

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
 Data File : BF088535.D
 Acq On : 30 Jun 2016 18:04
 Operator : UM/SJ
 Sample : PB91573BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91573BL

Quant Time: Jul 01 01:28:06 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

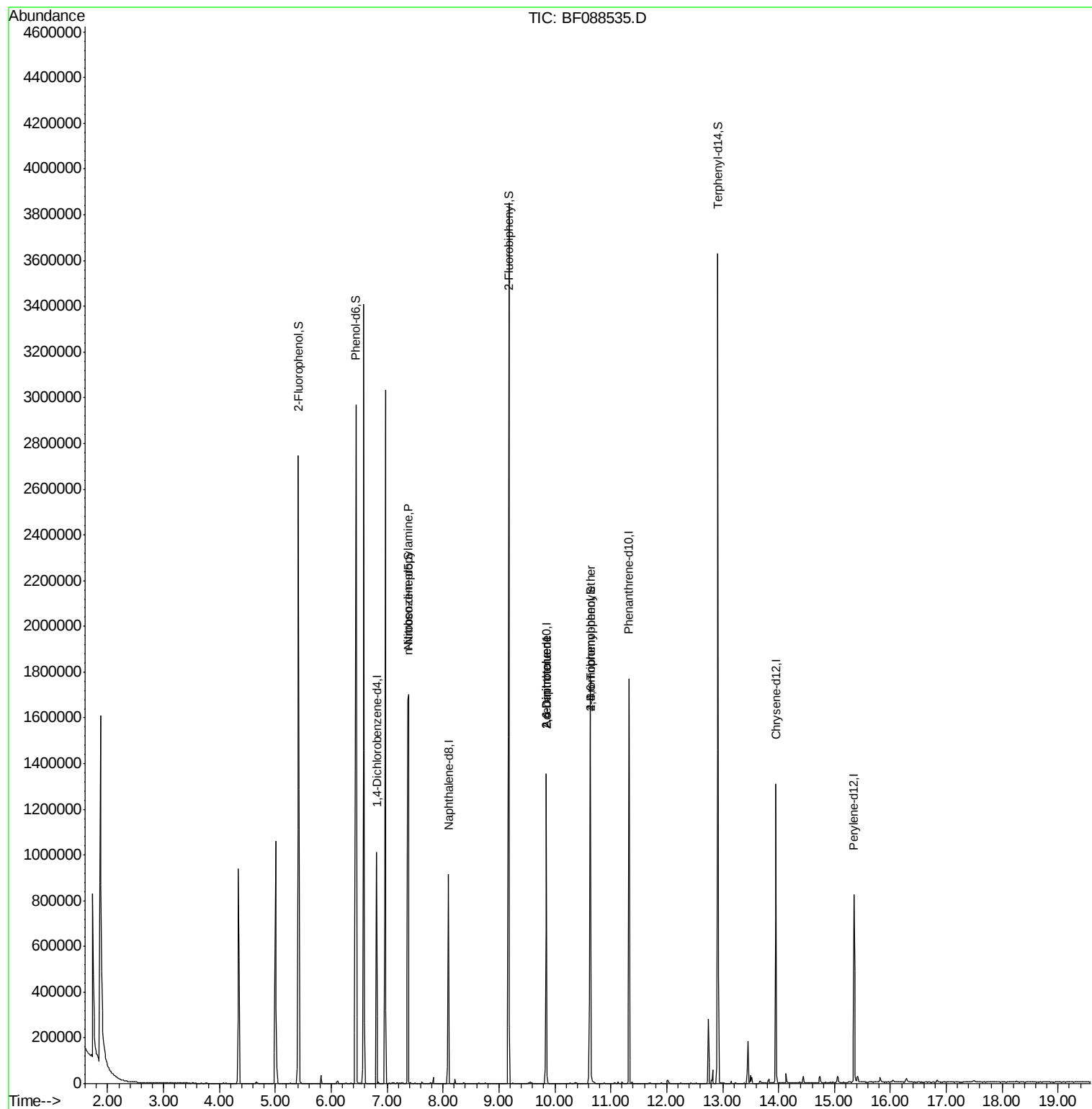
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	145393	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	625009	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	301965	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	562513	20.00	ng	0.00
75) Chrysene-d12	13.95	240	505684	20.00	ng	0.00
86) Perylene-d12	15.35	264	384544	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1041630	107.37	ng	0.01
7) Phenol-d6	6.44	99	1198021	95.57	ng	0.00
23) Nitrobenzene-d5	7.38	82	940662	78.87	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	322626	115.06	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1282146	67.07	ng	0.00
78) Terphenyl-d14	12.91	244	1190051	52.42	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	125086	14.86	ng	# 75
50) 2,6-Dinitrotoluene	9.85	165	38673	8.11	ng	# 40
56) 2,4-Dinitrotoluene	9.85	165	38675	6.20	ng	# 38
66) 4-Bromophenyl-phenylether	10.64	248	20781	3.67	ng	# 1

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

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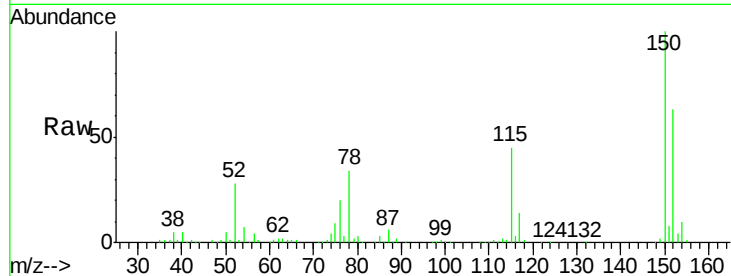


#1

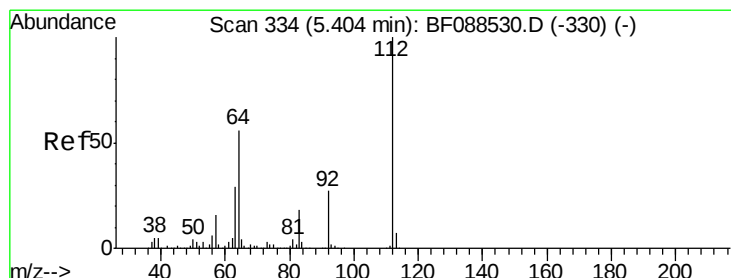
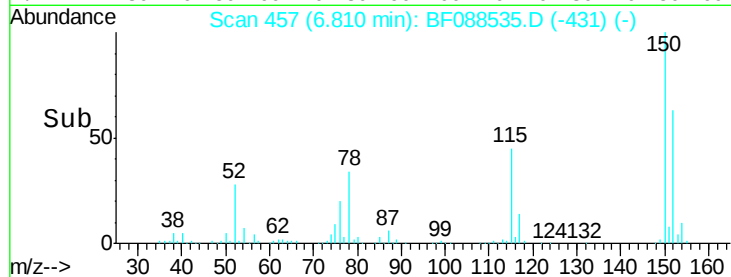
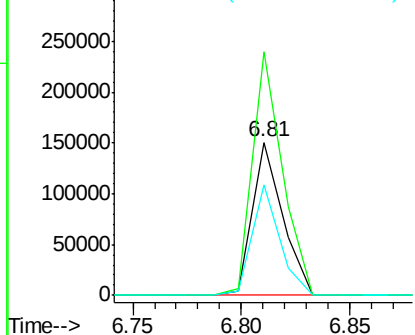
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF088535.D
Acq: 30 Jun 2016 18:04

Instrument :
BNA_F
ClientSampleId :
PB91573BL

Tgt Ion:152 Resp: 145393
Ion Ratio Lower Upper
152 100
150 158.9 123.8 185.6
115 71.9 39.6 59.4#



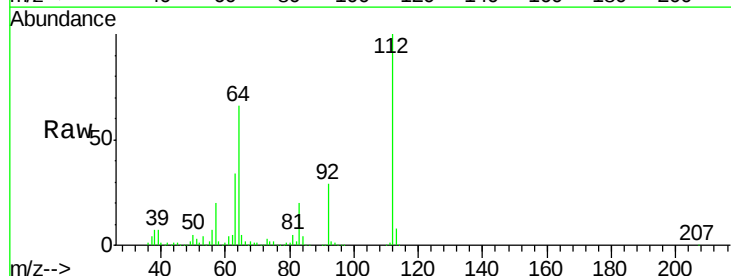
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



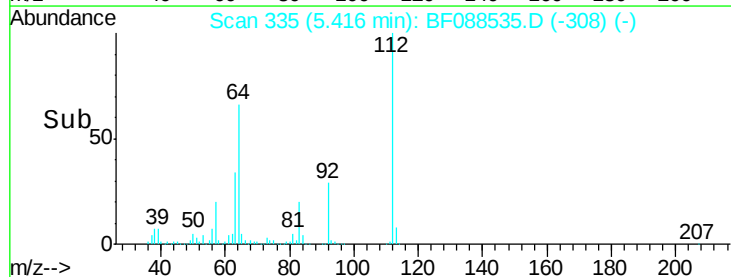
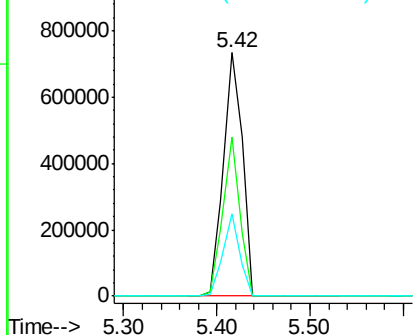
#5

2-Fluorophenol
Concen: 107.37 ng
RT: 5.42 min Scan# 335
Delta R.T. 0.01 min
Lab File: BF088535.D
Acq: 30 Jun 2016 18:04

Tgt Ion:112 Resp: 1041630
Ion Ratio Lower Upper
112 100
64 65.6 42.2 63.2#
63 33.9 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: 95.57 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF088535.D

Acq: 30 Jun 2016 18:04

Instrument :

BNA_F

ClientSampleId :

PB91573BL

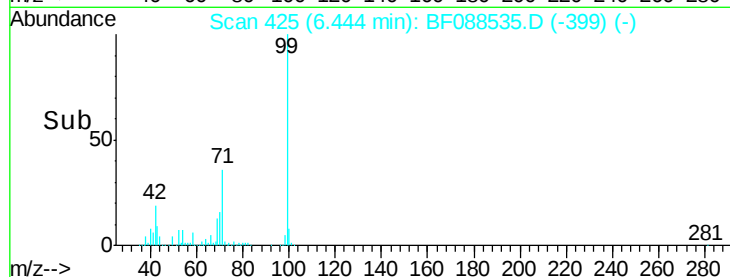
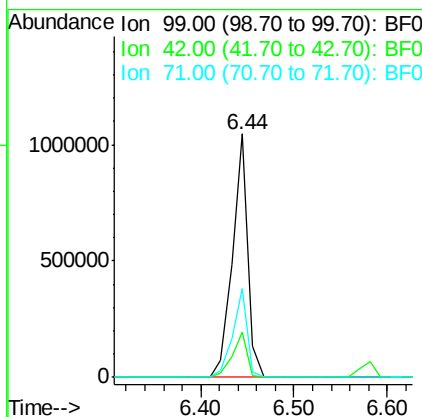
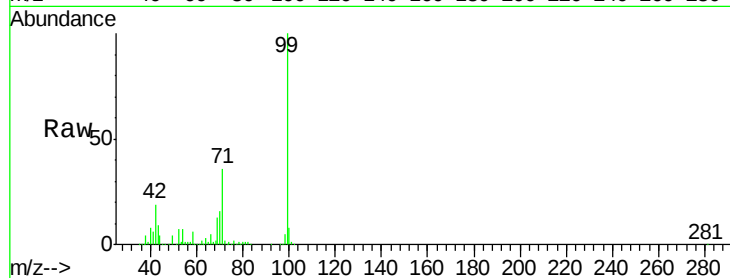
Tgt Ion: 99 Resp: 1198021

Ion Ratio Lower Upper

99 100

42 18.7 12.2 18.2#

71 36.3 23.4 35.0#



#19

n-Nitroso-di-n-propylamine

Concen: 14.86 ng

RT: 7.37 min Scan# 506

Delta R.T. 0.14 min

Lab File: BF088535.D

Acq: 30 Jun 2016 18:04

Tgt Ion: 70 Resp: 125086

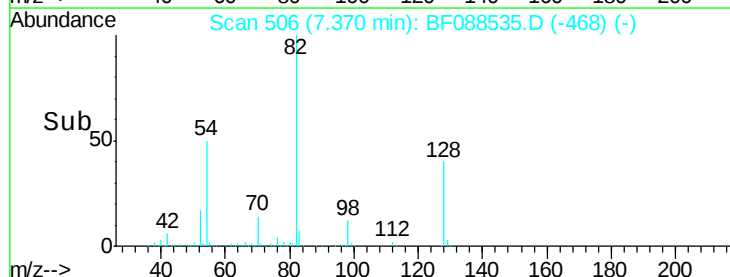
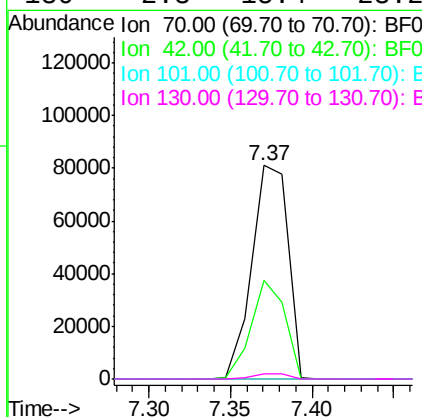
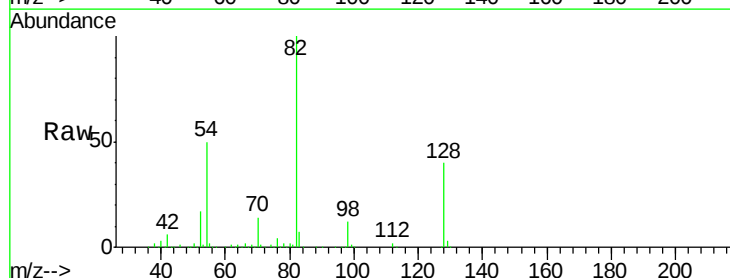
Ion Ratio Lower Upper

70 100

42 46.0 49.6 74.4#

101 0.0 7.1 10.7#

130 2.3 15.4 23.2#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 570

Delta R.T. -0.00 min

Lab File: BF088535.D

Acq: 30 Jun 2016 18:04

Instrument :

BNA_F

ClientSampleId :

PB91573BL

Tgt Ion:136 Resp: 625009

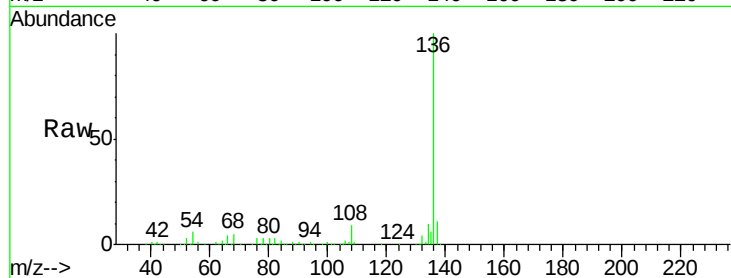
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 5.9 6.6 10.0#

68 5.3 5.1 7.7

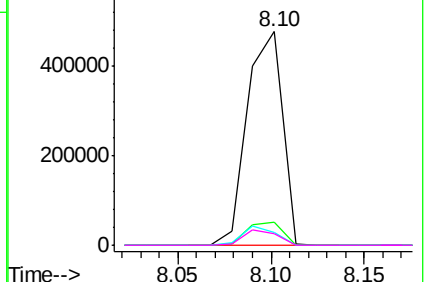
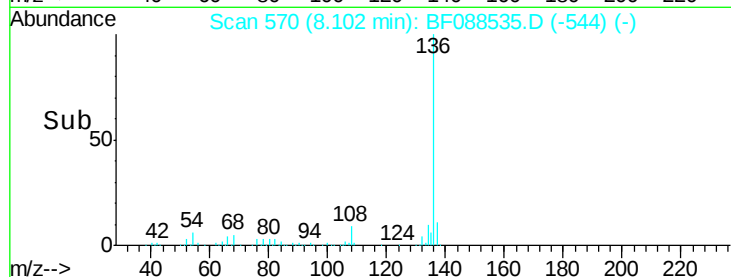


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.87 ng

RT: 7.38 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF088535.D

Acq: 30 Jun 2016 18:04

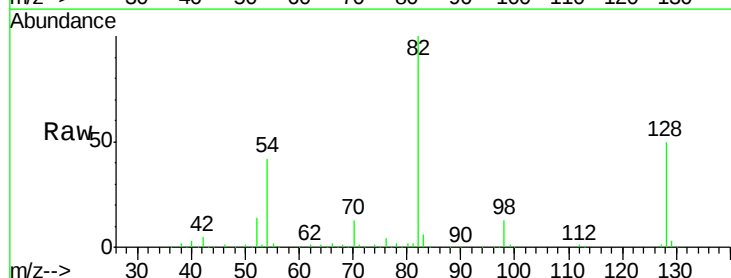
Tgt Ion: 82 Resp: 940662

Ion Ratio Lower Upper

82 100

128 50.0 35.9 53.9

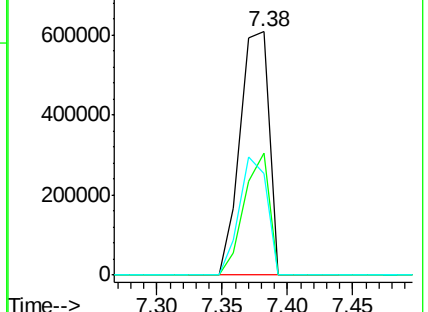
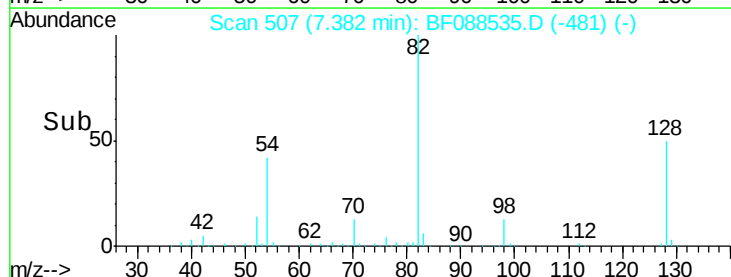
54 41.8 40.9 61.3

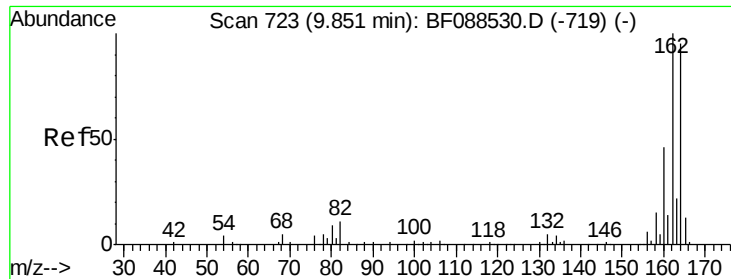


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

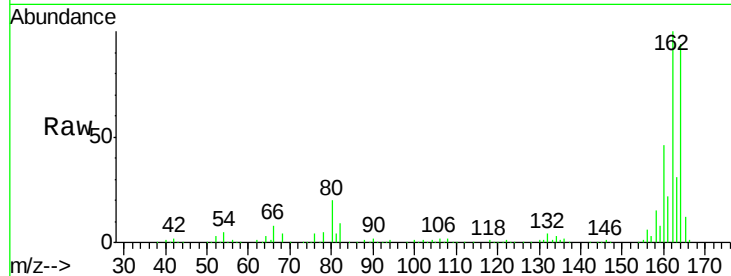




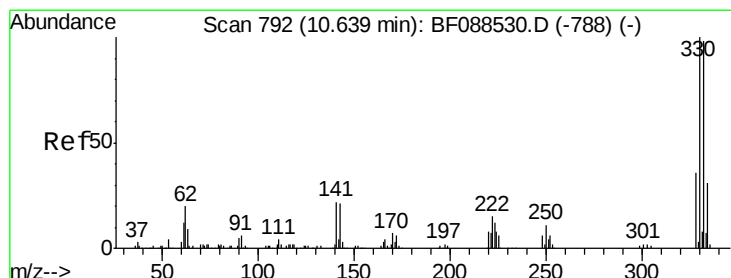
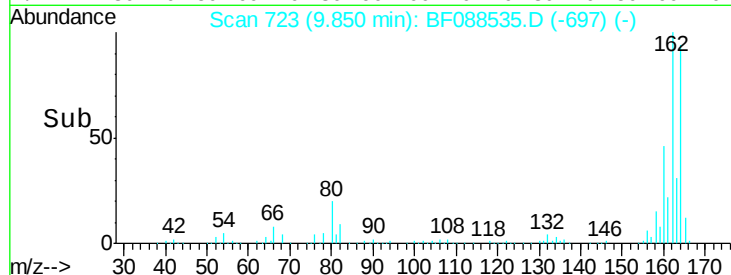
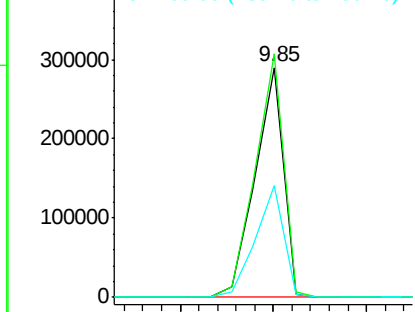
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 723
 Delta R.T. -0.00 min
 Lab File: BF088535.D
 Acq: 30 Jun 2016 18:04

Instrument :
 BNA_F
 ClientSampleId :
 PB91573BL

Tgt Ion:164 Resp: 301965
 Ion Ratio Lower Upper
 164 100
 162 106.1 85.4 128.2
 160 48.7 39.5 59.3

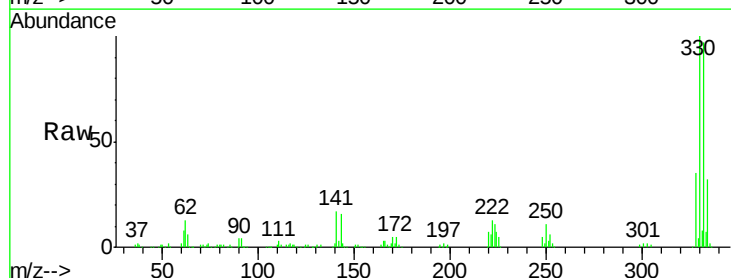


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

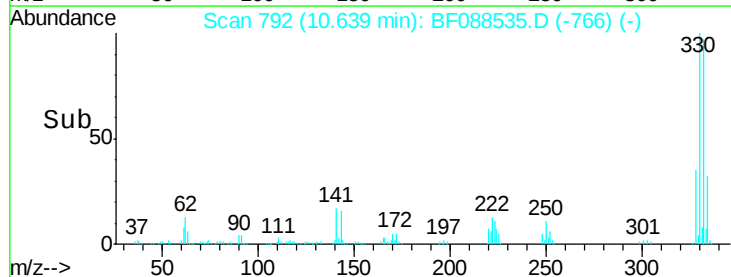
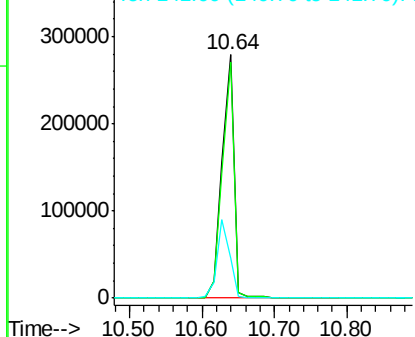


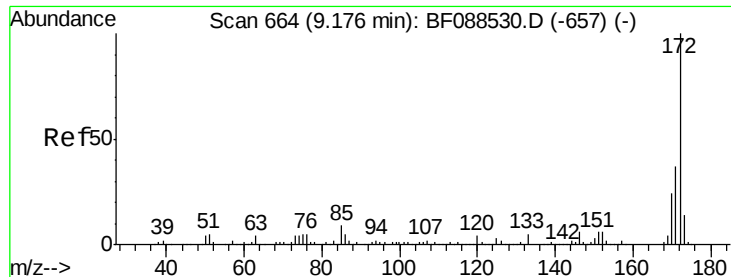
#41
 2,4,6-Tribromophenol
 Concen: 115.06 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF088535.D
 Acq: 30 Jun 2016 18:04

Tgt Ion:330 Resp: 322626
 Ion Ratio Lower Upper
 330 100
 332 95.4 0.0 0.0#
 141 34.3 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

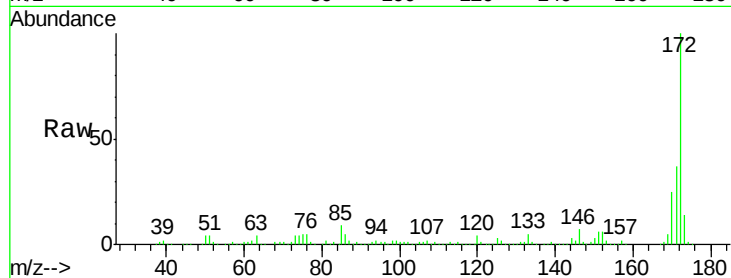




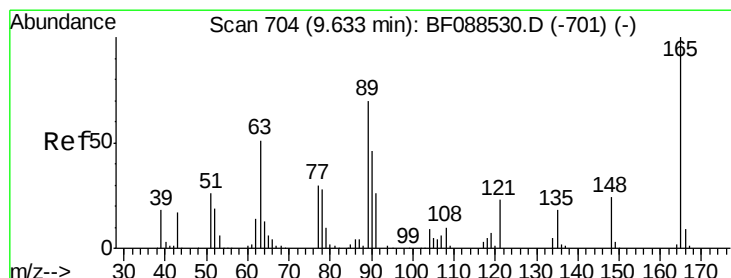
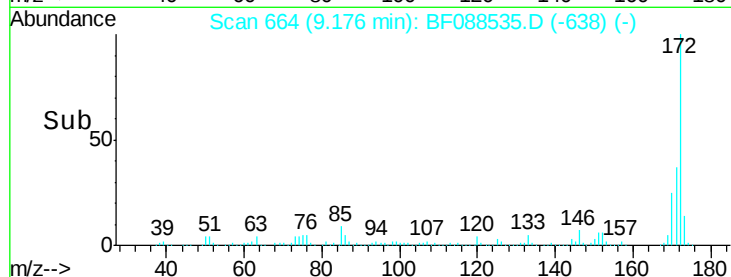
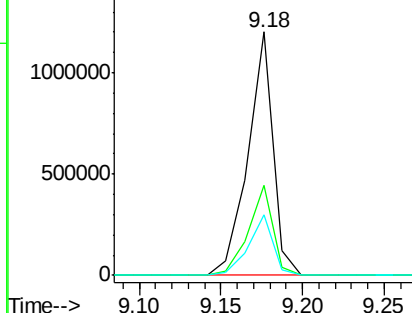
#44
 2-Fluorobiphenyl
 Concen: 67.07 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF088535.D
 Acq: 30 Jun 2016 18:04

Instrument :
 BNA_F
 ClientSampleId :
 PB91573BL

Tgt Ion:172 Resp: 1282146
 Ion Ratio Lower Upper
 172 100
 171 36.9 28.6 43.0
 170 25.0 19.2 28.8

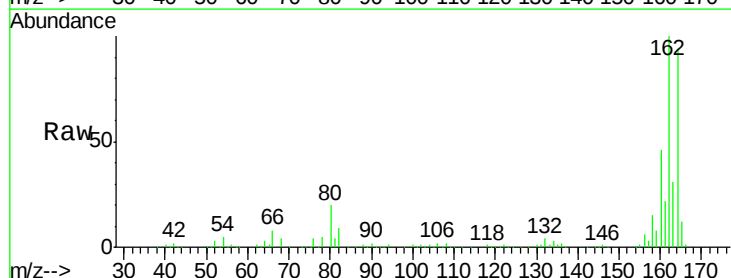


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

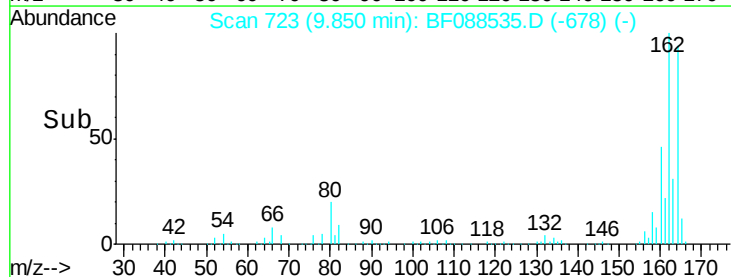
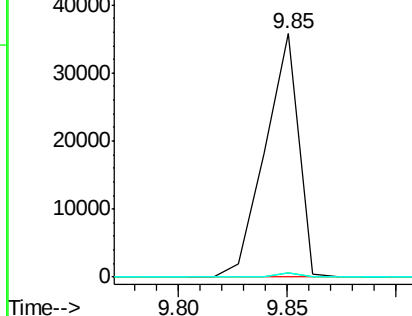


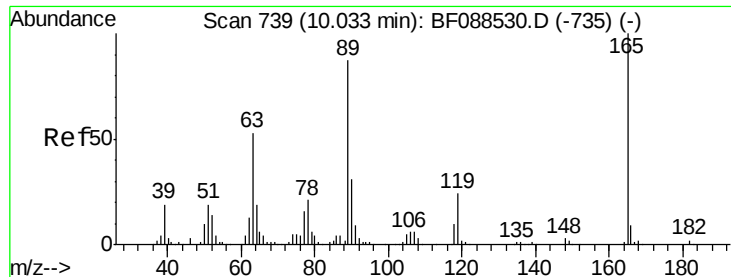
#50
 2,6-Dinitrotoluene
 Concen: 8.11 ng
 RT: 9.85 min Scan# 723
 Delta R.T. 0.22 min
 Lab File: BF088535.D
 Acq: 30 Jun 2016 18:04

Tgt Ion:165 Resp: 38673
 Ion Ratio Lower Upper
 165 100
 63 1.5 28.1 42.1#
 89 1.7 32.2 48.2#



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





#56

2,4-Dinitrotoluene

Concen: 6.20 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.18 min

Lab File: BF088535.D

Acq: 30 Jun 2016 18:04

Instrument :

BNA_F

ClientSampleId :

PB91573BL

Tgt Ion:165 Resp: 38675

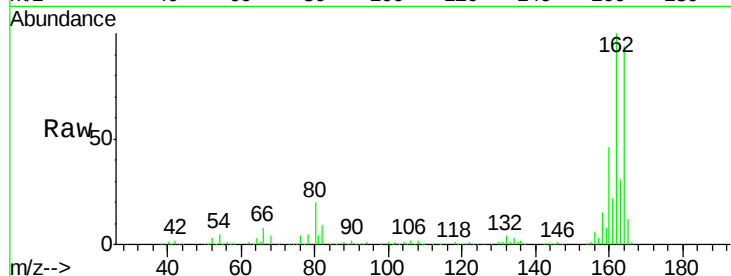
Ion Ratio Lower Upper

165 100

63 1.5 22.0 33.0#

89 1.7 41.1 61.7#

182 0.0 2.0 3.0#

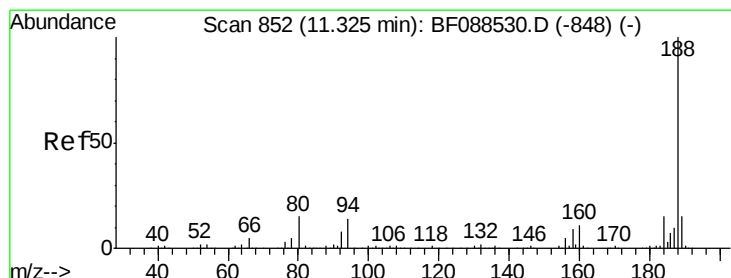
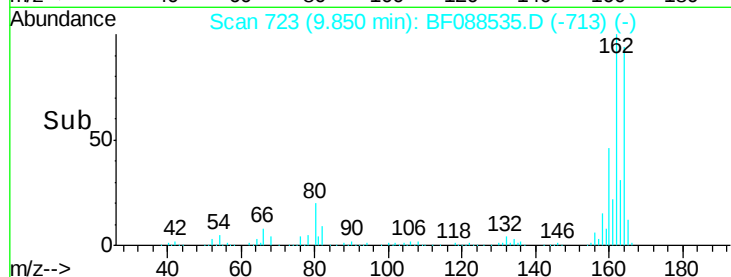
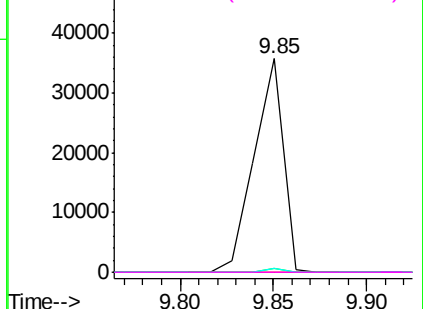


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF088535.D

Acq: 30 Jun 2016 18:04

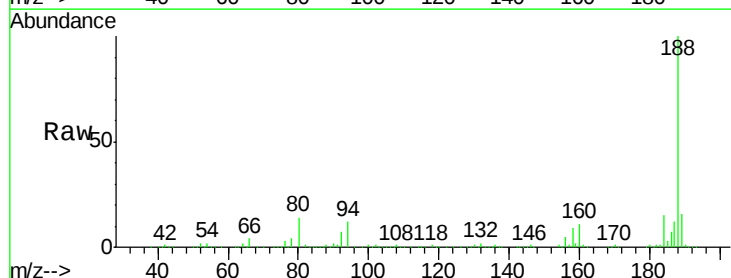
Tgt Ion:188 Resp: 562513

Ion Ratio Lower Upper

188 100

94 12.3 9.0 13.6

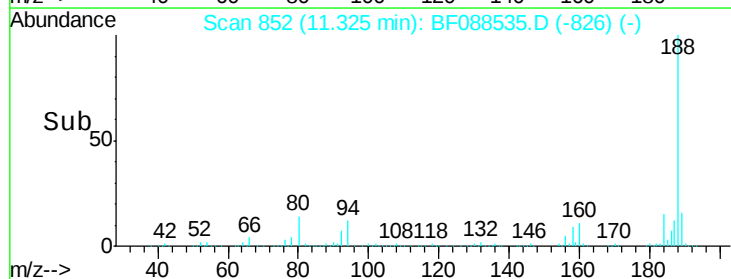
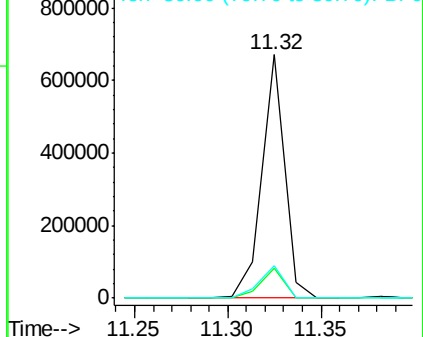
80 13.5 10.0 15.0

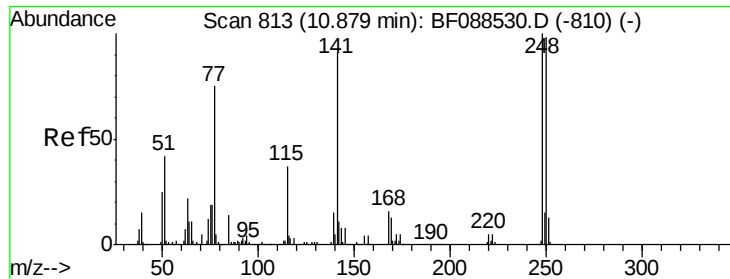


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

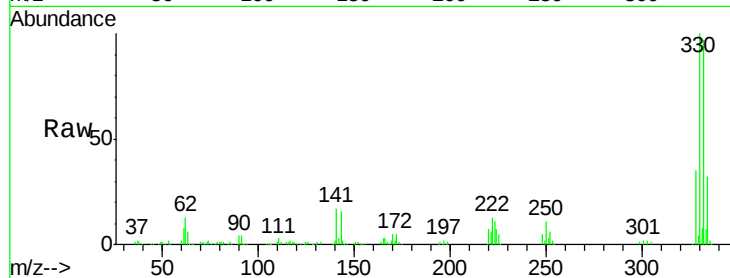




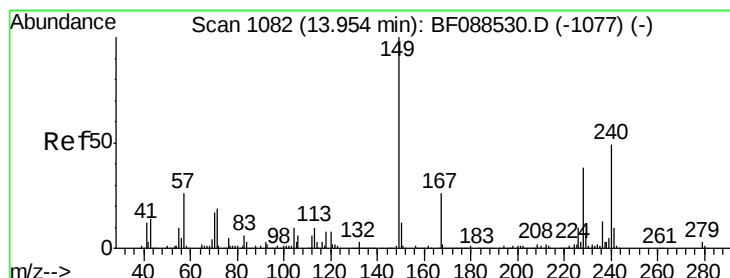
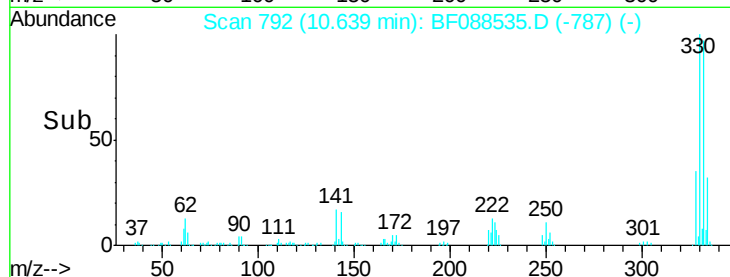
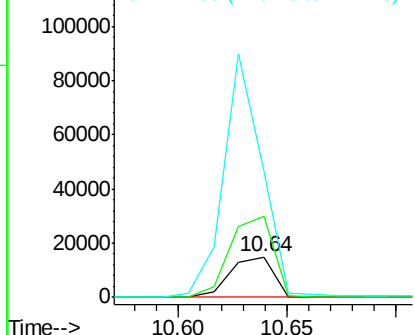
#66
4-Bromophenyl-phenylether
Concen: 3.67 ng
RT: 10.64 min Scan# 792
Delta R.T. -0.24 min
Lab File: BF088535.D
Acq: 30 Jun 2016 18:04

Instrument :
BNA_F
ClientSampleId :
PB91573BL

Tgt Ion:248 Resp: 20781
Ion Ratio Lower Upper
248 100
250 200.2 77.1 115.7#
141 309.0 50.6 76.0#

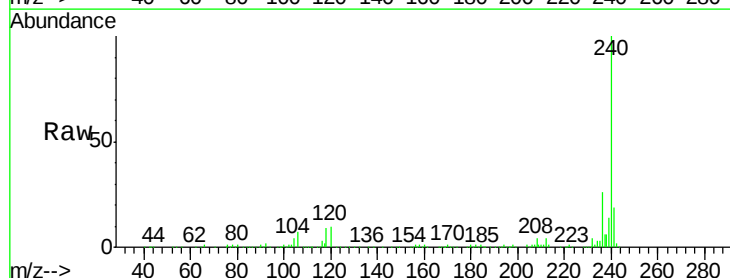


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

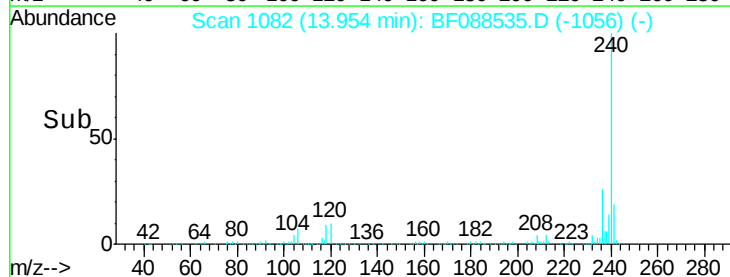
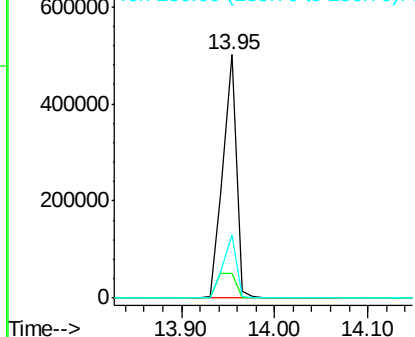


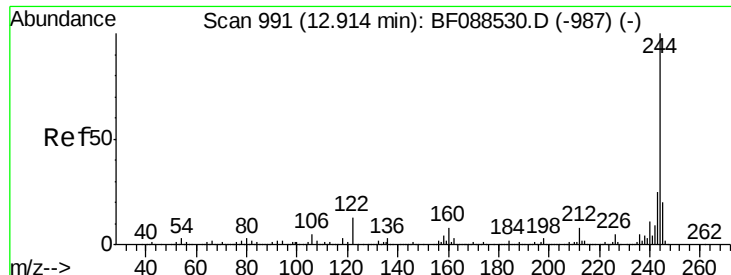
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.00 min
Lab File: BF088535.D
Acq: 30 Jun 2016 18:04

Tgt Ion:240 Resp: 505684
Ion Ratio Lower Upper
240 100
120 10.1 6.8 10.2
236 26.1 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





#78

Terphenyl-d14

Concen: 52.42 ng

RT: 12.91 min Scan# 991

Delta R.T. -0.00 min

Lab File: BF088535.D

Acq: 30 Jun 2016 18:04

Instrument :

BNA_F

ClientSampleId :

PB91573BL

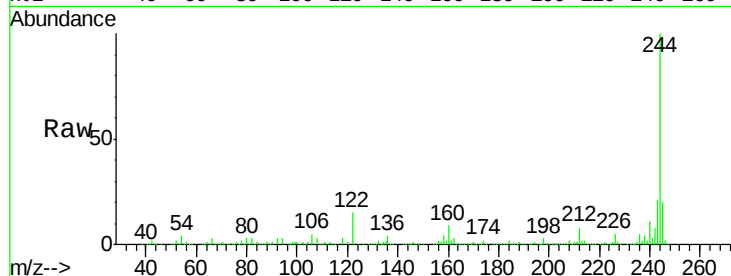
Tgt Ion:244 Resp: 1190051

Ion Ratio Lower Upper

244 100

212 8.1 6.0 9.0

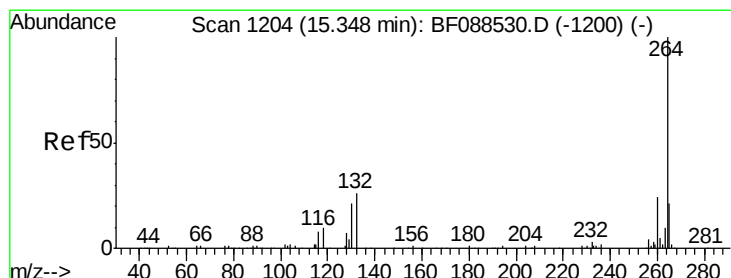
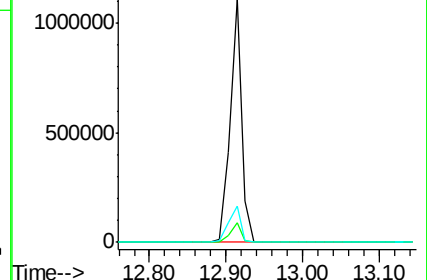
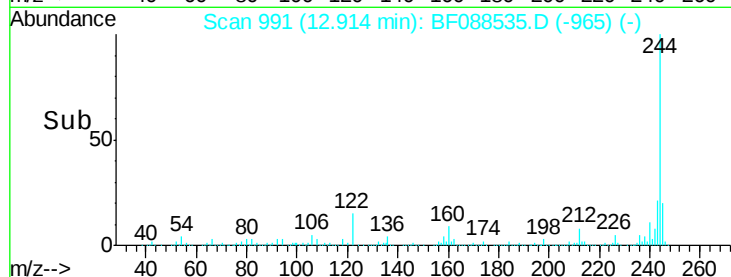
122 14.8 11.2 16.8



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.35 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BF088535.D

Acq: 30 Jun 2016 18:04

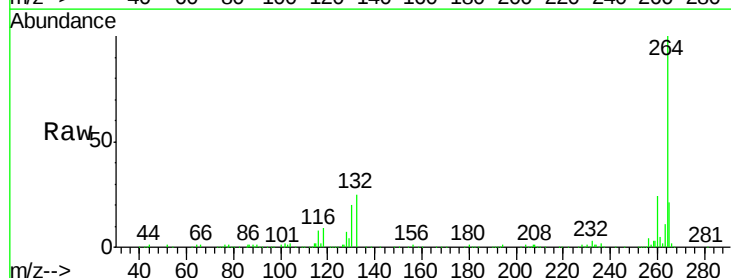
Tgt Ion:264 Resp: 384544

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.3 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

