

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
 Data File : BF097793.D
 Acq On : 17 Aug 2017 18:34
 Operator : SJ/JU
 Sample : I4821-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-009-A

Quant Time: Aug 18 03:21:21 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

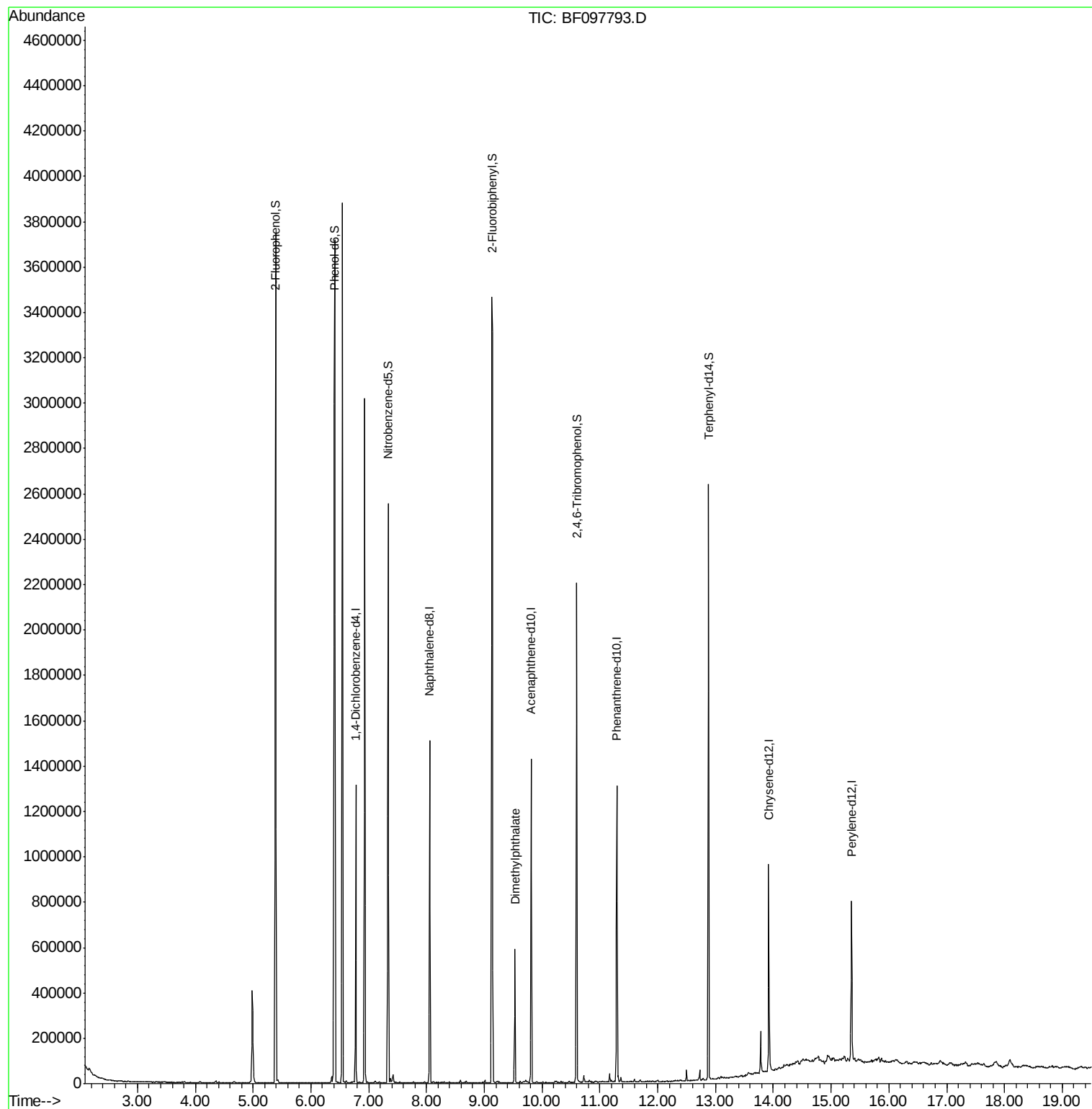
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	158602	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	612793	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	252113	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	413991	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	305496	20.00	ng	-0.01
86) Perylene-d12	15.36	264	294013	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1152680	110.55	ng	0.00
7) Phenol-d6	6.41	99	1576262	111.26	ng	0.00
23) Nitrobenzene-d5	7.34	82	956553	84.80	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	248686	113.69	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1171377	68.26	ng	0.00
78) Terphenyl-d14	12.88	244	766893	52.35	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.53	163	184169	9.994	ng	Qvalue 100

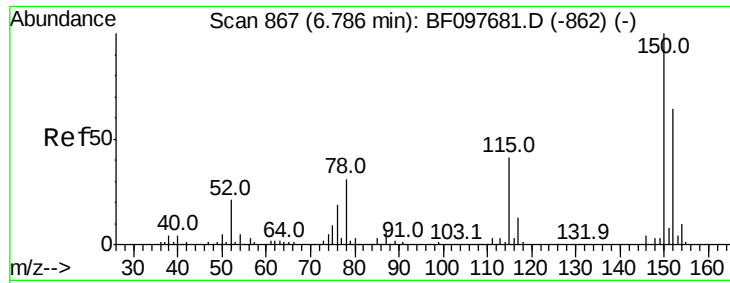
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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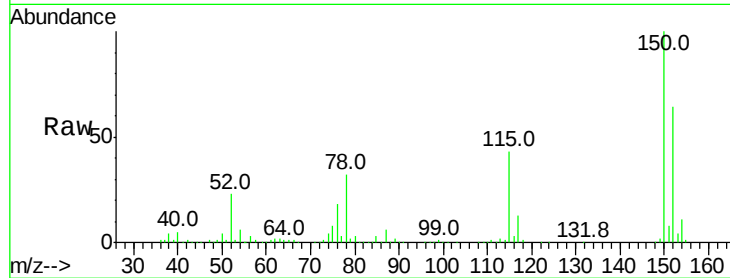


#1

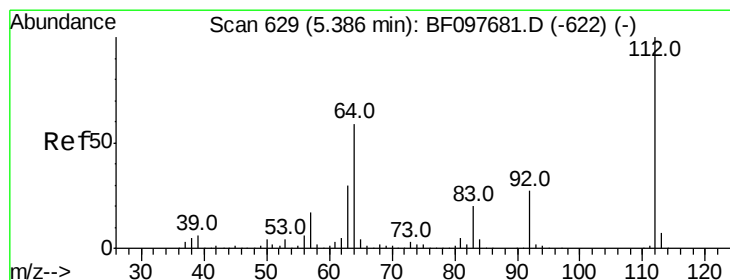
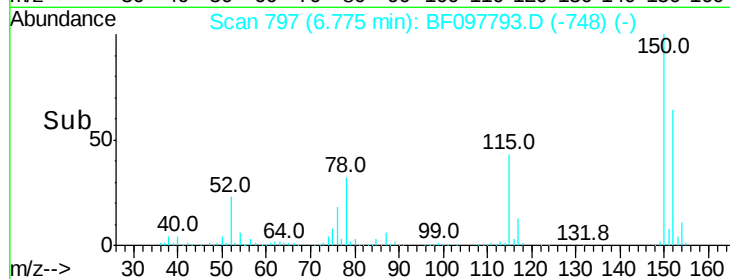
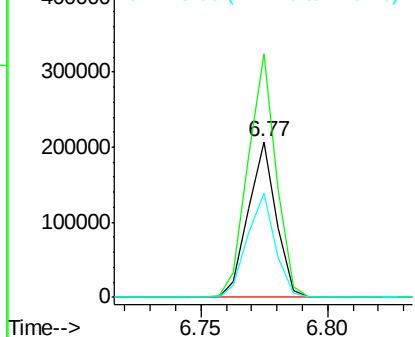
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF097793.D
Acq: 17 Aug 2017 18:34

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-009-A

Tot Ion:152 Resp: 158602
Ion Ratio Lower Upper
152 100
150 156.1 126.2 189.2
115 67.0 52.2 78.2



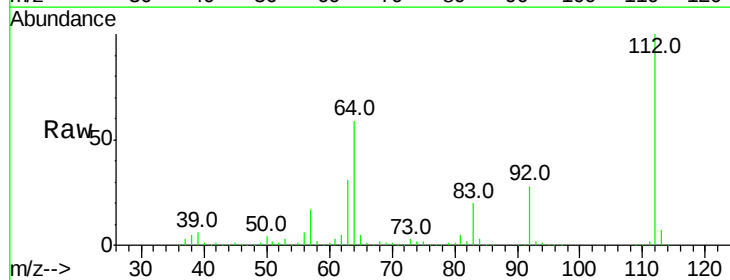
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



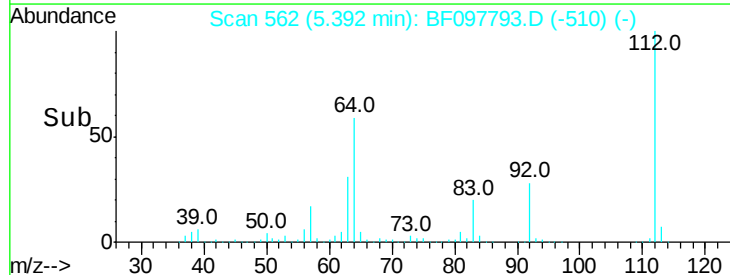
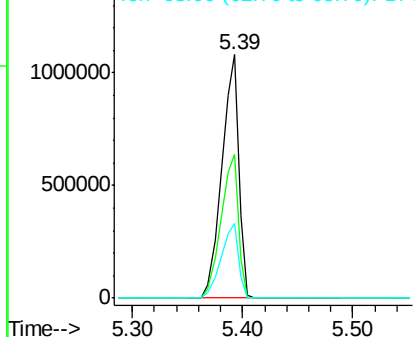
#5

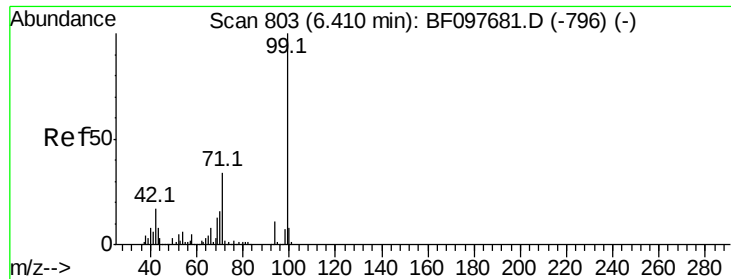
2-Fluorophenol
Concen: 110.548 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF097793.D
Acq: 17 Aug 2017 18:34

Tgt Ion:112 Resp: 1152680
Ion Ratio Lower Upper
112 100
64 59.2 46.0 69.0
63 30.6 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: 111.261 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF097793.D

Acq: 17 Aug 2017 18:34

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-009-A

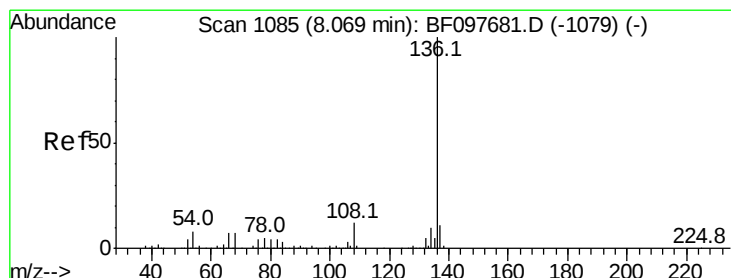
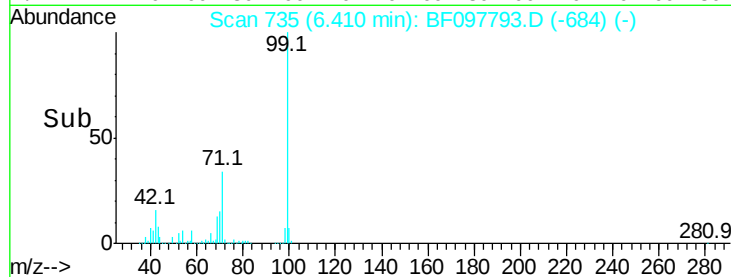
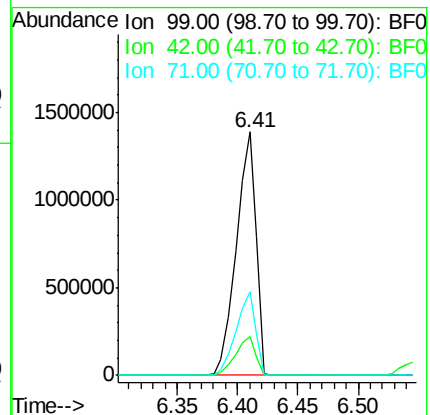
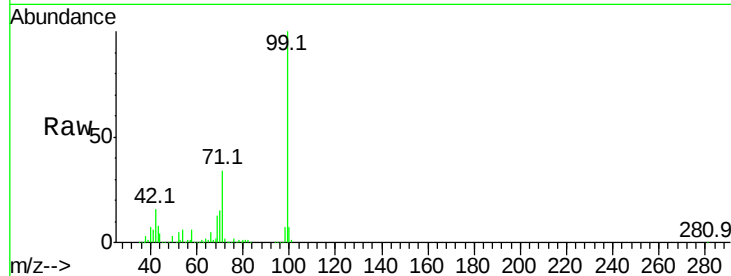
Tot Ion: 99 Resp: 1576262

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

71 34.4 24.5 36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF097793.D

Acq: 17 Aug 2017 18:34

Tgt Ion: 136 Resp: 612793

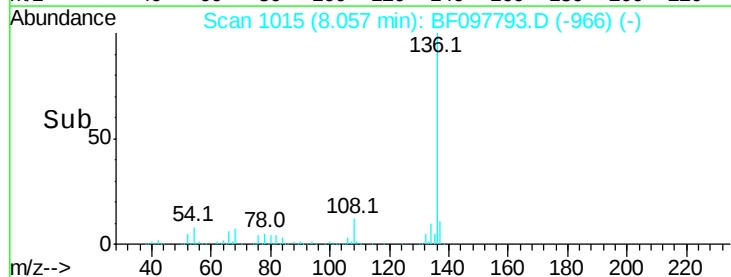
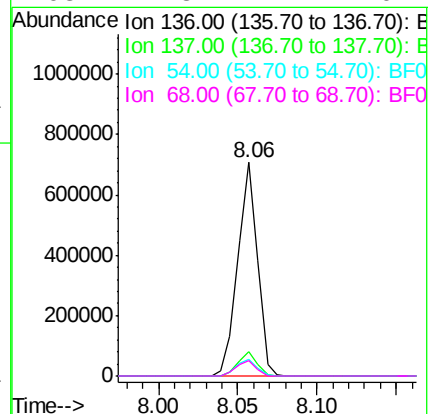
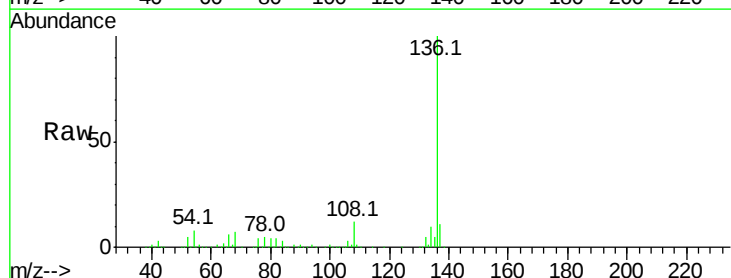
Ion Ratio Lower Upper

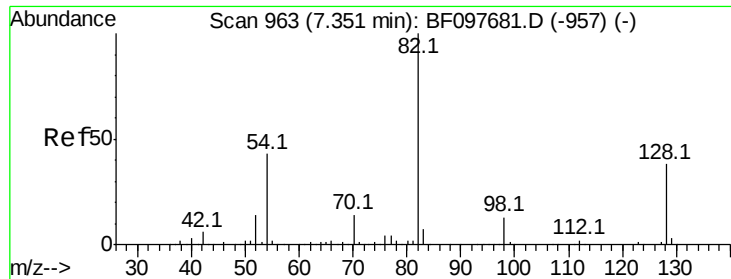
136 100

137 11.2 8.5 12.7

54 7.6 4.9 7.3#

68 7.3 4.1 6.1#

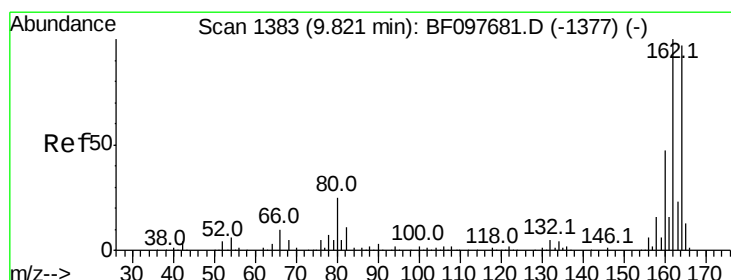
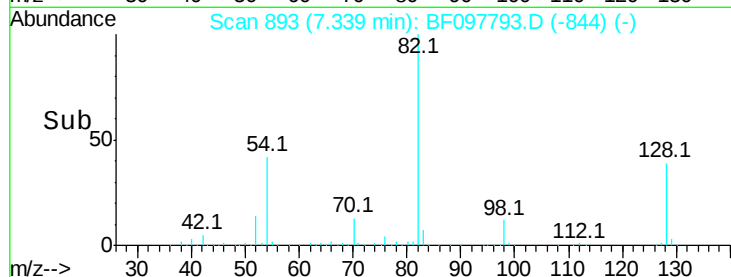
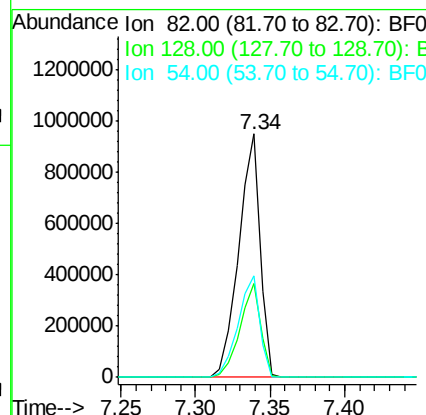
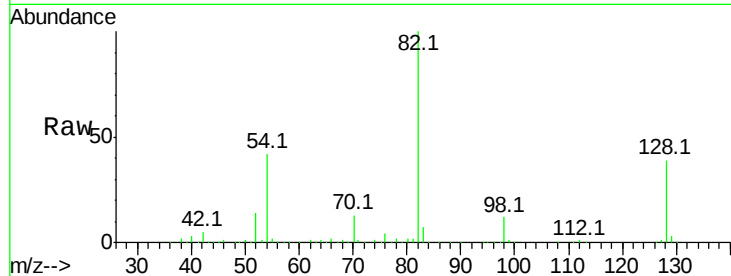




#23
 Nitrobenzene-d5
 Concen: 84.799 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF097793.D
 Acq: 17 Aug 2017 18:34

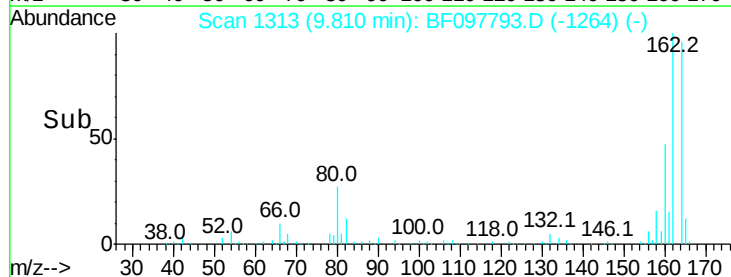
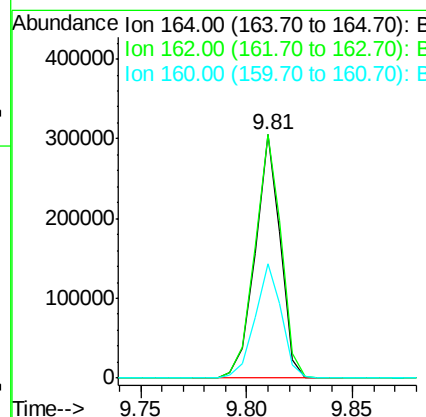
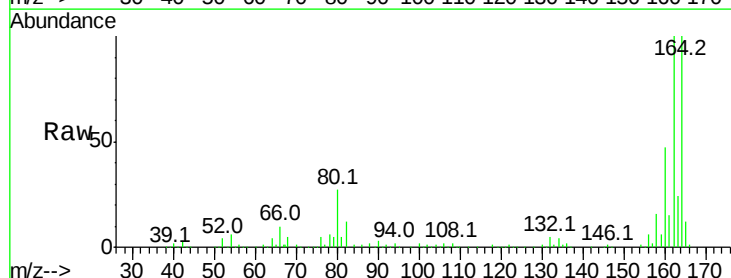
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-009-A

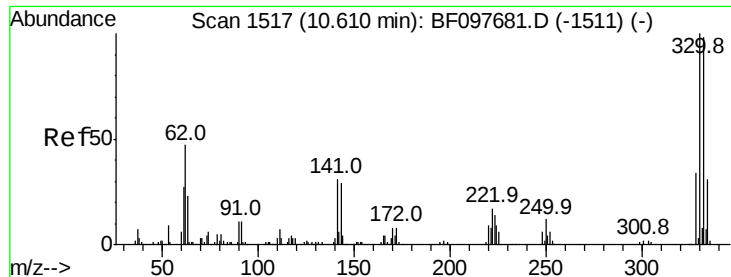
Tot Ion: 82 Resp: 956553
 Ion Ratio Lower Upper
 82 100
 128 38.7 34.0 51.0
 54 41.5 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF097793.D
 Acq: 17 Aug 2017 18:34

Tgt Ion:164 Resp: 252113
 Ion Ratio Lower Upper
 164 100
 162 100.2 82.6 123.8
 160 47.1 36.2 54.2

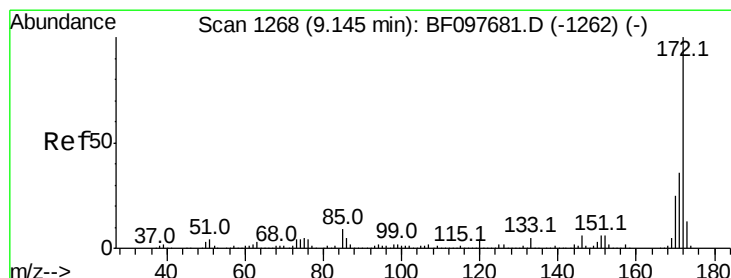
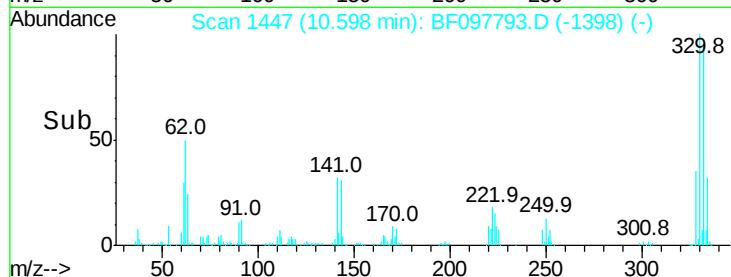
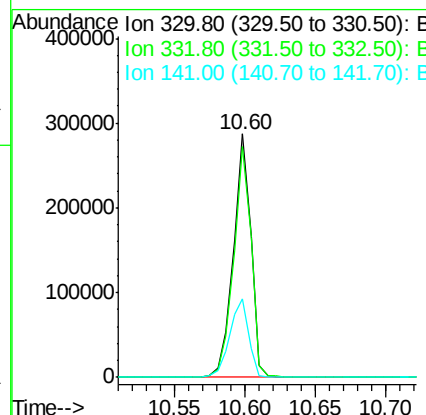
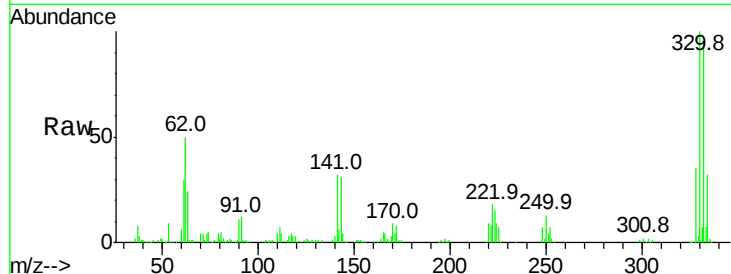




#41
 2,4,6-Tribromophenol
 Concen: 113.685 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF097793.D
 Acq: 17 Aug 2017 18:34

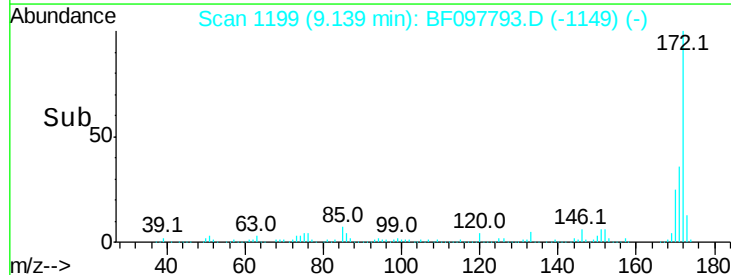
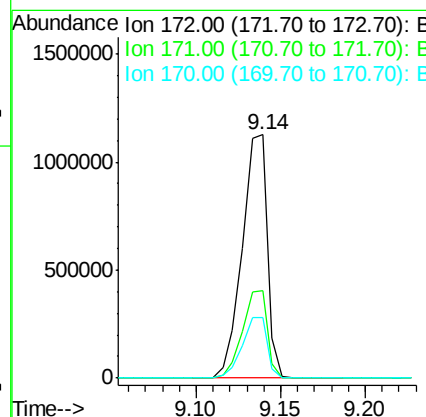
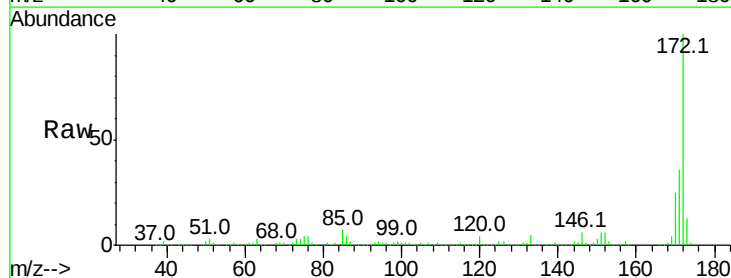
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-009-A

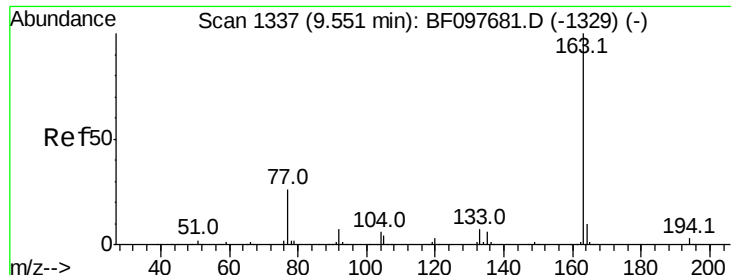
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.6	115.0
141	34.9	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 68.263 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF097793.D
 Acq: 17 Aug 2017 18:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.7	19.8	29.8

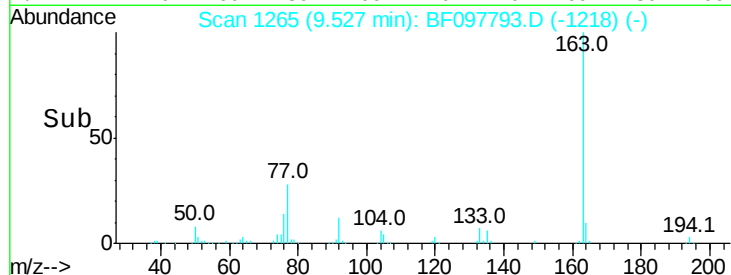
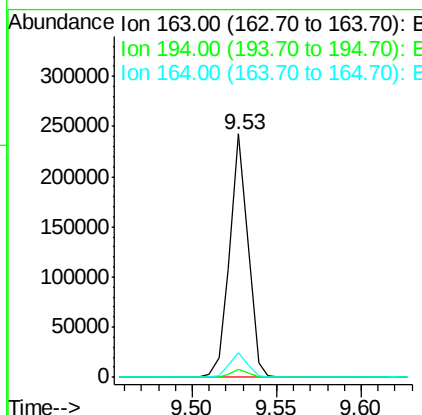
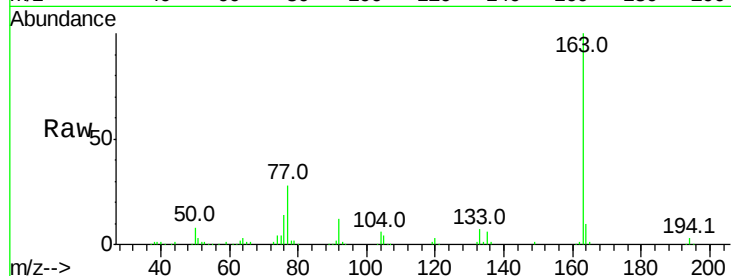




#49
Dimethylphthalate
Concen: 9.994 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF097793.D
Acq: 17 Aug 2017 18:34

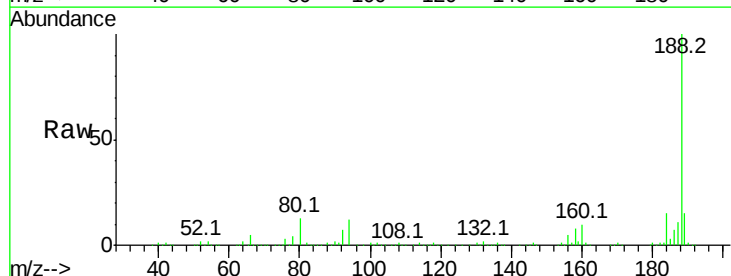
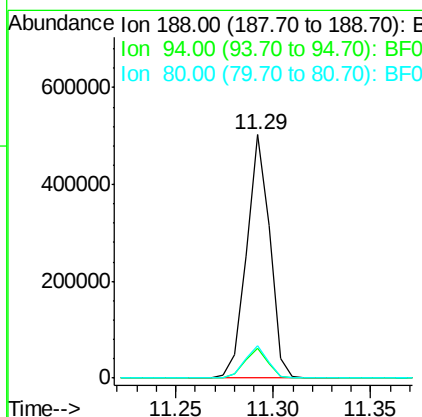
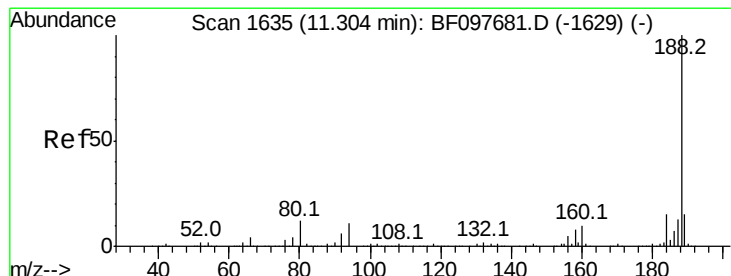
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-009-A

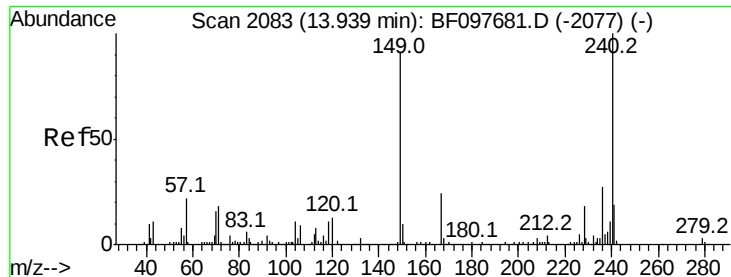
Tot Ion:163 Resp: 184169
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.3 8.4 12.6



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF097793.D
Acq: 17 Aug 2017 18:34

Tgt Ion:188 Resp: 413991
Ion Ratio Lower Upper
188 100
94 12.3 9.4 14.2
80 13.4 10.2 15.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF097793.D

Acq: 17 Aug 2017 18:34

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-009-A

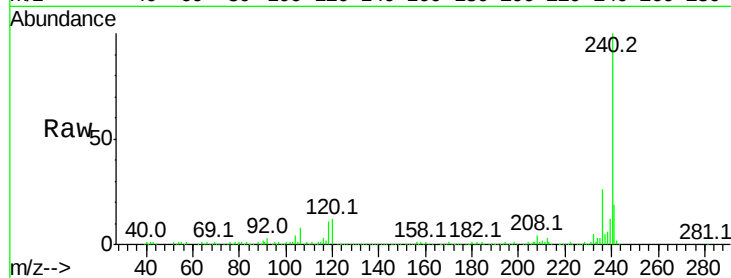
Tot Ion:240 Resp: 305496

Ion Ratio Lower Upper

240 100

120 12.1 5.8 8.8#

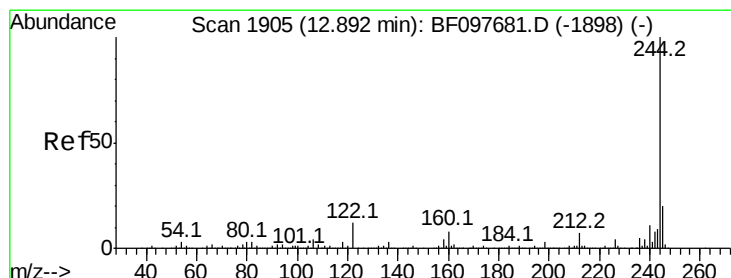
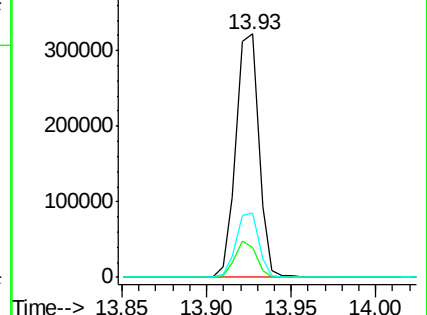
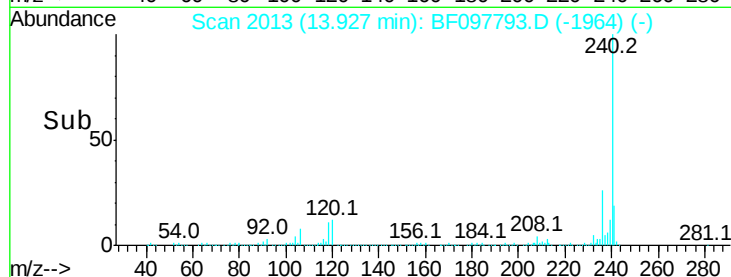
236 26.2 20.5 30.7



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: 52.349 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BF097793.D

Acq: 17 Aug 2017 18:34

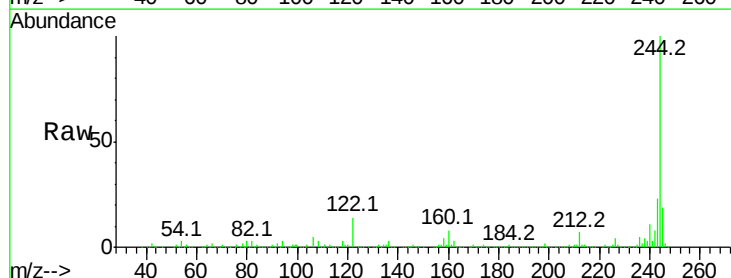
Tgt Ion:244 Resp: 766893

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

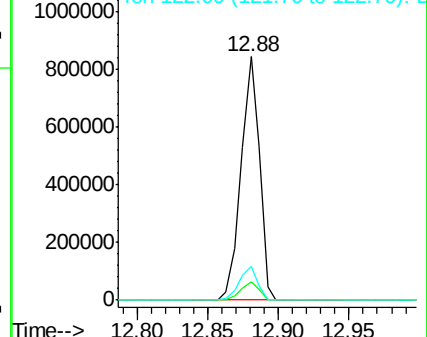
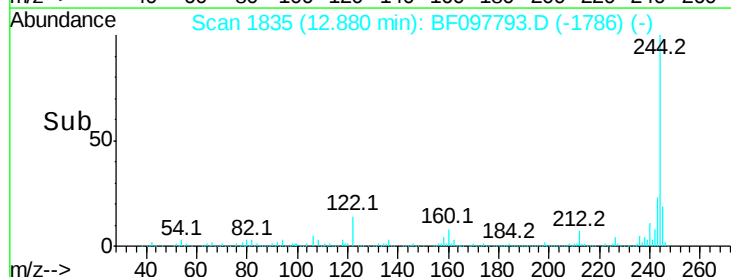
122 13.7 10.3 15.5

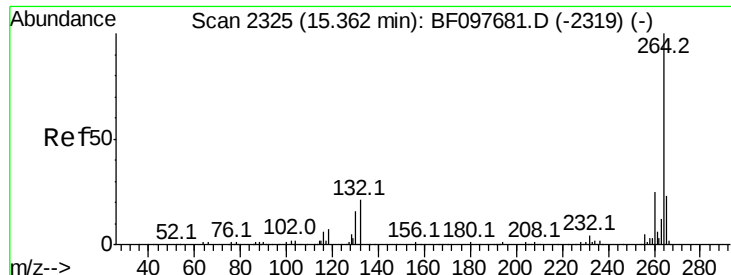


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

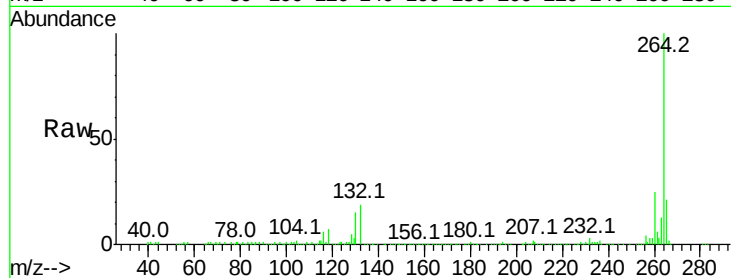




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.36 min Scan# 2256
 Delta R.T. -0.01 min
 Lab File: BF097793.D
 Acq: 17 Aug 2017 18:34

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-009-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	21.1	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

