

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042215\
 Data File : BF078728.D
 Acq On : 22 Apr 2015 21:37
 Operator : TP/IZ
 Sample : PB82885BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82885BL

Quant Time: Apr 23 01:14:37 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	5.79	152	25520	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	103635	20.00	ng	-0.01
38) Acenaphthene-d10	11.13	164	51442	20.00	ng	0.00
63) Phenanthrene-d10	13.86	188	106350	20.00	ng	0.00
75) Chrysene-d12	17.74	240	120977	20.00	ng	0.00
86) Perylene-d12	19.43	264	116014	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.80	112	200754	129.70	ng	0.00
7) Phenol-d6	5.29	99	250168	128.97	ng	0.00
23) Nitrobenzene-d5	6.73	82	148319	86.75	ng	0.00
41) 2,4,6-Tribromophenol	12.61	330	64268	150.64	ng	0.00
44) 2-Fluorobiphenyl	9.96	172	314229	87.31	ng	0.00
78) Terphenyl-d14	16.40	244	406238	75.88	ng	0.00

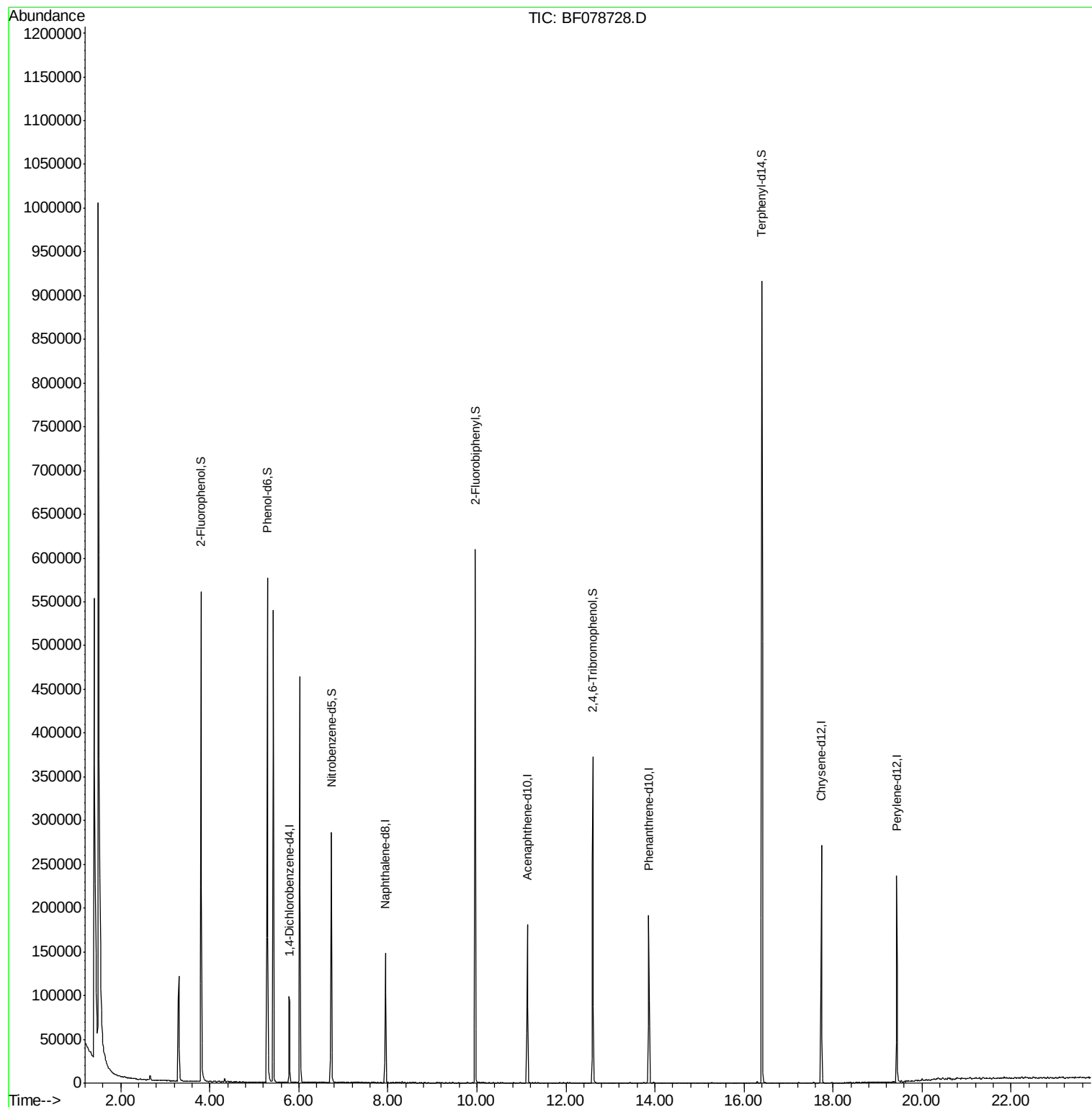
Target Compounds	Qvalue
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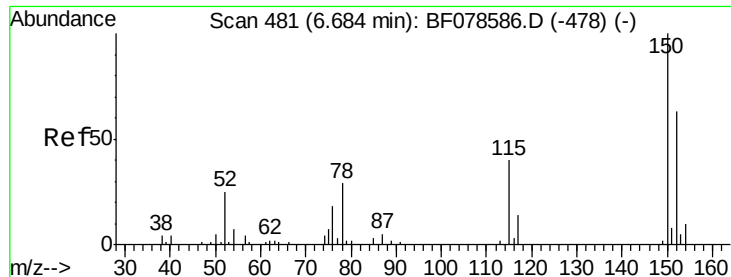
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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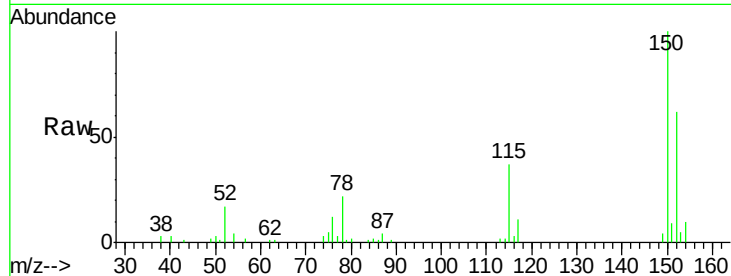




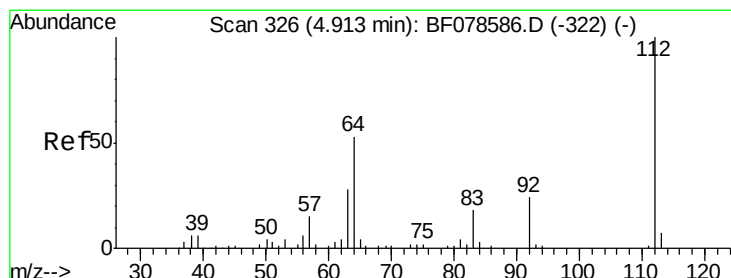
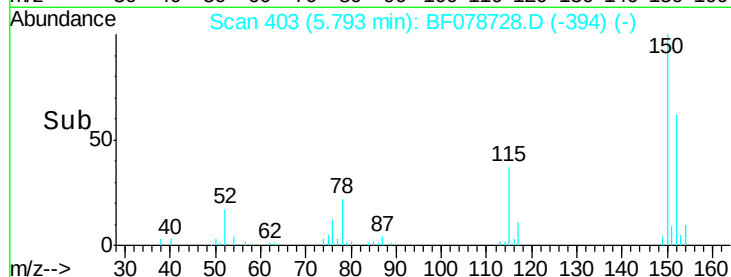
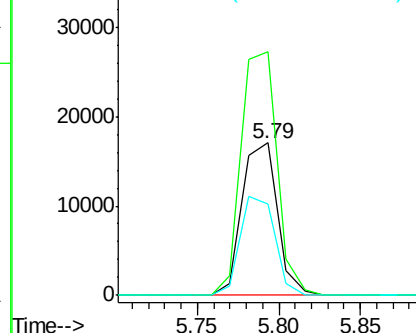
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.79 min Scan# 403
 Delta R.T. -0.00 min
 Lab File: BF078728.D
 Acq: 22 Apr 2015 21:37

Instrument :
 BNA_F
 ClientSampleId :
 PB82885BL

Tgt Ion:152 Resp: 25520
 Ion Ratio Lower Upper
 152 100
 150 160.0 125.9 188.9
 115 59.7 52.7 79.1

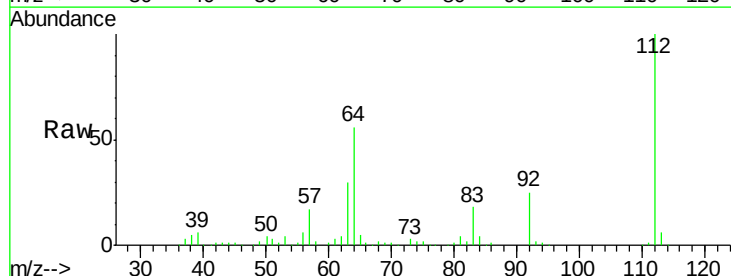


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

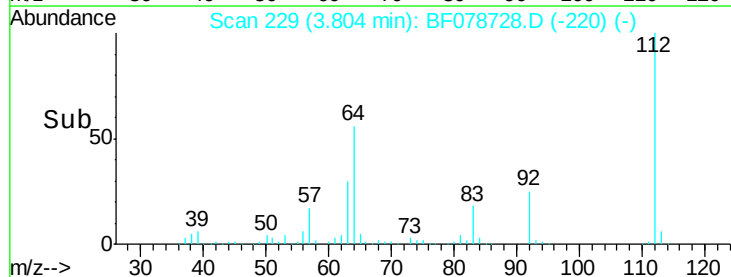
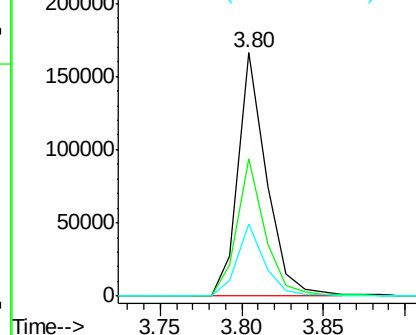


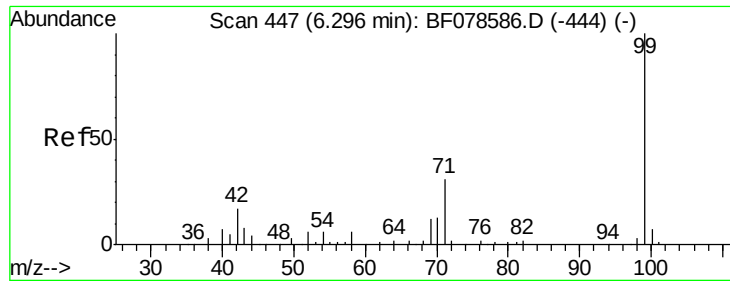
#5
 2-Fluorophenol
 Concen: 129.70 ng
 RT: 3.80 min Scan# 229
 Delta R.T. -0.00 min
 Lab File: BF078728.D
 Acq: 22 Apr 2015 21:37

Tgt Ion:112 Resp: 200754
 Ion Ratio Lower Upper
 112 100
 64 56.4 39.9 59.9
 63 29.6 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: 128.97 ng

RT: 5.29 min Scan# 359

Delta R.T. -0.00 min

Lab File: BF078728.D

Acq: 22 Apr 2015 21:37

Instrument :

BNA_F

ClientSampled :

PB82885BL

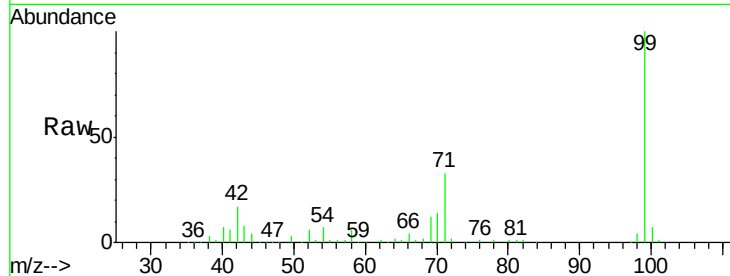
Tgt Ion: 99 Resp: 250168

Ion Ratio Lower Upper

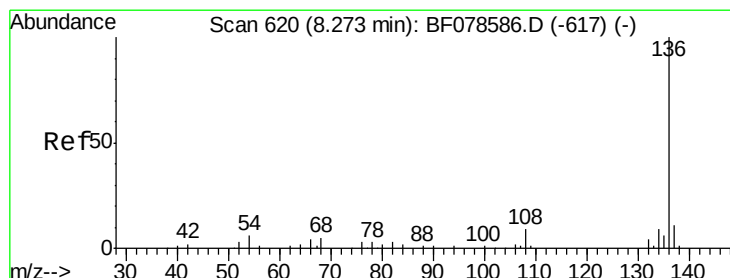
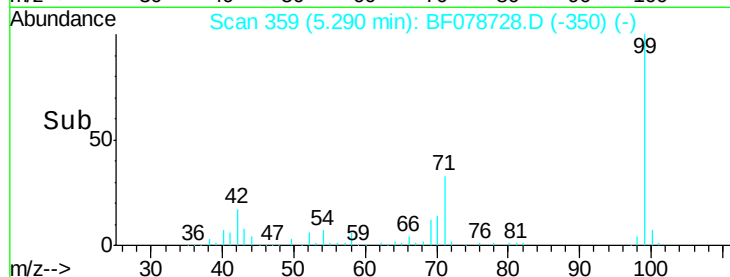
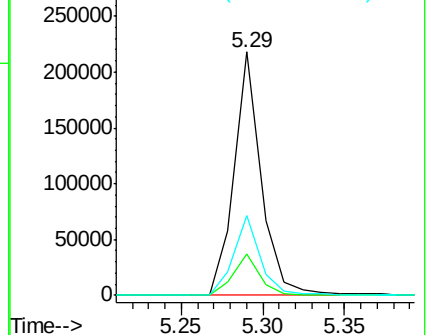
99 100

42 17.1 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: BF078728.D

Acq: 22 Apr 2015 21:37

Tgt Ion: 136 Resp: 103635

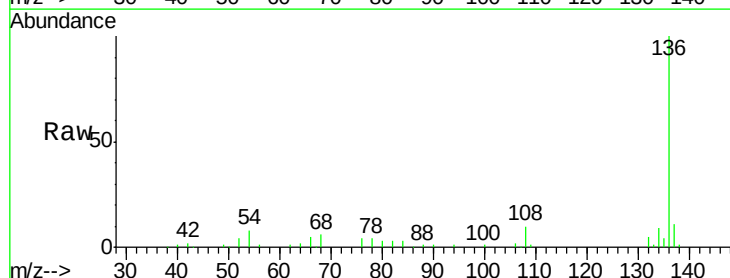
Ion Ratio Lower Upper

136 100

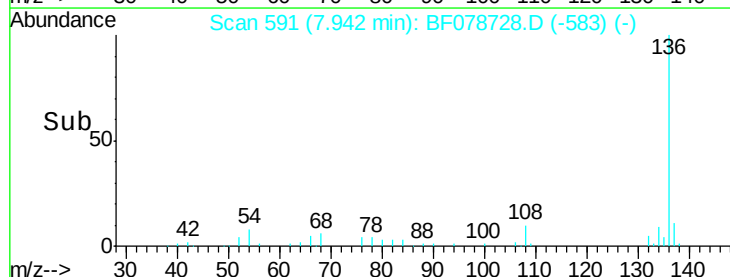
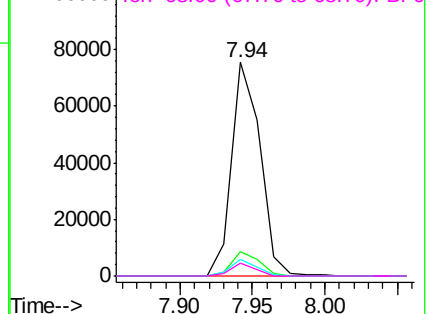
137 11.4 9.0 13.4

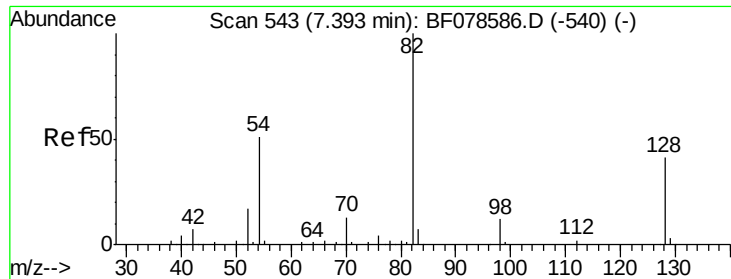
54 7.7 7.0 10.6

68 5.8 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: 86.75 ng

RT: 6.73 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF078728.D

Acq: 22 Apr 2015 21:37

Instrument :

BNA_F

ClientSampleId :

PB82885BL

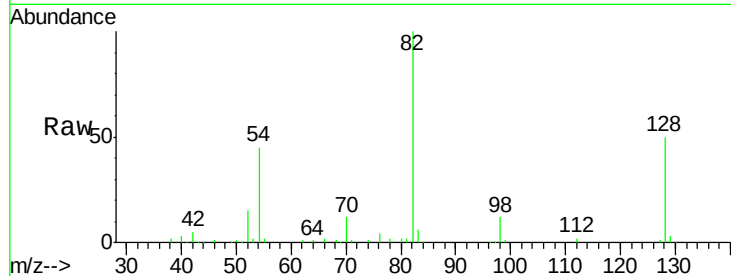
Tgt Ion: 82 Resp: 148319

Ion Ratio Lower Upper

82 100

128 49.9 31.8 47.8#

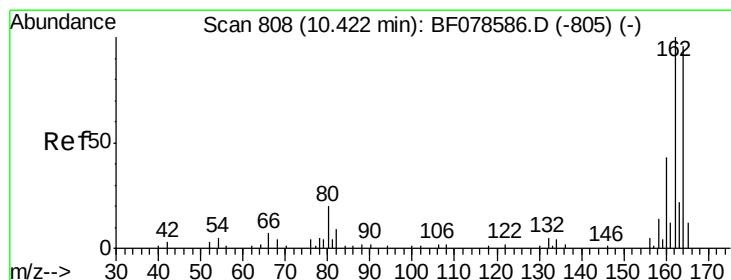
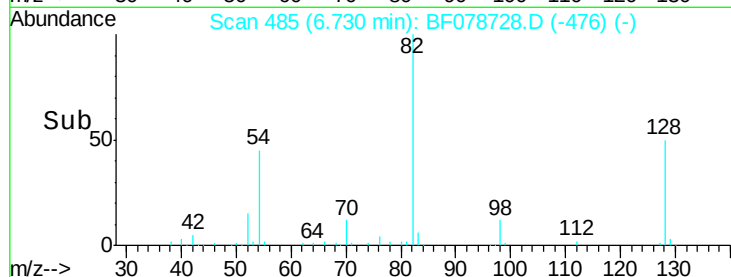
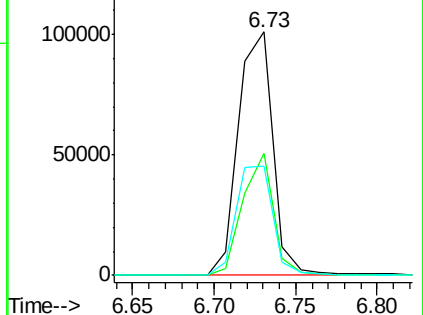
54 44.6 41.5 62.3



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: BF078728.D

Acq: 22 Apr 2015 21:37

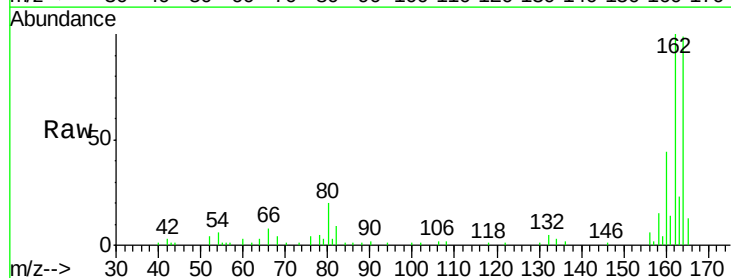
Tgt Ion: 164 Resp: 51442

Ion Ratio Lower Upper

164 100

162 100.9 82.2 123.2

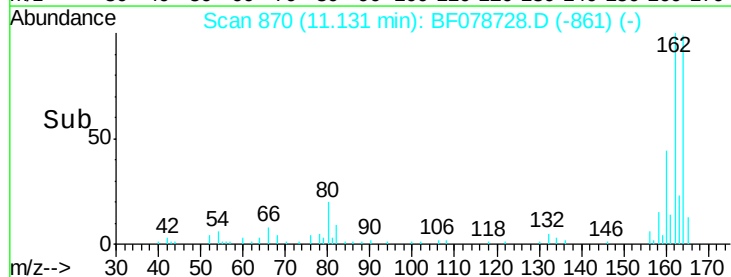
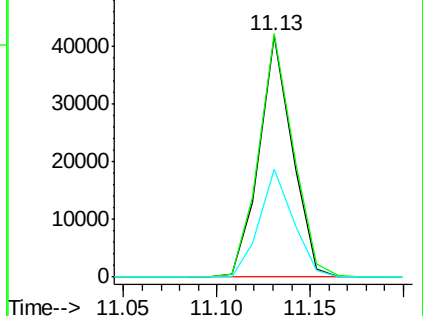
160 44.5 34.7 52.1

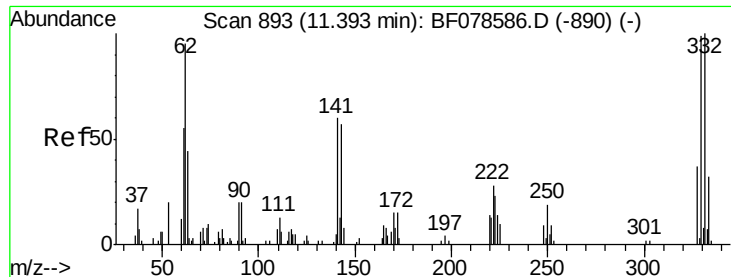


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

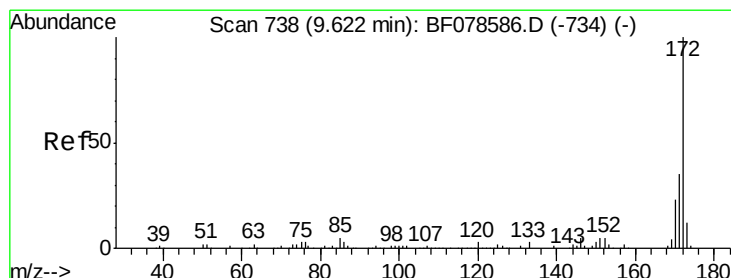
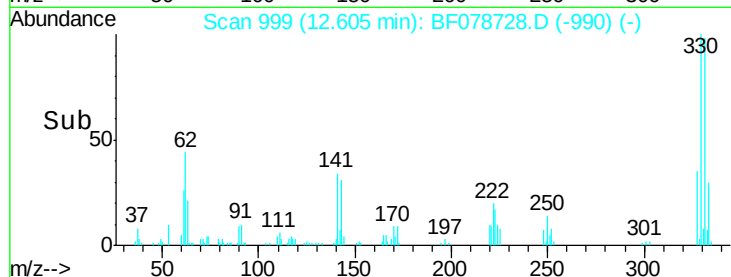
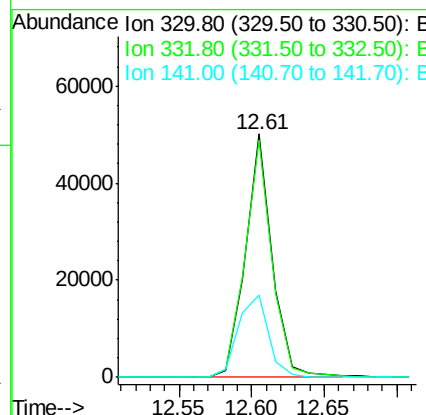
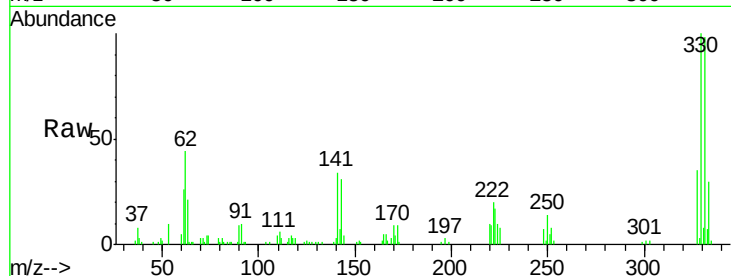




#41
 2,4,6-Tribromophenol
 Concen: 150.64 ng
 RT: 12.61 min Scan# 999
 Delta R.T. -0.00 min
 Lab File: BF078728.D
 Acq: 22 Apr 2015 21:37

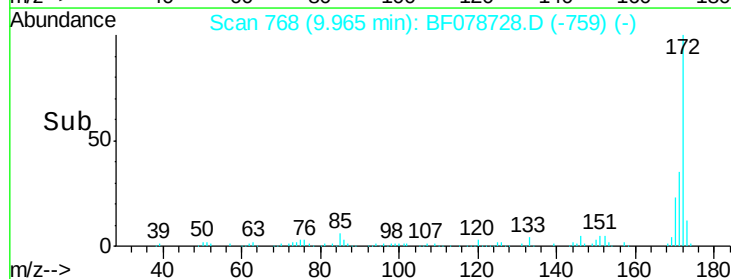
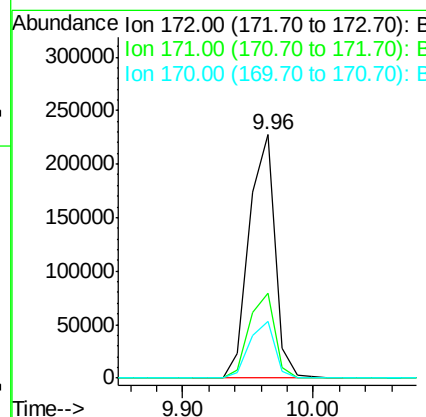
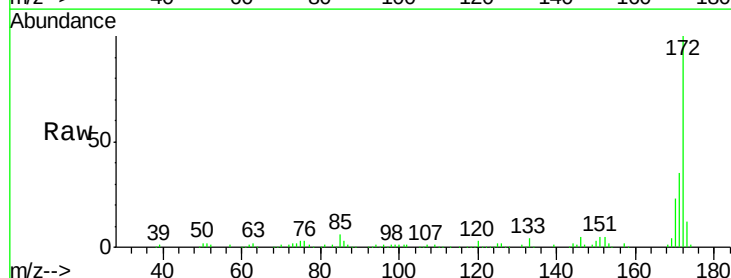
Instrument :
 BNA_F
 ClientSampleId :
 PB82885BL

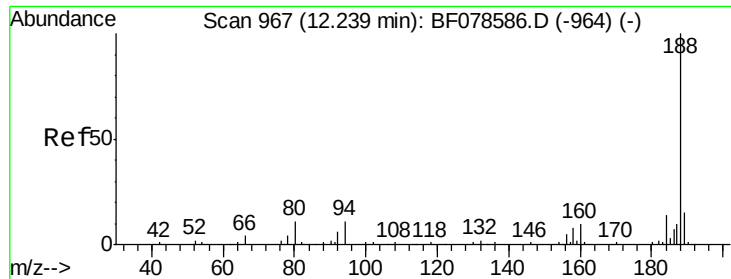
Tgt Ion:330 Resp: 64268
 Ion Ratio Lower Upper
 330 100
 332 98.6 78.6 117.8
 141 38.2 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 87.31 ng
 RT: 9.96 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: BF078728.D
 Acq: 22 Apr 2015 21:37

Tgt Ion:172 Resp: 314229
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.6 42.8
 170 23.4 18.5 27.7

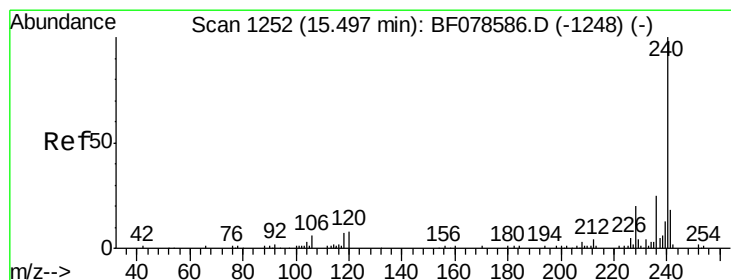
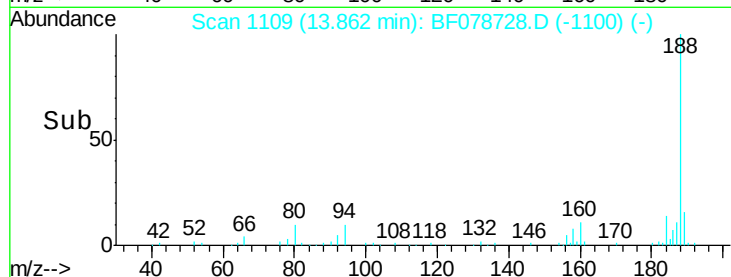
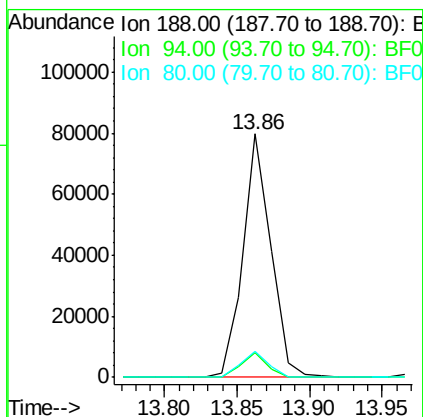
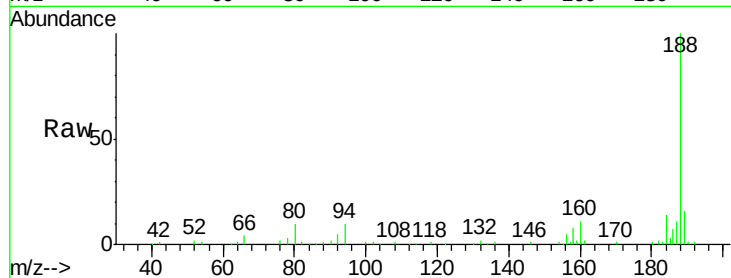




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.86 min Scan# 1109
Delta R.T. -0.00 min
Lab File: BF078728.D
Acq: 22 Apr 2015 21:37

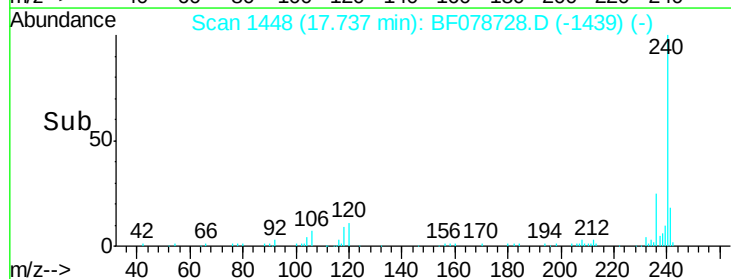
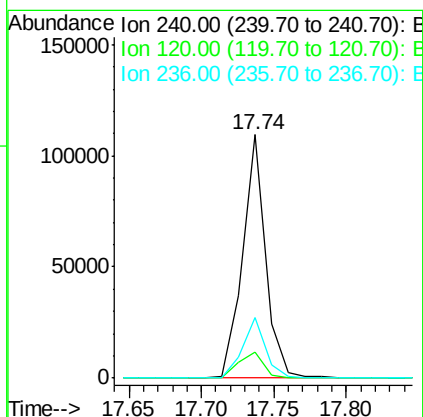
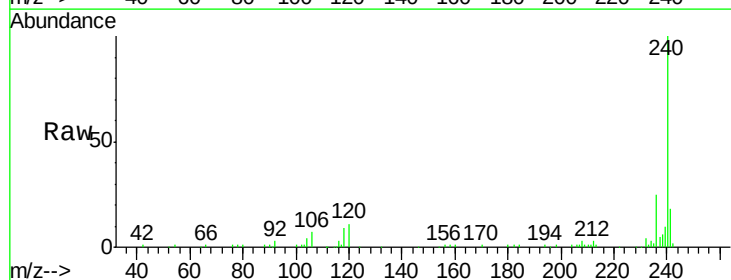
Instrument :
BNA_F
ClientSampled :
PB82885BL

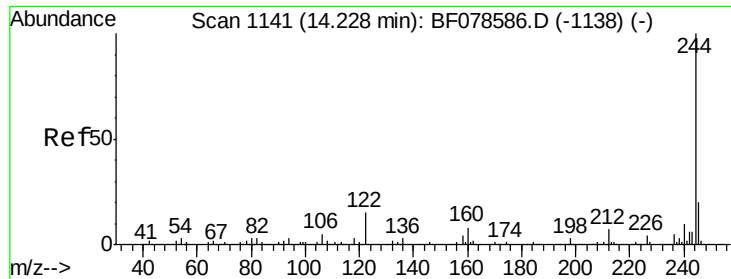
Tgt Ion:188 Resp: 106350
Ion Ratio Lower Upper
188 100
94 9.9 9.0 13.4
80 10.5 9.5 14.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.74 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BF078728.D
Acq: 22 Apr 2015 21:37

Tgt Ion:240 Resp: 120977
Ion Ratio Lower Upper
240 100
120 10.7 7.1 10.7#
236 25.0 21.4 32.2

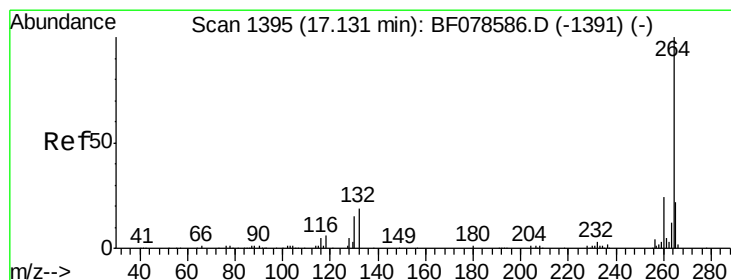
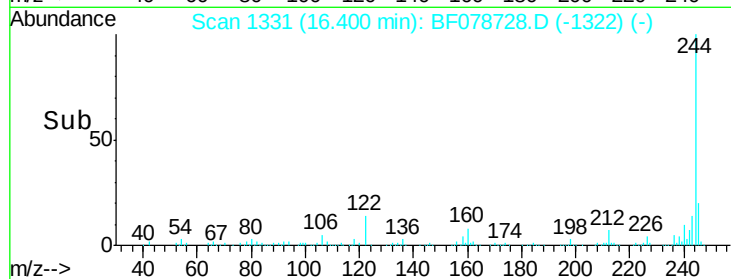
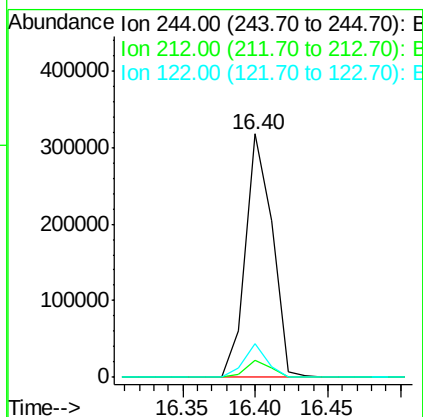
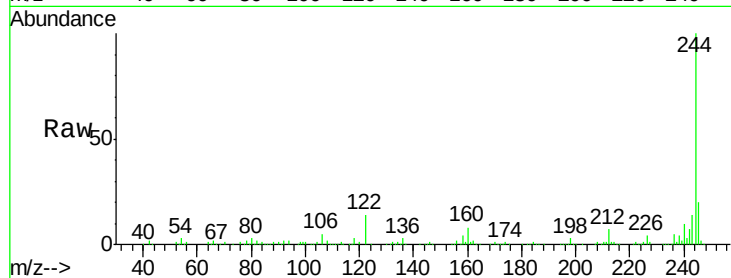




#78
 Terphenyl-d14
 Concen: 75.88 ng
 RT: 16.40 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF078728.D
 Acq: 22 Apr 2015 21:37

Instrument :
 BNA_F
 ClientSampleId :
 PB82885BL

Tgt Ion:244 Resp: 406238
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.0 7.4
 122 13.7 7.1 10.7#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.43 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BF078728.D
 Acq: 22 Apr 2015 21:37

Tgt Ion:264 Resp: 116014
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.6 27.8
 265 21.4 17.0 25.6

