

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
 Data File : BF094719.D
 Acq On : 30 Apr 2017 17:20
 Operator : SJ/MA
 Sample : I2873-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE-9-COMP

Quant Time: May 01 02:54:09 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	111449	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	444250	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	215516	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	406341	20.00	ng	0.00
75) Chrysene-d12	14.47	240	322419	20.00	ng	0.00
86) Perylene-d12	16.09	264	180413	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	817162	121.65	ng	0.03
7) Phenol-d6	5.40	99	966939	122.10	ng	0.00
23) Nitrobenzene-d5	6.42	82	640131	88.97	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	260478	154.52	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1265677	86.41	ng	0.00
78) Terphenyl-d14	13.19	244	1229860	101.96	ng	0.00

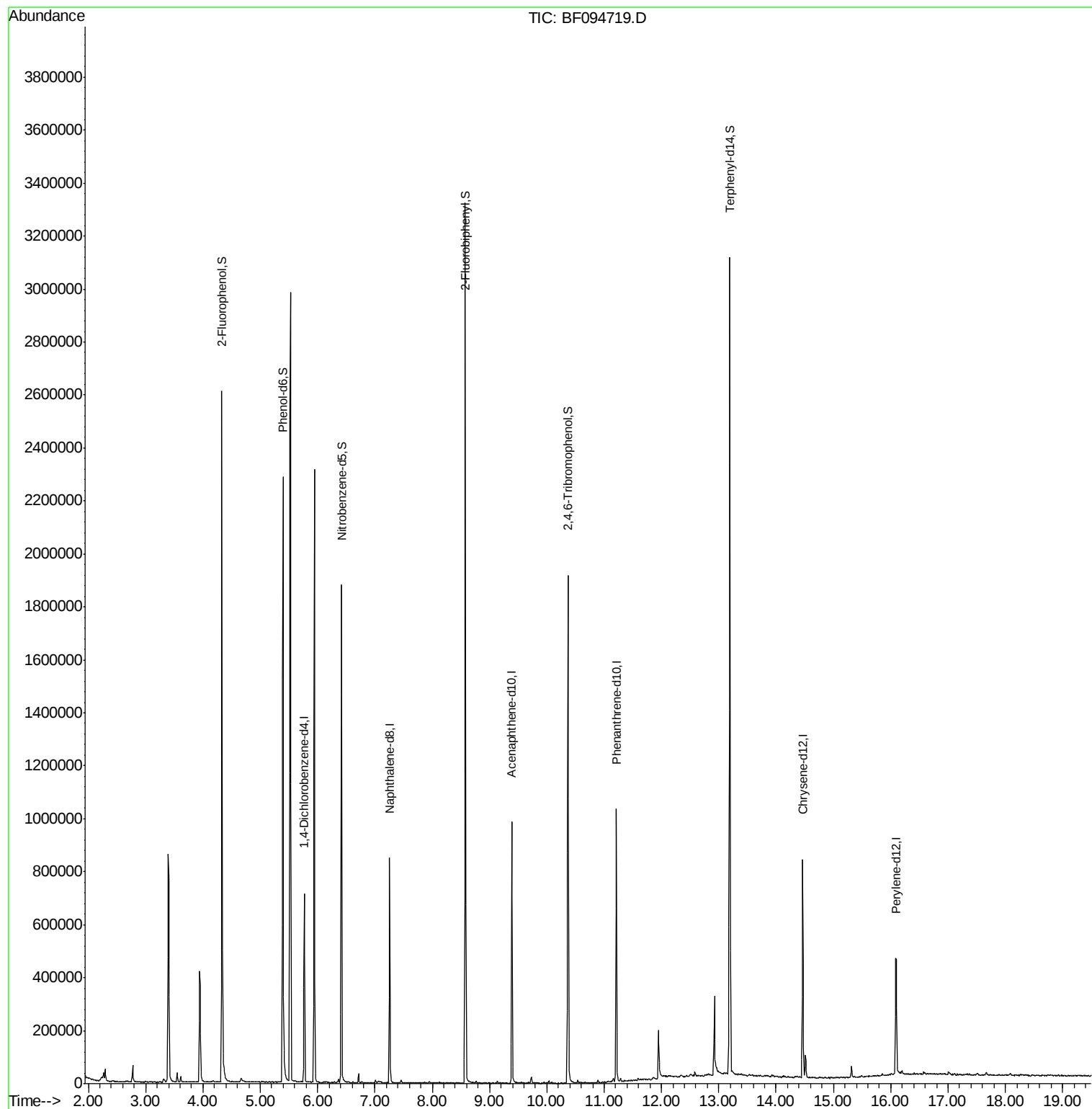
Target Compounds Qvalue

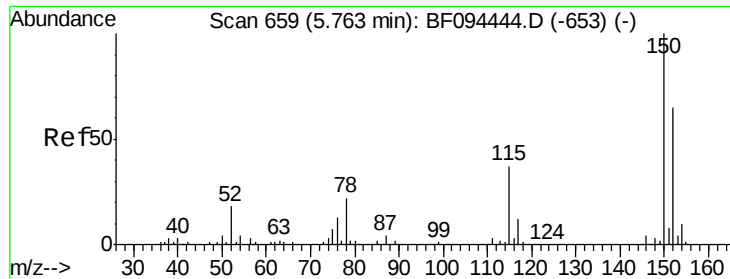
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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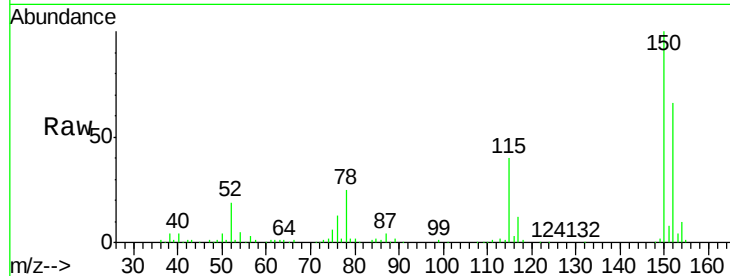




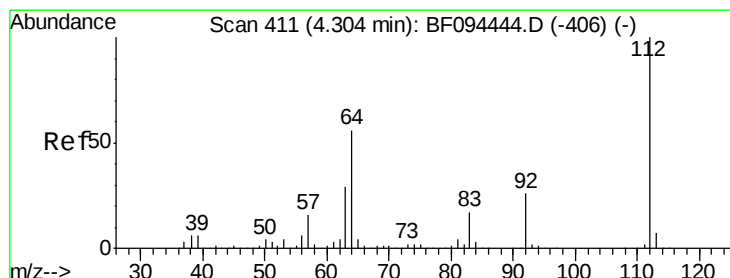
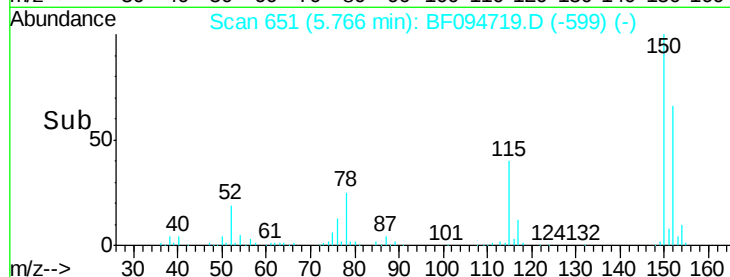
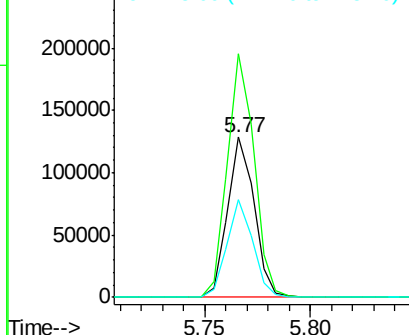
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.77 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: BF094719.D
 Acq: 30 Apr 2017 17:20

Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE-9-COMP

Tot Ion:152 Resp: 111449
 Ion Ratio Lower Upper
 152 100
 150 152.3 126.2 189.2
 115 61.3 52.2 78.2

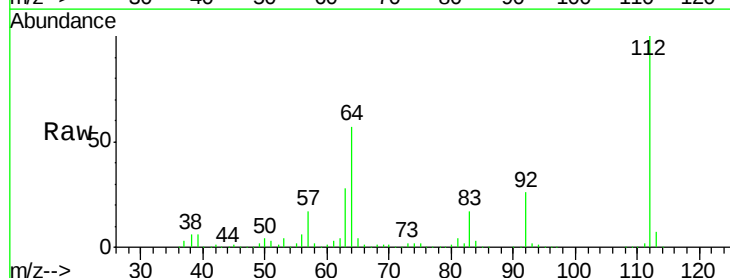


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

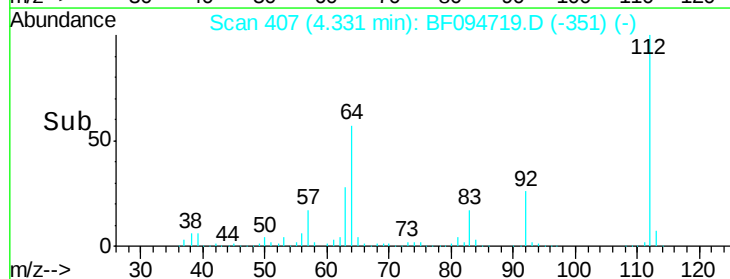
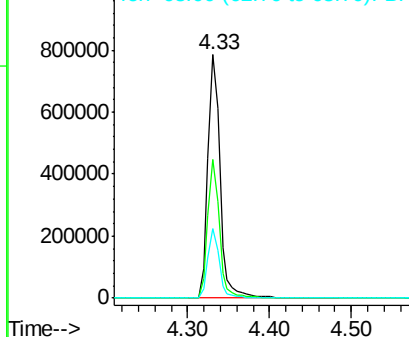


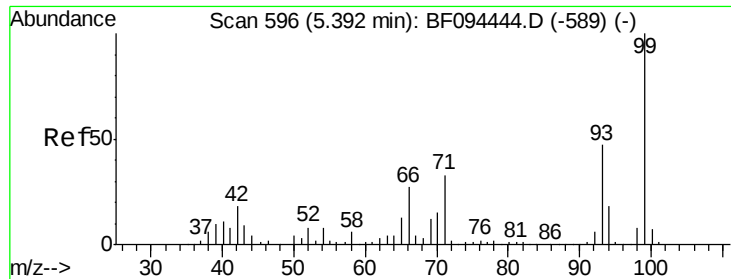
#5
 2-Fluorophenol
 Concen: 121.65 ng
 RT: 4.33 min Scan# 407
 Delta R.T. 0.03 min
 Lab File: BF094719.D
 Acq: 30 Apr 2017 17:20

Tgt Ion:112 Resp: 817162
 Ion Ratio Lower Upper
 112 100
 64 57.0 46.0 69.0
 63 28.5 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: 122.10 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF094719.D

Acq: 30 Apr 2017 17:20

Instrument :

BNA_F

ClientSampleId :

MANHOLE-9-COMP

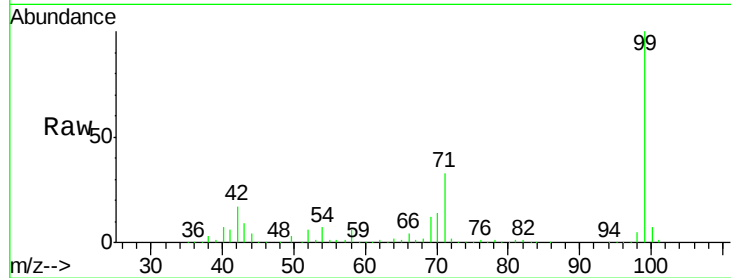
Tot Ion: 99 Resp: 966939

Ion Ratio Lower Upper

99 100

42 17.0 13.5 20.3

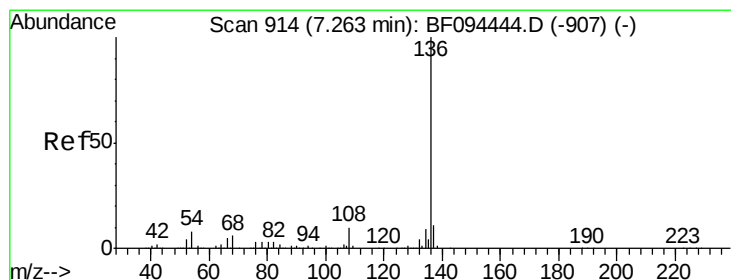
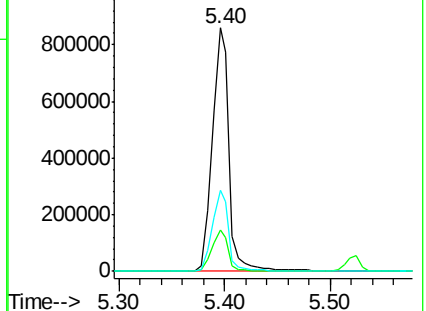
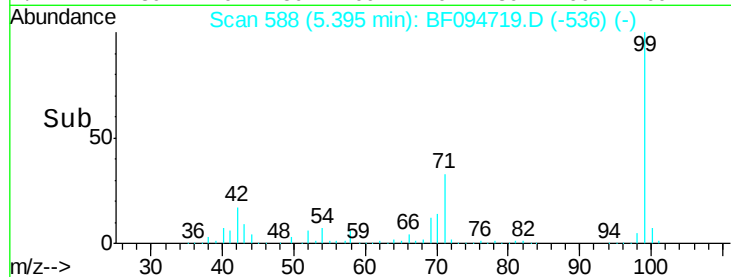
71 33.2 24.5 36.7



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: 7.25 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF094719.D

Acq: 30 Apr 2017 17:20

Tgt Ion: 136 Resp: 444250

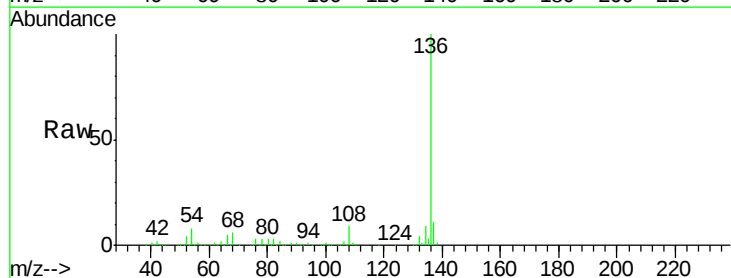
Ion Ratio Lower Upper

136 100

137 11.4 8.5 12.7

54 7.6 4.9 7.3#

68 5.8 4.1 6.1

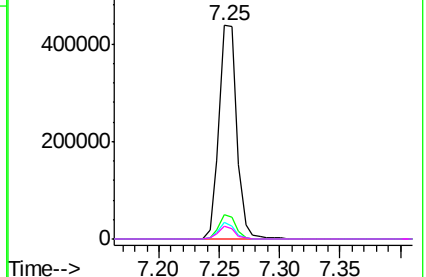
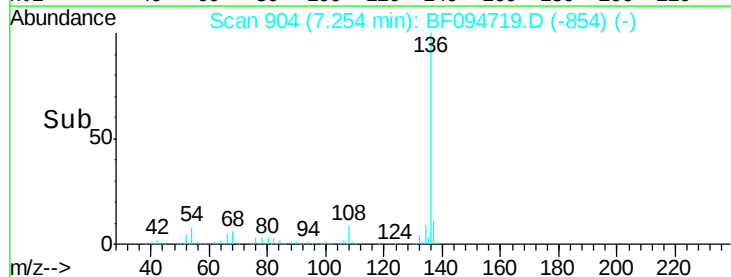


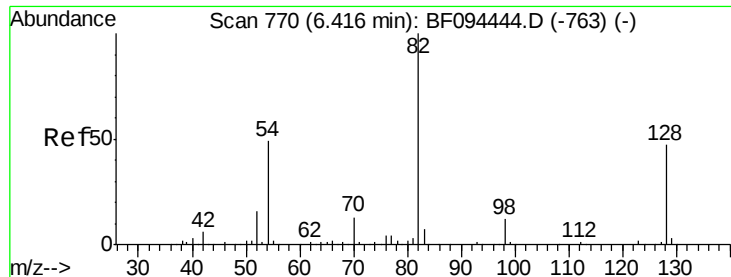
Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.97 ng

RT: 6.42 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF094719.D

Acq: 30 Apr 2017 17:20

Instrument :

BNA_F

ClientSampleId :

MANHOLE-9-COMP

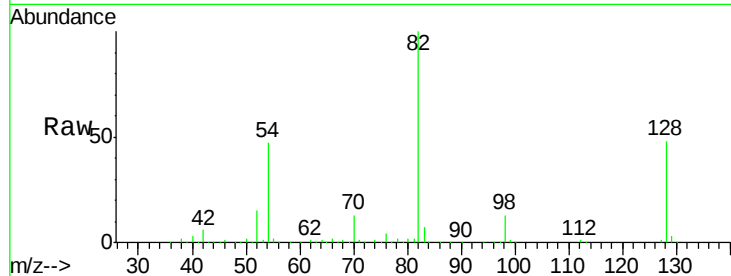
Tot Ion: 82 Resp: 640131

Ion Ratio Lower Upper

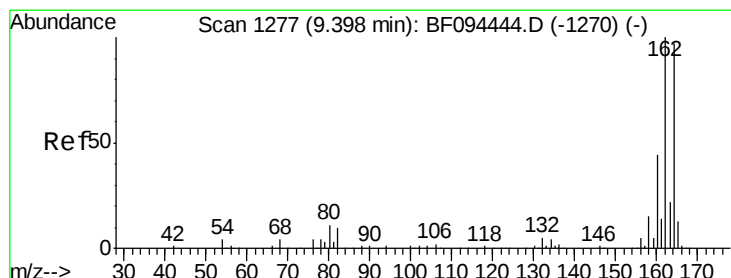
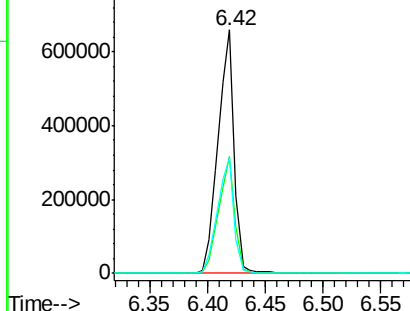
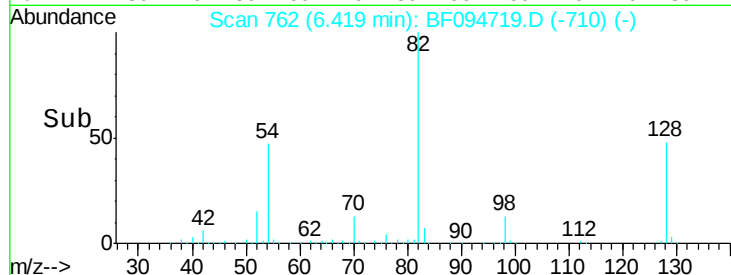
82 100

128 48.2 34.0 51.0

54 47.4 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.39 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF094719.D

Acq: 30 Apr 2017 17:20

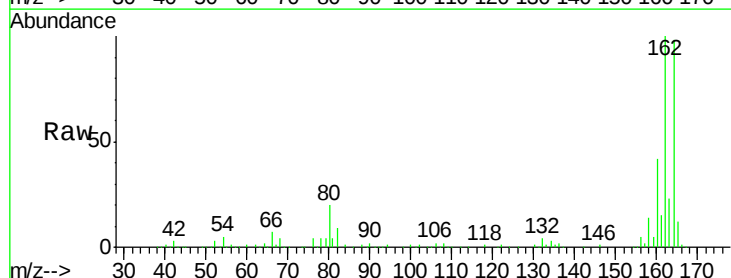
Tgt Ion:164 Resp: 215516

Ion Ratio Lower Upper

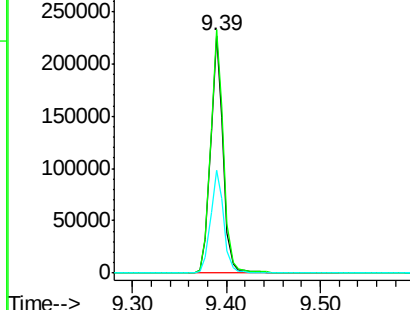
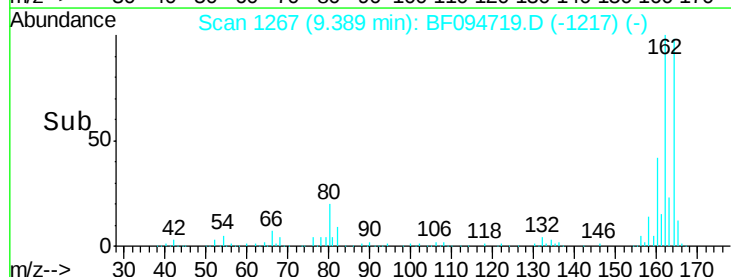
164 100

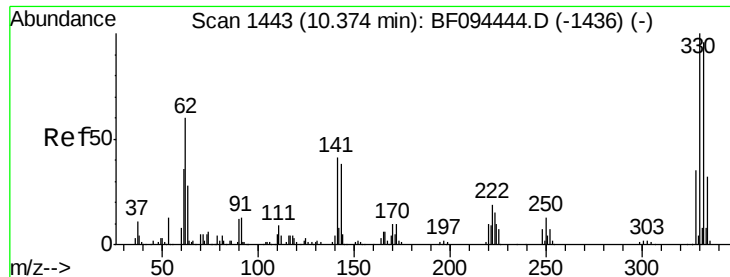
162 102.4 82.6 123.8

160 43.0 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

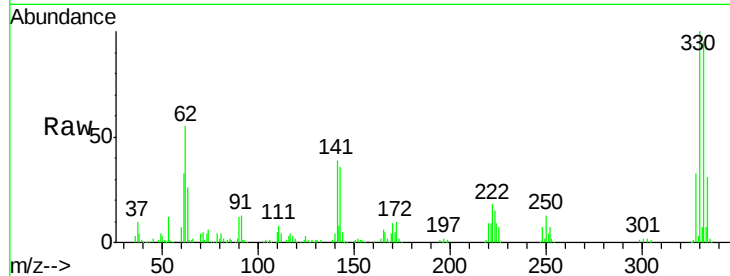




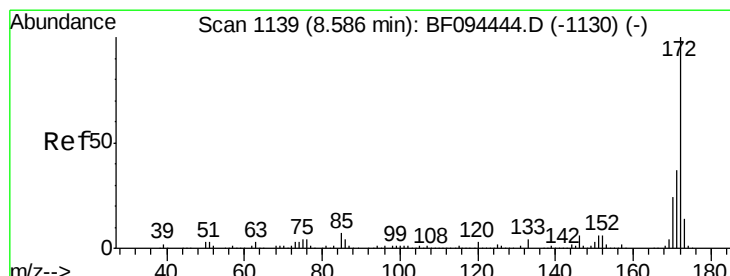
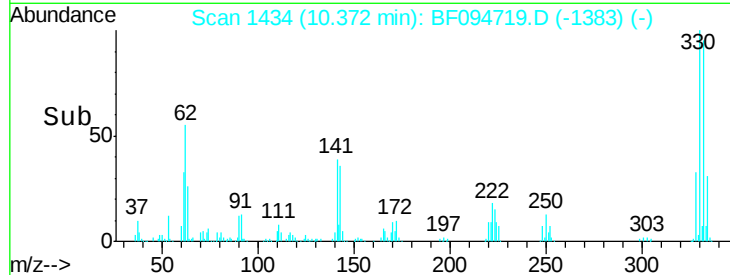
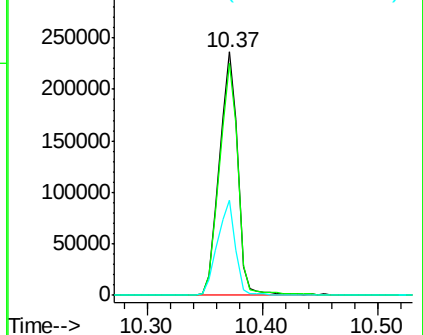
#41
 2,4,6-Tribromophenol
 Concen: 154.52 ng
 RT: 10.37 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF094719.D
 Acq: 30 Apr 2017 17:20

Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE-9-COMP

Tot Ion:330 Resp: 260478
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 115.0
 141 38.6 31.4 47.2

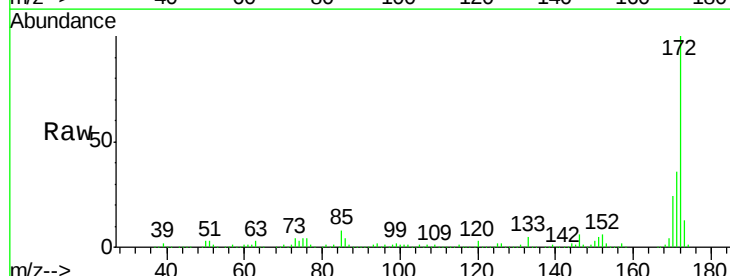


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

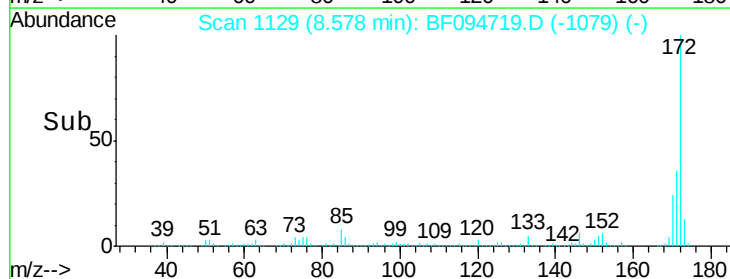
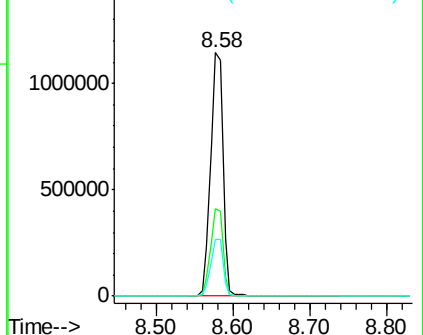


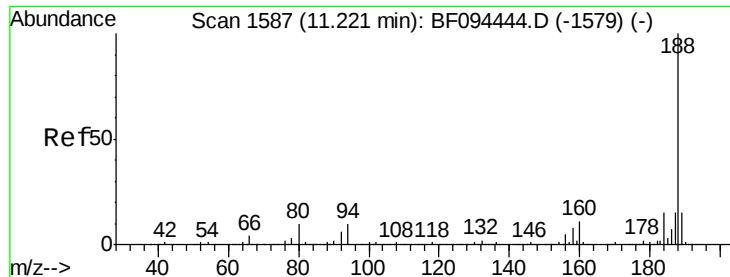
#44
 2-Fluorobiphenyl
 Concen: 86.41 ng
 RT: 8.58 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF094719.D
 Acq: 30 Apr 2017 17:20

Tgt Ion:172 Resp: 1265677
 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

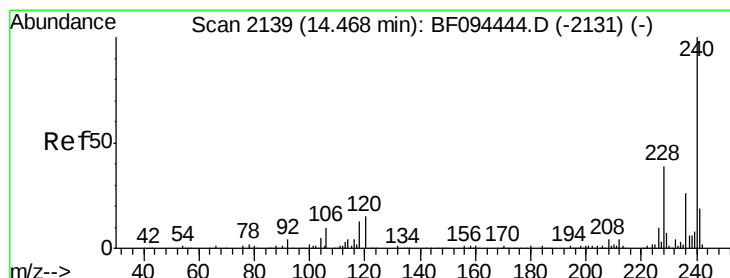
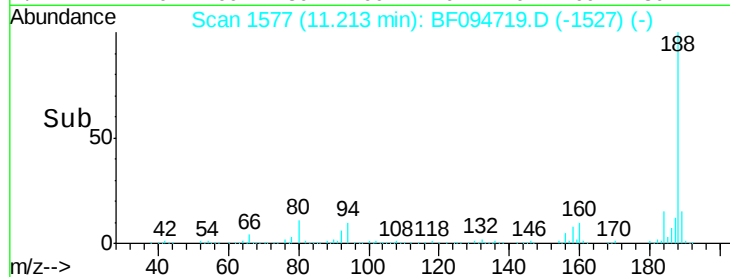
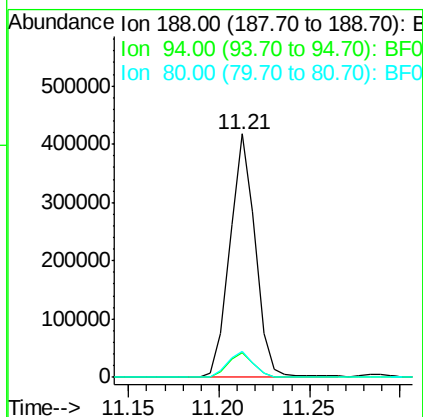
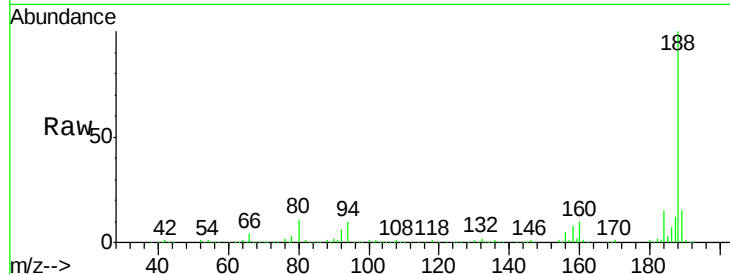




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF094719.D
 Acq: 30 Apr 2017 17:20

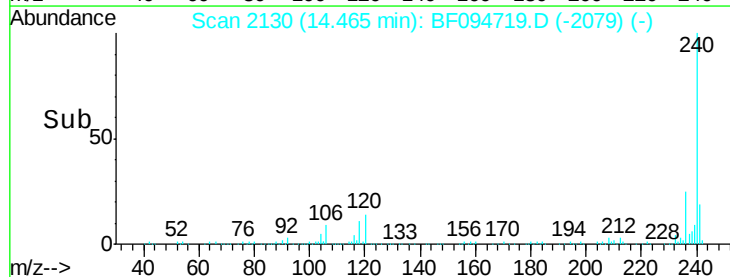
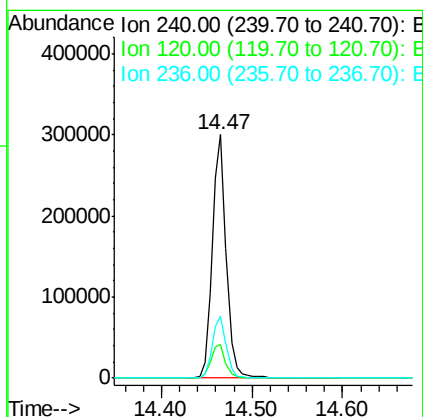
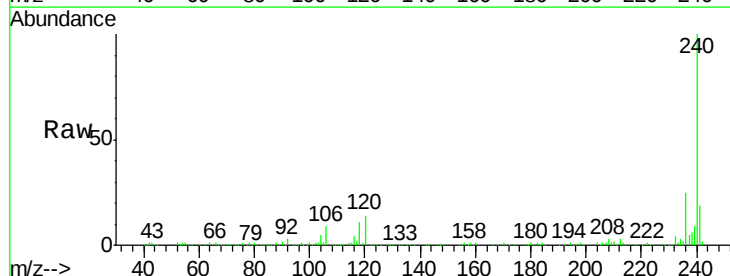
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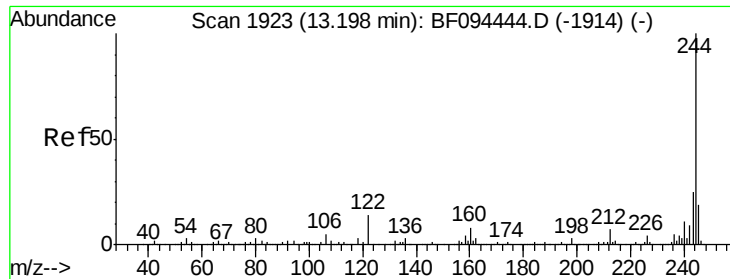
Tot Ion:188 Resp: 406341
 Ion Ratio Lower Upper
 188 100
 94 10.3 9.4 14.2
 80 10.6 10.2 15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.47 min Scan# 2130
 Delta R.T. -0.00 min
 Lab File: BF094719.D
 Acq: 30 Apr 2017 17:20

Tgt Ion:240 Resp: 322419
 Ion Ratio Lower Upper
 240 100
 120 14.0 5.8 8.8#
 236 25.3 20.5 30.7

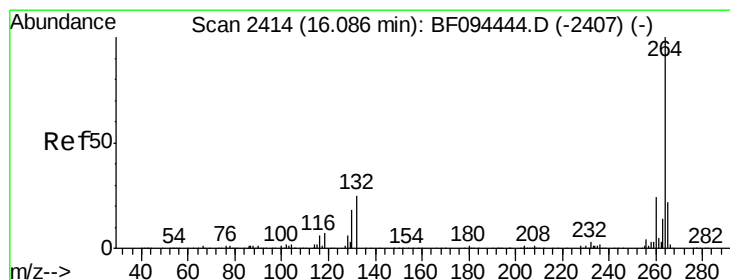
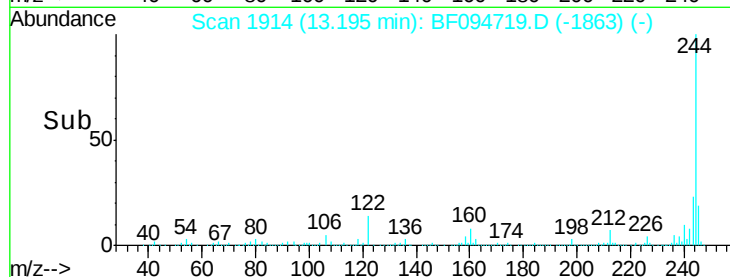
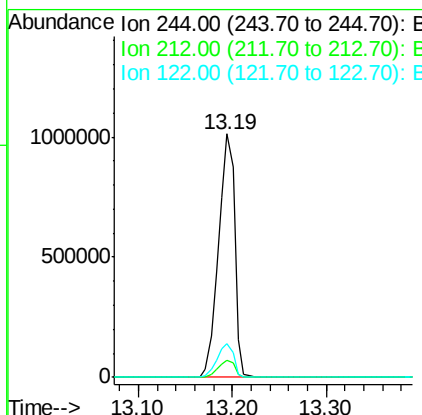
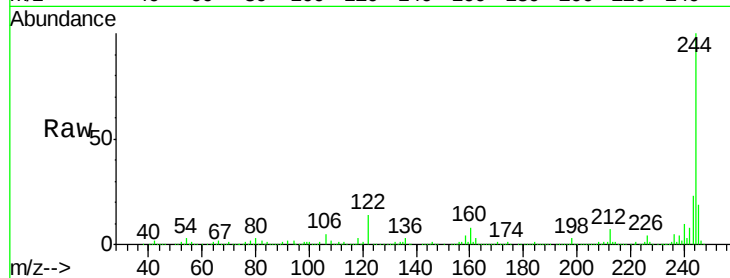




#78
 Terphenyl-d14
 Concen: 101.96 ng
 RT: 13.19 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: BF094719.D
 Acq: 30 Apr 2017 17:20

Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE-9-COMP

Tot Ion:244 Resp: 1229860
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 13.7 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2407
 Delta R.T. 0.01 min
 Lab File: BF094719.D
 Acq: 30 Apr 2017 17:20

Tgt Ion:264 Resp: 180413
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.9 17.2 25.8

