

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
 Data File : BF097704.D
 Acq On : 15 Aug 2017 21:25
 Operator : SJ/JU
 Sample : I4700-01 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-01-080917-A

Quant Time: Aug 16 05:04:42 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

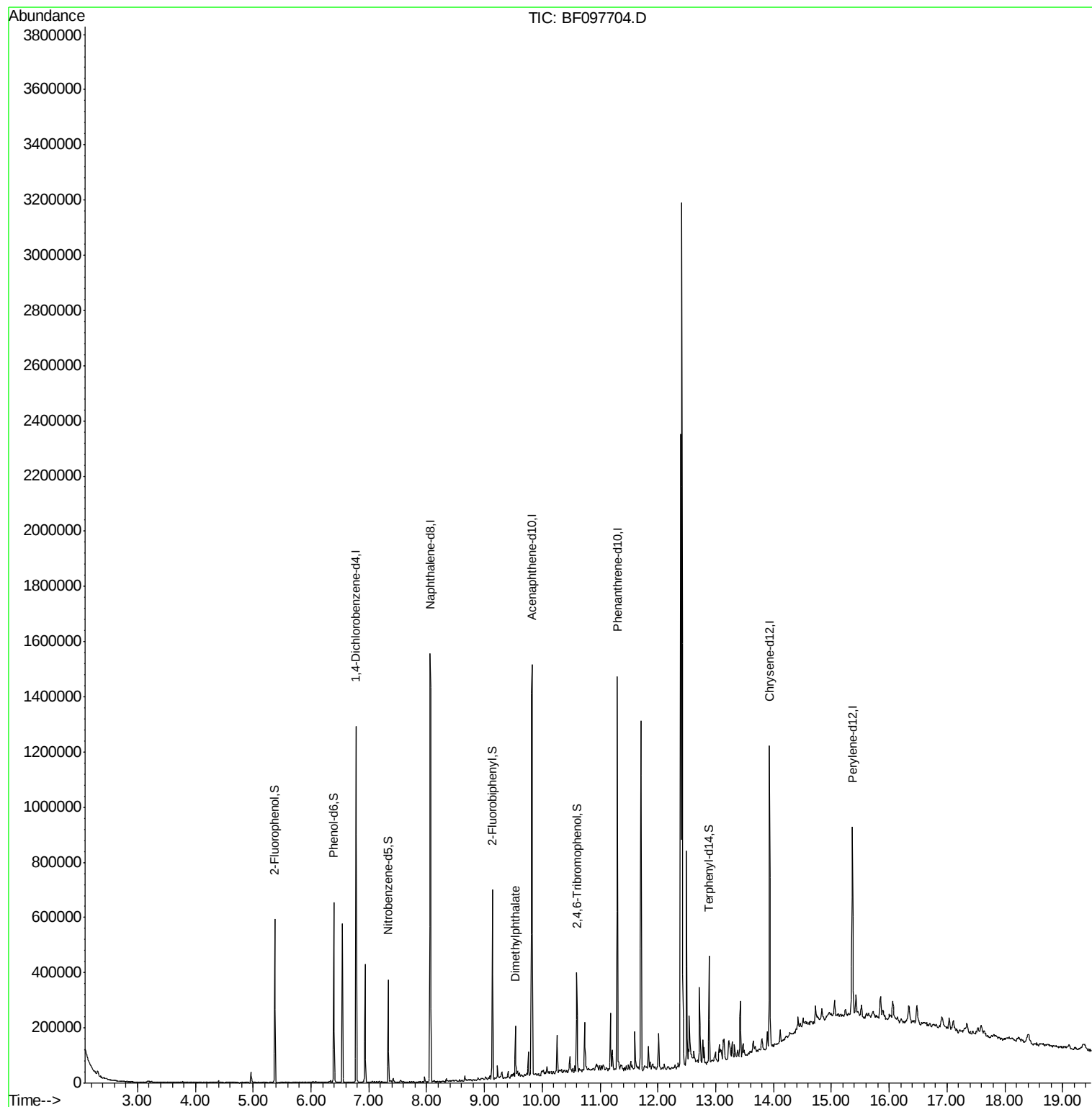
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	165340	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	650761	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	282053	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	479918	20.00	ng	0.00
75) Chrysene-d12	13.93	240	328332	20.00	ng	0.00
86) Perylene-d12	15.36	264	320813	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	140595	12.93	ng	-0.01
7) Phenol-d6	6.40	99	190101	12.87	ng	-0.01
23) Nitrobenzene-d5	7.34	82	102592	8.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	27428	11.21	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	165904	8.64	ng	0.00
78) Terphenyl-d14	12.89	244	99568	6.32	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.53	163	54238	2.631	ng	Qvalue # 99

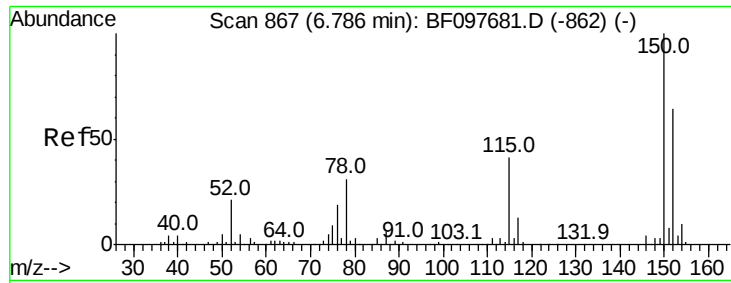
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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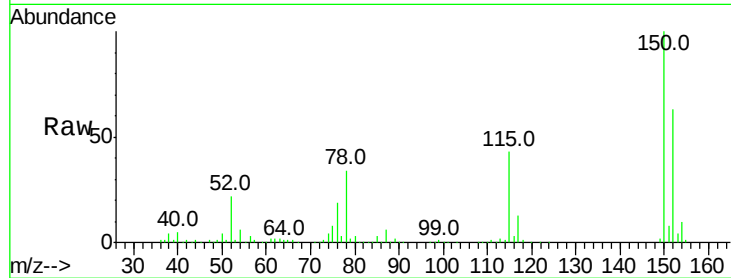


#1

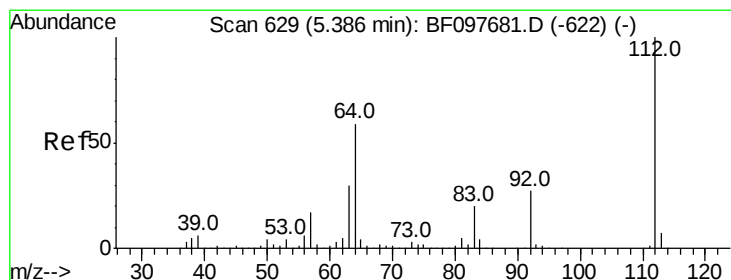
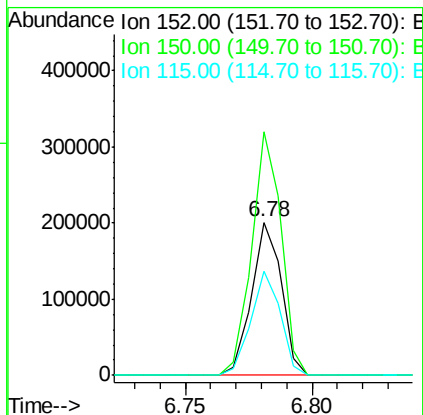
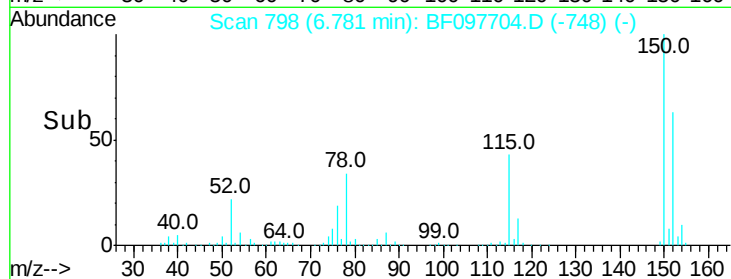
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF097704.D
 Acq: 15 Aug 2017 21:25

Instrument :
 BNA_F
 ClientSampleId :
 NB-01-080917-A

Tot Ion:152 Resp: 165340
 Ion Ratio Lower Upper
 152 100
 150 159.3 126.2 189.2
 115 67.8 52.2 78.2



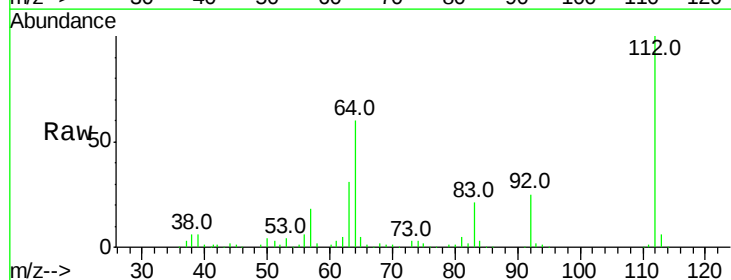
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



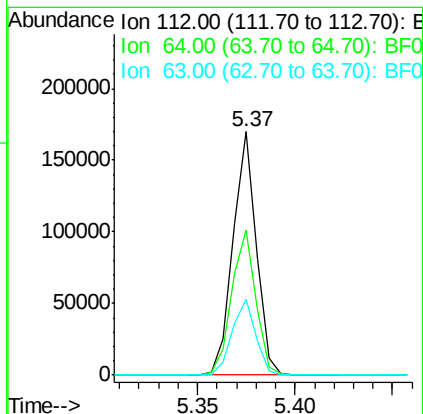
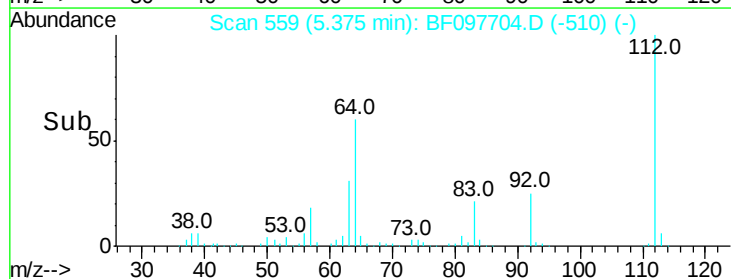
#5

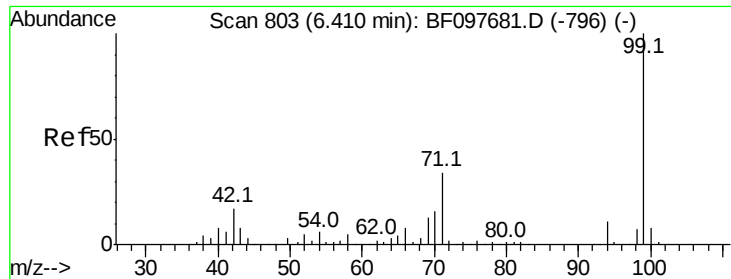
2-Fluorophenol
 Concen: 12.934 ng
 RT: 5.37 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: BF097704.D
 Acq: 15 Aug 2017 21:25

Tgt Ion:112 Resp: 140595
 Ion Ratio Lower Upper
 112 100
 64 59.6 46.0 69.0
 63 31.3 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: 12.871 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF097704.D

Acq: 15 Aug 2017 21:25

Instrument :

BNA_F

ClientSampleId :

NB-01-080917-A

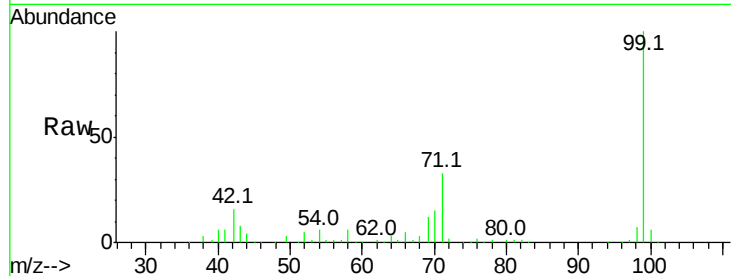
Tot Ion: 99 Resp: 190101

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

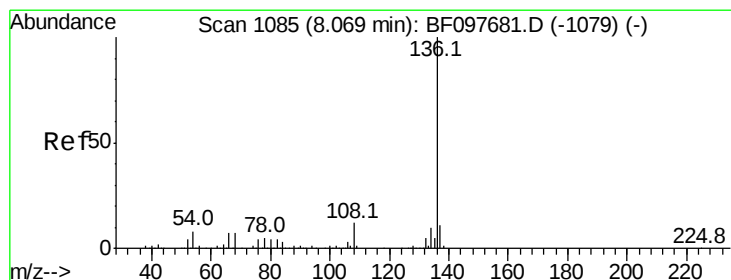
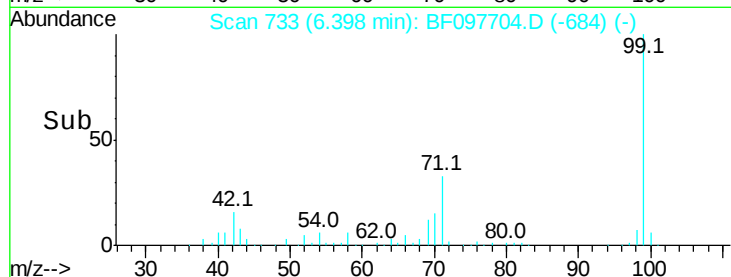
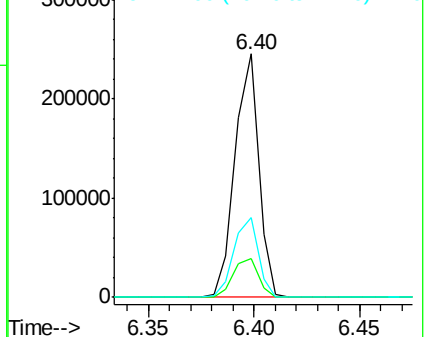
71 32.9 24.5 36.7



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: BF097704.D

Acq: 15 Aug 2017 21:25

Tgt Ion: 136 Resp: 650761

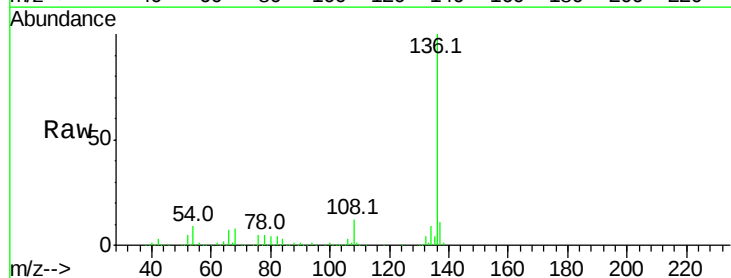
Ion Ratio Lower Upper

136 100

137 11.4 8.5 12.7

54 8.6 4.9 7.3#

68 7.7 4.1 6.1#

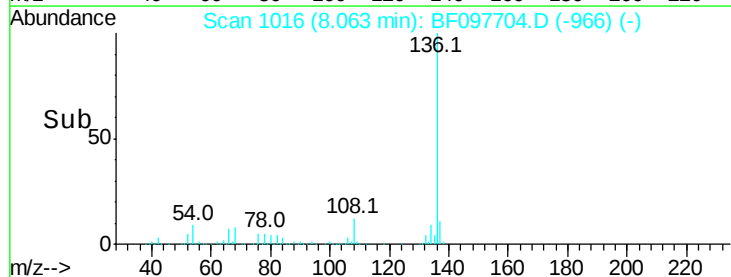
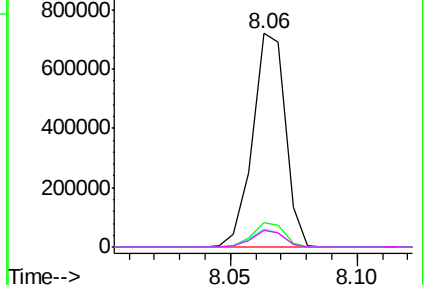


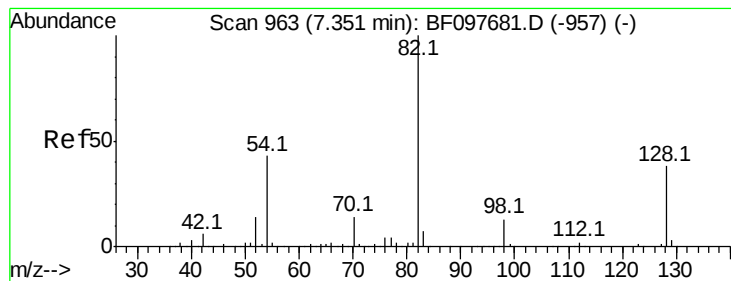
Abundance Ion 136.00 (135.70 to 136.70): E

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: 8.564 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.01 min

Lab File: BF097704.D

Acq: 15 Aug 2017 21:25

Instrument :

BNA_F

ClientSampleId :

NB-01-080917-A

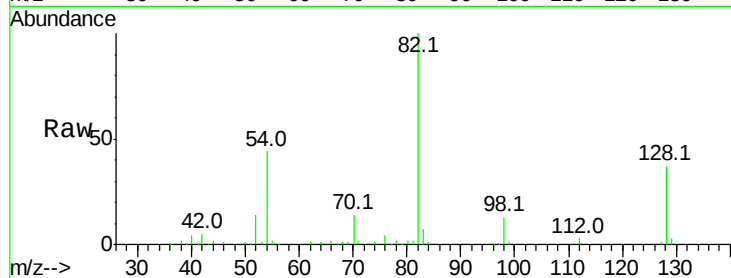
Tot Ion: 82 Resp: 102592

Ion Ratio Lower Upper

82 100

128 37.1 34.0 51.0

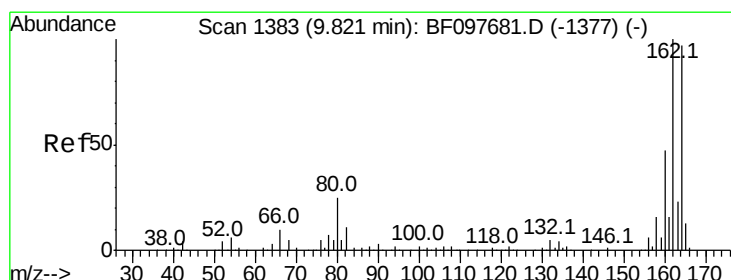
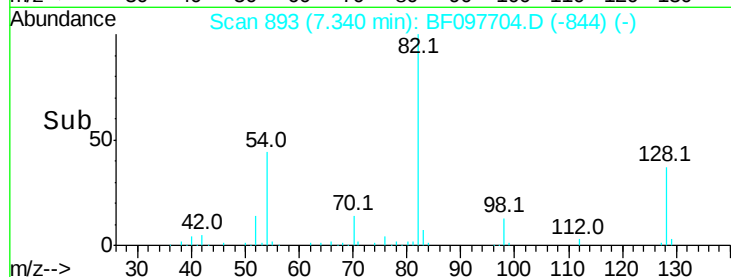
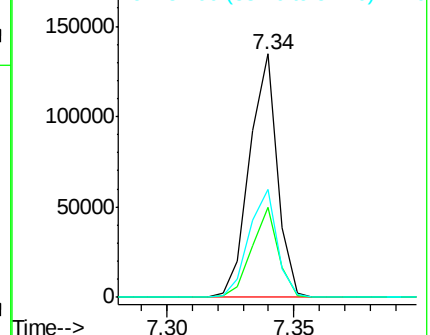
54 44.2 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.00 min

Lab File: BF097704.D

Acq: 15 Aug 2017 21:25

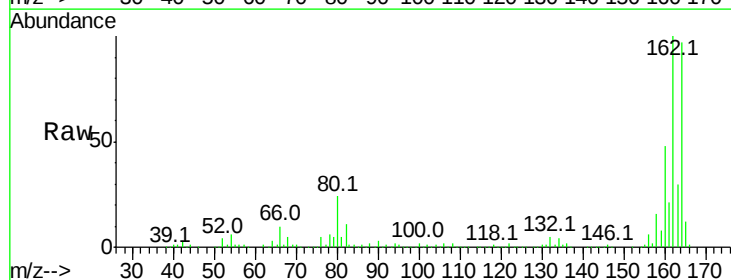
Tgt Ion: 164 Resp: 282053

Ion Ratio Lower Upper

164 100

162 103.3 82.6 123.8

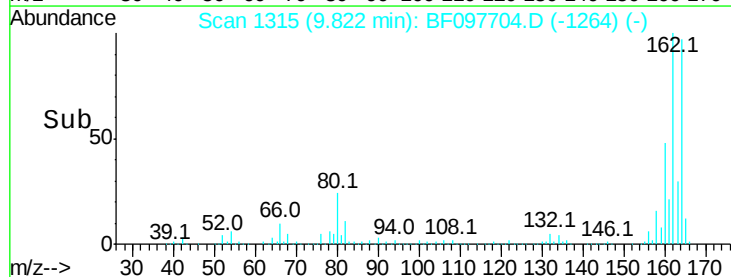
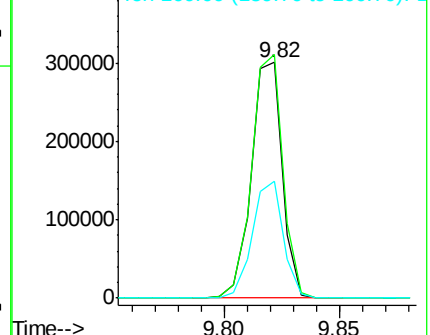
160 49.3 36.2 54.2



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

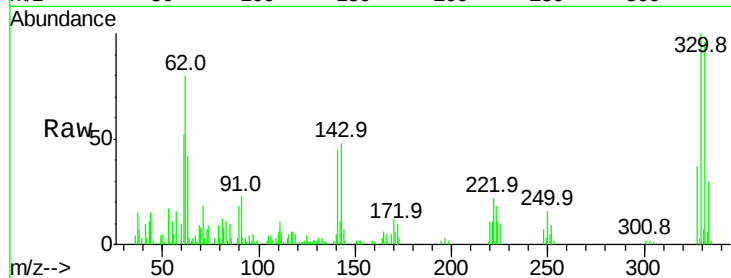




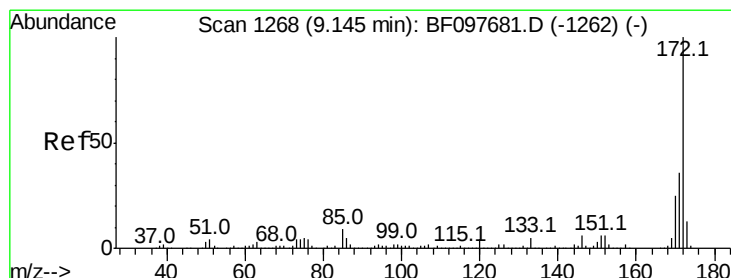
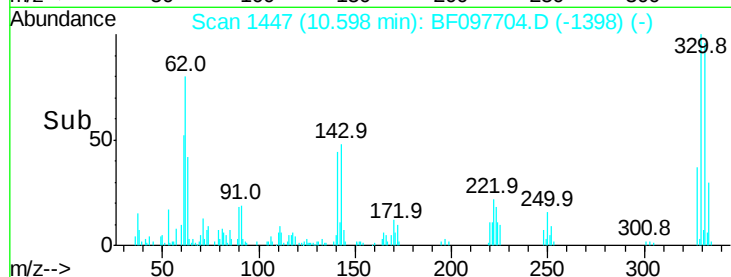
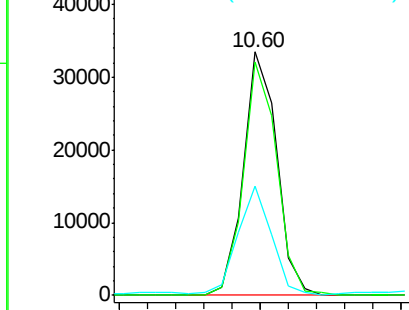
#41
 2,4,6-Tribromophenol
 Concen: 11.208 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF097704.D
 Acq: 15 Aug 2017 21:25

Instrument :
 BNA_F
 ClientSampleId :
 NB-01-080917-A

Tot Ion:330 Resp: 27428
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 115.0
 141 46.2 31.4 47.2

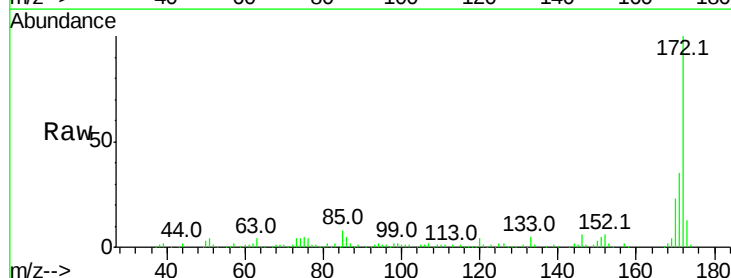


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

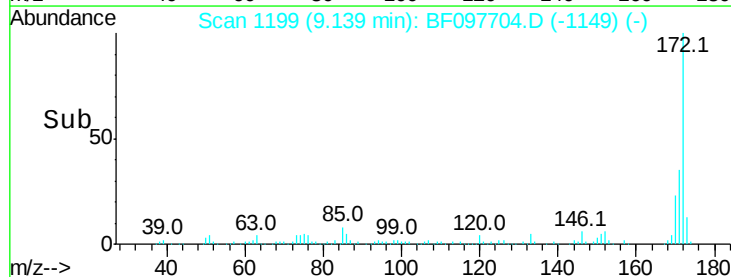
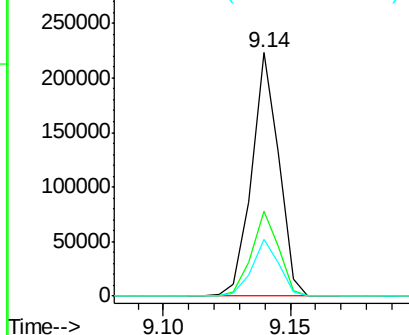


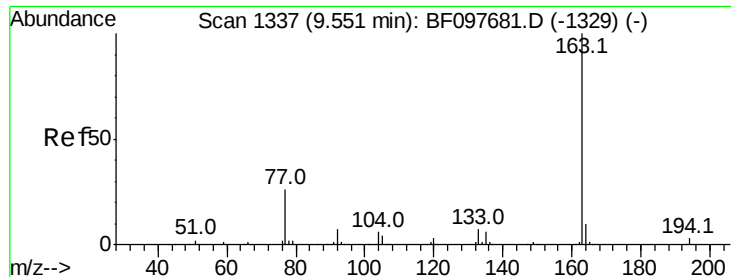
#44
 2-Fluorobiphenyl
 Concen: 8.642 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF097704.D
 Acq: 15 Aug 2017 21:25

Tgt Ion:172 Resp: 165904
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.6 44.4
 170 23.2 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

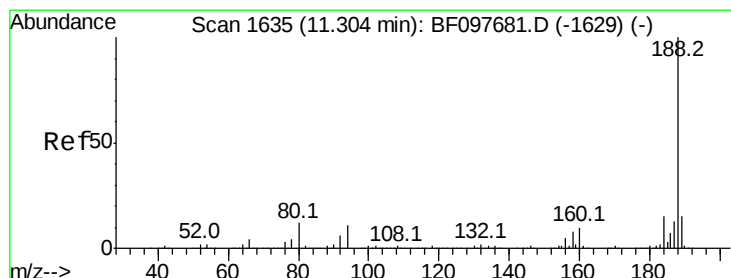
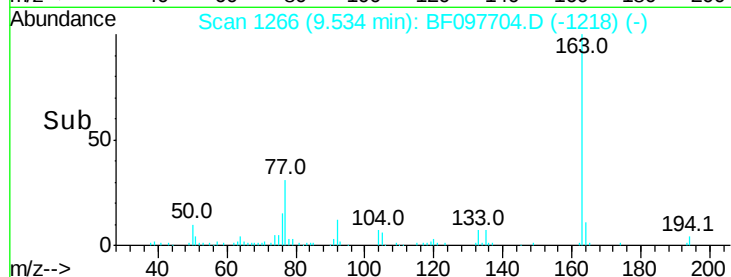
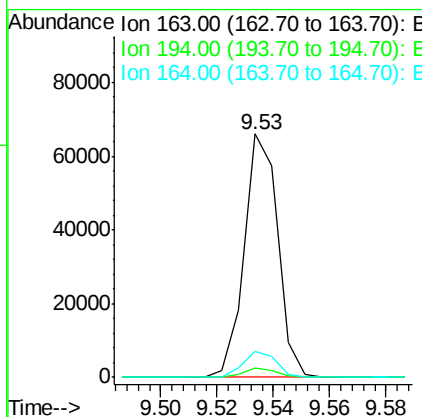
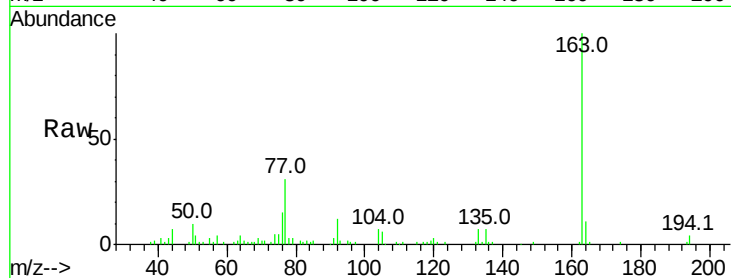




#49
Dimethylphthalate
Concen: 2.631 ng
RT: 9.53 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BF097704.D
Acq: 15 Aug 2017 21:25

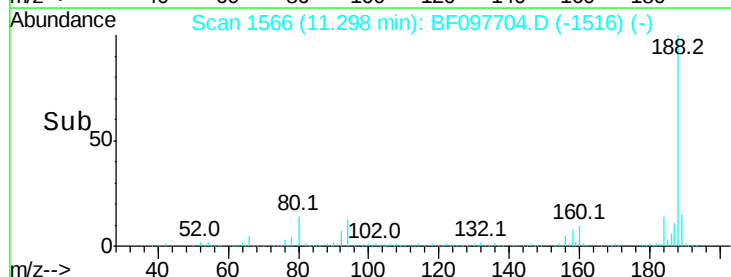
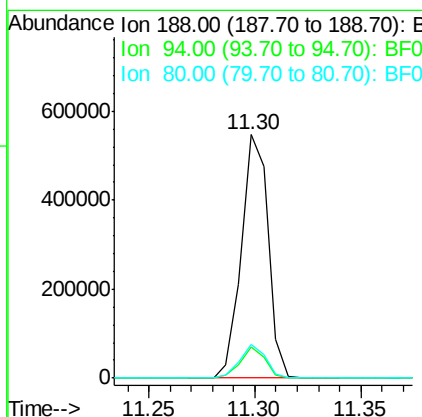
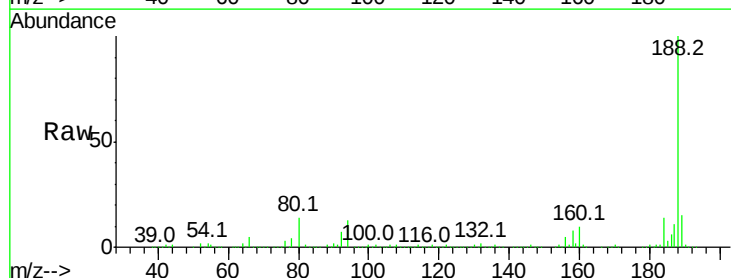
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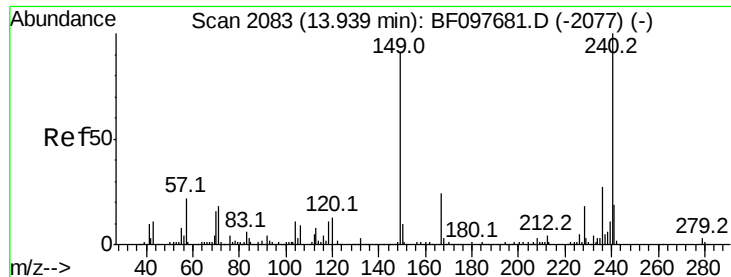
Tot Ion:163 Resp: 54238
Ion Ratio Lower Upper
163 100
194 4.0 2.6 4.0#
164 10.7 8.4 12.6



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF097704.D
Acq: 15 Aug 2017 21:25

Tgt Ion:188 Resp: 479918
Ion Ratio Lower Upper
188 100
94 12.7 9.4 14.2
80 13.7 10.2 15.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF097704.D

Acq: 15 Aug 2017 21:25

Instrument :

BNA_F

ClientSampleId :

NB-01-080917-A

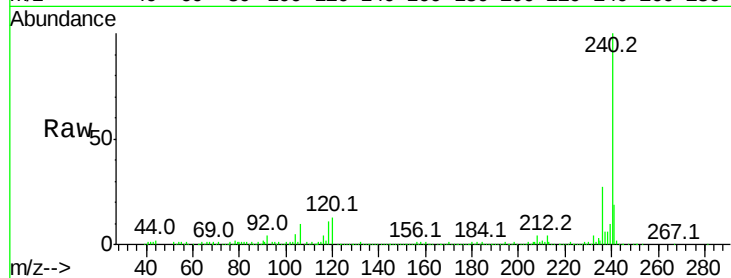
Tot Ion:240 Resp: 328332

Ion Ratio Lower Upper

240 100

120 13.4 5.8 8.8#

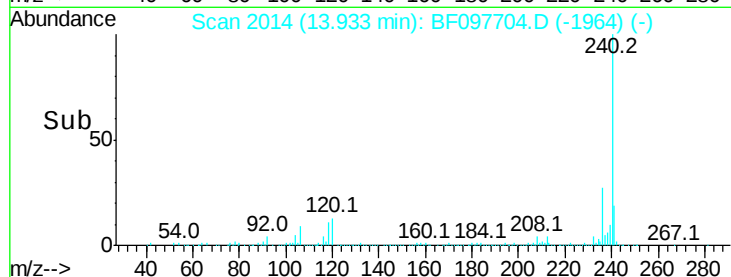
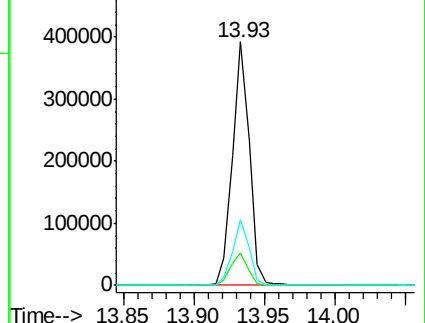
236 26.9 20.5 30.7



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: 6.324 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF097704.D

Acq: 15 Aug 2017 21:25

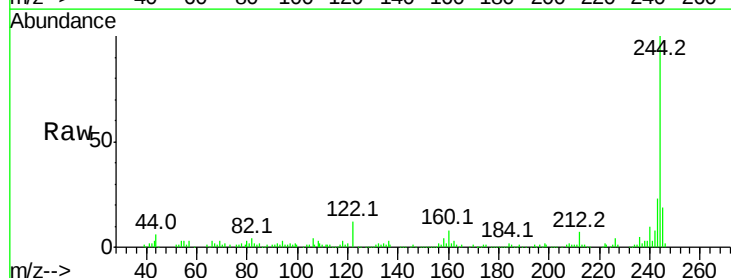
Tgt Ion:244 Resp: 99568

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

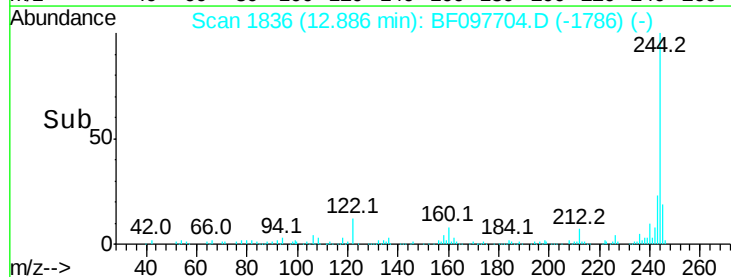
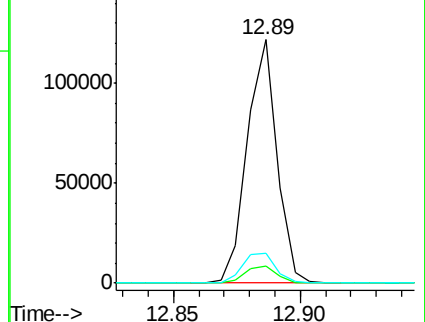
122 12.3 10.3 15.5

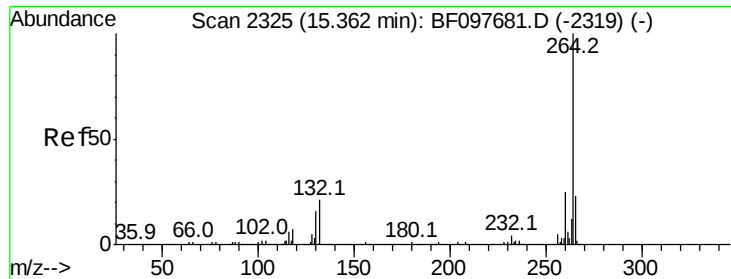


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

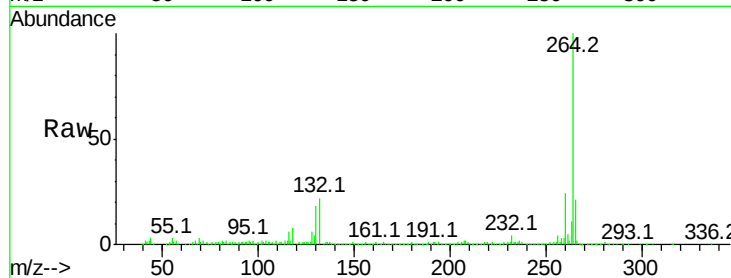




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF097704.D
Acq: 15 Aug 2017 21:25

Instrument :
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Tot Ion	Ion	Ratio	Lower	Upper
320813	264	100		
	260	24.2	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

