

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
 Data File : BF095433.D
 Acq On : 25 May 2017 20:23
 Operator : SJ/MA
 Sample : I3331-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-24COMP

Quant Time: May 26 02:51:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

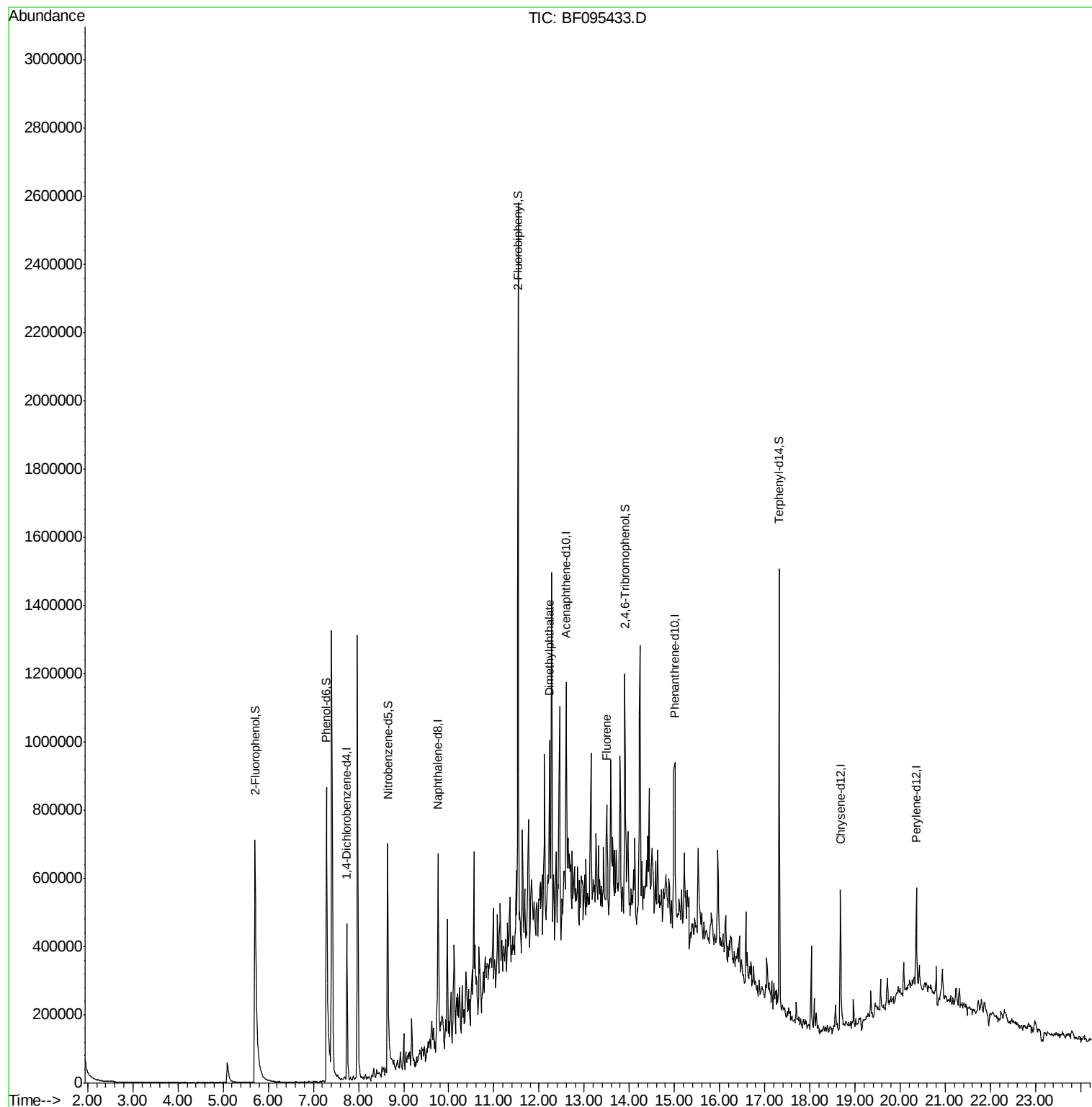
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	103117	20.00	ng	-0.02
21) Naphthalene-d8	9.77	136	413621	20.00	ng	-0.02
38) Acenaphthene-d10	12.60	164	171101	20.00	ng	-0.02
63) Phenanthrene-d10	15.01	188	259746	20.00	ng	-0.02
75) Chrysene-d12	18.68	240	200073	20.00	ng	-0.02
86) Perylene-d12	20.35	264	156125	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	607136	98.16	ng	-0.03
7) Phenol-d6	7.29	99	749970	101.06	ng	-0.02
23) Nitrobenzene-d5	8.65	82	441901	67.37	ng	-0.02
41) 2,4,6-Tribromophenol	13.91	330	125573	89.61	ng	-0.01
44) 2-Fluorobiphenyl	11.54	172	817298	68.75	ng	-0.02
78) Terphenyl-d14	17.32	244	505048	55.60	ng	-0.02
Target Compounds						
49) Dimethylphthalate	12.23	163	201050	14.31	ng	# 98
57) Fluorene	13.50	166	39112	2.99	ng	# 85

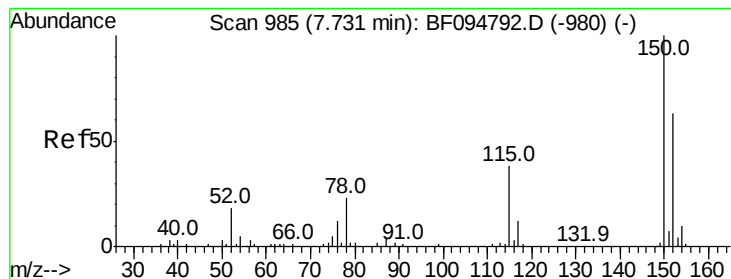
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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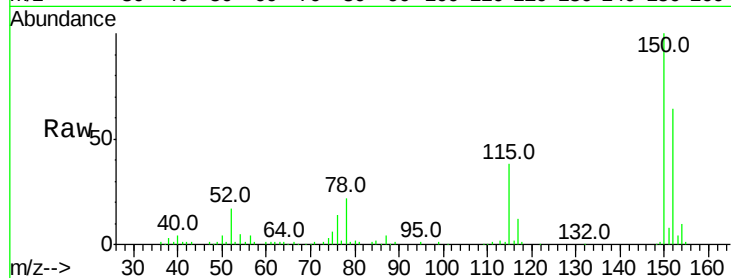


#1

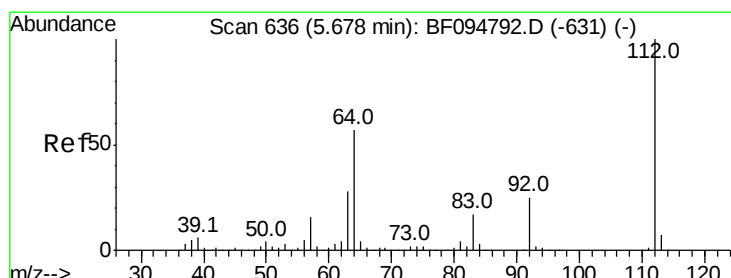
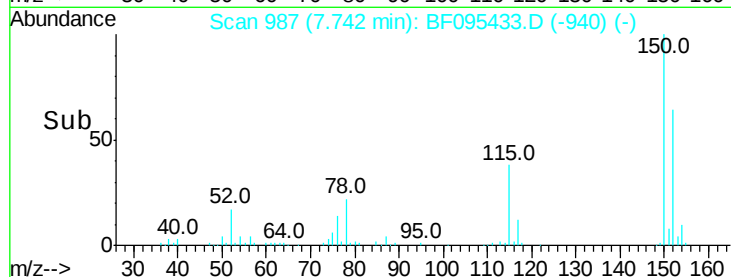
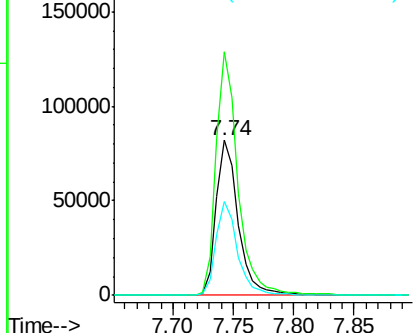
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.74 min Scan# 987
 Delta R.T. -0.02 min
 Lab File: BF095433.D
 Acq: 25 May 2017 20:23

Instrument :
 BNA_F
 ClientSampleId :
 SB-24COMP

Tot Ion:152 Resp: 103117
 Ion Ratio Lower Upper
 152 100
 150 157.0 126.2 189.2
 115 60.1 52.2 78.2



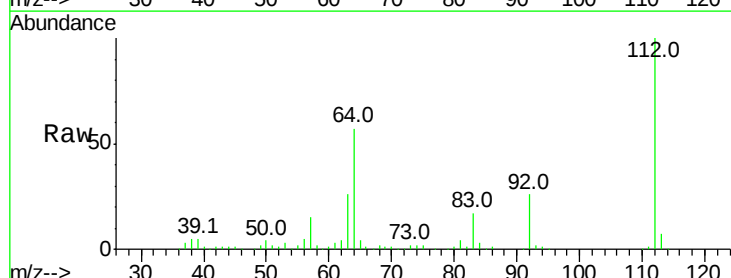
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



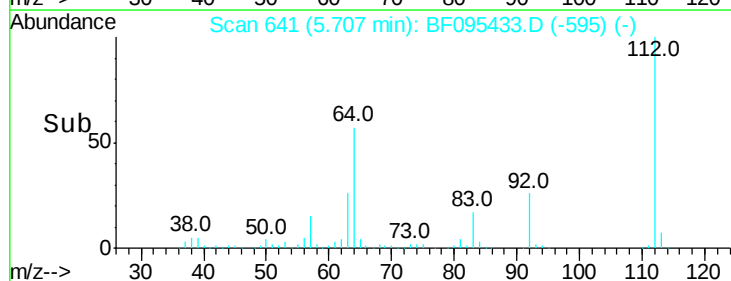
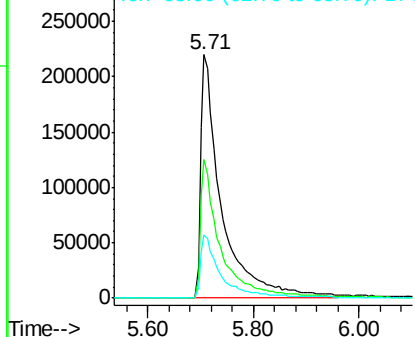
#5

2-Fluorophenol
 Concen: 98.16 ng
 RT: 5.71 min Scan# 641
 Delta R.T. -0.03 min
 Lab File: BF095433.D
 Acq: 25 May 2017 20:23

Tgt Ion:112 Resp: 607136
 Ion Ratio Lower Upper
 112 100
 64 56.7 46.0 69.0
 63 26.1 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: 101.06 ng

RT: 7.29 min Scan# 910

Delta R.T. -0.02 min

Lab File: BF095433.D

Acq: 25 May 2017 20:23

Instrument :

BNA_F

ClientSampleId :

SB-24COMP

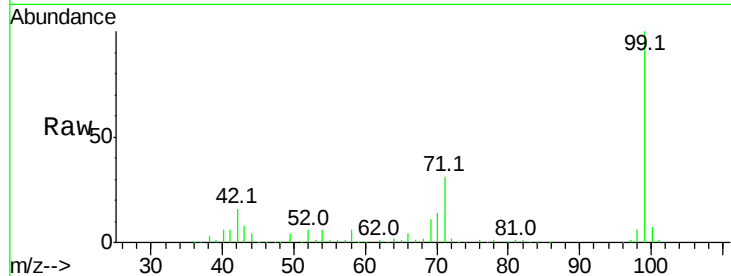
Tot Ion: 99 Resp: 749970

Ion Ratio Lower Upper

99 100

42 15.6 13.5 20.3

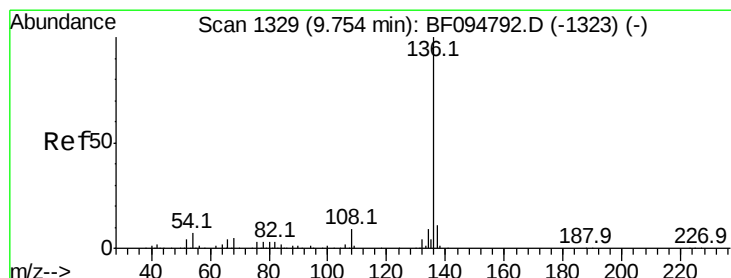
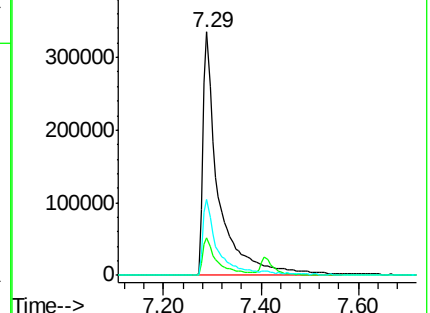
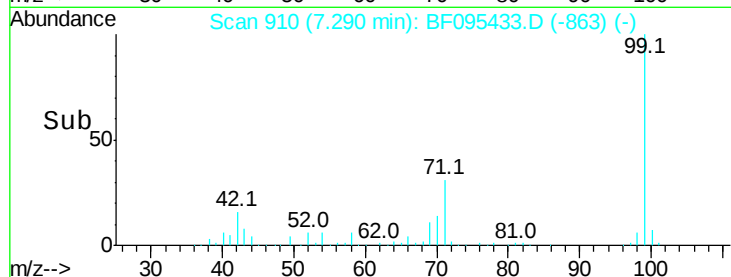
71 31.0 24.5 36.7



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: 9.77 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BF095433.D

Acq: 25 May 2017 20:23

Tgt Ion: 136 Resp: 413621

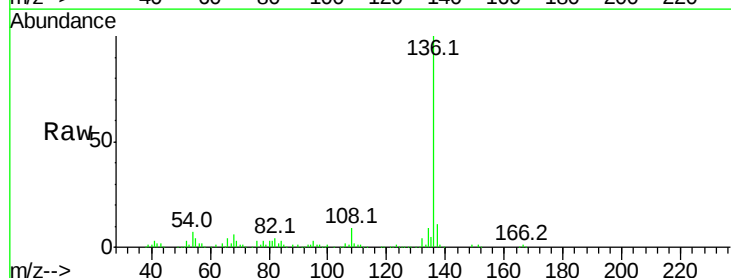
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.1 4.9 7.3

68 6.0 4.1 6.1

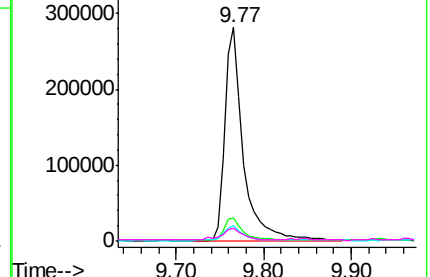
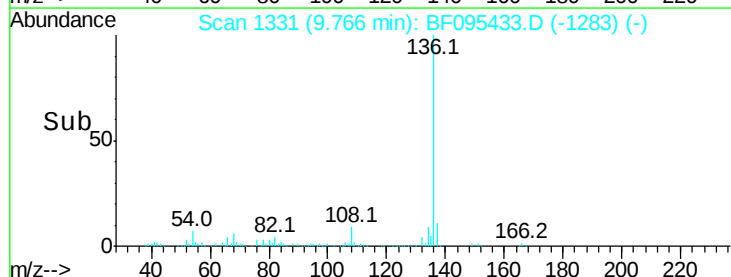


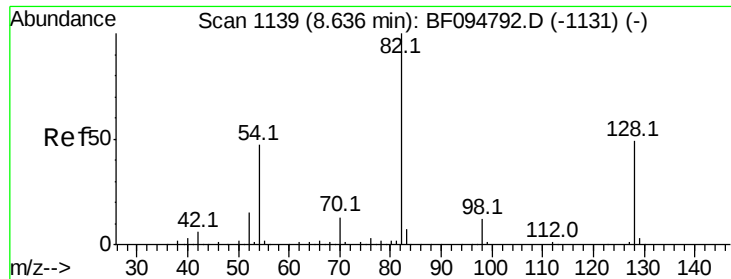
Abundance Ion 136.00 (135.70 to 136.70): E

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

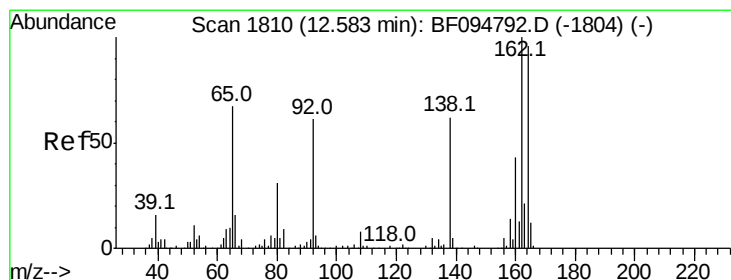
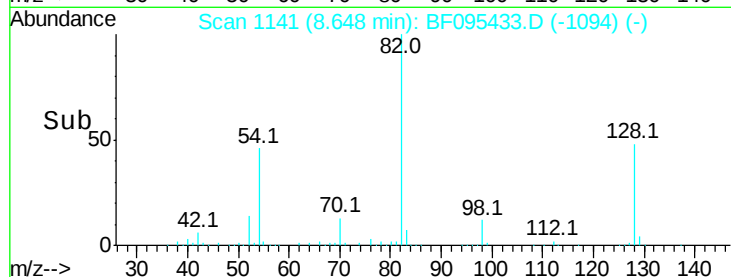
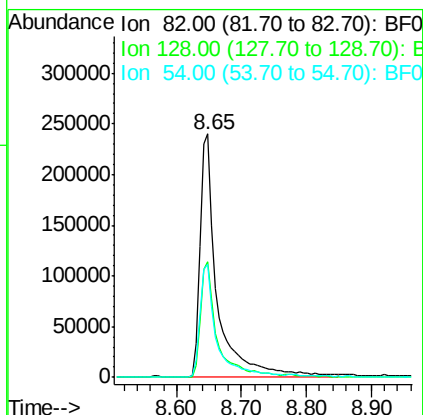
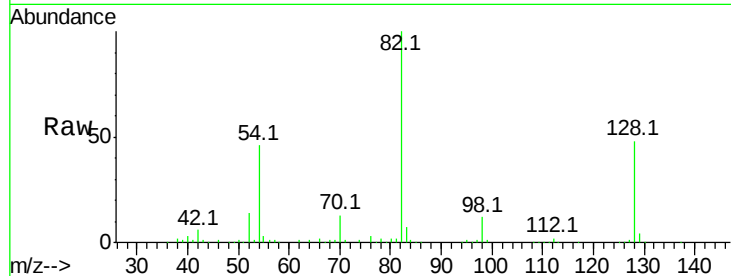




#23
 Nitrobenzene-d5
 Concen: 67.37 ng
 RT: 8.65 min Scan# 1141
 Delta R.T. -0.02 min
 Lab File: BF095433.D
 Acq: 25 May 2017 20:23

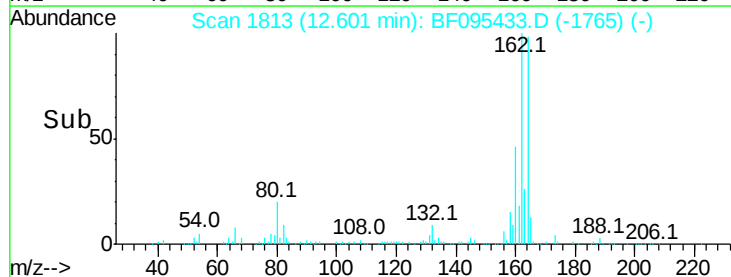
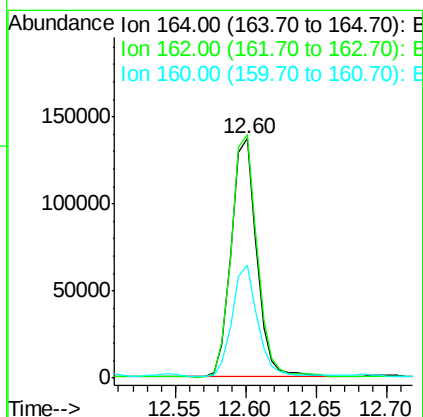
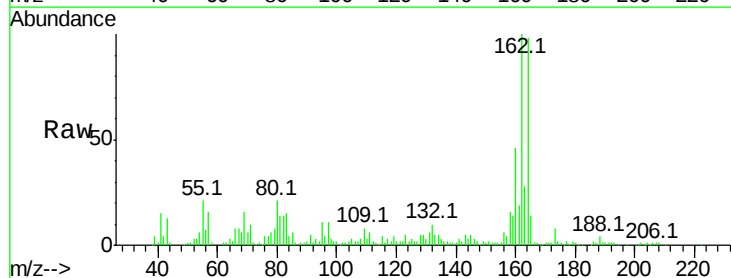
Instrument :
 BNA_F
 ClientSampleId :
 SB-24COMP

Tot Ion: 82 Resp: 441901
 Ion Ratio Lower Upper
 82 100
 128 47.7 34.0 51.0
 54 46.2 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.60 min Scan# 1813
 Delta R.T. -0.02 min
 Lab File: BF095433.D
 Acq: 25 May 2017 20:23

Tgt Ion: 164 Resp: 171101
 Ion Ratio Lower Upper
 164 100
 162 101.7 82.6 123.8
 160 47.3 36.2 54.2

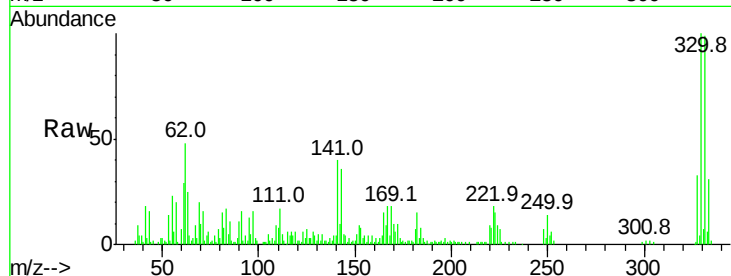




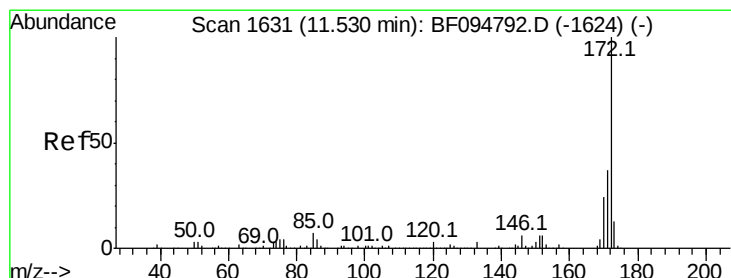
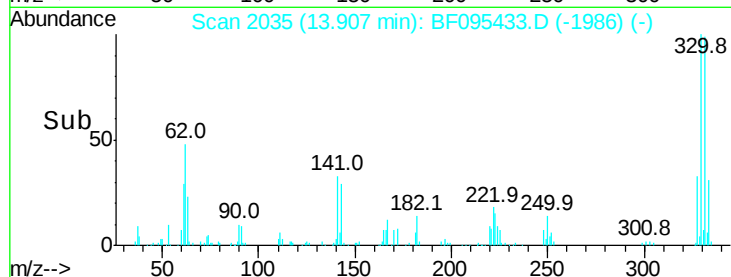
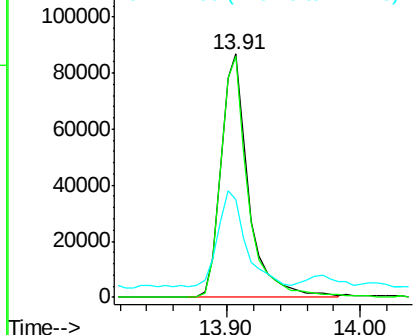
#41
 2,4,6-Tribromophenol
 Concen: 89.61 ng
 RT: 13.91 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF095433.D
 Acq: 25 May 2017 20:23

Instrument :
 BNA_F
 ClientSampleId :
 SB-24COMP

Tot Ion:330 Resp: 125573
 Ion Ratio Lower Upper
 330 100
 332 98.5 76.6 115.0
 141 40.7 31.4 47.2

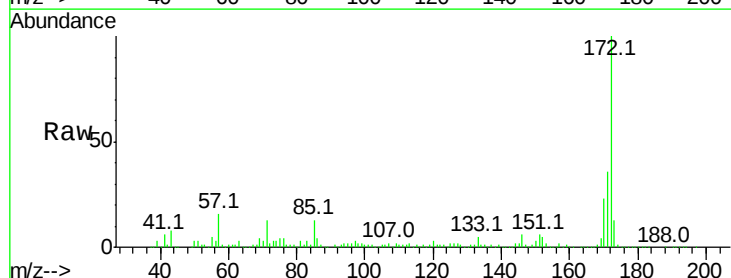


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

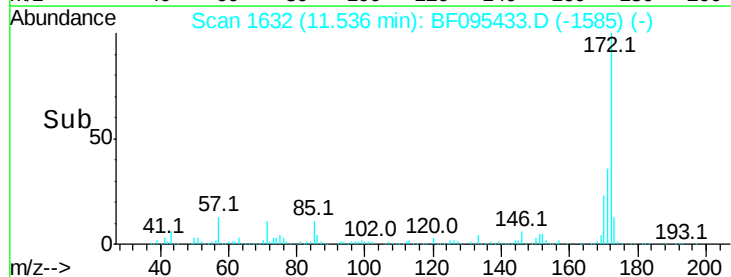
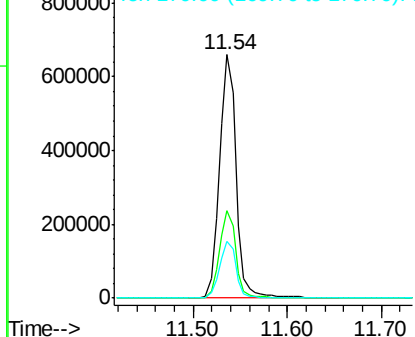


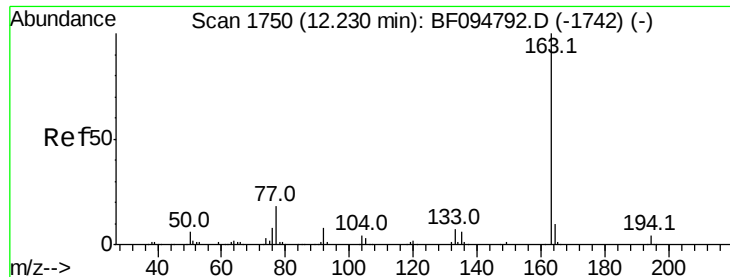
#44
 2-Fluorobiphenyl
 Concen: 68.75 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. -0.02 min
 Lab File: BF095433.D
 Acq: 25 May 2017 20:23

Tgt Ion:172 Resp: 817298
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 23.5 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: 14.31 ng

RT: 12.23 min Scan# 1750

Delta R.T. -0.03 min

Lab File: BF095433.D

Acq: 25 May 2017 20:23

Instrument :

BNA_F

ClientSampleId :

SB-24COMP

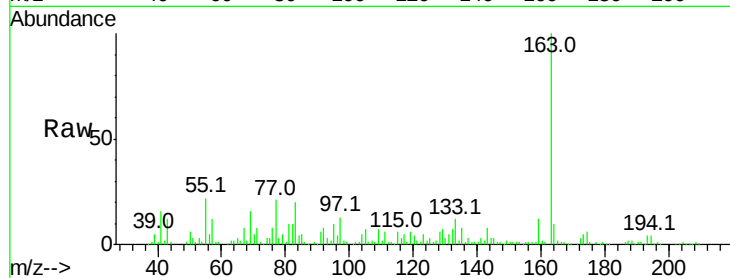
Tot Ion:163 Resp: 201050

Ion Ratio Lower Upper

163 100

194 4.2 2.6 4.0#

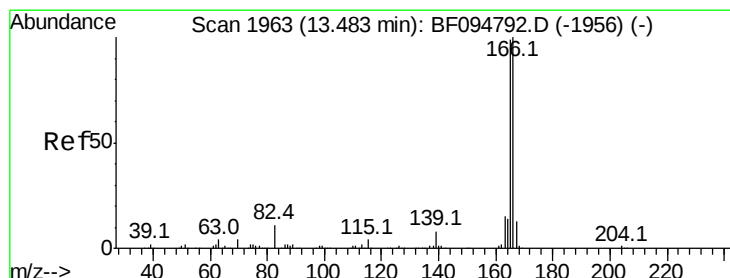
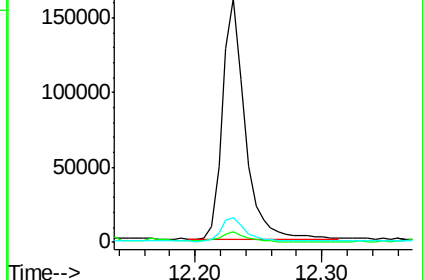
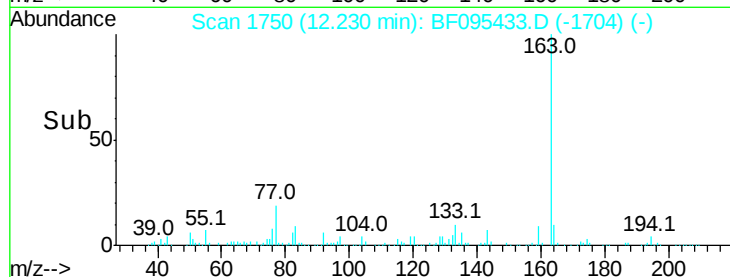
164 10.1 8.4 12.6



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



#57

Fluorene

Concen: 2.99 ng

RT: 13.50 min Scan# 1965

Delta R.T. -0.02 min

Lab File: BF095433.D

Acq: 25 May 2017 20:23

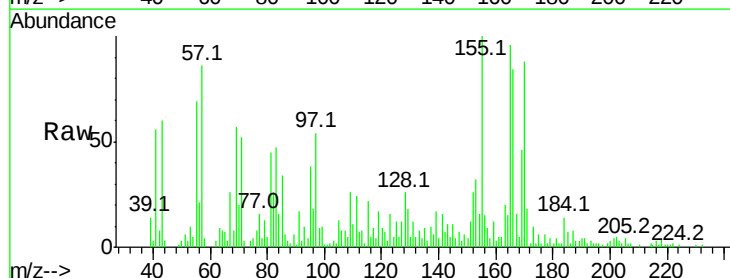
Tgt Ion:166 Resp: 39112

Ion Ratio Lower Upper

166 100

165 113.7 78.8 118.2

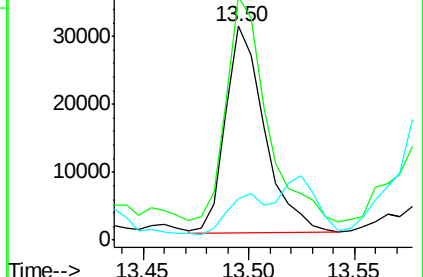
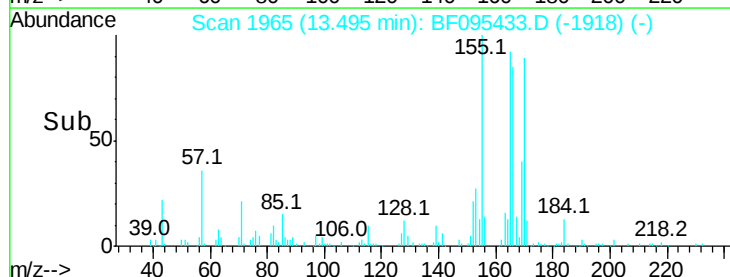
167 19.0 10.6 16.0#

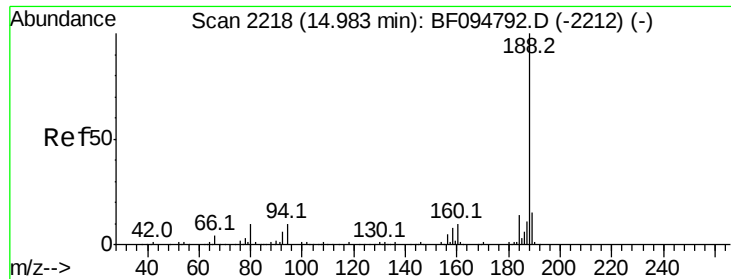


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 15.01 min Scan# 2222

Delta R.T. -0.02 min

Lab File: BF095433.D

Acq: 25 May 2017 20:23

Instrument :

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ClientSampleId :

SB-24COMP

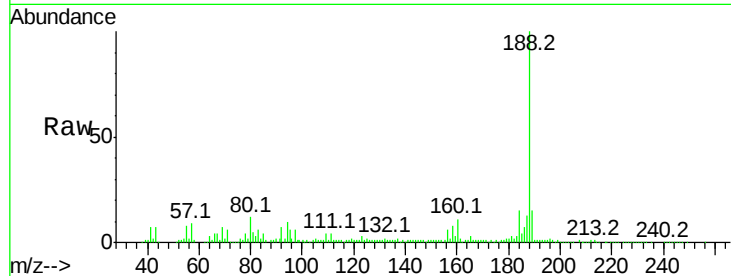
Tot Ion:188 Resp: 259746

Ion Ratio Lower Upper

188 100

94 10.4 9.4 14.2

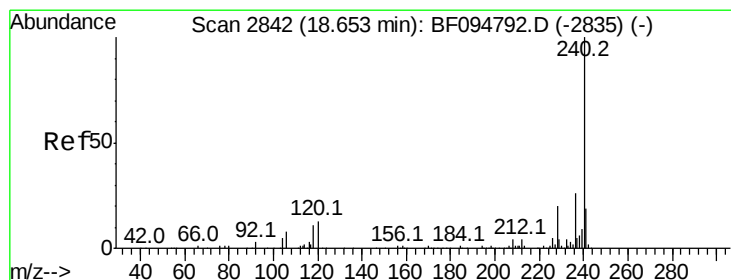
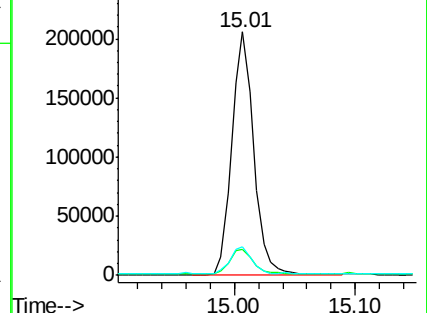
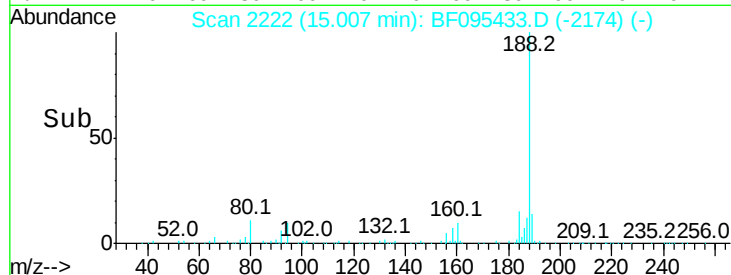
80 11.5 10.2 15.2



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: 20.00 ng

RT: 18.68 min Scan# 2846

Delta R.T. -0.02 min

Lab File: BF095433.D

Acq: 25 May 2017 20:23

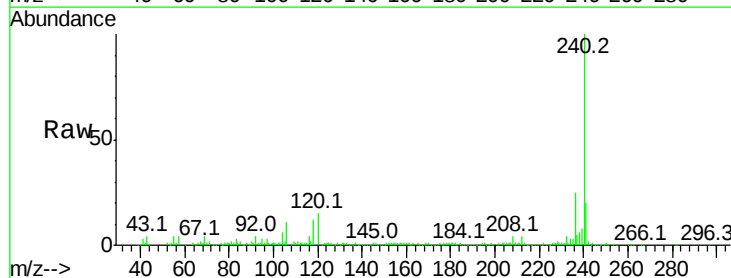
Tgt Ion:240 Resp: 200073

Ion Ratio Lower Upper

240 100

120 15.2 5.8 8.8#

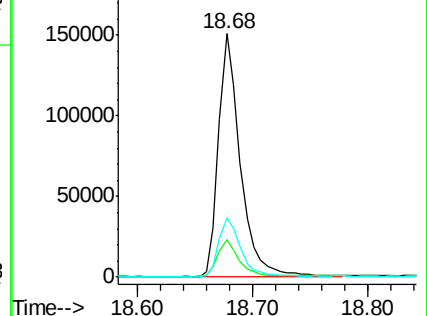
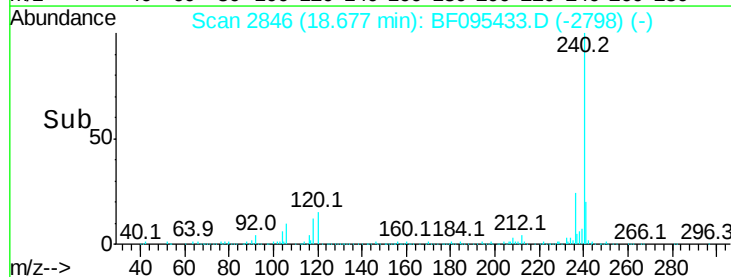
236 24.5 20.5 30.7

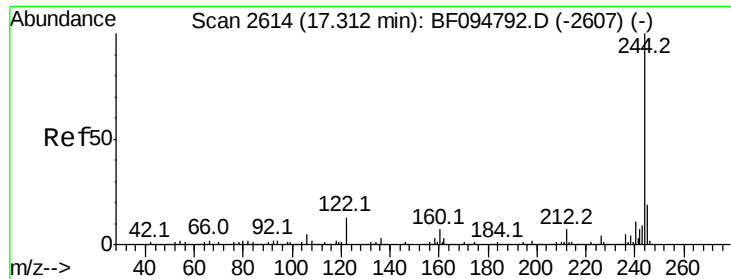


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 55.60 ng

RT: 17.32 min Scan# 2616

Delta R.T. -0.02 min

Lab File: BF095433.D

Acq: 25 May 2017 20:23

Instrument :

BNA_F

ClientSampleId :

SB-24COMP

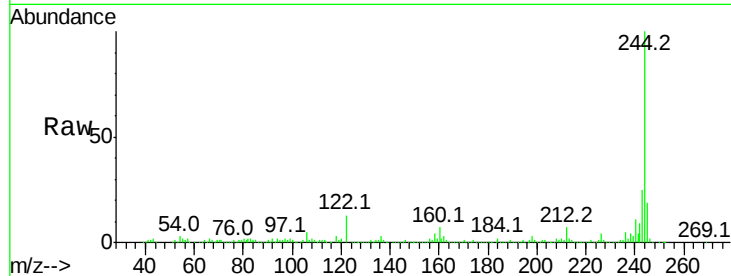
Tot Ion:244 Resp: 505048

Ion Ratio Lower Upper

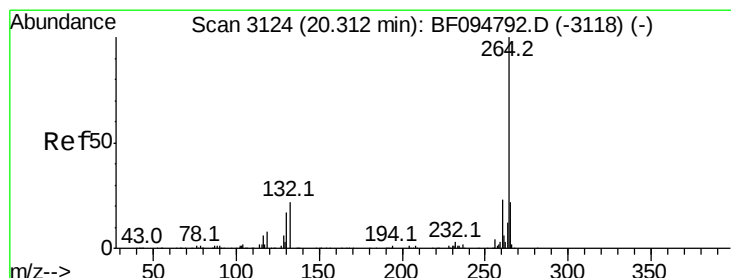
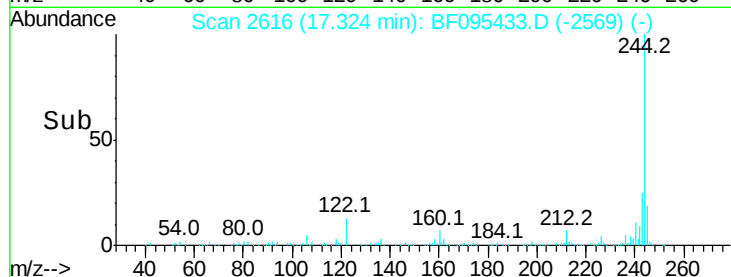
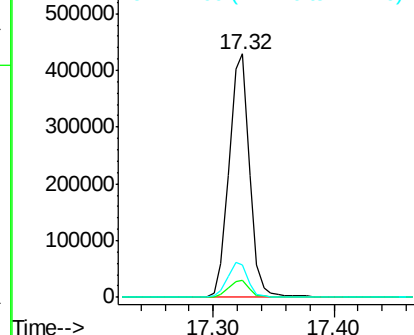
244 100

212 7.1 6.0 9.0

122 13.5 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: 20.35 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BF095433.D

Acq: 25 May 2017 20:23

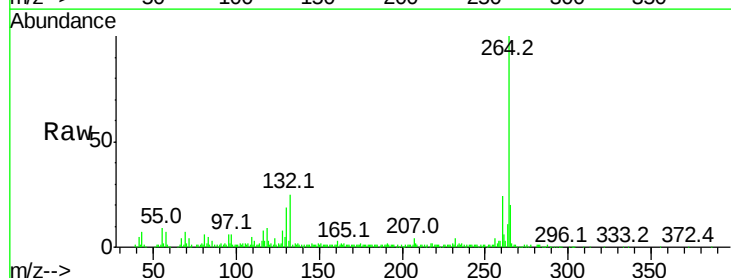
Tgt Ion:264 Resp: 156125

Ion Ratio Lower Upper

264 100

260 23.6 19.5 29.3

265 20.3 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

