

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042215\
 Data File : BF078733.D
 Acq On : 23 Apr 2015 00:12
 Operator : TP/IZ
 Sample : PB82927BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82927BL

Quant Time: Apr 23 01:16:53 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	22691	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	90456	20.00	ng	-0.01
38) Acenaphthene-d10	11.13	164	46990	20.00	ng	0.00
63) Phenanthrene-d10	13.86	188	96599	20.00	ng	0.00
75) Chrysene-d12	17.74	240	114805	20.00	ng	0.00
86) Perylene-d12	19.41	264	113867	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	3.80	112	164955	119.86	ng	0.00
7) Phenol-d6	5.29	99	209791	121.64	ng	0.00
23) Nitrobenzene-d5	6.72	82	120300	80.61	ng	-0.01
41) 2,4,6-Tribromophenol	12.60	330	53217	136.55	ng	0.00
44) 2-Fluorobiphenyl	9.96	172	262870	79.96	ng	0.00
78) Terphenyl-d14	16.40	244	351323	69.15	ng	0.00

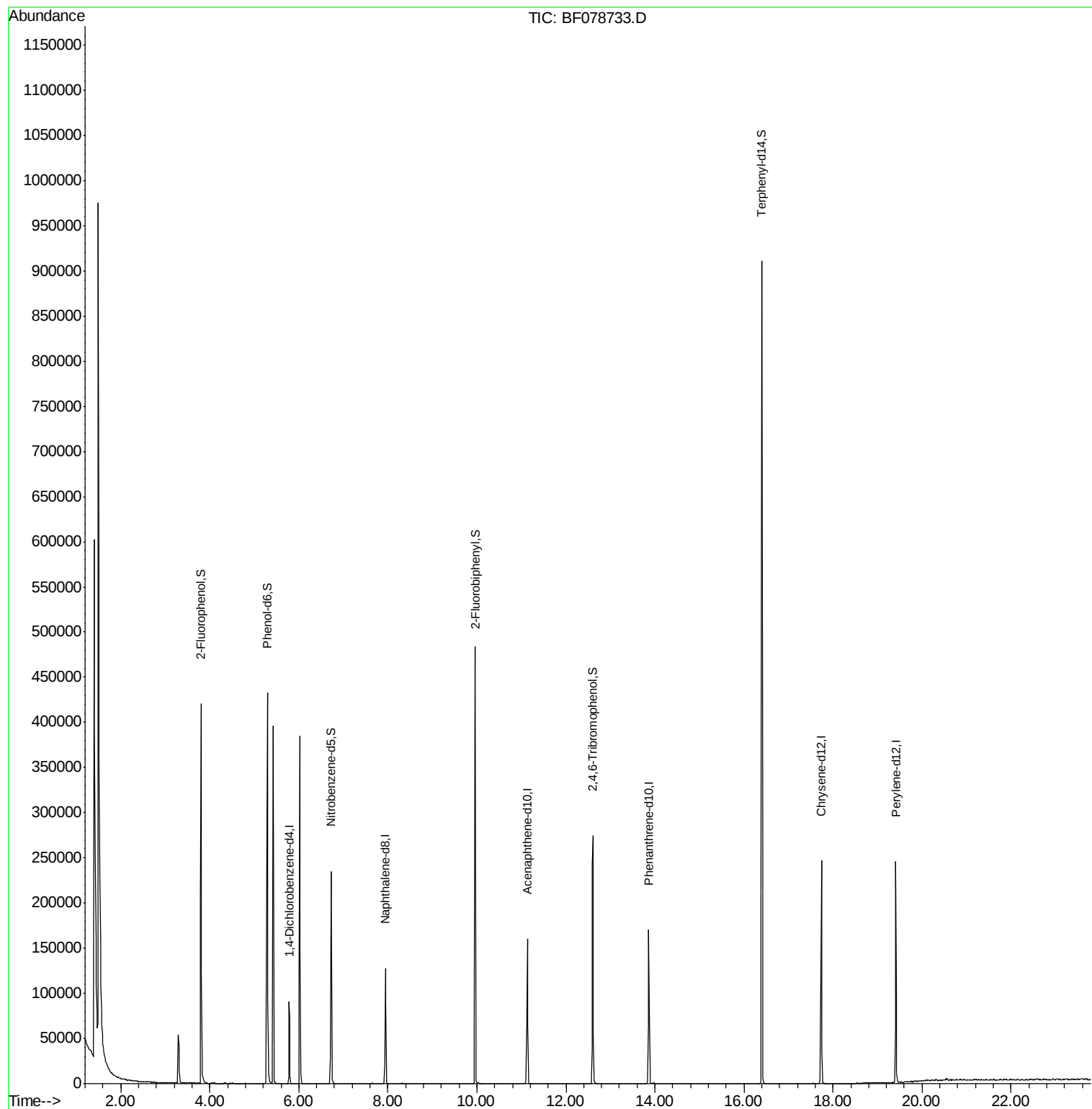
Target Compounds Qvalue

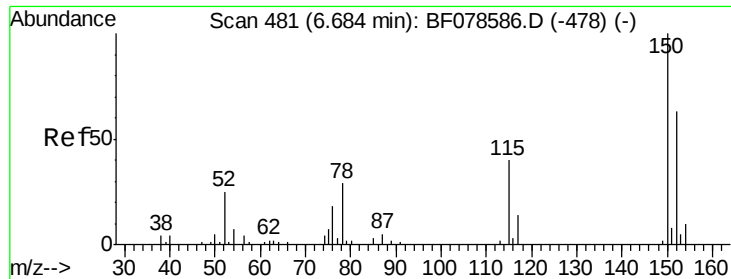
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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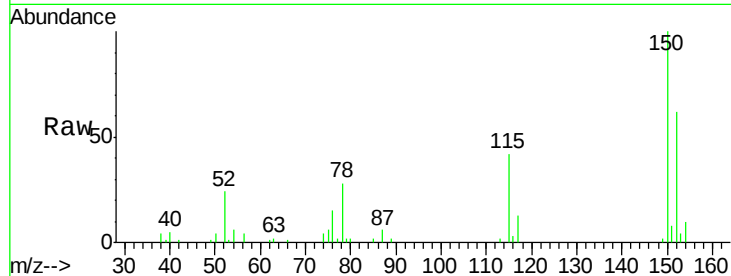


#1

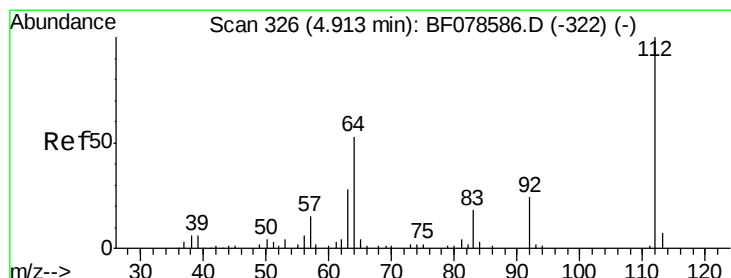
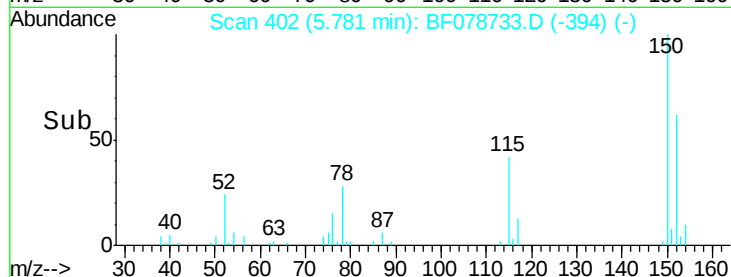
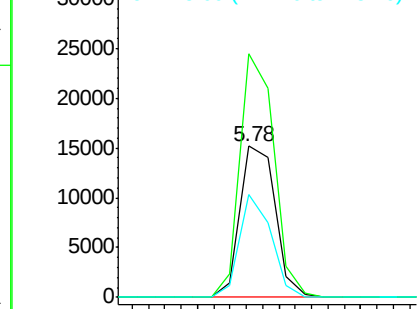
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.78 min Scan# 402
Delta R.T. -0.01 min
Lab File: BF078733.D
Acq: 23 Apr 2015 00:12

Instrument :
BNA_F
ClientSampleId :
PB82927BL

Tot Ion:152 Resp: 22691
Ion Ratio Lower Upper
152 100
150 160.8 125.9 188.9
115 68.2 52.7 79.1



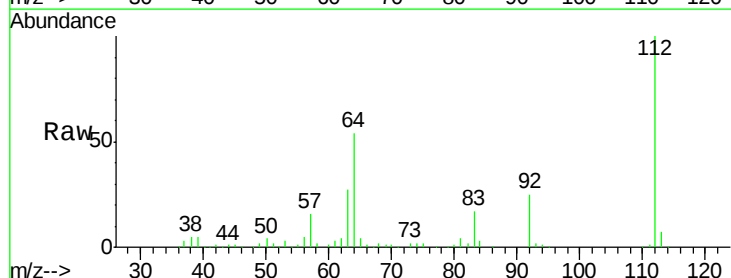
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



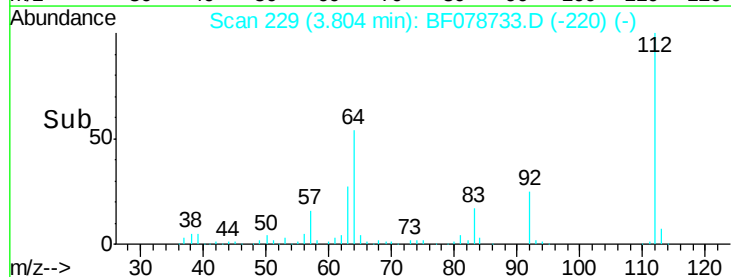
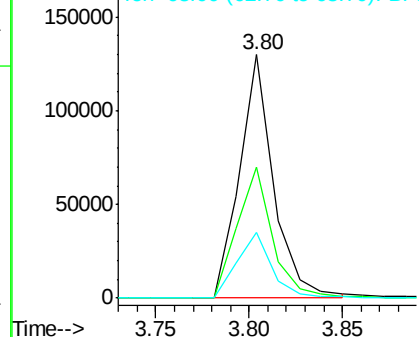
#5

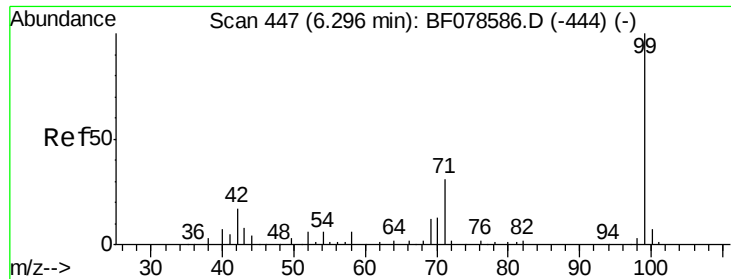
2-Fluorophenol
Concen: 119.86 ng
RT: 3.80 min Scan# 229
Delta R.T. -0.00 min
Lab File: BF078733.D
Acq: 23 Apr 2015 00:12

Tgt Ion:112 Resp: 164955
Ion Ratio Lower Upper
112 100
64 53.7 39.9 59.9
63 27.1 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: 121.64 ng

RT: 5.29 min Scan# 359

Delta R.T. -0.00 min

Lab File: BF078733.D

Acq: 23 Apr 2015 00:12

Instrument :

BNA_F

ClientSampleId :

PB82927BL

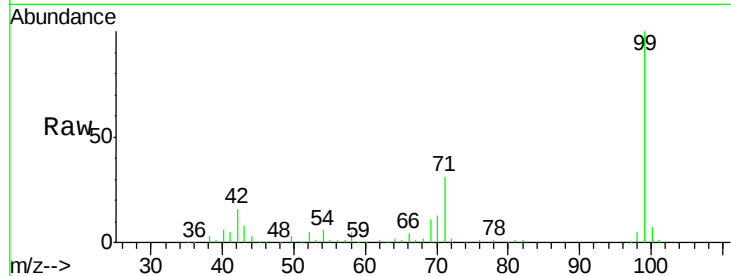
Tot Ion: 99 Resp: 209791

Ion Ratio Lower Upper

99 100

42 15.8 14.8 22.2

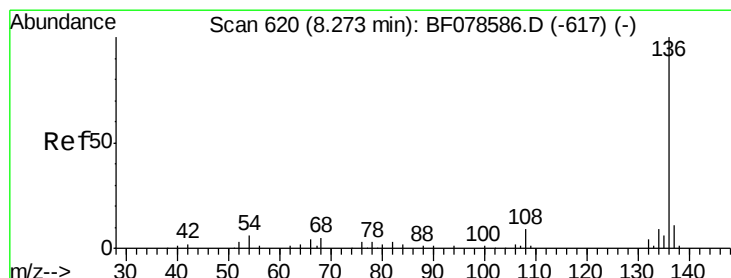
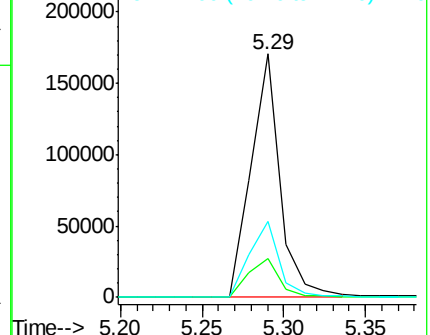
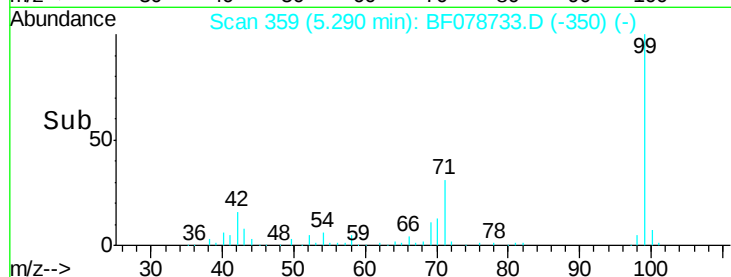
71 31.1 26.6 39.8



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: 7.94 min Scan# 591

Delta R.T. -0.01 min

Lab File: BF078733.D

Acq: 23 Apr 2015 00:12

Tgt Ion: 136 Resp: 90456

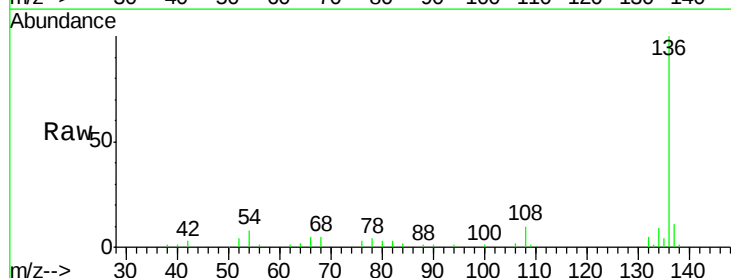
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 8.0 7.0 10.6

68 5.5 5.4 8.2

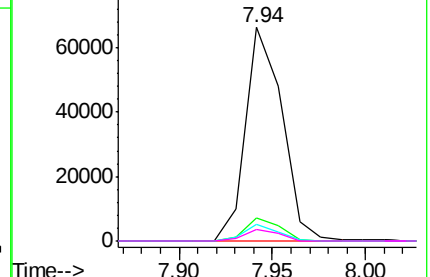
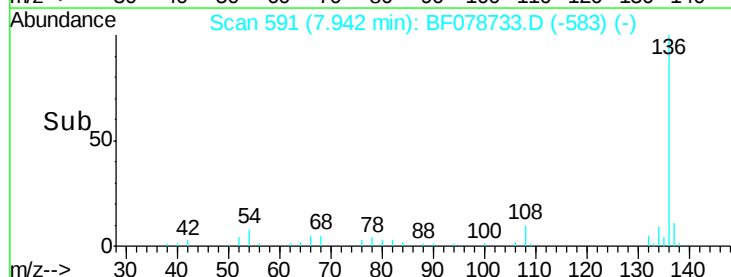


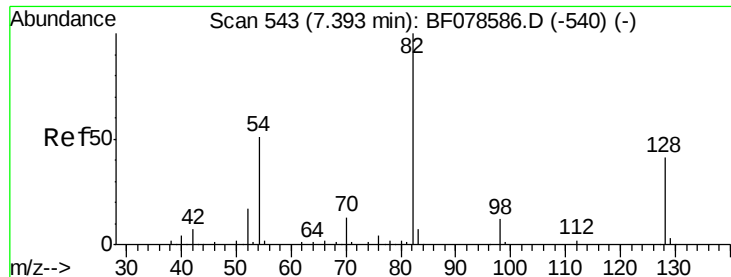
Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.61 ng

RT: 6.72 min Scan# 484

Delta R.T. -0.01 min

Lab File: BF078733.D

Acq: 23 Apr 2015 00:12

Instrument :

BNA_F

ClientSampled :

PB82927BL

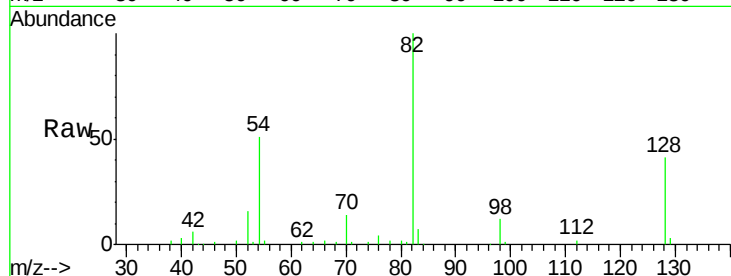
Tot Ion: 82 Resp: 120300

Ion Ratio Lower Upper

82 100

128 41.0 31.8 47.8

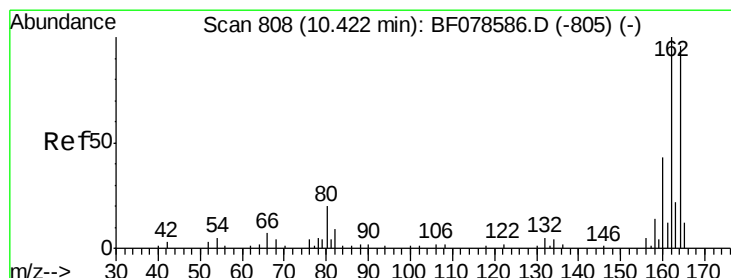
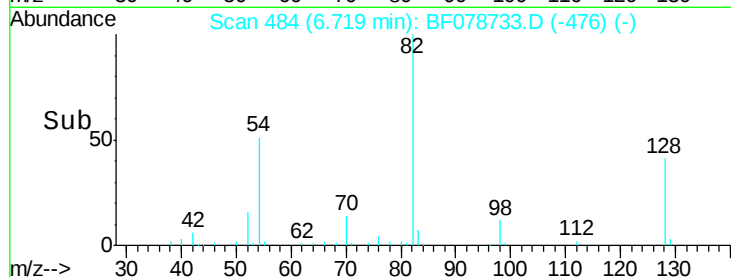
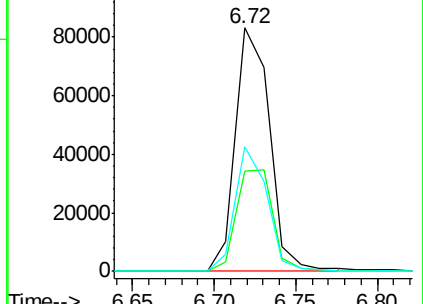
54 51.2 41.5 62.3



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: BF078733.D

Acq: 23 Apr 2015 00:12

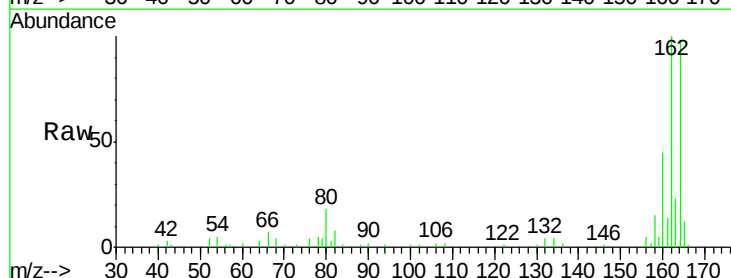
Tgt Ion: 164 Resp: 46990

Ion Ratio Lower Upper

164 100

162 101.9 82.2 123.2

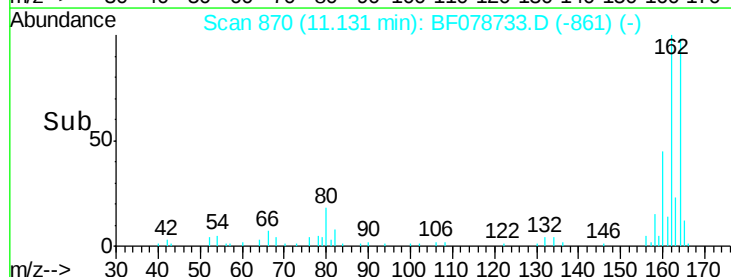
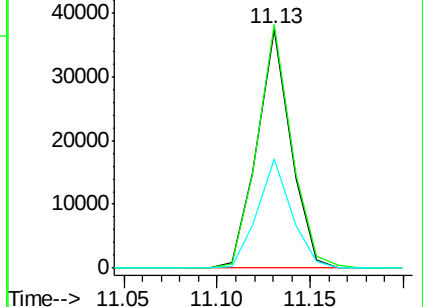
160 45.9 34.7 52.1

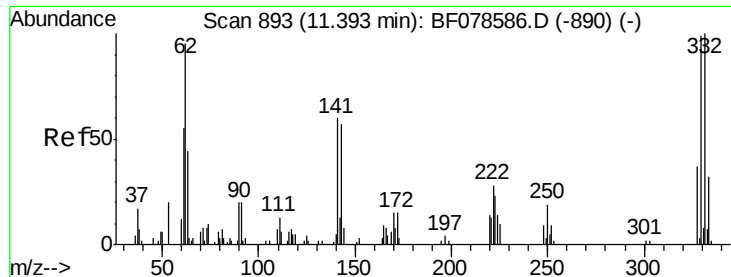


Abundance Ion 164.00 (163.70 to 164.70): BF078586.D (-805) (-)

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

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

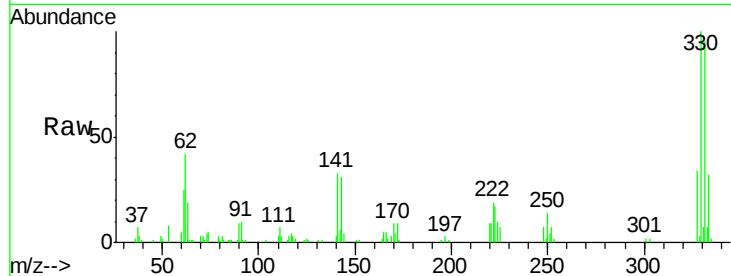




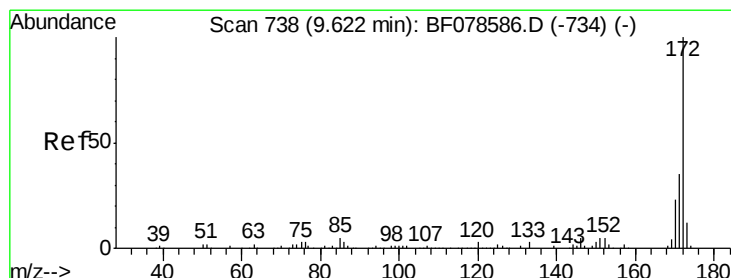
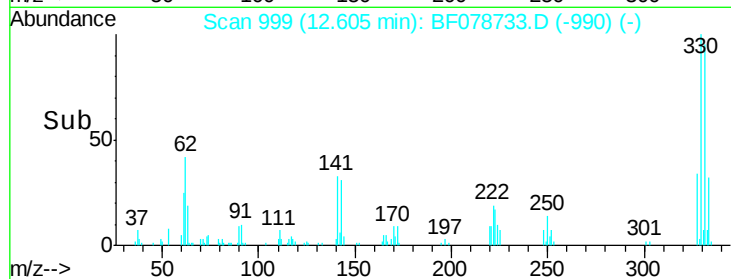
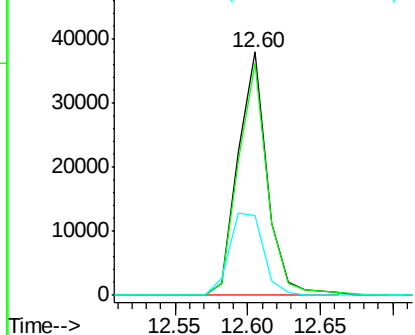
#41
 2,4,6-Tribromophenol
 Concen: 136.55 ng
 RT: 12.60 min Scan# 999
 Delta R.T. -0.00 min
 Lab File: BF078733.D
 Acq: 23 Apr 2015 00:12

Instrument :
 BNA_F
 ClientSampleID :
 PB82927BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.6	117.8
141	39.6	31.2	46.8

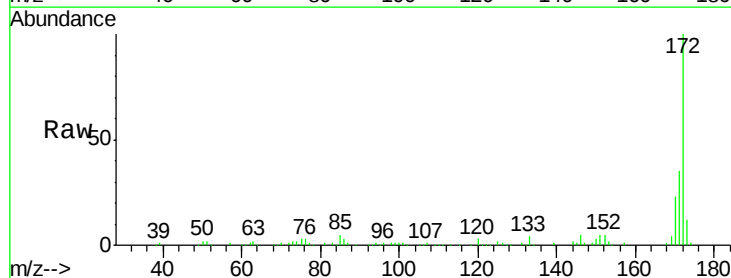


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

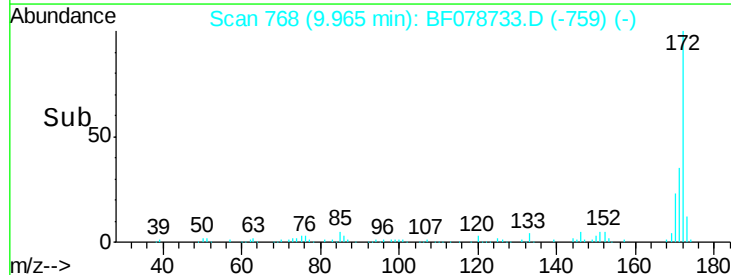
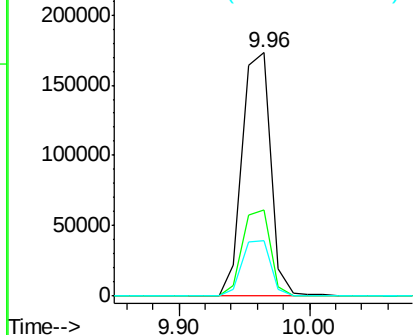


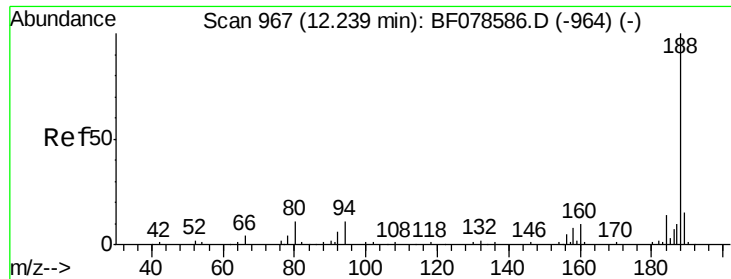
#44
 2-Fluorobiphenyl
 Concen: 79.96 ng
 RT: 9.96 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: BF078733.D
 Acq: 23 Apr 2015 00:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	42.8
170	23.0	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

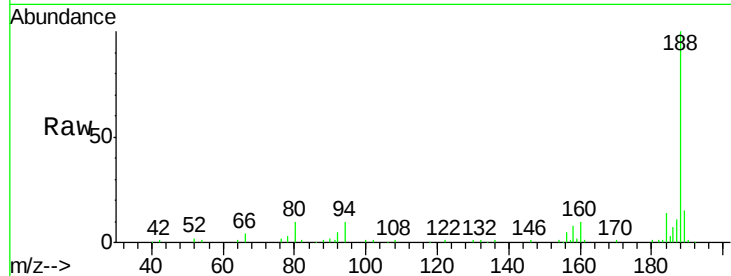




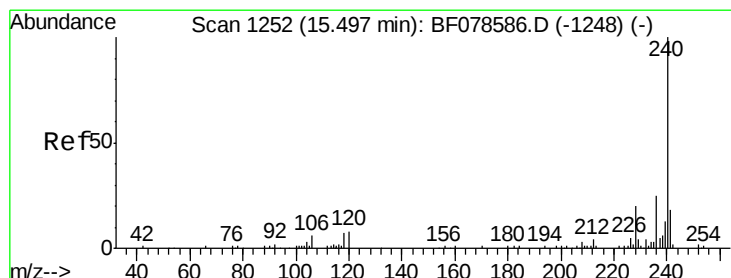
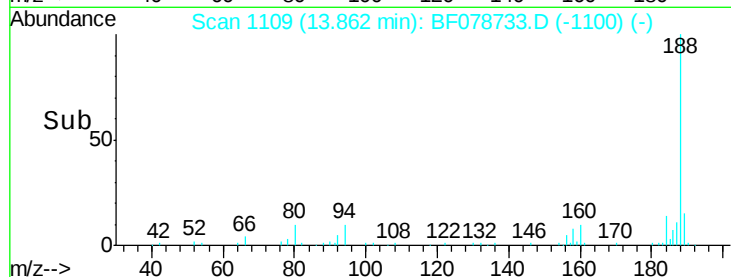
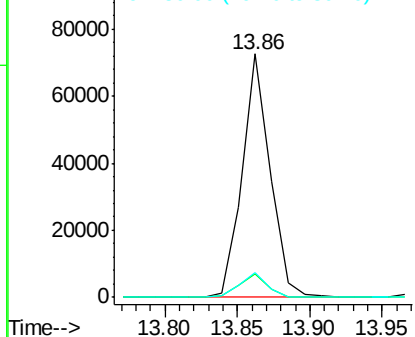
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 13.86 min Scan# 1109
 Delta R.T. -0.00 min
 Lab File: BF078733.D
 Acq: 23 Apr 2015 00:12

Instrument :
 BNA_F
 ClientSampleId :
 PB82927BL

Tot Ion:188 Resp: 96599
 Ion Ratio Lower Upper
 188 100
 94 9.6 9.0 13.4
 80 10.3 9.5 14.3

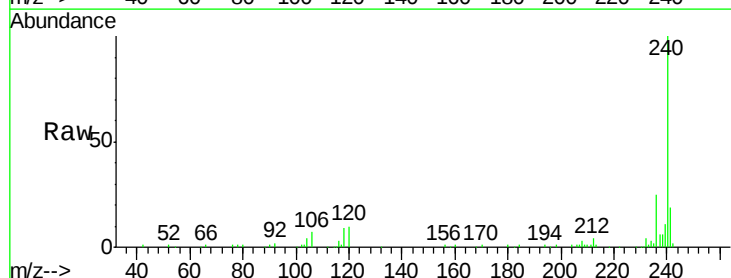


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

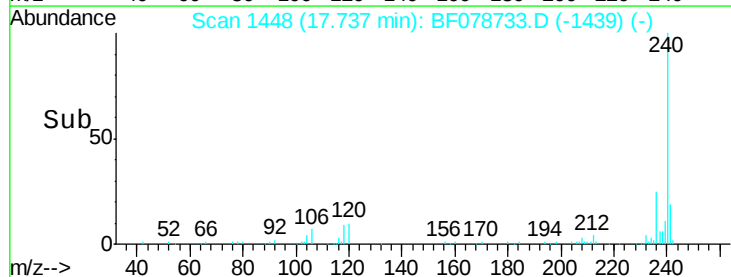
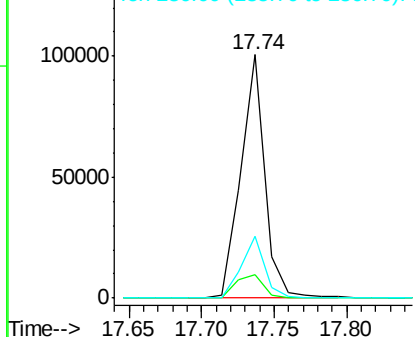


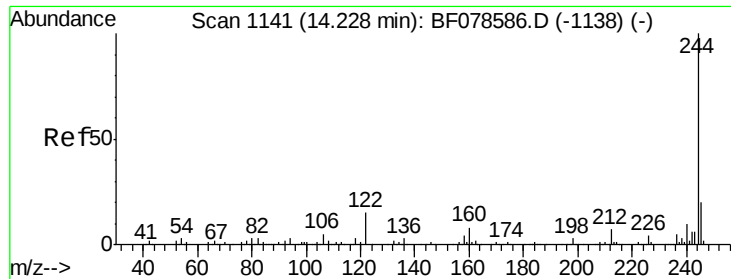
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 17.74 min Scan# 1448
 Delta R.T. -0.00 min
 Lab File: BF078733.D
 Acq: 23 Apr 2015 00:12

Tgt Ion:240 Resp: 114805
 Ion Ratio Lower Upper
 240 100
 120 9.9 7.1 10.7
 236 25.2 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

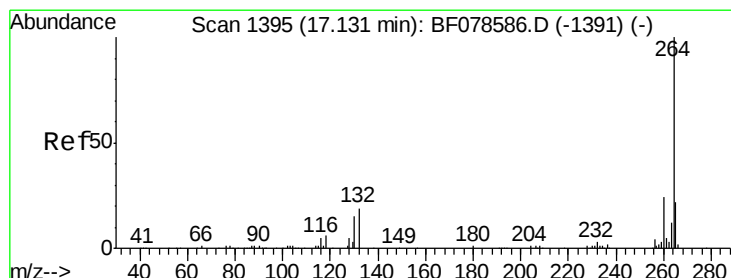
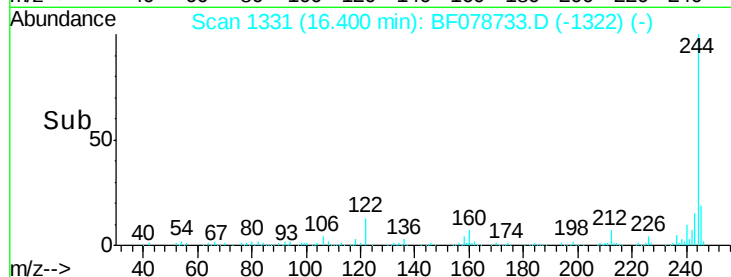
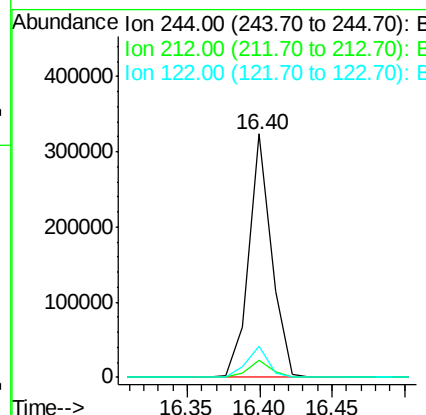
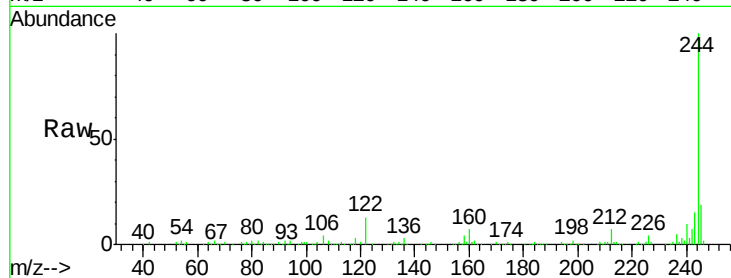




#78
 Terphenyl-d14
 Concen: 69.15 ng
 RT: 16.40 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF078733.D
 Acq: 23 Apr 2015 00:12

Instrument :
 BNA_F
 ClientSampleId :
 PB82927BL

Tot Ion:244 Resp: 351323
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.0 7.4
 122 12.6 7.1 10.7#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.41 min Scan# 1594
 Delta R.T. -0.02 min
 Lab File: BF078733.D
 Acq: 23 Apr 2015 00:12

Tgt Ion:264 Resp: 113867
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 27.8
 265 21.3 17.0 25.6

