

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
 Data File : BF078529.D
 Acq On : 15 Apr 2015 7:44
 Operator : TP/IZ
 Sample : G1787-07RE
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD03ARE

Quant Time: Apr 15 07:43:51 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 01:10:59 2015
 Response via : Initial Calibration

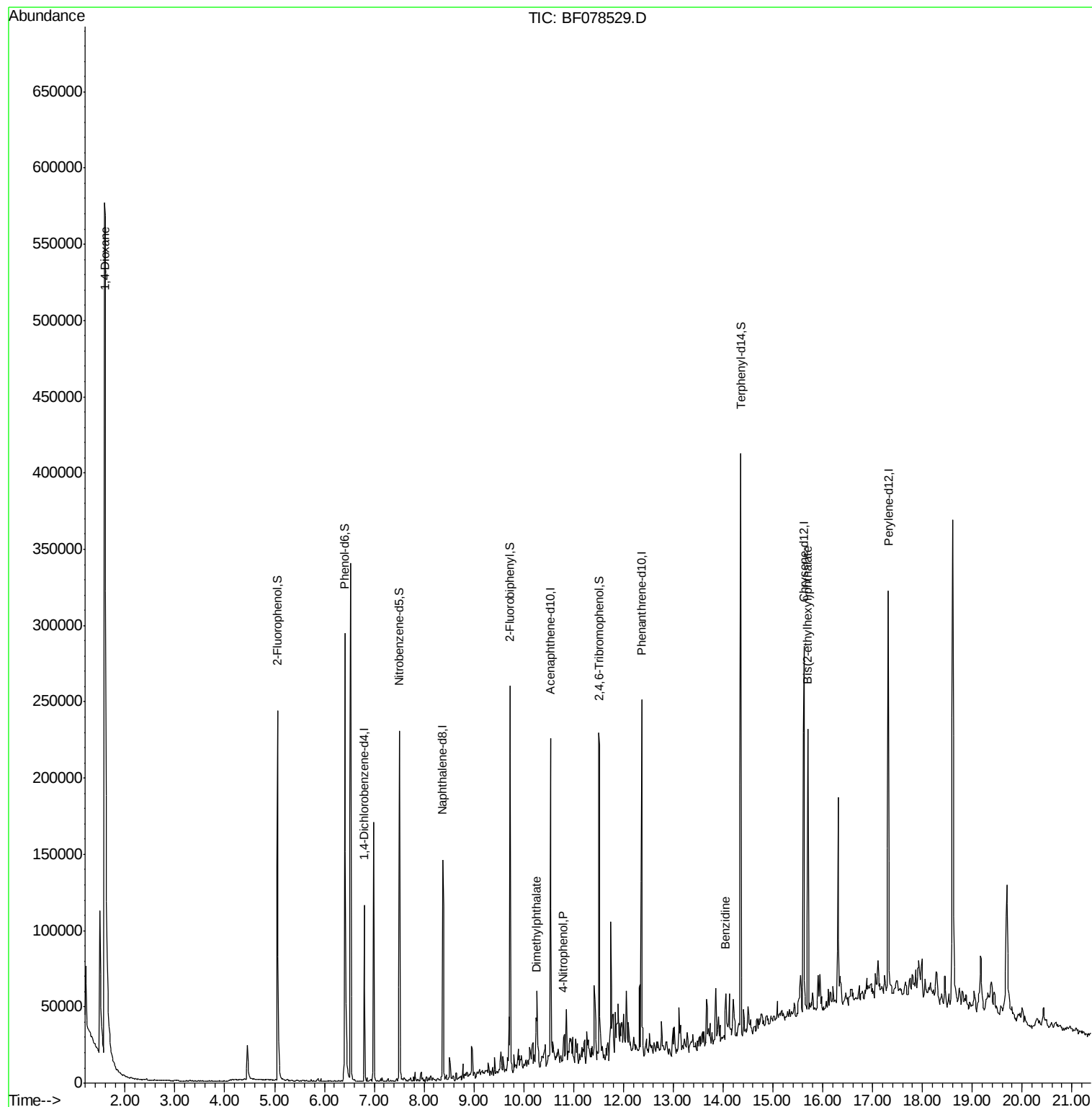
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	22371	20.00	ng	0.00
21) Naphthalene-d8	8.38	136	91906	20.00	ng	-0.01
38) Acenaphthene-d10	10.54	164	47932	20.00	ng	0.00
63) Phenanthrene-d10	12.37	188	100851	20.00	ng	0.00
75) Chrysene-d12	15.62	240	115727	20.00	ng	-0.03
86) Perylene-d12	17.31	264	113103	20.00	ng	-0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	106025	78.14	ng	0.01
7) Phenol-d6	6.41	99	137747	81.01	ng	0.00
23) Nitrobenzene-d5	7.51	82	77862	51.35	ng	0.00
41) 2,4,6-Tribromophenol	11.52	330	34399	86.53	ng	0.00
44) 2-Fluorobiphenyl	9.72	172	115970	34.58	ng	-0.01
78) Terphenyl-d14	14.35	244	140373	27.41	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.60	88	30097	49.05	ng	# 23
49) Dimethylphthalate	10.25	163	9170	2.55	ng	# 96
55) 4-Nitrophenol	10.80	139	213	3.10	ng	# 4
76) Benzidine	14.06	184	18927	4.25	ng	97
83) Bis(2-ethylhexyl)phthalate	15.70	149	64450	14.84	ng	# 97

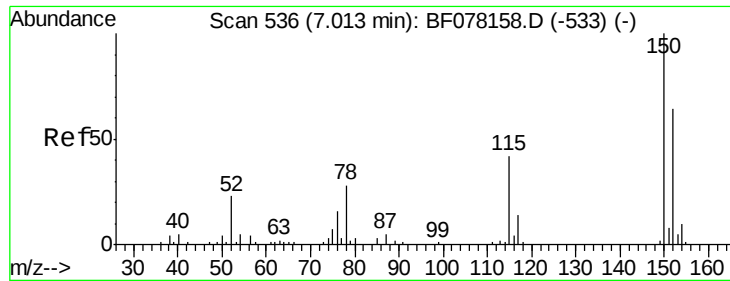
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 491

Delta R.T. -0.00 min

Lab File: BF078529.D

Acq: 15 Apr 2015 7:44

Instrument :

BNA_F

ClientSampleId :

LS-SD03ARE

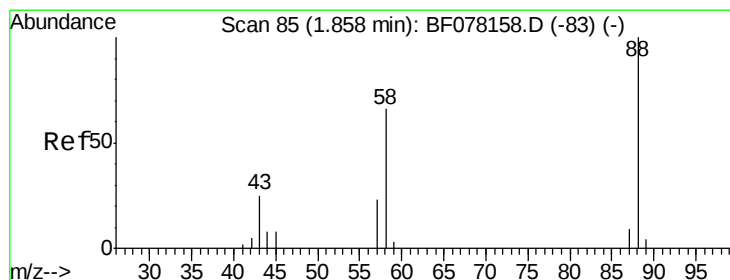
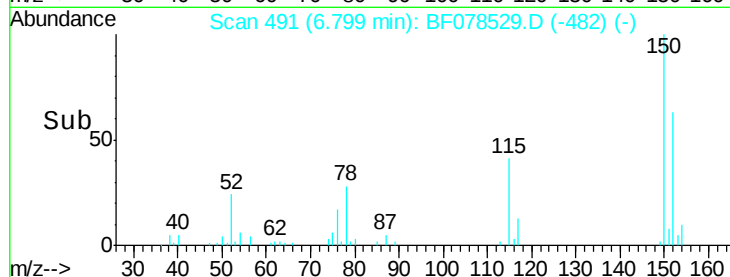
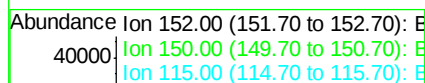
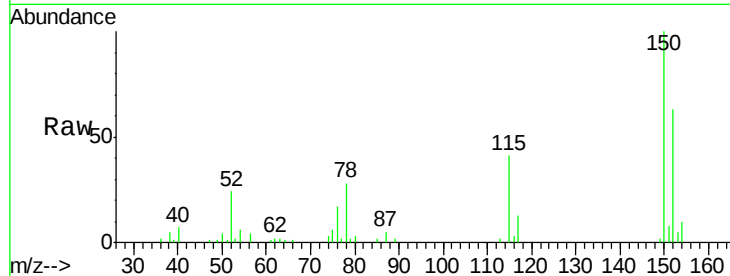
Tgt Ion:152 Resp: 22371

Ion Ratio Lower Upper

152 100

150 159.0 125.9 188.9

115 65.7 52.7 79.1



#2

1,4-Dioxane

Concen: 49.05 ng

RT: 1.60 min Scan# 36

Delta R.T. 0.01 min

Lab File: BF078529.D

Acq: 15 Apr 2015 7:44

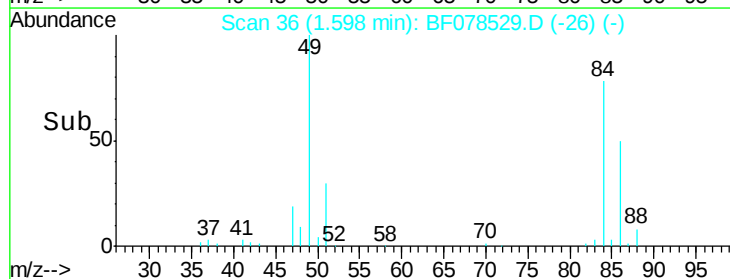
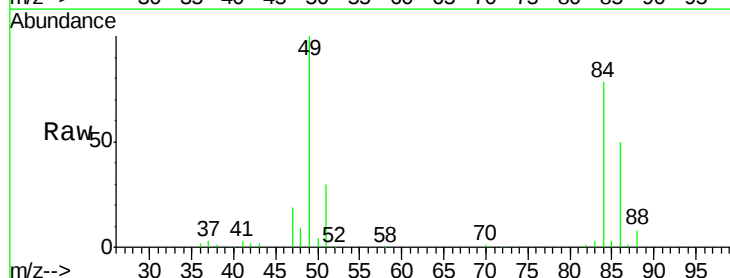
Tgt Ion: 88 Resp: 30097

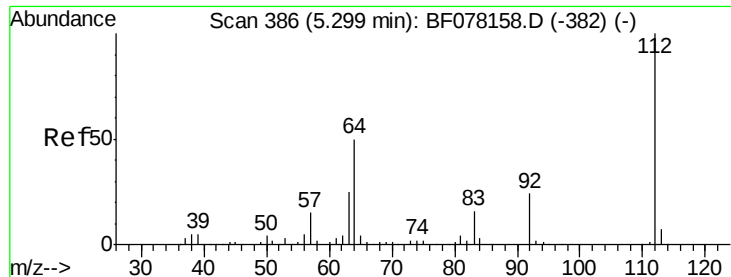
Ion Ratio Lower Upper

88 100

58 0.0 56.9 85.3#

43 0.0 21.4 32.2#





#5

2-Fluorophenol

Concen: 78.14 ng

RT: 5.06 min Scan# 339

Delta R.T. 0.01 min

Lab File: BF078529.D

Acq: 15 Apr 2015 7:44

Instrument :

BNA_F

ClientSampleId :

LS-SD03ARE

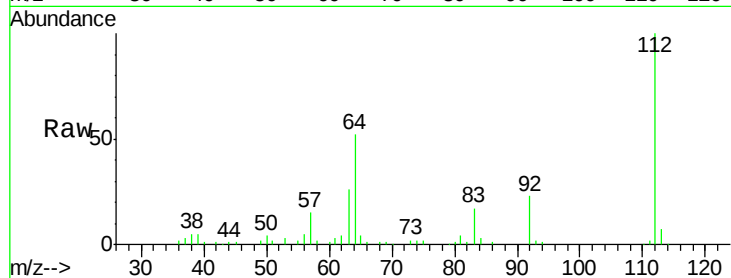
Tgt Ion: 112 Resp: 106025

Ion Ratio Lower Upper

112 100

64 52.0 39.9 59.9

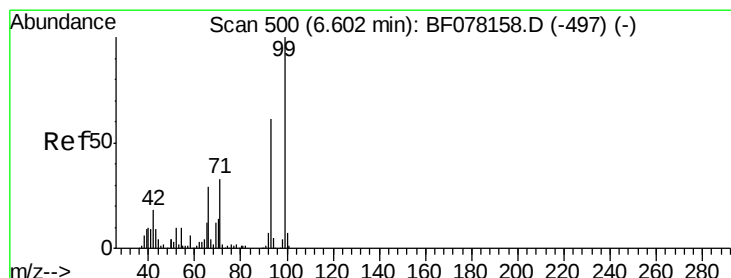
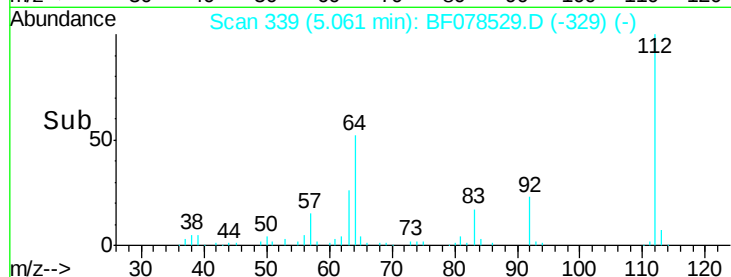
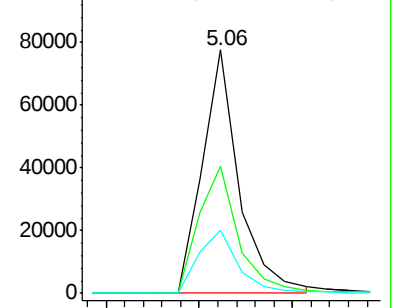
63 25.8 20.2 30.4



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: 81.01 ng

RT: 6.41 min Scan# 457

Delta R.T. -0.00 min

Lab File: BF078529.D

Acq: 15 Apr 2015 7:44

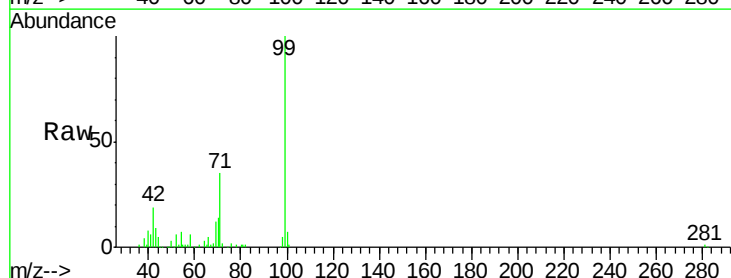
Tgt Ion: 99 Resp: 137747

Ion Ratio Lower Upper

99 100

42 18.7 14.8 22.2

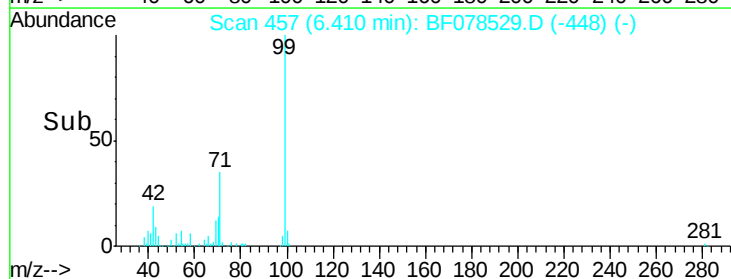
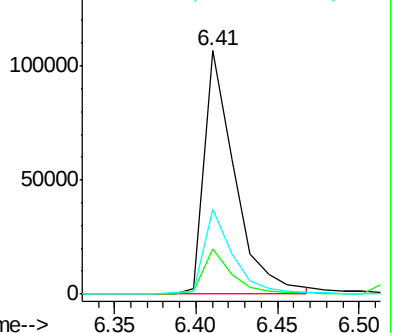
71 34.8 26.6 39.8

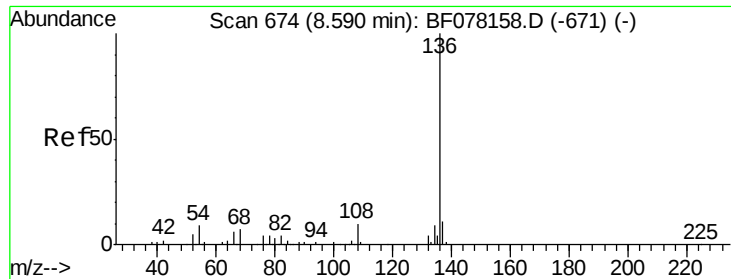


Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 8.38 min Scan# 629

Delta R.T. -0.01 min

Lab File: BF078529.D

Acq: 15 Apr 2015 7:44

Instrument :

BNA_F

ClientSampleId :

LS-SD03ARE

Tgt Ion: 136 Resp: 91906

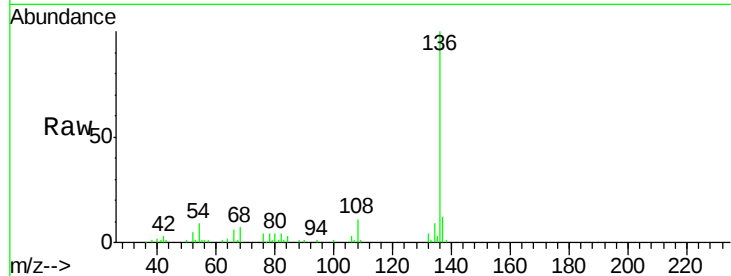
Ion Ratio Lower Upper

136 100

137 12.0 9.0 13.4

54 9.4 7.0 10.6

68 7.3 5.4 8.2

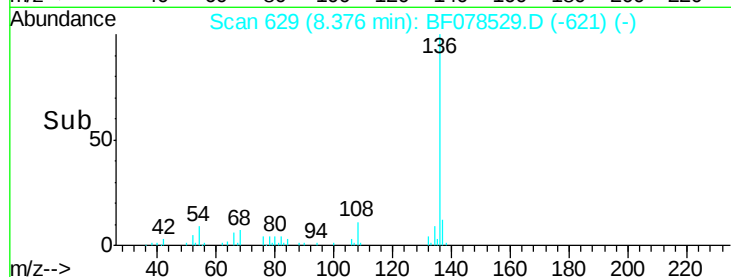


Abundance Ion 136.00 (135.70 to 136.70): E

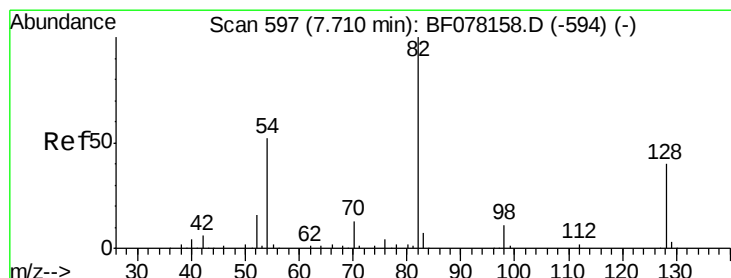
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 8.30 8.35 8.40 8.45



#23

Nitrobenzene-d5

Concen: 51.35 ng

RT: 7.51 min Scan# 553

Delta R.T. -0.00 min

Lab File: BF078529.D

Acq: 15 Apr 2015 7:44

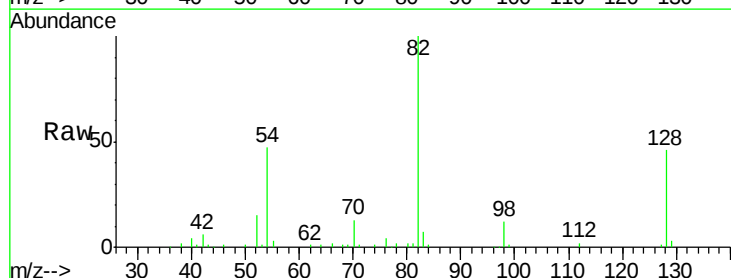
Tgt Ion: 82 Resp: 77862

Ion Ratio Lower Upper

82 100

128 46.5 31.8 47.8

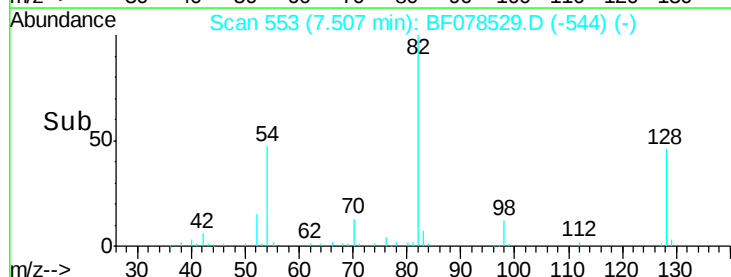
54 46.9 41.5 62.3



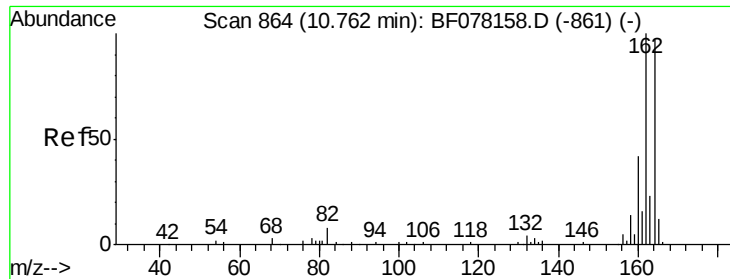
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



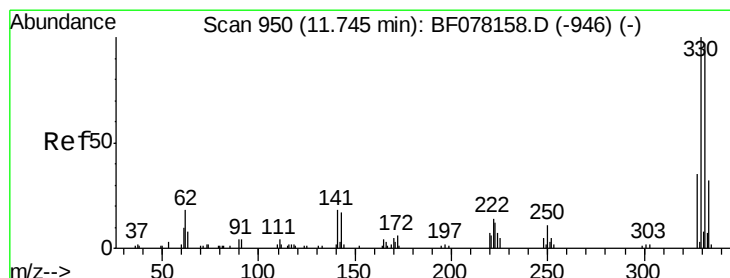
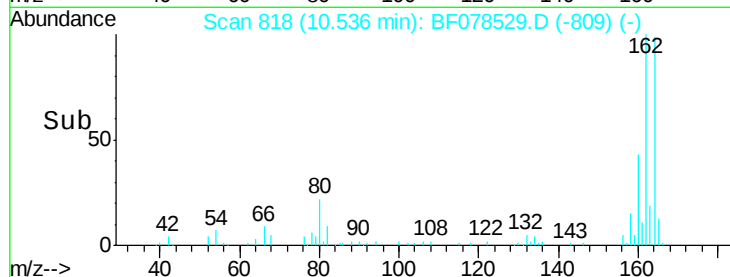
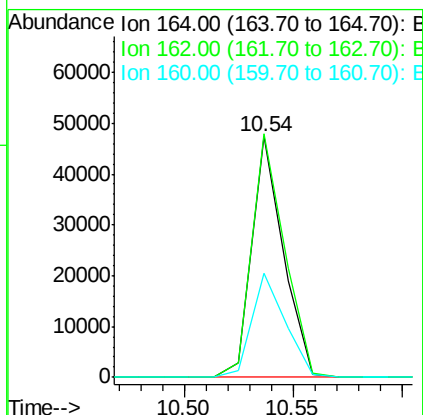
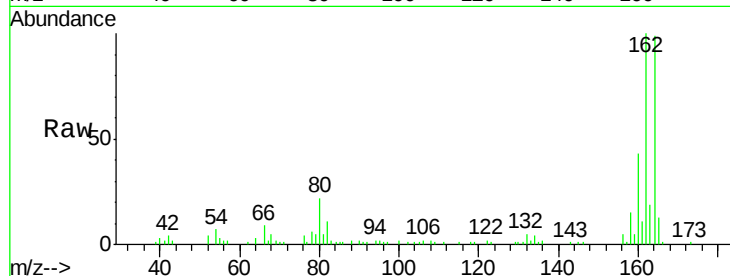
Time--> 7.45 7.50 7.55



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.54 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF078529.D
 Acq: 15 Apr 2015 7:44

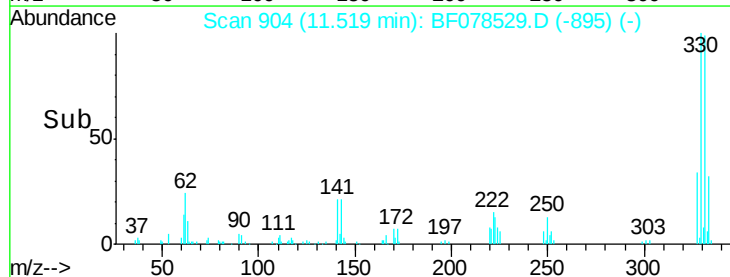
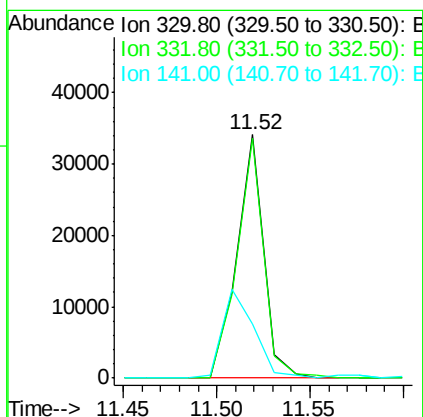
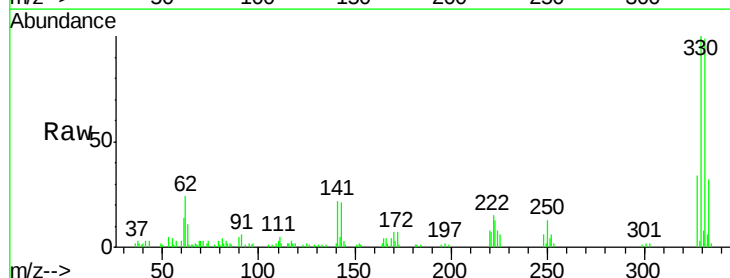
Instrument :
 BNA_F
 ClientSampleId :
 LS-SD03ARE

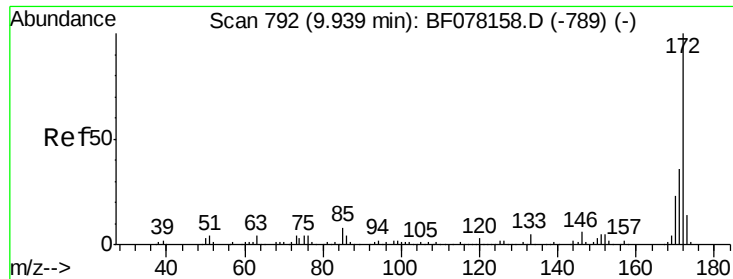
Tgt Ion:164 Resp: 47932
 Ion Ratio Lower Upper
 164 100
 162 101.1 82.2 123.2
 160 43.4 34.7 52.1



#41
 2,4,6-Tribromophenol
 Concen: 86.53 ng
 RT: 11.52 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BF078529.D
 Acq: 15 Apr 2015 7:44

Tgt Ion:330 Resp: 34399
 Ion Ratio Lower Upper
 330 100
 332 98.5 78.6 117.8
 141 43.4 31.2 46.8

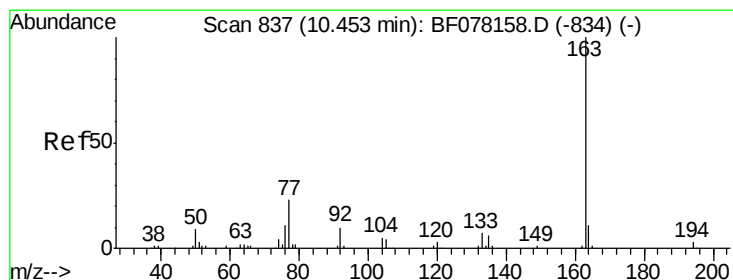
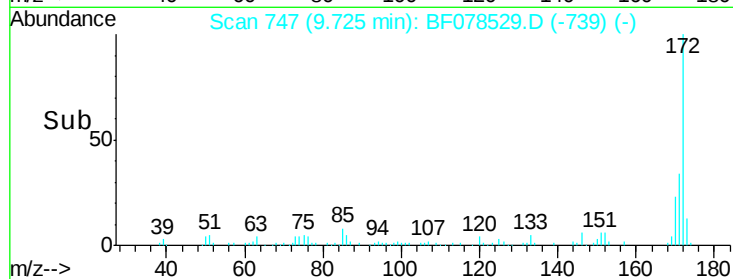
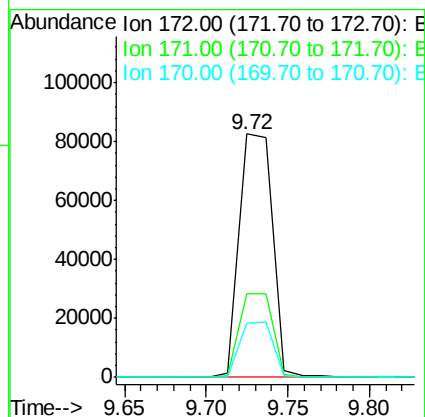
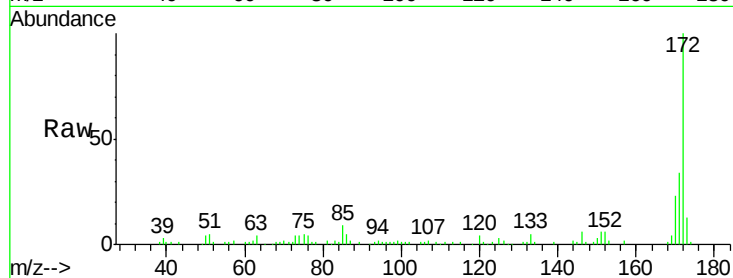




#44
 2-Fluorobiphenyl
 Concen: 34.58 ng
 RT: 9.72 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF078529.D
 Acq: 15 Apr 2015 7:44

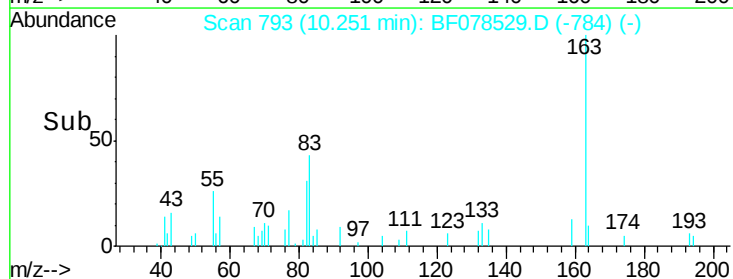
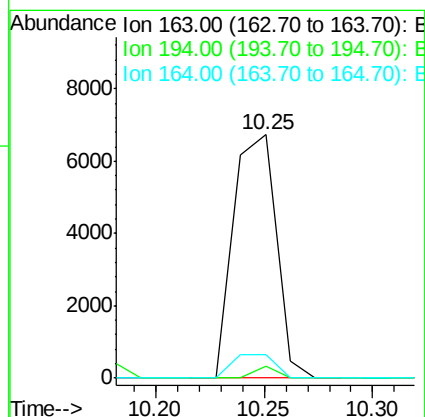
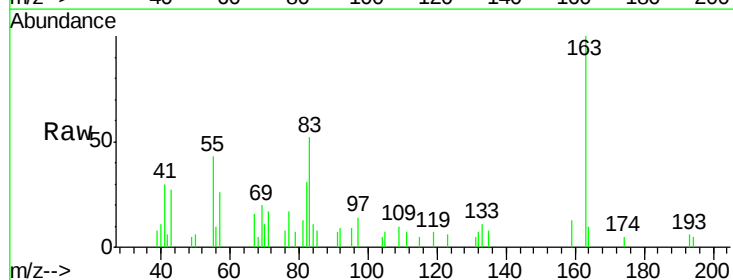
Instrument :
 BNA_F
 ClientSampleId :
 LS-SD03ARE

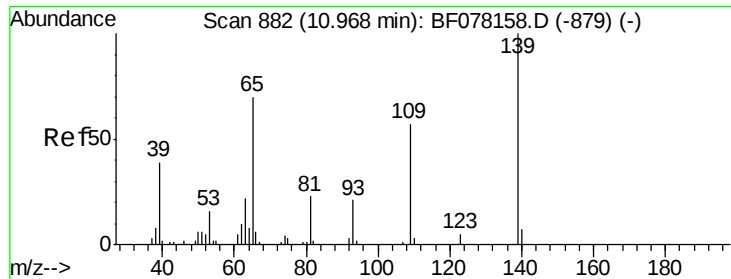
Tgt Ion:172 Resp: 115970
 Ion Ratio Lower Upper
 172 100
 171 34.2 28.6 42.8
 170 22.5 18.5 27.7



#49
 Dimethylphthalate
 Concen: 2.55 ng
 RT: 10.25 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BF078529.D
 Acq: 15 Apr 2015 7:44

Tgt Ion:163 Resp: 9170
 Ion Ratio Lower Upper
 163 100
 194 4.9 2.3 3.5#
 164 9.6 8.6 13.0

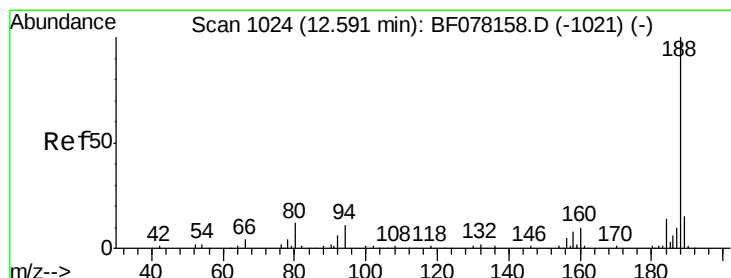
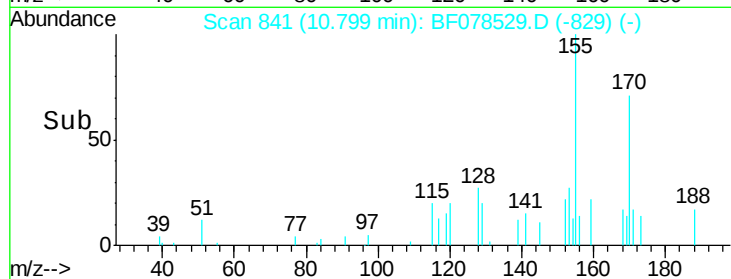
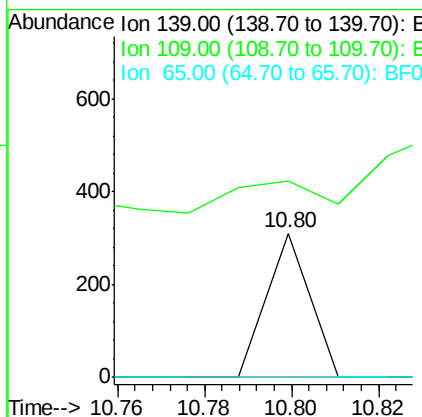
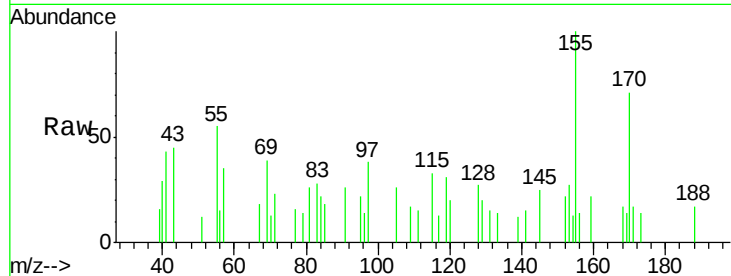




#55
4-Nitrophenol
Concen: 3.10 ng
RT: 10.80 min Scan# 841
Delta R.T. 0.03 min
Lab File: BF078529.D
Acq: 15 Apr 2015 7:44

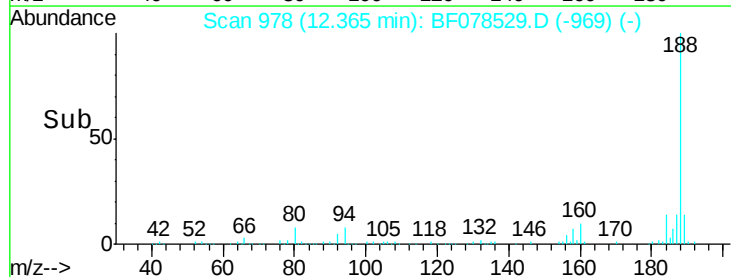
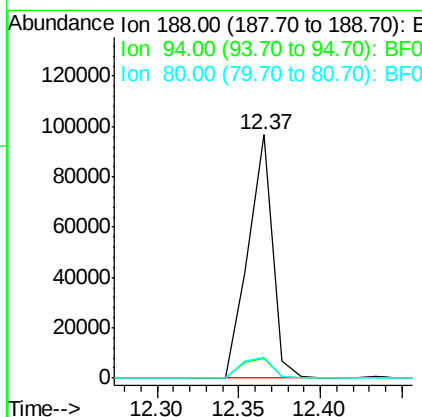
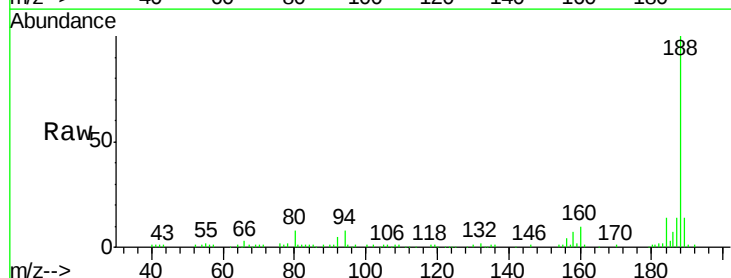
Instrument :
BNA_F
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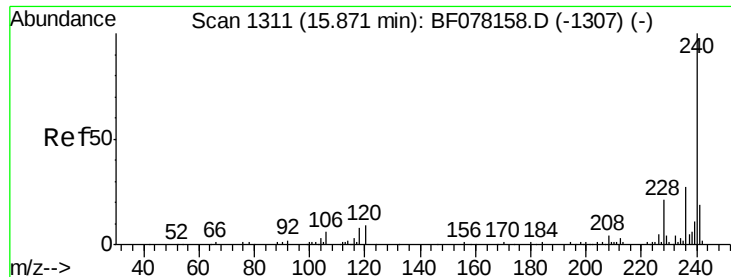
Tgt Ion:139 Resp: 213
Ion Ratio Lower Upper
139 100
109 136.8 36.7 76.7#
65 0.0 49.9 89.9#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.37 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF078529.D
Acq: 15 Apr 2015 7:44

Tgt Ion:188 Resp: 100851
Ion Ratio Lower Upper
188 100
94 8.3 9.0 13.4#
80 8.5 9.5 14.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.62 min Scan# 1263

Delta R.T. -0.03 min

Lab File: BF078529.D

Acq: 15 Apr 2015 7:44

Instrument :

BNA_F

ClientSampleId :

LS-SD03ARE

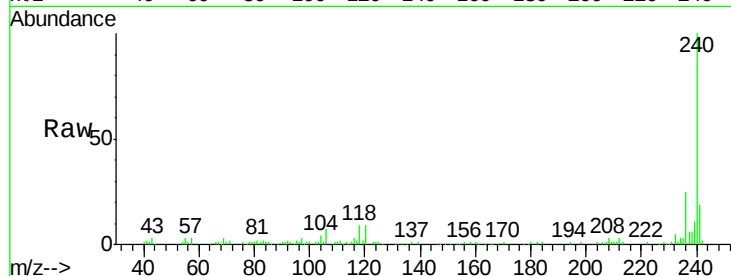
Tgt Ion:240 Resp: 115727

Ion Ratio Lower Upper

240 100

120 8.8 7.1 10.7

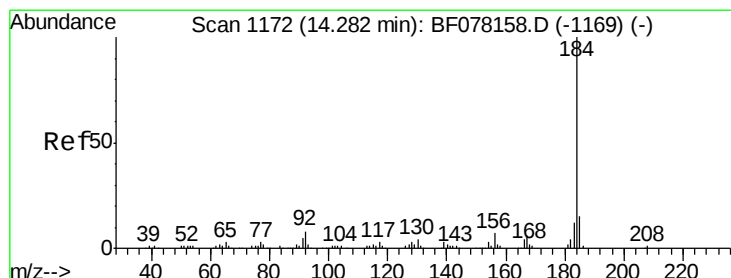
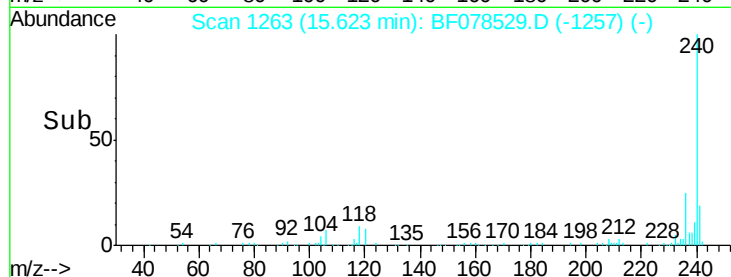
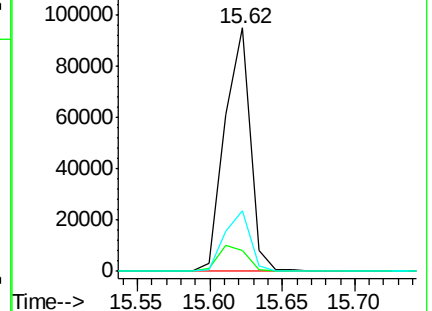
236 24.8 21.4 32.2



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



#76

Benzidine

Concen: 4.25 ng

RT: 14.06 min Scan# 1126

Delta R.T. -0.00 min

Lab File: BF078529.D

Acq: 15 Apr 2015 7:44

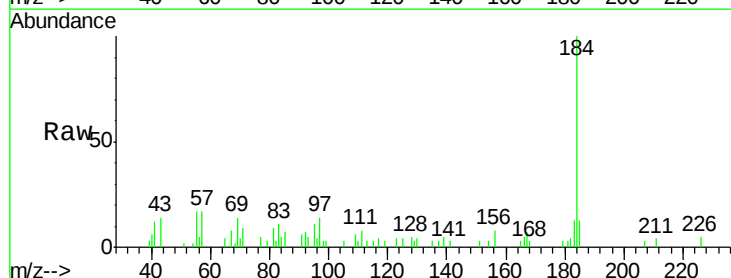
Tgt Ion:184 Resp: 18927

Ion Ratio Lower Upper

184 100

185 13.5 12.2 18.2

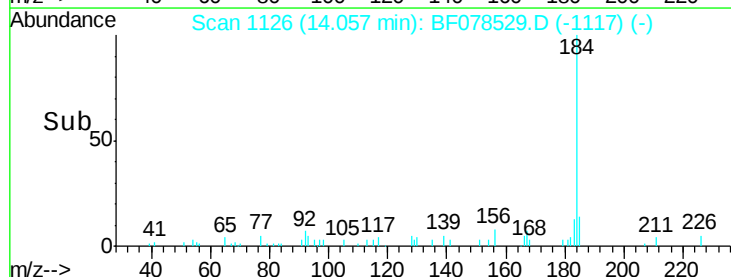
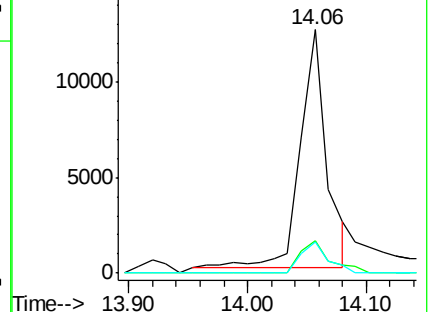
183 12.5 9.5 14.3

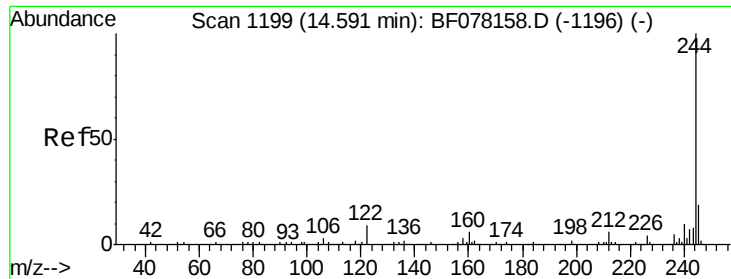


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 27.41 ng

RT: 14.35 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BF078529.D

Acq: 15 Apr 2015 7:44

Instrument :

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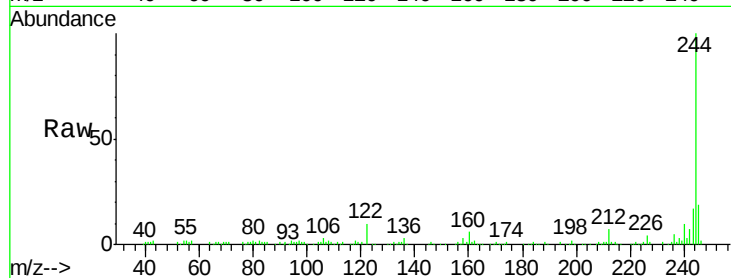
Tgt Ion:244 Resp: 140373

Ion Ratio Lower Upper

244 100

212 6.6 5.0 7.4

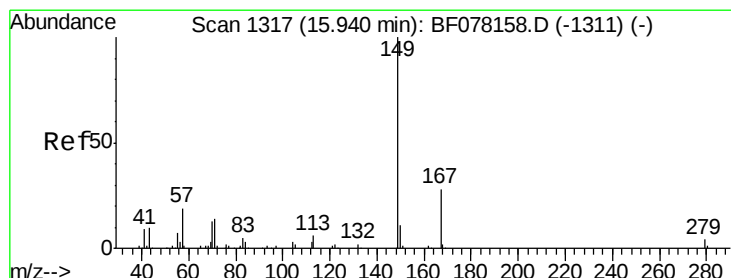
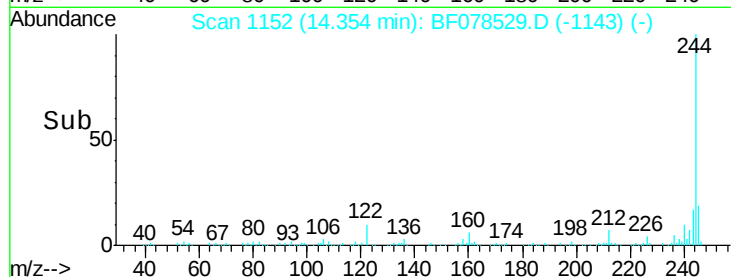
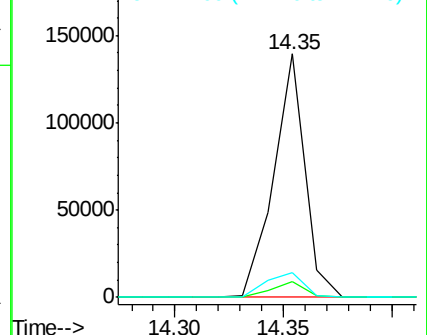
122 10.4 7.1 10.7



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 14.84 ng

RT: 15.70 min Scan# 1270

Delta R.T. -0.05 min

Lab File: BF078529.D

Acq: 15 Apr 2015 7:44

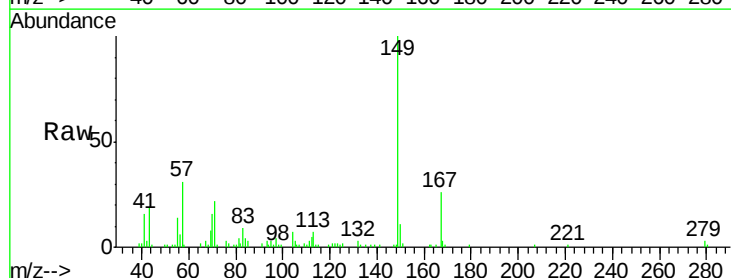
Tgt Ion:149 Resp: 64450

Ion Ratio Lower Upper

149 100

167 26.2 22.2 33.2

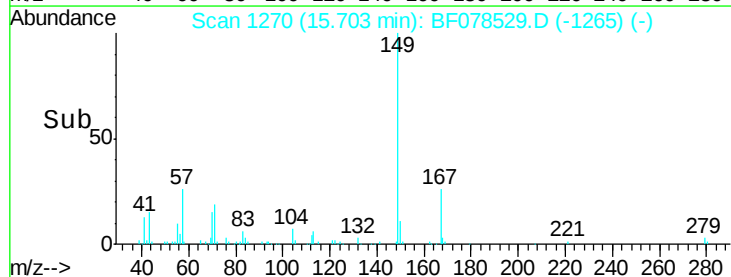
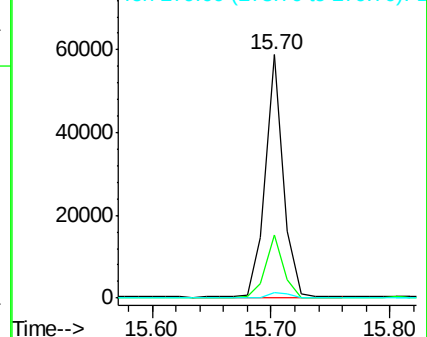
279 2.5 3.2 4.8#

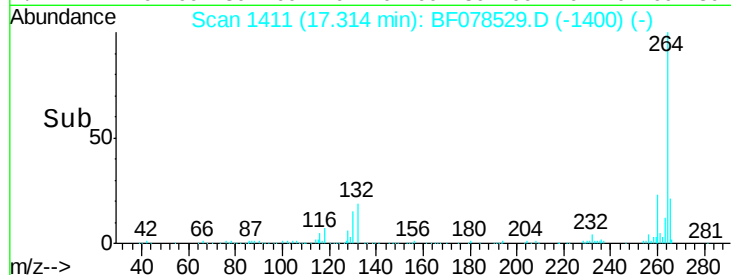
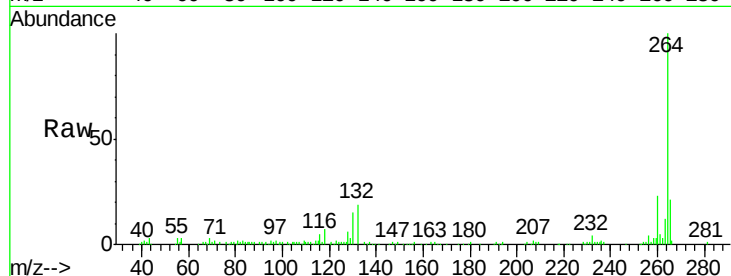
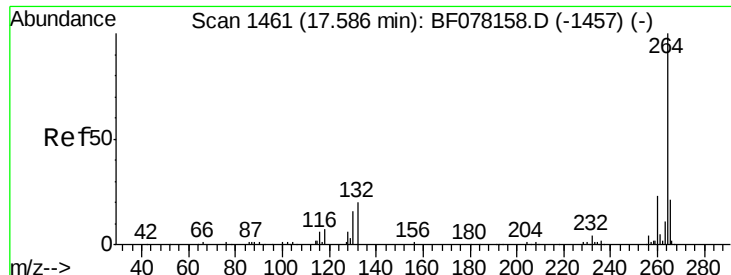


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.31 min Scan# 1411
Delta R.T. -0.17 min
Lab File: BF078529.D
Acq: 15 Apr 2015 7:44

Instrument :
BNA_F
ClientSampleId :
LS-SD03ARE

Tgt Ion:	264	Resp:	113103
Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	20.7	17.0	25.6

