

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080917\
 Data File : BF097543.D
 Acq On : 10 Aug 2017 4:02
 Operator : SJ/JU
 Sample : I4646-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-M10-WSW

Quant Time: Aug 10 07:52:35 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

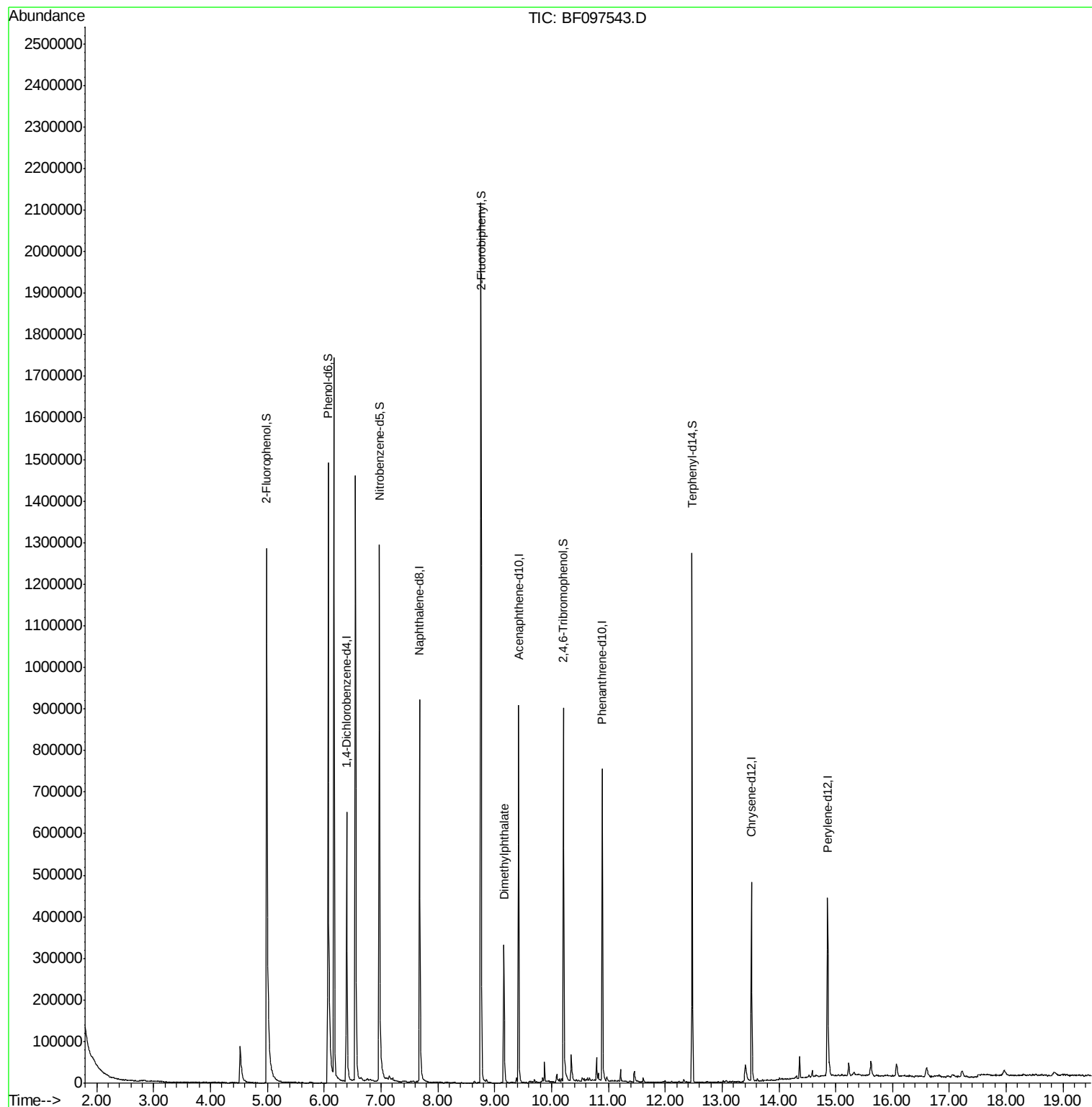
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	111140	20.00	ng	-0.01
21) Naphthalene-d8	7.68	136	452471	20.00	ng	-0.02
38) Acenaphthene-d10	9.42	164	171748	20.00	ng	-0.02
63) Phenanthrene-d10	10.89	188	278162	20.00	ng	-0.02
75) Chrysene-d12	13.52	240	181189	20.00	ng	-0.02
86) Perylene-d12	14.86	264	166229	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.99	112	528852	71.73	ng	-0.02
7) Phenol-d6	6.07	99	605142	71.90	ng	-0.02
23) Nitrobenzene-d5	6.97	82	419615	54.40	ng	-0.02
41) 2,4,6-Tribromophenol	10.21	330	101677	74.93	ng	-0.02
44) 2-Fluorobiphenyl	8.76	172	648909	64.12	ng	-0.02
78) Terphenyl-d14	12.47	244	377227	42.45	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.16	163	144869	11.108	ng	99

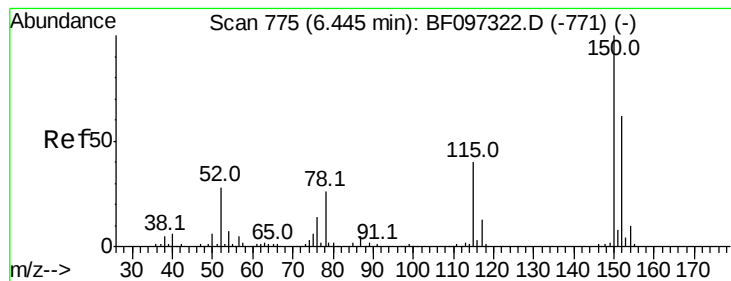
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.40 min Scan# 784

Delta R.T. -0.01 min

Lab File: BF097543.D

Acq: 10 Aug 2017 4:02

Instrument :

BNA_F

ClientSampleId :

E2-M10-WSW

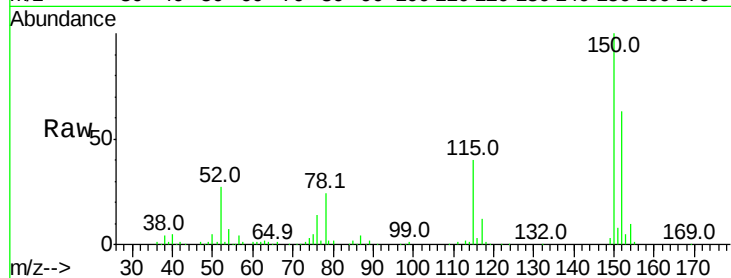
Tot Ion:152 Resp: 111140

Ion Ratio Lower Upper

152 100

150 158.3 126.2 189.2

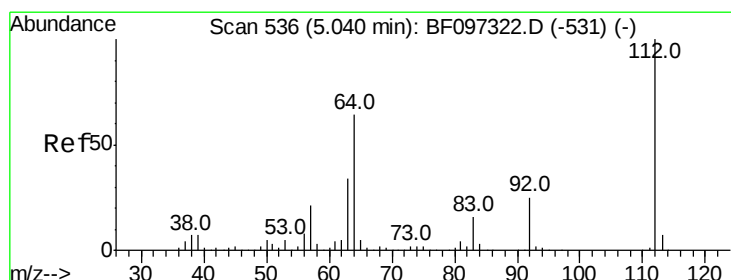
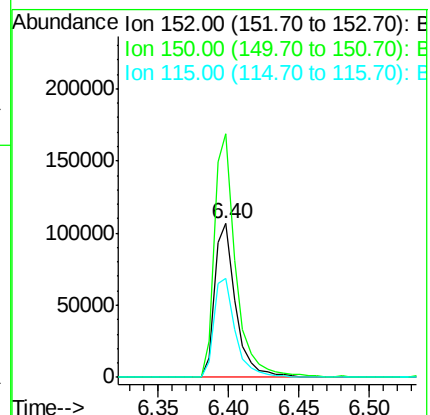
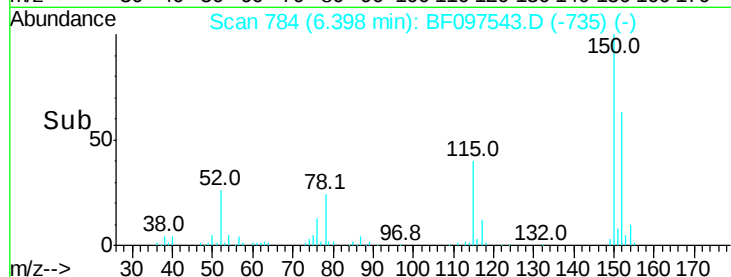
115 64.1 52.2 78.2



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: 71.733 ng

RT: 4.99 min Scan# 544

Delta R.T. -0.02 min

Lab File: BF097543.D

Acq: 10 Aug 2017 4:02

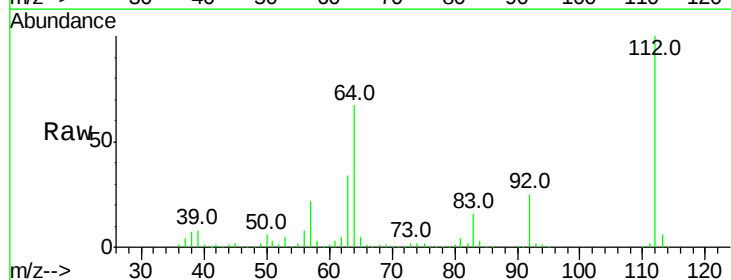
Tgt Ion:112 Resp: 528852

Ion Ratio Lower Upper

112 100

64 67.4 46.0 69.0

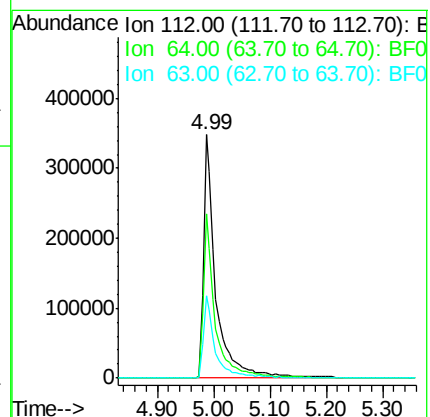
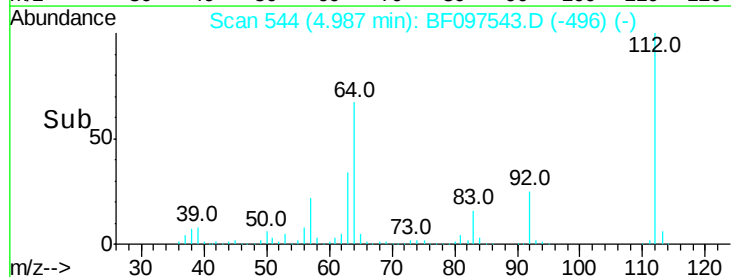
63 33.7 23.4 35.0

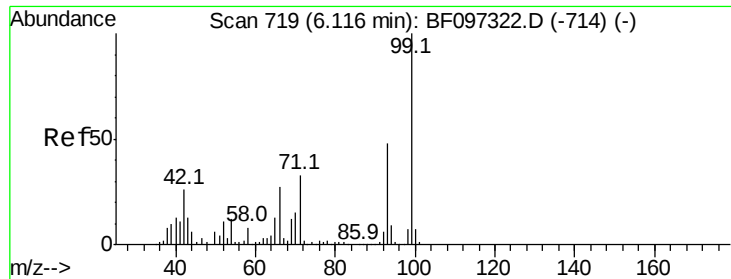


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 71.898 ng

RT: 6.07 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF097543.D

Acq: 10 Aug 2017 4:02

Instrument :

BNA_F

ClientSampleId :

E2-M10-WSW

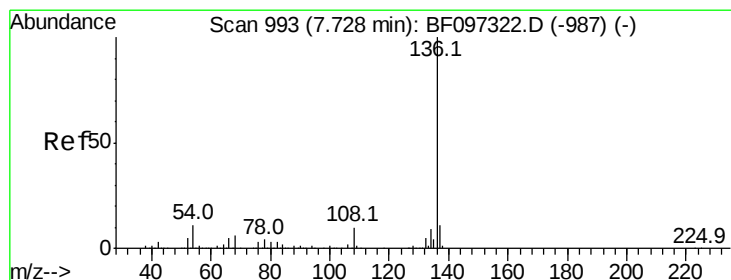
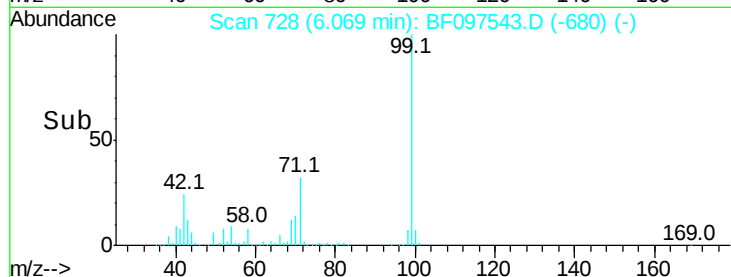
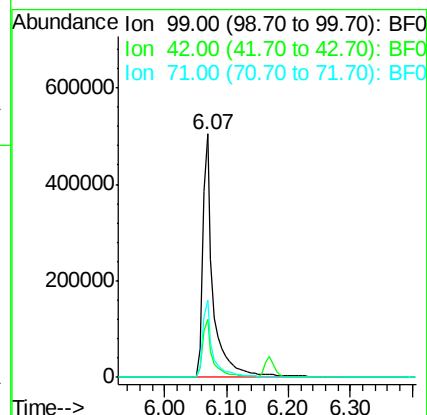
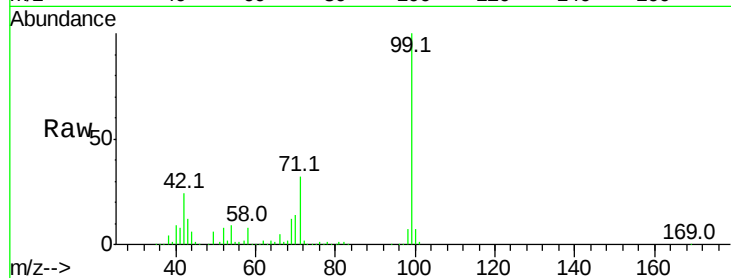
Tot Ion: 99 Resp: 605142

Ion Ratio Lower Upper

99 100

42 23.6 13.5 20.3#

71 31.6 24.5 36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.68 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BF097543.D

Acq: 10 Aug 2017 4:02

Tgt Ion: 136 Resp: 452471

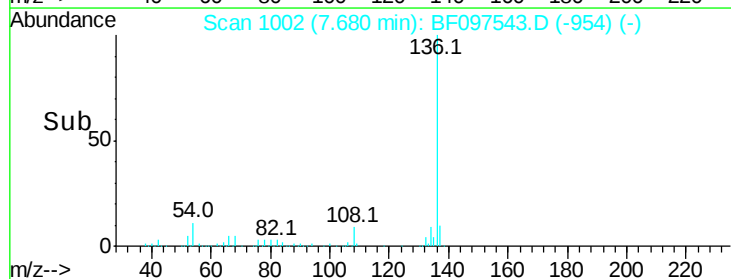
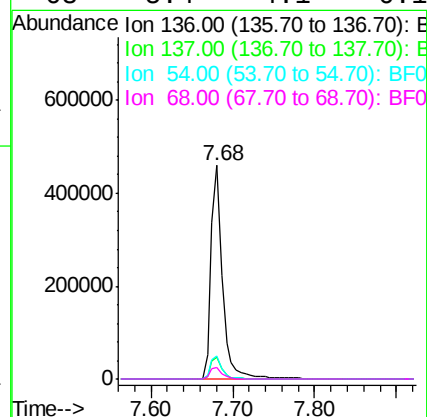
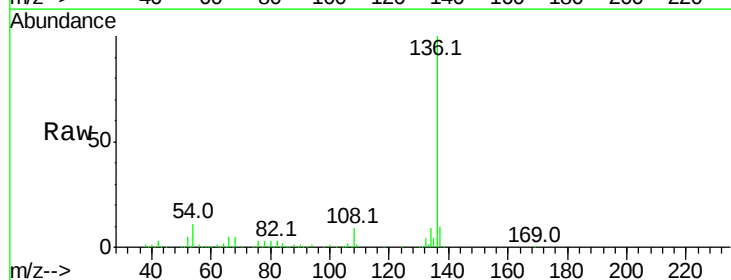
Ion Ratio Lower Upper

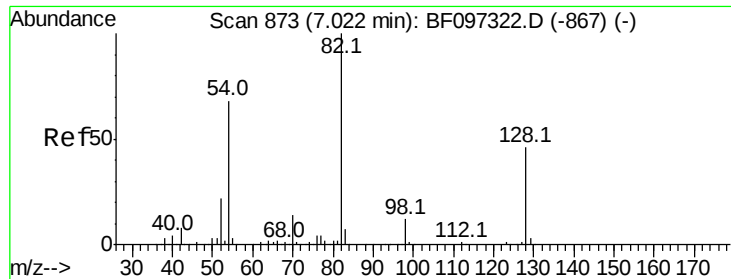
136 100

137 10.4 8.5 12.7

54 10.5 4.9 7.3#

68 5.4 4.1 6.1

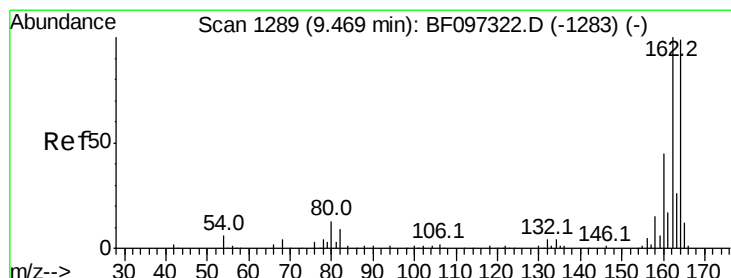
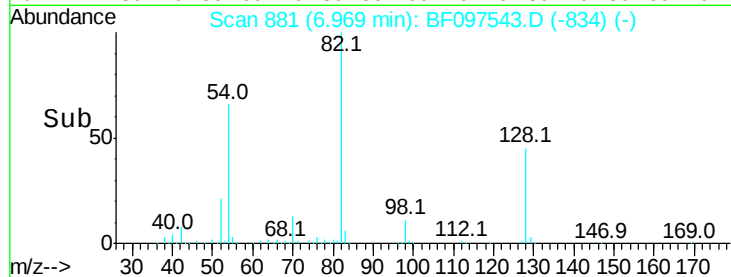
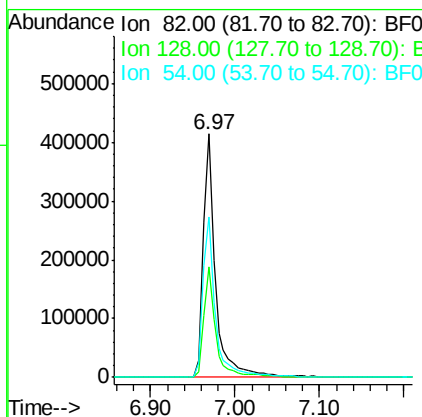
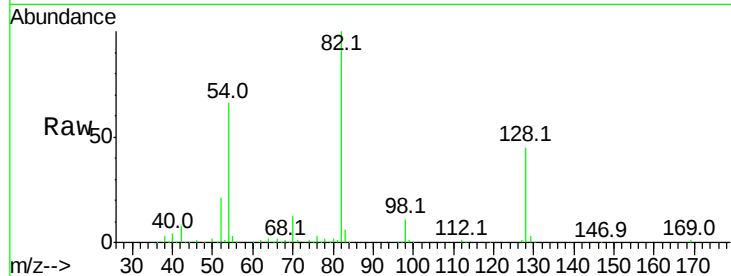




#23
 Nitrobenzene-d5
 Concen: 54.404 ng
 RT: 6.97 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF097543.D
 Acq: 10 Aug 2017 4:02

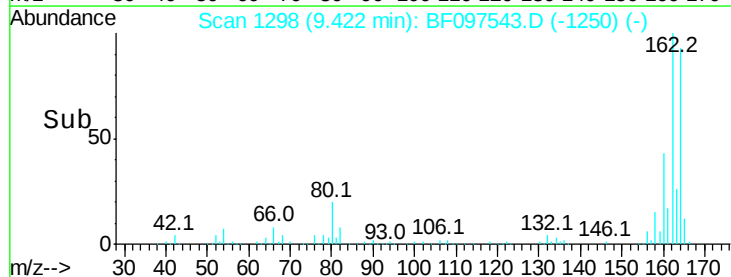
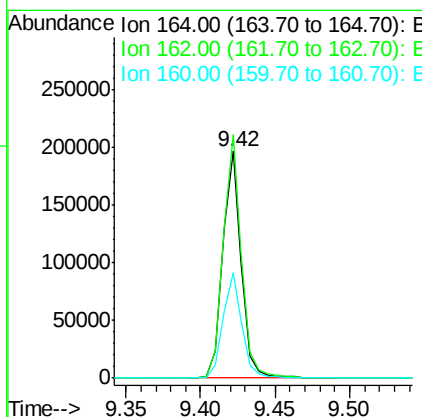
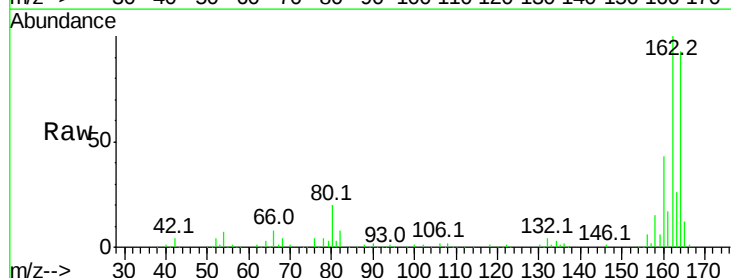
Instrument :
 BNA_F
 ClientSampleId :
 E2-M10-WSW

Tot Ion: 82 Resp: 419615
 Ion Ratio Lower Upper
 82 100
 128 45.2 34.0 51.0
 54 66.0 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.42 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BF097543.D
 Acq: 10 Aug 2017 4:02

Tgt Ion: 164 Resp: 171748
 Ion Ratio Lower Upper
 164 100
 162 107.4 82.6 123.8
 160 46.5 36.2 54.2

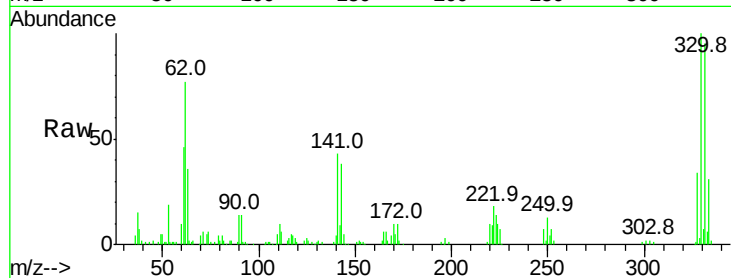




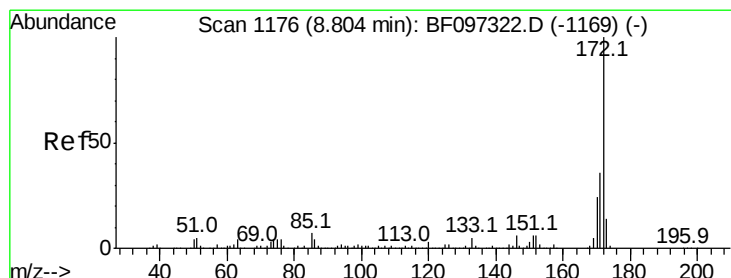
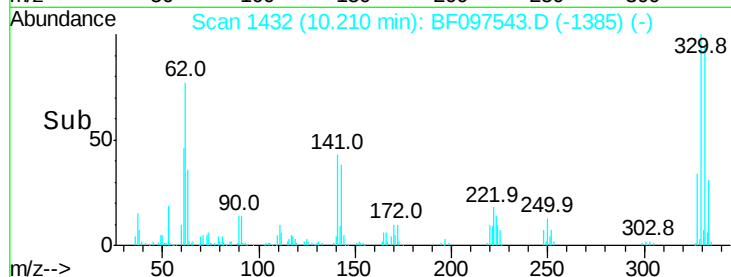
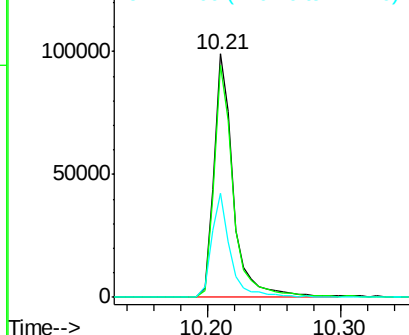
#41
 2,4,6-Tribromophenol
 Concen: 74.929 ng
 RT: 10.21 min Scan# 1432
 Delta R.T. -0.02 min
 Lab File: BF097543.D
 Acq: 10 Aug 2017 4:02

Instrument :
 BNA_F
 ClientSampleId :
 E2-M10-WSW

Tot Ion:330 Resp: 101677
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.6 115.0
 141 41.3 31.4 47.2

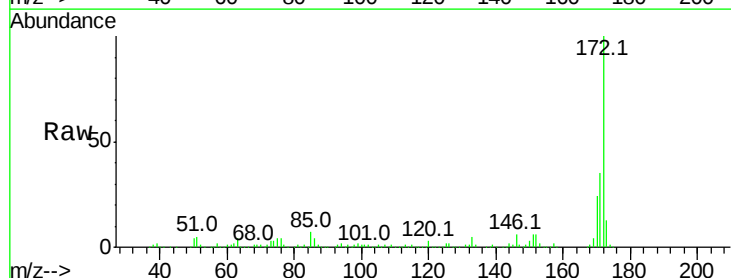


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

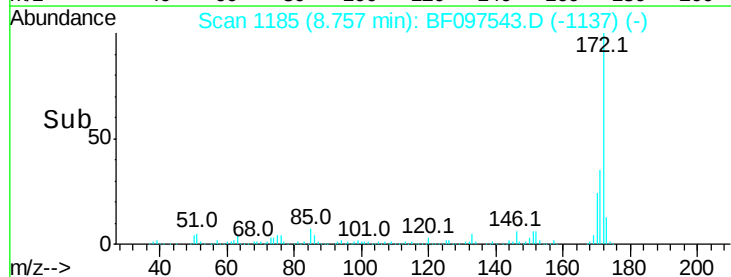
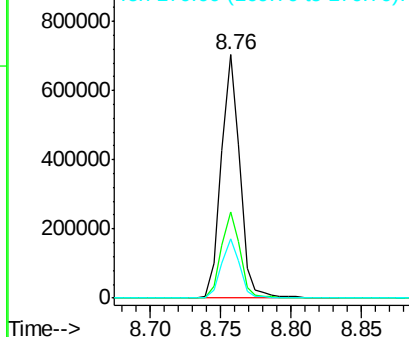


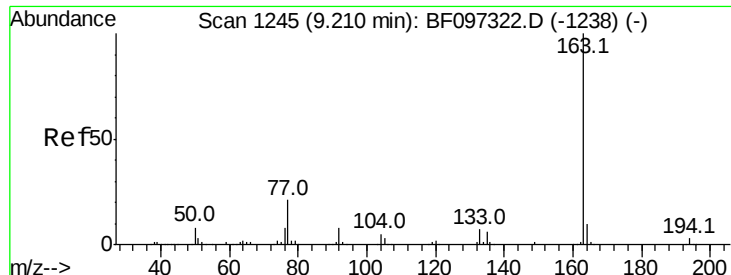
#44
 2-Fluorobiphenyl
 Concen: 64.121 ng
 RT: 8.76 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF097543.D
 Acq: 10 Aug 2017 4:02

Tgt Ion:172 Resp: 648909
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.6 44.4
 170 24.4 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

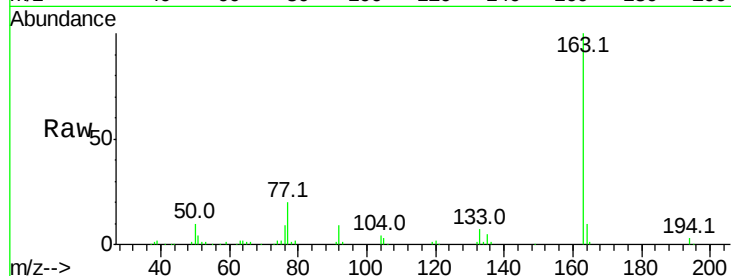




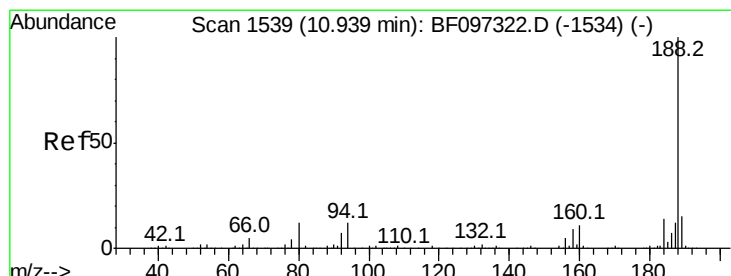
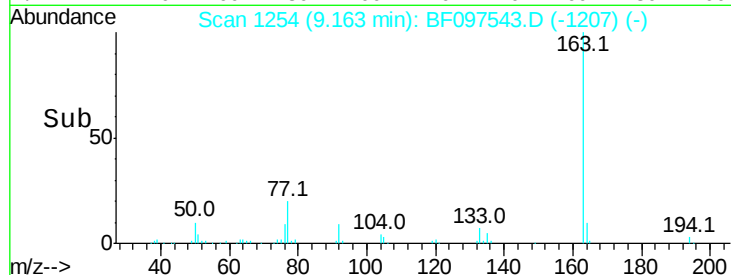
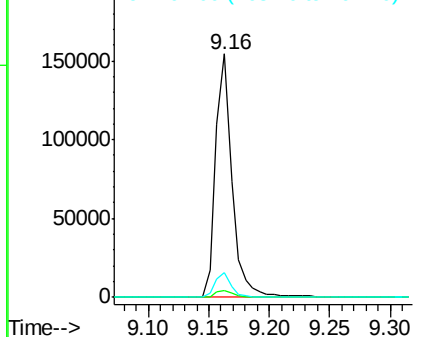
#49
 Dimethylphthalate
 Concen: 11.108 ng
 RT: 9.16 min Scan# 1254
 Delta R.T. -0.02 min
 Lab File: BF097543.D
 Acq: 10 Aug 2017 4:02

Instrument :
 BNA_F
 ClientSampleId :
 E2-M10-WSW

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	10.1	8.4	12.6

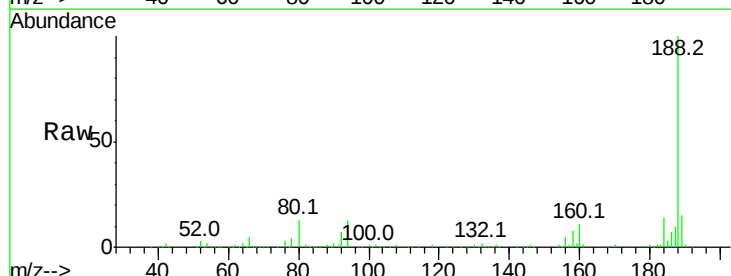


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

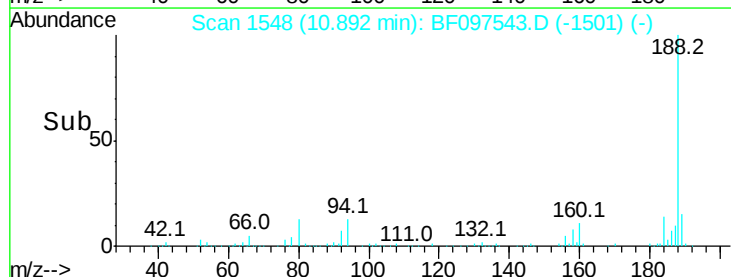
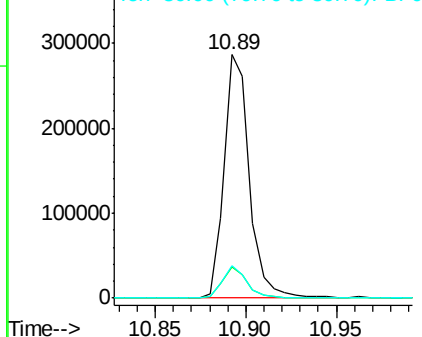


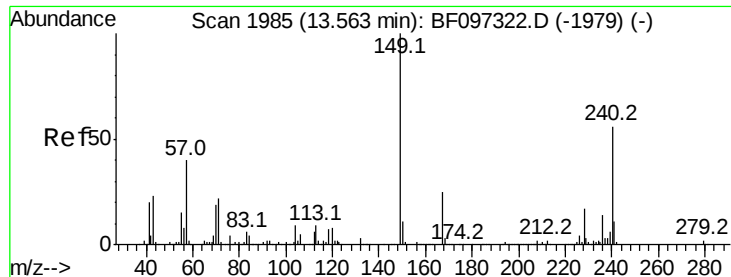
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 10.89 min Scan# 1548
 Delta R.T. -0.02 min
 Lab File: BF097543.D
 Acq: 10 Aug 2017 4:02

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.8	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: 13.52 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF097543.D

Acq: 10 Aug 2017 4:02

Instrument :

BNA_F

ClientSampleId :

E2-M10-WSW

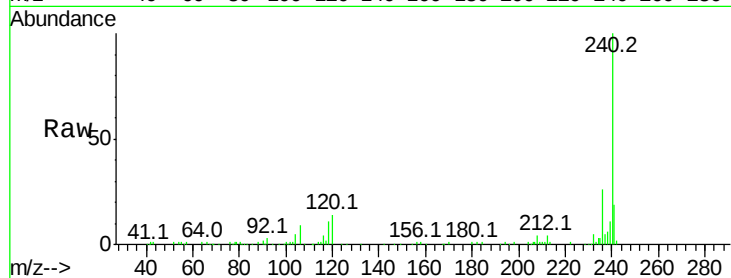
Tot Ion:240 Resp: 181189

Ion Ratio Lower Upper

240 100

120 14.1 5.8 8.8#

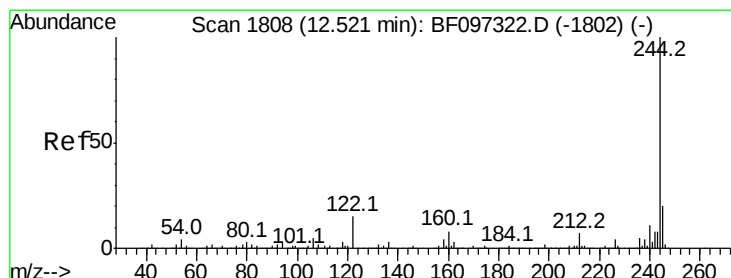
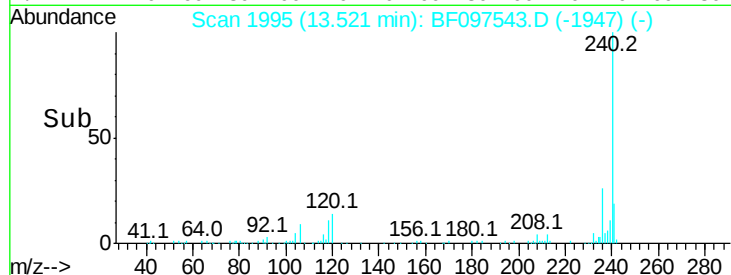
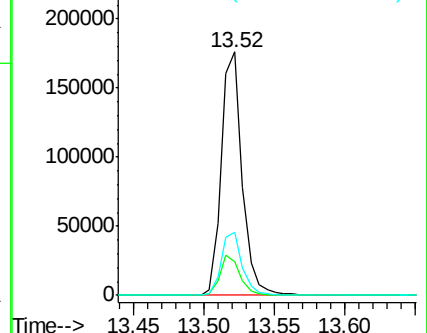
236 25.8 20.5 30.7



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: 42.448 ng

RT: 12.47 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF097543.D

Acq: 10 Aug 2017 4:02

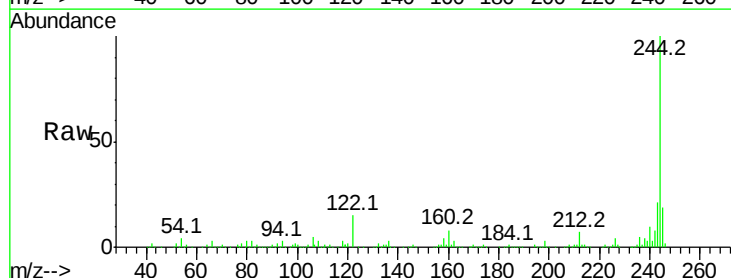
Tgt Ion:244 Resp: 377227

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

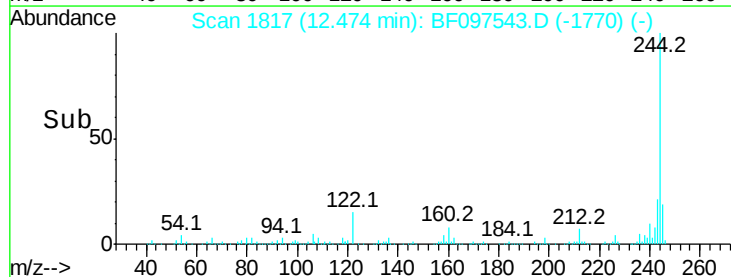
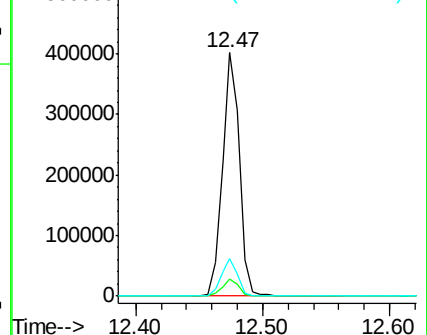
122 15.4 10.3 15.5

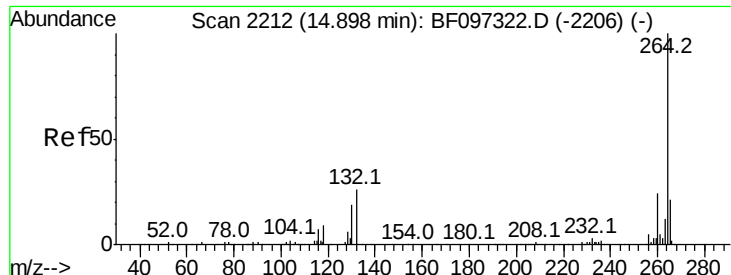


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

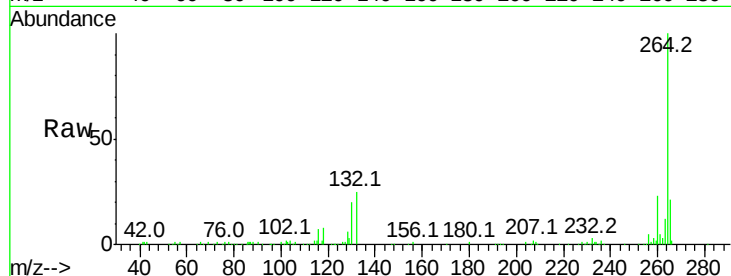




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 14.86 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BF097543.D
 Acq: 10 Aug 2017 4:02

Instrument :
 BNA_F
 ClientSampleId :
 E2-M10-WSW

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	20.7	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

