

Data Path : Z:\HPCHEM1\BNA_F\Data\BF010715\
 Data File : BF076773.D
 Acq On : 7 Jan 2015 20:28
 Operator : IZ / TP
 Sample : PB81225BL
 Misc : S DOD
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81225BL

Quant Time: Jan 08 09:31:13 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	8.14	152	39229	20.00	ng	0.00
21) Naphthalene-d8	11.04	136	167497	20.00	ng	0.00
38) Acenaphthene-d10	15.18	164	93021	20.00	ng	-0.01
63) Phenanthrene-d10	17.90	188	166497	20.00	ng	0.00
75) Chrysene-d12	21.39	240	161861	20.00	ng	-0.01
86) Perylene-d12	23.11	264	146291	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	286376	123.76	ng	0.00
7) Phenol-d6	7.52	99	364908	129.12	ng	0.00
23) Nitrobenzene-d5	9.42	82	216357	76.82	ng	-0.01
41) 2,4,6-Tribromophenol	16.81	330	95666	121.68	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	450483	75.36	ng	-0.01
78) Terphenyl-d14	20.12	244	530576	72.31	ng	0.00

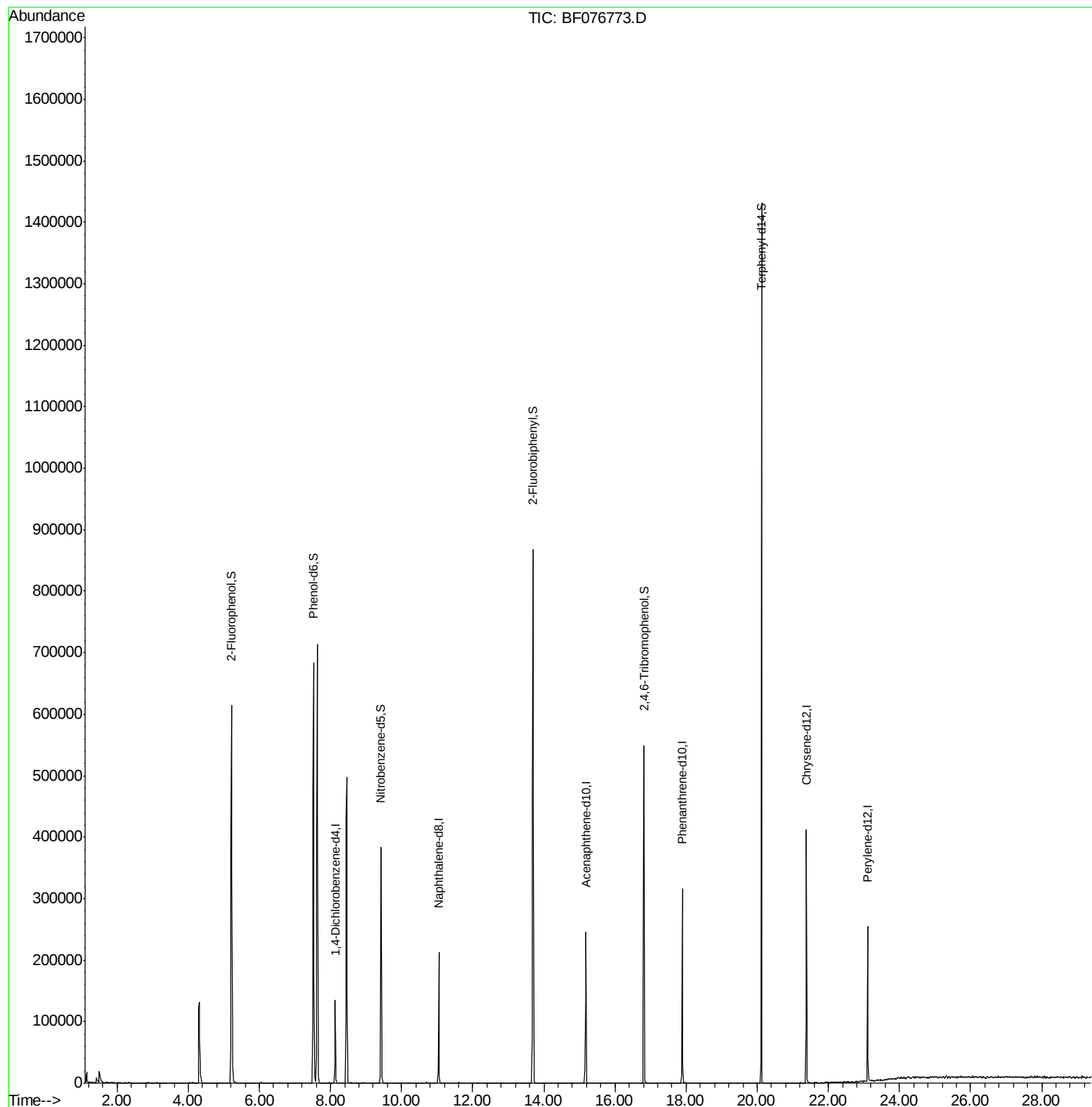
Target Compounds	Qvalue
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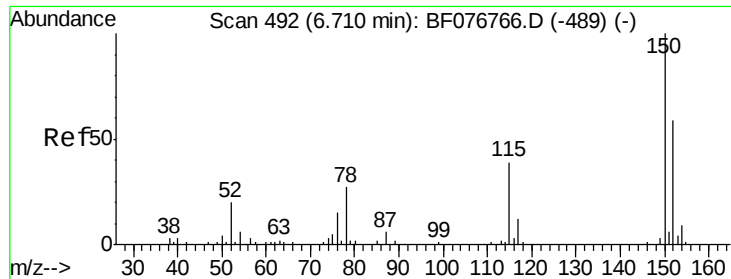
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.14 min Scan# 617

Delta R.T. 0.00 min

Lab File: BF076773.D

Acq: 7 Jan 2015 20:28

Instrument :

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ClientSampleId :

PB81225BL

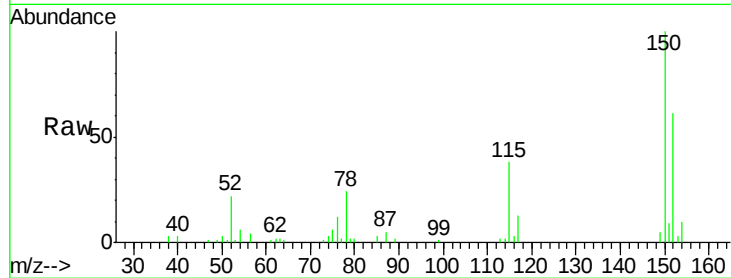
Tgt Ion:152 Resp: 39229

Ion Ratio Lower Upper

152 100

150 163.9 125.2 187.8

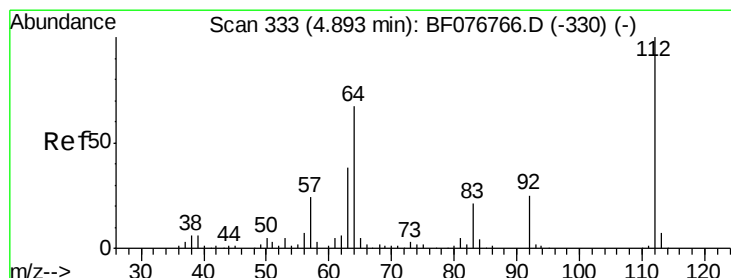
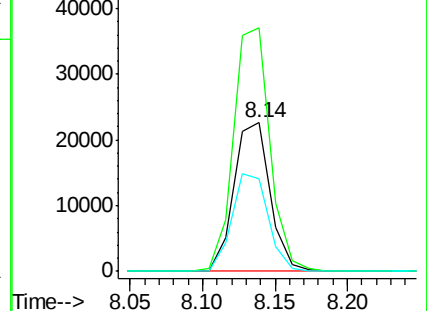
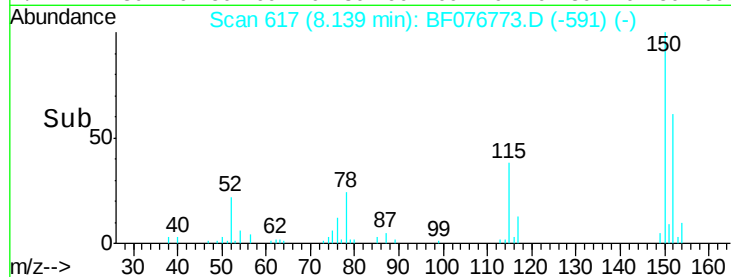
115 62.3 51.4 77.0



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: 123.76 ng

RT: 5.21 min Scan# 361

Delta R.T. 0.00 min

Lab File: BF076773.D

Acq: 7 Jan 2015 20:28

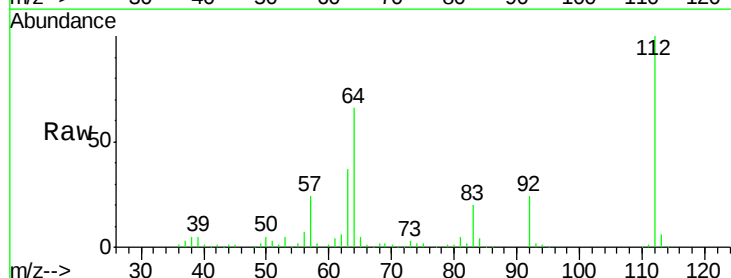
Tgt Ion:112 Resp: 286376

Ion Ratio Lower Upper

112 100

64 66.5 47.4 71.0

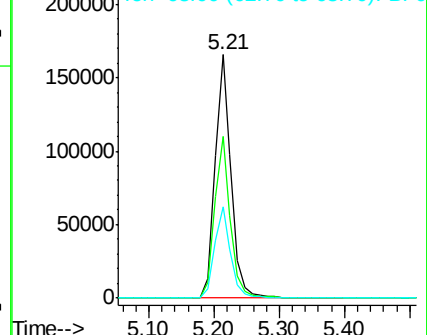
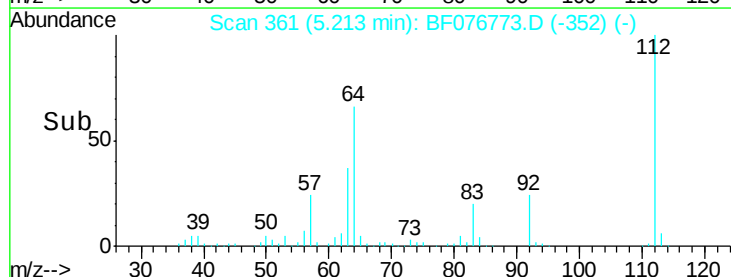
63 37.4 25.0 37.4

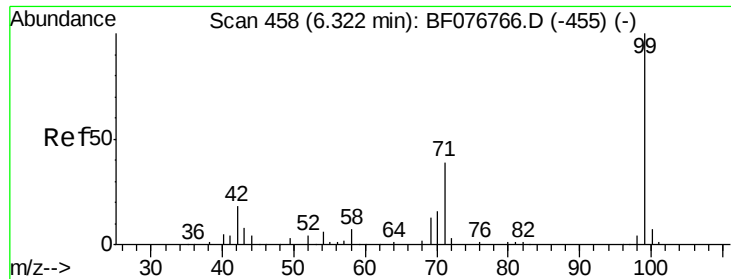


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 129.12 ng

RT: 7.52 min Scan# 563

Delta R.T. 0.00 min

Lab File: BF076773.D

Acq: 7 Jan 2015 20:28

Instrument :

BNA_F

ClientSampleId :

PB81225BL

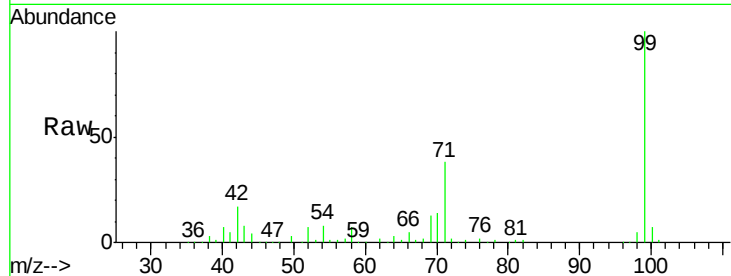
Tgt Ion: 99 Resp: 364908

Ion Ratio Lower Upper

99 100

42 17.2 11.6 17.4

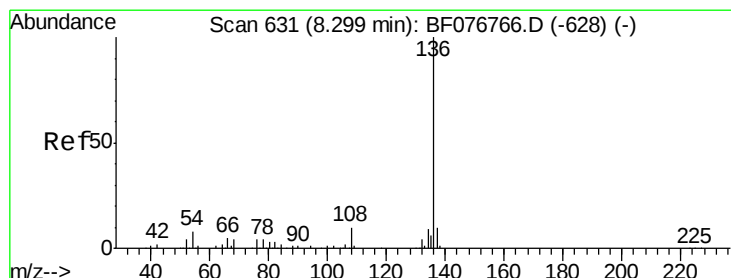
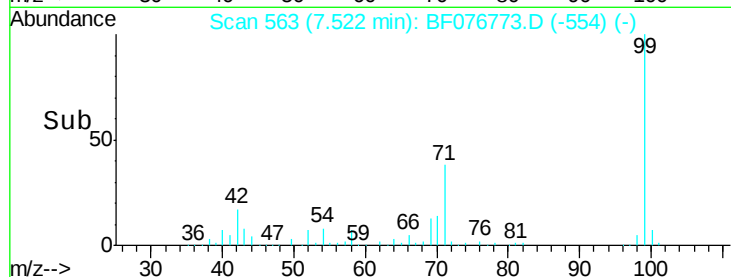
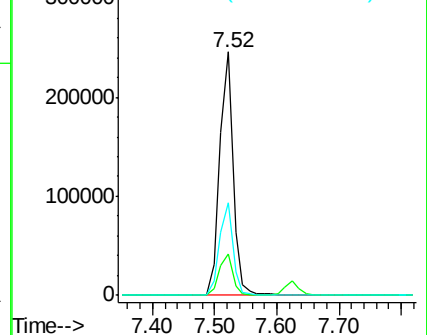
71 37.8 25.9 38.9



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: BF076773.D

Acq: 7 Jan 2015 20:28

Tgt Ion: 136 Resp: 167497

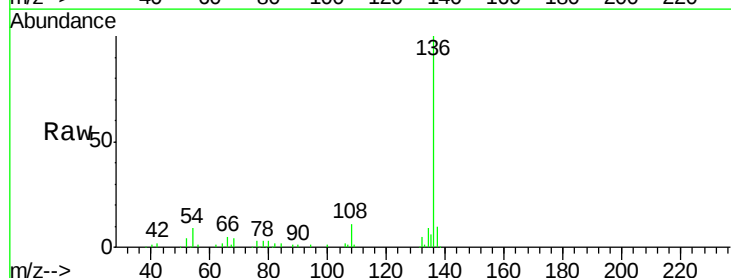
Ion Ratio Lower Upper

136 100

137 10.2 8.4 12.6

54 8.5 7.8 11.6

68 4.5 3.4 5.2

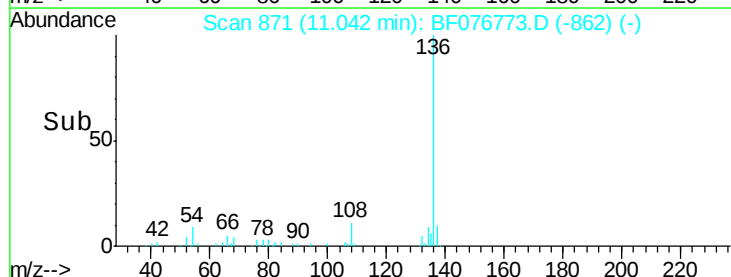
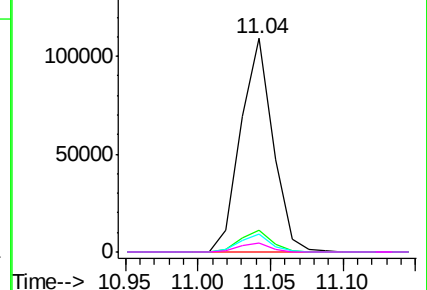


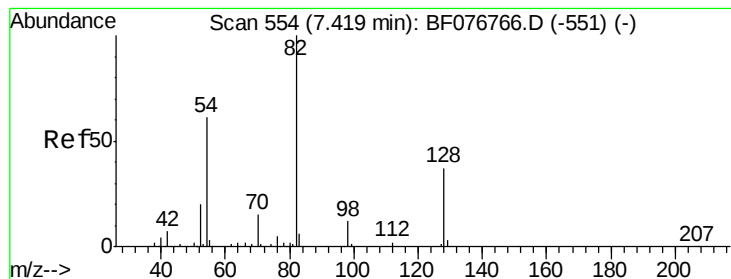
Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.82 ng

RT: 9.42 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF076773.D

Acq: 7 Jan 2015 20:28

Instrument :

BNA_F

ClientSampleId :

PB81225BL

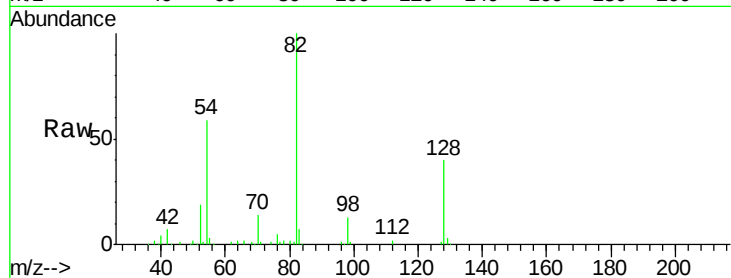
Tgt Ion: 82 Resp: 216357

Ion Ratio Lower Upper

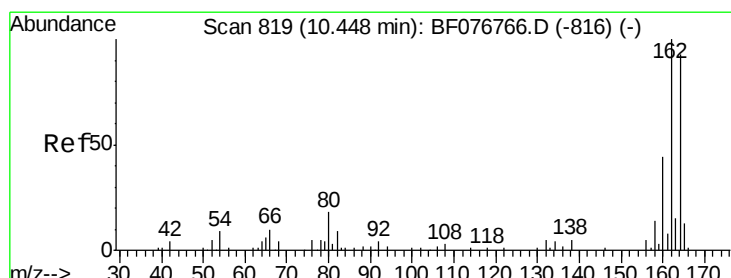
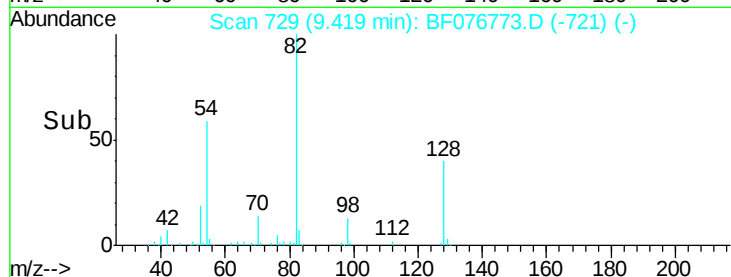
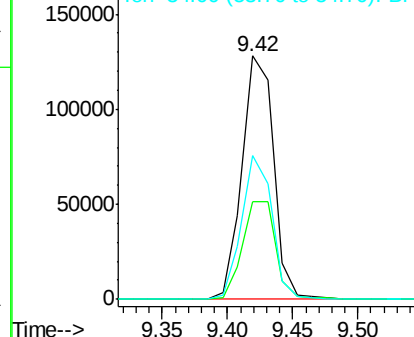
82 100

128 40.4 31.9 47.9

54 59.2 47.2 70.8



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.18 min Scan# 1233

Delta R.T. -0.01 min

Lab File: BF076773.D

Acq: 7 Jan 2015 20:28

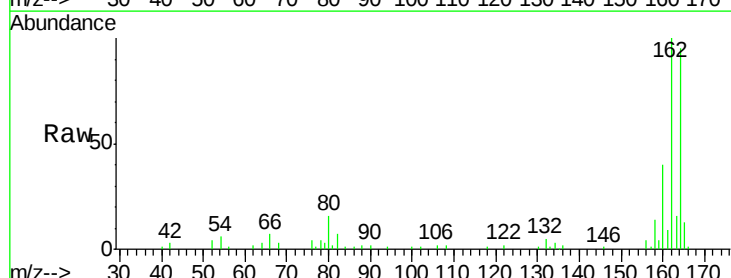
Tgt Ion: 164 Resp: 93021

Ion Ratio Lower Upper

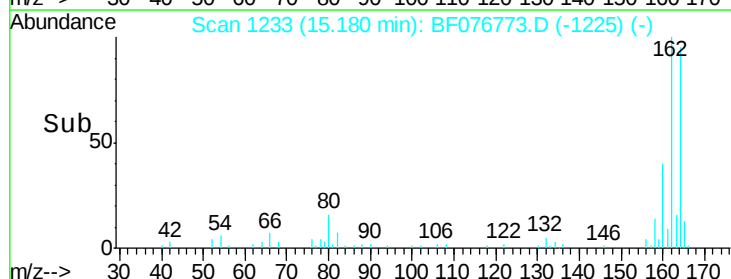
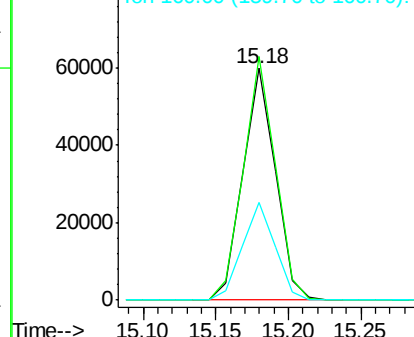
164 100

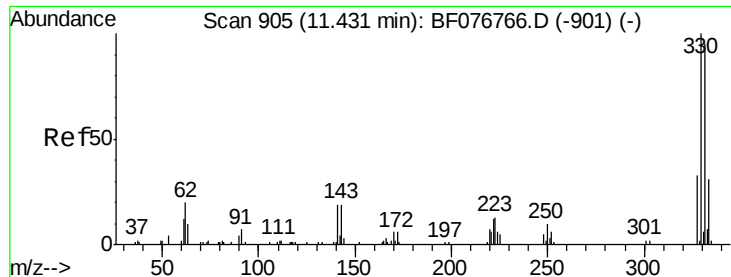
162 105.0 84.2 126.2

160 42.1 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

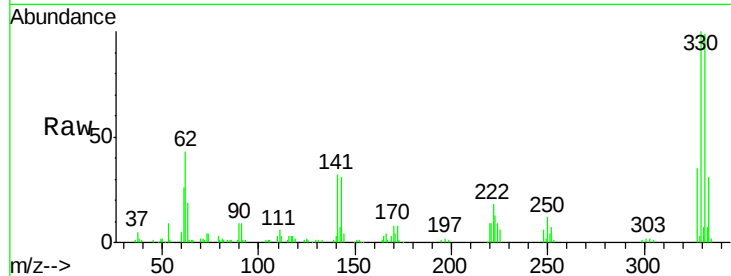




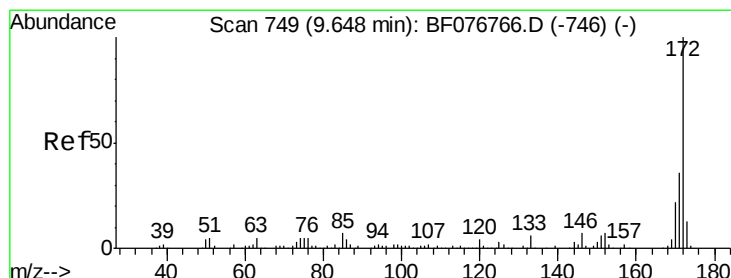
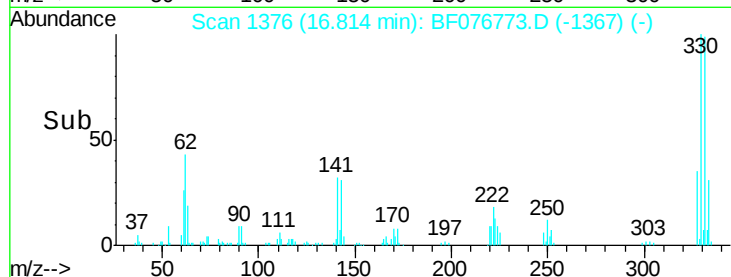
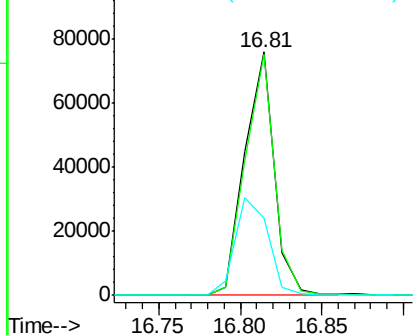
#41
 2,4,6-Tribromophenol
 Concen: 121.68 ng
 RT: 16.81 min Scan# 1376
 Delta R.T. 0.00 min
 Lab File: BF076773.D
 Acq: 7 Jan 2015 20:28

Instrument :
 BNA_F
 ClientSampleId :
 PB81225BL

Tgt Ion: 330 Resp: 95666
 Ion Ratio Lower Upper
 330 100
 332 97.6 0.0 0.0#
 141 44.7 0.0 0.0#

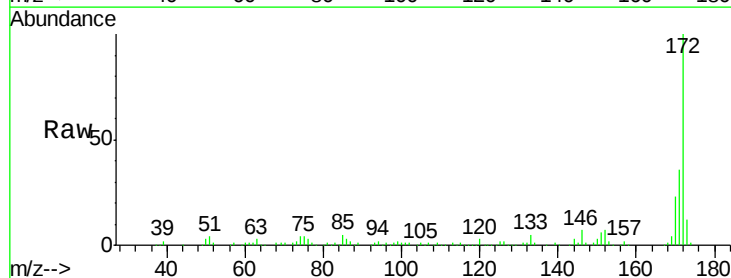


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

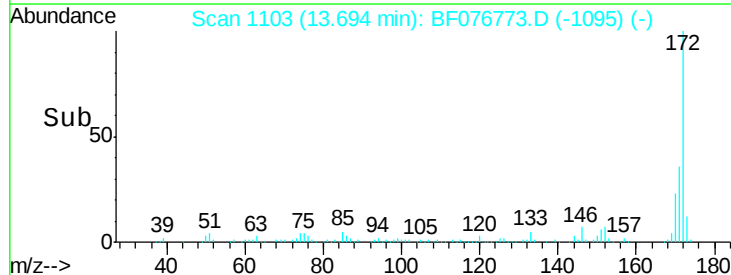
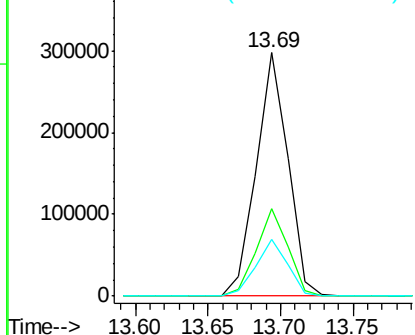


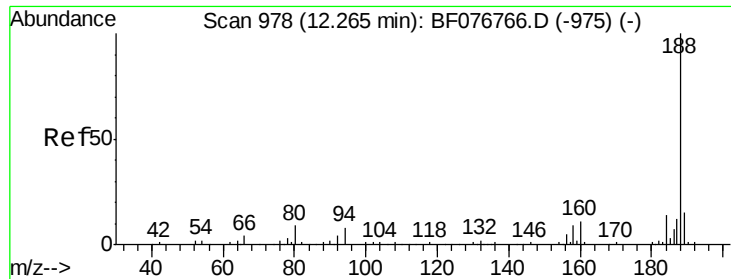
#44
 2-Fluorobiphenyl
 Concen: 75.36 ng
 RT: 13.69 min Scan# 1103
 Delta R.T. -0.01 min
 Lab File: BF076773.D
 Acq: 7 Jan 2015 20:28

Tgt Ion: 172 Resp: 450483
 Ion Ratio Lower Upper
 172 100
 171 35.9 27.8 41.8
 170 23.4 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

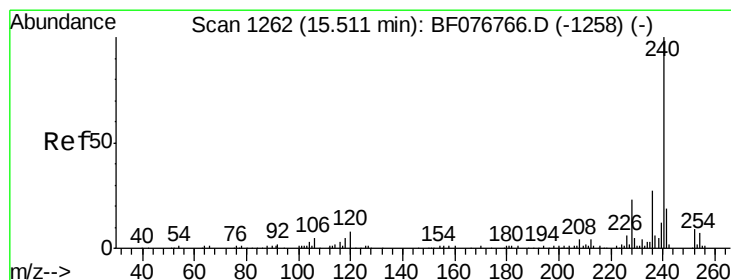
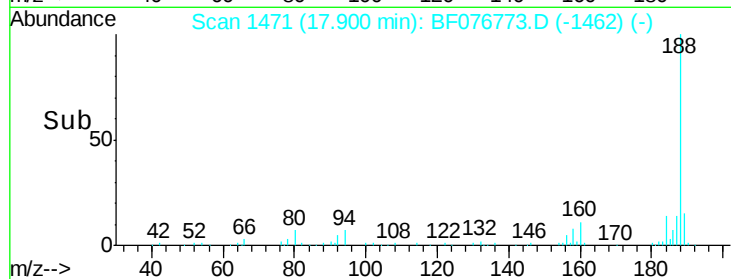
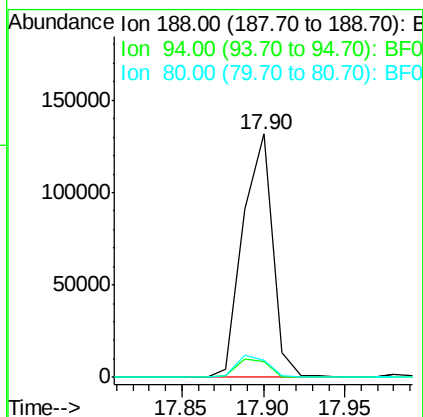
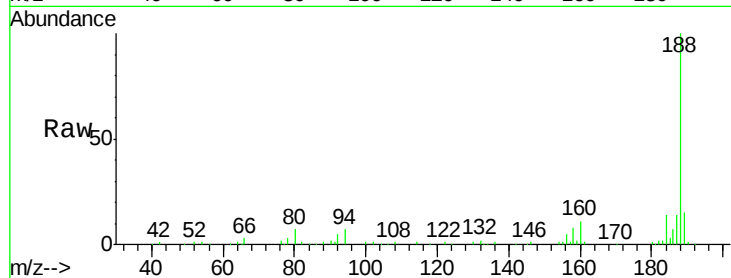




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.90 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BF076773.D
Acq: 7 Jan 2015 20:28

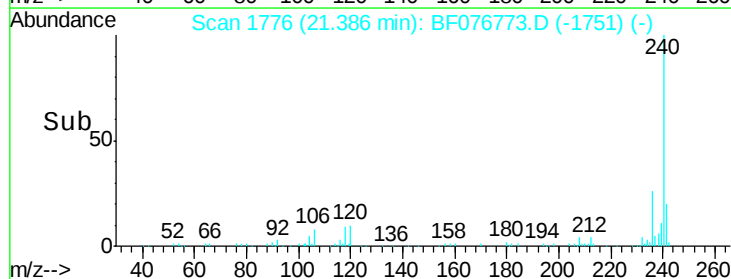
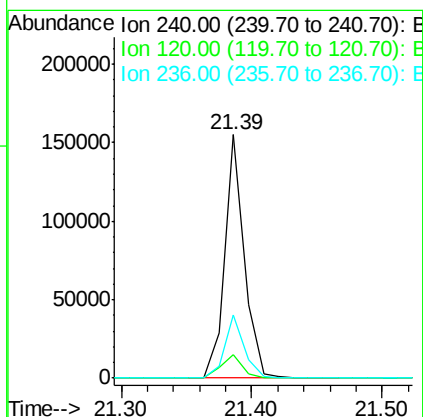
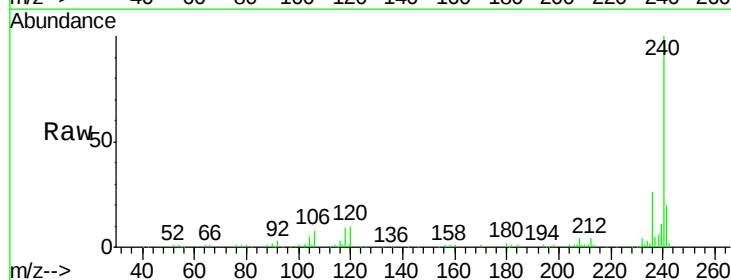
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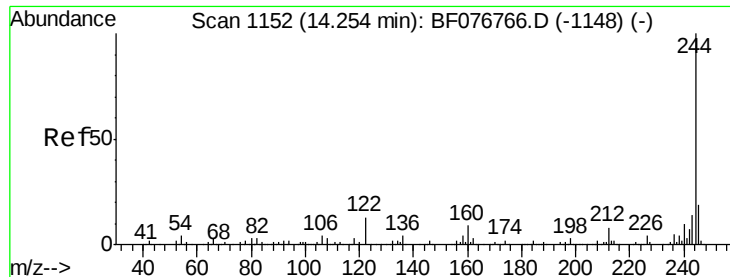
Tgt Ion:188 Resp: 166497
Ion Ratio Lower Upper
188 100
94 6.6 7.9 11.9#
80 7.3 8.2 12.2#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.39 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BF076773.D
Acq: 7 Jan 2015 20:28

Tgt Ion:240 Resp: 161861
Ion Ratio Lower Upper
240 100
120 9.8 8.0 12.0
236 25.7 20.6 30.8

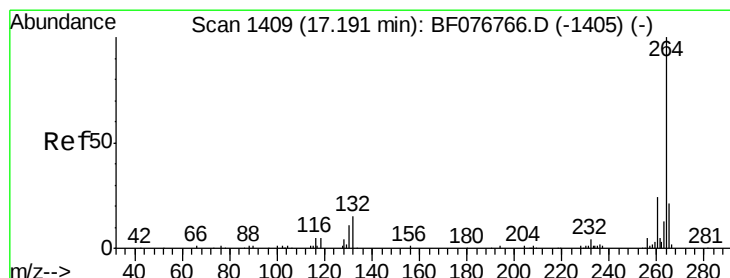
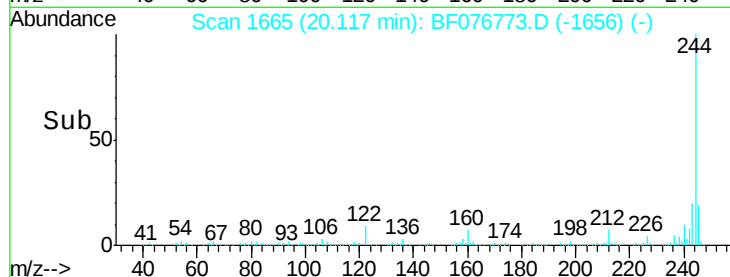
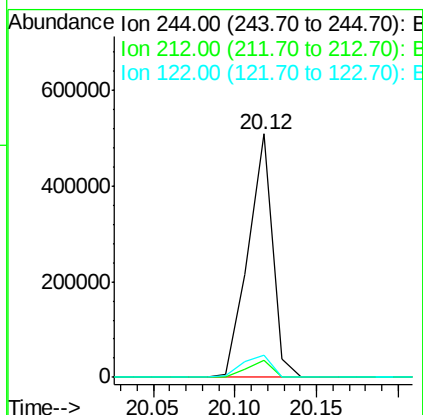
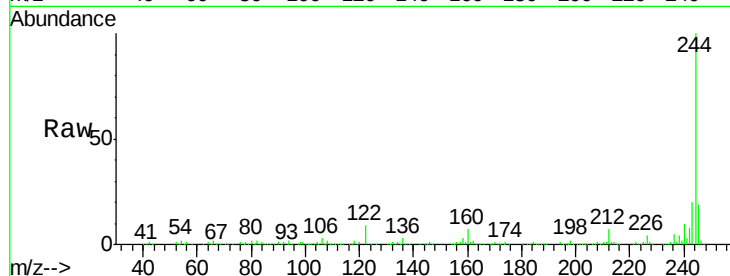




#78
 Terphenyl-d14
 Concen: 72.31 ng
 RT: 20.12 min Scan# 1665
 Delta R.T. 0.00 min
 Lab File: BF076773.D
 Acq: 7 Jan 2015 20:28

Instrument :
 BNA_F
 ClientSampleId :
 PB81225BL

Tgt Ion: 244 Resp: 530576
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.2
 122 9.2 8.2 12.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.11 min Scan# 1927
 Delta R.T. 0.00 min
 Lab File: BF076773.D
 Acq: 7 Jan 2015 20:28

Tgt Ion: 264 Resp: 146291
 Ion Ratio Lower Upper
 264 100
 260 22.2 19.4 29.2
 265 22.4 18.1 27.1

