

Data Path : Z:\HPCHEM1\BNA_F\Data\BF010715\
 Data File : BF076767.D
 Acq On : 7 Jan 2015 16:40
 Operator : IZ / TP
 Sample : PB81229BL
 Misc : W DOD
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81229BL

Quant Time: Jan 08 09:02:36 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 08:56:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	44547	20.00	ng	-0.01
21) Naphthalene-d8	11.04	136	187771	20.00	ng	0.00
38) Acenaphthene-d10	15.18	164	104694	20.00	ng	-0.01
63) Phenanthrene-d10	17.90	188	185647	20.00	ng	0.00
75) Chrysene-d12	21.41	240	179406	20.00	ng	0.01
86) Perylene-d12	23.24	264	154699	20.00	ng	0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	318965	121.39	ng	-0.01
7) Phenol-d6	7.52	99	382504	119.19	ng	0.00
23) Nitrobenzene-d5	9.42	82	233781	74.04	ng	-0.01
41) 2,4,6-Tribromophenol	16.81	330	96850	109.45	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	485716	72.20	ng	-0.01
78) Terphenyl-d14	20.12	244	526367	64.72	ng	0.00

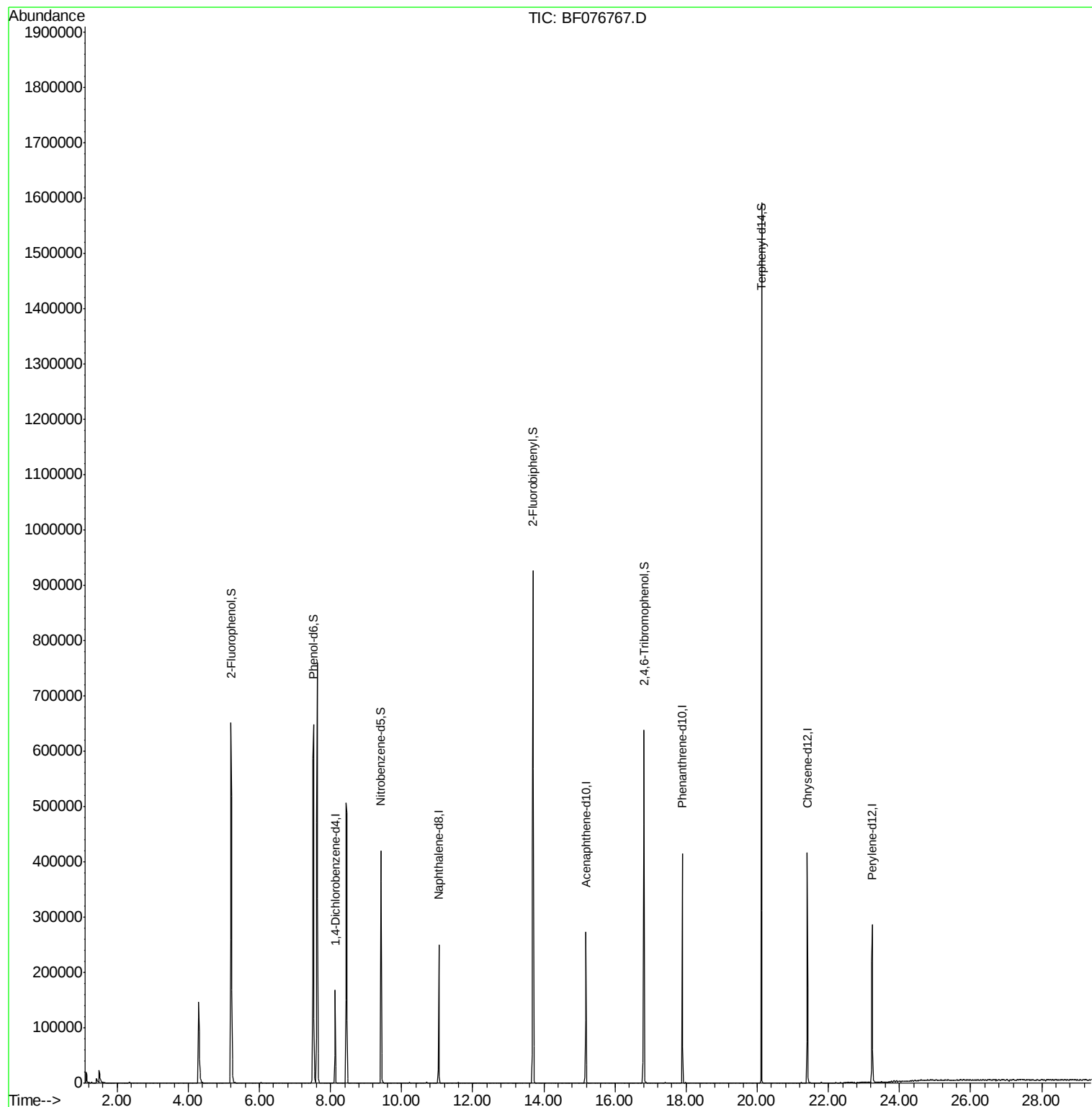
Target Compounds	Qvalue
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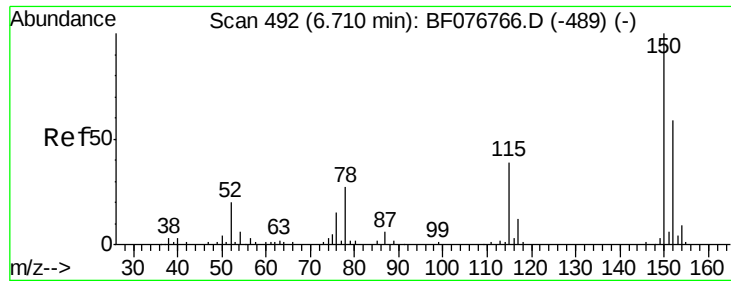
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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PB81229BL

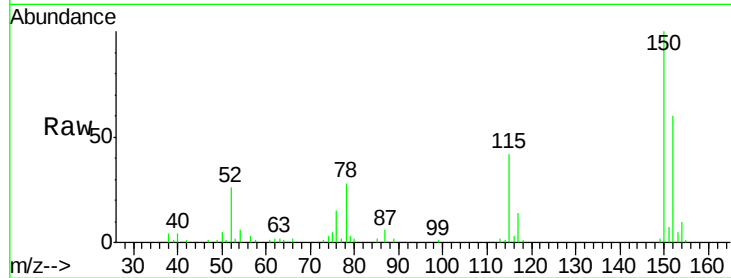
Tgt Ion:152 Resp: 44547

Ion Ratio Lower Upper

152 100

150 165.4 125.2 187.8

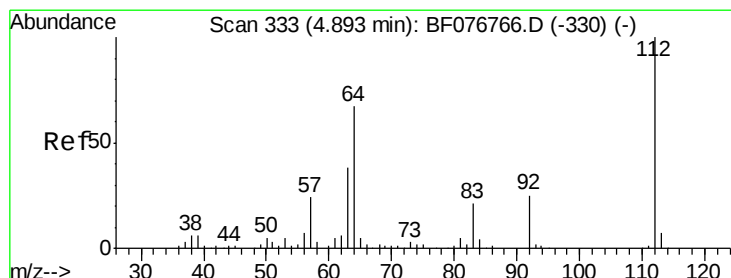
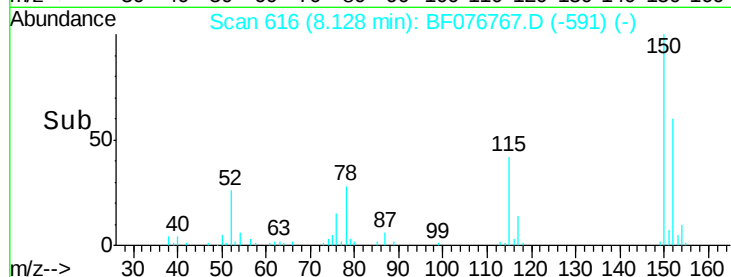
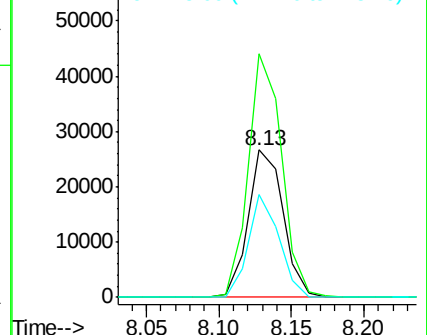
115 70.2 51.4 77.0



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: 121.39 ng

RT: 5.20 min Scan# 360

Delta R.T. -0.01 min

Lab File: BF076767.D

Acq: 7 Jan 2015 16:40

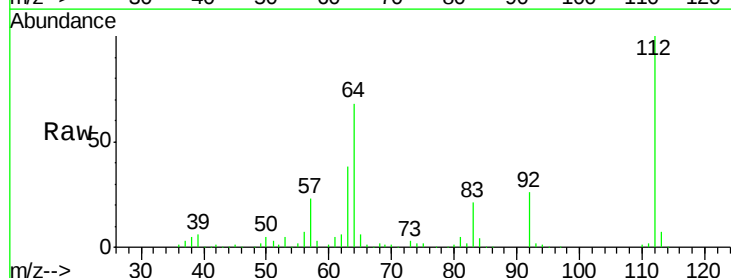
Tgt Ion:112 Resp: 318965

Ion Ratio Lower Upper

112 100

64 68.4 47.4 71.0

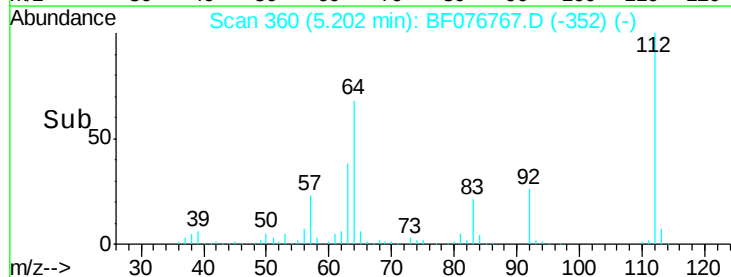
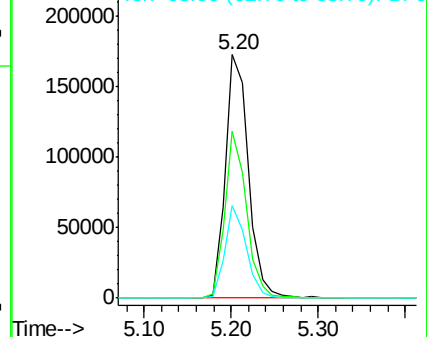
63 38.2 25.0 37.4#

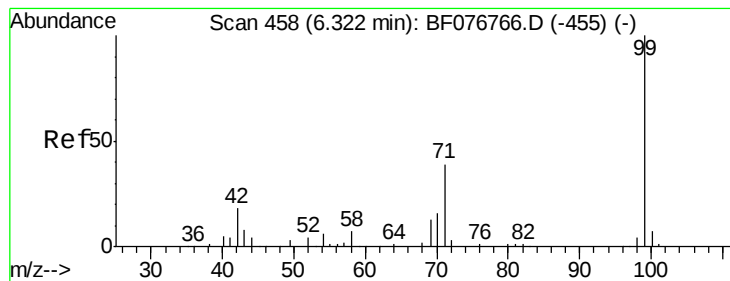


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 119.19 ng

RT: 7.52 min Scan# 563

Delta R.T. 0.00 min

Lab File: BF076767.D

Acq: 7 Jan 2015 16:40

Instrument :

BNA_F

ClientSampleId :

PB81229BL

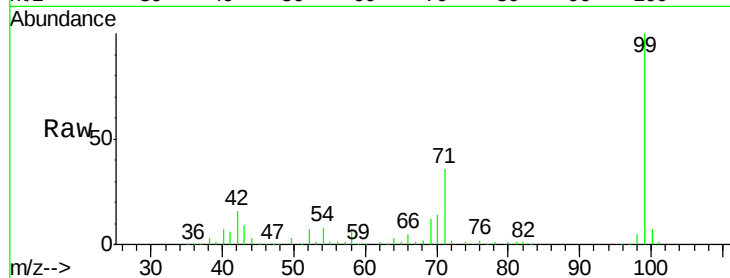
Tgt Ion: 99 Resp: 382504

Ion Ratio Lower Upper

99 100

42 16.1 11.6 17.4

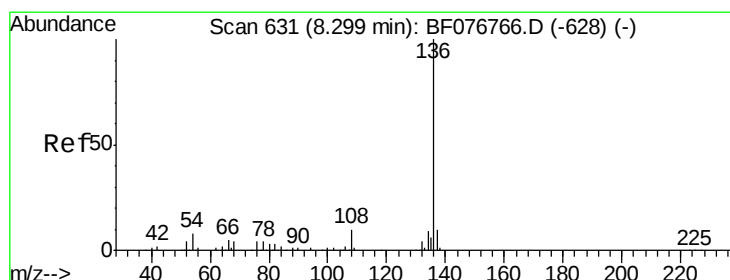
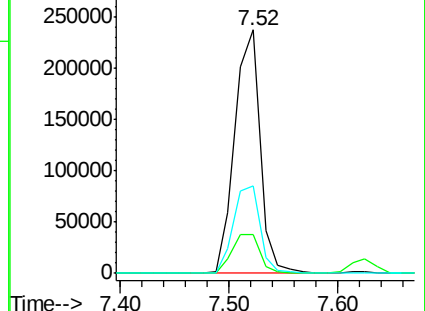
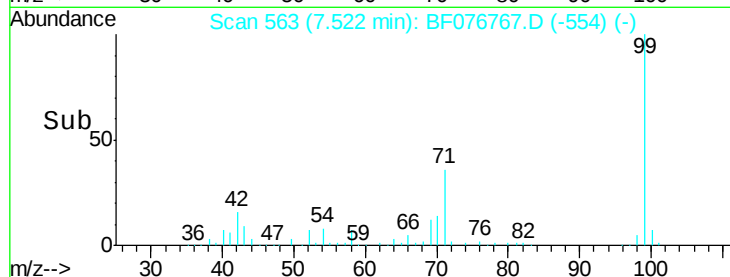
71 35.9 25.9 38.9



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: BF076767.D

Acq: 7 Jan 2015 16:40

Tgt Ion: 136 Resp: 187771

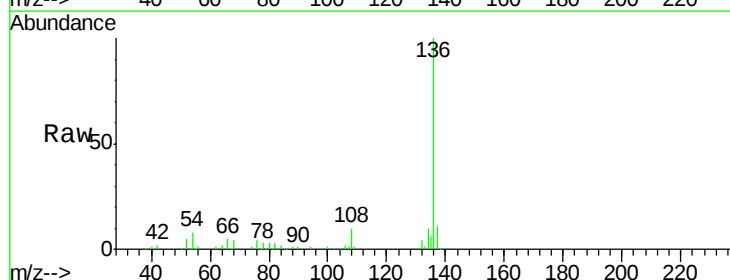
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 7.9 7.8 11.6

68 4.4 3.4 5.2

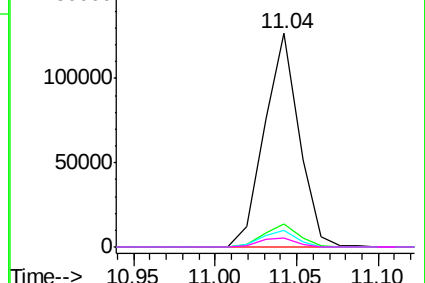
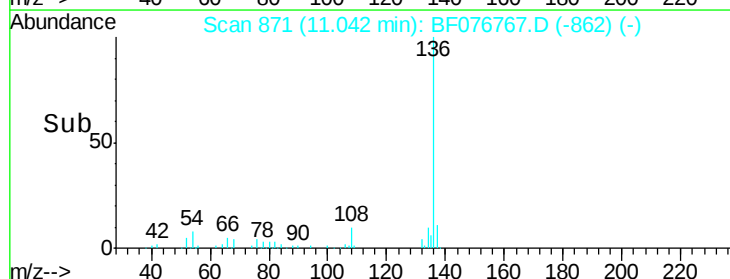


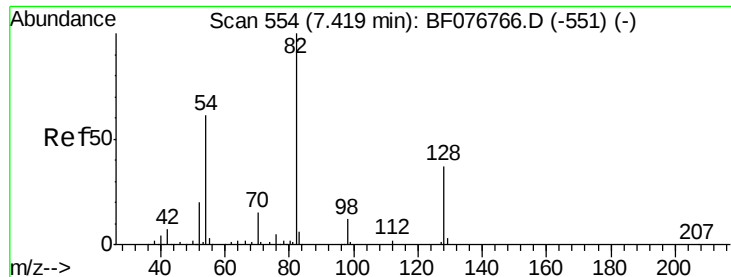
Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.04 ng

RT: 9.42 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF076767.D

Acq: 7 Jan 2015 16:40

Instrument :

BNA_F

ClientSampleId :

PB81229BL

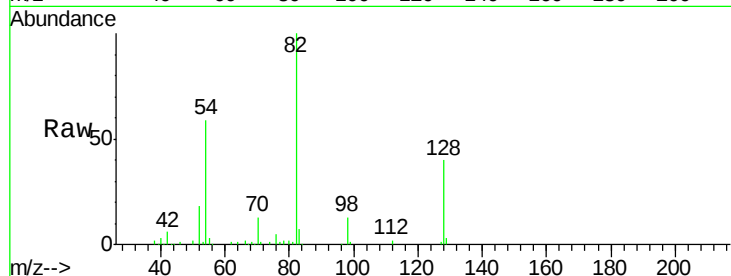
Tgt Ion: 82 Resp: 233781

Ion Ratio Lower Upper

82 100

128 40.2 31.9 47.9

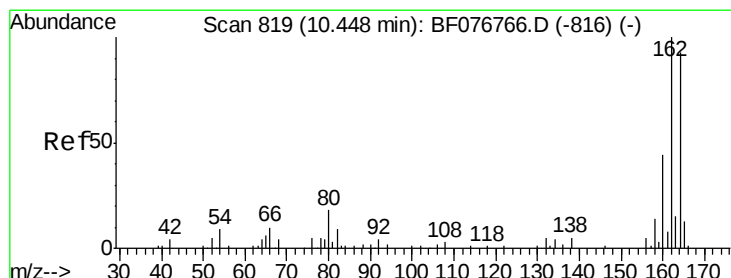
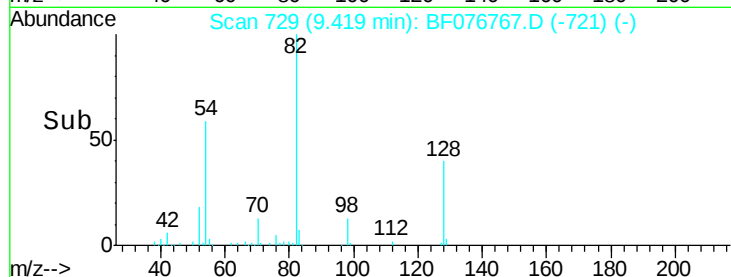
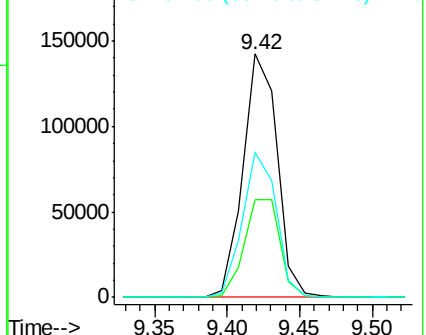
54 59.3 47.2 70.8



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

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: BF076767.D

Acq: 7 Jan 2015 16:40

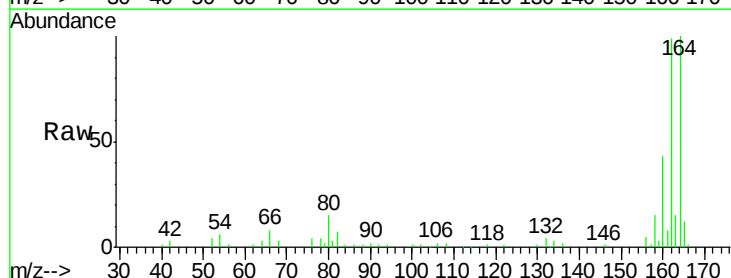
Tgt Ion: 164 Resp: 104694

Ion Ratio Lower Upper

164 100

162 98.7 84.2 126.2

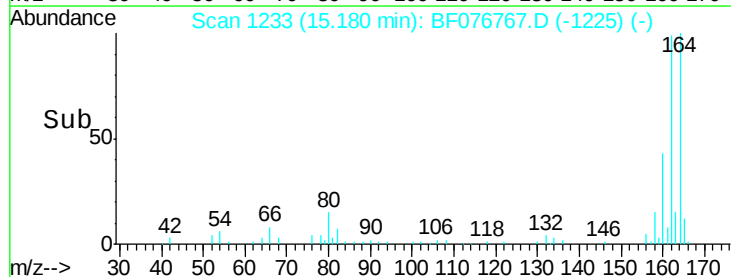
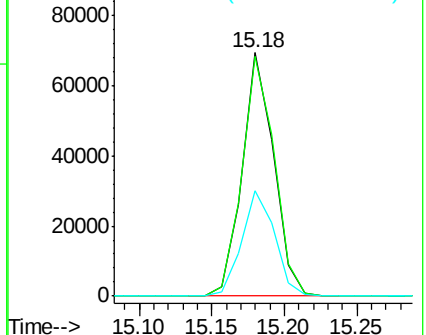
160 43.1 35.5 53.3

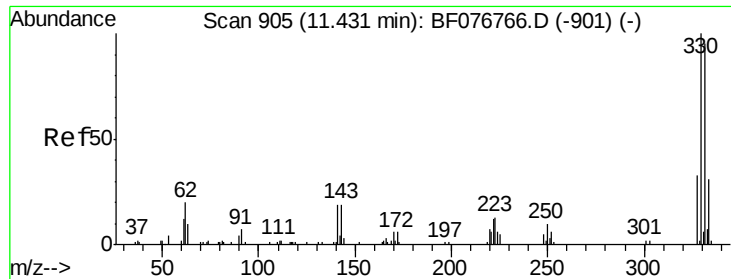


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

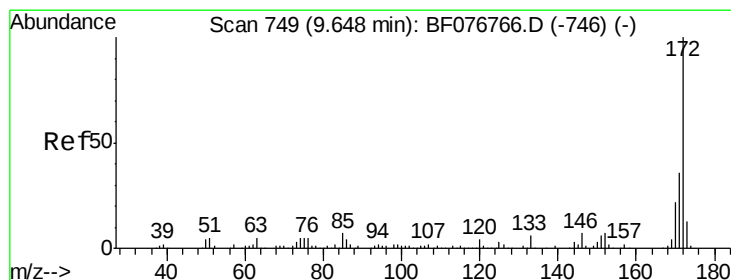
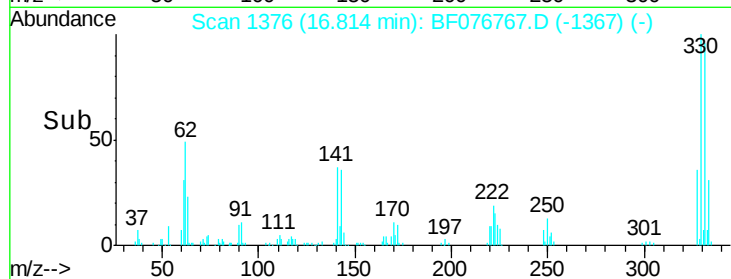
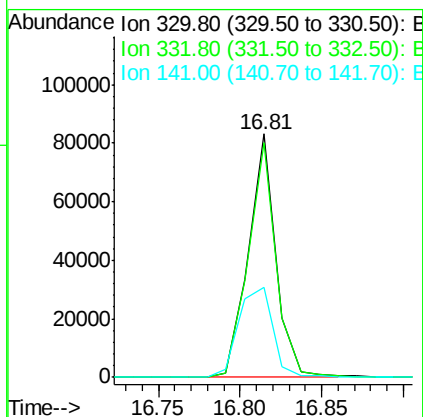
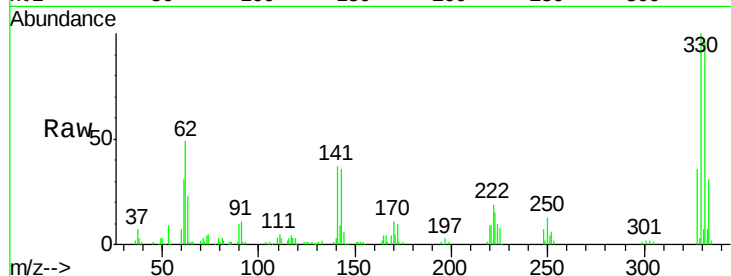




#41
 2,4,6-Tribromophenol
 Concen: 109.45 ng
 RT: 16.81 min Scan# 1376
 Delta R.T. 0.00 min
 Lab File: BF076767.D
 Acq: 7 Jan 2015 16:40

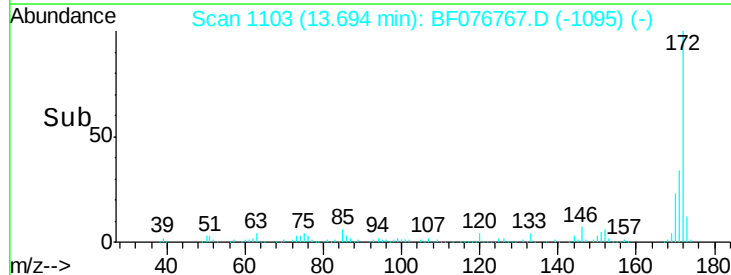
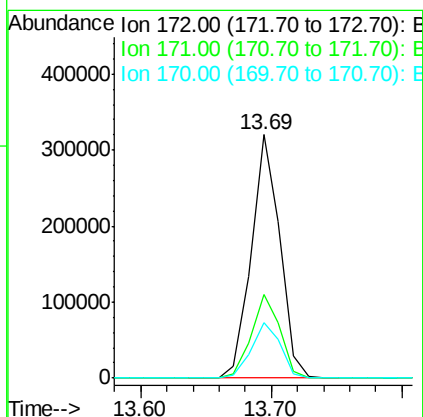
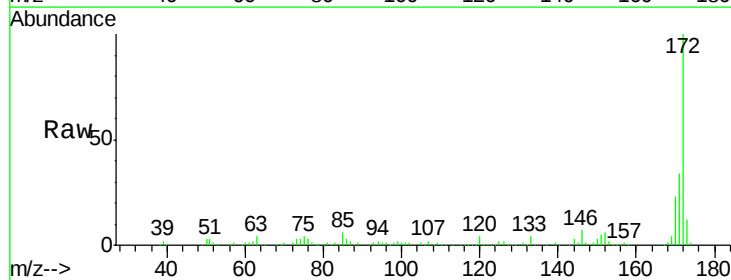
Instrument :
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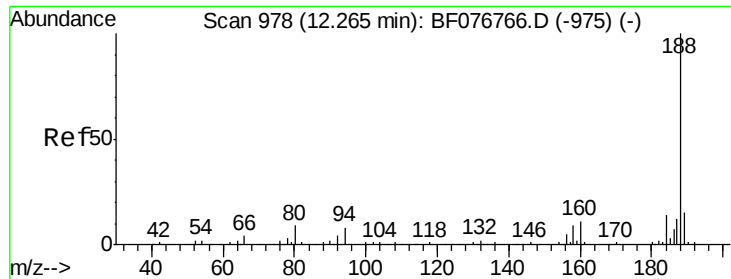
Tgt Ion:330 Resp: 96850
 Ion Ratio Lower Upper
 330 100
 332 98.0 0.0 0.0#
 141 46.2 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 72.20 ng
 RT: 13.69 min Scan# 1103
 Delta R.T. -0.01 min
 Lab File: BF076767.D
 Acq: 7 Jan 2015 16:40

Tgt Ion:172 Resp: 485716
 Ion Ratio Lower Upper
 172 100
 171 34.1 27.8 41.8
 170 22.9 19.0 28.4

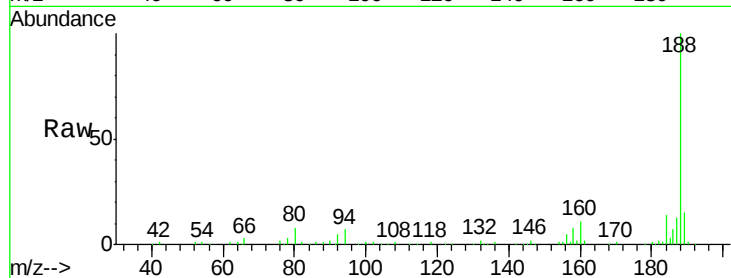




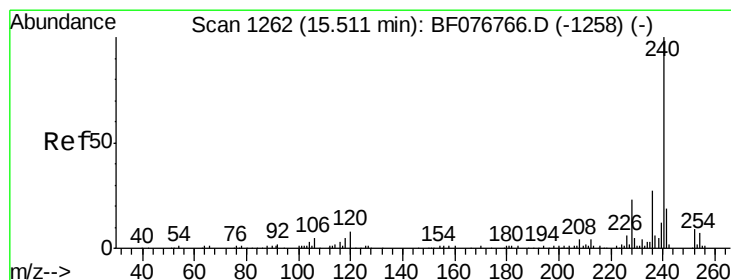
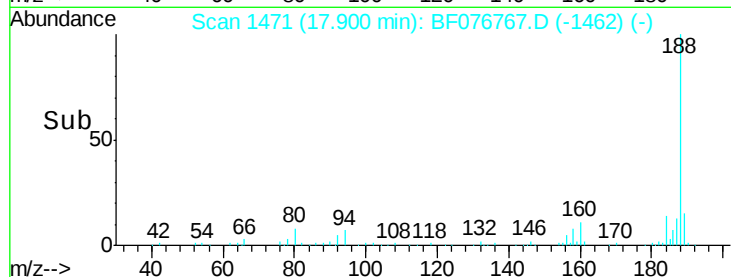
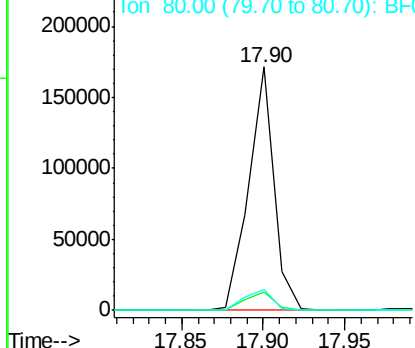
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.90 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BF076767.D
Acq: 7 Jan 2015 16:40

Instrument :
BNA_F
ClientSampleId :
PB81229BL

Tgt Ion:188 Resp: 185647
Ion Ratio Lower Upper
188 100
94 7.4 7.9 11.9#
80 8.4 8.2 12.2

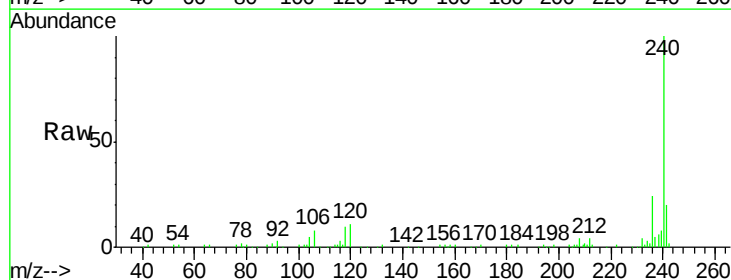


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

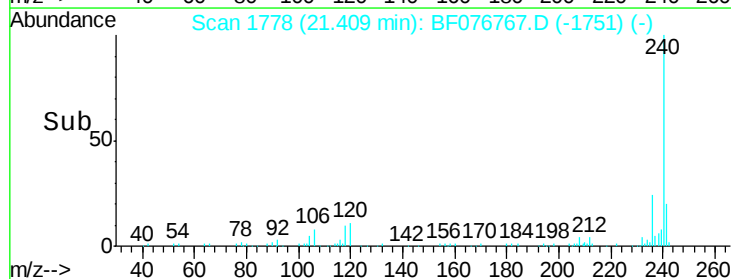
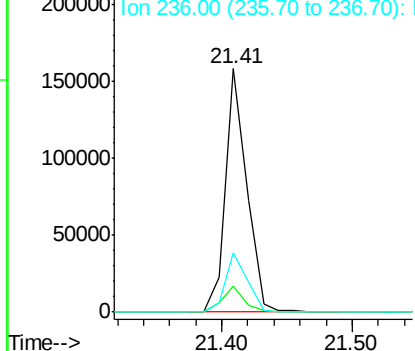


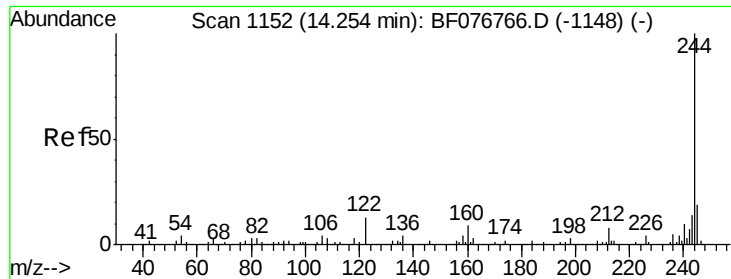
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.41 min Scan# 1778
Delta R.T. 0.01 min
Lab File: BF076767.D
Acq: 7 Jan 2015 16:40

Tgt Ion:240 Resp: 179406
Ion Ratio Lower Upper
240 100
120 10.6 8.0 12.0
236 24.4 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

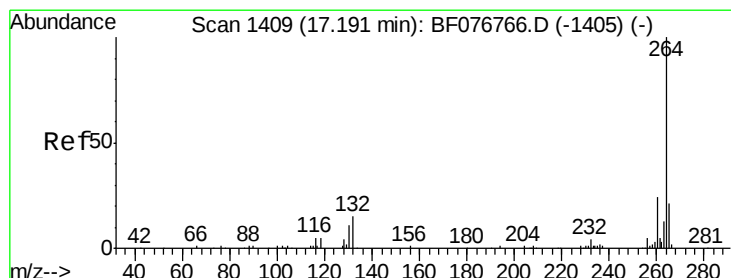
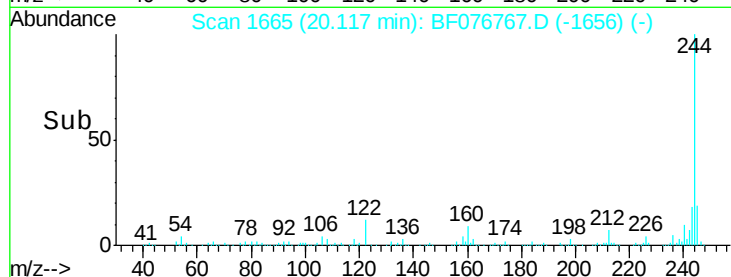
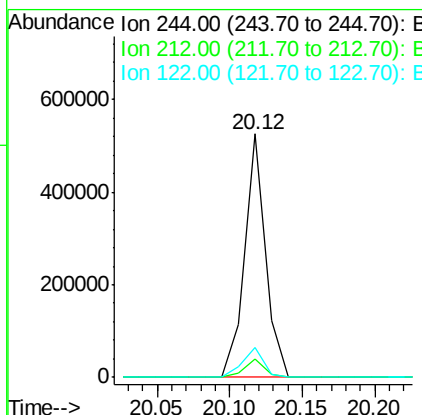
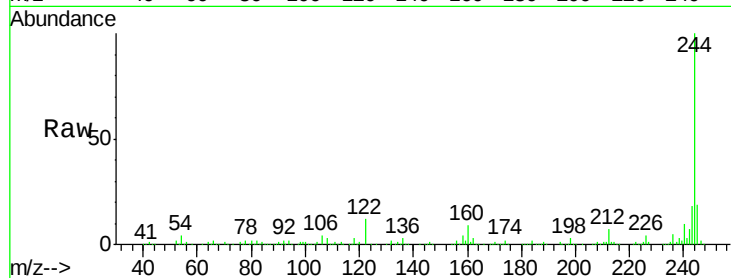




#78
 Terphenyl-d14
 Concen: 64.72 ng
 RT: 20.12 min Scan# 1665
 Delta R.T. 0.00 min
 Lab File: BF076767.D
 Acq: 7 Jan 2015 16:40

Instrument :
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 ClientSampleId :
 PB81229BL

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	12.2	8.2	12.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.24 min Scan# 1938
 Delta R.T. 0.13 min
 Lab File: BF076767.D
 Acq: 7 Jan 2015 16:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	22.8	18.1	27.1

