

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042215\
 Data File : BF078726.D
 Acq On : 22 Apr 2015 20:35
 Operator : TP/IZ
 Sample : PB82905BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82905BL

Quant Time: Apr 23 01:13:46 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	22500	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	94628	20.00	ng	-0.01
38) Acenaphthene-d10	11.13	164	47558	20.00	ng	0.00
63) Phenanthrene-d10	13.86	188	98003	20.00	ng	0.00
75) Chrysene-d12	17.74	240	114129	20.00	ng	0.00
86) Perylene-d12	19.43	264	112730	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.80	112	169540	124.24	ng	0.00
7) Phenol-d6	5.29	99	213247	124.69	ng	0.00
23) Nitrobenzene-d5	6.72	82	122631	78.55	ng	-0.01
41) 2,4,6-Tribromophenol	12.61	330	56264	142.65	ng	0.00
44) 2-Fluorobiphenyl	9.96	172	270632	81.34	ng	0.00
78) Terphenyl-d14	16.40	244	359057	71.09	ng	0.00

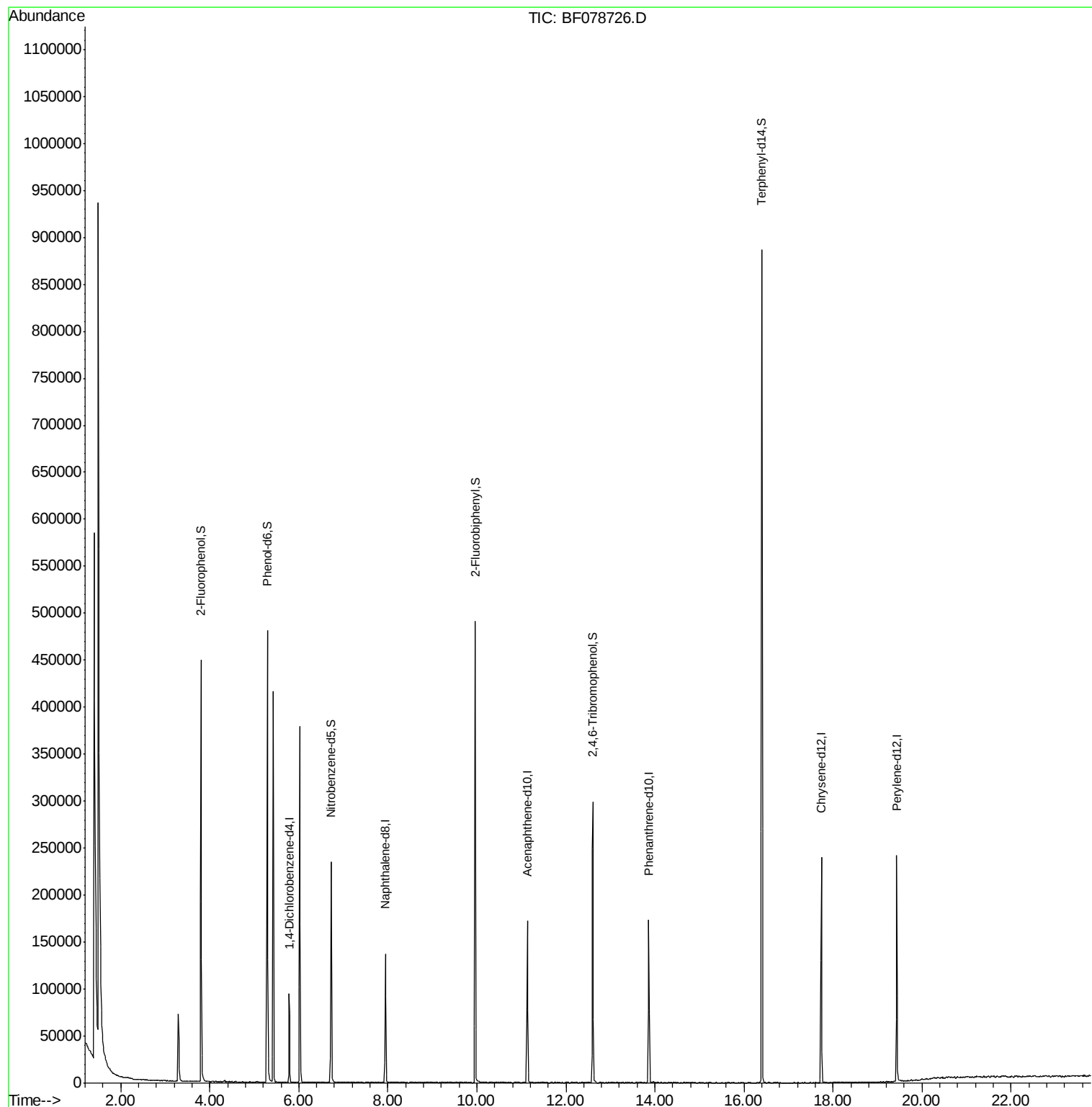
Target Compounds	Qvalue
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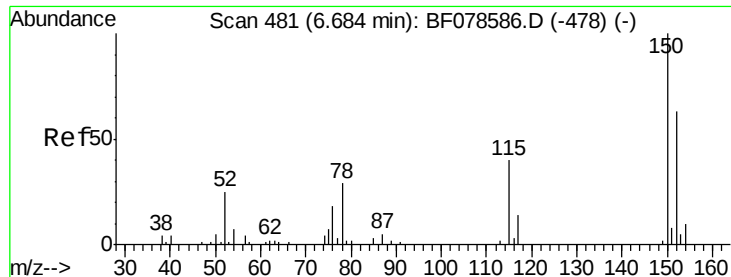
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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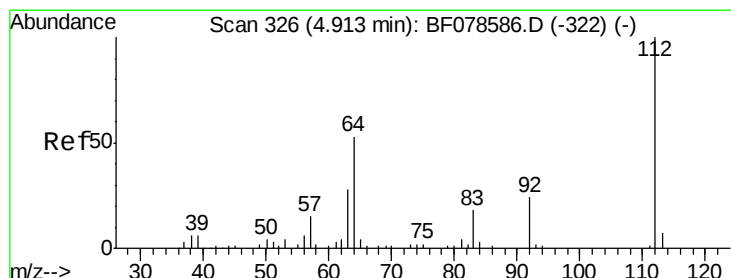
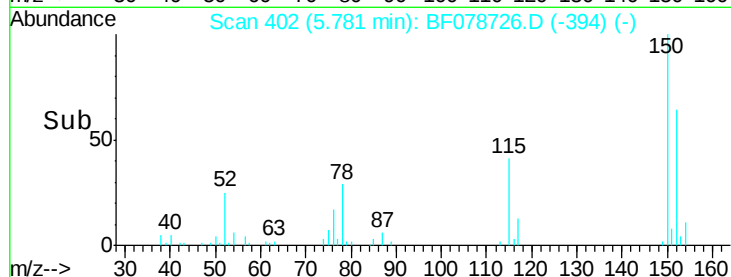
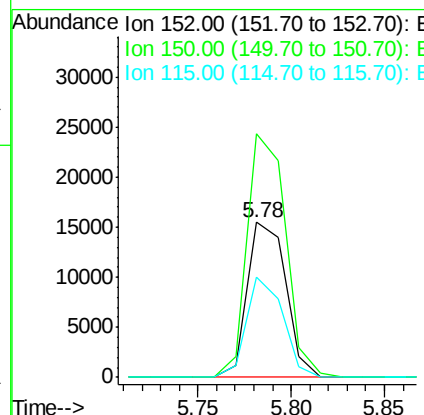
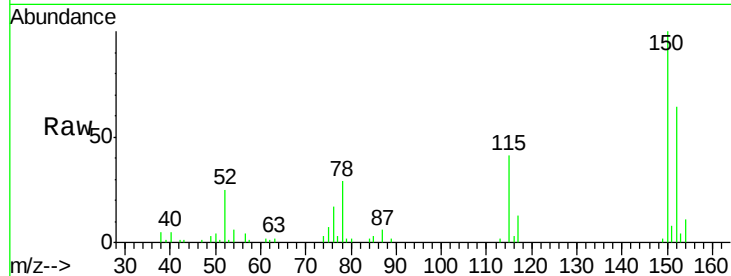




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.78 min Scan# 402
 Delta R.T. -0.01 min
 Lab File: BF078726.D
 Acq: 22 Apr 2015 20:35

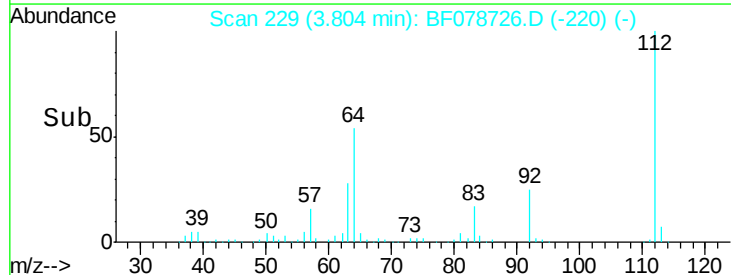
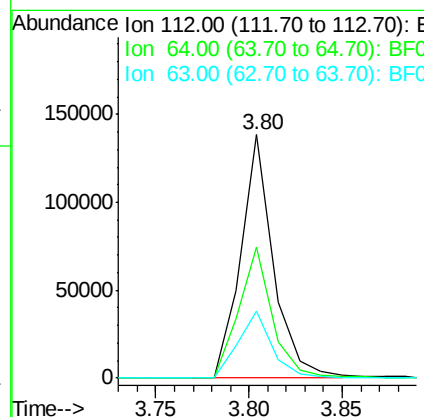
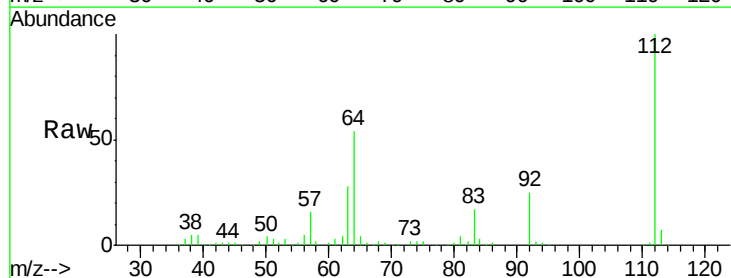
Instrument :
 BNA_F
 ClientSampleId :
 PB82905BL

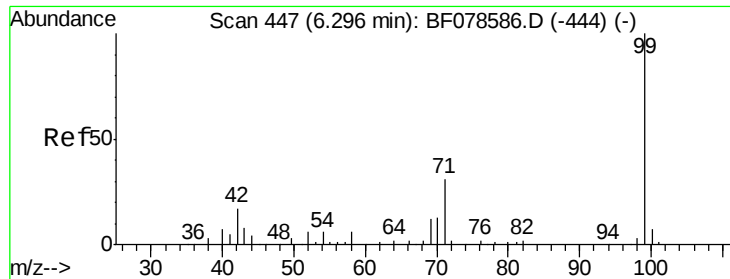
Tgt Ion:152 Resp: 22500
 Ion Ratio Lower Upper
 152 100
 150 156.9 125.9 188.9
 115 64.7 52.7 79.1



#5
 2-Fluorophenol
 Concen: 124.24 ng
 RT: 3.80 min Scan# 229
 Delta R.T. -0.00 min
 Lab File: BF078726.D
 Acq: 22 Apr 2015 20:35

Tgt Ion:112 Resp: 169540
 Ion Ratio Lower Upper
 112 100
 64 53.7 39.9 59.9
 63 27.7 20.2 30.4





#7

Phenol-d6

Concen: 124.69 ng

RT: 5.29 min Scan# 359

Delta R.T. -0.00 min

Lab File: BF078726.D

Acq: 22 Apr 2015 20:35

Instrument :

BNA_F

ClientSampleId :

PB82905BL

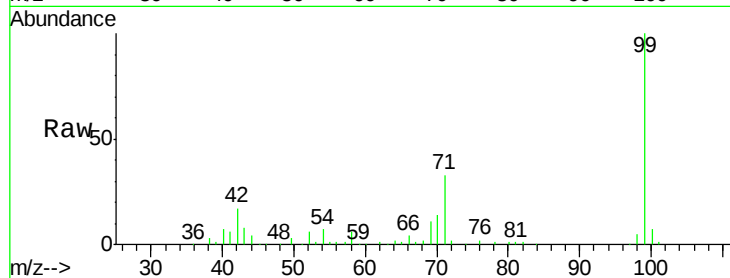
Tgt Ion: 99 Resp: 213247

Ion Ratio Lower Upper

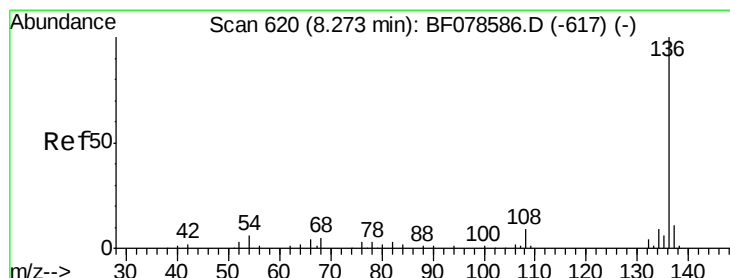
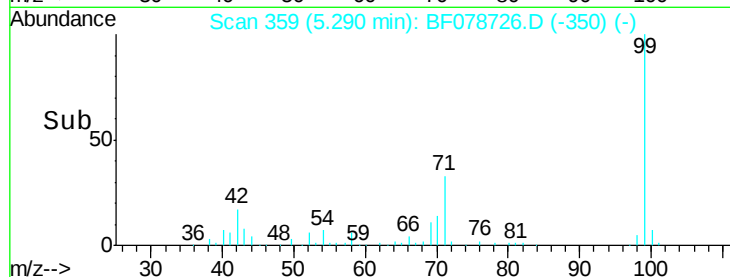
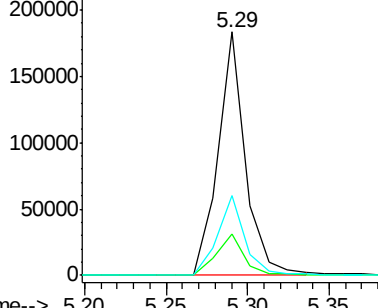
99 100

42 16.9 14.8 22.2

71 32.7 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: BF078726.D

Acq: 22 Apr 2015 20:35

Tgt Ion: 136 Resp: 94628

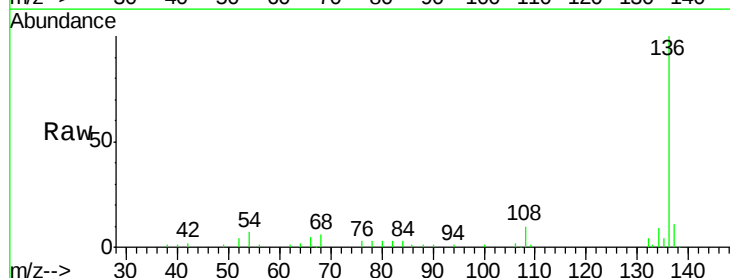
Ion Ratio Lower Upper

136 100

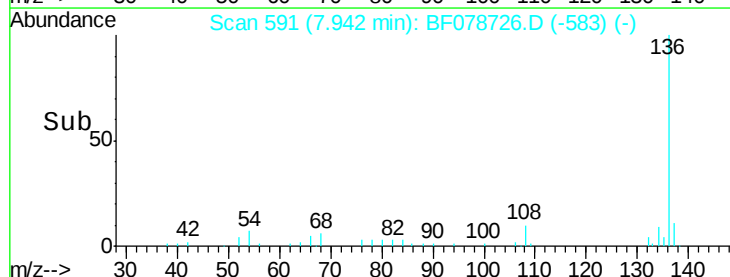
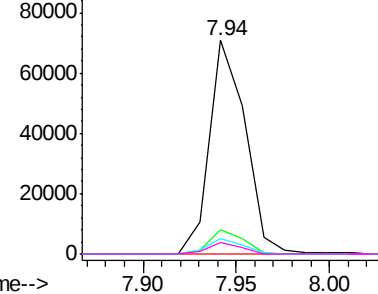
137 11.2 9.0 13.4

54 7.4 7.0 10.6

68 5.6 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

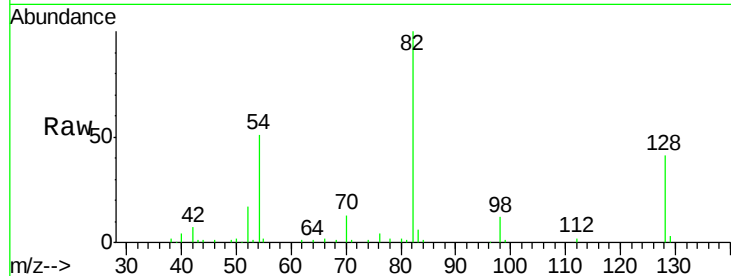




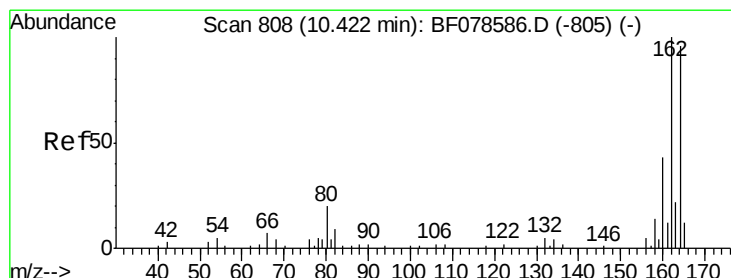
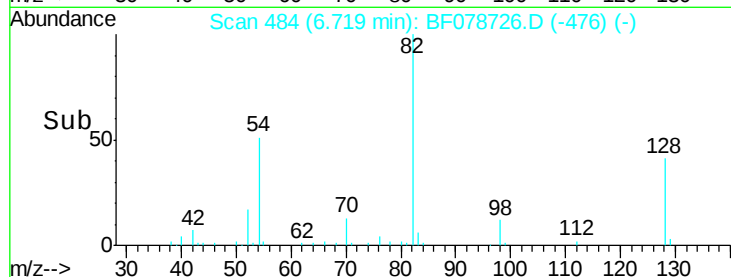
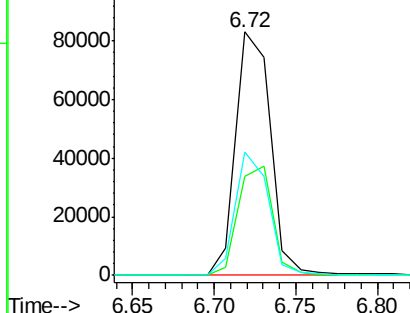
#23
Nitrobenzene-d5
Concen: 78.55 ng
RT: 6.72 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF078726.D
Acq: 22 Apr 2015 20:35

Instrument :
BNA_F
ClientSampled :
PB82905BL

Tgt Ion: 82 Resp: 122631
Ion Ratio Lower Upper
82 100
128 40.8 31.8 47.8
54 50.8 41.5 62.3

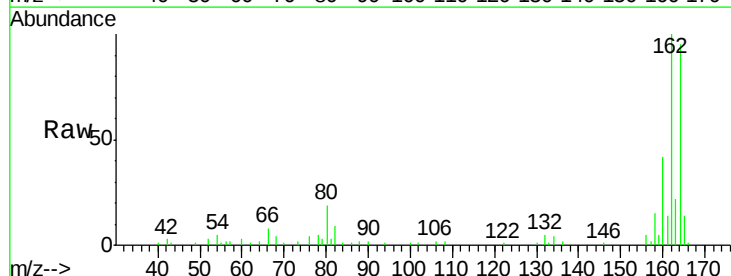


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

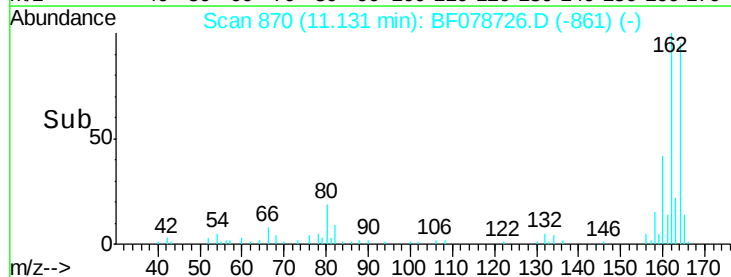
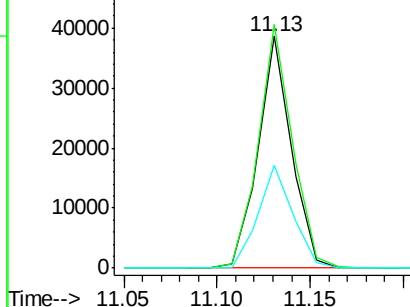


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF078726.D
Acq: 22 Apr 2015 20:35

Tgt Ion: 164 Resp: 47558
Ion Ratio Lower Upper
164 100
162 104.9 82.2 123.2
160 44.5 34.7 52.1



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

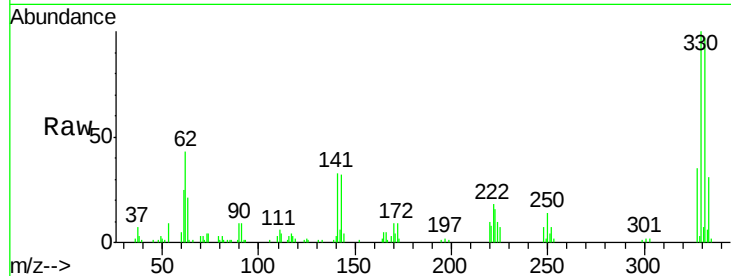




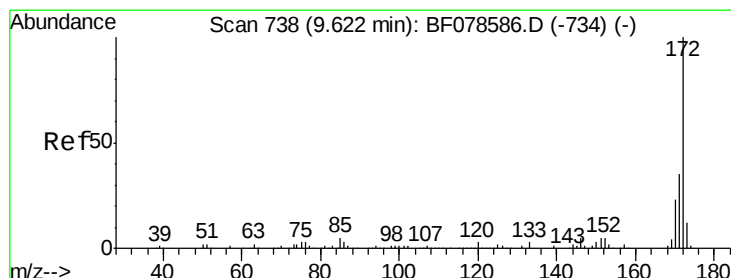
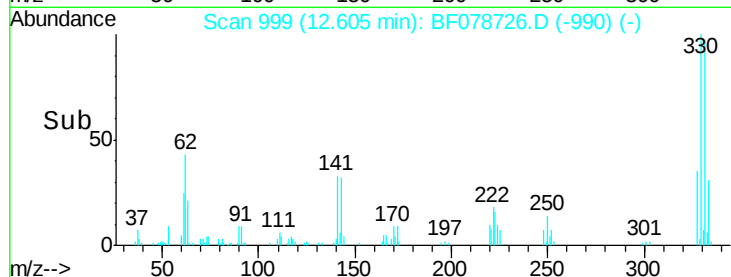
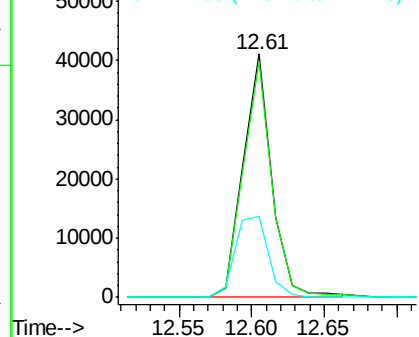
#41
 2,4,6-Tribromophenol
 Concen: 142.65 ng
 RT: 12.61 min Scan# 999
 Delta R.T. -0.00 min
 Lab File: BF078726.D
 Acq: 22 Apr 2015 20:35

Instrument :
 BNA_F
 ClientSampled :
 PB82905BL

Tgt Ion:330 Resp: 56264
 Ion Ratio Lower Upper
 330 100
 332 97.2 78.6 117.8
 141 38.8 31.2 46.8

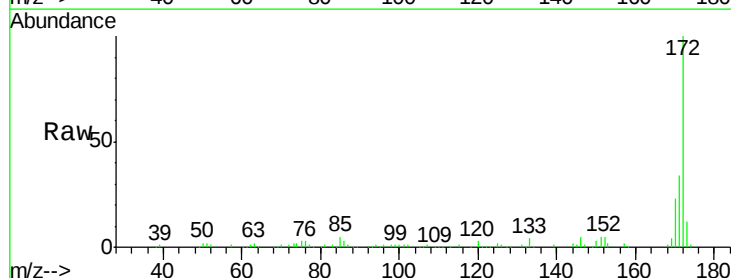


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

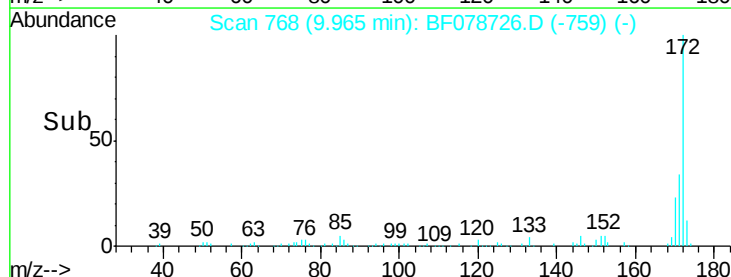
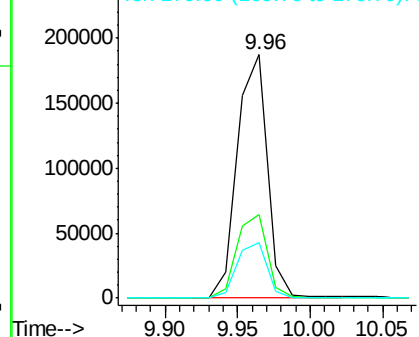


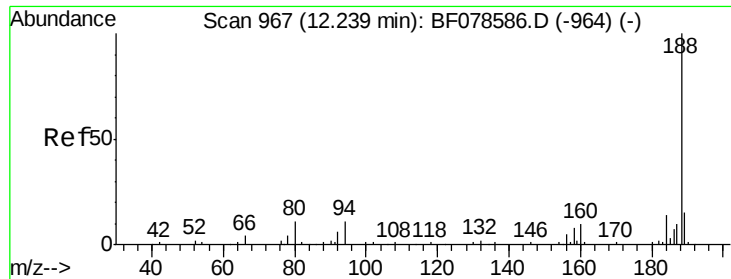
#44
 2-Fluorobiphenyl
 Concen: 81.34 ng
 RT: 9.96 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: BF078726.D
 Acq: 22 Apr 2015 20:35

Tgt Ion:172 Resp: 270632
 Ion Ratio Lower Upper
 172 100
 171 34.1 28.6 42.8
 170 22.7 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

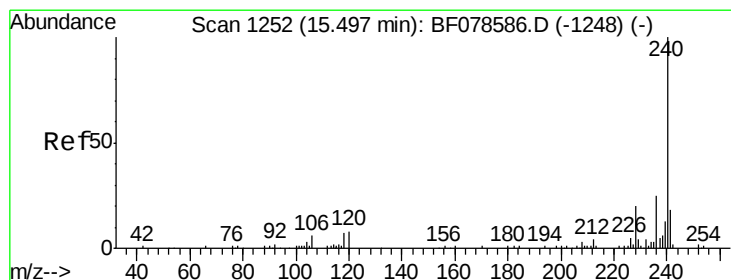
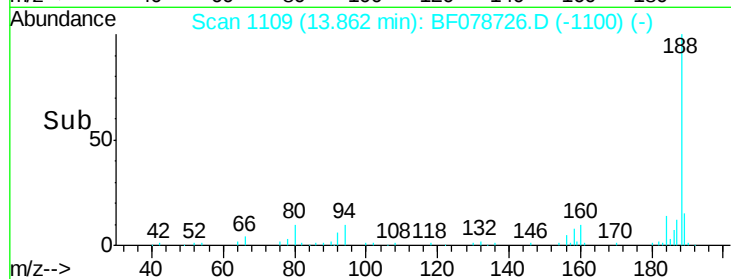
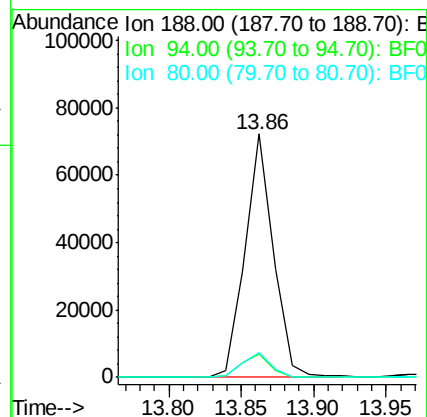
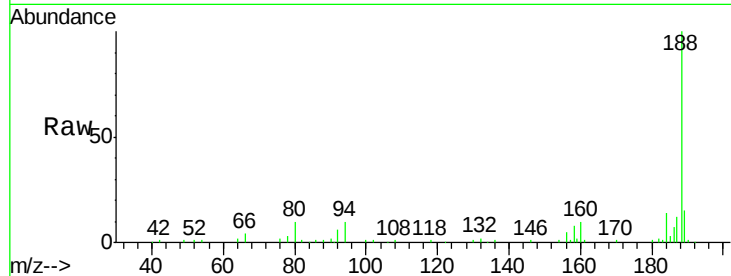




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.86 min Scan# 1109
Delta R.T. -0.00 min
Lab File: BF078726.D
Acq: 22 Apr 2015 20:35

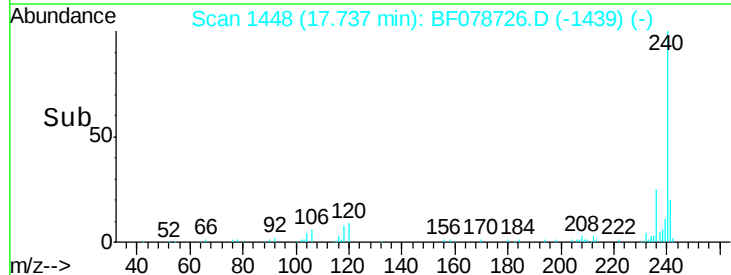
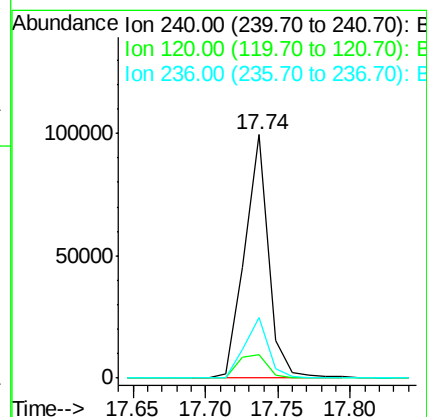
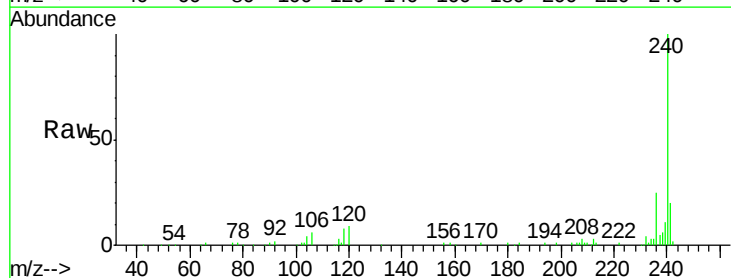
Instrument :
BNA_F
ClientSampleId :
PB82905BL

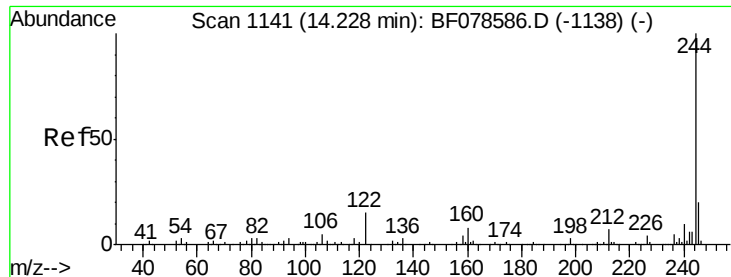
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	9.0	13.4
80	10.2	9.5	14.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.74 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BF078726.D
Acq: 22 Apr 2015 20:35

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.5	7.1	10.7
236	25.1	21.4	32.2





#78

Terphenyl-d14

Concen: 71.09 ng

RT: 16.40 min Scan# 1331

Delta R.T. -0.00 min

Lab File: BF078726.D

Acq: 22 Apr 2015 20:35

Instrument :

BNA_F

ClientSampleId :

PB82905BL

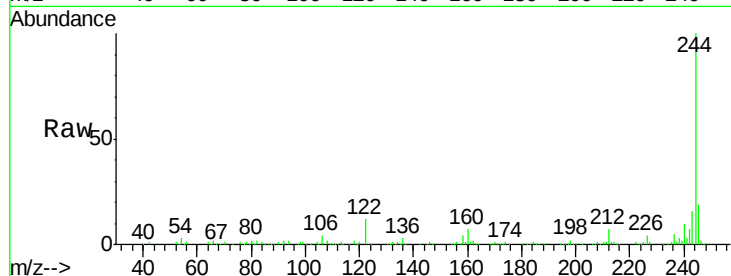
Tgt Ion:244 Resp: 359057

Ion Ratio Lower Upper

244 100

212 6.6 5.0 7.4

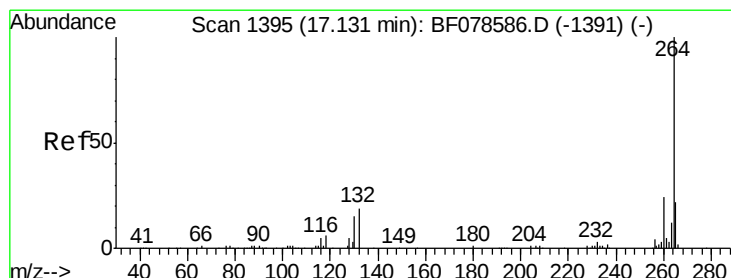
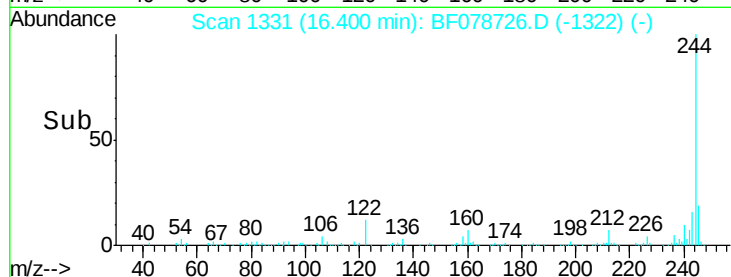
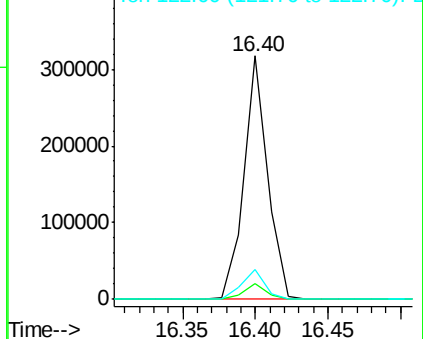
122 12.3 7.1 10.7#



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: 19.43 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BF078726.D

Acq: 22 Apr 2015 20:35

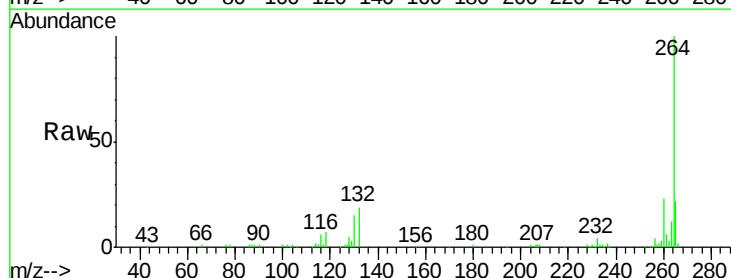
Tgt Ion:264 Resp: 112730

Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 21.5 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

