

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010815\
 Data File : BF076778.D
 Acq On : 8 Jan 2015 16:22
 Operator : IZ / TP
 Sample : G1020-01
 Misc : W DOD
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0405

Quant Time: Jan 09 00:51:31 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121714.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 08 09:08:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	39102	20.00	ng	-0.01
21) Naphthalene-d8	11.04	136	171632	20.00	ng	0.00
38) Acenaphthene-d10	15.18	164	98421	20.00	ng	-0.01
63) Phenanthrene-d10	17.90	188	161018	20.00	ng	0.00
75) Chrysene-d12	21.39	240	151385	20.00	ng	-0.01
86) Perylene-d12	23.08	264	135504	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	126338	54.78	ng	-0.01
7) Phenol-d6	7.51	99	99211	35.22	ng	-0.01
23) Nitrobenzene-d5	9.43	82	229092	79.38	ng	0.00
41) 2,4,6-Tribromophenol	16.81	330	95674	115.02	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	474611	75.04	ng	-0.01
78) Terphenyl-d14	20.12	244	504178	73.46	ng	0.00

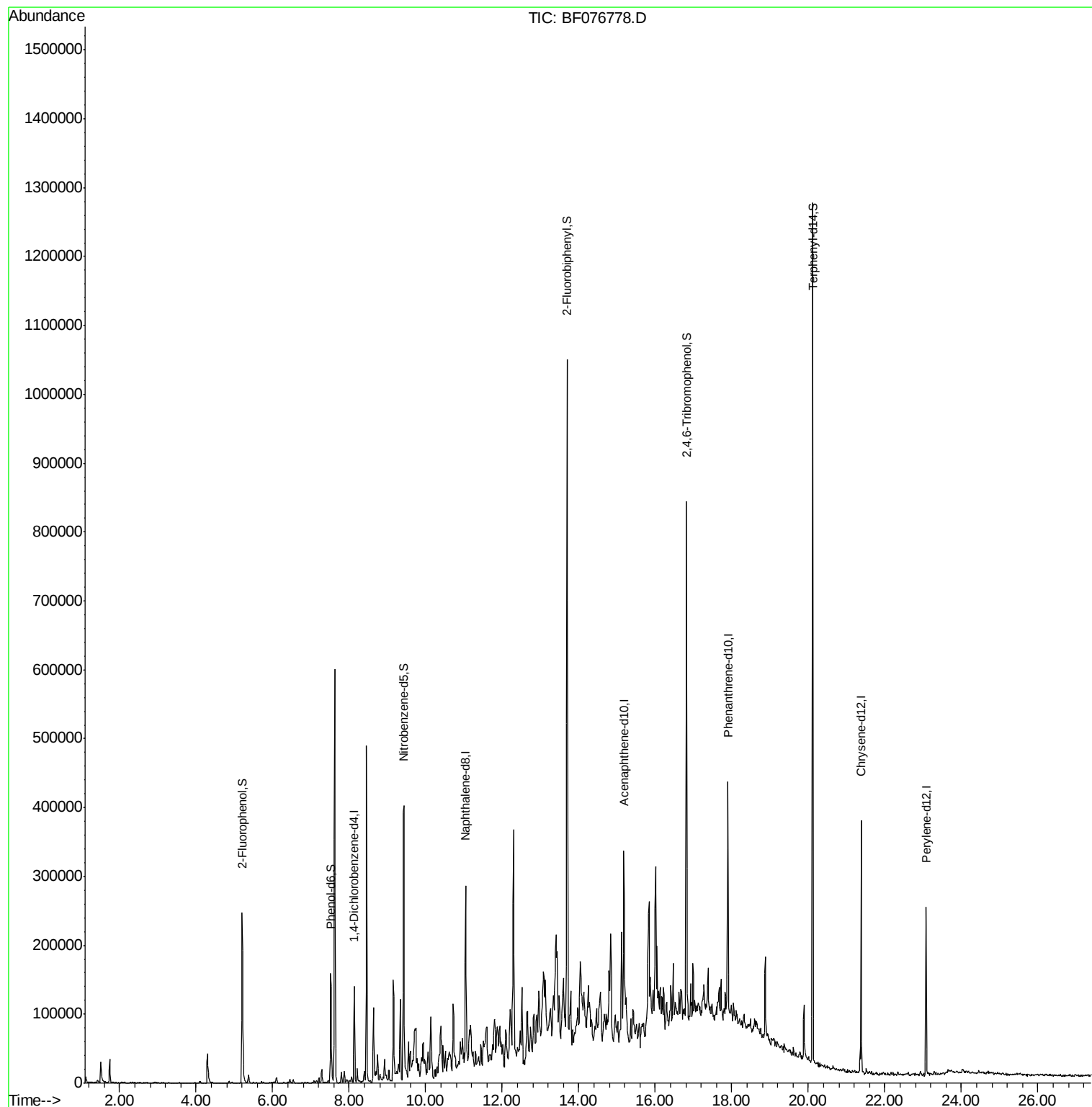
Target Compounds	Qvalue
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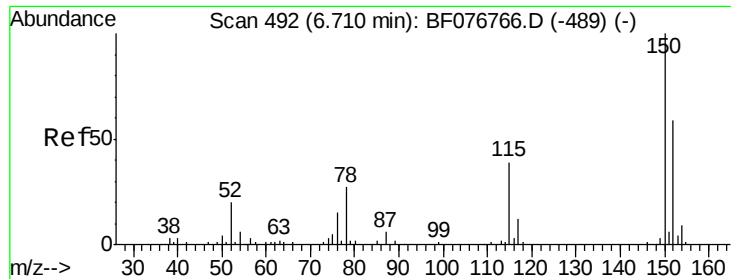
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.13 min Scan# 616

Delta R.T. -0.01 min

Lab File: BF076778.D

Acq: 8 Jan 2015 16:22

Instrument :

BNA_F

ClientSampleId :

S8-0405

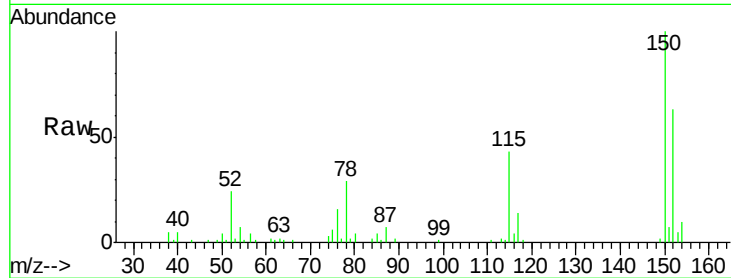
Tgt Ion:152 Resp: 39102

Ion Ratio Lower Upper

152 100

150 157.6 125.2 187.8

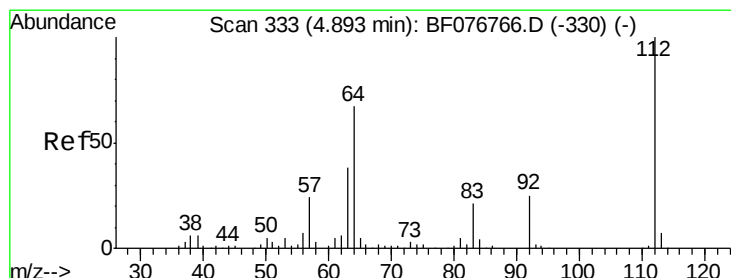
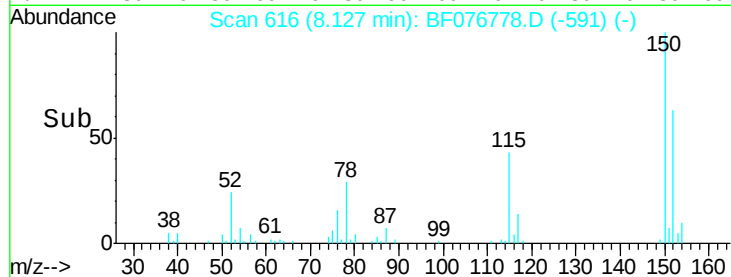
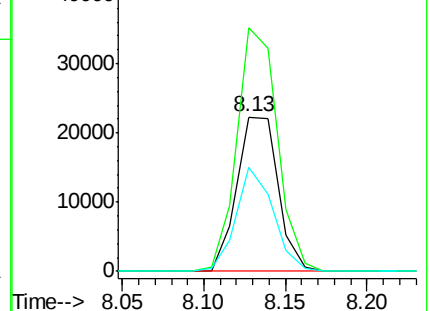
115 67.4 51.4 77.0



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: 54.78 ng

RT: 5.20 min Scan# 360

Delta R.T. -0.01 min

Lab File: BF076778.D

Acq: 8 Jan 2015 16:22

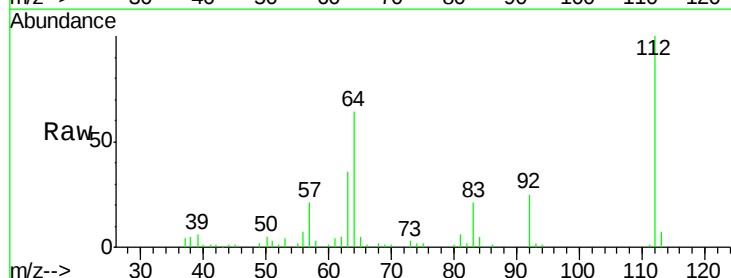
Tgt Ion:112 Resp: 126338

Ion Ratio Lower Upper

112 100

64 64.4 47.4 71.0

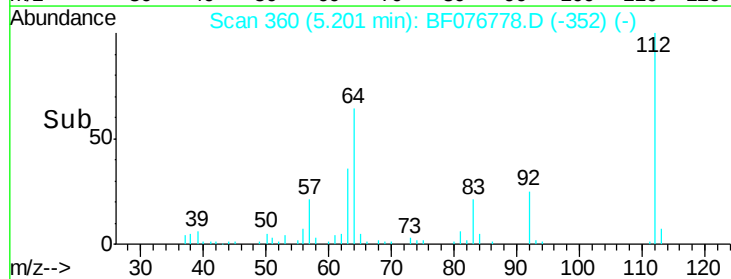
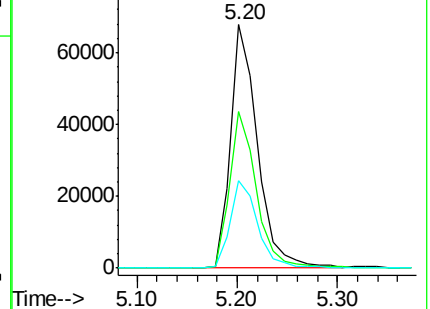
63 35.7 25.0 37.4

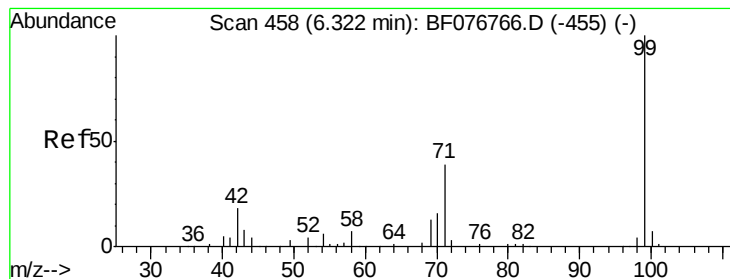


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 35.22 ng

RT: 7.51 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF076778.D

Acq: 8 Jan 2015 16:22

Instrument :

BNA_F

ClientSampleId :

S8-0405

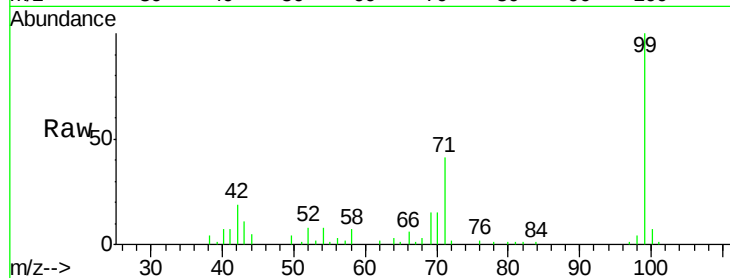
Tgt Ion: 99 Resp: 99211

Ion Ratio Lower Upper

99 100

42 19.2 11.6 17.4#

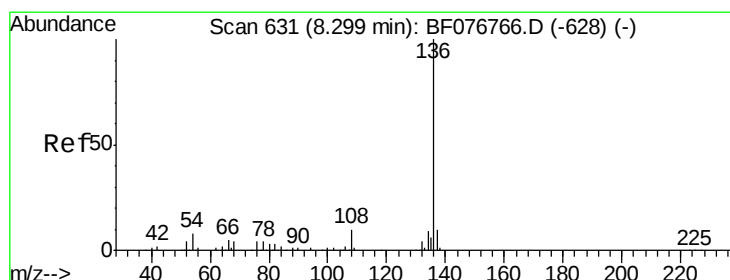
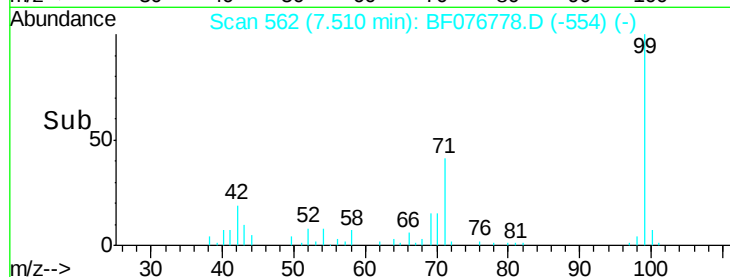
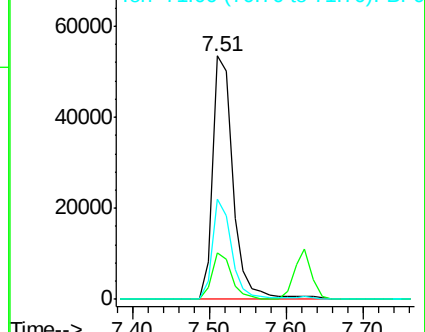
71 41.0 25.9 38.9#



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: 11.04 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF076778.D

Acq: 8 Jan 2015 16:22

Tgt Ion: 136 Resp: 171632

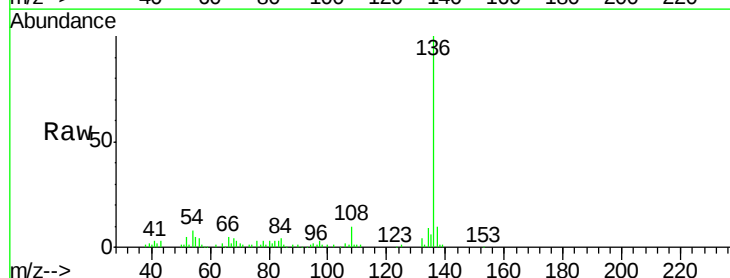
Ion Ratio Lower Upper

136 100

137 10.1 8.4 12.6

54 7.6 7.8 11.6#

68 4.3 3.4 5.2

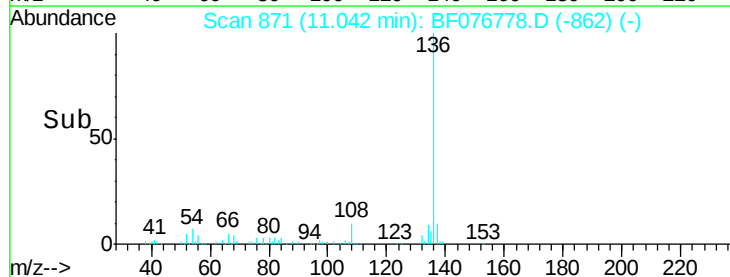
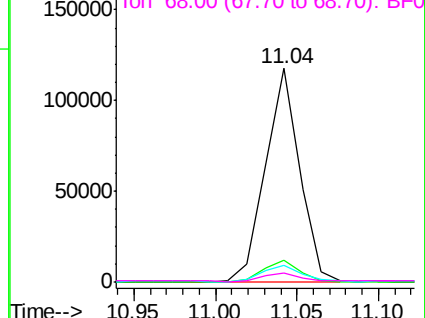


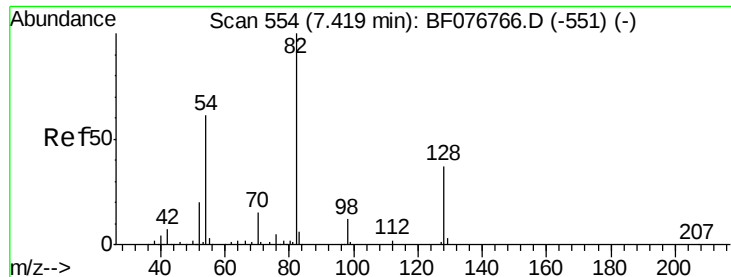
Abundance Ion 136.00 (135.70 to 136.70): E

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

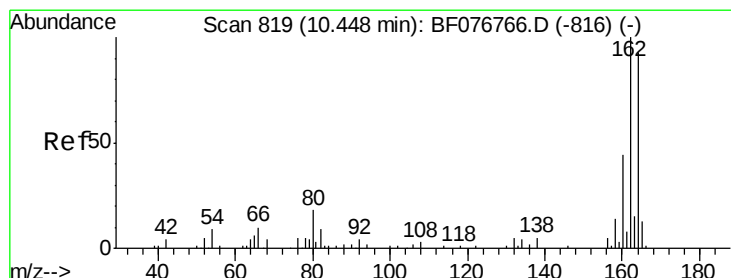
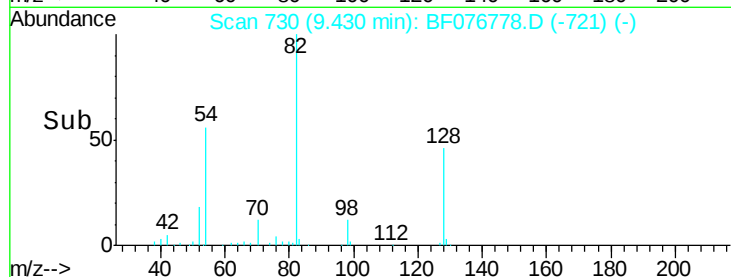
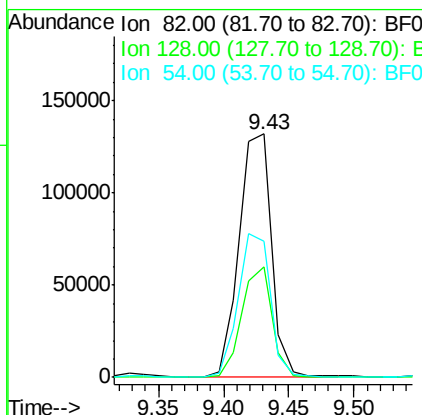
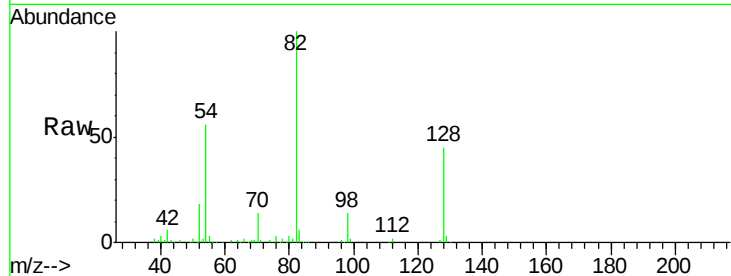




#23
 Nitrobenzene-d5
 Concen: 79.38 ng
 RT: 9.43 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: BF076778.D
 Acq: 8 Jan 2015 16:22

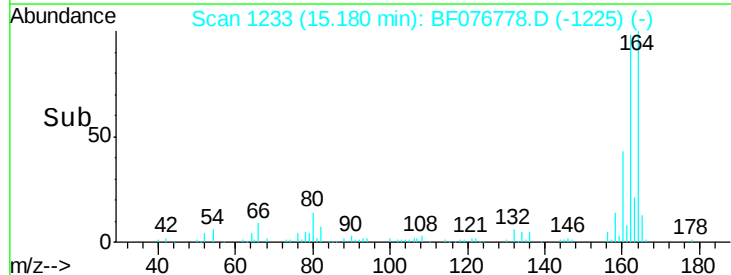
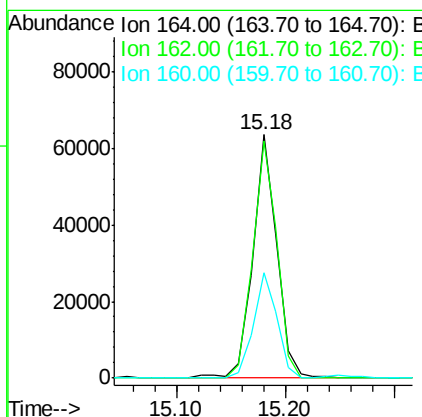
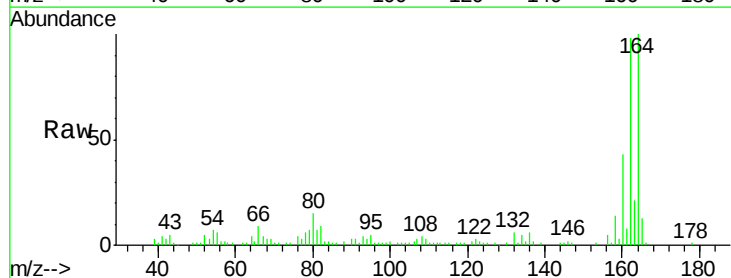
Instrument :
 BNA_F
 ClientSampleId :
 S8-0405

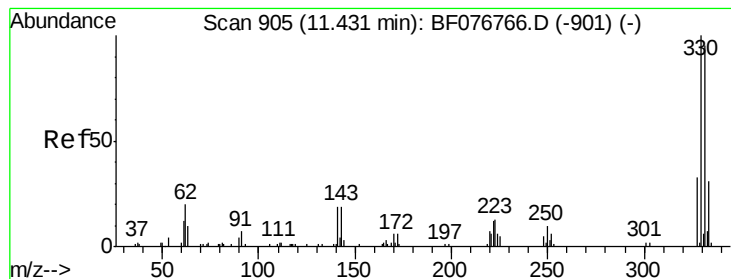
Tgt Ion: 82 Resp: 229092
 Ion Ratio Lower Upper
 82 100
 128 45.3 31.9 47.9
 54 55.7 47.2 70.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.18 min Scan# 1233
 Delta R.T. -0.01 min
 Lab File: BF076778.D
 Acq: 8 Jan 2015 16:22

Tgt Ion: 164 Resp: 98421
 Ion Ratio Lower Upper
 164 100
 162 97.6 84.2 126.2
 160 43.3 35.5 53.3





#41

2,4,6-Tribromophenol

Concen: 115.02 ng

RT: 16.81 min Scan# 1376

Delta R.T. -0.00 min

Lab File: BF076778.D

Acq: 8 Jan 2015 16:22

Instrument :

BNA_F

ClientSampleId :

S8-0405

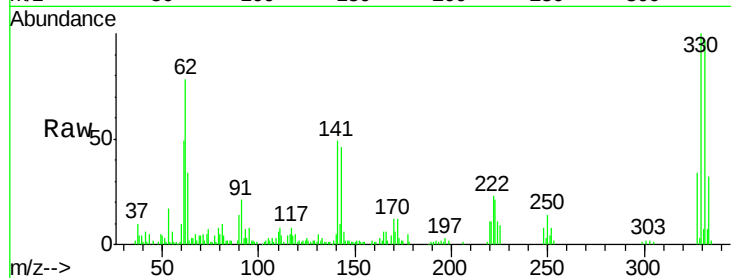
Tgt Ion:330 Resp: 95674

Ion Ratio Lower Upper

330 100

332 95.8 0.0 0.0#

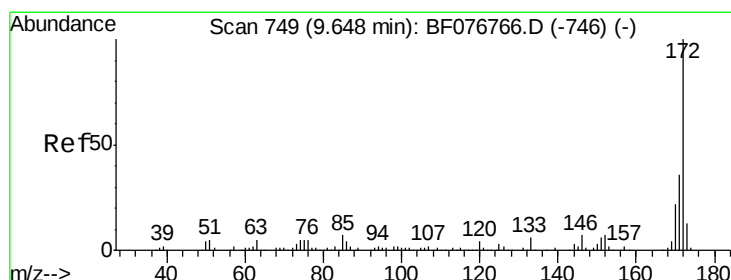
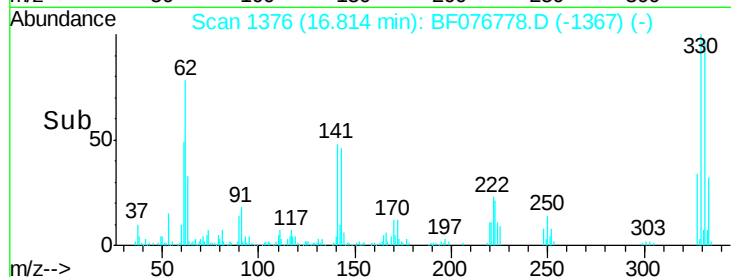
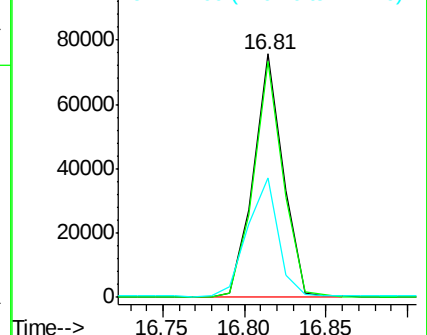
141 51.3 0.0 0.0#



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: 75.04 ng

RT: 13.69 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BF076778.D

Acq: 8 Jan 2015 16:22

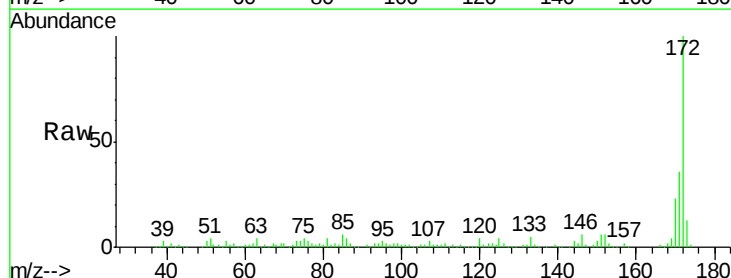
Tgt Ion:172 Resp: 474611

Ion Ratio Lower Upper

172 100

171 36.1 27.8 41.8

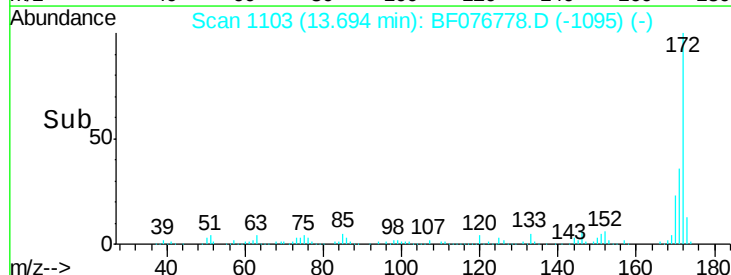
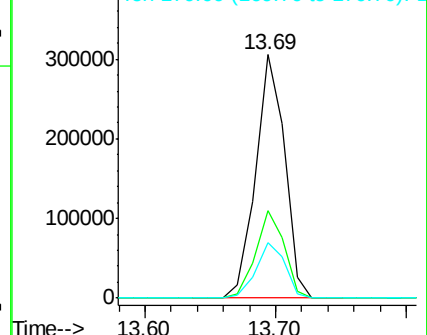
170 22.9 19.0 28.4

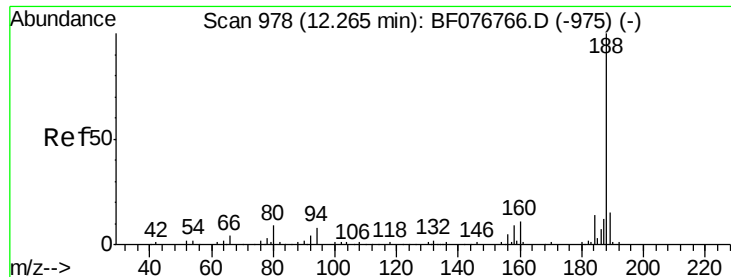


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.90 min Scan# 1471

Delta R.T. -0.00 min

Lab File: BF076778.D

Acq: 8 Jan 2015 16:22

Instrument :

BNA_F

ClientSampleId :

S8-0405

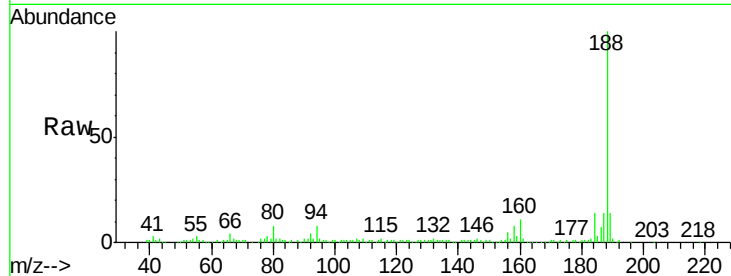
Tgt Ion:188 Resp: 161018

Ion Ratio Lower Upper

188 100

94 7.7 7.9 11.9#

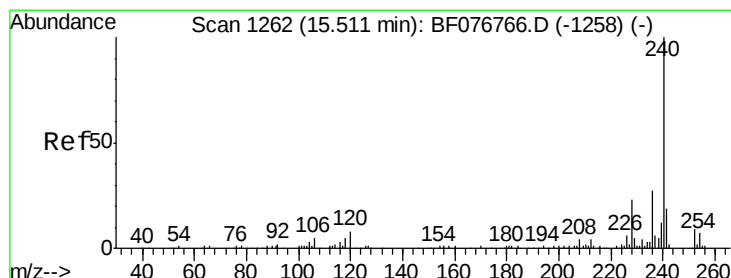
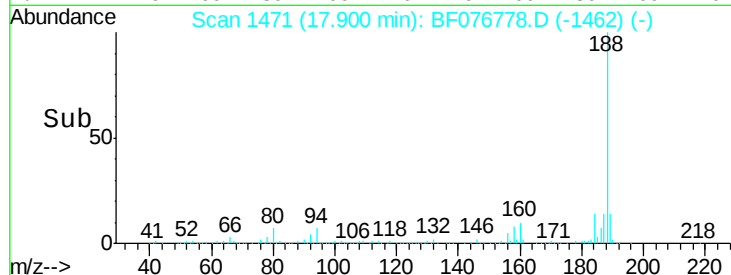
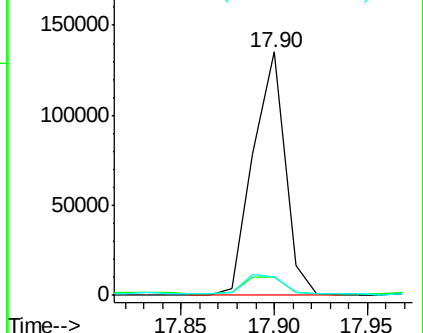
80 7.7 8.2 12.2#



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: 21.39 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BF076778.D

Acq: 8 Jan 2015 16:22

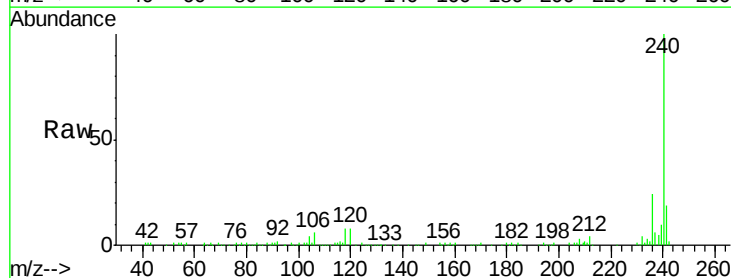
Tgt Ion:240 Resp: 151385

Ion Ratio Lower Upper

240 100

120 7.9 8.0 12.0#

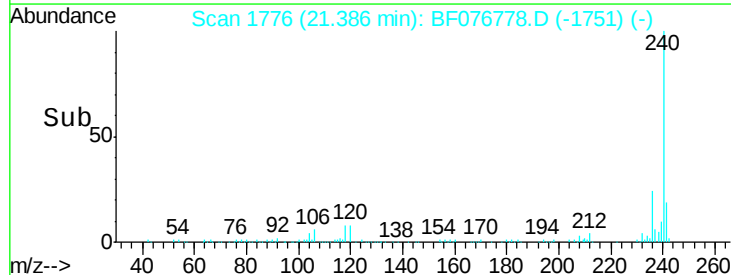
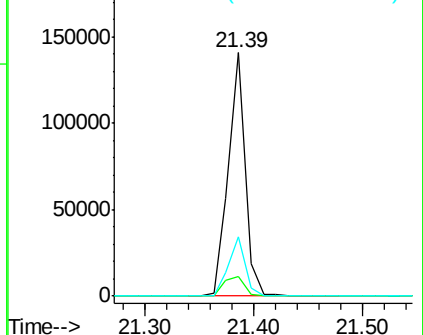
236 24.5 20.6 30.8

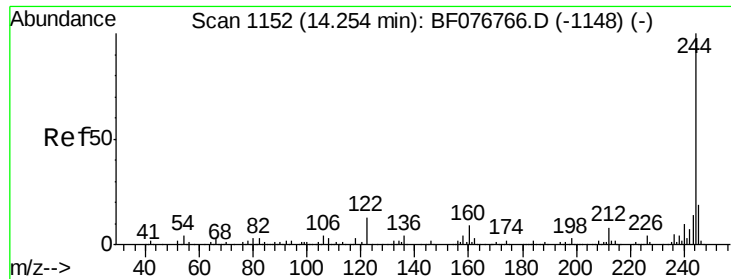


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

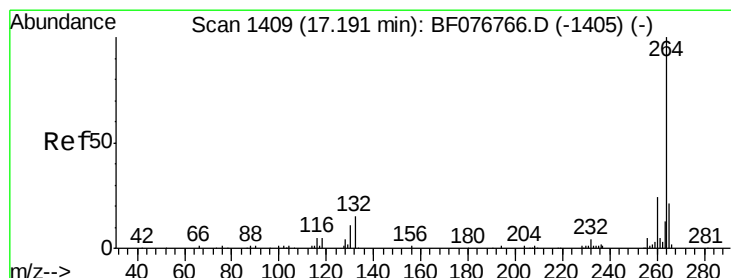
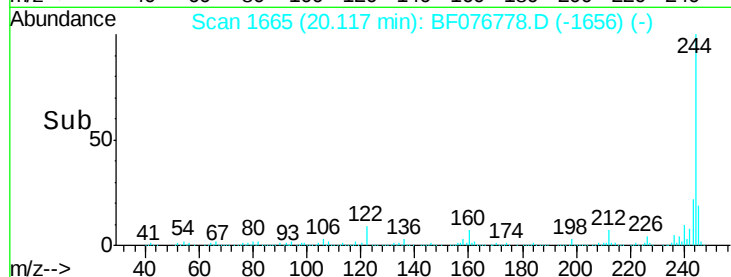
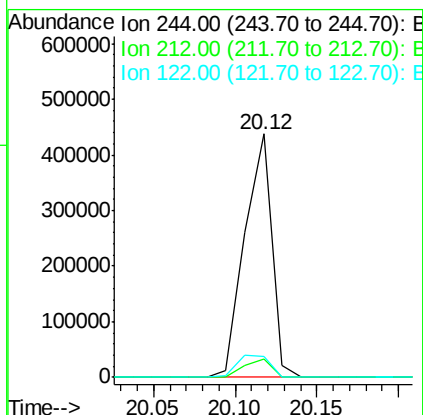
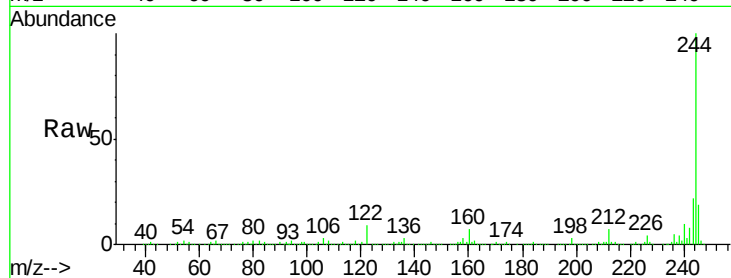




#78
 Terphenyl-d14
 Concen: 73.46 ng
 RT: 20.12 min Scan# 1665
 Delta R.T. -0.00 min
 Lab File: BF076778.D
 Acq: 8 Jan 2015 16:22

Instrument :
 BNA_F
 ClientSampleId :
 S8-0405

Tgt Ion: 244 Resp: 504178
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 8.7 8.2 12.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.08 min Scan# 1924
 Delta R.T. -0.03 min
 Lab File: BF076778.D
 Acq: 8 Jan 2015 16:22

Tgt Ion: 264 Resp: 135504
 Ion Ratio Lower Upper
 264 100
 260 22.2 19.4 29.2
 265 19.6 18.1 27.1

