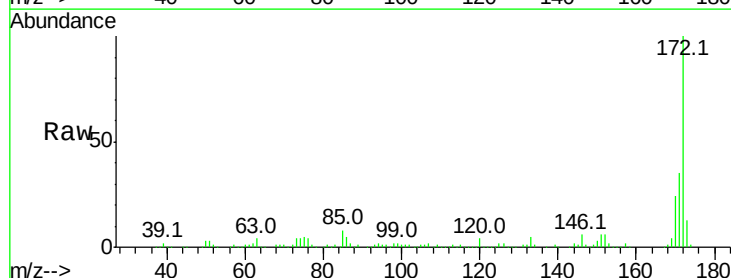


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

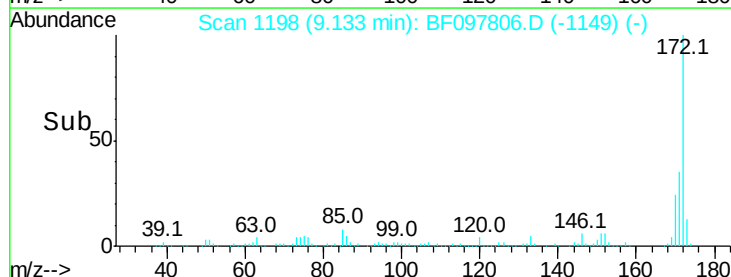
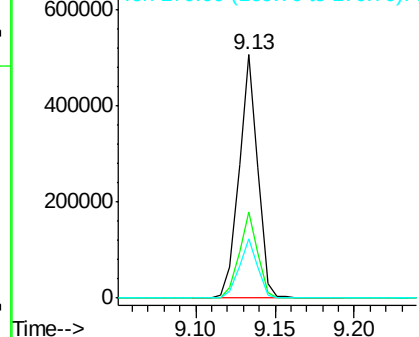


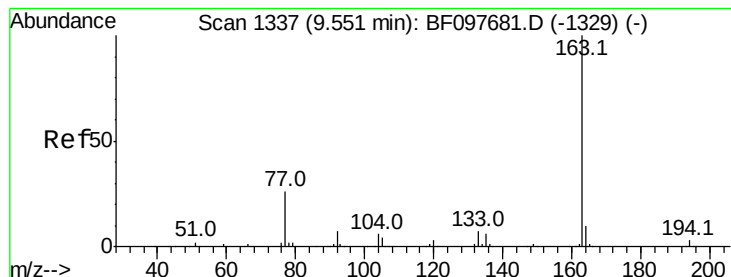
#44
 2-Fluorobiphenyl
 Concen: 34.801 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF097806.D
 Acq: 18 Aug 2017 00:41

Tgt Ion:172 Resp: 414591
 Ion Ratio Lower Upper
 172 100
 171 35.3 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: 3.327 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BF097806.D

Acq: 18 Aug 2017 00:41

Instrument :

BNA_F

ClientSampleId :

RUSB-01

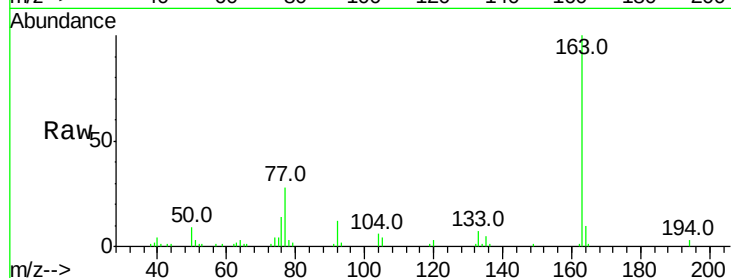
Tot Ion:163 Resp: 42563

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

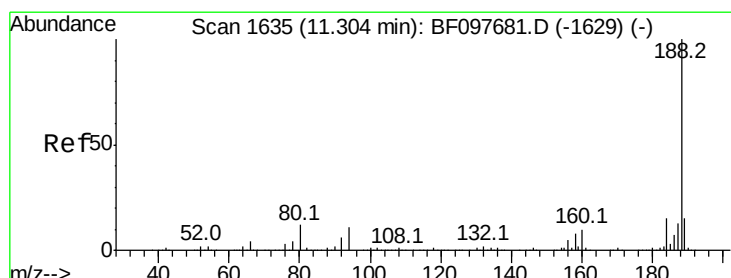
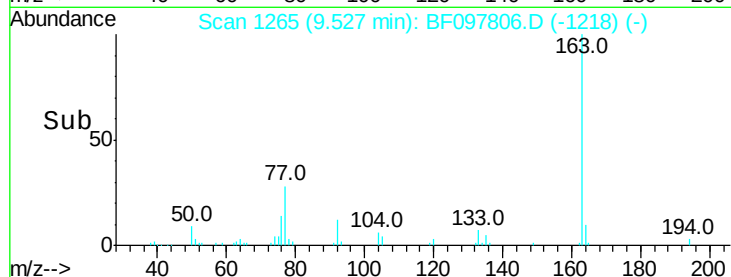
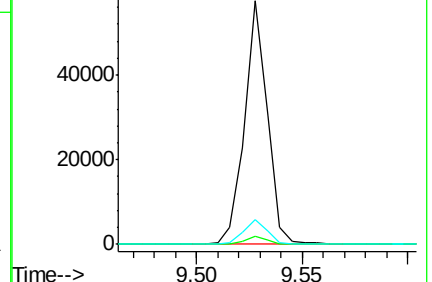
164 10.0 8.4 12.6



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: 11.29 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF097806.D

Acq: 18 Aug 2017 00:41

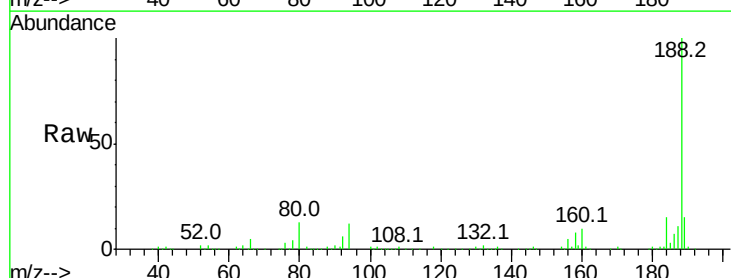
Tgt Ion:188 Resp: 293091

Ion Ratio Lower Upper

188 100

94 12.0 9.4 14.2

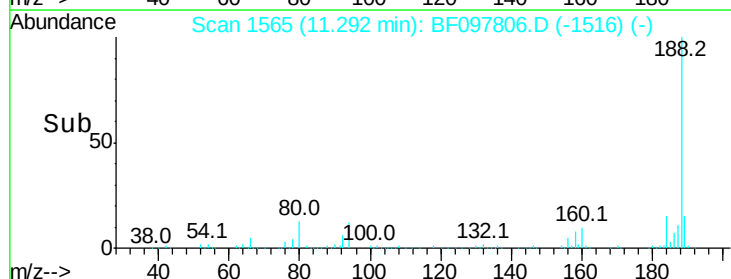
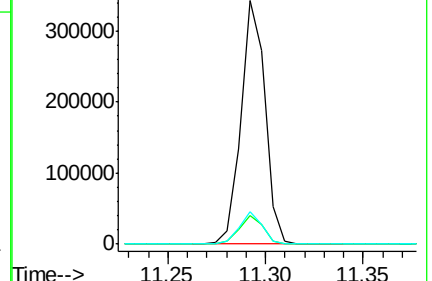
80 13.4 10.2 15.2

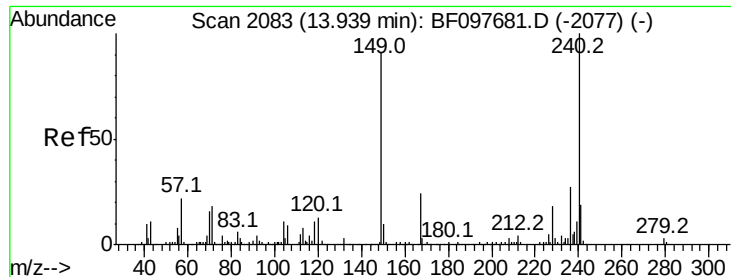


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF097806.D

Acq: 18 Aug 2017 00:41

Instrument :

BNA_F

ClientSampleId :

RUSB-01

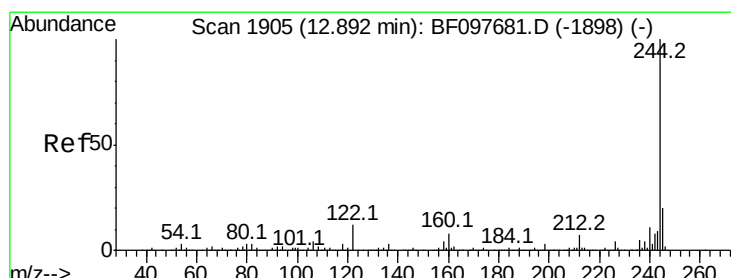
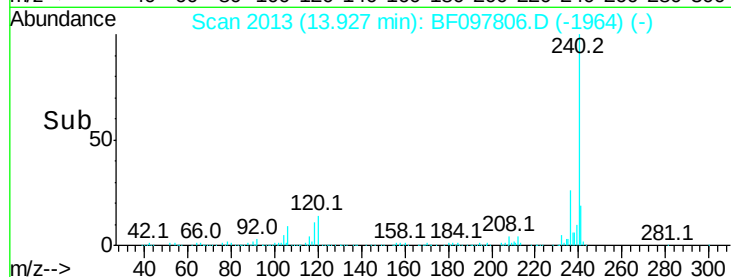
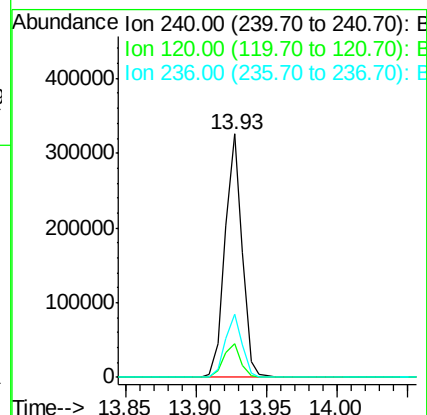
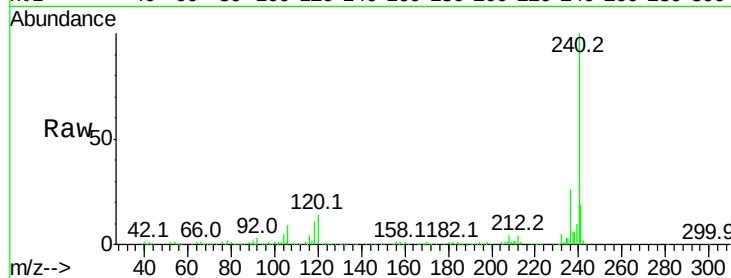
Tot Ion:240 Resp: 274257

Ion Ratio Lower Upper

240 100

120 13.8 5.8 8.8#

236 25.8 20.5 30.7



#78

Terphenyl-d14

Concen: 22.832 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BF097806.D

Acq: 18 Aug 2017 00:41

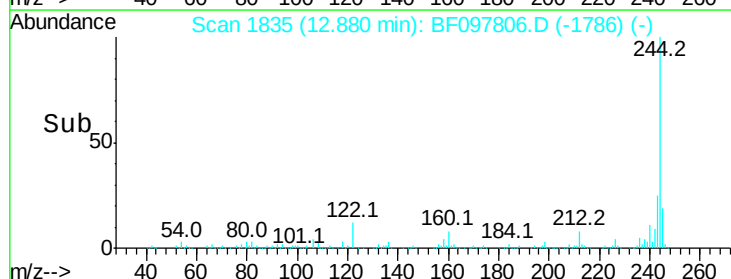
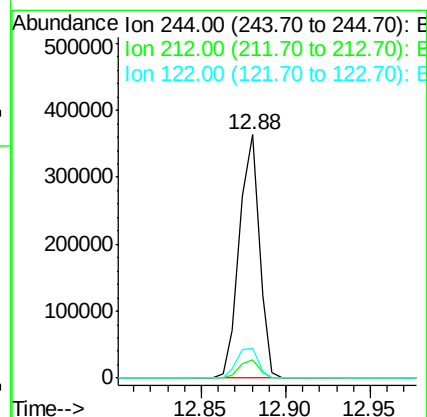
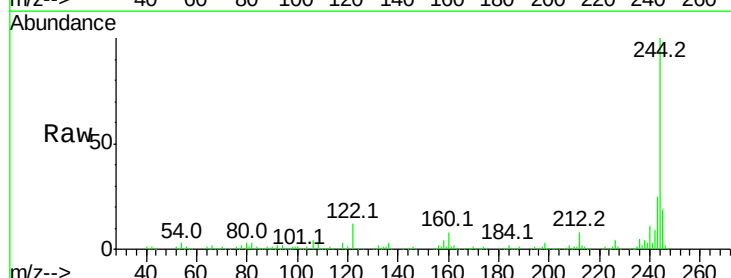
Tgt Ion:244 Resp: 300286

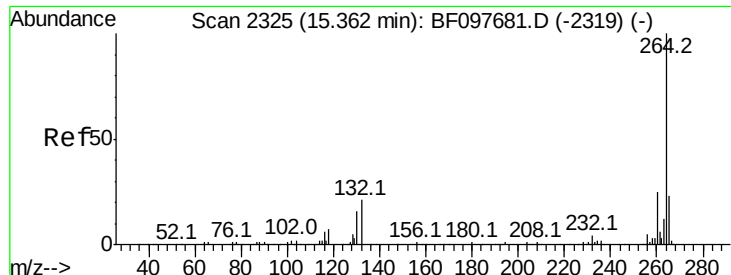
Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

122 12.3 10.3 15.5

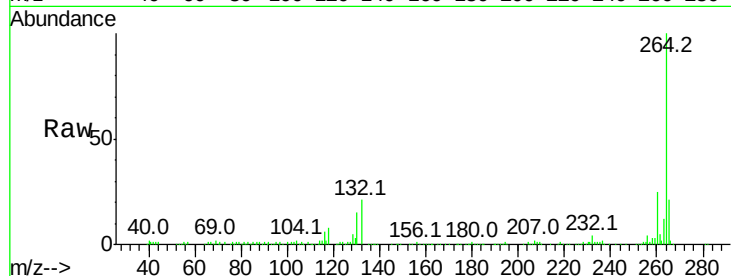




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.36 min Scan# 2256
 Delta R.T. -0.01 min
 Lab File: BF097806.D
 Acq: 18 Aug 2017 00:41

Instrument :
 BNA_F
 ClientSampleId :
 RUSB-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.5	29.3
265	20.9	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

