

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041315\
 Data File : BF078469.D
 Acq On : 13 Apr 2015 19:33
 Operator : TP/IZ
 Sample : G1787-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD06C

Quant Time: Apr 14 01:24:02 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 01:02:55 2015
 Response via : Initial Calibration

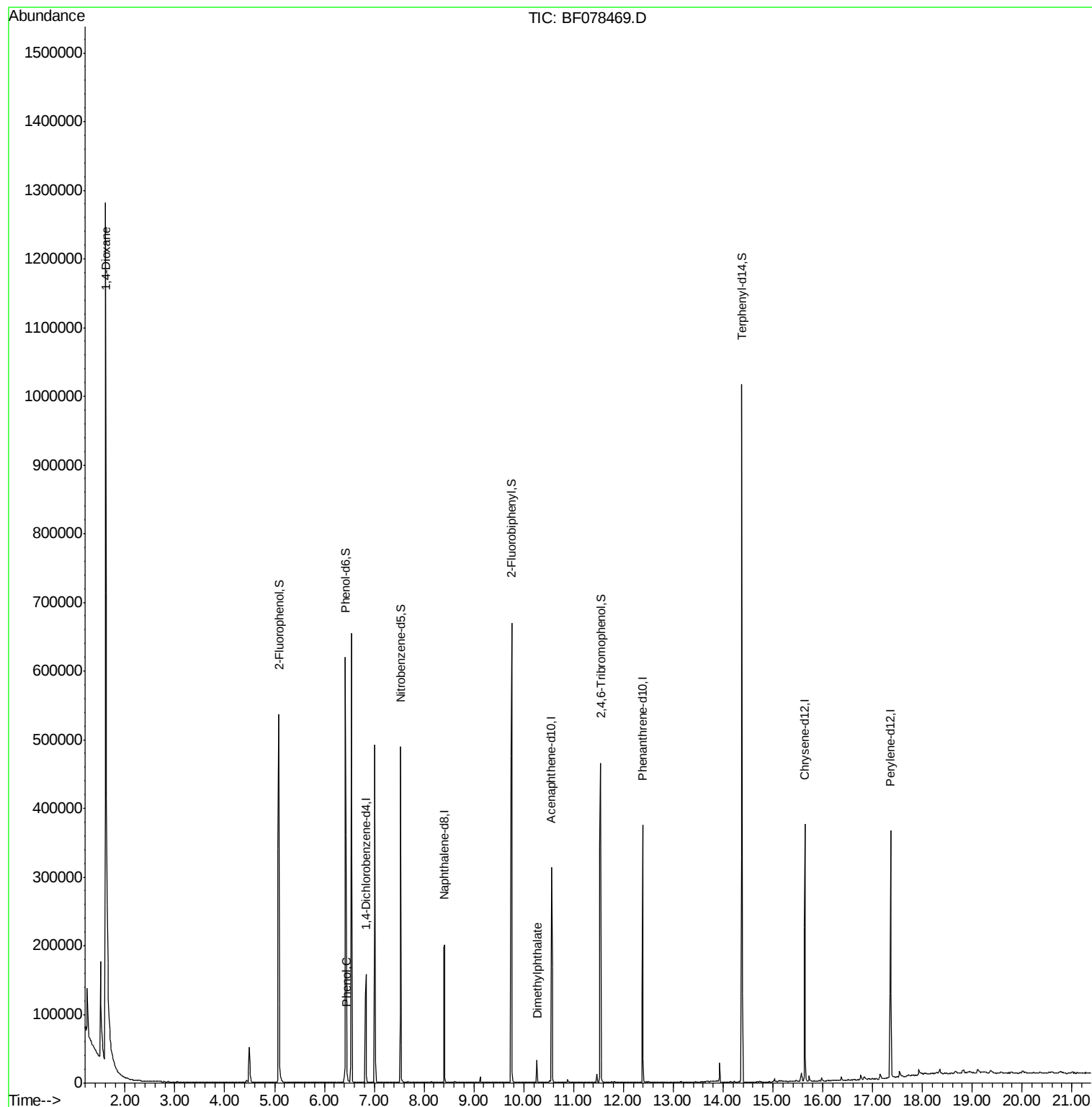
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	35615	20.00	ng	0.00
21) Naphthalene-d8	8.41	136	146379	20.00	ng	0.00
38) Acenaphthene-d10	10.56	164	76134	20.00	ng	-0.01
63) Phenanthrene-d10	12.39	188	153177	20.00	ng	0.00
75) Chrysene-d12	15.65	240	170744	20.00	ng	-0.01
86) Perylene-d12	17.36	264	165094	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	217216	100.56	ng	0.00
7) Phenol-d6	6.42	99	273699	101.10	ng	-0.01
23) Nitrobenzene-d5	7.53	82	159028	65.85	ng	-0.01
41) 2,4,6-Tribromophenol	11.54	330	72963	115.55	ng	0.00
44) 2-Fluorobiphenyl	9.76	172	290513	54.54	ng	0.00
78) Terphenyl-d14	14.38	244	366547	48.51	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	1.61	88	53299	54.57	ng	# 23
10) Phenol	6.44	94	6665	2.05	ng	91
49) Dimethylphthalate	10.27	163	21549	3.77	ng	# 98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 494

Delta R.T. 0.00 min

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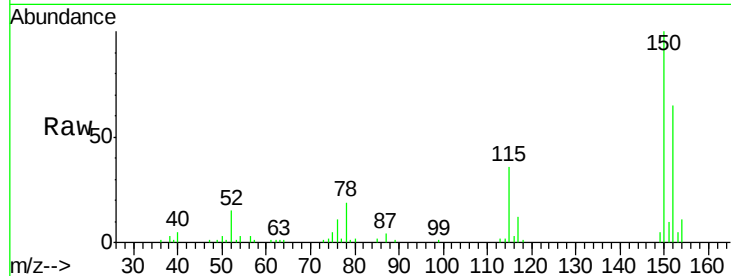
Tgt Ion:152 Resp: 35615

Ion Ratio Lower Upper

152 100

150 153.4 125.9 188.9

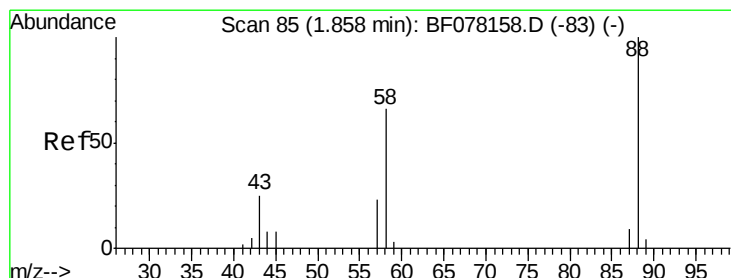
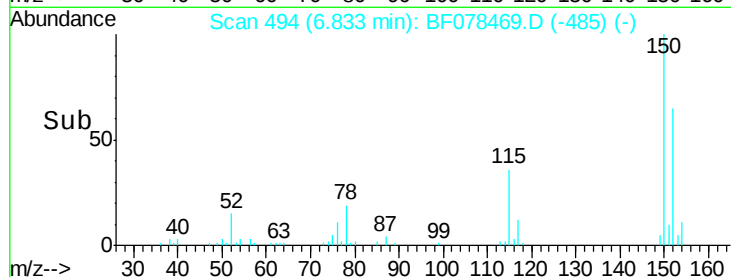
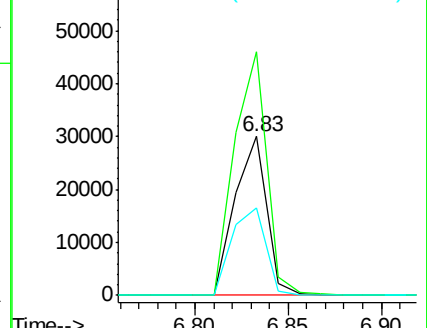
115 55.5 52.7 79.1



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



#2

1,4-Dioxane

Concen: 54.57 ng

RT: 1.61 min Scan# 37

Delta R.T. 0.00 min

Lab File: BF078469.D

Acq: 13 Apr 2015 19:33

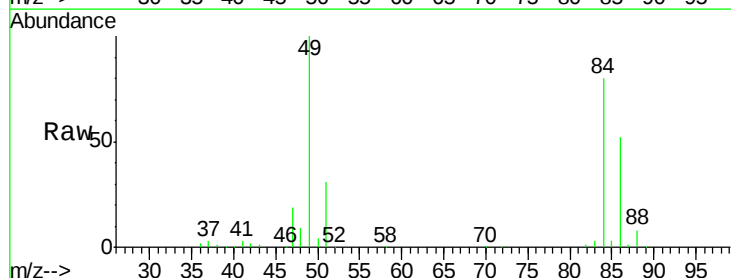
Tgt Ion: 88 Resp: 53299

Ion Ratio Lower Upper

88 100

58 0.0 56.9 85.3#

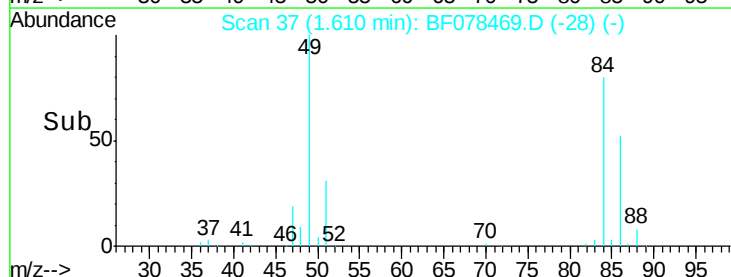
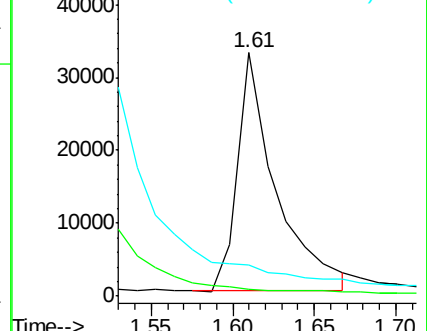
43 0.0 21.4 32.2#

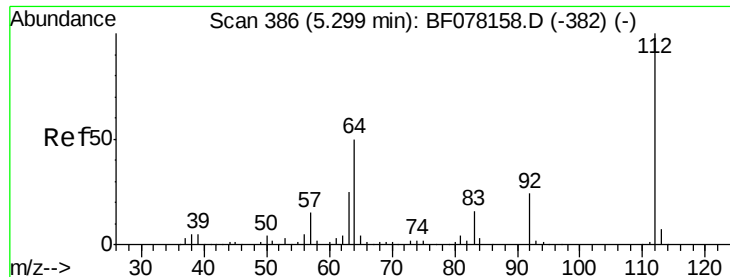


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 100.56 ng

RT: 5.08 min Scan# 341

Delta R.T. 0.00 min

Lab File: BF078469.D

Acq: 13 Apr 2015 19:33

Instrument :

BNA_F

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LS-SD06C

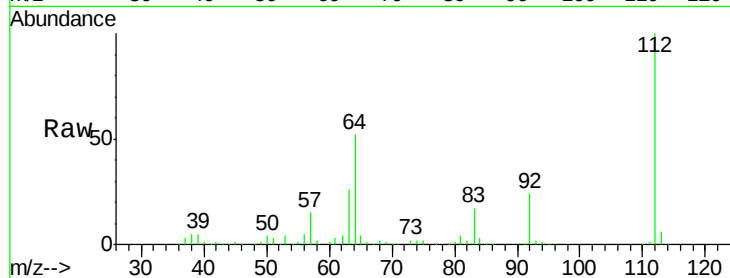
Tgt Ion: 112 Resp: 217216

Ion Ratio Lower Upper

112 100

64 51.7 39.9 59.9

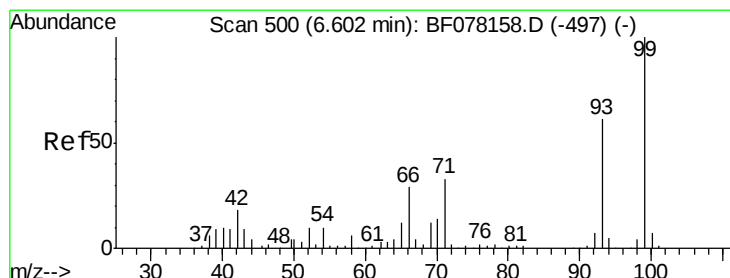
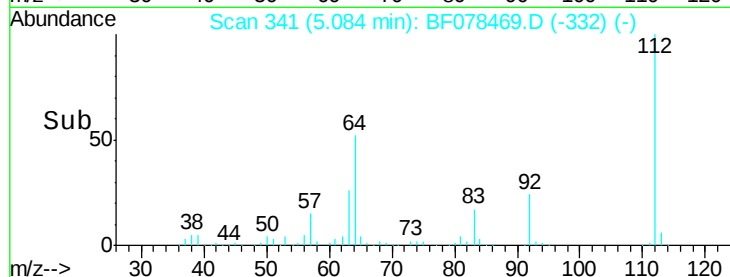
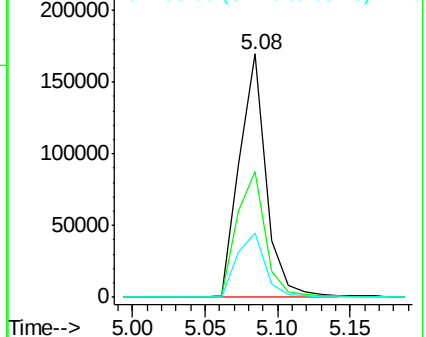
63 26.3 20.2 30.4



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: 101.10 ng

RT: 6.42 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF078469.D

Acq: 13 Apr 2015 19:33

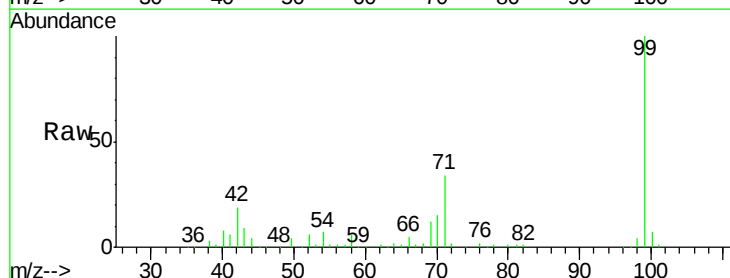
Tgt Ion: 99 Resp: 273699

Ion Ratio Lower Upper

99 100

42 19.1 14.8 22.2

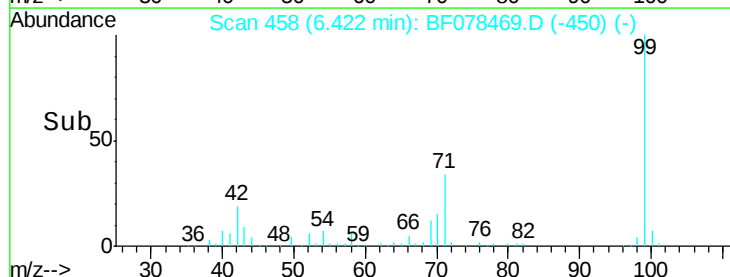
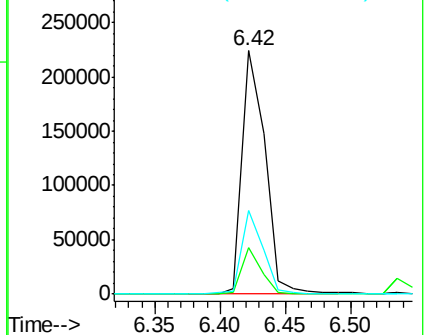
71 34.2 26.6 39.8

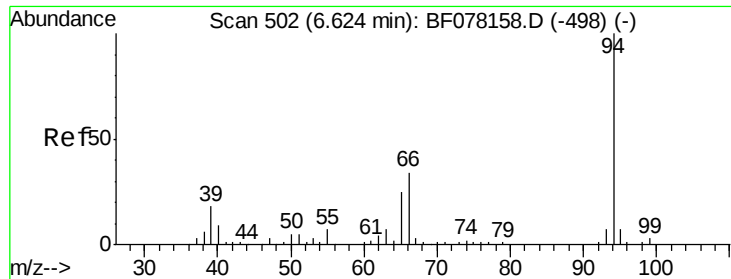


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

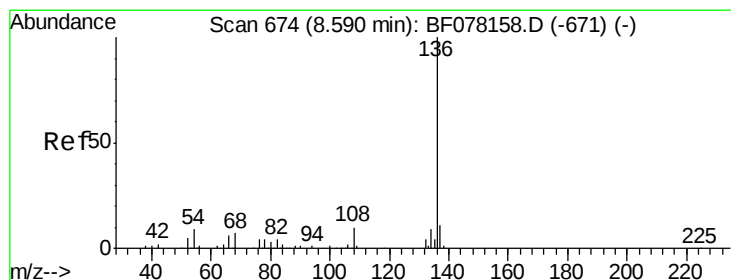
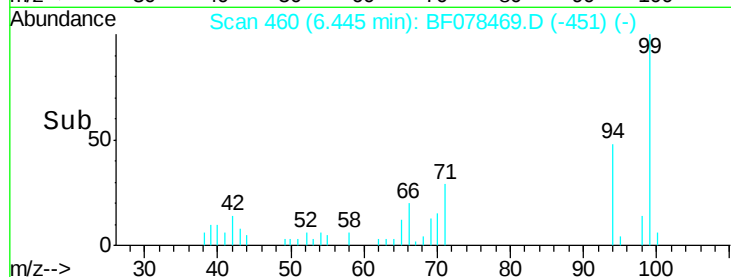
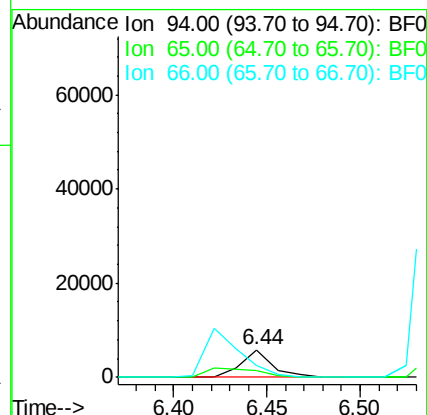
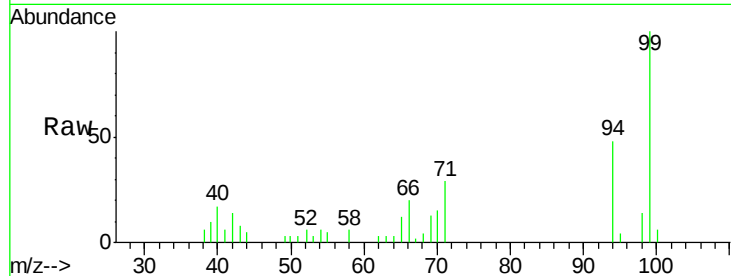




#10
Phenol
Concen: 2.05 ng
RT: 6.44 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF078469.D
Acq: 13 Apr 2015 19:33

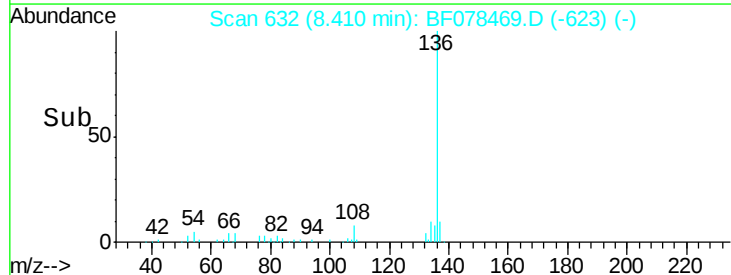
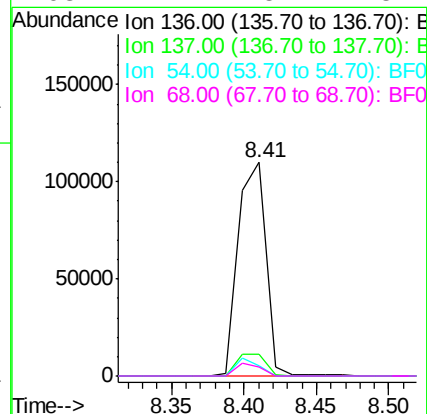
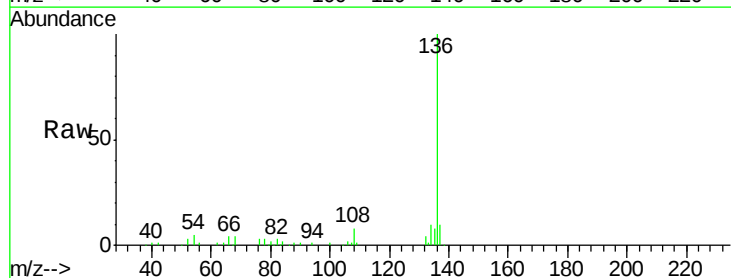
Instrument :
BNA_F
ClientSampleId :
LS-SD06C

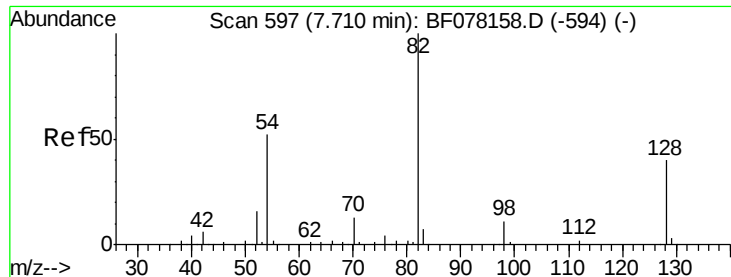
Tgt Ion: 94 Resp: 6665
Ion Ratio Lower Upper
94 100
65 25.6 4.9 44.9
66 41.9 13.8 53.8



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.41 min Scan# 632
Delta R.T. 0.00 min
Lab File: BF078469.D
Acq: 13 Apr 2015 19:33

Tgt Ion: 136 Resp: 146379
Ion Ratio Lower Upper
136 100
137 10.1 9.0 13.4
54 5.1 7.0 10.6#
68 4.1 5.4 8.2#

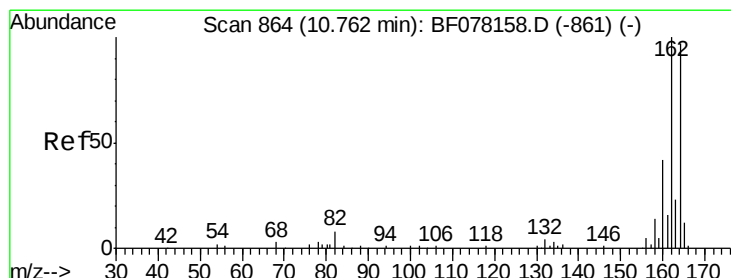
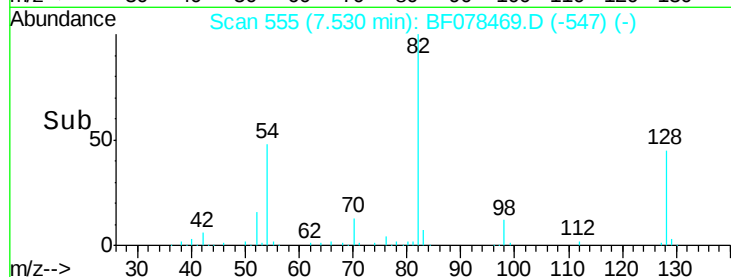
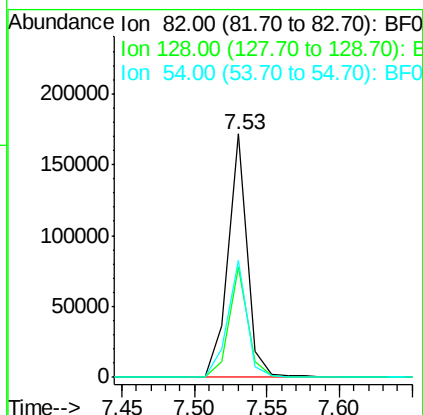
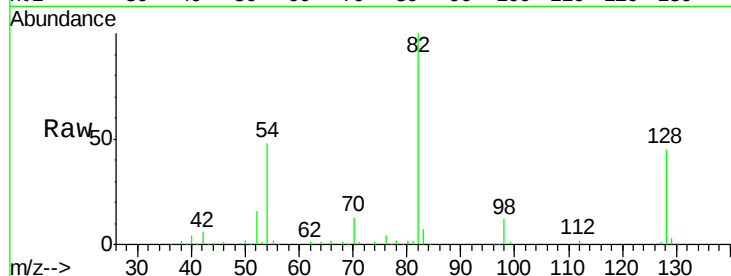




#23
 Nitrobenzene-d5
 Concen: 65.85 ng
 RT: 7.53 min Scan# 555
 Delta R.T. -0.01 min
 Lab File: BF078469.D
 Acq: 13 Apr 2015 19:33

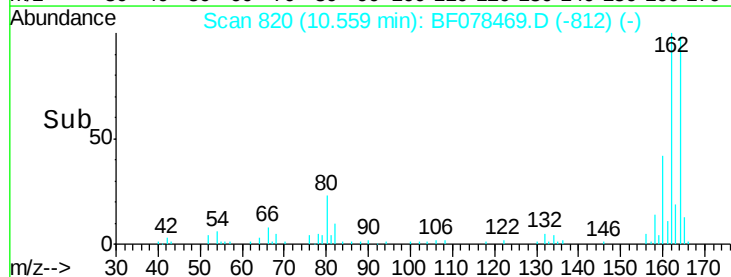
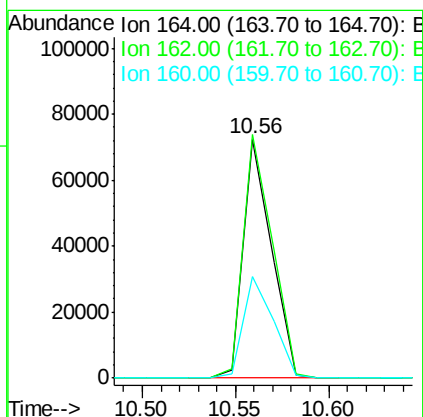
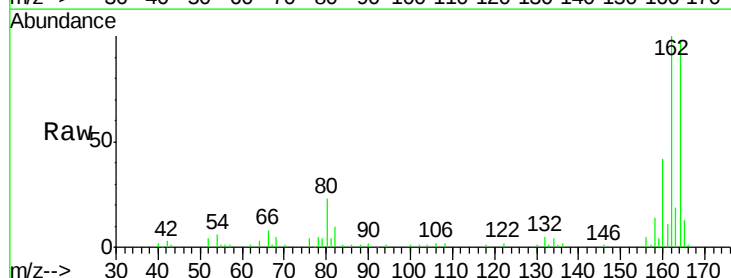
Instrument :
 BNA_F
 ClientSampleId :
 LS-SD06C

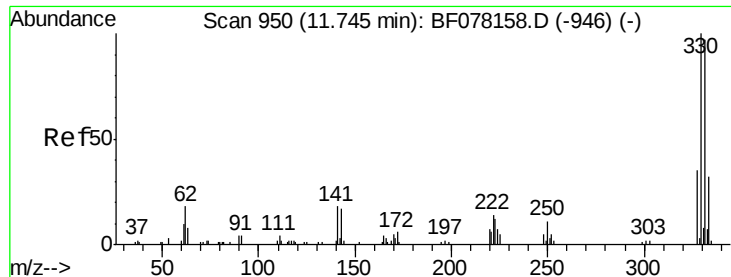
Tgt Ion: 82 Resp: 159028
 Ion Ratio Lower Upper
 82 100
 128 45.3 31.8 47.8
 54 48.2 41.5 62.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.56 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF078469.D
 Acq: 13 Apr 2015 19:33

Tgt Ion: 164 Resp: 76134
 Ion Ratio Lower Upper
 164 100
 162 102.0 82.2 123.2
 160 42.8 34.7 52.1

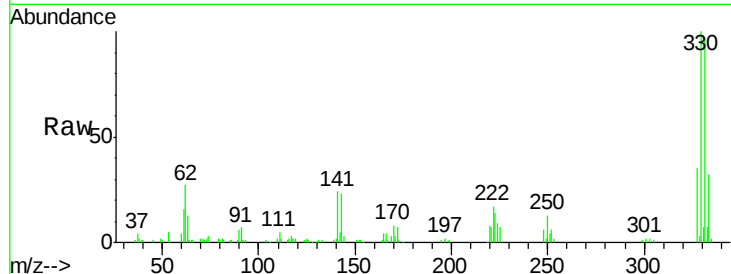




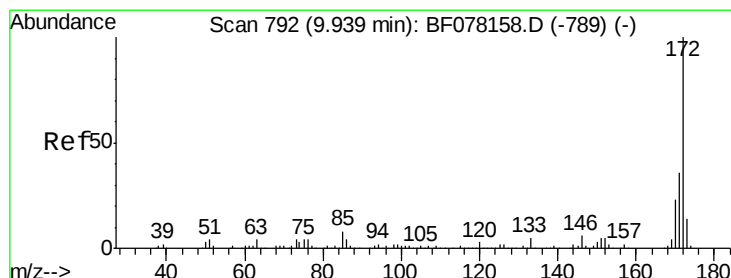
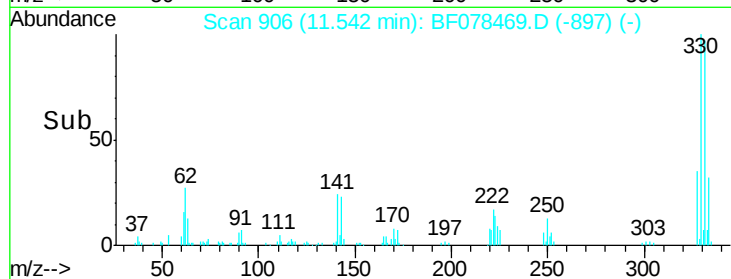
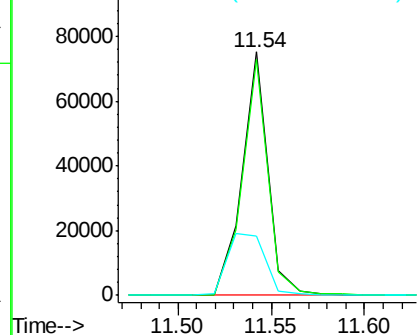
#41
 2,4,6-Tribromophenol
 Concen: 115.55 ng
 RT: 11.54 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF078469.D
 Acq: 13 Apr 2015 19:33

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD06C

Tgt Ion:330 Resp: 72963
 Ion Ratio Lower Upper
 330 100
 332 96.8 78.6 117.8
 141 37.1 31.2 46.8

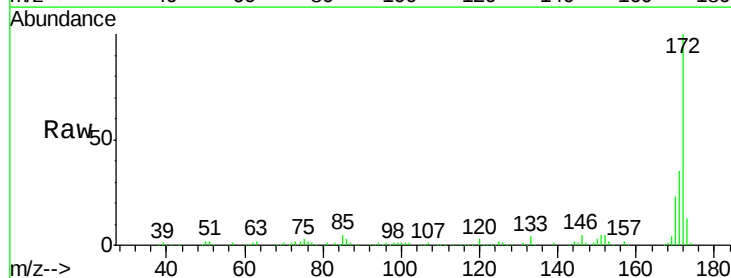


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

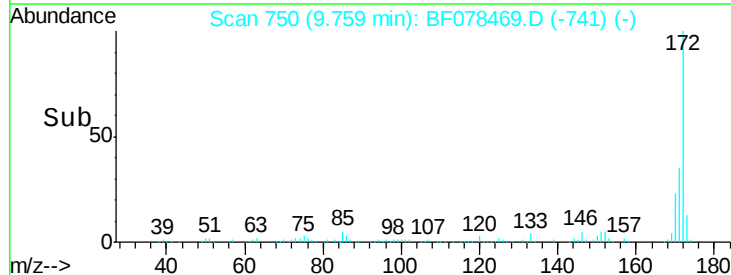
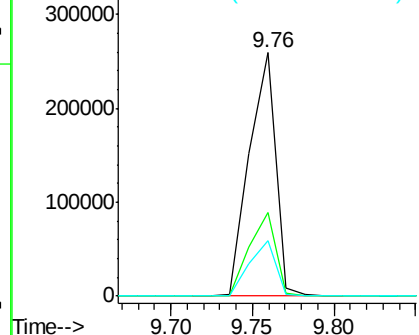


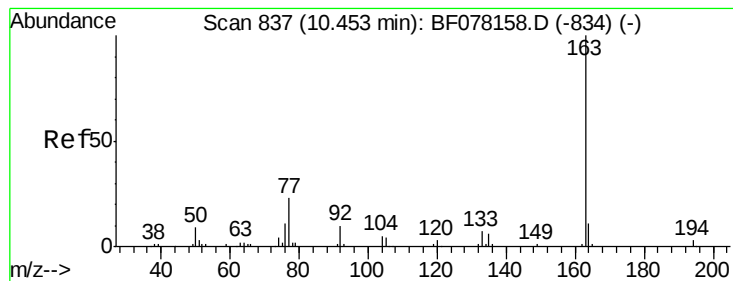
#44
 2-Fluorobiphenyl
 Concen: 54.54 ng
 RT: 9.76 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF078469.D
 Acq: 13 Apr 2015 19:33

Tgt Ion:172 Resp: 290513
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.6 42.8
 170 23.0 18.5 27.7



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





#49

Dimethylphthalate

Concen: 3.77 ng

RT: 10.27 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF078469.D

Acq: 13 Apr 2015 19:33

Instrument :

BNA_F

ClientSampleId :

LS-SD06C

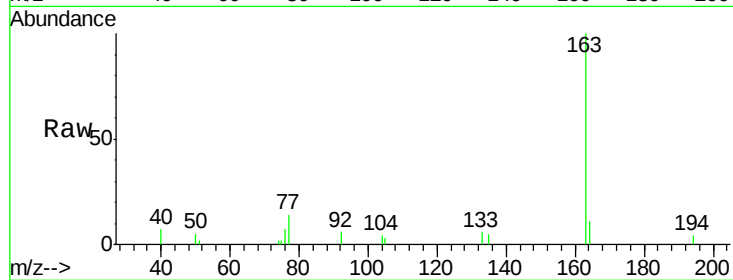
Tgt Ion:163 Resp: 21549

Ion Ratio Lower Upper

163 100

194 4.2 2.3 3.5#

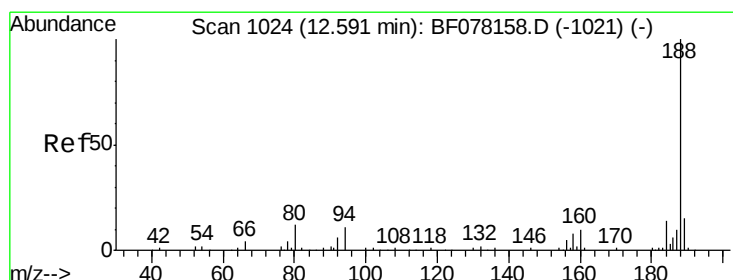
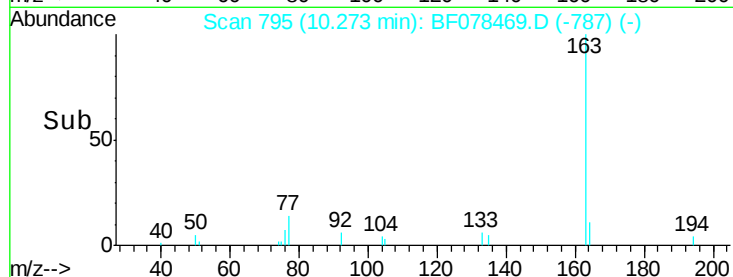
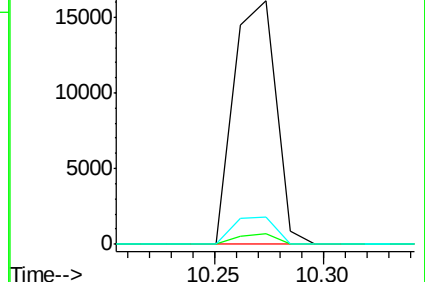
164 11.2 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.39 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF078469.D

Acq: 13 Apr 2015 19:33

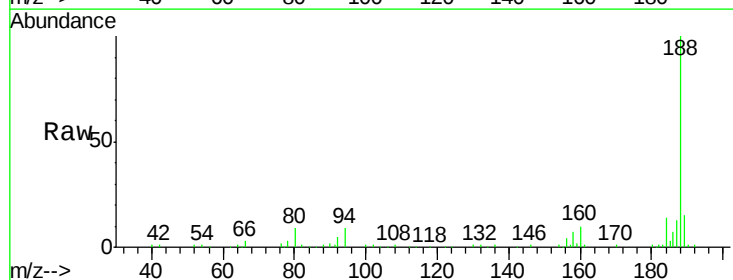
Tgt Ion:188 Resp: 153177

Ion Ratio Lower Upper

188 100

94 8.7 9.0 13.4#

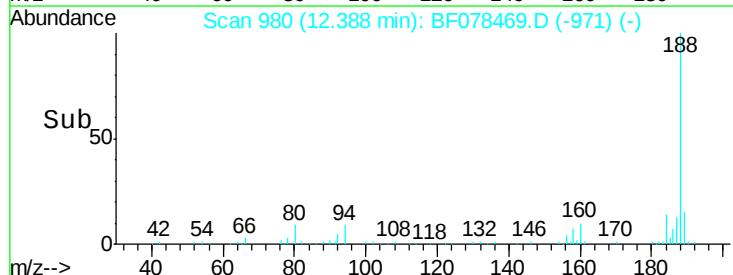
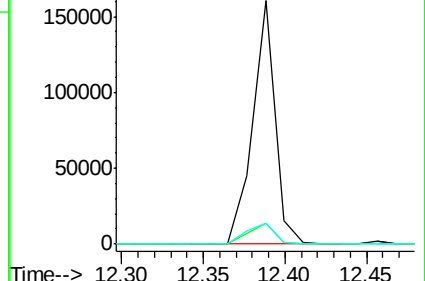
80 8.6 9.5 14.3#

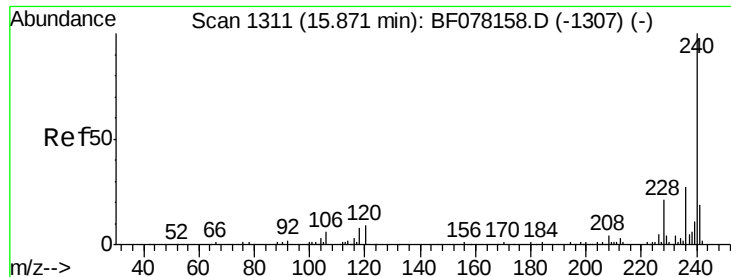


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

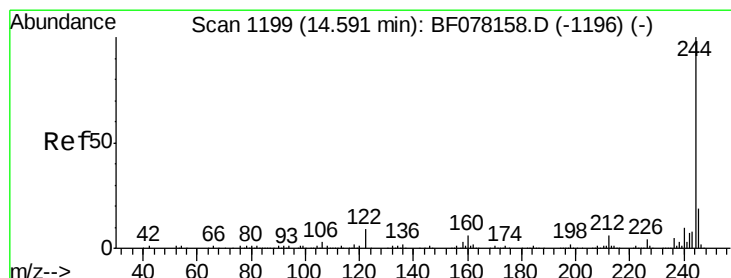
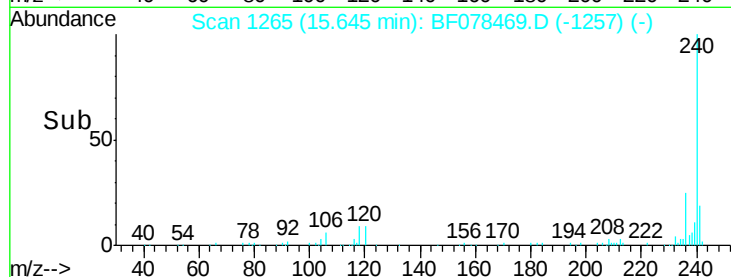
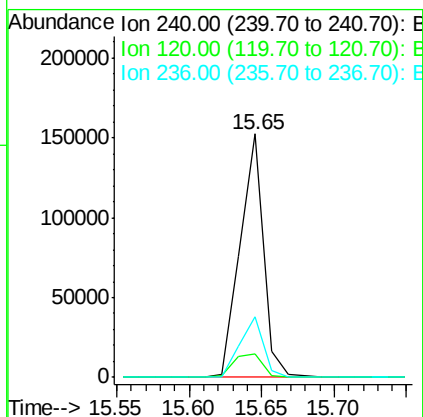
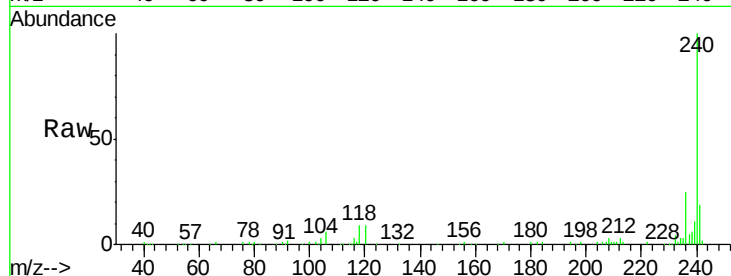




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.65 min Scan# 1265
 Delta R.T. -0.01 min
 Lab File: BF078469.D
 Acq: 13 Apr 2015 19:33

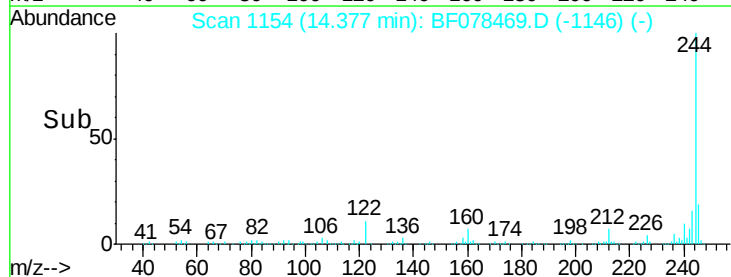
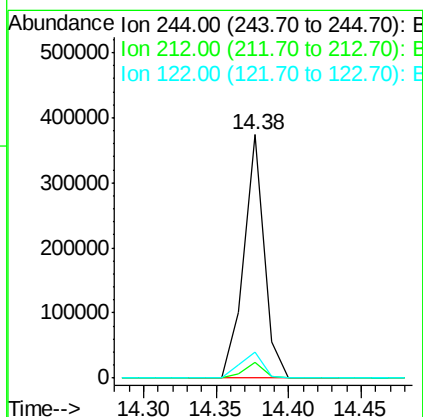
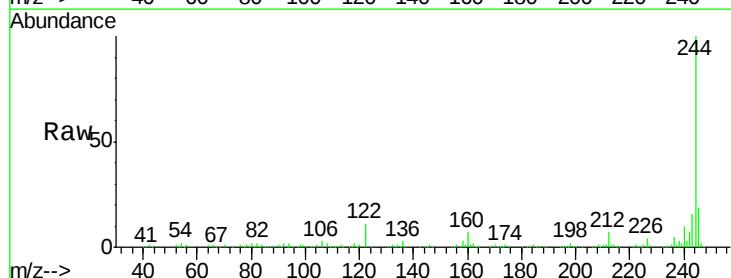
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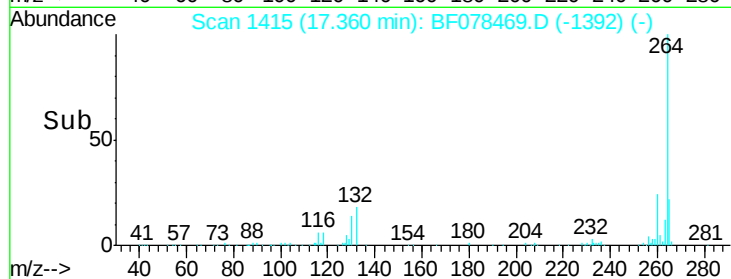
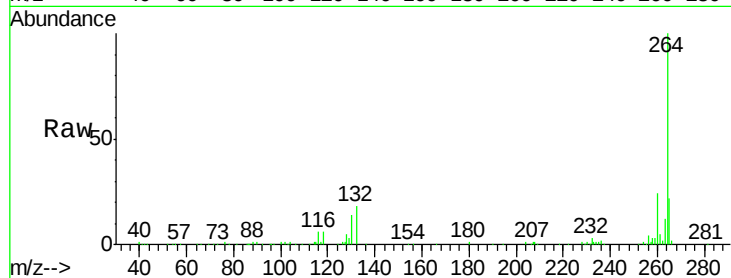
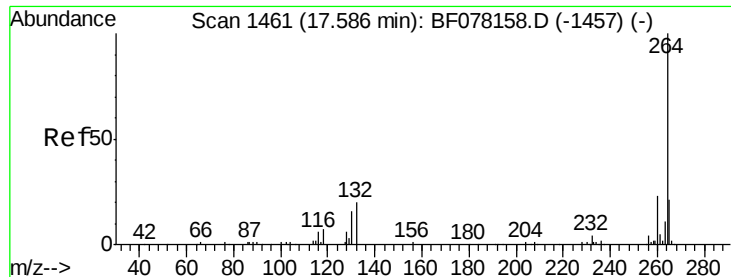
Tgt Ion: 240 Resp: 170744
 Ion Ratio Lower Upper
 240 100
 120 9.4 7.1 10.7
 236 25.1 21.4 32.2



#78
 Terphenyl-d14
 Concen: 48.51 ng
 RT: 14.38 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF078469.D
 Acq: 13 Apr 2015 19:33

Tgt Ion: 244 Resp: 366547
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.0 7.4
 122 10.8 7.1 10.7#





#86

Perylene-d12

Concen: 20.00 ng

RT: 17.36 min Scan# 1415

Delta R.T. -0.03 min

Lab File: BF078469.D

Acq: 13 Apr 2015 19:33

Instrument :

BNA_F

ClientSampleId :

LS-SD06C

Tgt Ion:264 Resp: 165094

Ion Ratio Lower Upper

264 100

260 23.8 18.6 27.8

265 21.7 17.0 25.6

