

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
 Data File : BF088583.D
 Acq On : 1 Jul 2016 19:15
 Operator : UM/SJ
 Sample : H3836-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C1.1-5

Quant Time: Jul 02 02:17:11 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

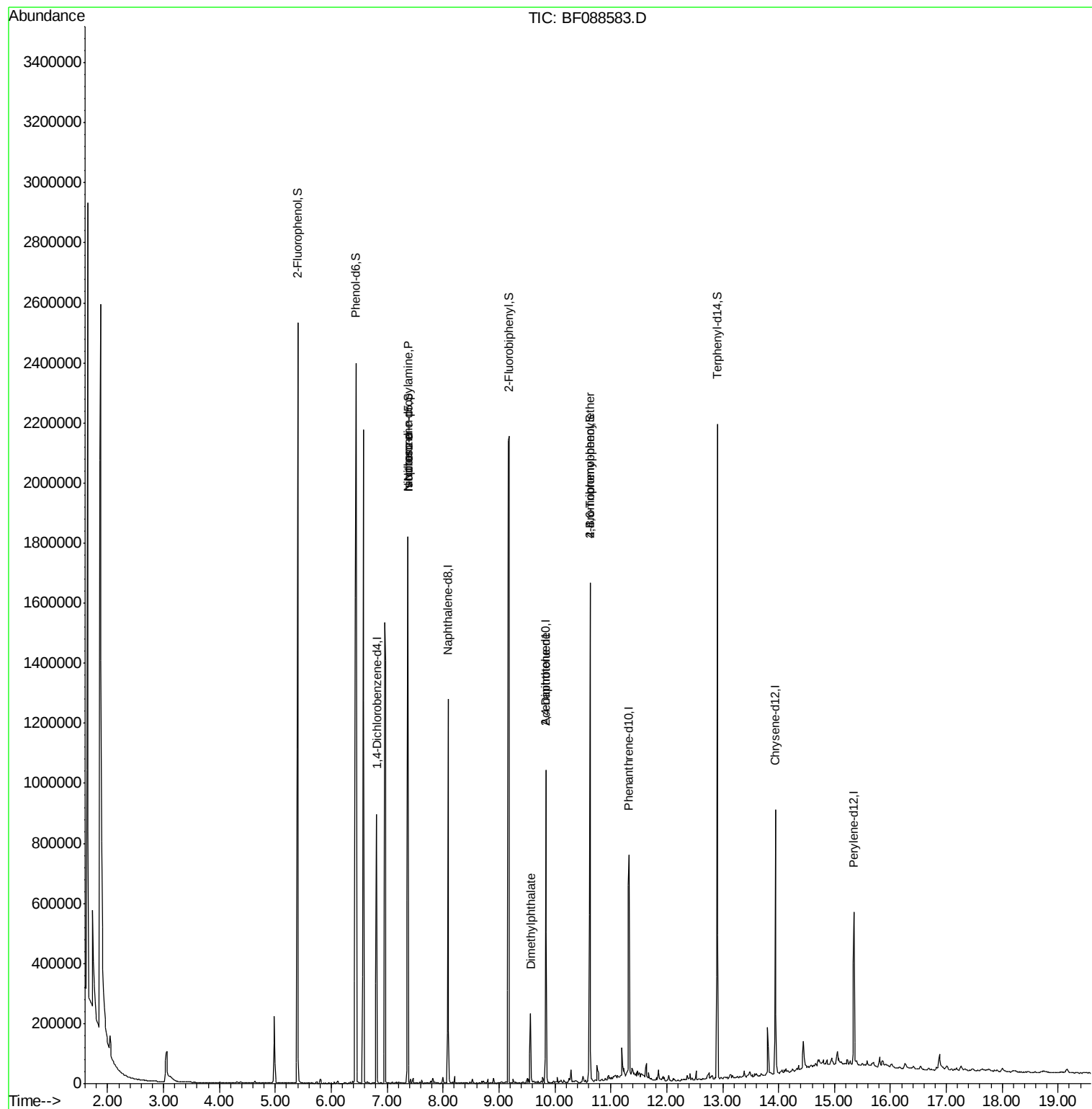
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	141203	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	525891	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	223958	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	374728	20.00	ng	0.00
75) Chrysene-d12	13.94	240	266283	20.00	ng	-0.01
86) Perylene-d12	15.35	264	232795	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	727703	77.24	ng	0.00
7) Phenol-d6	6.44	99	1096307	90.05	ng	0.00
23) Nitrobenzene-d5	7.37	82	616423	61.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	172325	82.86	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	1079501	76.14	ng	0.00
78) Terphenyl-d14	12.90	244	643718	53.84	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	84194	10.30	ng	# 73
25) Isophorone	7.37	82	458319	24.66	ng	# 65
49) Dimethylphthalate	9.56	163	102869	6.45	ng	99
56) 2,4-Dinitrotoluene	9.84	165	28662	6.20	ng	# 38
66) 4-Bromophenyl-phenylether	10.63	248	12306	3.26	ng	# 1

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 457

Delta R.T. -0.00 min

Lab File: BF088583.D

Acq: 1 Jul 2016 19:15

Instrument :

BNA_F

ClientSampleId :

C1.1-5

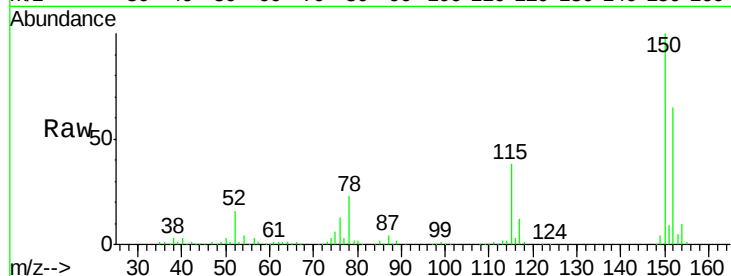
Tgt Ion:152 Resp: 141203

Ion Ratio Lower Upper

152 100

150 153.9 123.8 185.6

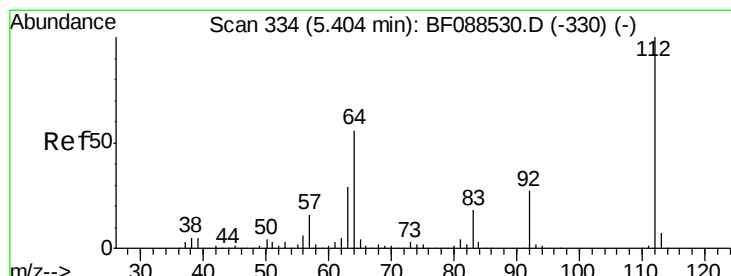
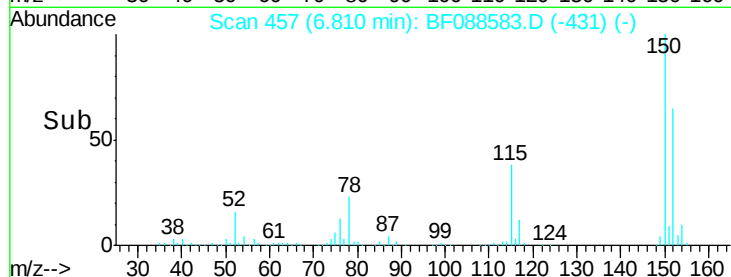
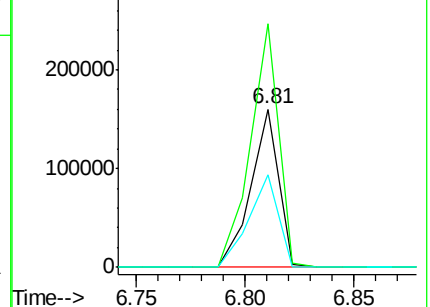
115 58.5 39.6 59.4



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: 77.24 ng

RT: 5.40 min Scan# 334

Delta R.T. 0.00 min

Lab File: BF088583.D

Acq: 1 Jul 2016 19:15

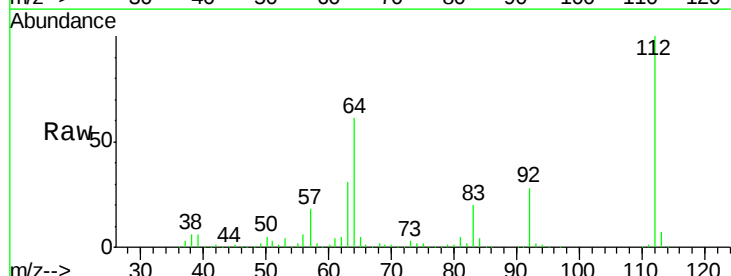
Tgt Ion:112 Resp: 727703

Ion Ratio Lower Upper

112 100

64 60.7 42.2 63.2

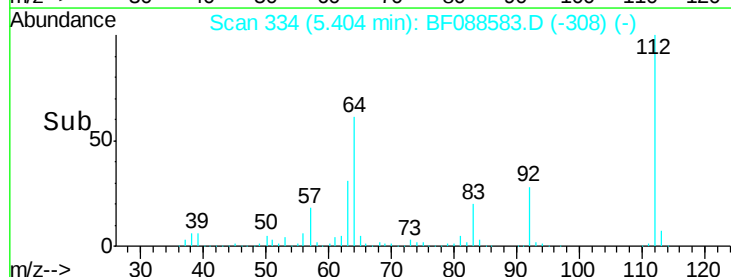
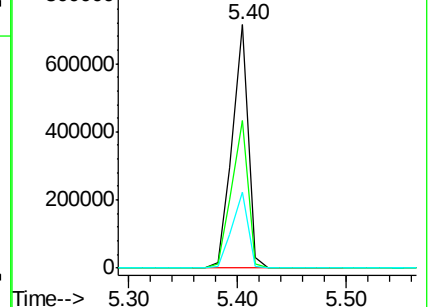
63 31.5 21.8 32.8



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: 90.05 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF088583.D

Acq: 1 Jul 2016 19:15

Instrument :

BNA_F

ClientSampleId :

C1.1-5

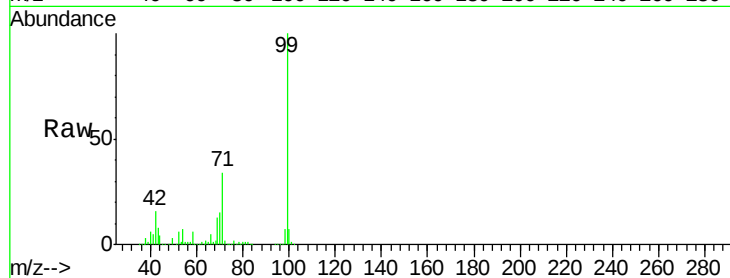
Tgt Ion: 99 Resp: 1096307

Ion Ratio Lower Upper

99 100

42 15.7 12.2 18.2

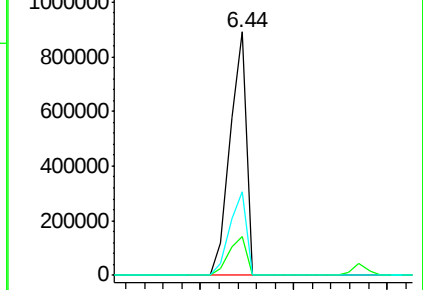
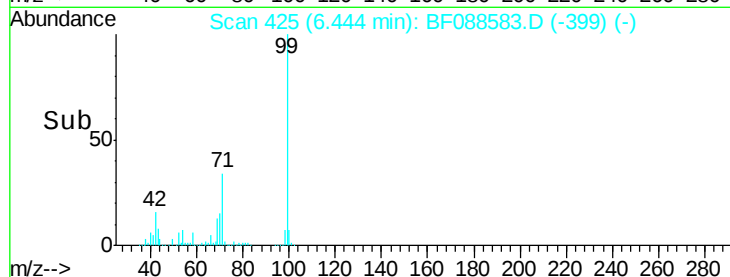
71 34.3 23.4 35.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 10.30 ng

RT: 7.37 min Scan# 506

Delta R.T. 0.14 min

Lab File: BF088583.D

Acq: 1 Jul 2016 19:15

Tgt Ion: 70 Resp: 84194

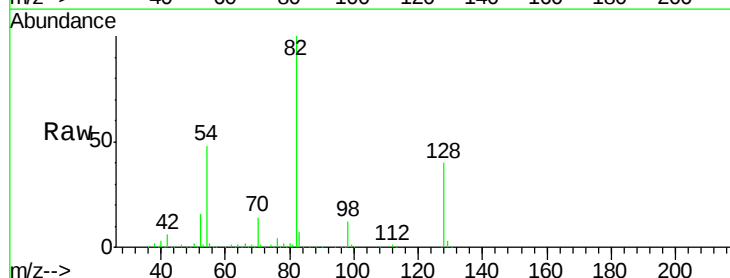
Ion Ratio Lower Upper

70 100

42 44.0 49.6 74.4#

101 0.0 7.1 10.7#

130 1.8 15.4 23.2#

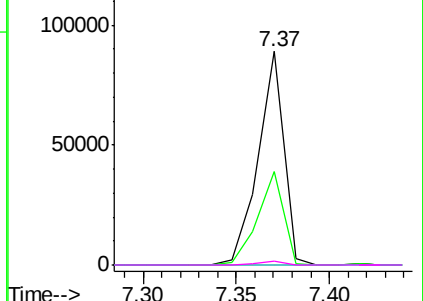
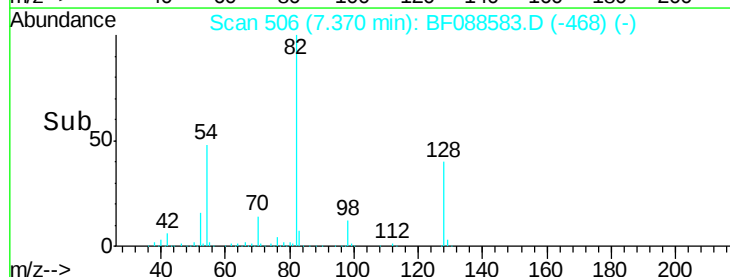


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 569

Delta R.T. -0.01 min

Lab File: BF088583.D

Acq: 1 Jul 2016 19:15

Instrument :

BNA_F

ClientSampleId :

C1.1-5

Tgt Ion: 136 Resp: 525891

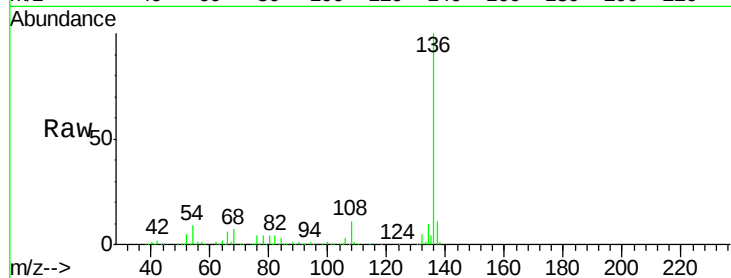
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 9.0 6.6 10.0

68 7.4 5.1 7.7

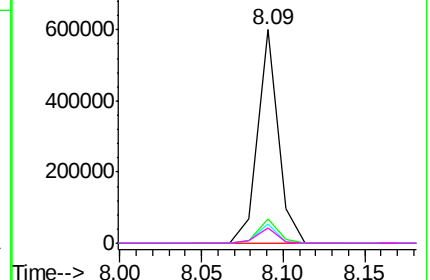
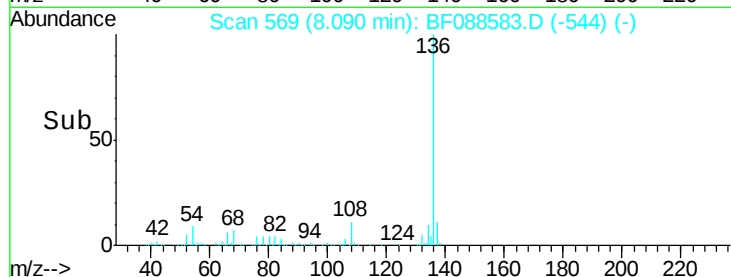


Abundance Ion 136.00 (135.70 to 136.70): E

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: 61.43 ng

RT: 7.37 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF088583.D

Acq: 1 Jul 2016 19:15

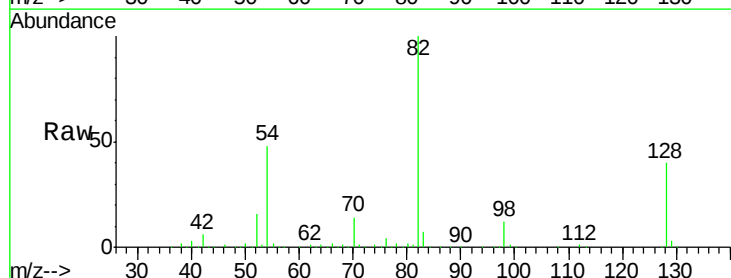
Tgt Ion: 82 Resp: 616423

Ion Ratio Lower Upper

82 100

128 40.3 35.9 53.9

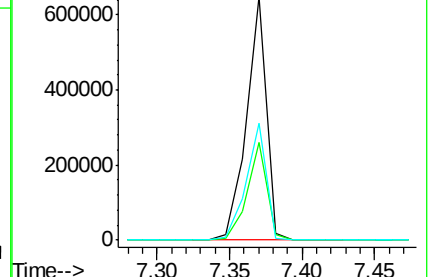
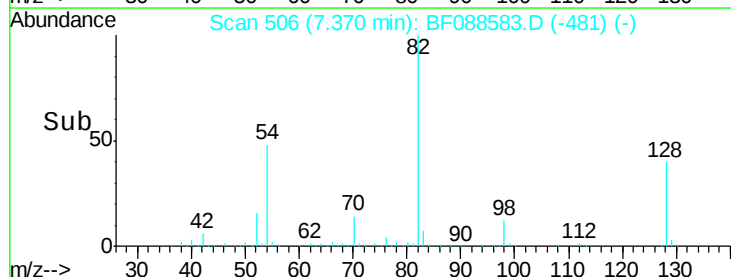
54 48.2 40.9 61.3

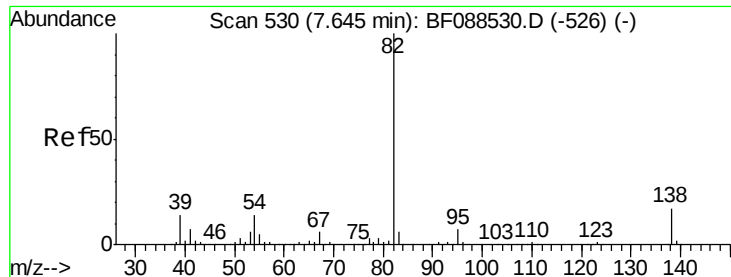


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 24.66 ng

RT: 7.37 min Scan# 506

Delta R.T. -0.27 min

Lab File: BF088583.D

Acq: 1 Jul 2016 19:15

Instrument :

BNA_F

ClientSampleId :

C1.1-5

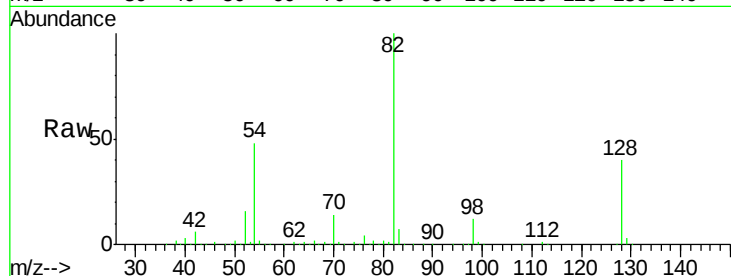
Tgt Ion: 82 Resp: 458319

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

138 0.0 14.6 21.8#

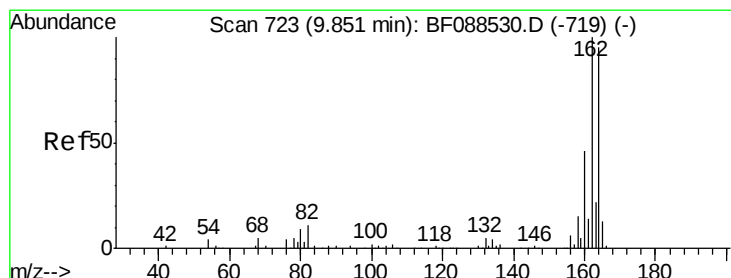
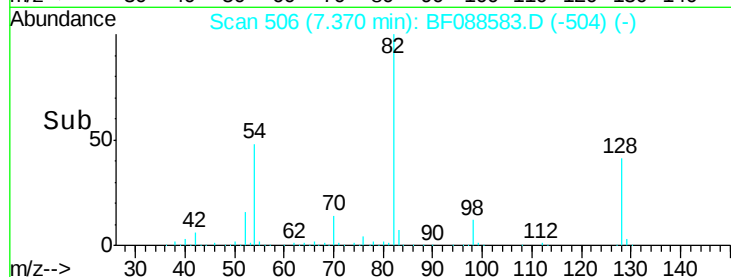


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF088583.D

Acq: 1 Jul 2016 19:15

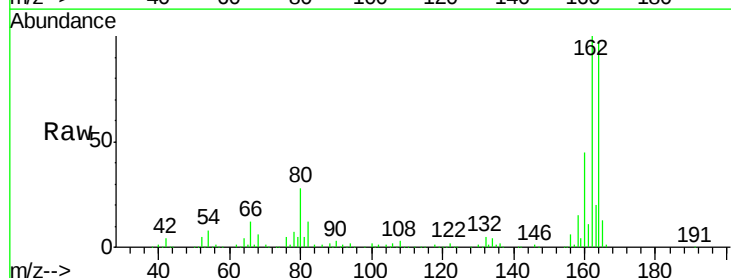
Tgt Ion: 164 Resp: 223958

Ion Ratio Lower Upper

164 100

162 103.5 85.4 128.2

160 46.7 39.5 59.3

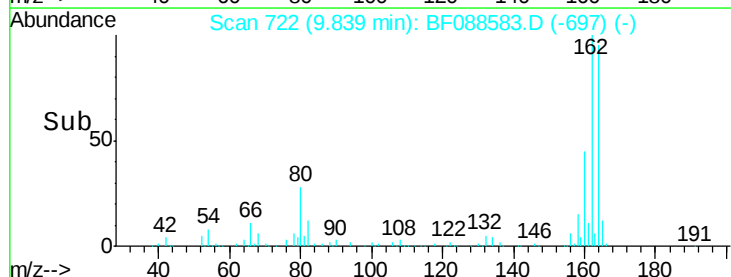


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->

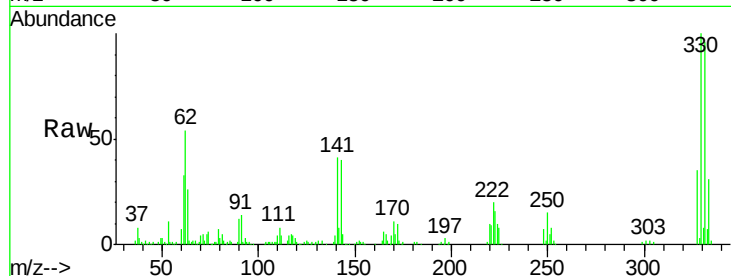




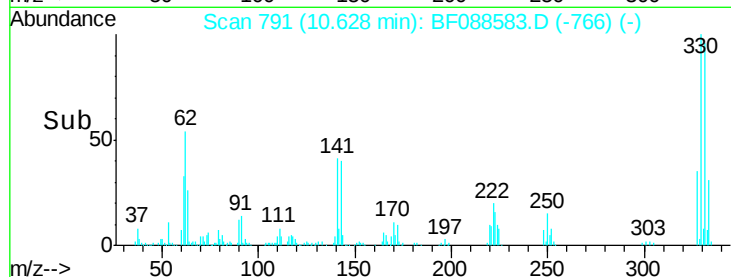
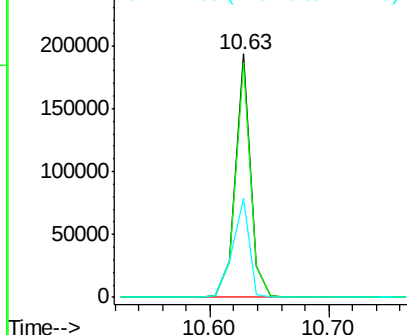
#41
 2,4,6-Tribromophenol
 Concen: 82.86 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF088583.D
 Acq: 1 Jul 2016 19:15

Instrument :
 BNA_F
 ClientSampleId :
 C1.1-5

Tgt Ion:330 Resp: 172325
 Ion Ratio Lower Upper
 330 100
 332 96.5 0.0 0.0#
 141 44.8 0.0 0.0#

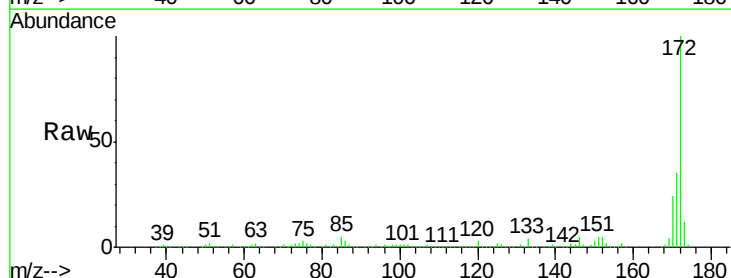


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

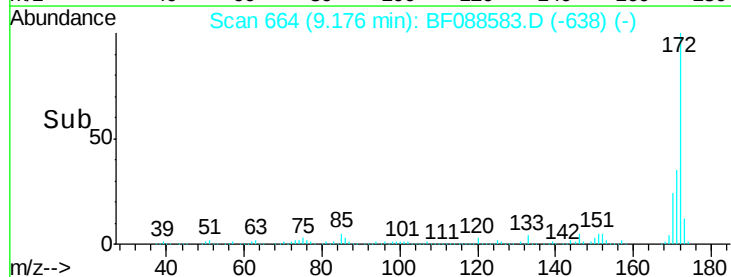
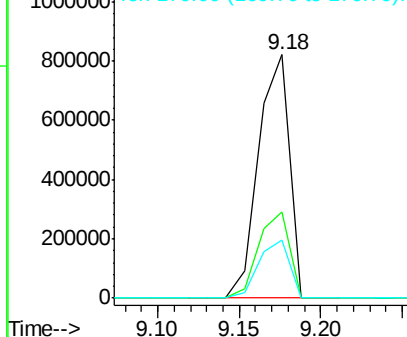


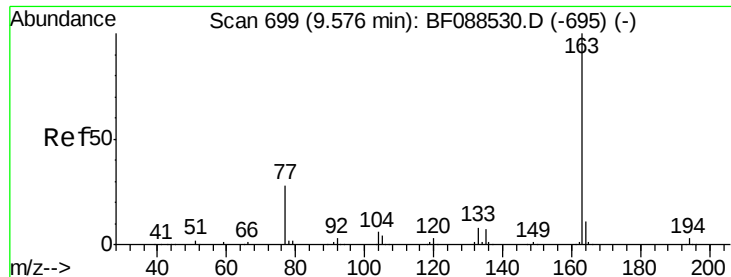
#44
 2-Fluorobiphenyl
 Concen: 76.14 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF088583.D
 Acq: 1 Jul 2016 19:15

Tgt Ion:172 Resp: 1079501
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.6 43.0
 170 23.7 19.2 28.8



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

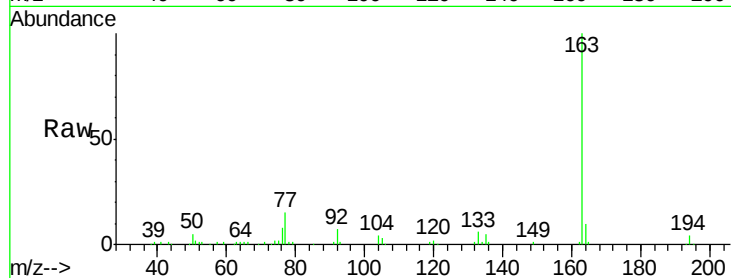




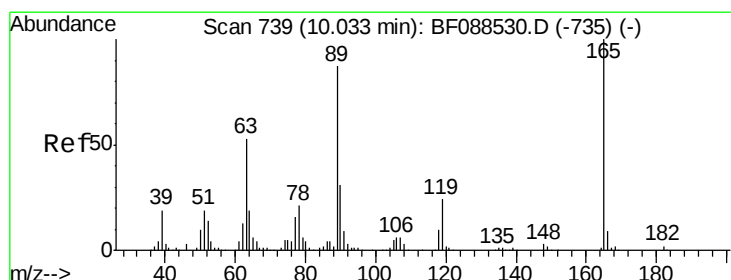
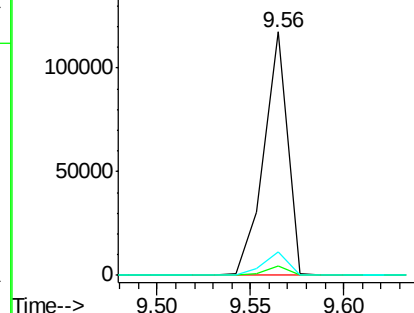
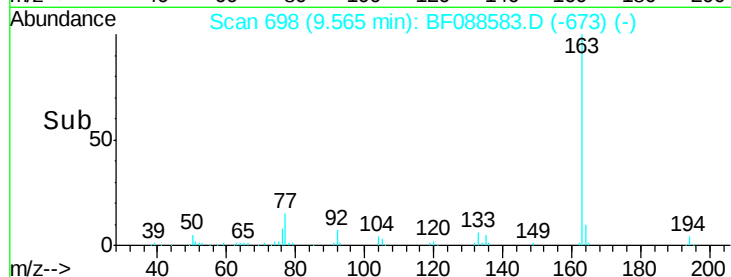
#49
Dimethylphthalate
Concen: 6.45 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF088583.D
Acq: 1 Jul 2016 19:15

Instrument :
BNA_F
ClientSampleId :
C1.1-5

Tgt Ion:163 Resp: 102869
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 9.7 8.3 12.5

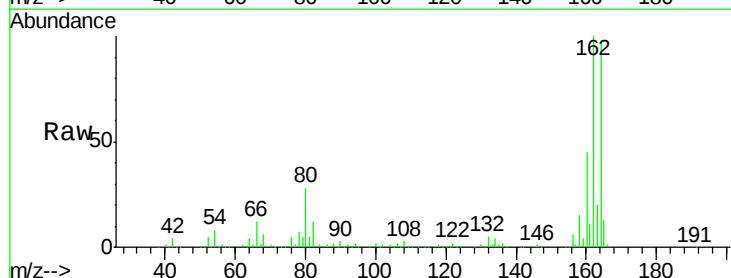


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

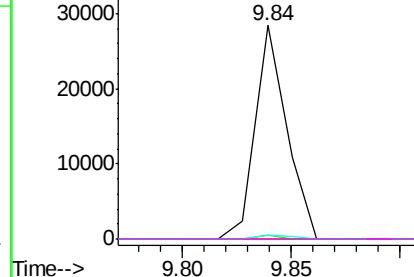
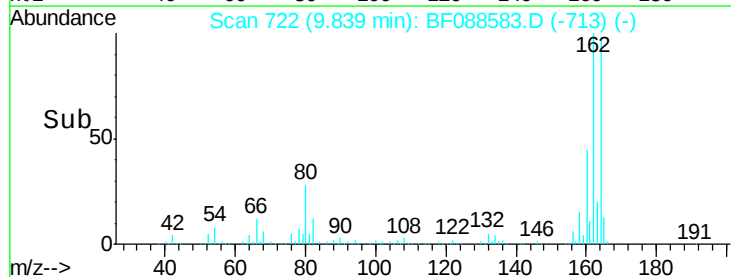


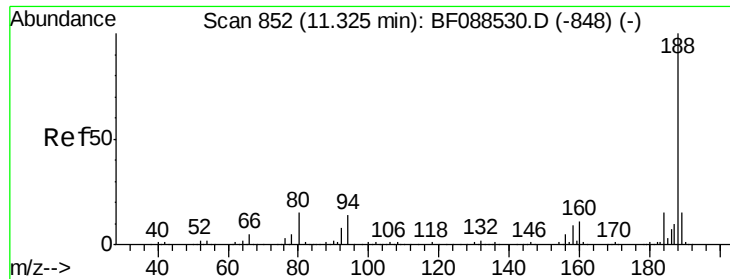
#56
2,4-Dinitrotoluene
Concen: 6.20 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.19 min
Lab File: BF088583.D
Acq: 1 Jul 2016 19:15

Tgt Ion:165 Resp: 28662
Ion Ratio Lower Upper
165 100
63 1.7 22.0 33.0#
89 1.5 41.1 61.7#
182 0.0 2.0 3.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

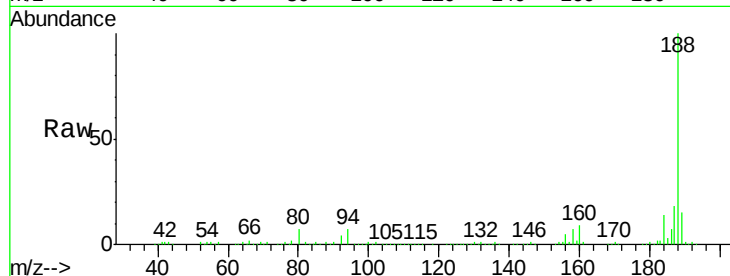




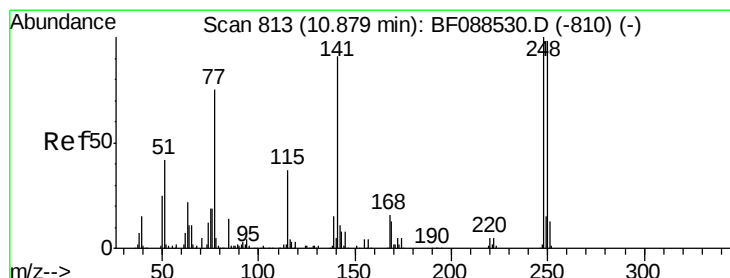
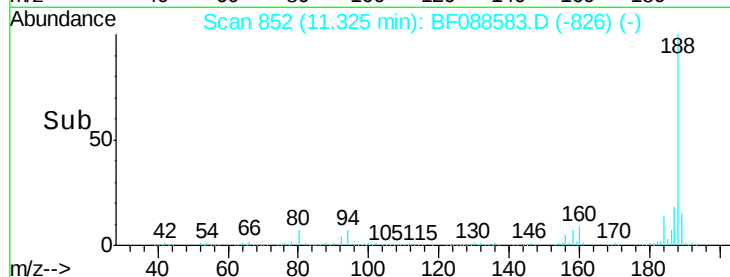
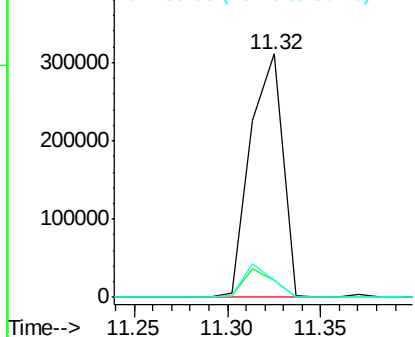
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF088583.D
Acq: 1 Jul 2016 19:15

Instrument :
BNA_F
ClientSampleId :
C1.1-5

Tgt Ion:188 Resp: 374728
Ion Ratio Lower Upper
188 100
94 6.9 9.0 13.6#
80 7.1 10.0 15.0#

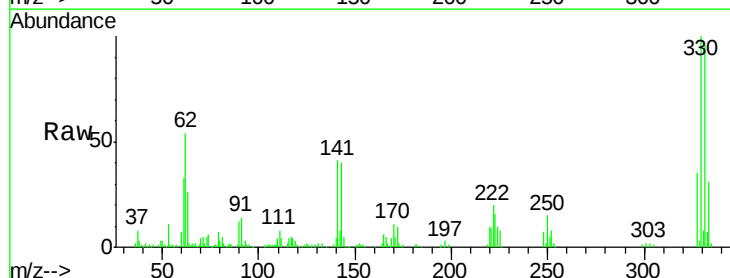


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

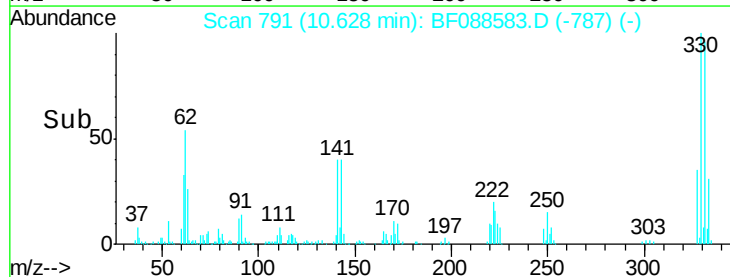
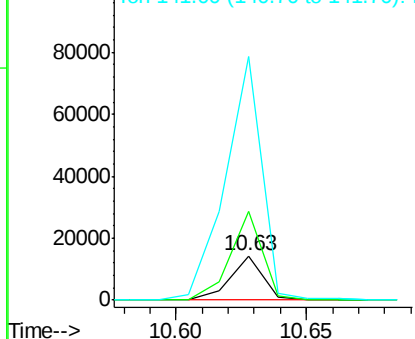


#66
4-Bromophenyl-phenylether
Concen: 3.26 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.25 min
Lab File: BF088583.D
Acq: 1 Jul 2016 19:15

Tgt Ion:248 Resp: 12306
Ion Ratio Lower Upper
248 100
250 201.4 77.1 115.7#
141 552.3 50.6 76.0#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BF088583.D

Acq: 1 Jul 2016 19:15

Instrument :

BNA_F

ClientSampleId :

C1.1-5

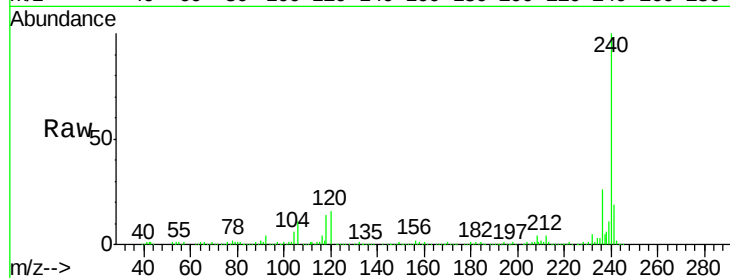
Tgt Ion:240 Resp: 266283

Ion Ratio Lower Upper

240 100

120 15.6 6.8 10.2#

236 26.0 20.2 30.2



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

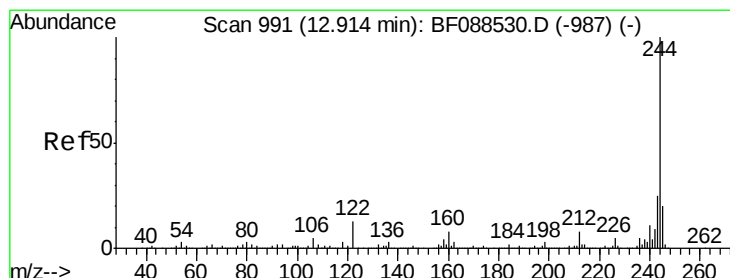
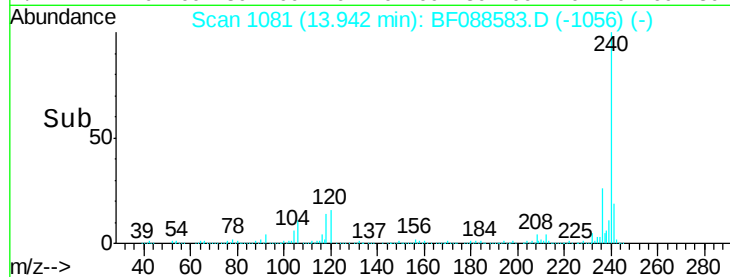
13.94

200000

100000

0

Time--> 13.80 13.90 14.00 14.10



#78

Terphenyl-d14

Concen: 53.84 ng

RT: 12.90 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF088583.D

Acq: 1 Jul 2016 19:15

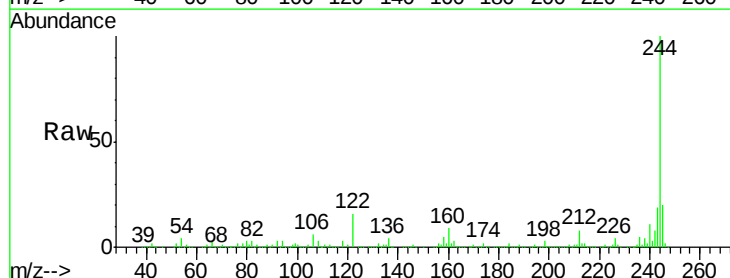
Tgt Ion:244 Resp: 643718

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

122 16.0 11.2 16.8



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

12.90

800000

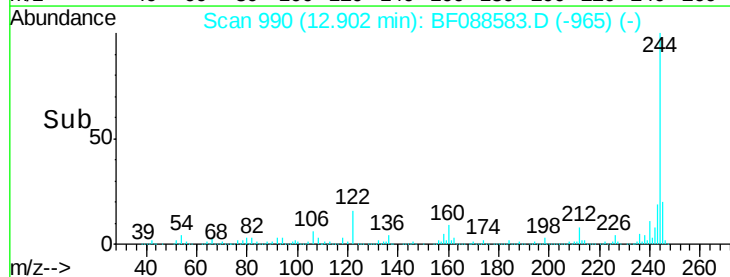
600000

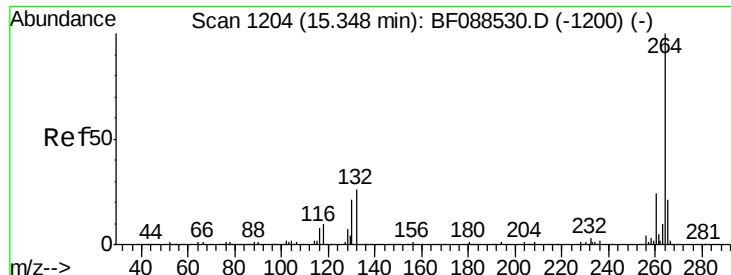
400000

200000

0

Time--> 12.80 12.90 13.00

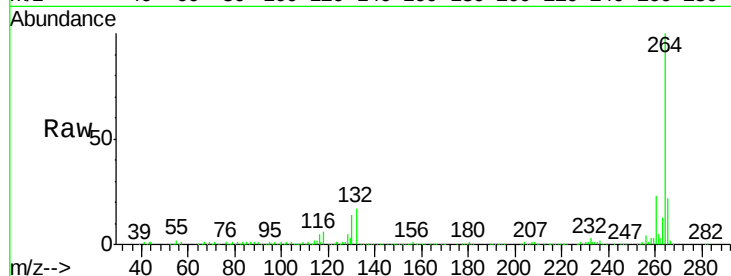




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BF088583.D
Acq: 1 Jul 2016 19:15

Instrument :
BNA_F
ClientSampleId :
C1.1-5

Tgt Ion: 264 Resp: 232795
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 21.6 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

