

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 06:19:16 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 05:39:24 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	158306	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

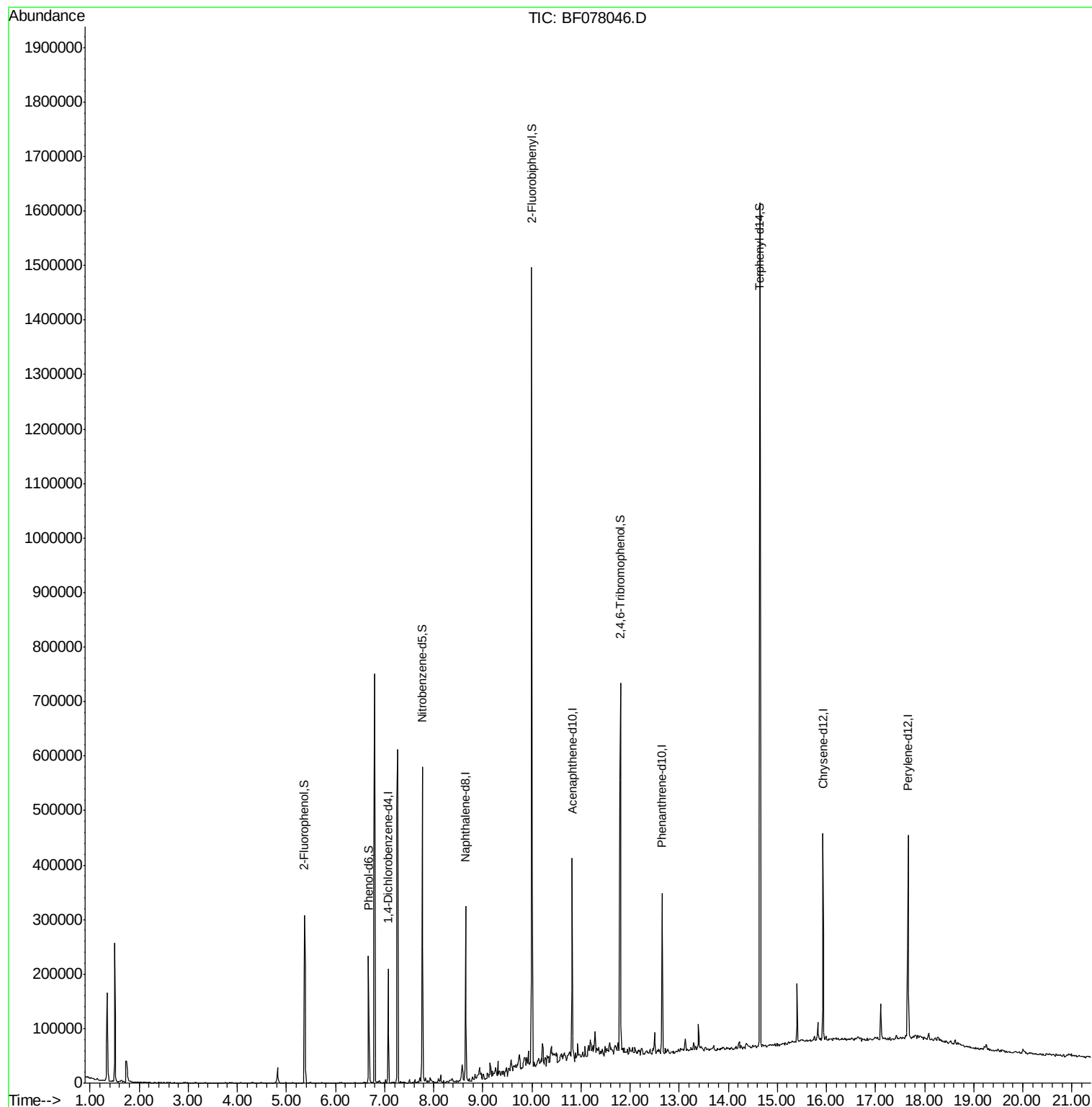
Target Compounds Qvalue

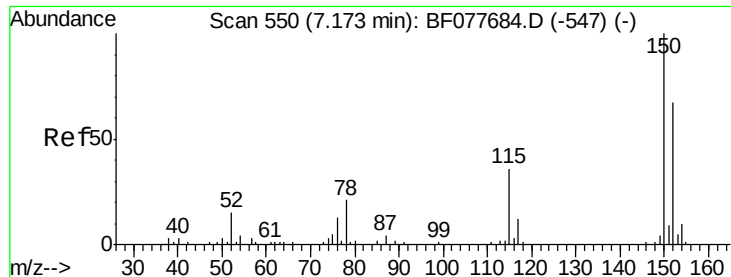
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

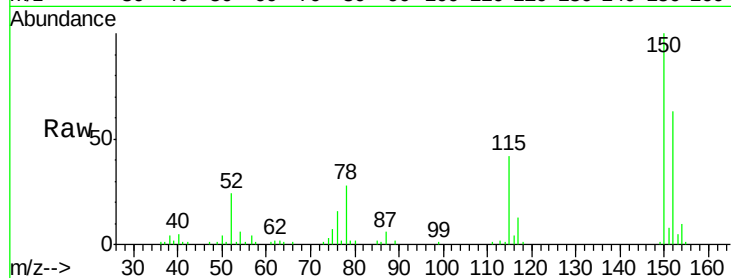
Tot Ion:152 Resp: 36526

Ion Ratio Lower Upper

152 100

150 159.6 119.5 179.3

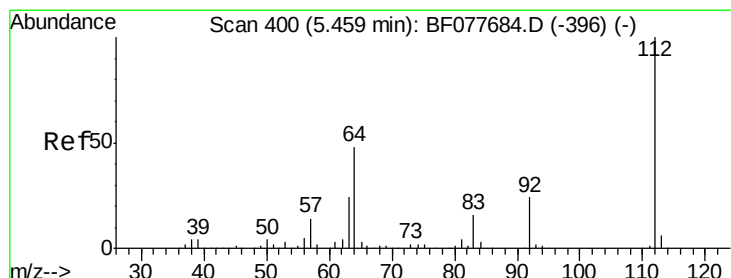
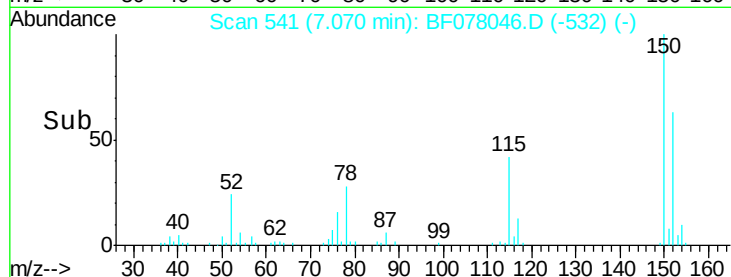
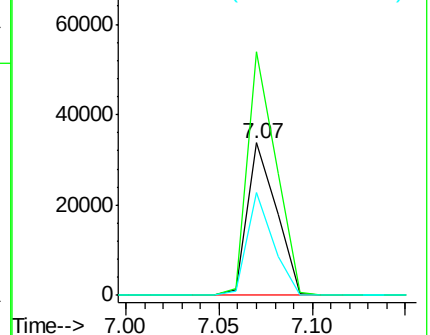
115 67.4 43.0 64.4#



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: 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

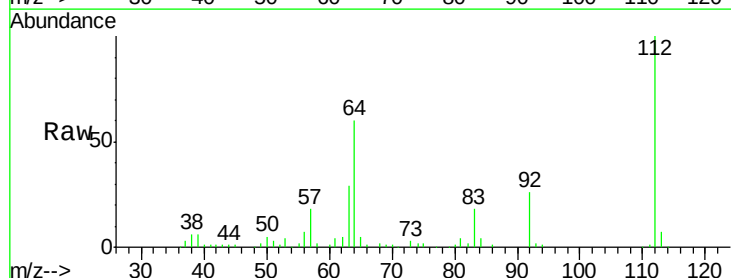
Tgt Ion:112 Resp: 122299

Ion Ratio Lower Upper

112 100

64 60.4 38.6 57.8#

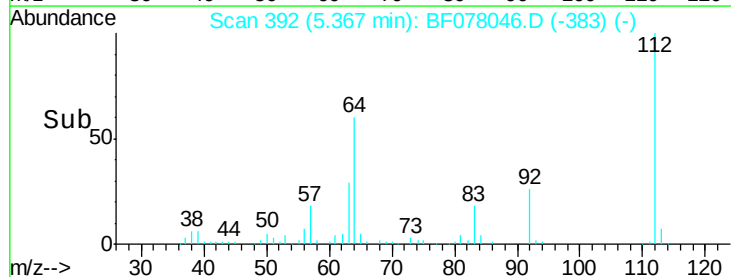
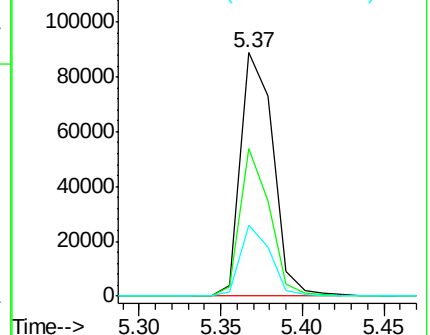
63 29.2 19.3 28.9#

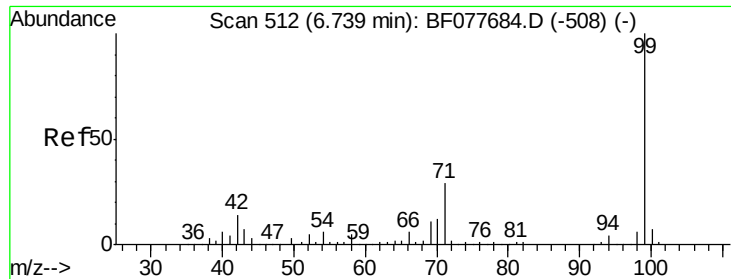


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 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 :

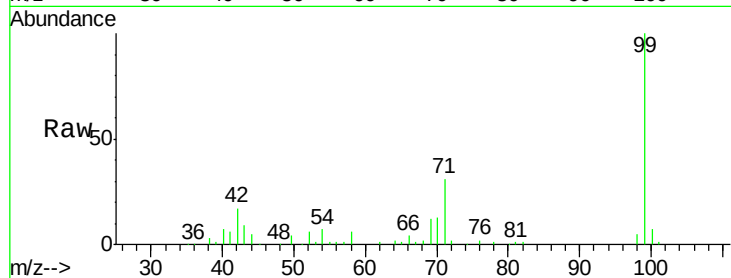
BNA_F

ClientSampleId :

LIP-22-3-25-15

Tot Ion: 99 Resp: 97005

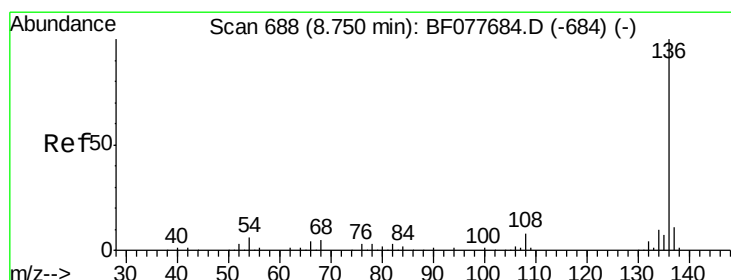
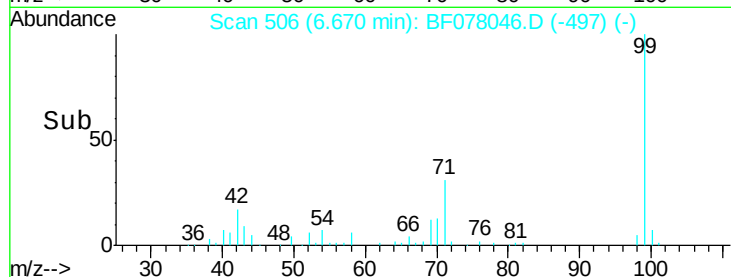
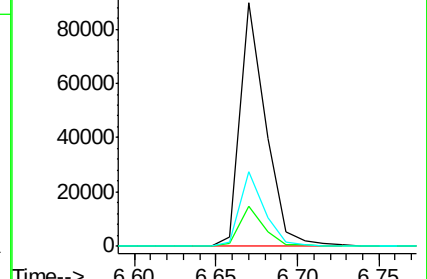
Ion	Ratio	Lower	Upper
99	100		
42	16.6	11.0	16.4#
71	30.8	23.4	35.2



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

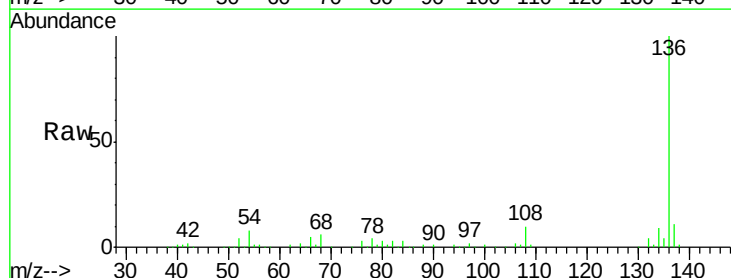
Delta R.T. -0.00 min

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#

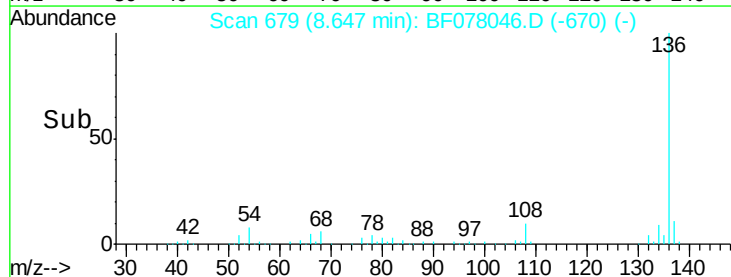
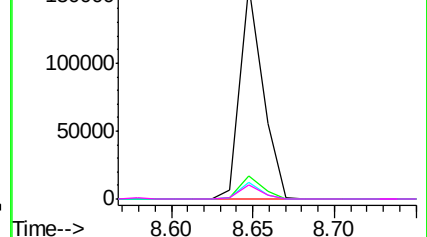


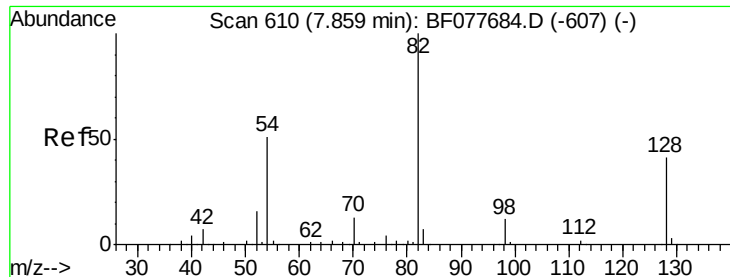
Abundance Ion 136.00 (135.70 to 136.70): E

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

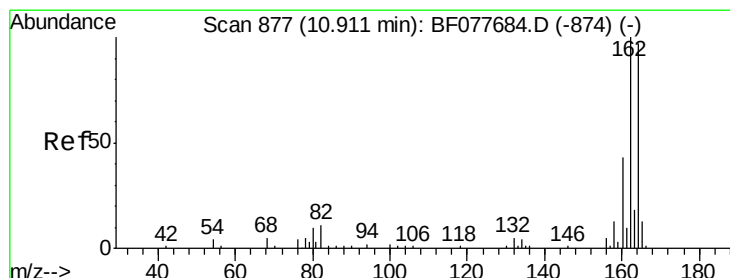
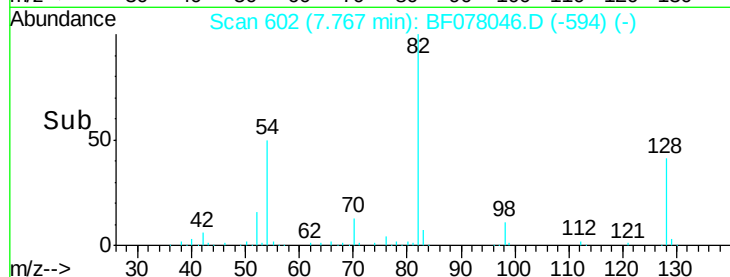
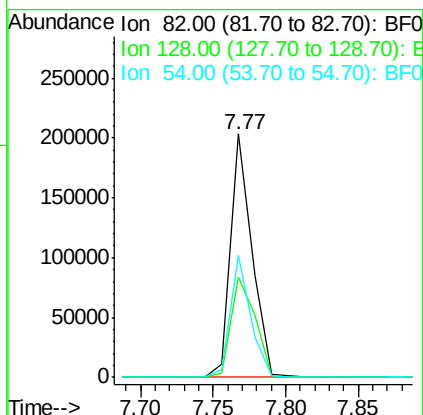
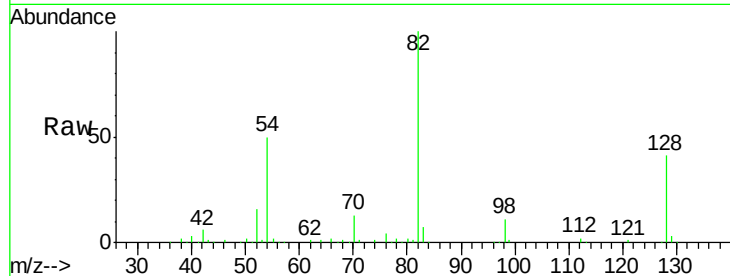




#23
Nitrobenzene-d5
Concen: 89.97 ng
RT: 7.77 min Scan# 602
Delta R.T. -0.01 min
Lab File: BF078046.D
Acq: 27 Mar 2015 19:45

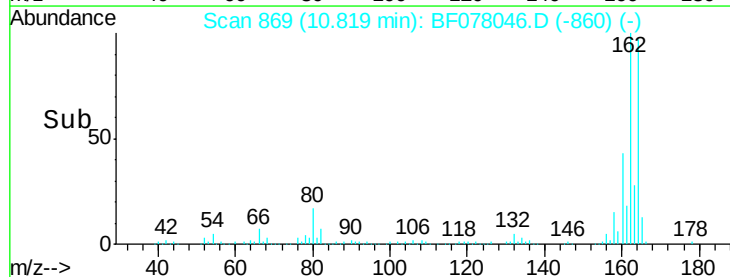
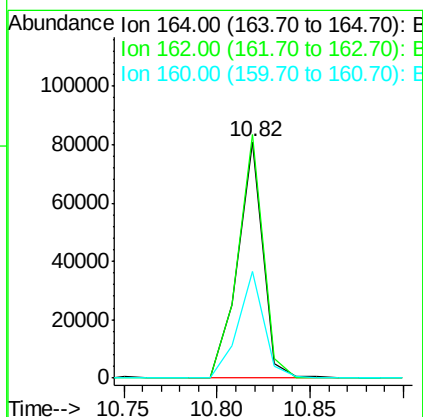
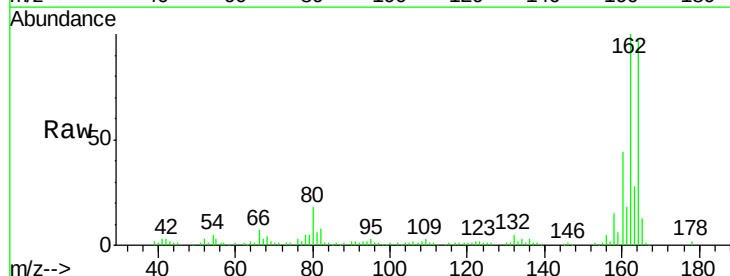
Instrument :
BNA_F
ClientSampleId :
LIP-22-3-25-15

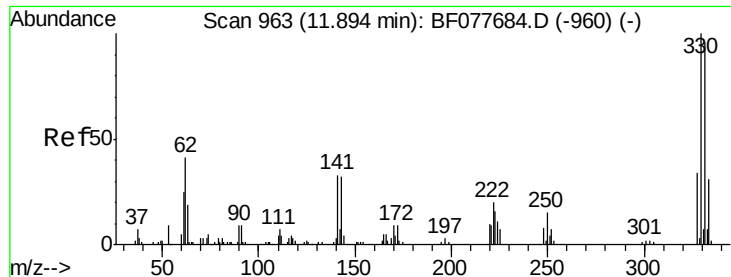
Tot Ion: 82 Resp: 208150
Ion Ratio Lower Upper
82 100
128 41.2 32.8 49.2
54 50.1 40.6 60.8



#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

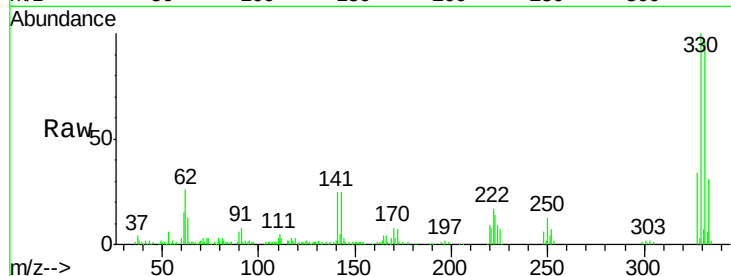




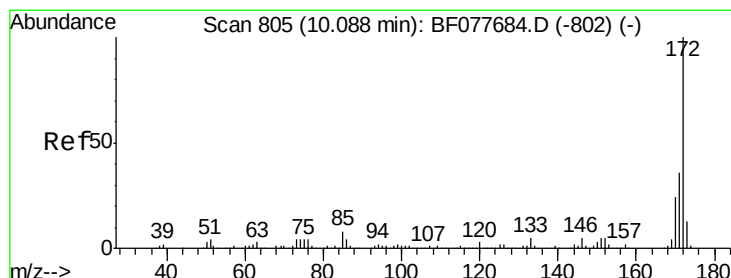
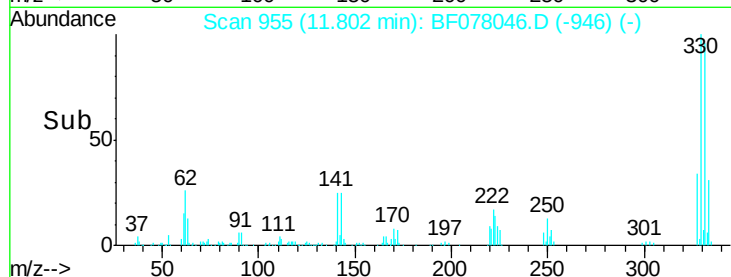
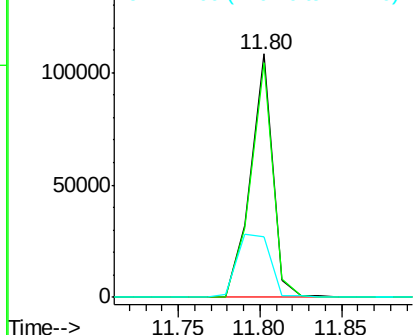
#41
 2,4,6-Tribromophenol
 Concen: 139.15 ng
 RT: 11.80 min Scan# 955
 Delta R.T. -0.00 min
 Lab File: BF078046.D
 Acq: 27 Mar 2015 19:45

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

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

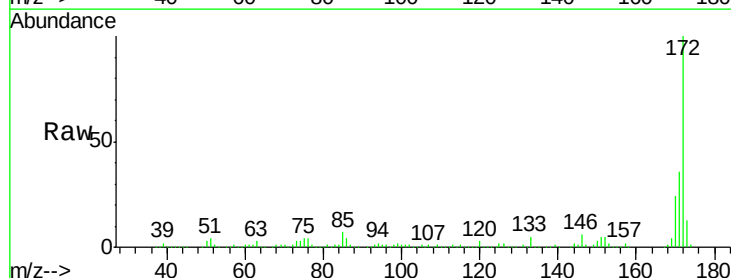


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

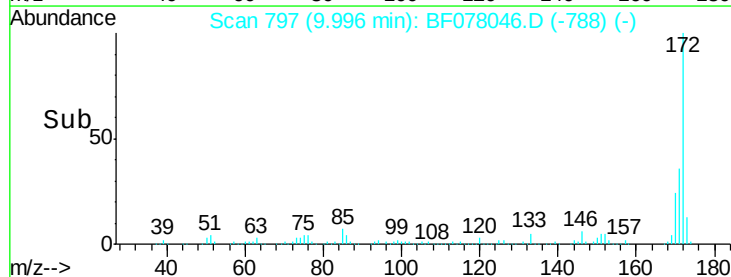
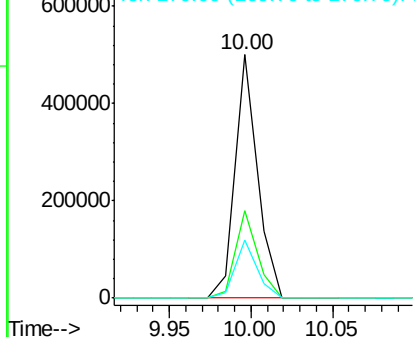


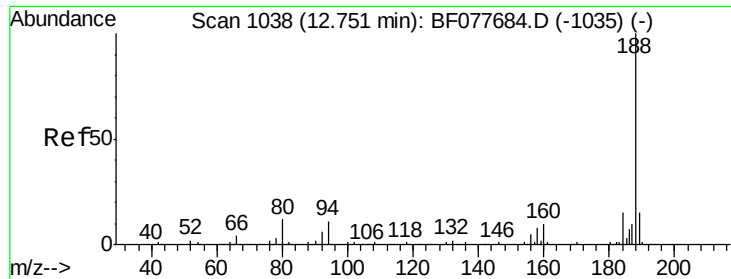
#44
 2-Fluorobiphenyl
 Concen: 89.43 ng
 RT: 10.00 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF078046.D
 Acq: 27 Mar 2015 19:45

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

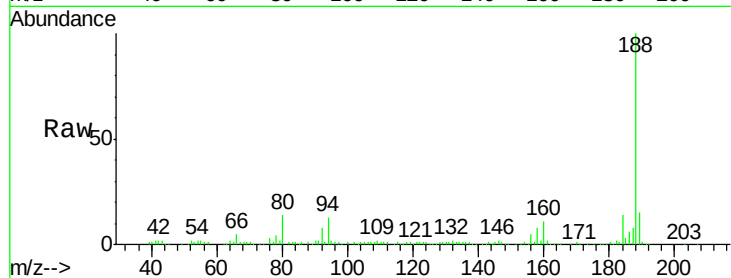




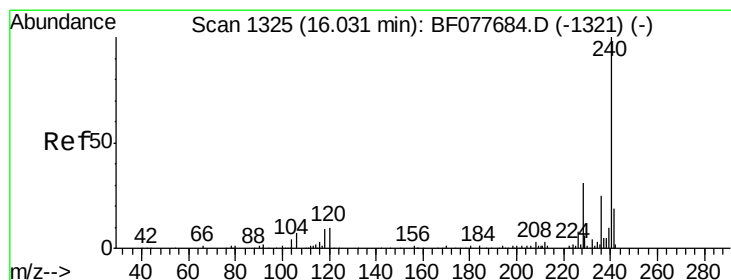
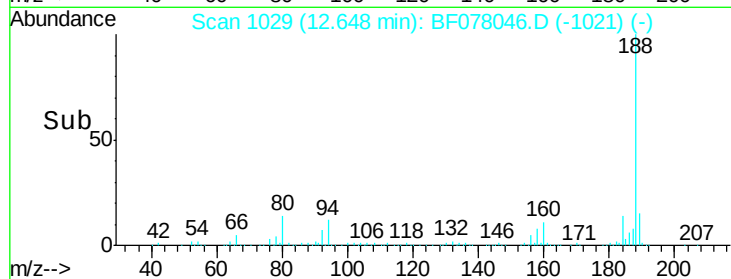
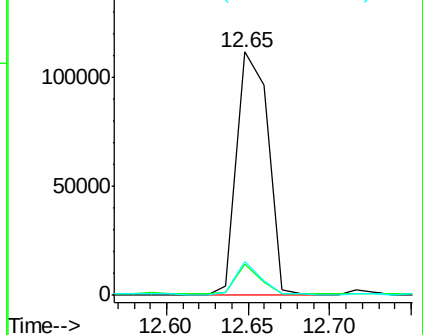
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.65 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF078046.D
Acq: 27 Mar 2015 19:45

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

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

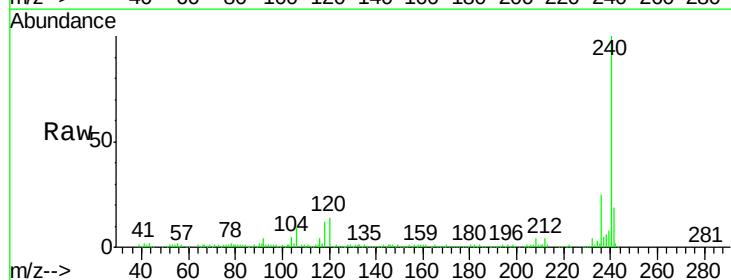


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

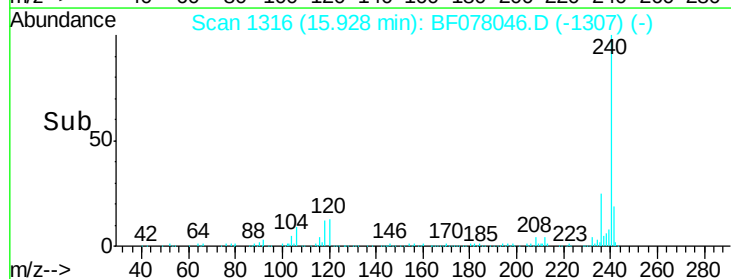
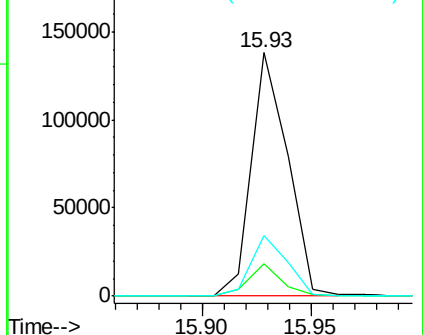


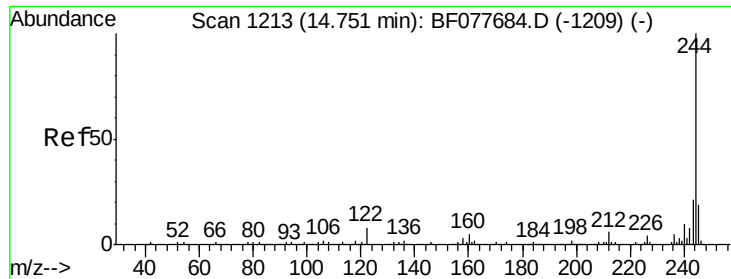
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.93 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF078046.D
Acq: 27 Mar 2015 19:45

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

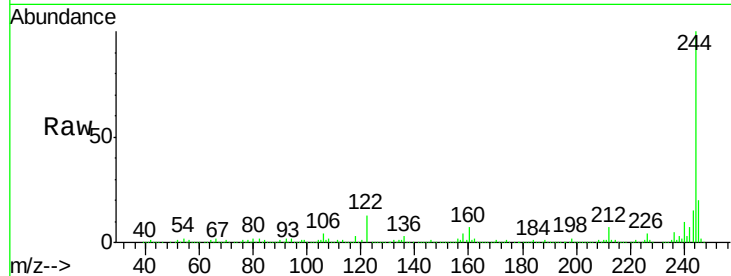
Tot Ion:244 Resp: 539232

Ion Ratio Lower Upper

244 100

212 7.0 4.9 7.3

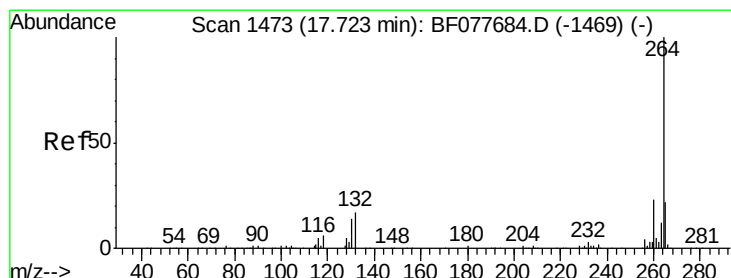
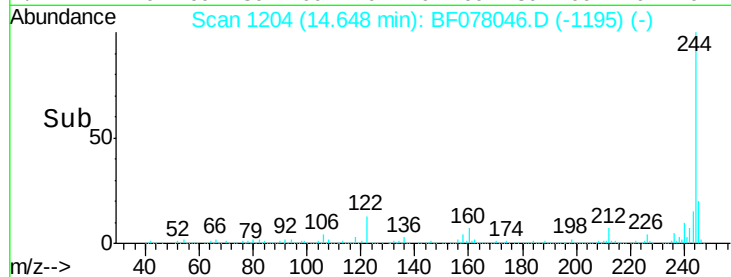
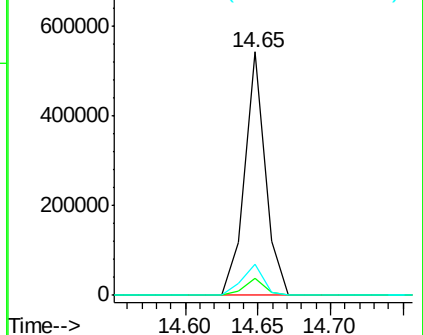
122 12.7 6.2 9.4#



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: 17.67 min Scan# 1468

Delta R.T. 0.05 min

Lab File: BF078046.D

Acq: 27 Mar 2015 19:45

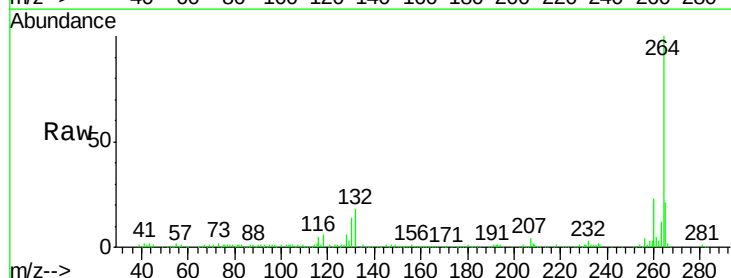
Tgt Ion:264 Resp: 158306

Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

265 21.3 17.3 25.9



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

