

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050917\
 Data File : BF095054.D
 Acq On : 10 May 2017 9:27
 Operator : SJ/MA
 Sample : I3034-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-6-COMP

Quant Time: May 10 11:10:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	89647	20.00	ng	-0.02
21) Naphthalene-d8	9.73	136	404523	20.00	ng	-0.02
38) Acenaphthene-d10	12.57	164	163858	20.00	ng	-0.02
63) Phenanthrene-d10	14.97	188	262905	20.00	ng	-0.02
75) Chrysene-d12	18.64	240	175878	20.00	ng	-0.02
86) Perylene-d12	20.31	264	91772	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	736180	136.91	ng	0.00
7) Phenol-d6	7.26	99	751487	116.48	ng	-0.02
23) Nitrobenzene-d5	8.61	82	527736	82.27	ng	-0.02
41) 2,4,6-Tribromophenol	13.86	330	190679	142.09	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	1141940	100.31	ng	-0.02
78) Terphenyl-d14	17.29	244	735389	92.09	ng	-0.02

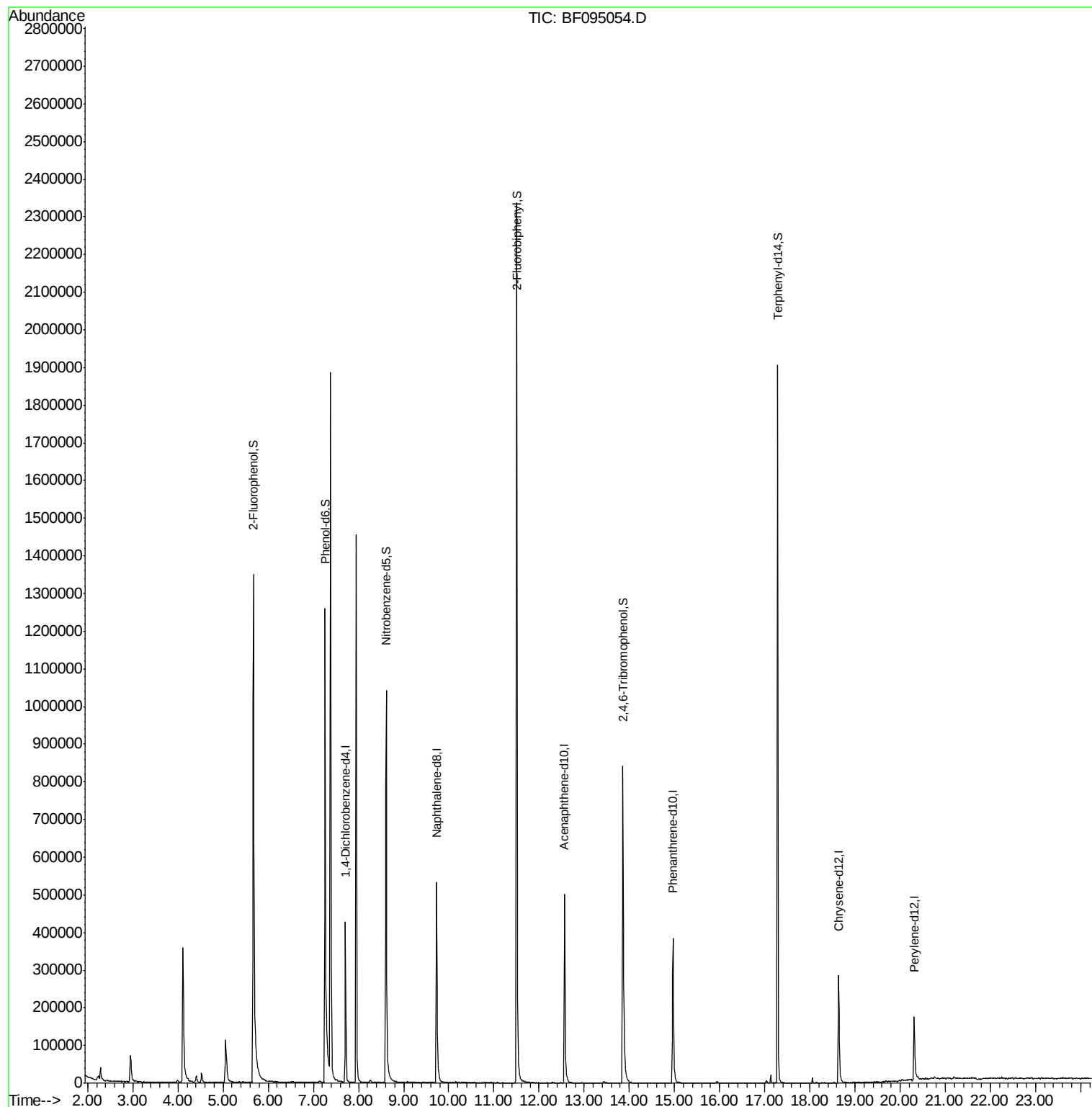
Target Compounds Qvalue

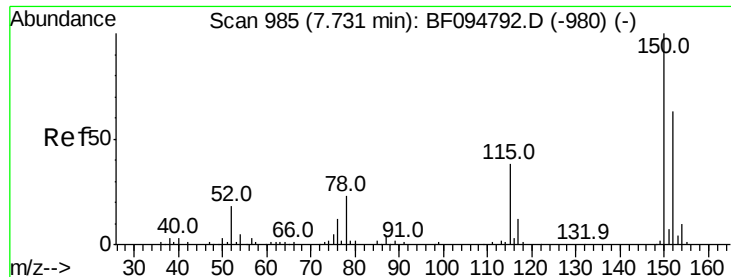
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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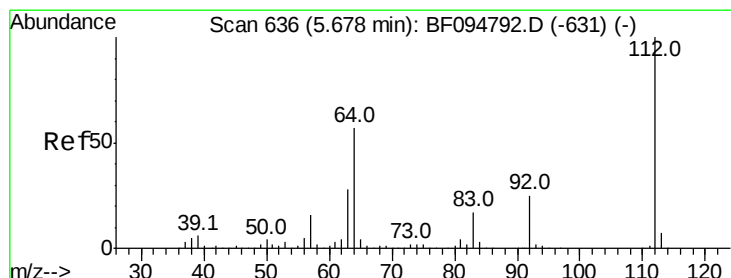
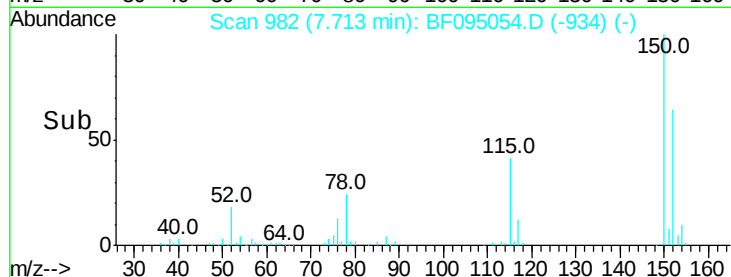
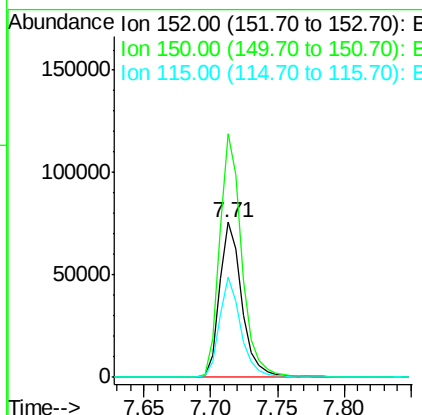
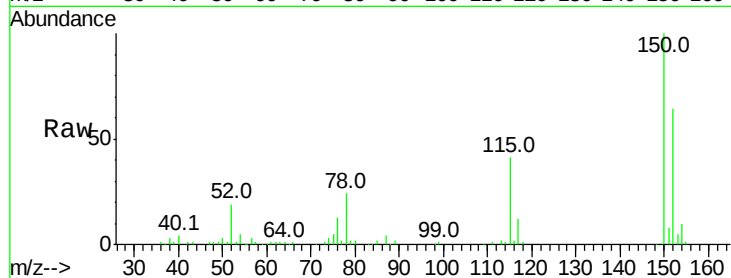


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.71 min Scan# 982
 Delta R.T. -0.02 min
 Lab File: BF095054.D
 Acq: 10 May 2017 9:27

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-6-COMP

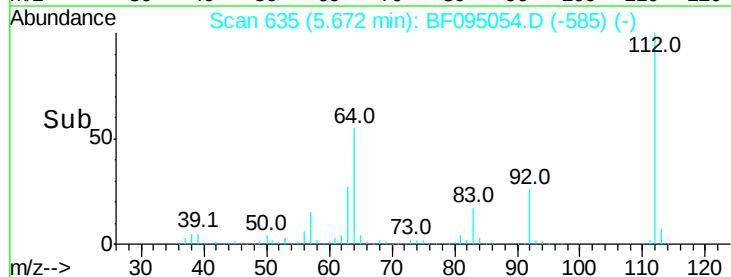
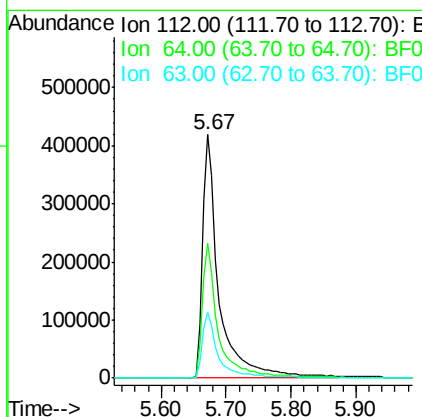
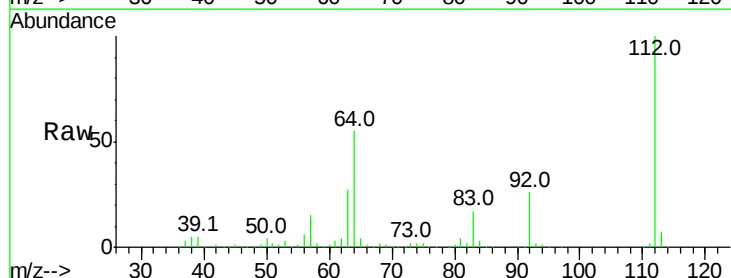
Tot Ion:152 Resp: 89647
 Ion Ratio Lower Upper
 152 100
 150 156.9 126.2 189.2
 115 64.7 52.2 78.2

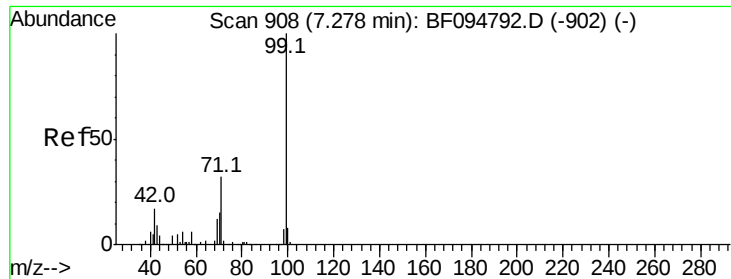


#5

2-Fluorophenol
 Concen: 136.91 ng
 RT: 5.67 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF095054.D
 Acq: 10 May 2017 9:27

Tgt Ion:112 Resp: 736180
 Ion Ratio Lower Upper
 112 100
 64 55.5 46.0 69.0
 63 27.1 23.4 35.0





#7

Phenol-d6

Concen: 116.48 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF095054.D

Acq: 10 May 2017 9:27

Instrument :

BNA_F

ClientSampleId :

DRUM-1-6-COMP

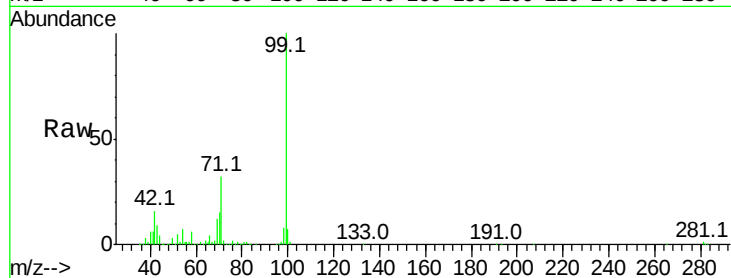
Tot Ion: 99 Resp: 751487

Ion Ratio Lower Upper

99 100

42 16.4 13.5 20.3

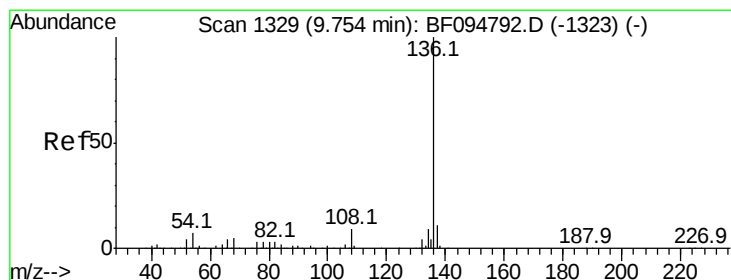
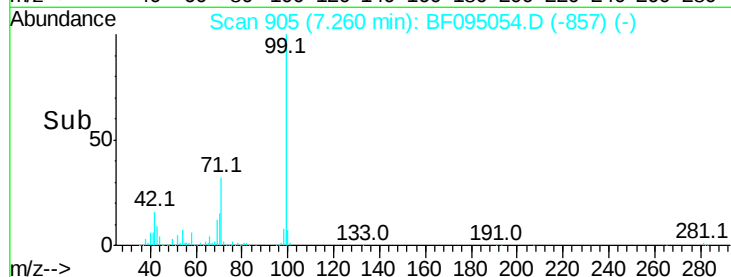
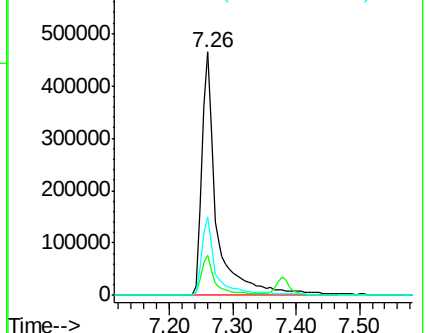
71 32.3 24.5 36.7



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: 20.00 ng

RT: 9.73 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BF095054.D

Acq: 10 May 2017 9:27

Tgt Ion: 136 Resp: 404523

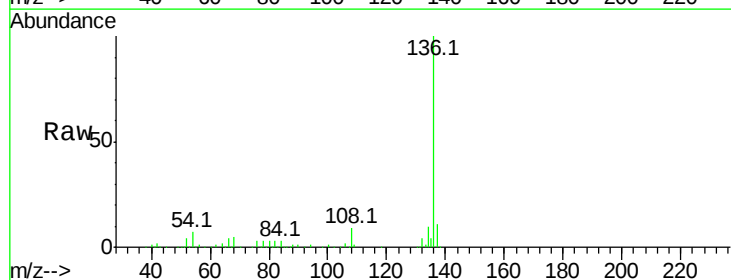
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.3 4.9 7.3

68 5.3 4.1 6.1

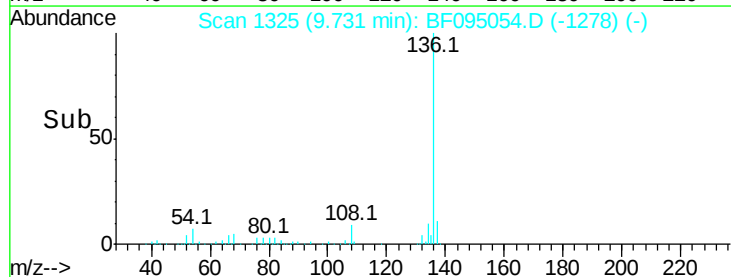
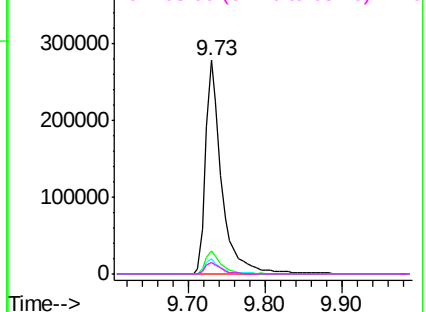


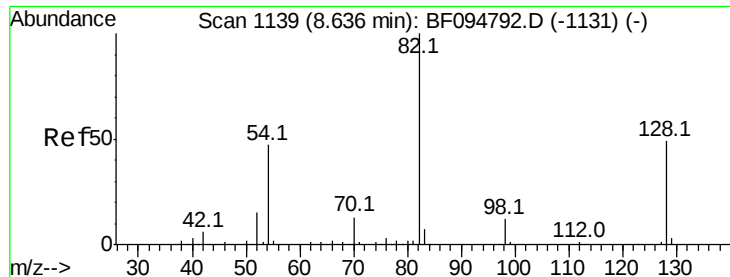
Abundance Ion 136.00 (135.70 to 136.70): E

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

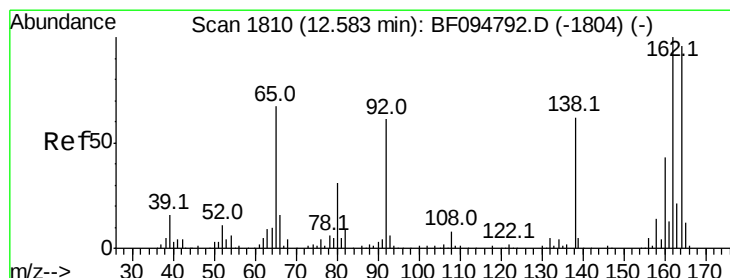
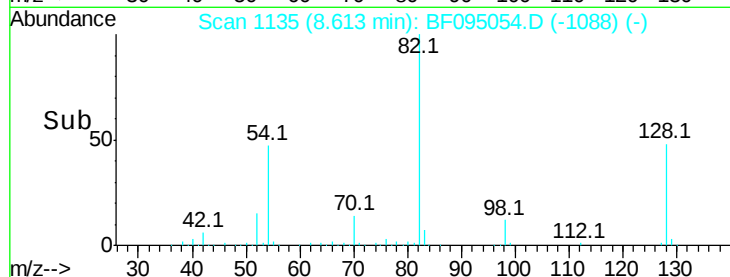
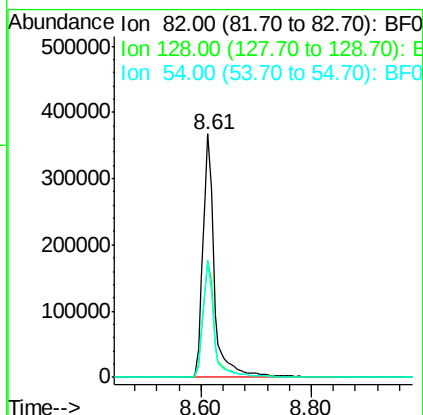
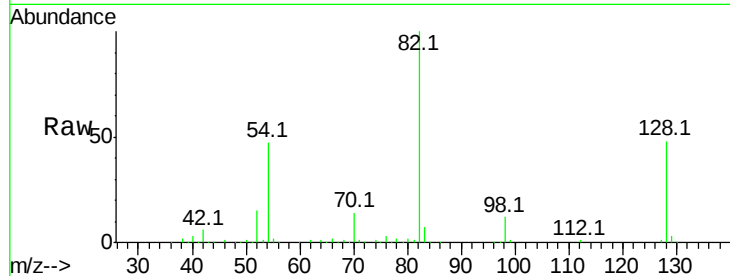




#23
 Nitrobenzene-d5
 Concen: 82.27 ng
 RT: 8.61 min Scan# 1135
 Delta R.T. -0.02 min
 Lab File: BF095054.D
 Acq: 10 May 2017 9:27

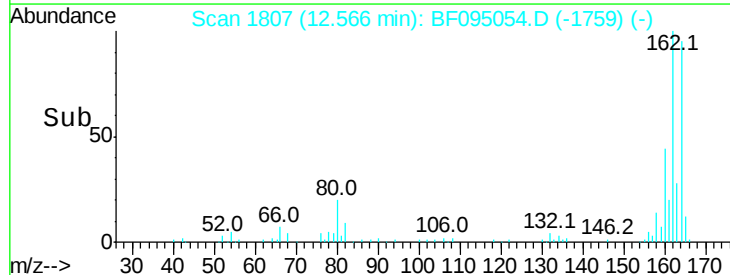
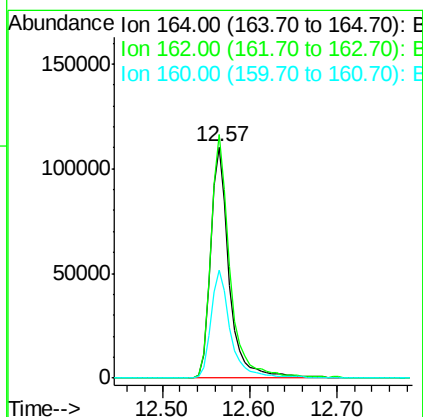
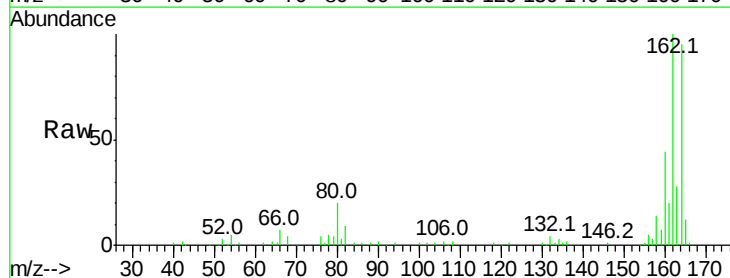
Instrument :
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 DRUM-1-6-COMP

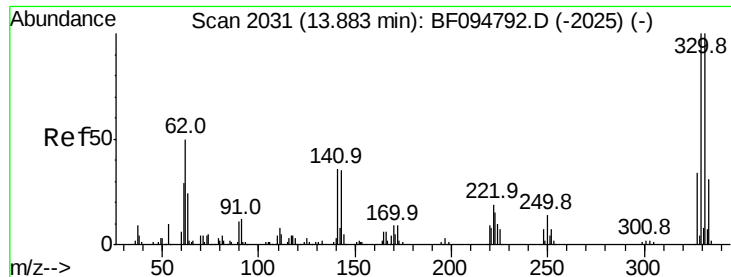
Tot Ion: 82 Resp: 527736
 Ion Ratio Lower Upper
 82 100
 128 47.9 34.0 51.0
 54 47.4 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.57 min Scan# 1807
 Delta R.T. -0.02 min
 Lab File: BF095054.D
 Acq: 10 May 2017 9:27

Tgt Ion: 164 Resp: 163858
 Ion Ratio Lower Upper
 164 100
 162 105.4 82.6 123.8
 160 46.5 36.2 54.2

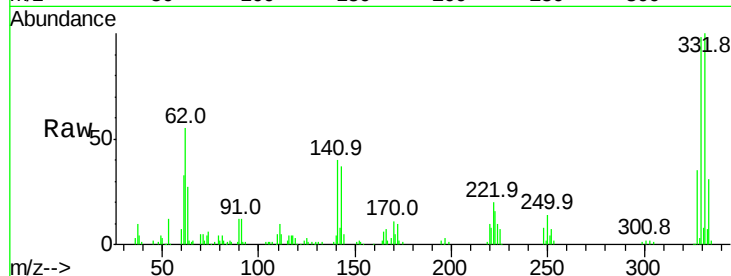




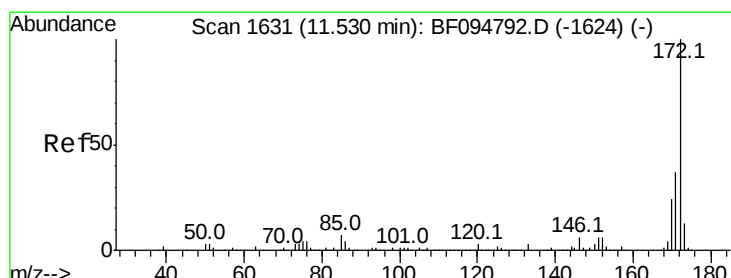
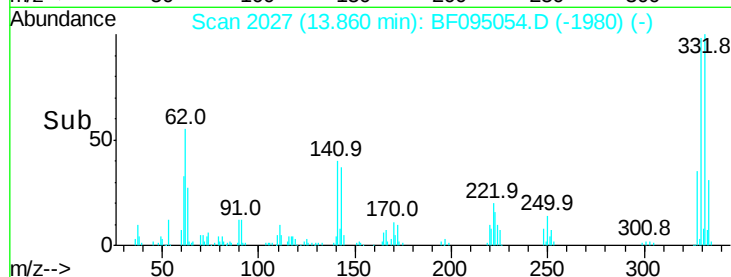
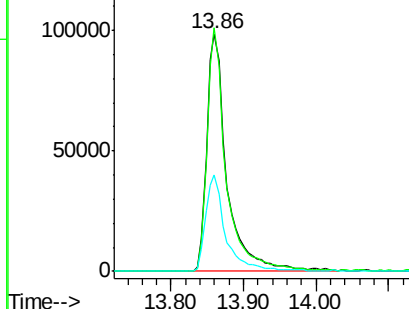
#41
 2,4,6-Tribromophenol
 Concen: 142.09 ng
 RT: 13.86 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BF095054.D
 Acq: 10 May 2017 9:27

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-6-COMP

Tot Ion:330 Resp: 190679
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 115.0
 141 40.4 31.4 47.2

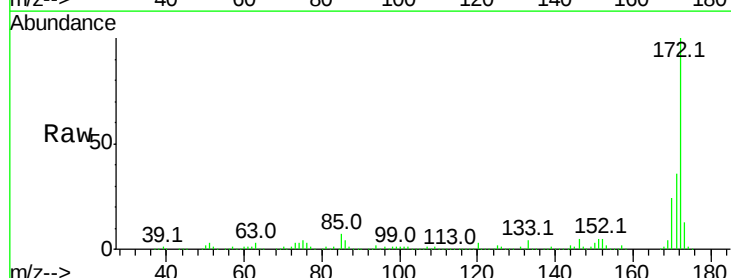


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

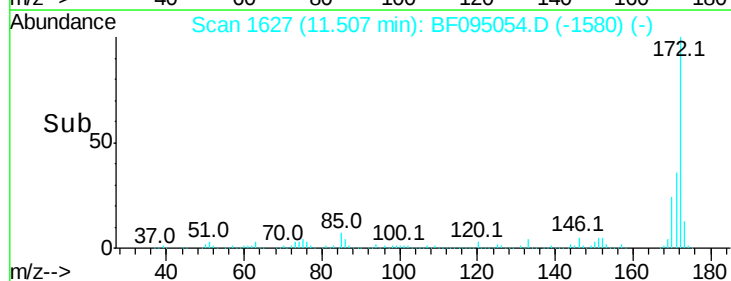
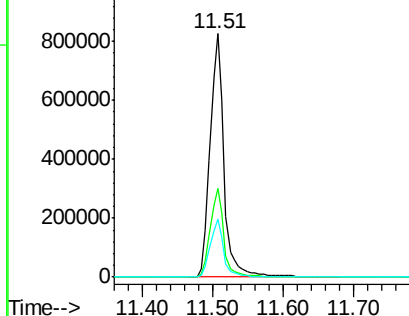


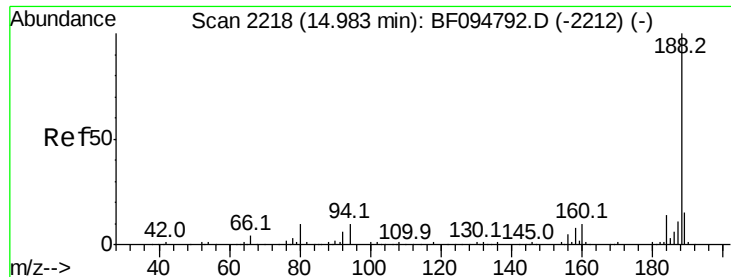
#44
 2-Fluorobiphenyl
 Concen: 100.31 ng
 RT: 11.51 min Scan# 1627
 Delta R.T. -0.02 min
 Lab File: BF095054.D
 Acq: 10 May 2017 9:27

Tgt Ion:172 Resp: 1141940
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 23.6 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

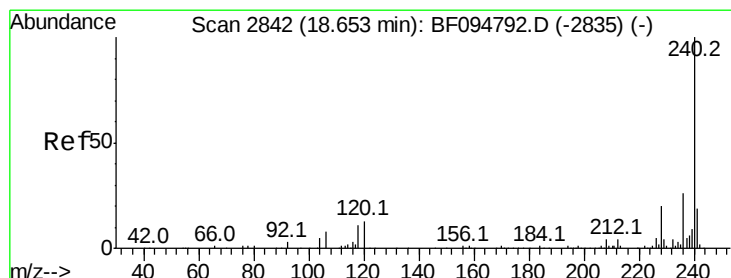
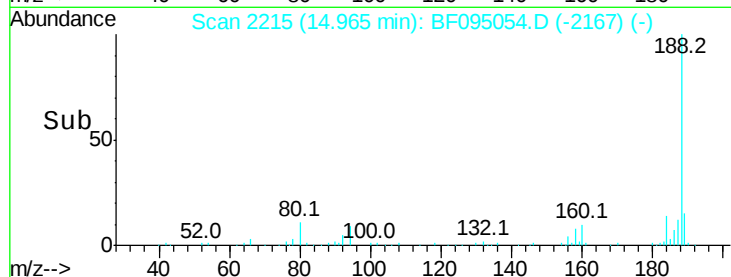
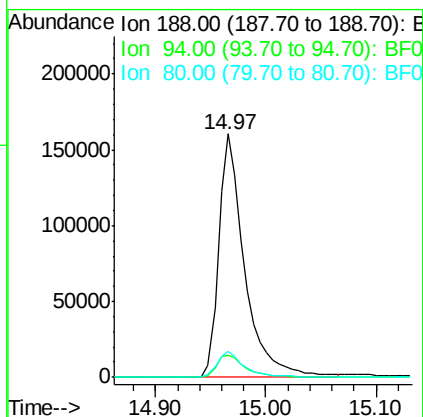
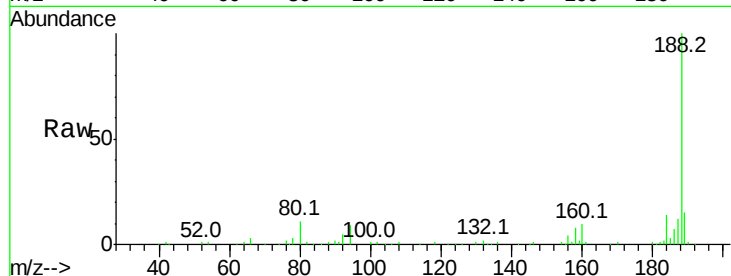




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2215
 Delta R.T. -0.02 min
 Lab File: BF095054.D
 Acq: 10 May 2017 9:27

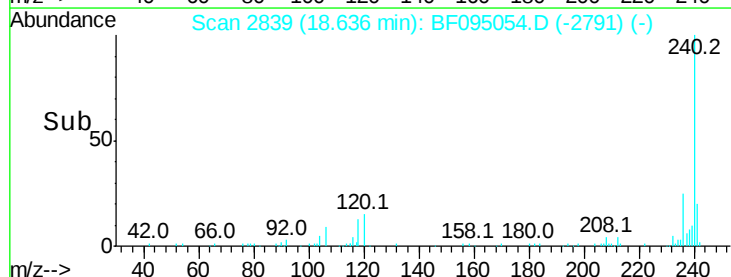
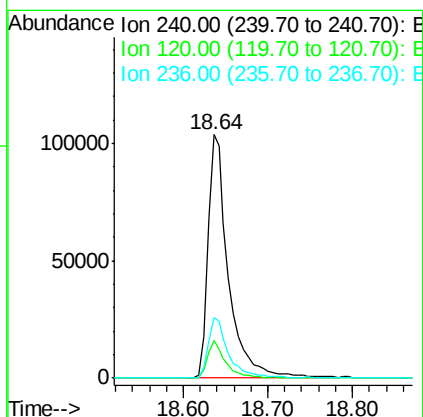
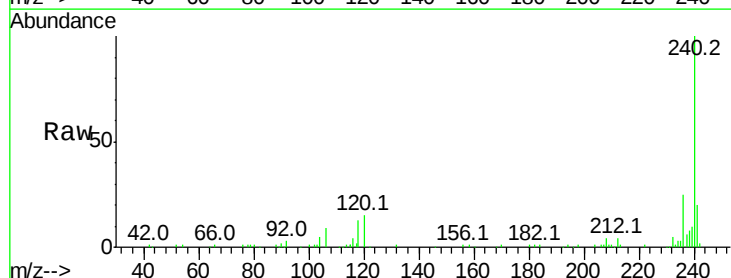
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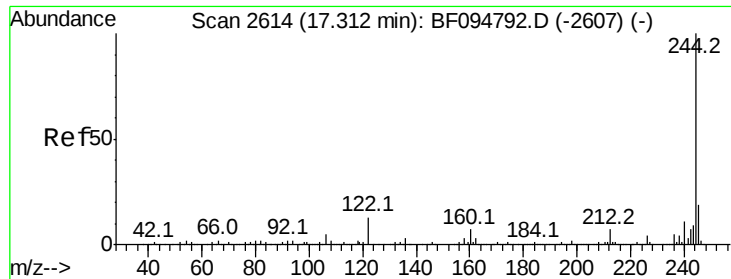
Tot Ion:188 Resp: 262905
 Ion Ratio Lower Upper
 188 100
 94 9.3 9.4 14.2#
 80 10.8 10.2 15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 2839
 Delta R.T. -0.02 min
 Lab File: BF095054.D
 Acq: 10 May 2017 9:27

Tgt Ion:240 Resp: 175878
 Ion Ratio Lower Upper
 240 100
 120 15.2 5.8 8.8#
 236 24.7 20.5 30.7

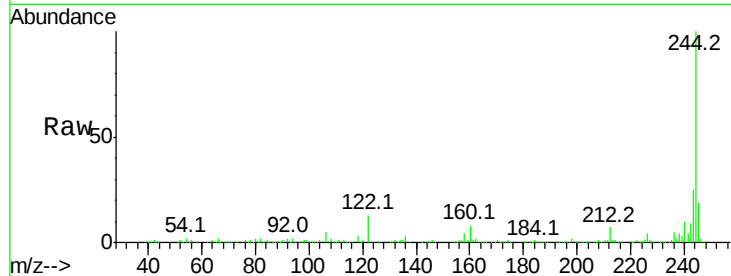




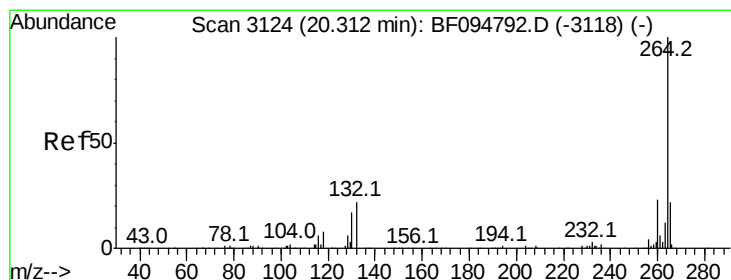
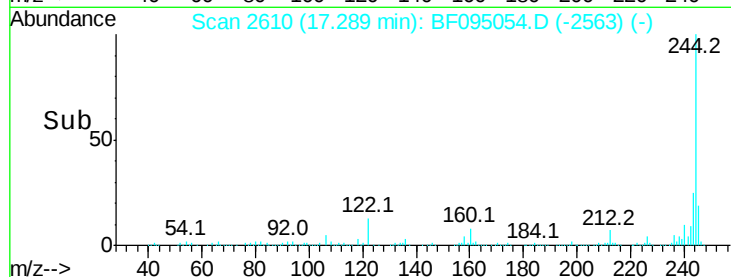
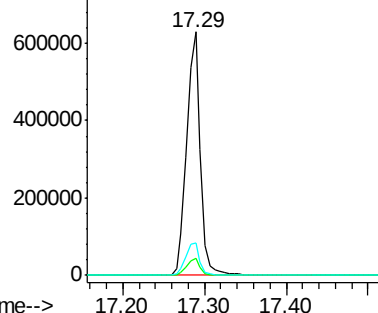
#78
 Terphenyl-d14
 Concen: 92.09 ng
 RT: 17.29 min Scan# 2610
 Delta R.T. -0.02 min
 Lab File: BF095054.D
 Acq: 10 May 2017 9:27

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-6-COMP

Tot Ion:244 Resp: 735389
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 13.4 10.3 15.5

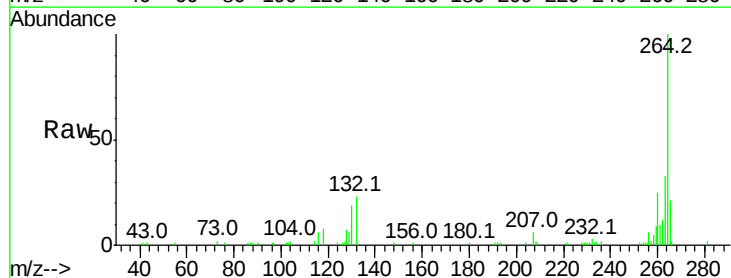


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.31 min Scan# 3124
 Delta R.T. 0.00 min
 Lab File: BF095054.D
 Acq: 10 May 2017 9:27

Tgt Ion:264 Resp: 91772
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.5 29.3
 265 21.3 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

