

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042215\
 Data File : BF078724.D
 Acq On : 22 Apr 2015 19:33
 Operator : TP/IZ
 Sample : G1955-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TILCONMH3.8-STONE002

Quant Time: Apr 23 01:13:25 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 00:55:17 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.78	152	20824	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	84913	20.00	ng	-0.01
38) Acenaphthene-d10	11.13	164	44880	20.00	ng	0.00
63) Phenanthrene-d10	13.86	188	98304	20.00	ng	0.00
75) Chrysene-d12	17.74	240	113902	20.00	ng	0.00
86) Perylene-d12	19.47	264	112309	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	3.80	112	104932	83.08	ng	0.00
7) Phenol-d6	5.29	99	136330	86.13	ng	0.00
23) Nitrobenzene-d5	6.72	82	80770	57.66	ng	-0.01
41) 2,4,6-Tribromophenol	12.61	330	37337	100.31	ng	0.00
44) 2-Fluorobiphenyl	9.95	172	180137	57.37	ng	-0.01
78) Terphenyl-d14	16.40	244	249790	49.55	ng	0.00

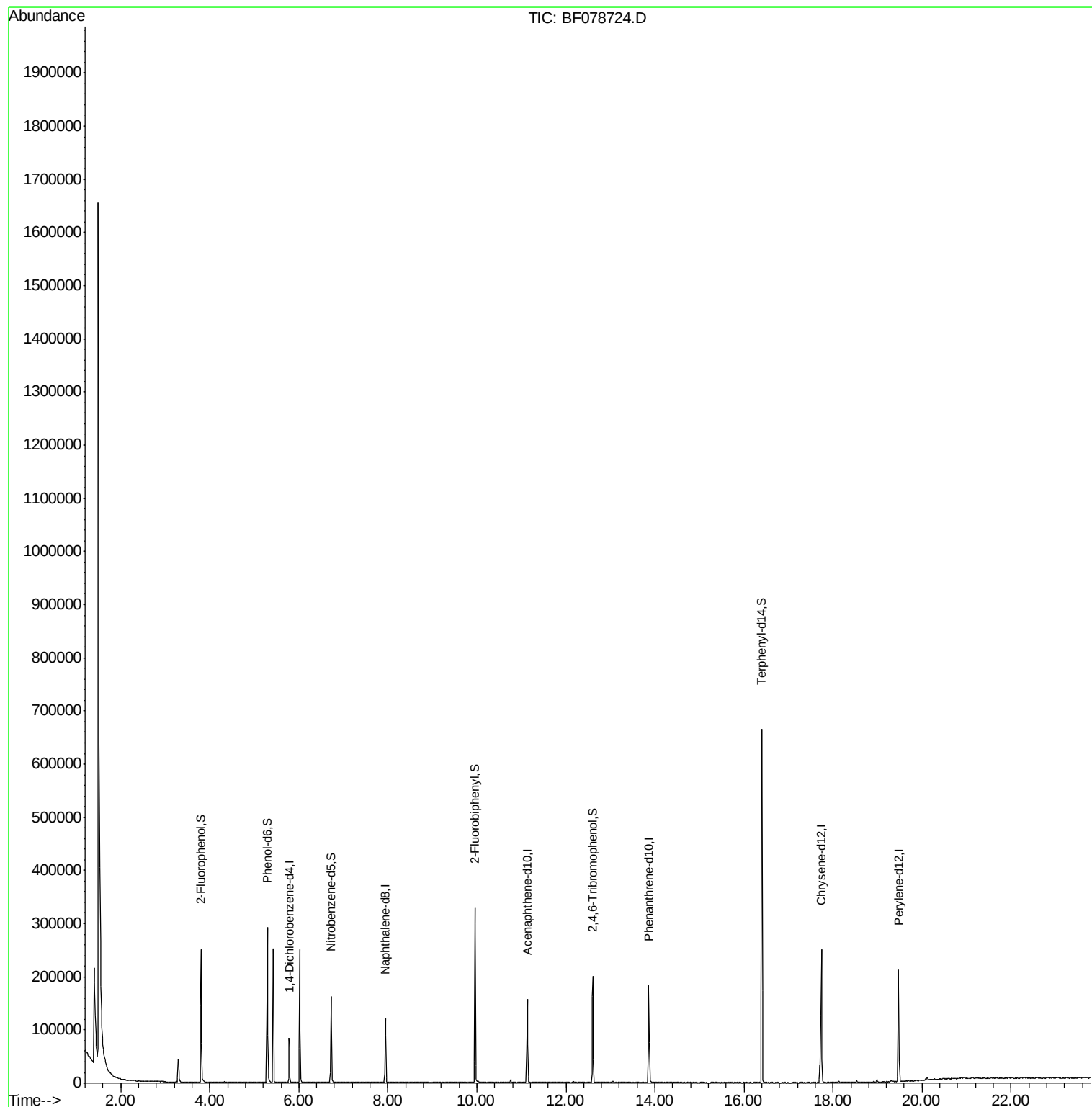
Target Compounds Qvalue

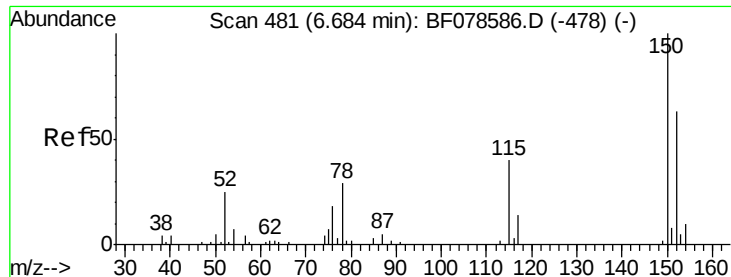
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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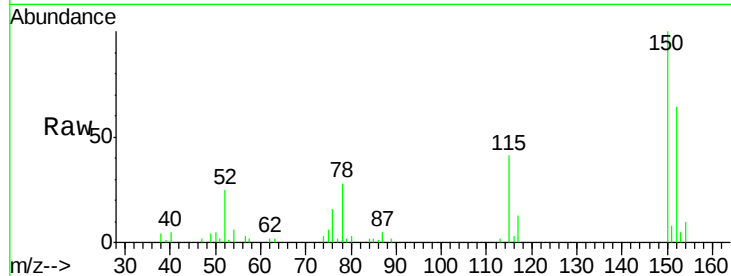




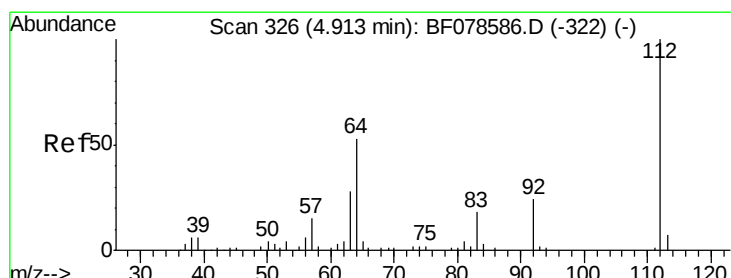
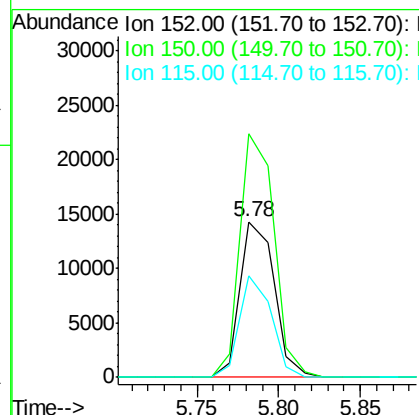
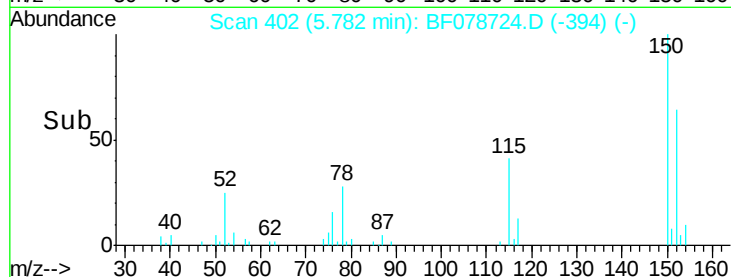
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.78 min Scan# 402
 Delta R.T. -0.01 min
 Lab File: BF078724.D
 Acq: 22 Apr 2015 19:33

Instrument :
 BNA_F
 ClientSampleId :
 TILCONMH3.8-STONE002

Tot Ion:152 Resp: 20824
 Ion Ratio Lower Upper
 152 100
 150 156.4 125.9 188.9
 115 64.8 52.7 79.1

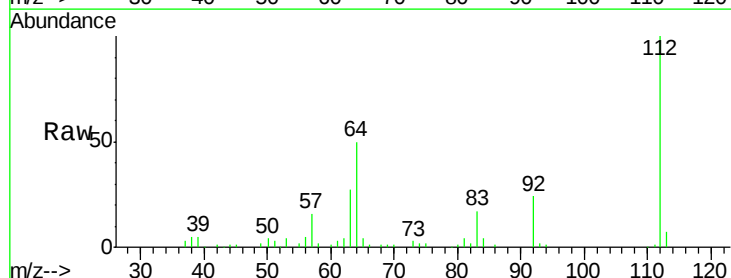


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

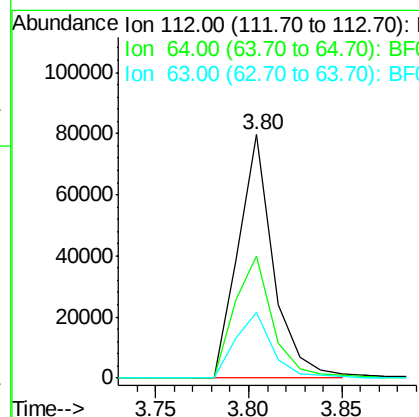
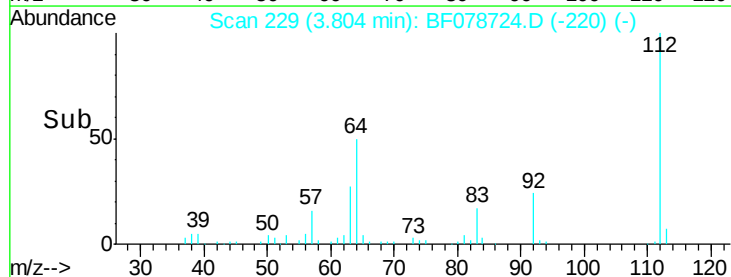


#5
 2-Fluorophenol
 Concen: 83.08 ng
 RT: 3.80 min Scan# 229
 Delta R.T. 0.00 min
 Lab File: BF078724.D
 Acq: 22 Apr 2015 19:33

Tgt Ion:112 Resp: 104932
 Ion Ratio Lower Upper
 112 100
 64 50.1 39.9 59.9
 63 27.0 20.2 30.4



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: 86.13 ng

RT: 5.29 min Scan# 359

Delta R.T. 0.00 min

Lab File: BF078724.D

Acq: 22 Apr 2015 19:33

Instrument :

BNA_F

ClientSampleId :

TILCONMH3.8-STONE002

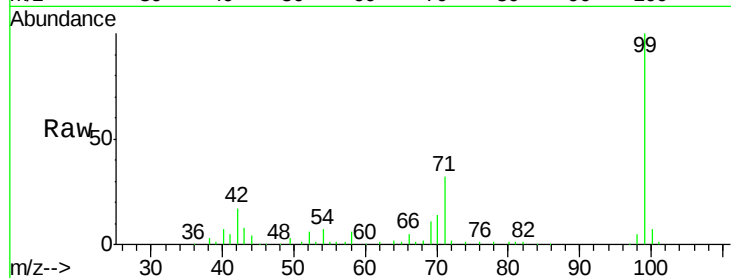
Tot Ion: 99 Resp: 136330

Ion Ratio Lower Upper

99 100

42 16.7 14.8 22.2

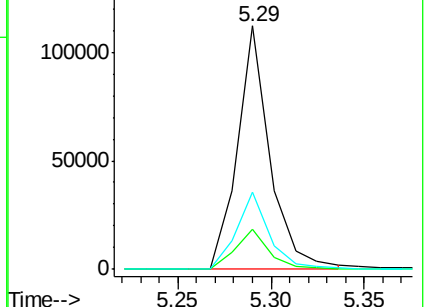
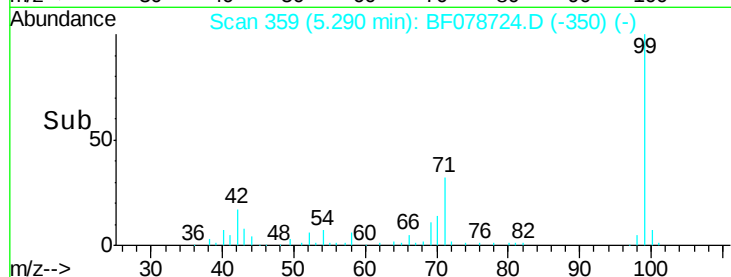
71 32.0 26.6 39.8



Abundance Ion 99.00 (98.70 to 99.70): BF078724.D (-350) (-)

Ion 42.00 (41.70 to 42.70): BF078724.D (-350) (-)

Ion 71.00 (70.70 to 71.70): BF078724.D (-350) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 591

Delta R.T. -0.01 min

Lab File: BF078724.D

Acq: 22 Apr 2015 19:33

Tgt Ion: 136 Resp: 84913

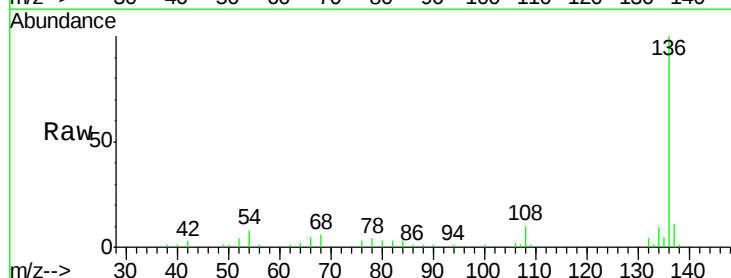
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.4

54 8.1 7.0 10.6

68 6.0 5.4 8.2

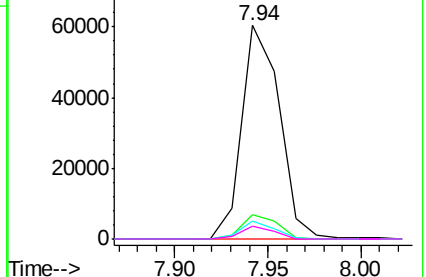
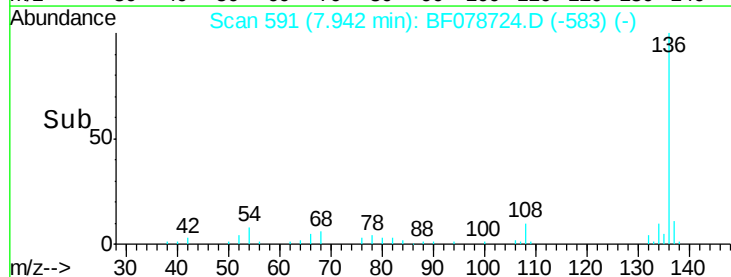


Abundance Ion 136.00 (135.70 to 136.70): BF078724.D (-583) (-)

Ion 137.00 (136.70 to 137.70): BF078724.D (-583) (-)

Ion 54.00 (53.70 to 54.70): BF078724.D (-583) (-)

Ion 68.00 (67.70 to 68.70): BF078724.D (-583) (-)





#23

Nitrobenzene-d5

Concen: 57.66 ng

RT: 6.72 min Scan# 484

Delta R.T. -0.01 min

Lab File: BF078724.D

Acq: 22 Apr 2015 19:33

Instrument :

BNA_F

ClientSampleId :

TILCONMH3.8-STONE002

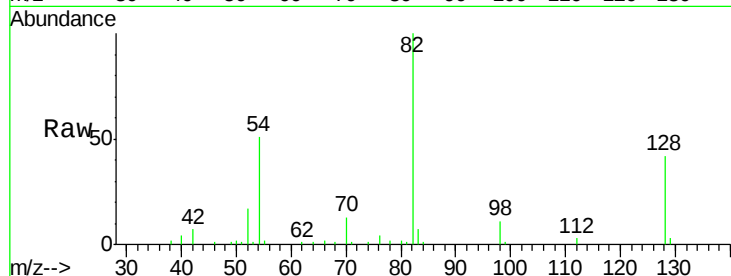
Tot Ion: 82 Resp: 80770

Ion Ratio Lower Upper

82 100

128 41.7 31.8 47.8

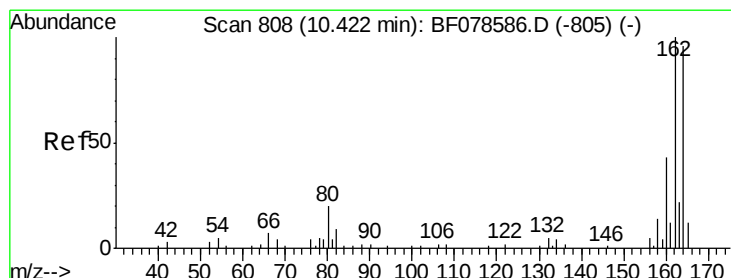
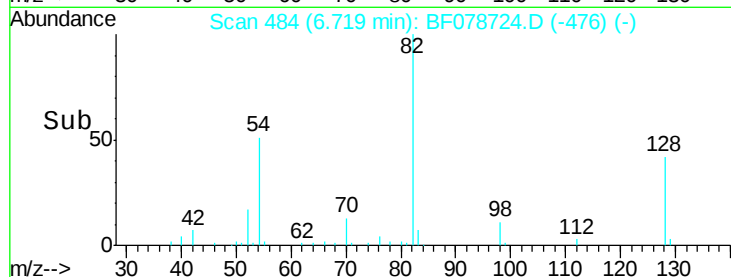
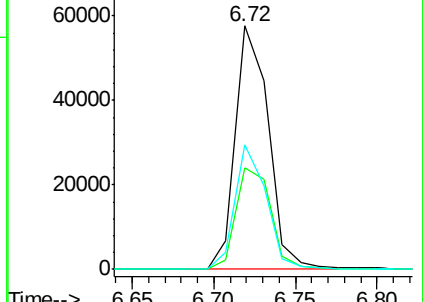
54 51.0 41.5 62.3



Abundance Ion 82.00 (81.70 to 82.70): BF078586.D (-540) (-)

Ion 128.00 (127.70 to 128.70): BF078586.D (-540) (-)

Ion 54.00 (53.70 to 54.70): BF078586.D (-540) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.13 min Scan# 870

Delta R.T. 0.00 min

Lab File: BF078724.D

Acq: 22 Apr 2015 19:33

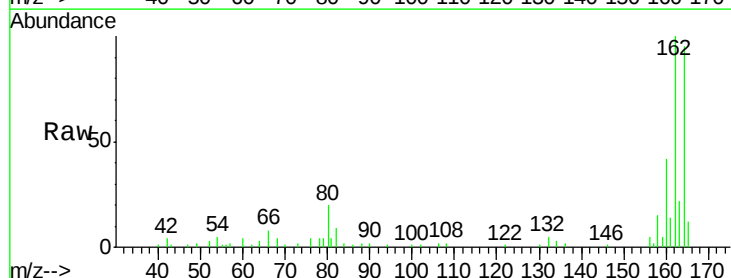
Tgt Ion: 164 Resp: 44880

Ion Ratio Lower Upper

164 100

162 105.2 82.2 123.2

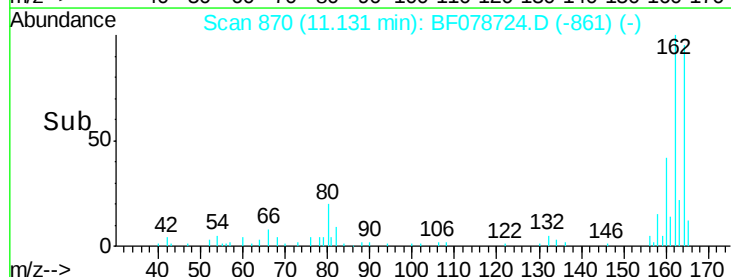
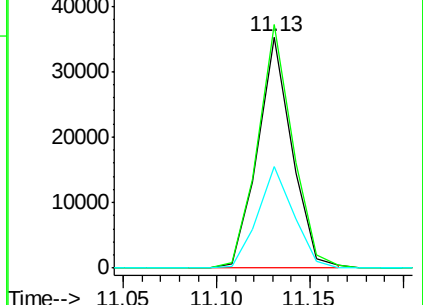
160 44.0 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): BF078586.D (-805) (-)

Ion 162.00 (161.70 to 162.70): BF078586.D (-805) (-)

Ion 160.00 (159.70 to 160.70): BF078586.D (-805) (-)

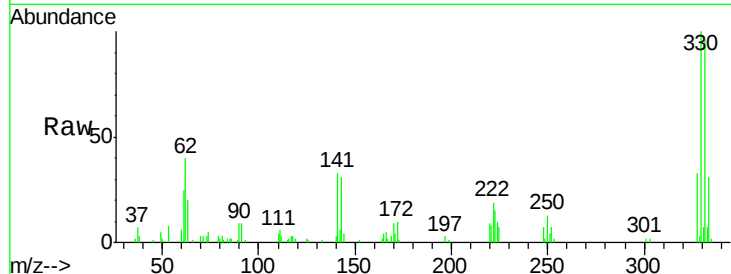




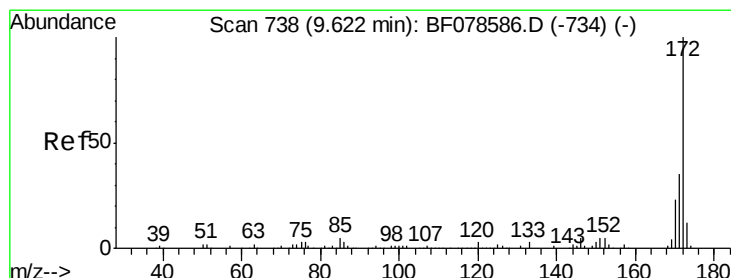
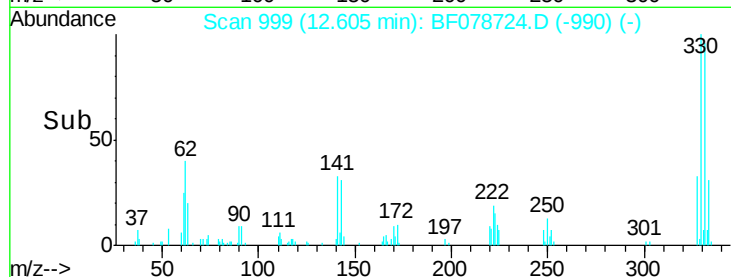
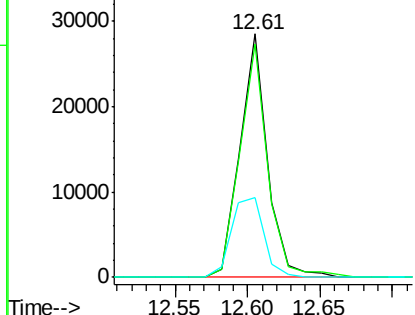
#41
 2,4,6-Tribromophenol
 Concen: 100.31 ng
 RT: 12.61 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: BF078724.D
 Acq: 22 Apr 2015 19:33

Instrument :
 BNA_F
 ClientSampleId :
 TILCONMH3.8-STONE002

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	78.6	117.8
141	39.1	31.2	46.8

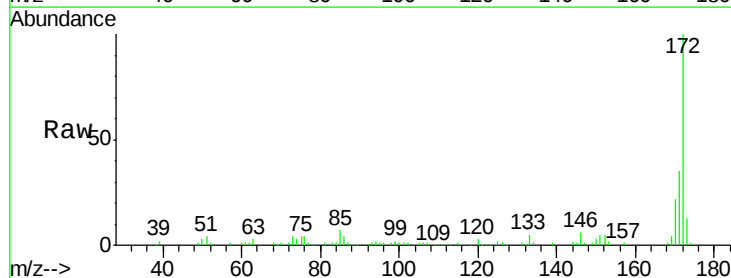


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

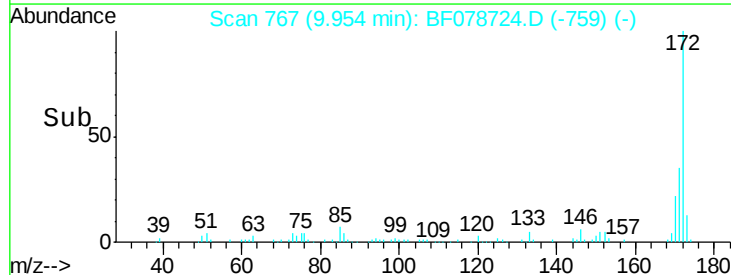
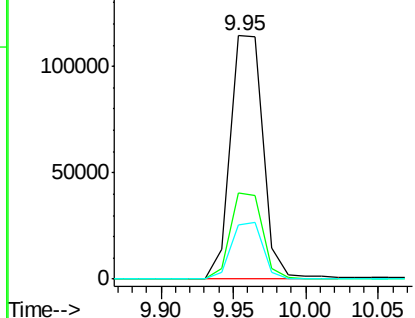


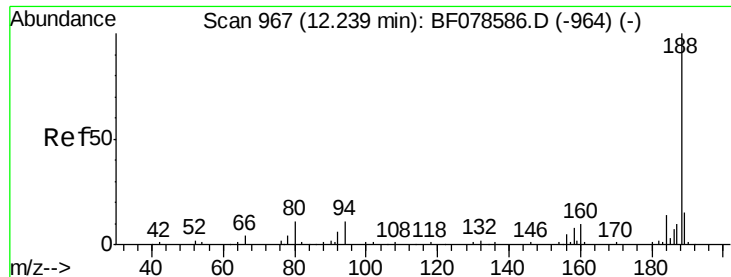
#44
 2-Fluorobiphenyl
 Concen: 57.37 ng
 RT: 9.95 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: BF078724.D
 Acq: 22 Apr 2015 19:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	42.8
170	22.1	18.5	27.7



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

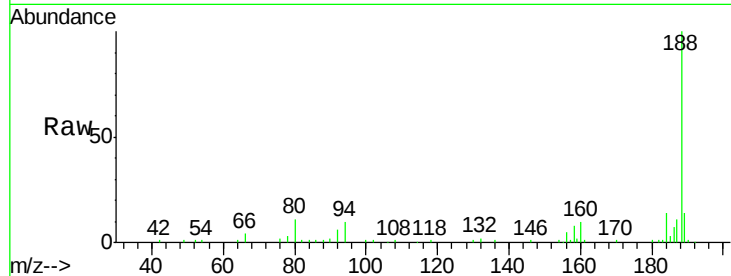




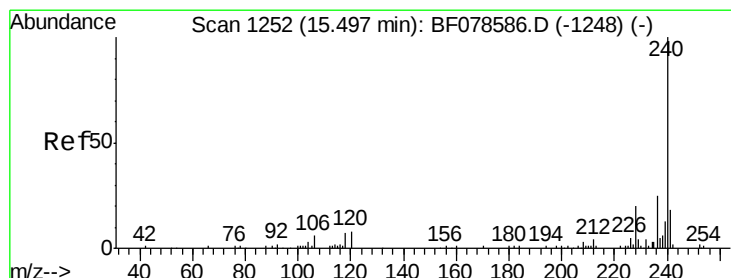
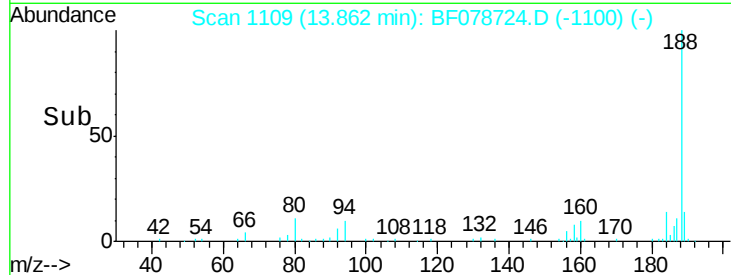
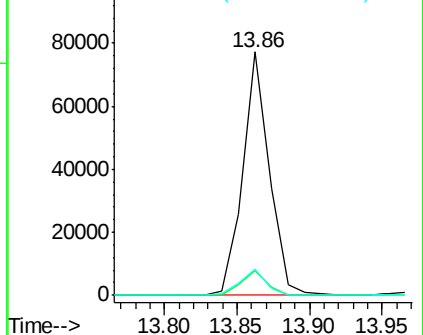
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 13.86 min Scan# 1109
 Delta R.T. 0.00 min
 Lab File: BF078724.D
 Acq: 22 Apr 2015 19:33

Instrument :
 BNA_F
 ClientSampleId :
 TILCONMH3.8-STONE002

Tot Ion:188 Resp: 98304
 Ion Ratio Lower Upper
 188 100
 94 10.0 9.0 13.4
 80 10.5 9.5 14.3

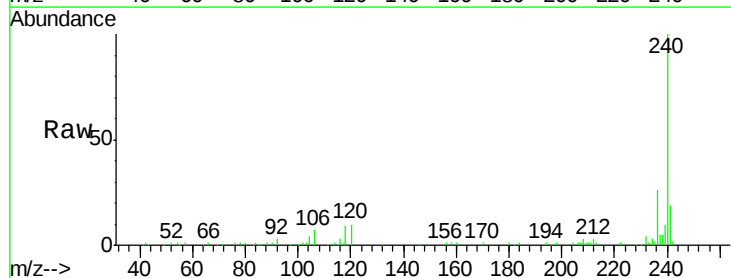


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

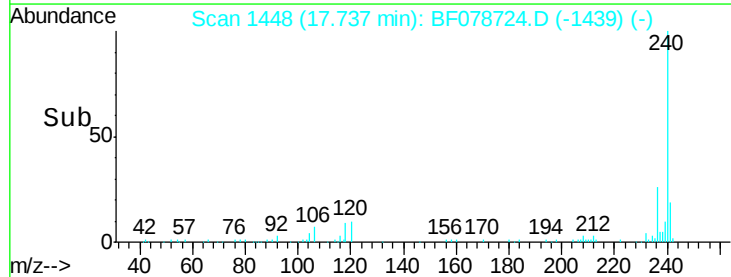
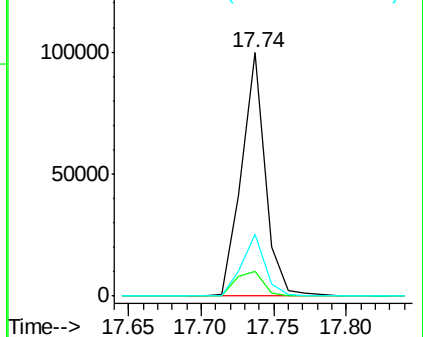


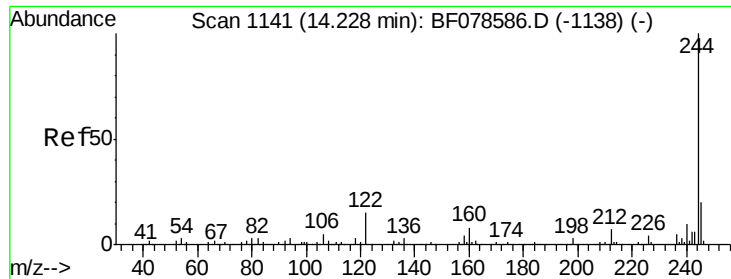
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 17.74 min Scan# 1448
 Delta R.T. 0.00 min
 Lab File: BF078724.D
 Acq: 22 Apr 2015 19:33

Tgt Ion:240 Resp: 113902
 Ion Ratio Lower Upper
 240 100
 120 10.1 7.1 10.7
 236 25.6 21.4 32.2



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: 49.55 ng

RT: 16.40 min Scan# 1331

Delta R.T. 0.00 min

Lab File: BF078724.D

Acq: 22 Apr 2015 19:33

Instrument :

BNA_F

ClientSampleId :

TILCONMH3.8-STONE002

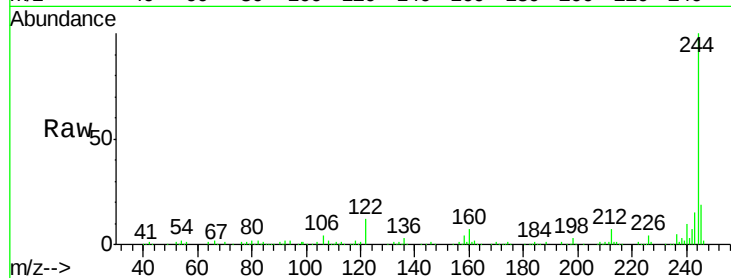
Tot Ion:244 Resp: 249790

Ion Ratio Lower Upper

244 100

212 6.8 5.0 7.4

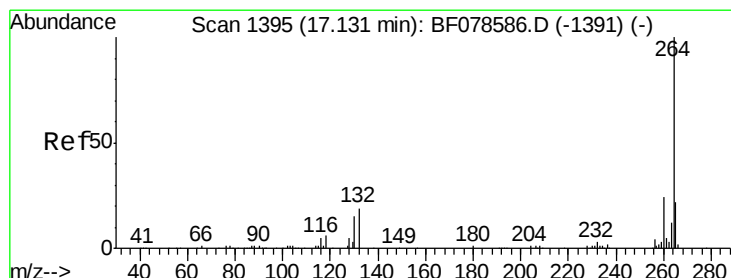
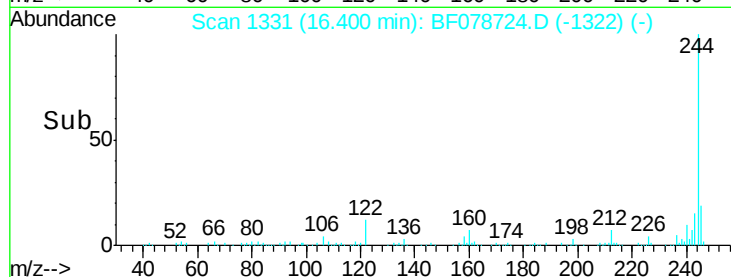
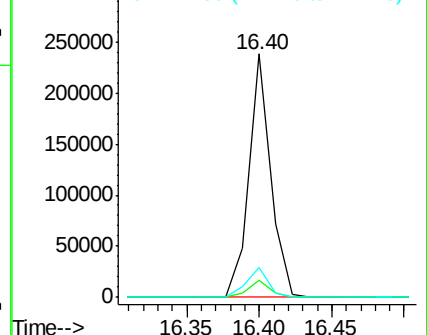
122 12.4 7.1 10.7#



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: 19.47 min Scan# 1600

Delta R.T. 0.05 min

Lab File: BF078724.D

Acq: 22 Apr 2015 19:33

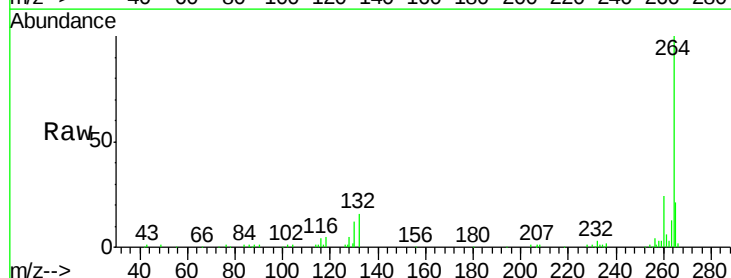
Tgt Ion:264 Resp: 112309

Ion Ratio Lower Upper

264 100

260 24.0 18.6 27.8

265 20.8 17.0 25.6



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

