

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010417\
 Data File : BF092077.D
 Acq On : 4 Jan 2017 19:31
 Operator : UM/SJ
 Sample : I1003-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Quant Time: Jan 05 00:27:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 05 00:16:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	206995	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	853370	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	431097	20.00	ng	-0.01
63) Phenanthrene-d10	11.17	188	301147	20.00	ng	-0.01
75) Chrysene-d12	13.80	240	254492	20.00	ng	-0.01
86) Perylene-d12	15.17	264	208860	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	602891	48.63	ng	0.00
7) Phenol-d6	6.32	99	629562	41.60	ng	-0.01
23) Nitrobenzene-d5	7.24	82	1619694	105.54	ng	0.00
41) 2,4,6-Tribromophenol	10.48	330	512778	143.73	ng	-0.01
44) 2-Fluorobiphenyl	9.03	172	2491621	124.40	ng	0.00
78) Terphenyl-d14	12.77	244	1234203	117.62	ng	0.00

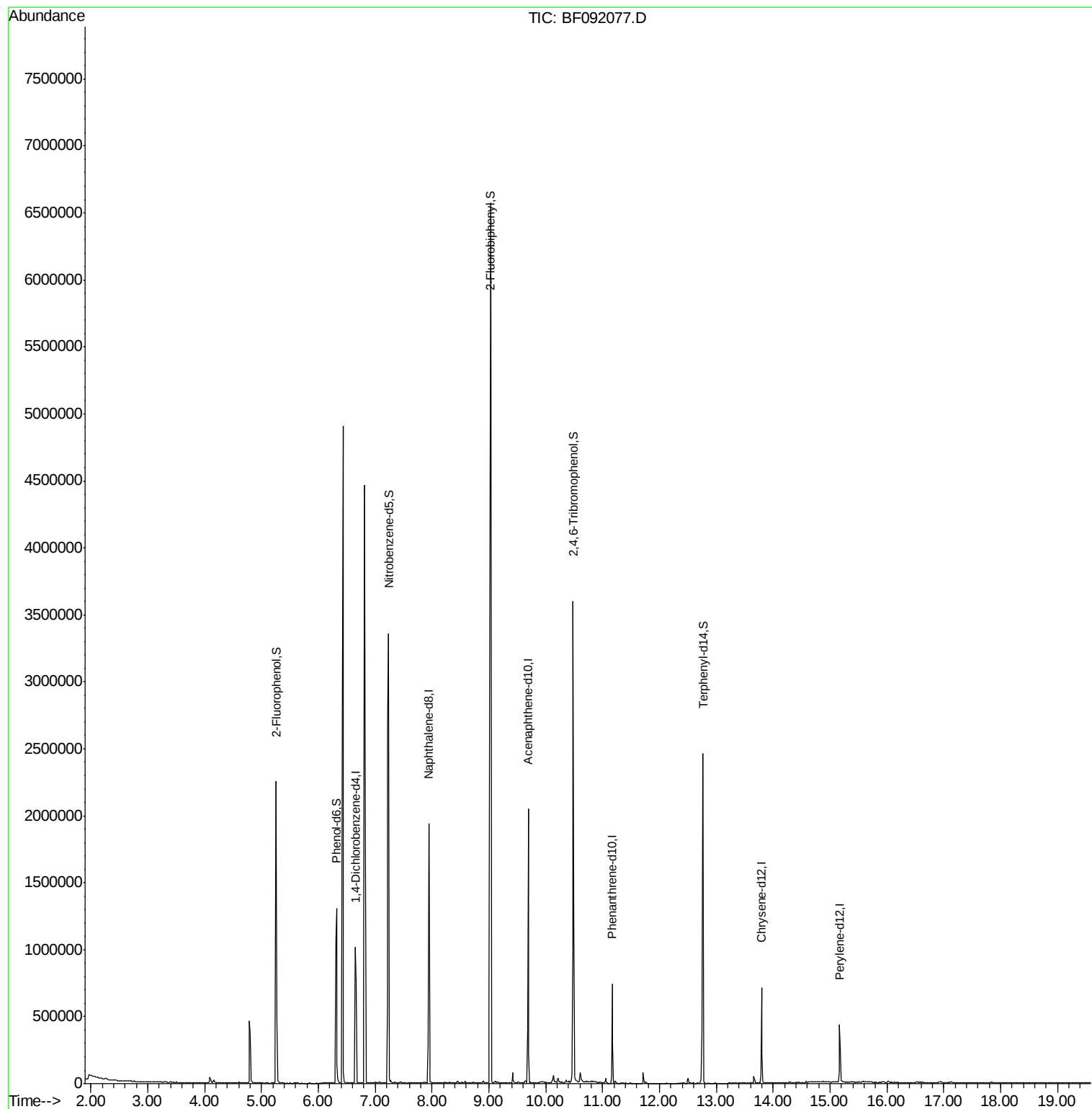
Target Compounds Qvalue

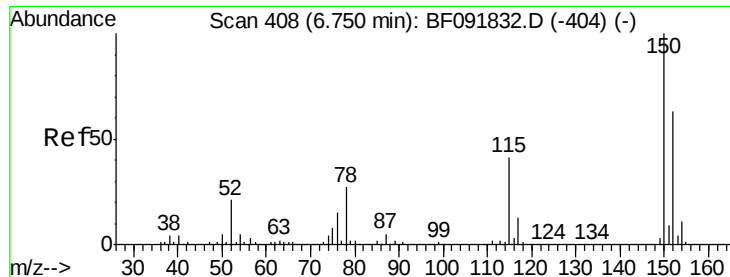
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF092077.D

Acq: 4 Jan 2017 19:31

Instrument :

BNA_F

ClientSampleId :

DSN001

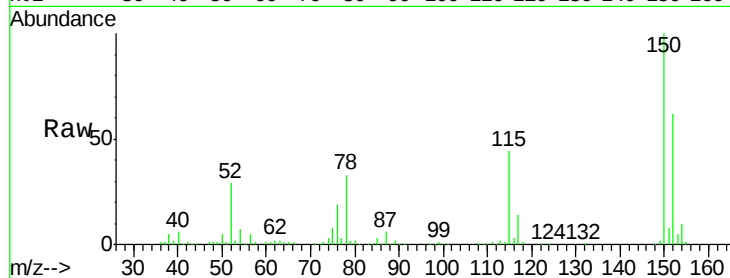
Tot Ion:152 Resp: 206995

Ion Ratio Lower Upper

152 100

150 160.2 124.9 187.3

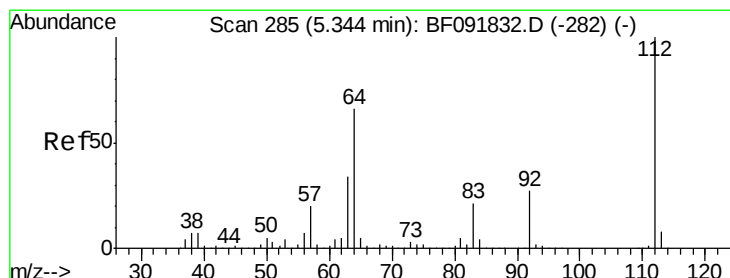
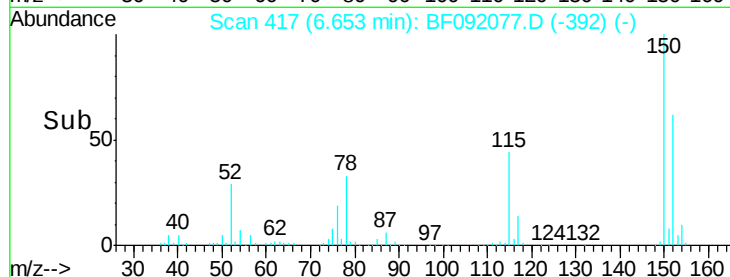
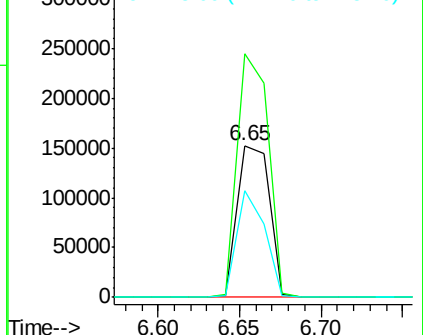
115 69.9 46.0 69.0#



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: 48.63 ng

RT: 5.26 min Scan# 295

Delta R.T. 0.00 min

Lab File: BF092077.D

Acq: 4 Jan 2017 19:31

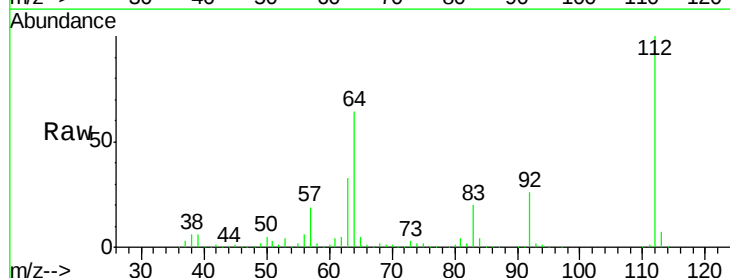
Tgt Ion:112 Resp: 602891

Ion Ratio Lower Upper

112 100

64 64.4 46.1 69.1

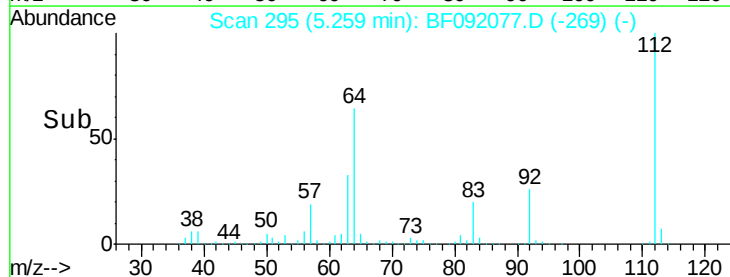
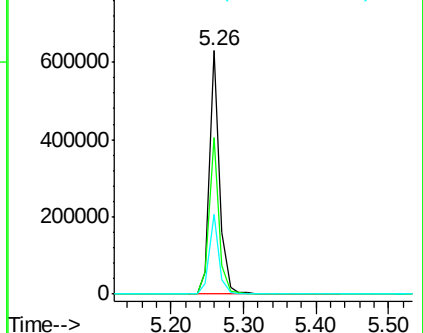
63 32.7 23.8 35.6

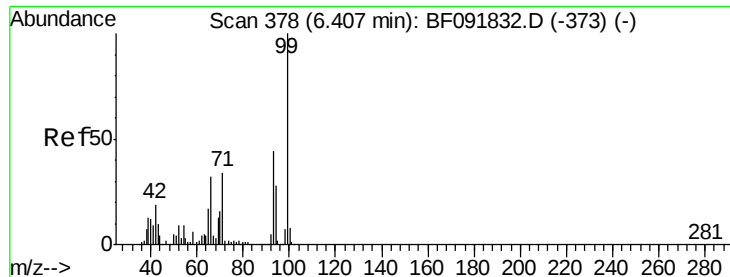


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 41.60 ng

RT: 6.32 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF092077.D

Acq: 4 Jan 2017 19:31

Instrument :

BNA_F

ClientSampleId :

DSN001

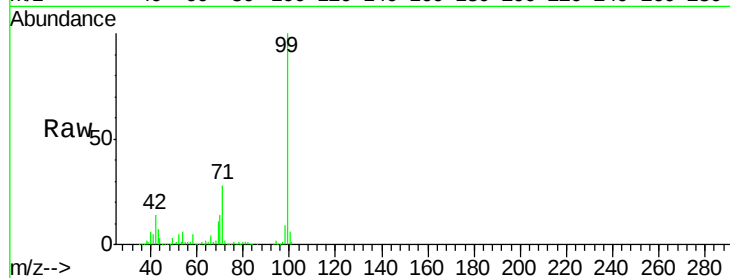
Tot Ion: 99 Resp: 629562

Ion Ratio Lower Upper

99 100

42 14.1 15.6 23.4#

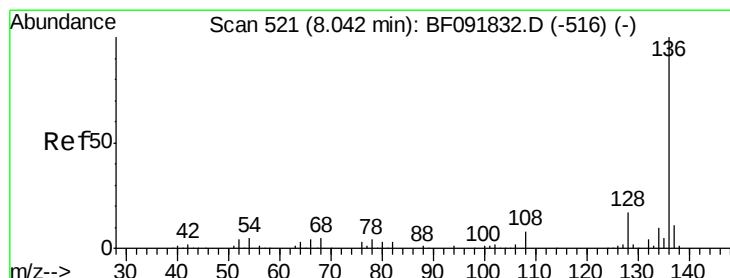
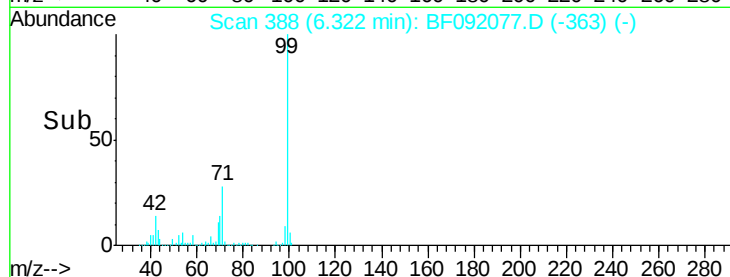
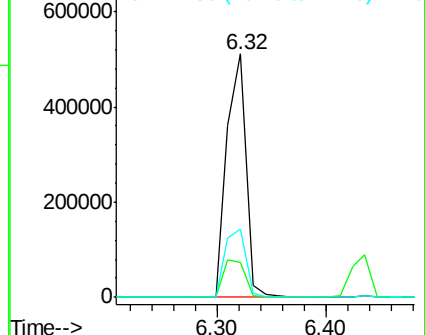
71 27.9 27.5 41.3



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# 530

Delta R.T. -0.01 min

Lab File: BF092077.D

Acq: 4 Jan 2017 19:31

Tgt Ion: 136 Resp: 853370

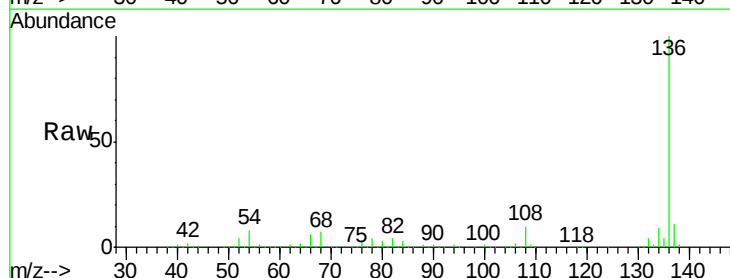
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 8.4 4.5 6.7#

68 6.7 3.6 5.4#

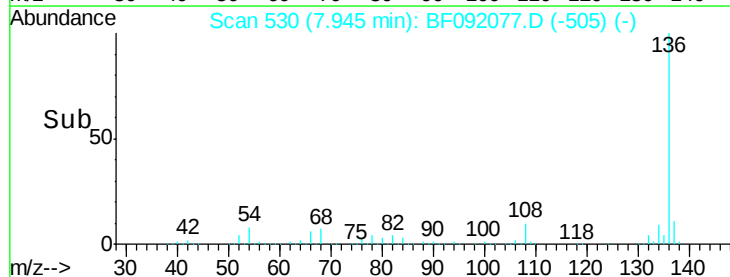
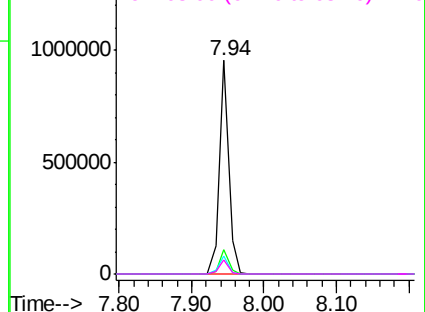


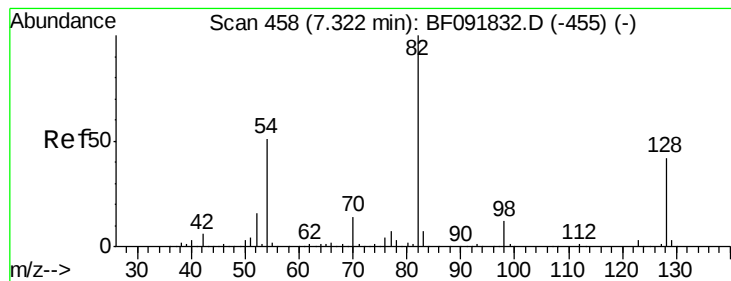
Abundance Ion 136.00 (135.70 to 136.70): E

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: 105.54 ng

RT: 7.24 min Scan# 468

Delta R.T. 0.00 min

Lab File: BF092077.D

Acq: 4 Jan 2017 19:31

Instrument :

BNA_F

ClientSampleId :

DSN001

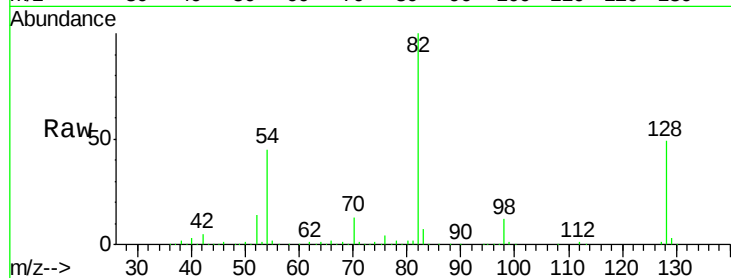
Tot Ion: 82 Resp: 1619694

Ion Ratio Lower Upper

82 100

128 48.6 34.6 52.0

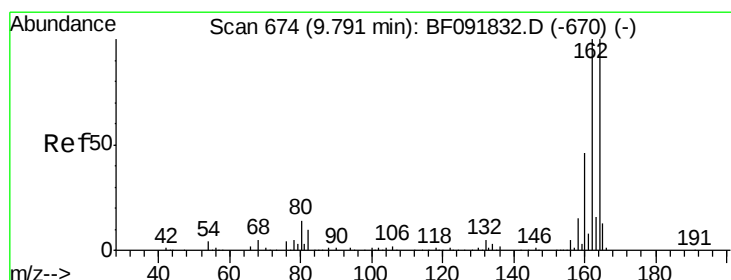
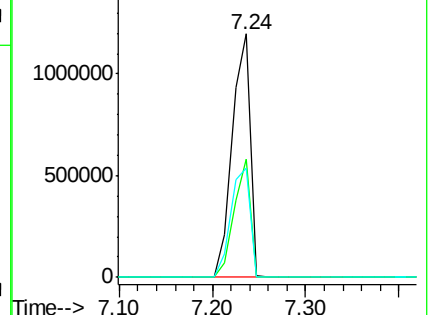
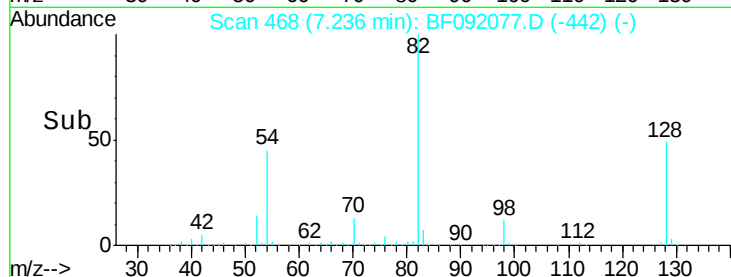
54 44.7 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.69 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF092077.D

Acq: 4 Jan 2017 19:31

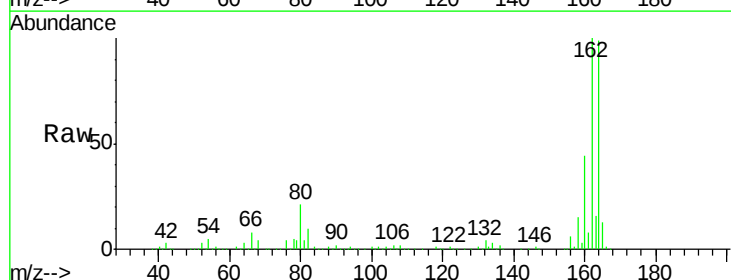
Tgt Ion:164 Resp: 431097

Ion Ratio Lower Upper

164 100

162 101.1 80.2 120.2

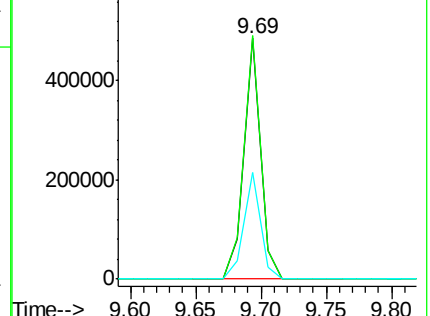
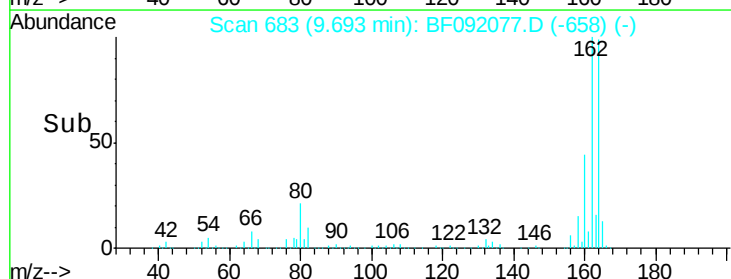
160 44.3 36.9 55.3

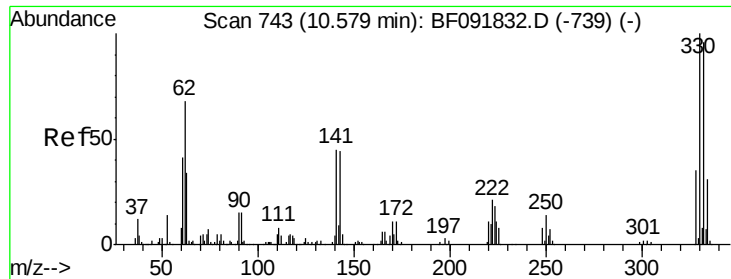


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

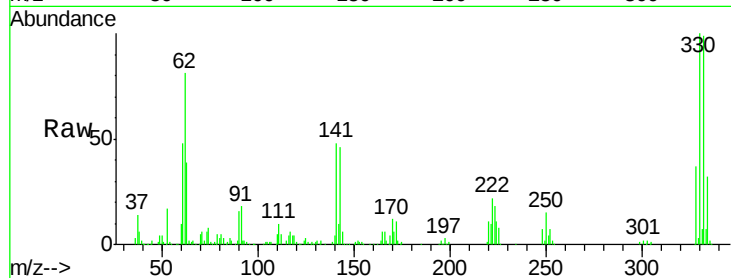




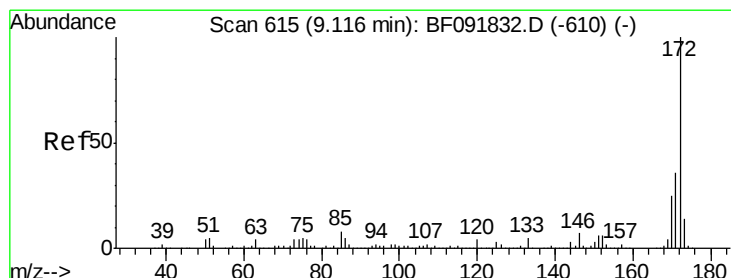
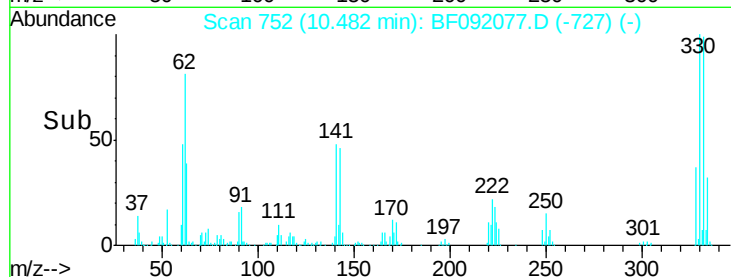
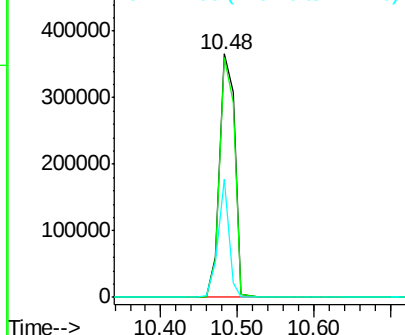
#41
 2,4,6-Tribromophenol
 Concen: 143.73 ng
 RT: 10.48 min Scan# 752
 Delta R.T. -0.01 min
 Lab File: BF092077.D
 Acq: 4 Jan 2017 19:31

Instrument :
 BNA_F
 ClientSampled :
 DSN001

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.4	116.2
141	34.5	34.1	51.1

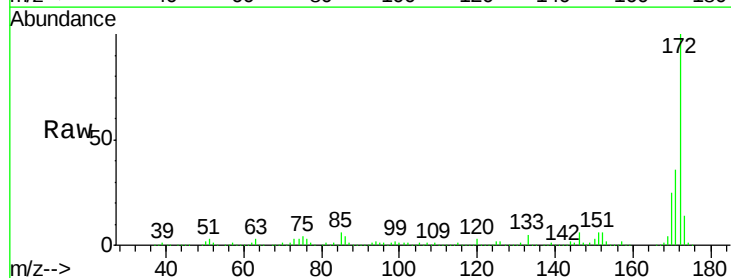


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

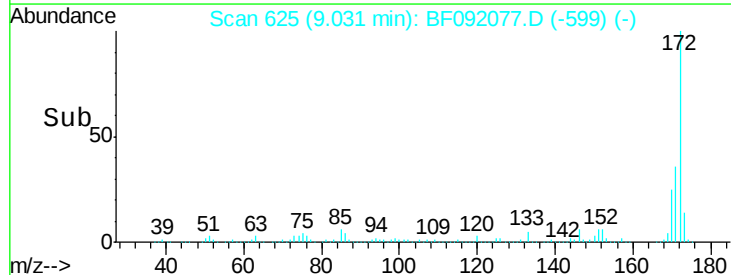
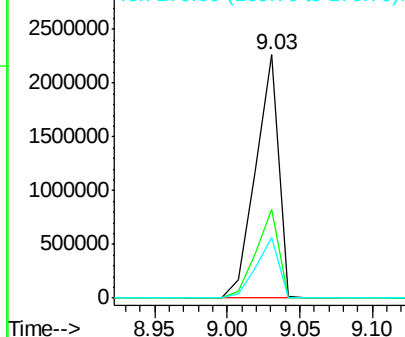


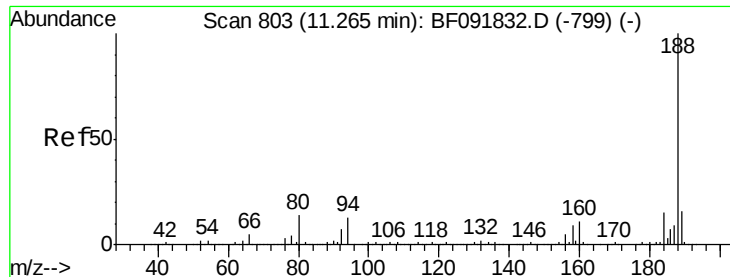
#44
 2-Fluorobiphenyl
 Concen: 124.40 ng
 RT: 9.03 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF092077.D
 Acq: 4 Jan 2017 19:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.9	20.2	30.4



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

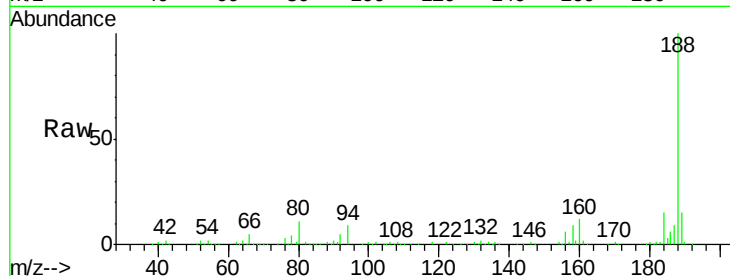




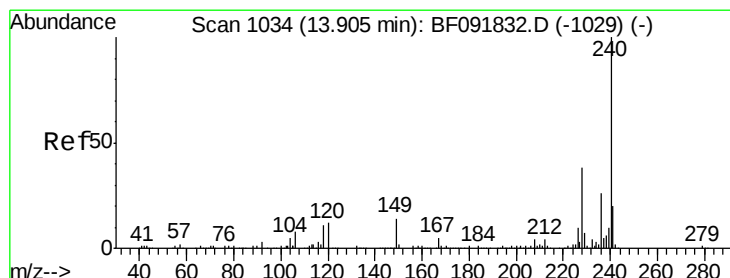
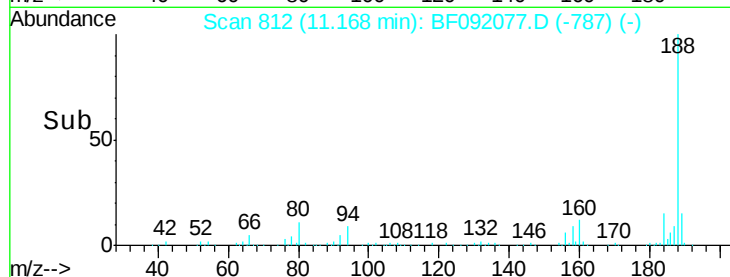
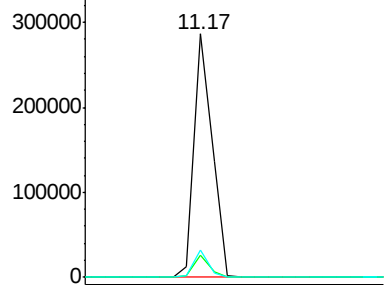
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF092077.D
Acq: 4 Jan 2017 19:31

Instrument :
BNA_F
ClientSampleId :
DSN001

Tot Ion:188 Resp: 301147
Ion Ratio Lower Upper
188 100
94 9.4 10.0 15.0#
80 11.1 11.2 16.8#

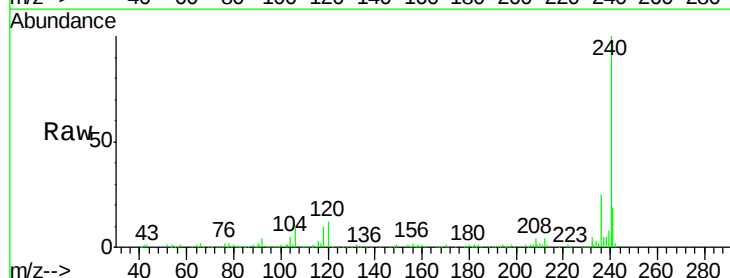


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

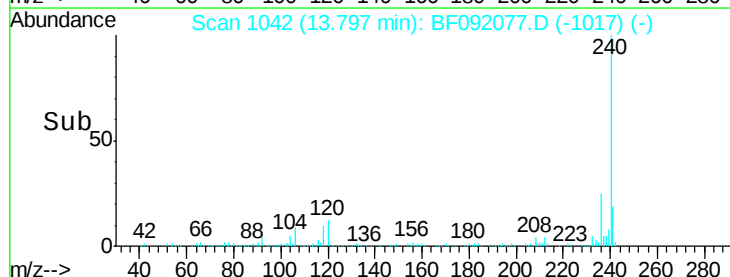
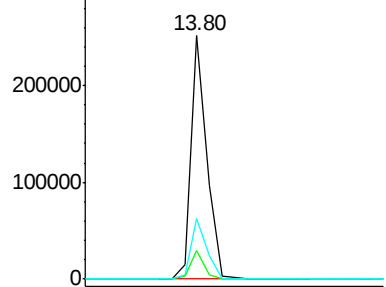


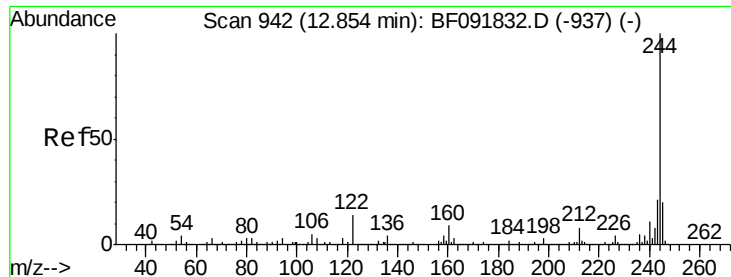
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF092077.D
Acq: 4 Jan 2017 19:31

Tgt Ion:240 Resp: 254492
Ion Ratio Lower Upper
240 100
120 11.7 12.9 19.3#
236 25.0 20.9 31.3



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: 117.62 ng

RT: 12.77 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF092077.D

Acq: 4 Jan 2017 19:31

Instrument :

BNA_F

ClientSampleId :

DSN001

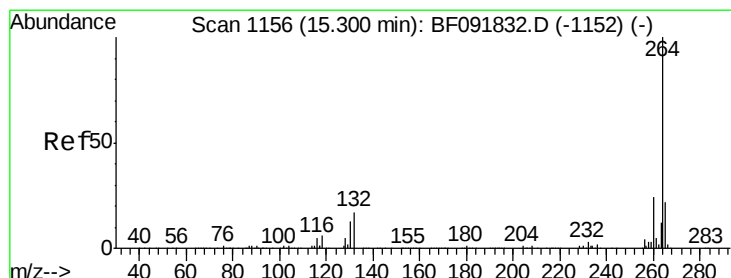
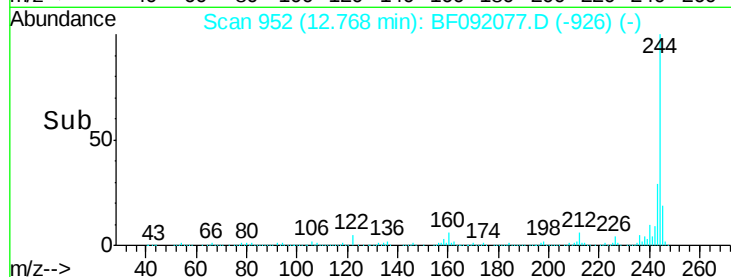
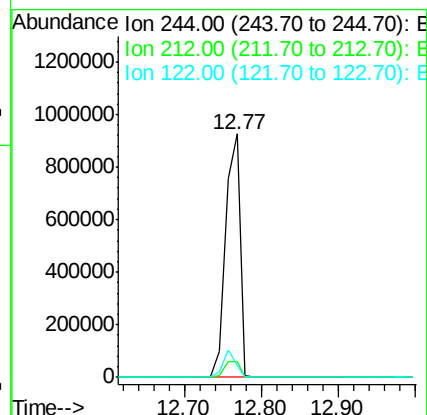
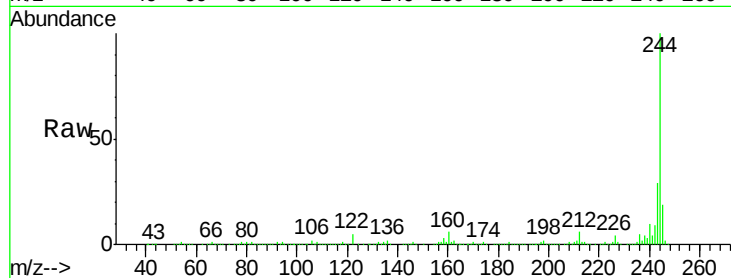
Tot Ion:244 Resp: 1234203

Ion Ratio Lower Upper

244 100

212 6.5 6.2 9.2

122 5.1 11.4 17.2#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.17 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF092077.D

Acq: 4 Jan 2017 19:31

Tgt Ion:264 Resp: 208860

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.2 17.4 26.0

