

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030215\
 Data File : BF077528.D
 Acq On : 2 Mar 2015 17:59
 Operator : TP/IZ
 Sample : G1399-01 5X
 Misc : S
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB9

Quant Time: Mar 03 00:05:18 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 02 23:46:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	107012	20.00	ng	0.00
21) Naphthalene-d8	8.84	136	426201	20.00	ng	0.00
38) Acenaphthene-d10	11.01	164	211719	20.00	ng	0.00
63) Phenanthrene-d10	12.86	188	408971	20.00	ng	0.00
75) Chrysene-d12	16.18	240	347394	20.00	ng	0.04
86) Perylene-d12	17.94	264	454176	20.00	ng	0.11

System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	120203	18.75	ng	0.00
7) Phenol-d6	6.82	99	152169	18.46	ng	0.00
23) Nitrobenzene-d5	7.95	82	86711	12.65	ng	0.00
41) 2,4,6-Tribromophenol	11.99	330	36152	17.73	ng	0.00
44) 2-Fluorobiphenyl	10.18	172	176416	12.99	ng	0.00
78) Terphenyl-d14	14.85	244	187149	12.59	ng	0.00

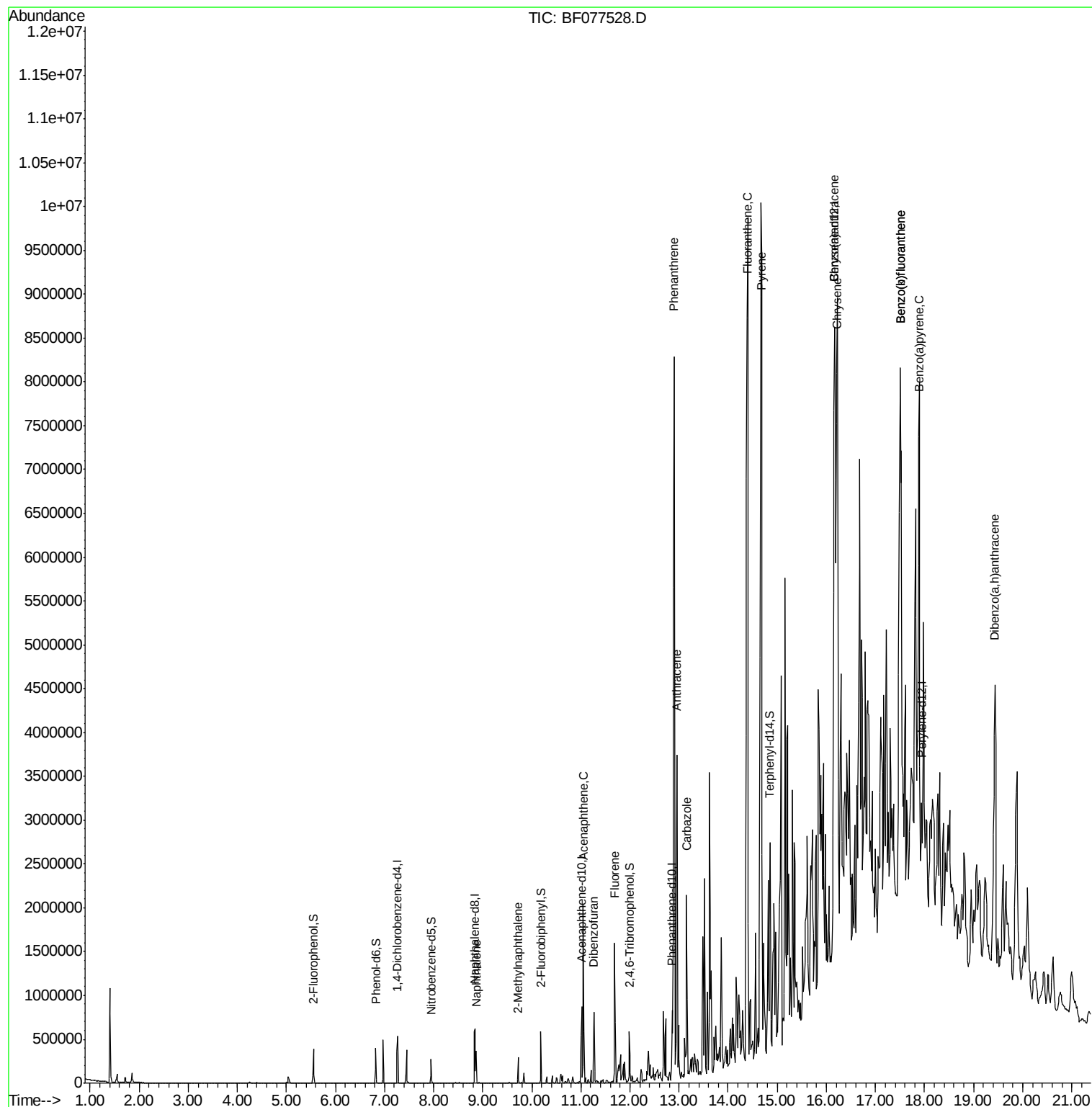
Target Compounds						Qvalue
31) Naphthalene	8.86	128	173118	8.12	ng	98
37) 2-Methylnaphthalene	9.72	142	78293	5.17	ng	99
51) Acenaphthene	11.05	154	474211	39.90	ng	100
54) Dibenzofuran	11.26	168	329005	17.93	ng	98
57) Fluorene	11.69	166	520090	35.45	ng	100
70) Phenanthrene	12.89	178	4142021	174.74	ng	95
71) Anthracene	12.95	178	1640472	69.74	ng	98
72) Carbazole	13.15	167	977414	43.70	ng	98
74) Fluoranthene	14.38	202	8260595	319.03	ng	91
77) Pyrene	14.67	202	7823738	368.17	ng	# 75
80) Benzo(a)anthracene	16.17	228	6443085	316.46	ng	# 87
82) Chrysene	16.21	228	4496362	235.19	ng	# 84
87) Benzo(b)fluoranthene	17.50	252	8155215	308.78	ng	# 90
88) Benzo(k)fluoranthene	17.50	252	7668747	296.29	ng	95
89) Benzo(a)pyrene	17.88	252	4408273	175.25	ng	# 90
90) Dibenzo(a,h)anthracene	19.43	278	874489	36.45	ng	# 76

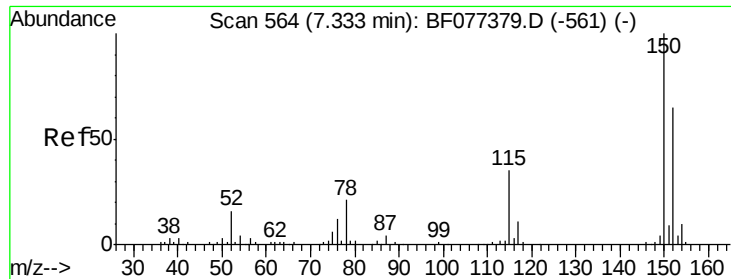
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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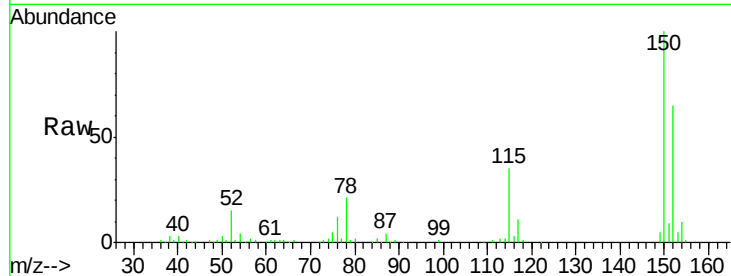




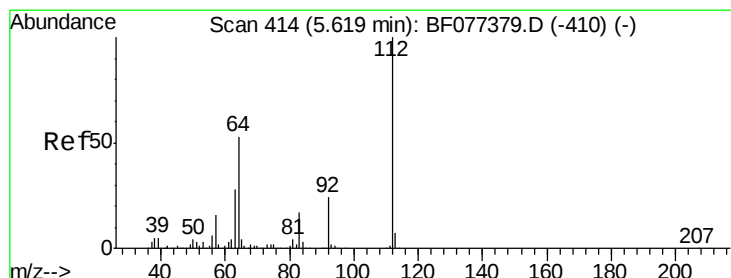
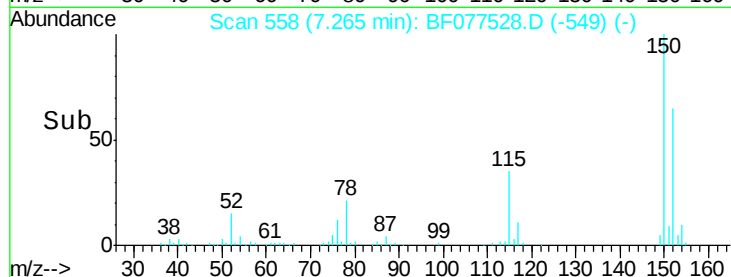
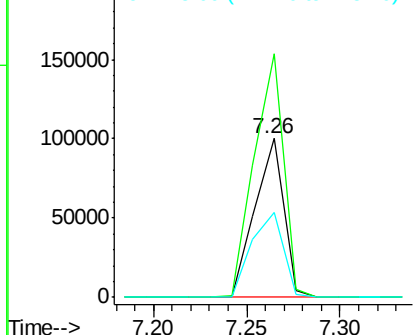
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.26 min Scan# 558
 Delta R.T. 0.00 min
 Lab File: BF077528.D
 Acq: 2 Mar 2015 17:59

Instrument :
 BNA_F
 ClientSampleId :
 SB9

Tgt Ion:152 Resp: 107012
 Ion Ratio Lower Upper
 152 100
 150 153.1 124.0 186.0
 115 53.3 49.4 74.2

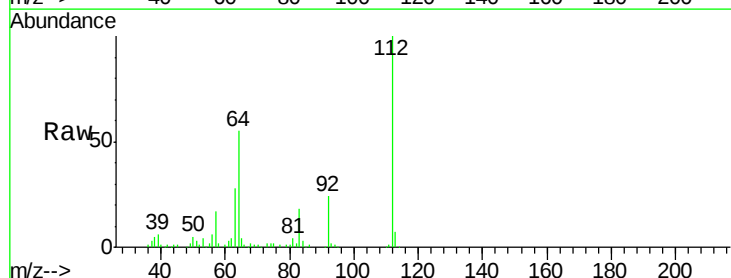


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

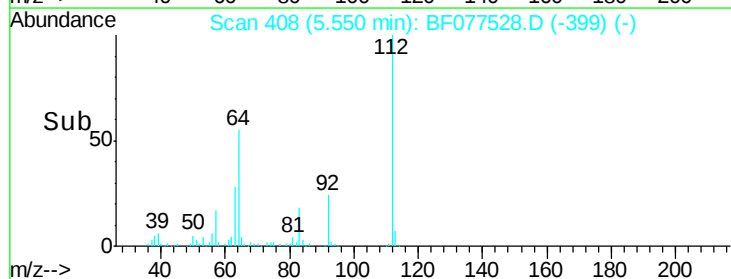
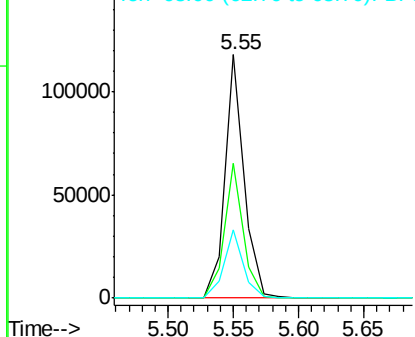


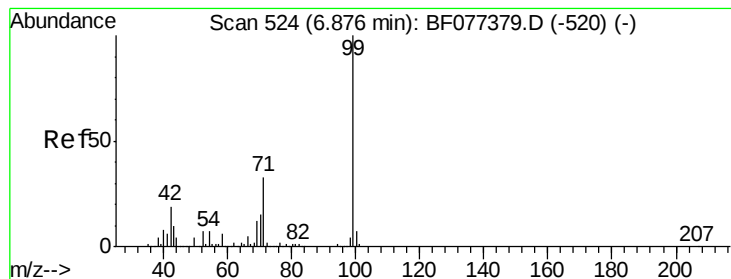
#5
 2-Fluorophenol
 Concen: 18.75 ng
 RT: 5.55 min Scan# 408
 Delta R.T. 0.01 min
 Lab File: BF077528.D
 Acq: 2 Mar 2015 17:59

Tgt Ion:112 Resp: 120203
 Ion Ratio Lower Upper
 112 100
 64 55.3 48.5 72.7
 63 28.1 25.0 37.4



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: 18.46 ng

RT: 6.82 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF077528.D

Acq: 2 Mar 2015 17:59

Instrument :

BNA_F

ClientSampleId :

SB9

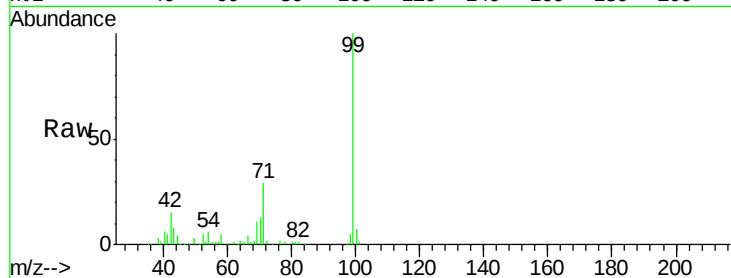
Tgt Ion: 99 Resp: 152169

Ion Ratio Lower Upper

99 100

42 15.4 16.2 24.4#

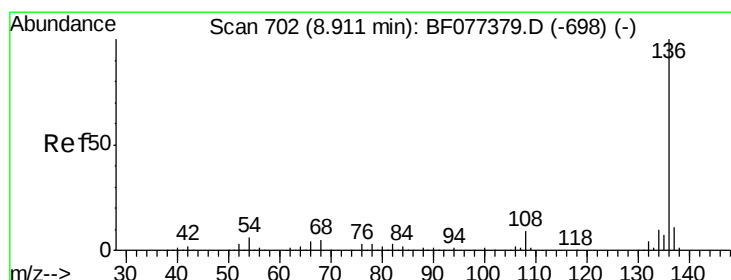
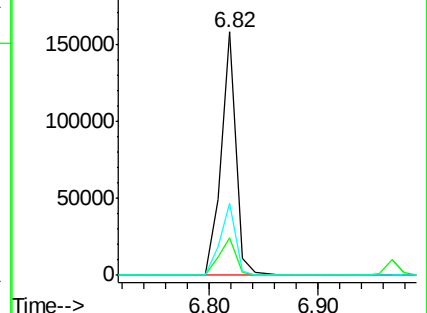
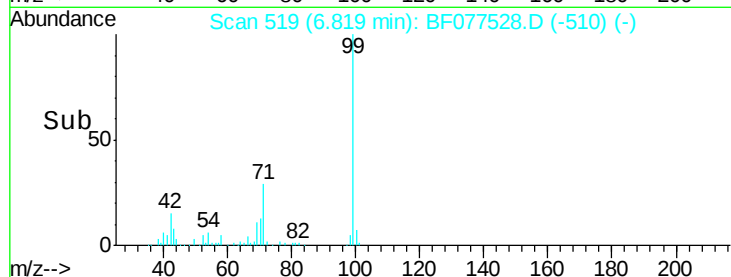
71 29.5 26.7 40.1



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: 8.84 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF077528.D

Acq: 2 Mar 2015 17:59

Tgt Ion: 136 Resp: 426201

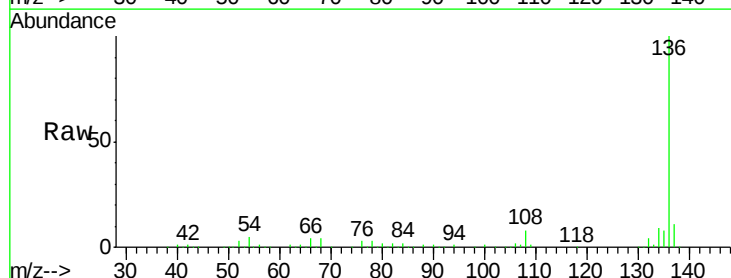
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 5.2 6.2 9.4#

68 4.4 5.0 7.6#

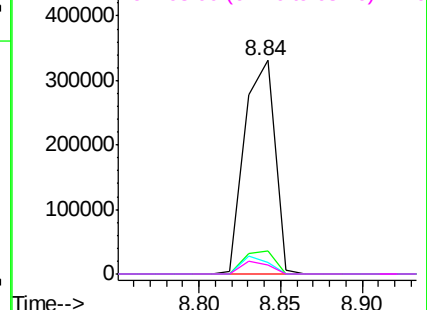
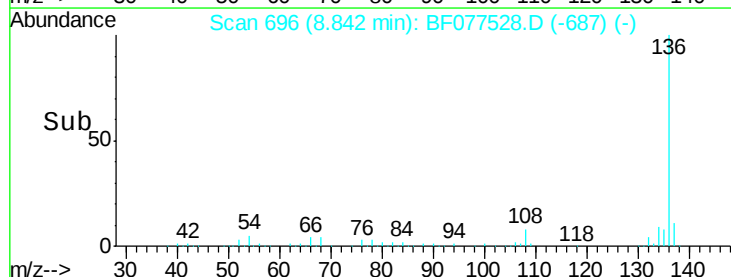


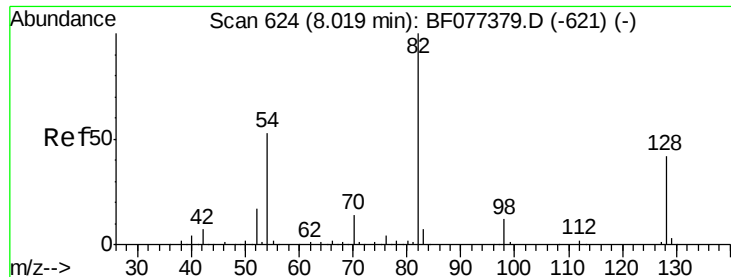
Abundance Ion 136.00 (135.70 to 136.70): E

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

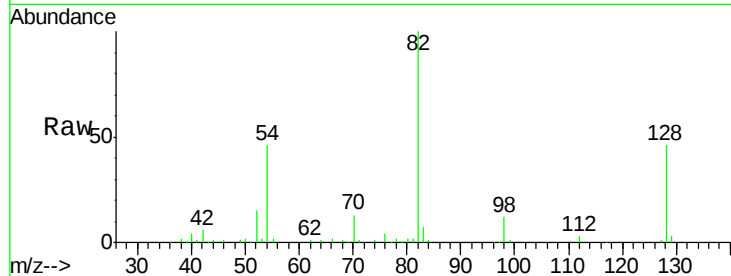




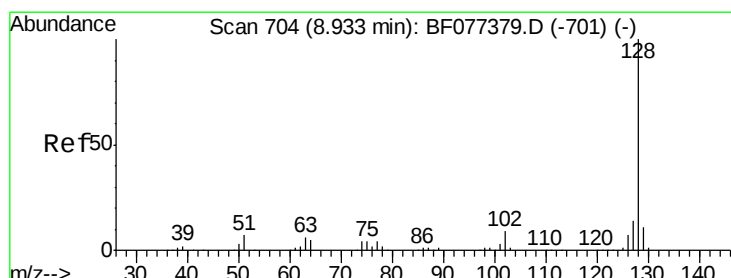
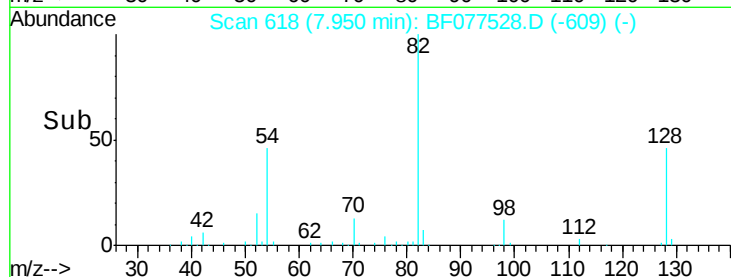
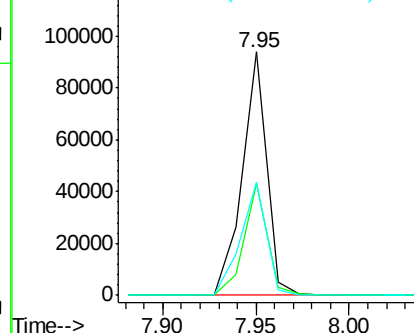
#23
Nitrobenzene-d5
Concen: 12.65 ng
RT: 7.95 min Scan# 618
Delta R.T. -0.00 min
Lab File: BF077528.D
Acq: 2 Mar 2015 17:59

Instrument :
BNA_F
ClientSampleId :
SB9

Tgt Ion: 82 Resp: 86711
Ion Ratio Lower Upper
82 100
128 45.8 43.8 65.8
54 46.2 36.7 55.1

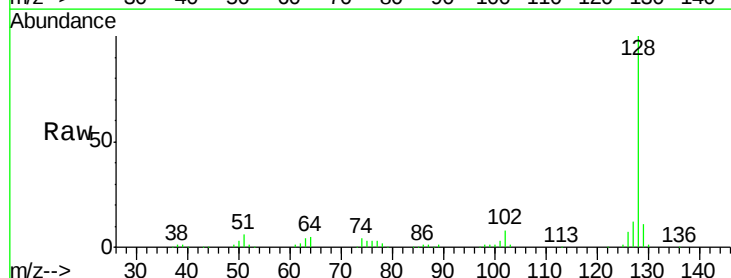


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

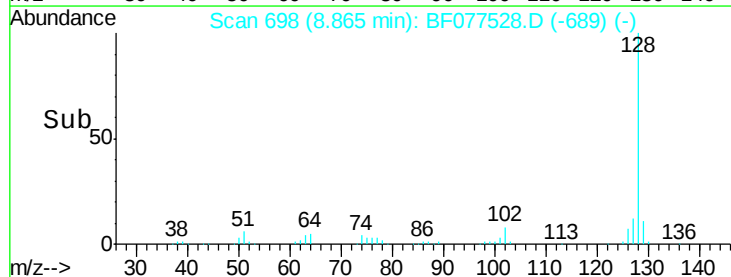
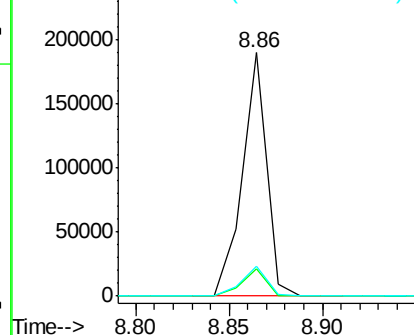


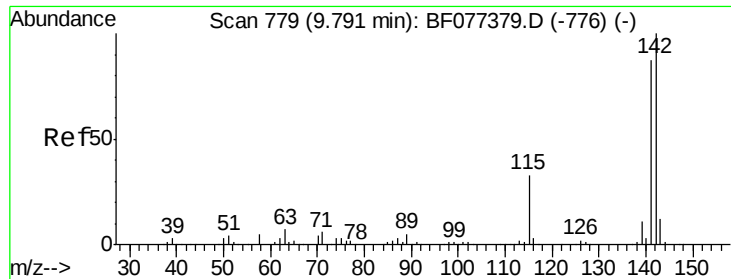
#31
Naphthalene
Concen: 8.12 ng
RT: 8.86 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF077528.D
Acq: 2 Mar 2015 17:59

Tgt Ion: 128 Resp: 173118
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.0
127 12.3 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): B
Ion 129.00 (128.70 to 129.70): B
Ion 127.00 (126.70 to 127.70): B

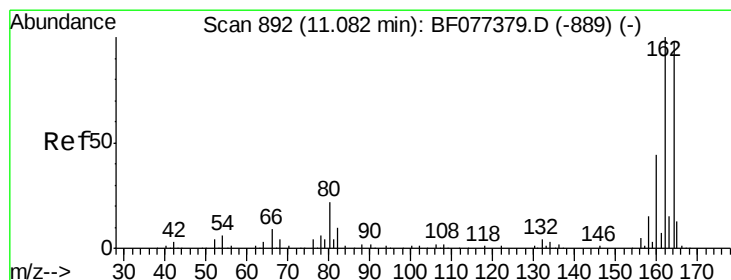
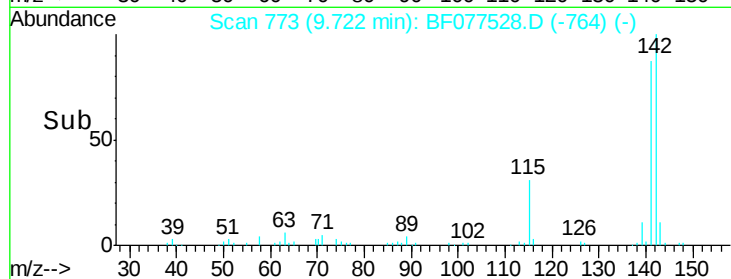
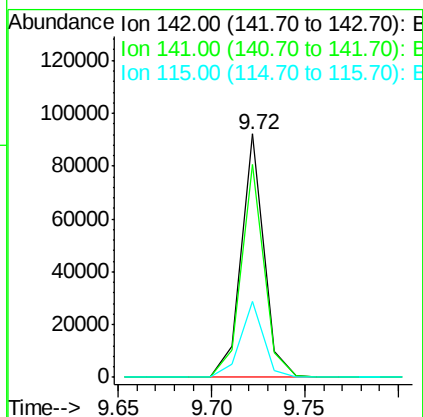
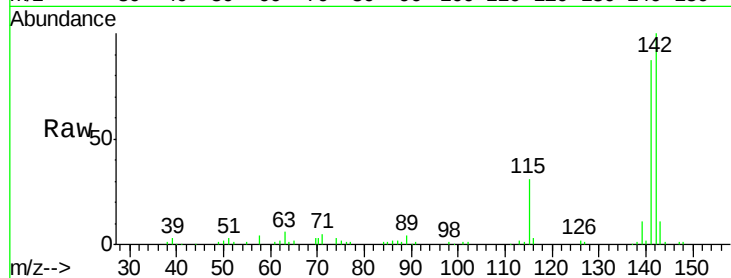




#37
 2-Methylnaphthalene
 Concen: 5.17 ng
 RT: 9.72 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF077528.D
 Acq: 2 Mar 2015 17:59

Instrument :
 BNA_F
 ClientSampleId :
 SB9

Tgt Ion:142 Resp: 78293
 Ion Ratio Lower Upper
 142 100
 141 87.5 70.7 106.1
 115 30.9 24.2 36.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.01 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: BF077528.D
 Acq: 2 Mar 2015 17:59

Tgt Ion:164 Resp: 211719
 Ion Ratio Lower Upper
 164 100
 162 103.3 83.2 124.8
 160 45.9 34.6 52.0

