

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032715\
 Data File : BF078046.D
 Acq On : 27 Mar 2015 19:45
 Operator : TP/IZ
 Sample : G1654-16
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LIP-22-3-25-15

Quant Time: Mar 28 04:28:26 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 28 05:12:59 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	36526	20.00	ng	0.00
21) Naphthalene-d8	8.65	136	151650	20.00	ng	0.00
38) Acenaphthene-d10	10.82	164	77284	20.00	ng	0.00
63) Phenanthrene-d10	12.65	188	148281	20.00	ng	-0.01
75) Chrysene-d12	15.93	240	161115	20.00	ng	0.00
86) Perylene-d12	17.67	264	152023	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	122299	58.44	ng	0.00
7) Phenol-d6	6.67	99	97005	37.52	ng	0.00
23) Nitrobenzene-d5	7.77	82	208150	89.97	ng	-0.01
41) 2,4,6-Tribromophenol	11.80	330	102891	139.15	ng	0.00
44) 2-Fluorobiphenyl	10.00	172	470293	89.43	ng	0.00
78) Terphenyl-d14	14.65	244	539232	81.75	ng	0.00

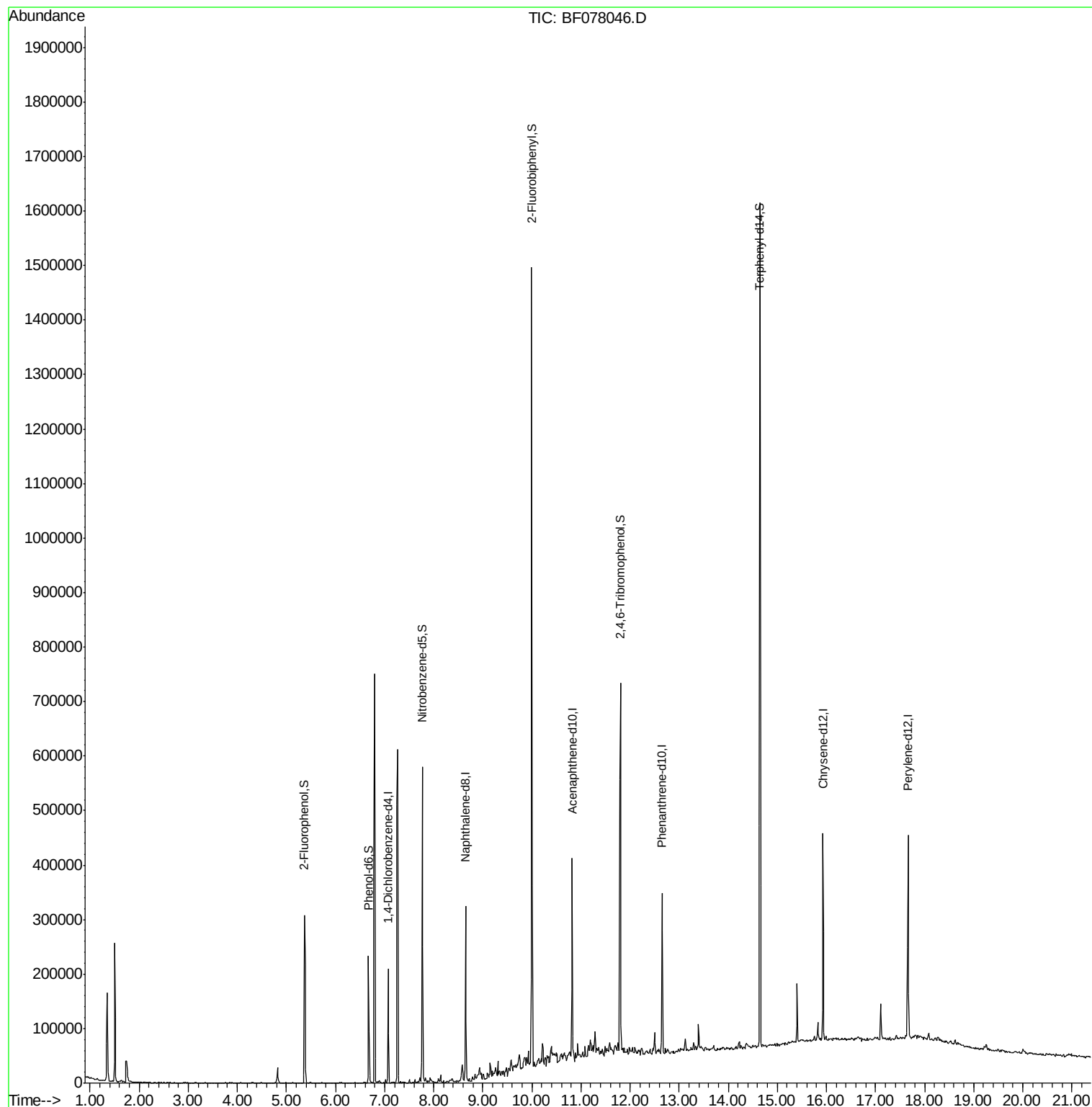
Target Compounds	Qvalue
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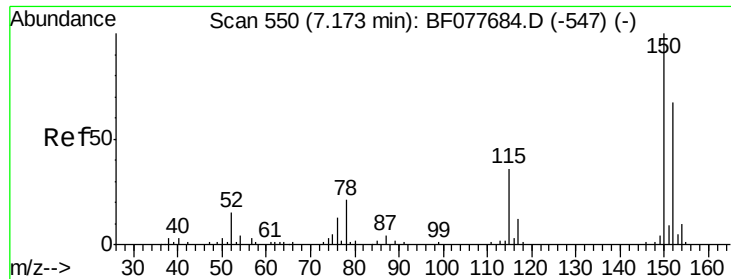
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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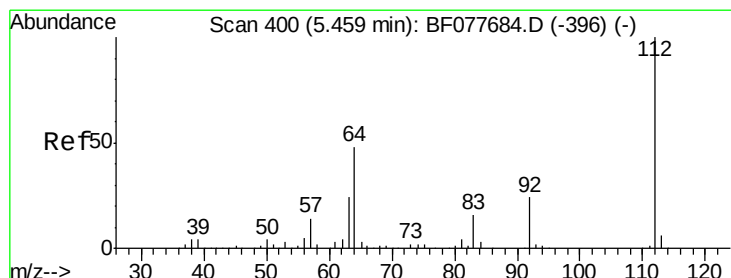
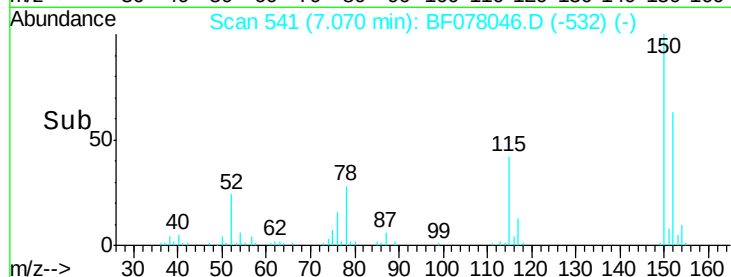
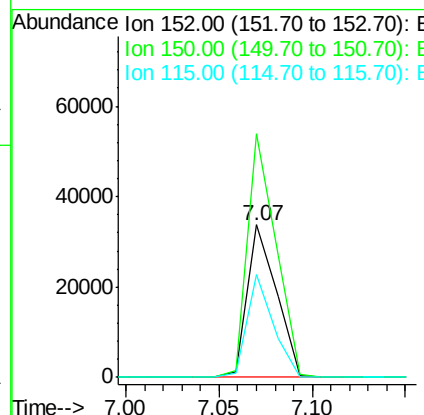
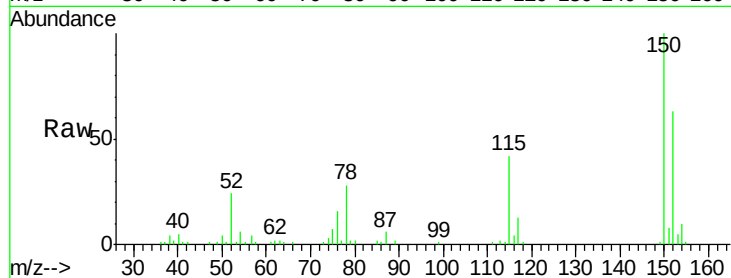




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.07 min Scan# 541
 Delta R.T. -0.00 min
 Lab File: BF078046.D
 Acq: 27 Mar 2015 19:45

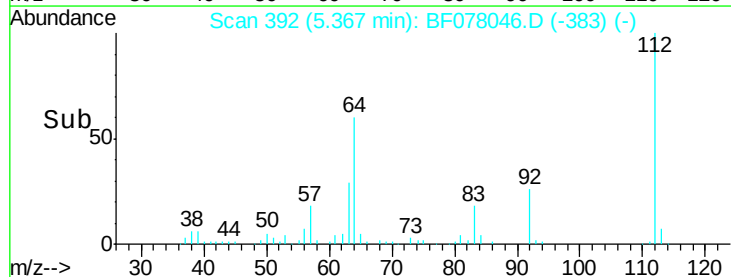
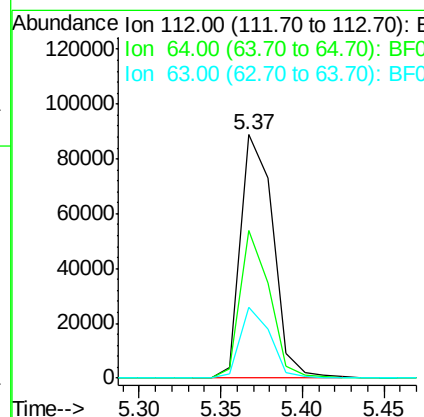
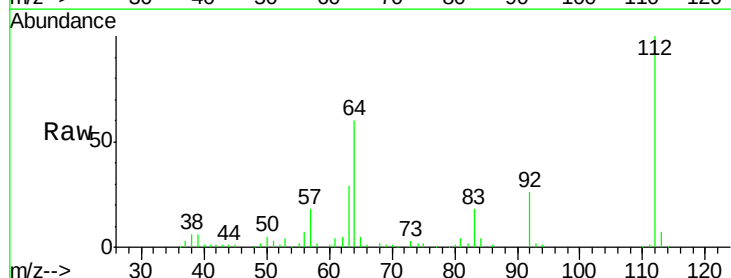
Instrument :
 BNA_F
 ClientSampleId :
 LIP-22-3-25-15

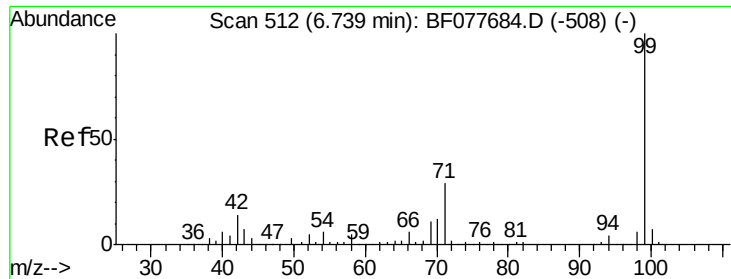
Tgt Ion:152 Resp: 36526
 Ion Ratio Lower Upper
 152 100
 150 159.6 119.5 179.3
 115 67.4 43.0 64.4#



#5
 2-Fluorophenol
 Concen: 58.44 ng
 RT: 5.37 min Scan# 392
 Delta R.T. -0.00 min
 Lab File: BF078046.D
 Acq: 27 Mar 2015 19:45

Tgt Ion:112 Resp: 122299
 Ion Ratio Lower Upper
 112 100
 64 60.4 38.6 57.8#
 63 29.2 19.3 28.9#





#7

Phenol-d6

Concen: 37.52 ng

RT: 6.67 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF078046.D

Acq: 27 Mar 2015 19:45

Instrument :

BNA_F

ClientSampleId :

LIP-22-3-25-15

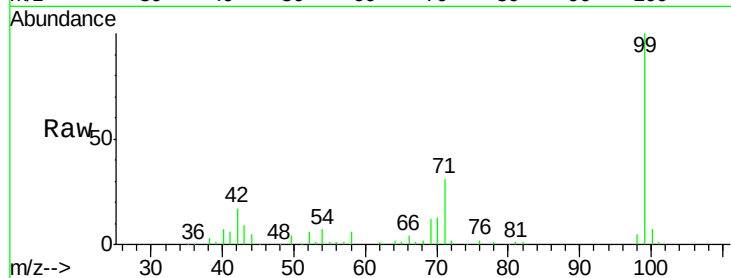
Tgt Ion: 99 Resp: 97005

Ion Ratio Lower Upper

99 100

42 16.6 11.0 16.4#

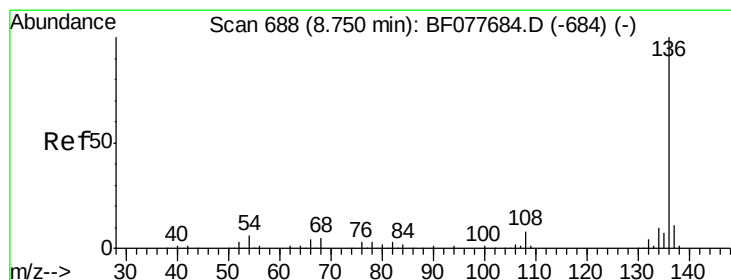
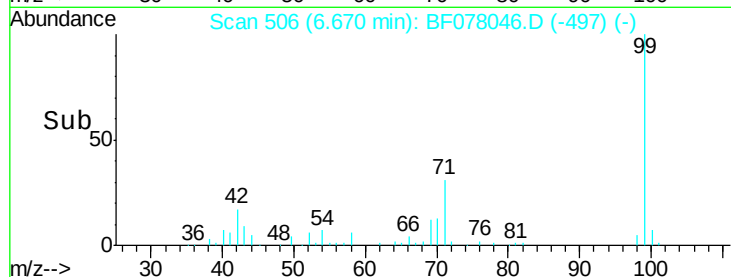
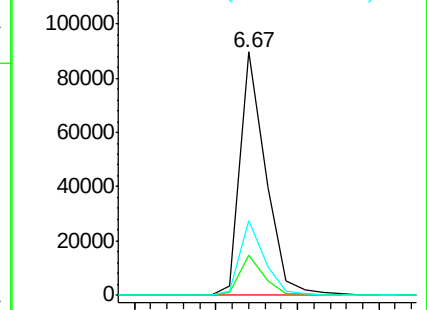
71 30.8 23.4 35.2



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: 8.65 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF078046.D

Acq: 27 Mar 2015 19:45

Tgt Ion: 136 Resp: 151650

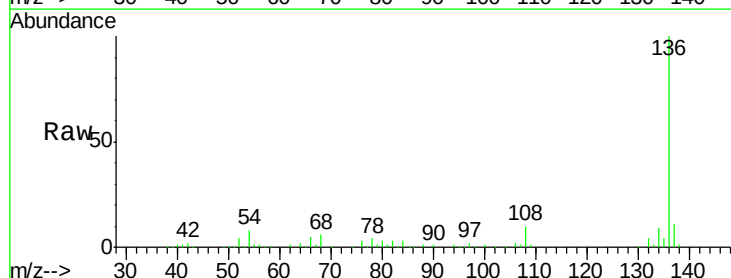
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 8.0 4.6 6.8#

68 6.4 3.7 5.5#

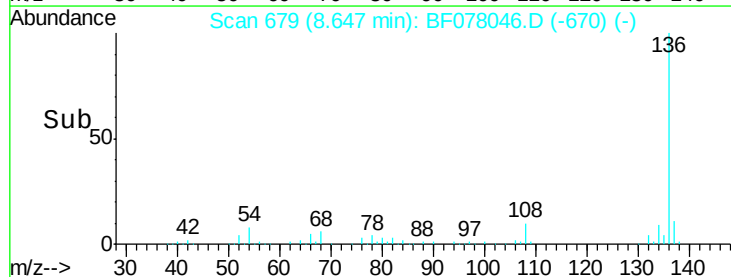
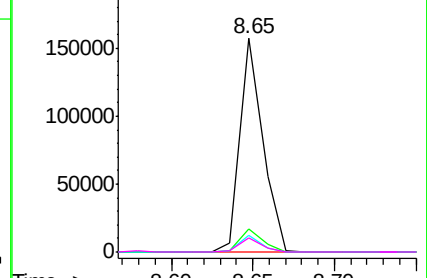


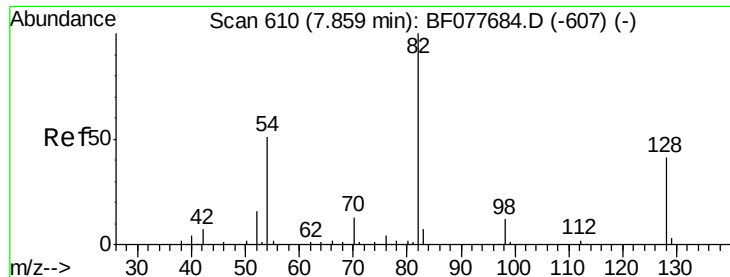
Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.97 ng

RT: 7.77 min Scan# 602

Delta R.T. -0.01 min

Lab File: BF078046.D

Acq: 27 Mar 2015 19:45

Instrument :

BNA_F

ClientSampleId :

LIP-22-3-25-15

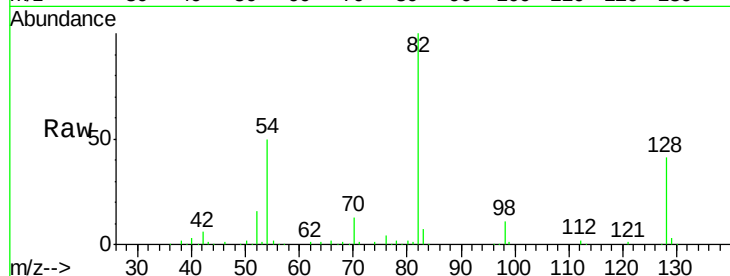
Tgt Ion: 82 Resp: 208150

Ion Ratio Lower Upper

82 100

128 41.2 32.8 49.2

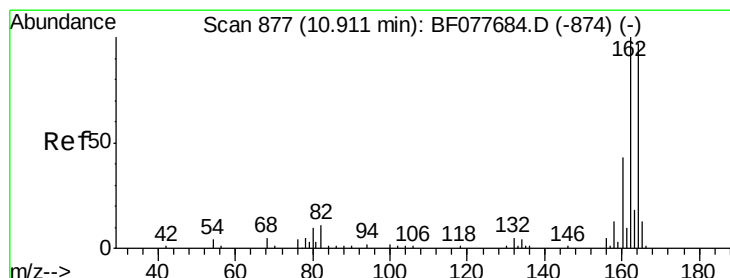
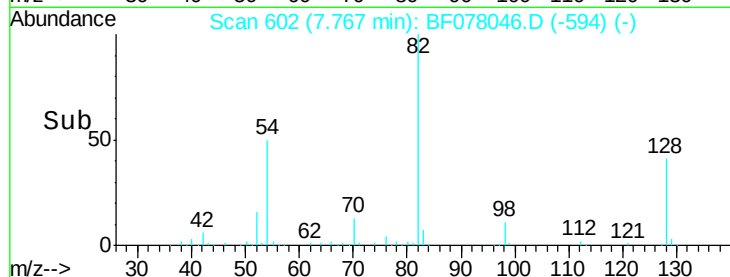
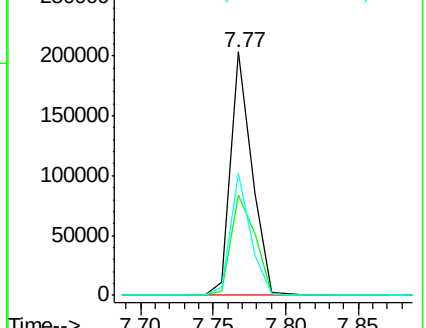
54 50.1 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BF077684.D (-607) (-)

Ion 128.00 (127.70 to 128.70): BF077684.D (-607) (-)

Ion 54.00 (53.70 to 54.70): BF077684.D (-607) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.82 min Scan# 869

Delta R.T. -0.00 min

Lab File: BF078046.D

Acq: 27 Mar 2015 19:45

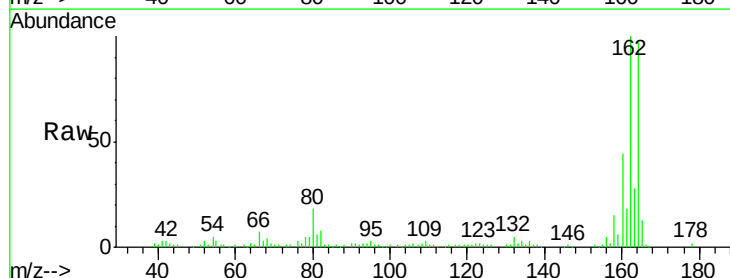
Tgt Ion: 164 Resp: 77284

Ion Ratio Lower Upper

164 100

162 103.0 82.4 123.6

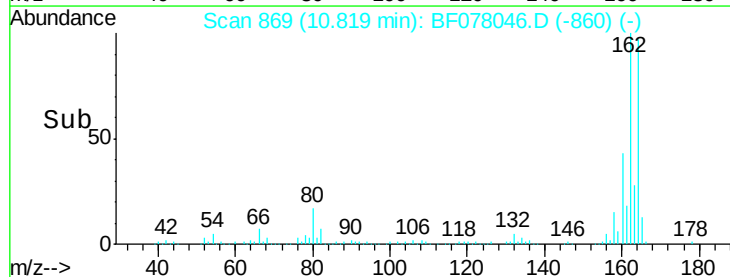
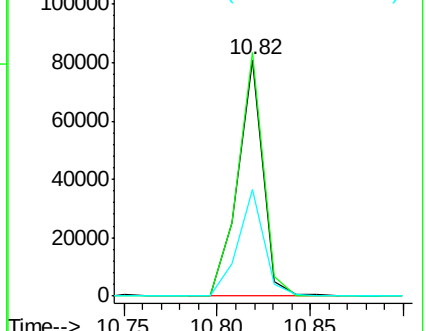
160 44.9 35.8 53.6

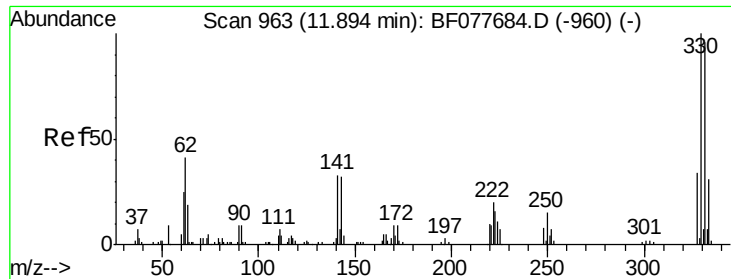


Abundance Ion 164.00 (163.70 to 164.70): BF077684.D (-874) (-)

Ion 162.00 (161.70 to 162.70): BF077684.D (-874) (-)

Ion 160.00 (159.70 to 160.70): BF077684.D (-874) (-)

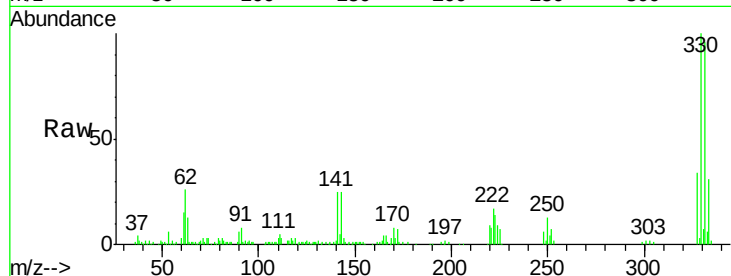




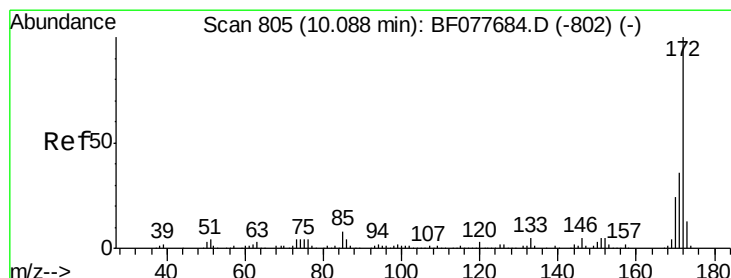
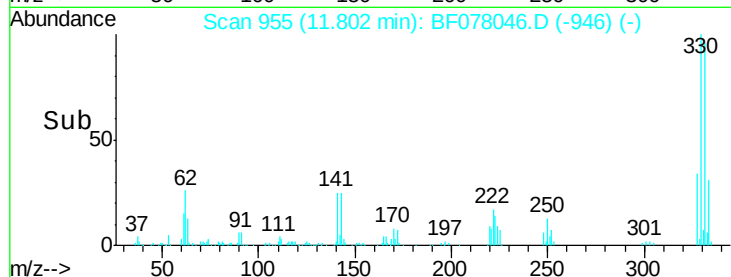
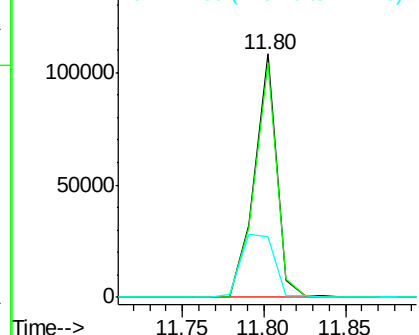
#41
 2,4,6-Tribromophenol
 Concen: 139.15 ng
 RT: 11.80 min Scan# 955
 Delta R.T. -0.00 min
 Lab File: BF078046.D
 Acq: 27 Mar 2015 19:45

Instrument :
 BNA_F
 ClientSampleId :
 LIP-22-3-25-15

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	39.5	0.0	0.0#

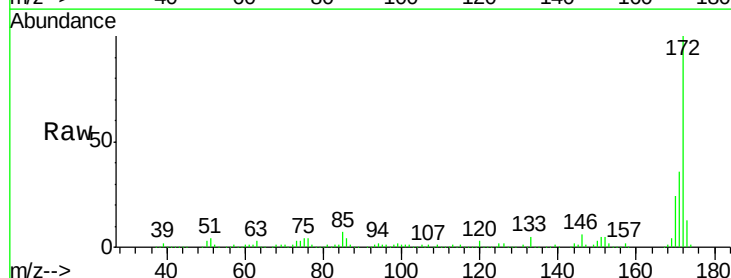


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

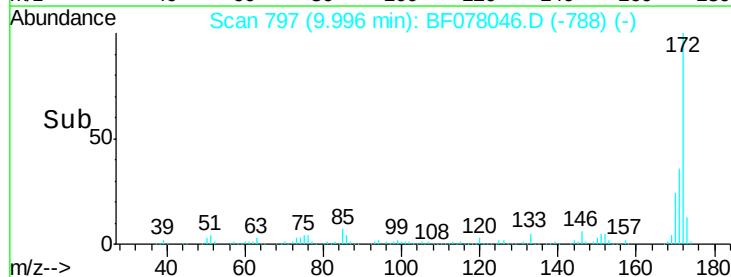
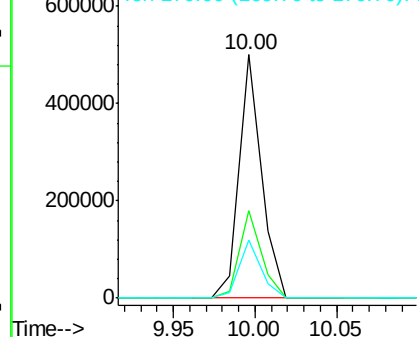


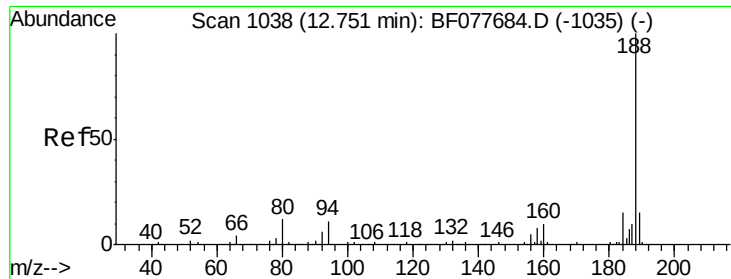
#44
 2-Fluorobiphenyl
 Concen: 89.43 ng
 RT: 10.00 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF078046.D
 Acq: 27 Mar 2015 19:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	23.6	18.8	28.2



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

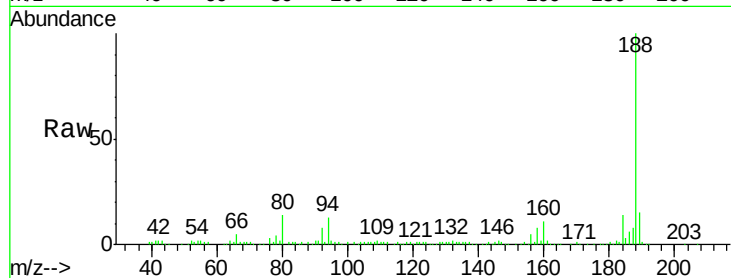




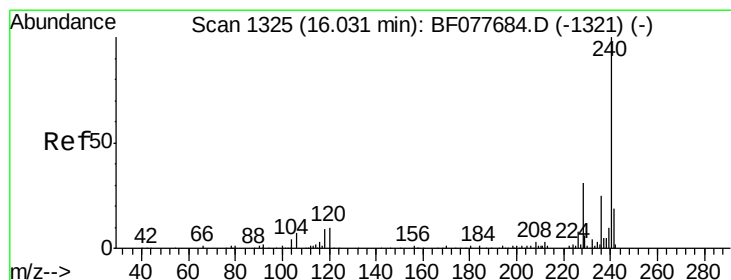
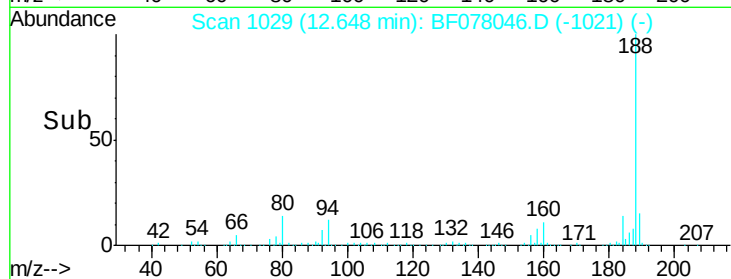
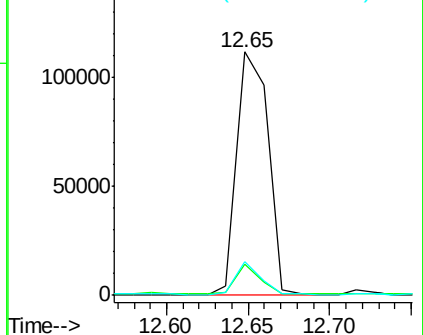
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.65 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF078046.D
Acq: 27 Mar 2015 19:45

Instrument :
BNA_F
ClientSampleId :
LIP-22-3-25-15

Tgt Ion:188 Resp: 148281
Ion Ratio Lower Upper
188 100
94 12.6 8.7 13.1
80 14.0 9.3 13.9#

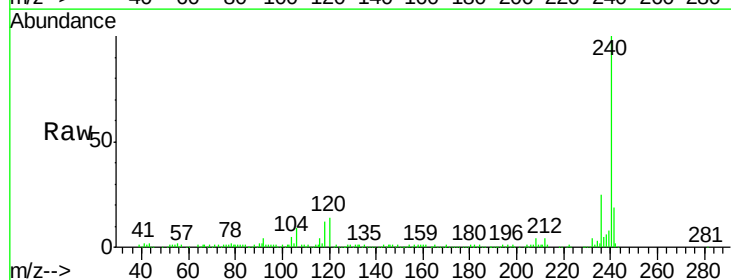


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

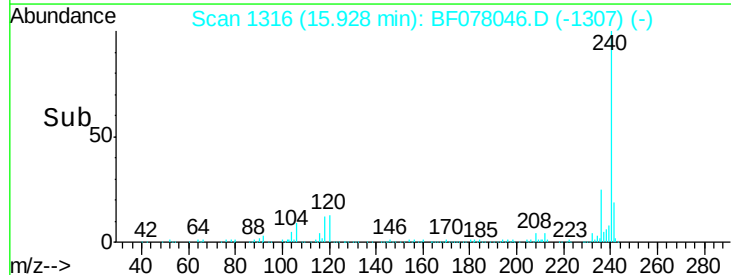
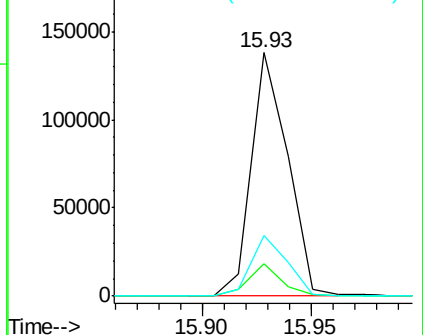


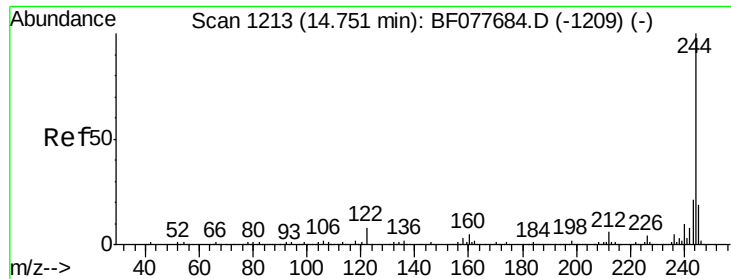
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.93 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF078046.D
Acq: 27 Mar 2015 19:45

Tgt Ion:240 Resp: 161115
Ion Ratio Lower Upper
240 100
120 13.6 8.2 12.2#
236 24.8 20.0 30.0



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

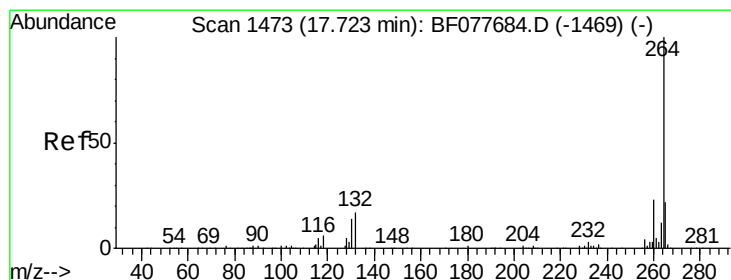
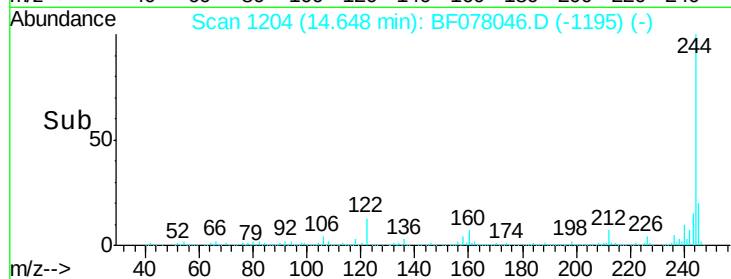
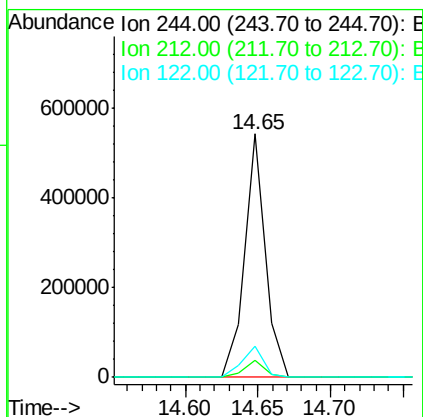
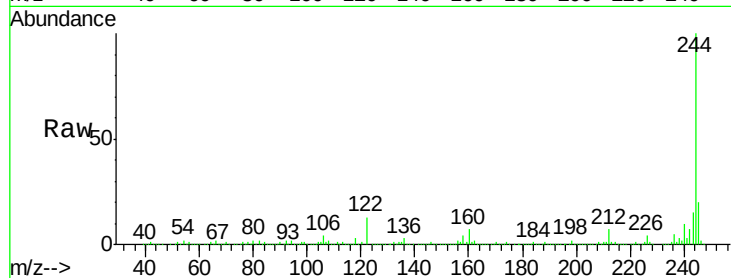




#78
 Terphenyl-d14
 Concen: 81.75 ng
 RT: 14.65 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF078046.D
 Acq: 27 Mar 2015 19:45

Instrument :
 BNA_F
 ClientSampleId :
 LIP-22-3-25-15

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	4.9	7.3
122	12.7	6.2	9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.67 min Scan# 1468
 Delta R.T. 0.05 min
 Lab File: BF078046.D
 Acq: 27 Mar 2015 19:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	21.3	17.3	25.9

