

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050615\
 Data File : BF078981.D
 Acq On : 7 May 2015 6:10
 Operator : TP/IZ
 Sample : G2034-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-02

Quant Time: May 07 07:05:58 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 07 05:28:56 2015
 Response via : Initial Calibration

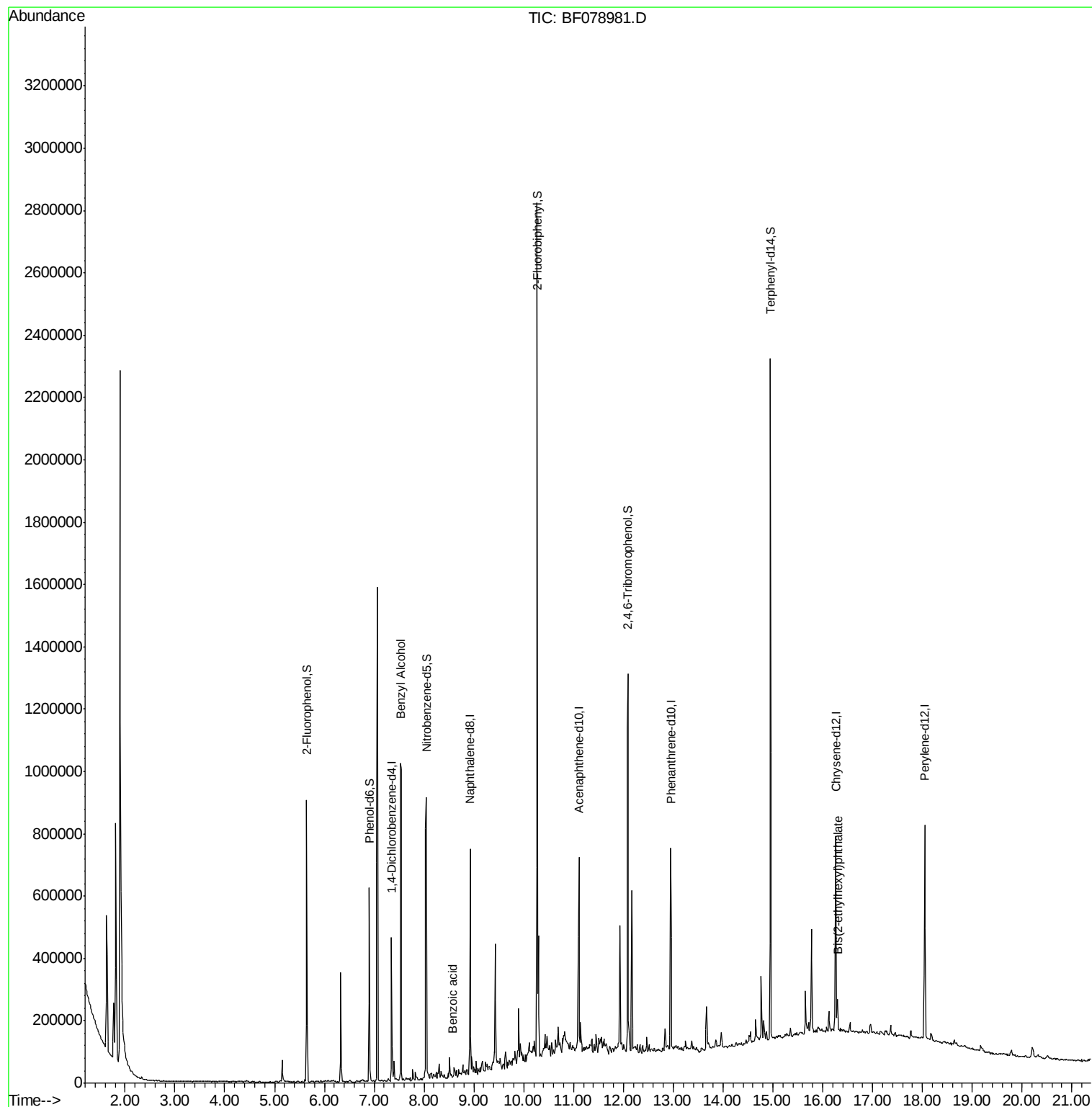
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	66411	20.00	ng	0.00
21) Naphthalene-d8	8.92	136	297349	20.00	ng	0.00
38) Acenaphthene-d10	11.11	164	147116	20.00	ng	0.00
63) Phenanthrene-d10	12.95	188	285650	20.00	ng	0.00
75) Chrysene-d12	16.26	240	318956	20.00	ng	0.01
86) Perylene-d12	18.05	264	326692	20.00	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	258249	66.94	ng	0.00
7) Phenol-d6	6.90	99	235073	46.10	ng	0.00
23) Nitrobenzene-d5	8.04	82	414789	80.17	ng	0.00
41) 2,4,6-Tribromophenol	12.09	330	220313	138.43	ng	0.00
44) 2-Fluorobiphenyl	10.27	172	827586	78.37	ng	0.00
78) Terphenyl-d14	14.95	244	793436	59.56	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.53	79	7761	2.05	ng	Qvalue # 57
32) Benzoic acid	8.57	122	232	6.39	ng	# 54
83) Bis(2-ethylhexyl)phthalate	16.30	149	32509	2.67	ng	100

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

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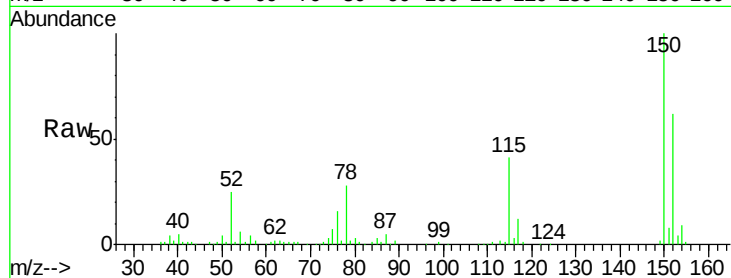




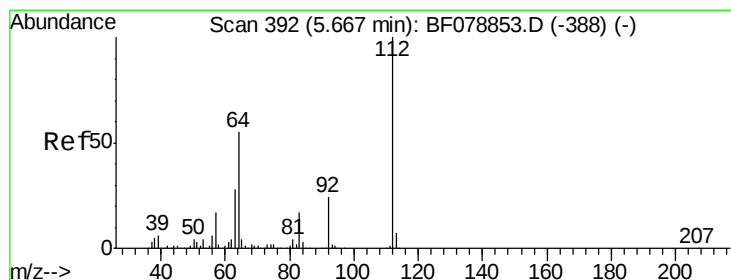
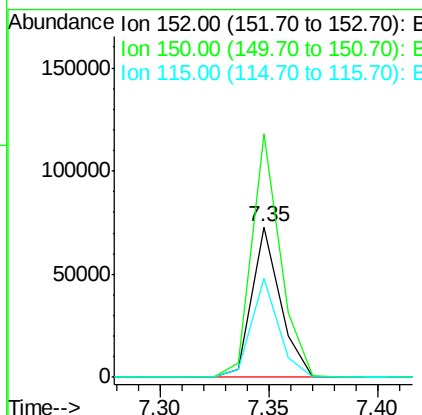
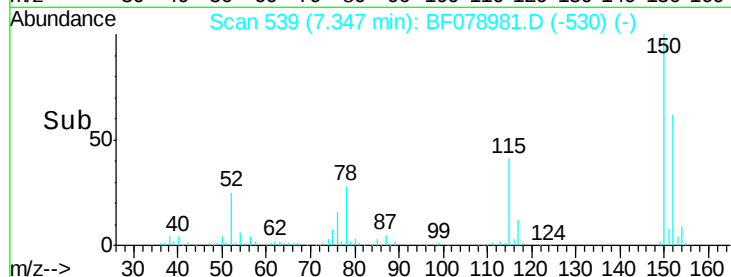
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.35 min Scan# 539
 Delta R.T. -0.00 min
 Lab File: BF078981.D
 Acq: 7 May 2015 6:10

Instrument :
 BNA_F
 ClientSampleId :
 W-02

Tgt Ion:152 Resp: 66411
 Ion Ratio Lower Upper
 152 100
 150 162.0 122.0 183.0
 115 66.2 46.3 69.5

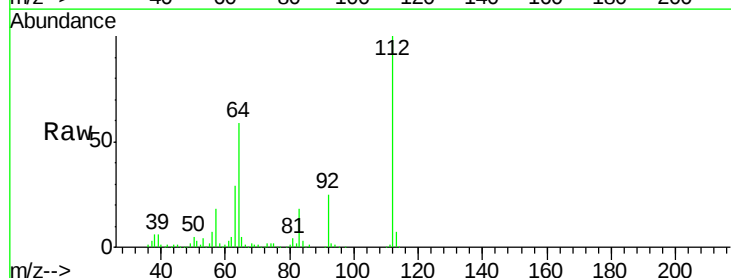


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

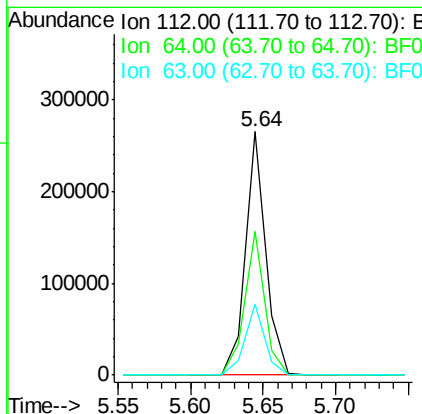
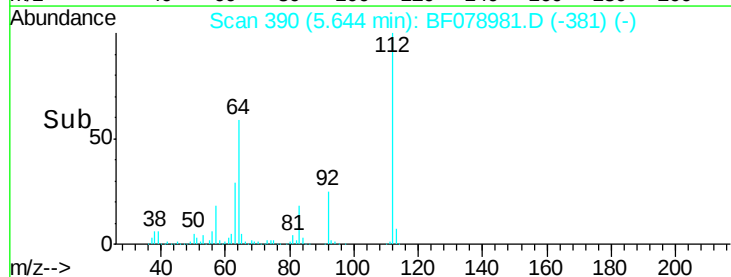


#5
 2-Fluorophenol
 Concen: 66.94 ng
 RT: 5.64 min Scan# 390
 Delta R.T. -0.00 min
 Lab File: BF078981.D
 Acq: 7 May 2015 6:10

Tgt Ion:112 Resp: 258249
 Ion Ratio Lower Upper
 112 100
 64 59.1 53.5 80.3
 63 29.3 27.5 41.3



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: 46.10 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF078981.D

Acq: 7 May 2015 6:10

Instrument :

BNA_F

ClientSampleId :

W-02

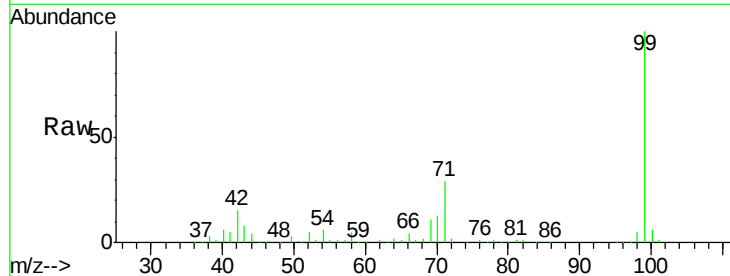
Tgt Ion: 99 Resp: 235073

Ion Ratio Lower Upper

99 100

42 15.1 12.8 19.2

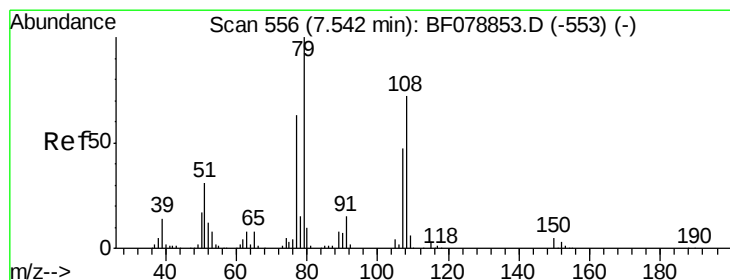
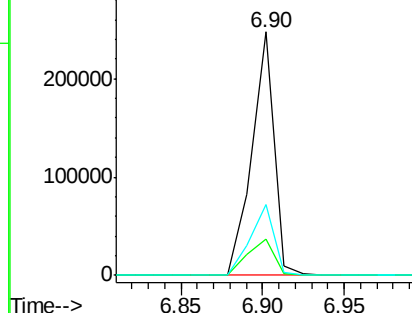
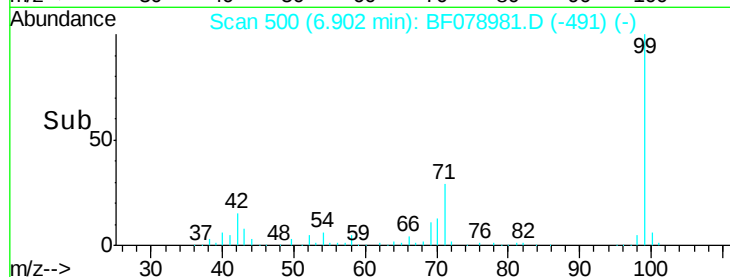
71 29.1 23.4 35.2



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



#15

Benzyl Alcohol

Concen: 2.05 ng

RT: 7.53 min Scan# 555

Delta R.T. -0.00 min

Lab File: BF078981.D

Acq: 7 May 2015 6:10

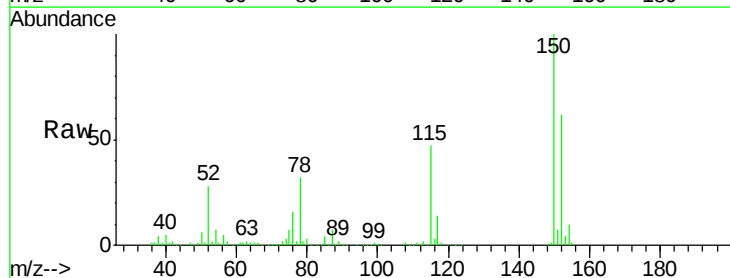
Tgt Ion: 79 Resp: 7761

Ion Ratio Lower Upper

79 100

108 32.4 62.5 93.7#

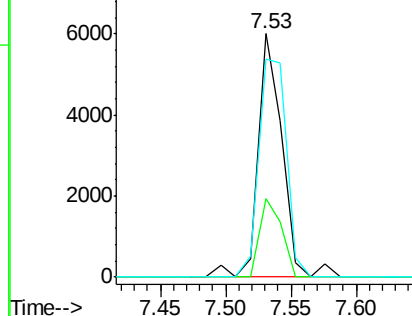
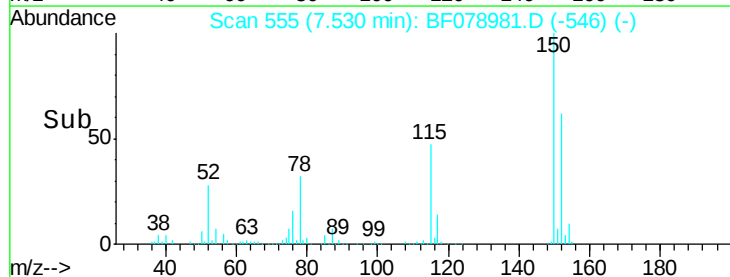
77 89.7 52.2 78.4#

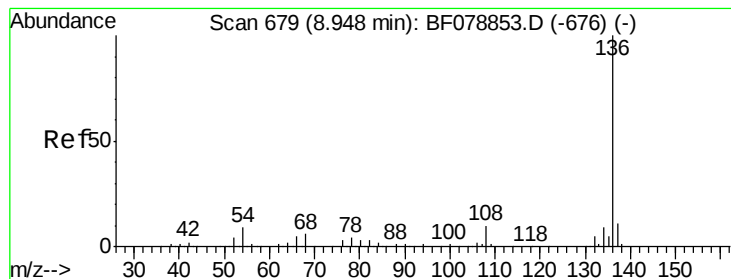


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.92 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF078981.D

Acq: 7 May 2015 6:10

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:136 Resp: 297349

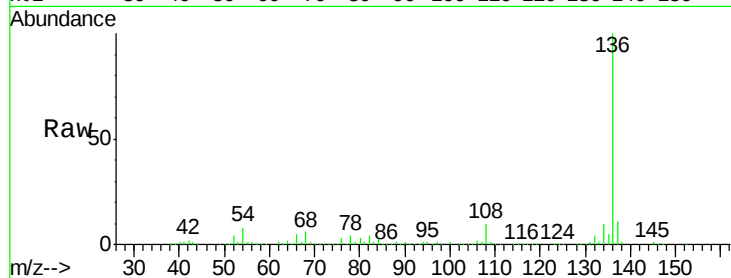
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 8.2 5.8 8.8

68 6.0 4.2 6.4

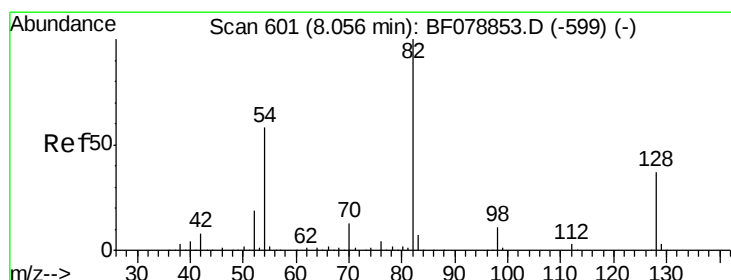
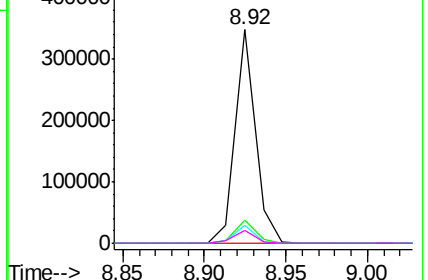
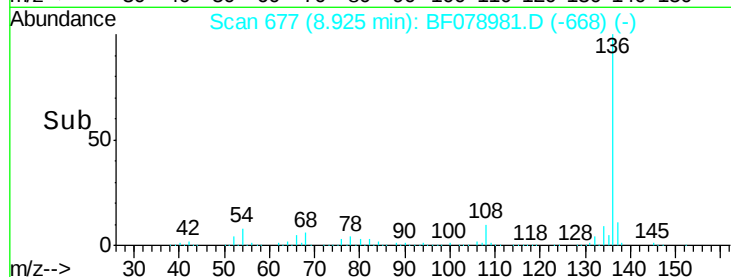


Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.17 ng

RT: 8.04 min Scan# 600

Delta R.T. -0.00 min

Lab File: BF078981.D

Acq: 7 May 2015 6:10

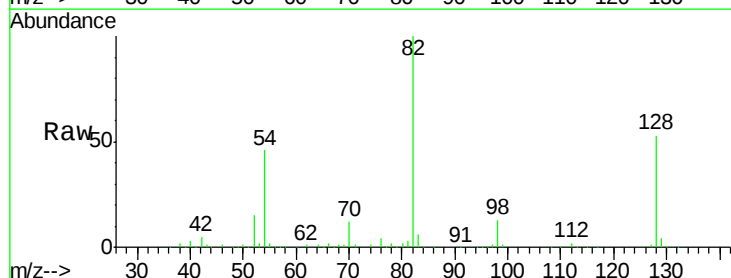
Tgt Ion: 82 Resp: 414789

Ion Ratio Lower Upper

82 100

128 53.5 30.0 45.0#

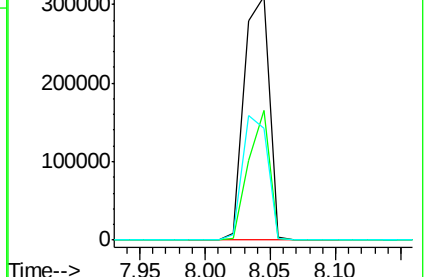
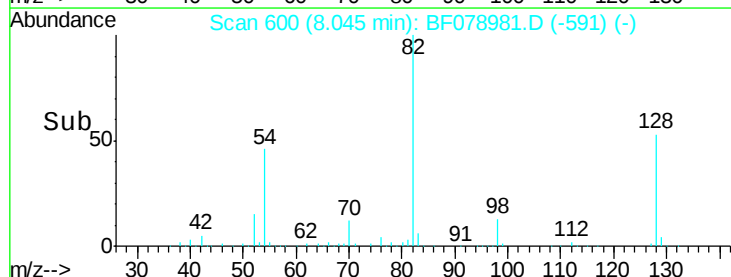
54 45.7 46.4 69.6#

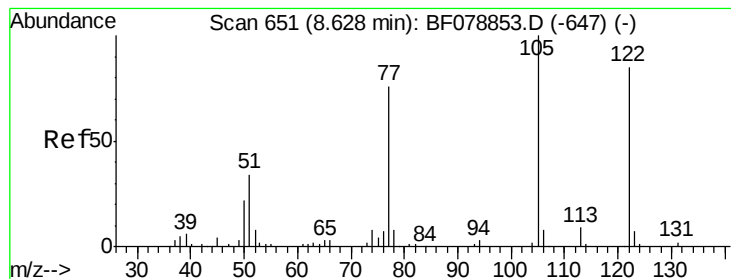


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#32

Benzoic acid

Concen: 6.39 ng

RT: 8.57 min Scan# 646

Delta R.T. -0.06 min

Lab File: BF078981.D

Acq: 7 May 2015 6:10

Instrument :

BNA_F

ClientSampleId :

W-02

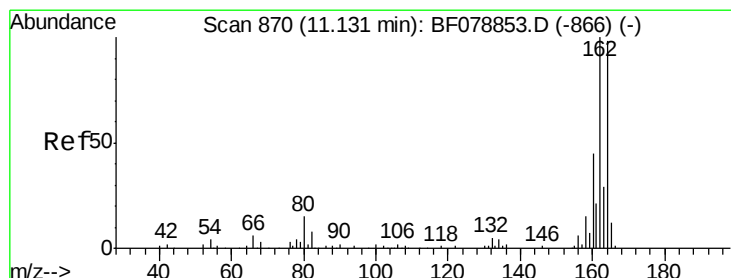
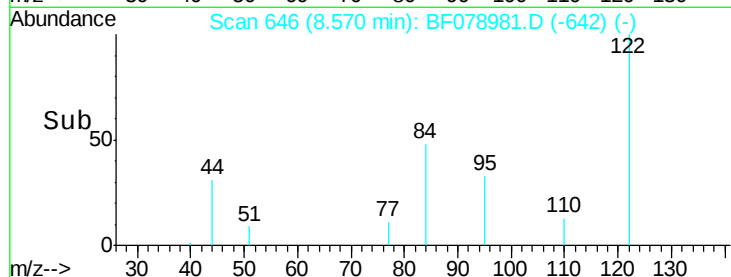
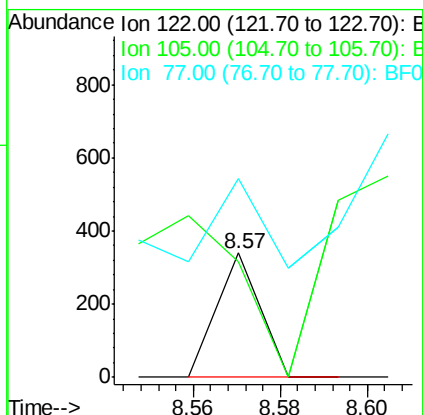
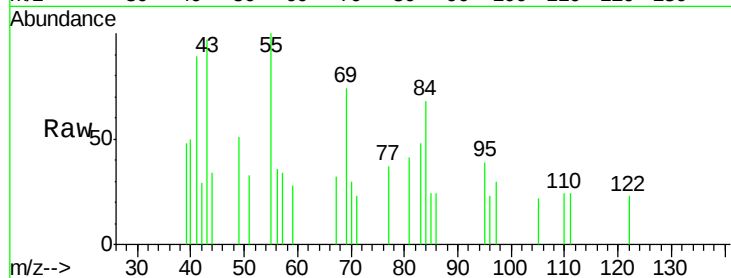
Tgt Ion:122 Resp: 232

Ion Ratio Lower Upper

122 100

105 93.2 107.1 147.1#

77 159.9 73.9 113.9#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.11 min Scan# 868

Delta R.T. -0.00 min

Lab File: BF078981.D

Acq: 7 May 2015 6:10

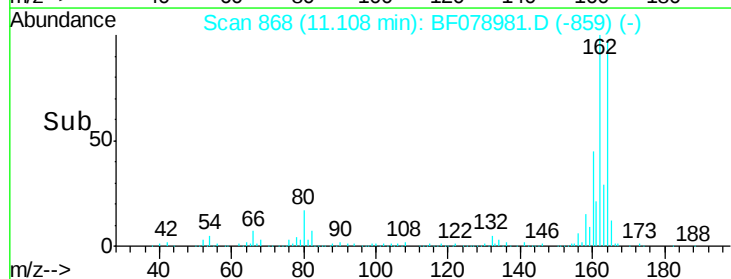
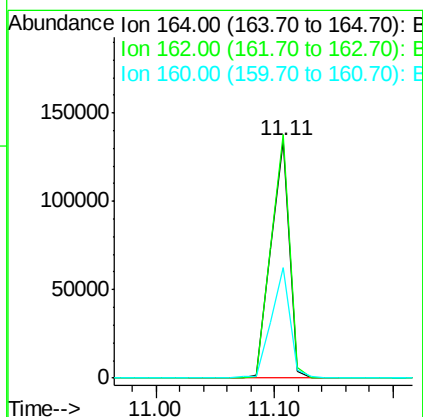
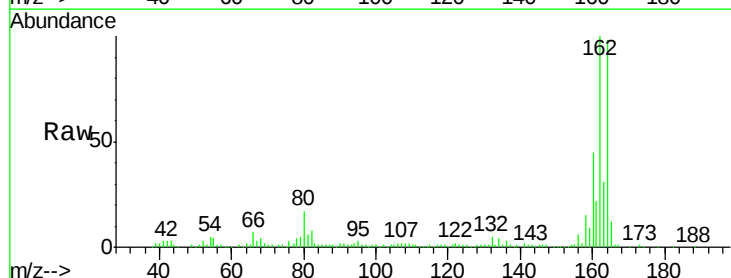
Tgt Ion:164 Resp: 147116

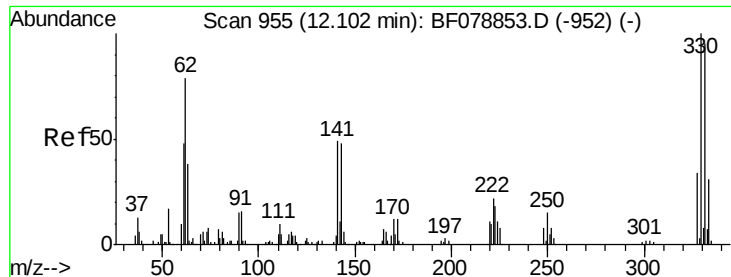
Ion Ratio Lower Upper

164 100

162 102.5 82.7 124.1

160 46.3 35.8 53.8

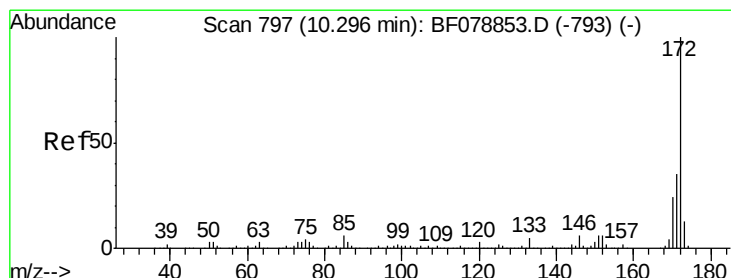
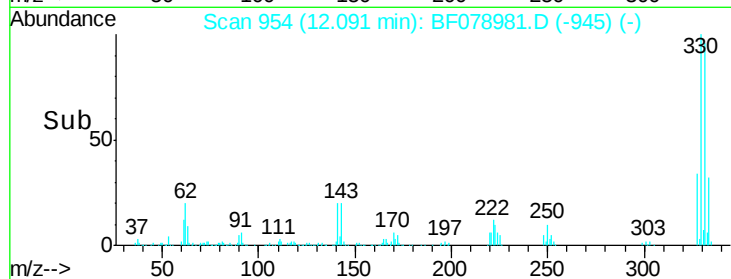
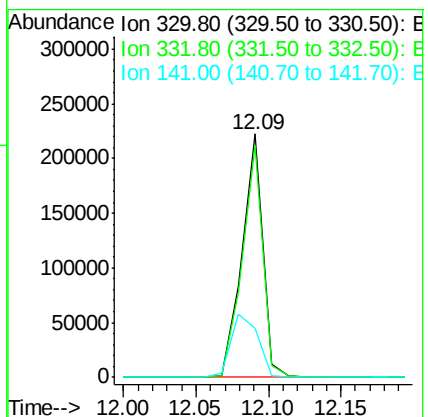
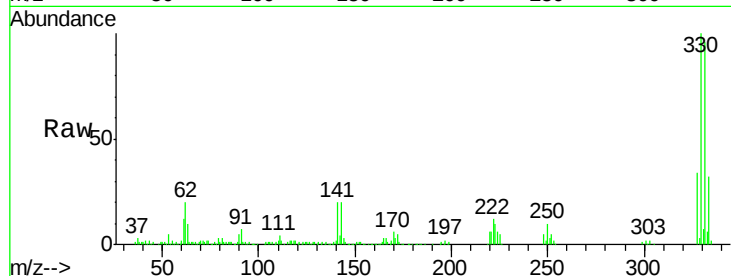




#41
 2,4,6-Tribromophenol
 Concen: 138.43 ng
 RT: 12.09 min Scan# 954
 Delta R.T. -0.00 min
 Lab File: BF078981.D
 Acq: 7 May 2015 6:10

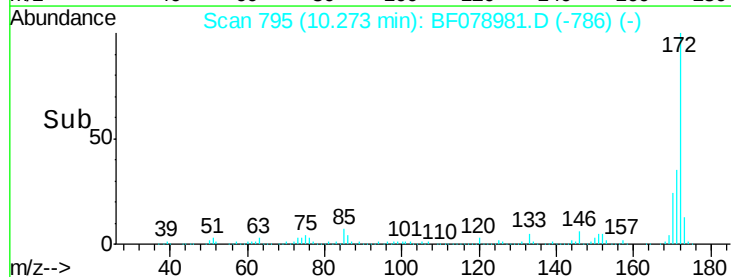
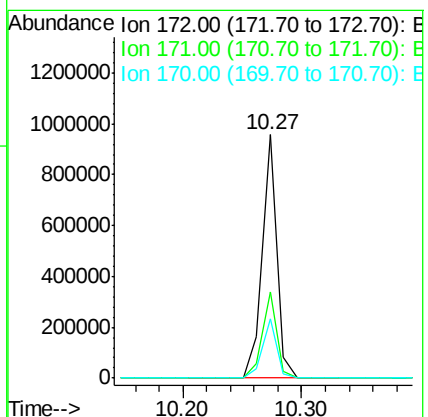
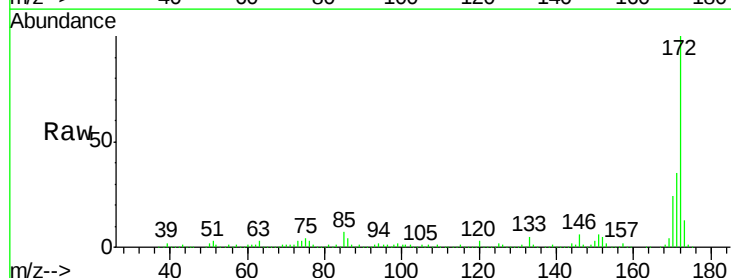
Instrument :
 BNA_F
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Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.1	0.0	0.0#
141	33.3	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 78.37 ng
 RT: 10.27 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF078981.D
 Acq: 7 May 2015 6:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.9	41.9
170	24.3	19.4	29.0

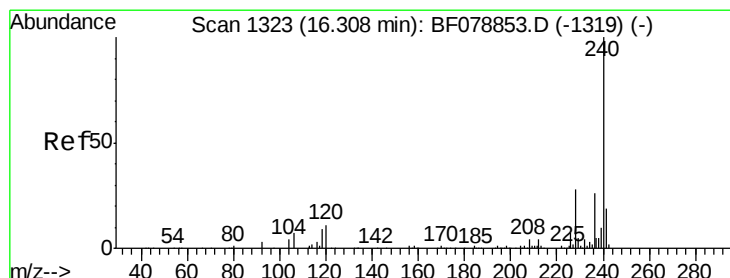
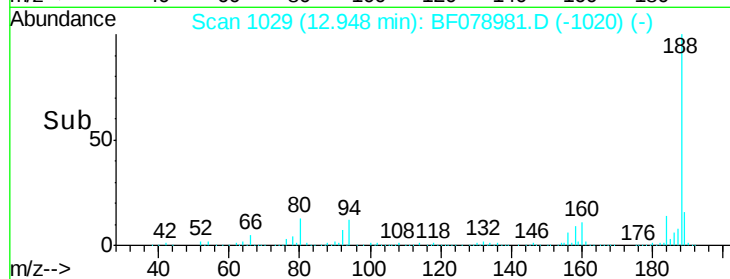
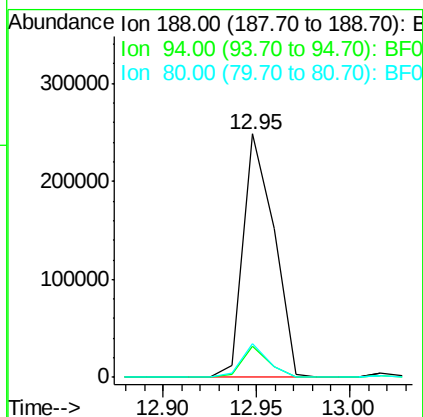
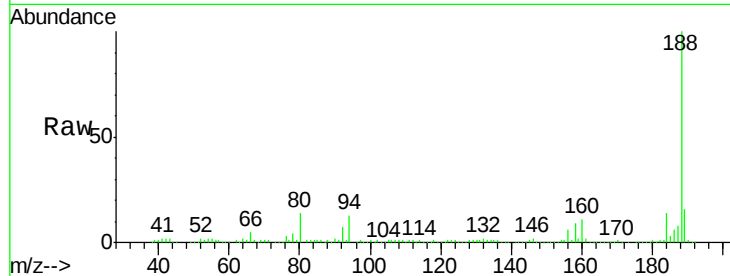




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.95 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF078981.D
Acq: 7 May 2015 6:10

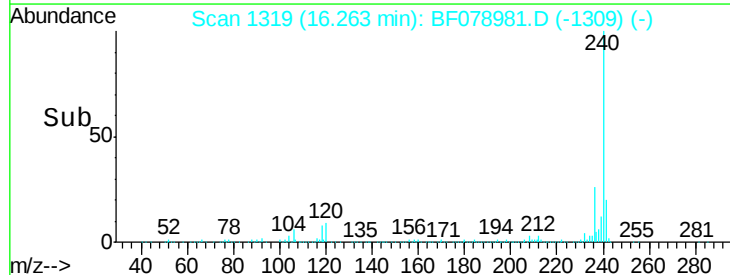
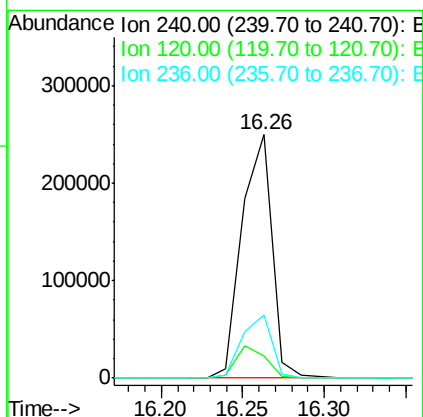
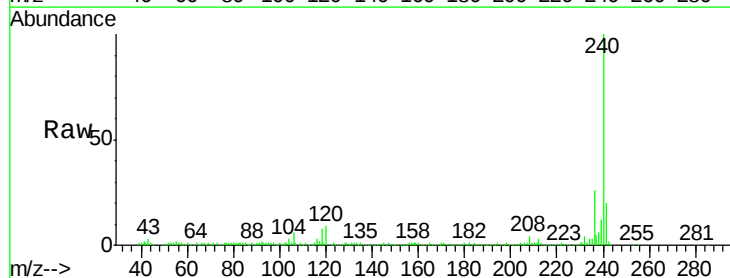
Instrument :
BNA_F
ClientSampleId :
W-02

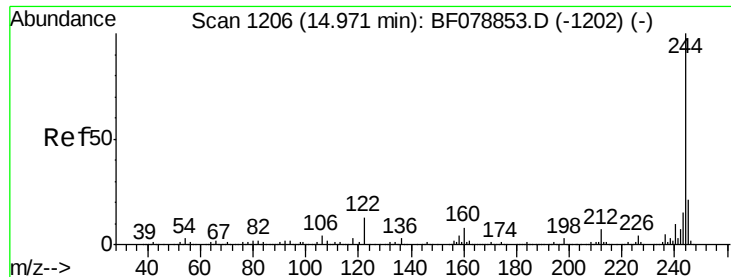
Tgt Ion:188 Resp: 285650
Ion Ratio Lower Upper
188 100
94 12.8 8.2 12.2#
80 13.7 8.9 13.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.26 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF078981.D
Acq: 7 May 2015 6:10

Tgt Ion:240 Resp: 318956
Ion Ratio Lower Upper
240 100
120 8.9 9.7 14.5#
236 25.7 20.2 30.4





#78

Terphenyl-d14

Concen: 59.56 ng

RT: 14.95 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BF078981.D

Acq: 7 May 2015 6:10

Instrument :

BNA_F

ClientSampleId :

W-02

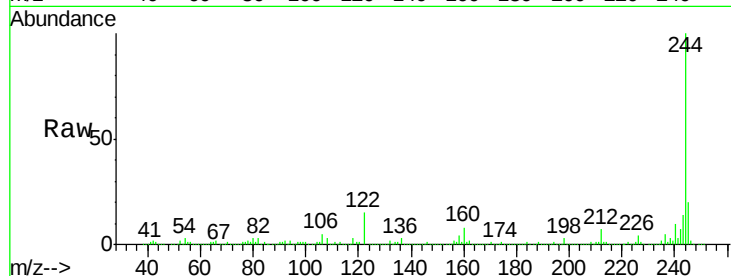
Tgt Ion:244 Resp: 793436

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

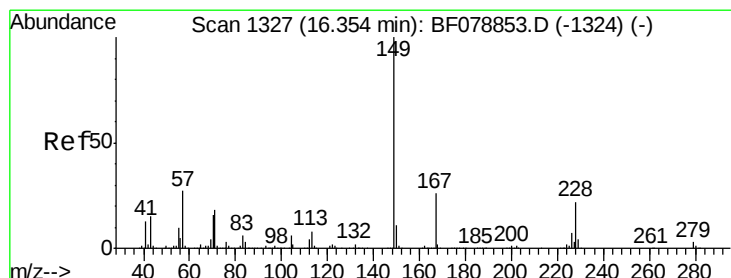
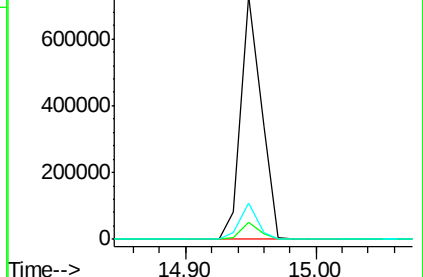
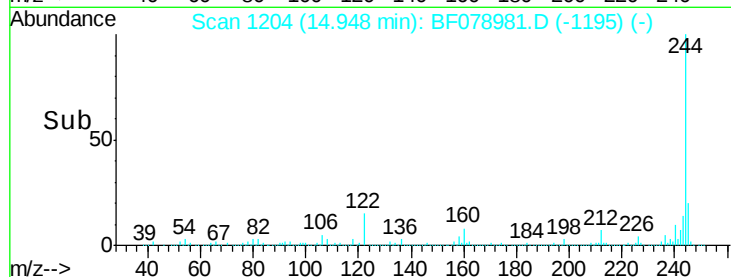
122 14.8 10.3 15.5



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: 2.67 ng

RT: 16.30 min Scan# 1322

Delta R.T. 0.01 min

Lab File: BF078981.D

Acq: 7 May 2015 6:10

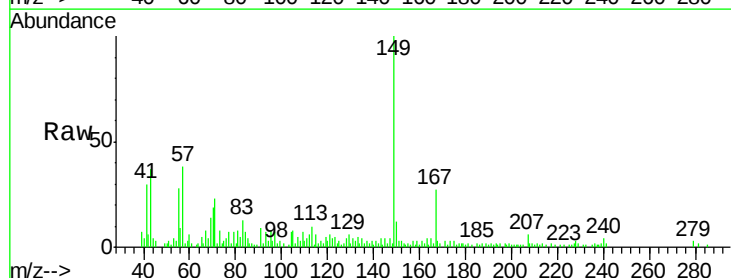
Tgt Ion:149 Resp: 32509

Ion Ratio Lower Upper

149 100

167 27.5 21.8 32.8

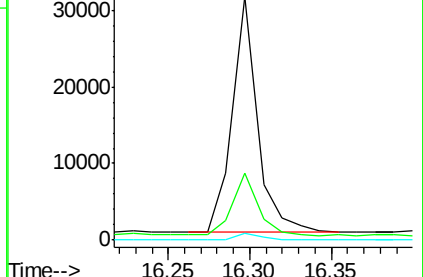
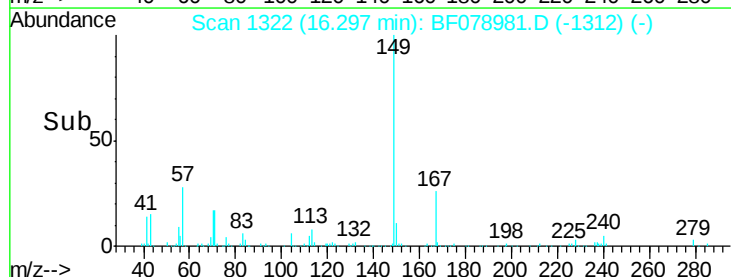
279 3.0 2.9 4.3

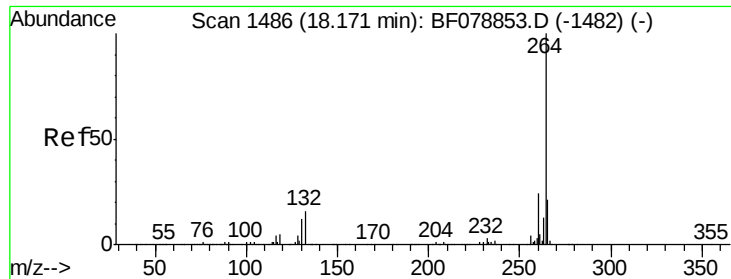


Abundance Ion 149.00 (148.70 to 149.70): E

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: 18.05 min Scan# 1475
Delta R.T. 0.08 min
Lab File: BF078981.D
Acq: 7 May 2015 6:10

Instrument :
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ClientSampleId :
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Tgt Ion: 264 Resp: 326692
Ion Ratio Lower Upper
264 100
260 24.3 19.4 29.2
265 22.0 18.3 27.5

