

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
 Data File : BF088537.D
 Acq On : 30 Jun 2016 19:02
 Operator : UM/SJ
 Sample : PB91573TB
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91573TB

Quant Time: Jul 01 01:28:54 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

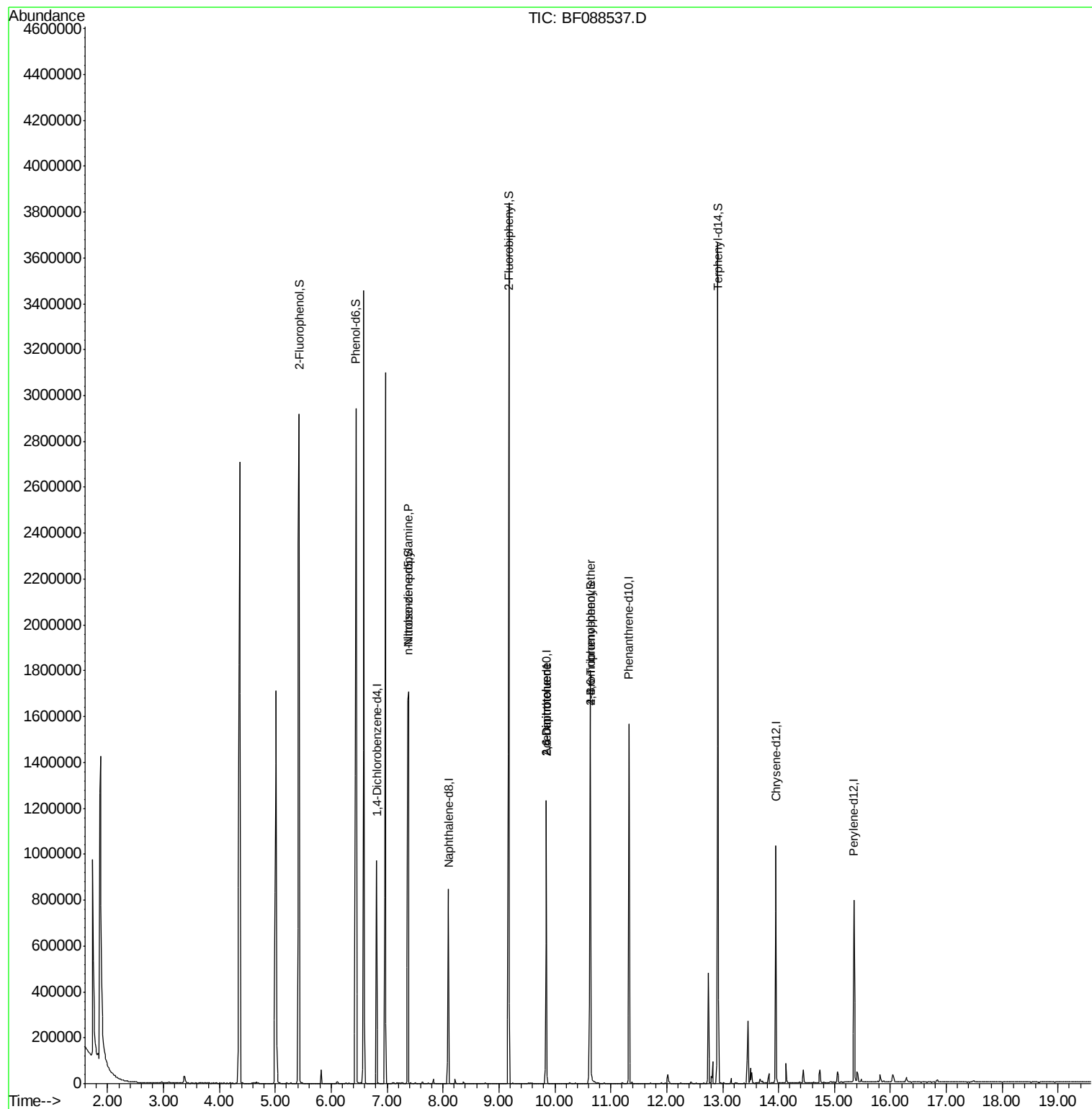
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	136344	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	566854	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	277155	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	507479	20.00	ng	0.00
75) Chrysene-d12	13.95	240	449646	20.00	ng	0.00
86) Perylene-d12	15.35	264	341002	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1158278	127.32	ng	0.02
7) Phenol-d6	6.44	99	1216805	103.51	ng	0.00
23) Nitrobenzene-d5	7.38	82	946403	87.49	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	325841	126.61	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1297737	73.96	ng	0.00
78) Terphenyl-d14	12.91	244	1190093	58.95	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	125706	15.92	ng	# 76
50) 2,6-Dinitrotoluene	9.85	165	34851	7.96	ng	# 40
56) 2,4-Dinitrotoluene	9.85	165	34851	6.09	ng	# 38
66) 4-Bromophenyl-phenylether	10.64	248	20445	4.00	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

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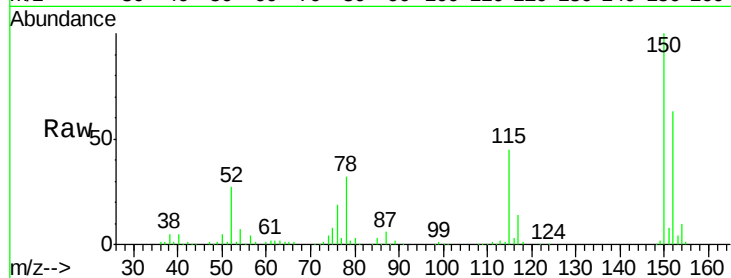
Tgt Ion:152 Resp: 136344

Ion Ratio Lower Upper

152 100

150 158.5 123.8 185.6

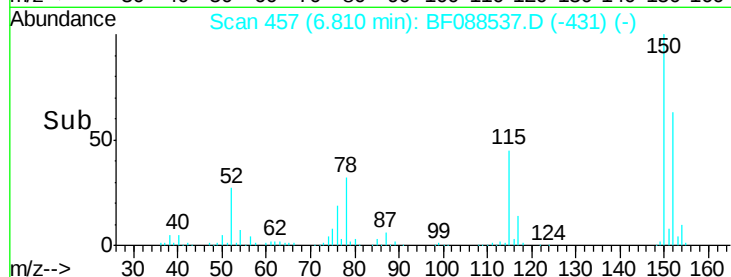
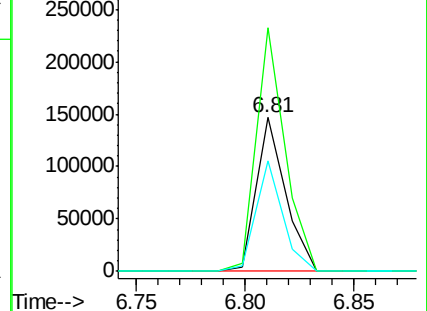
115 71.6 39.6 59.4#



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: 127.32 ng

RT: 5.43 min Scan# 336

Delta R.T. 0.02 min

Lab File: BF088537.D

Acq: 30 Jun 2016 19:02

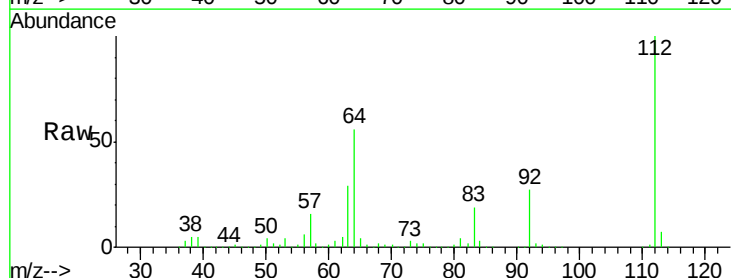
Tgt Ion:112 Resp: 1158278

Ion Ratio Lower Upper

112 100

64 55.8 42.2 63.2

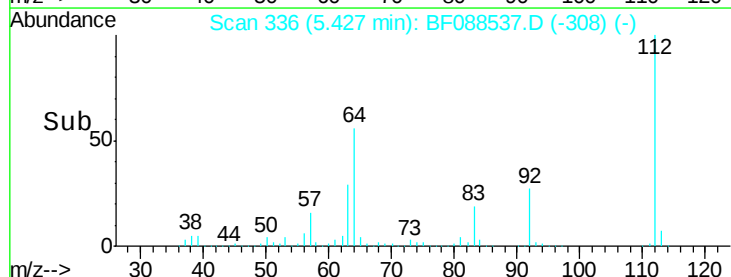
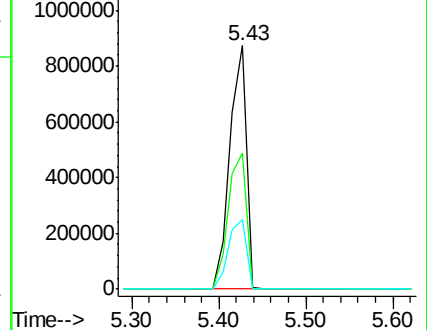
63 28.7 21.8 32.8



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: 103.51 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF088537.D

Acq: 30 Jun 2016 19:02

Instrument :

BNA_F

ClientSampleId :

PB91573TB

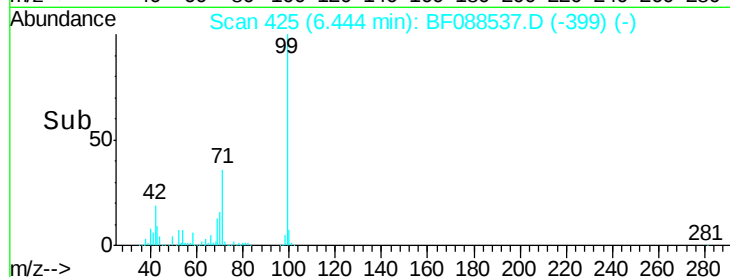
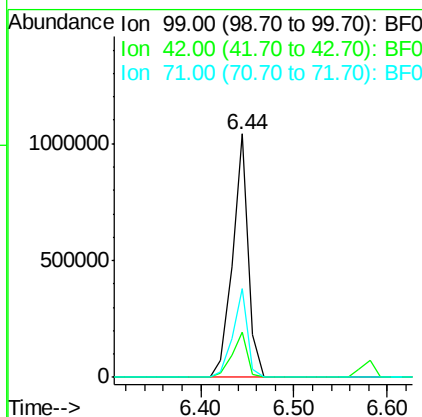
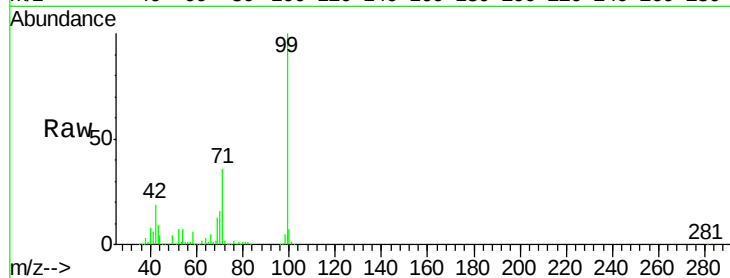
Tgt Ion: 99 Resp: 1216805

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: 15.92 ng

RT: 7.37 min Scan# 506

Delta R.T. 0.14 min

Lab File: BF088537.D

Acq: 30 Jun 2016 19:02

Tgt Ion: 70 Resp: 125706

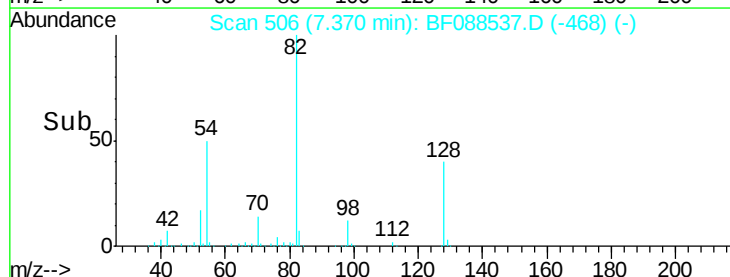
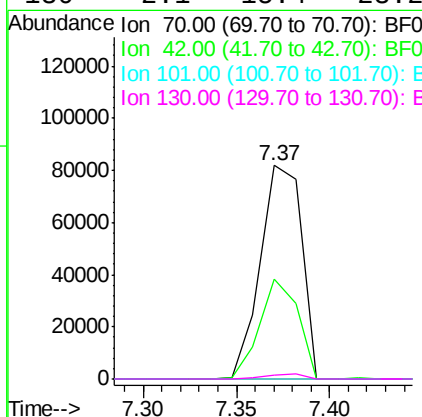
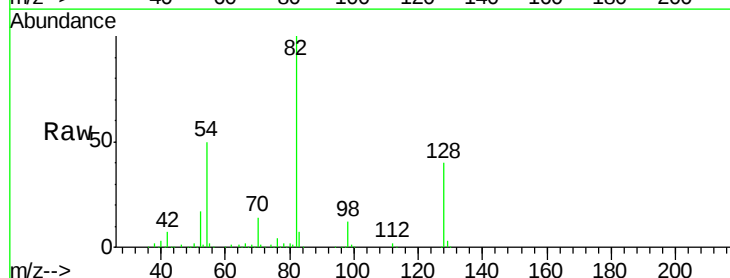
Ion Ratio Lower Upper

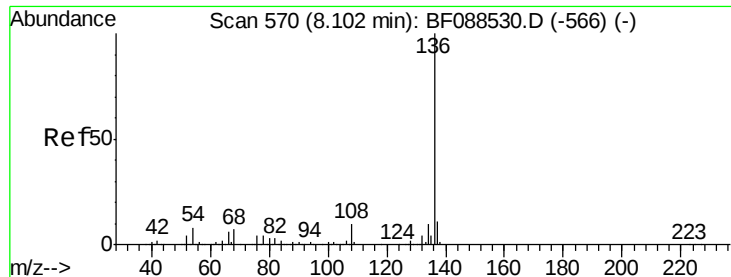
70 100

42 46.8 49.6 74.4#

101 0.0 7.1 10.7#

130 2.1 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: BF088537.D

Acq: 30 Jun 2016 19:02

Instrument :

BNA_F

ClientSampleId :

PB91573TB

Tgt Ion:136 Resp: 566854

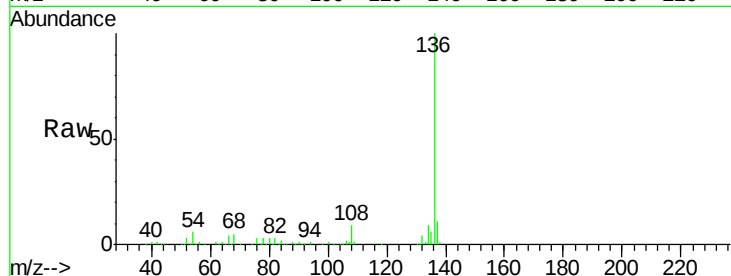
Ion Ratio Lower Upper

136 100

137 10.5 9.1 13.7

54 5.6 6.6 10.0#

68 5.1 5.1 7.7#

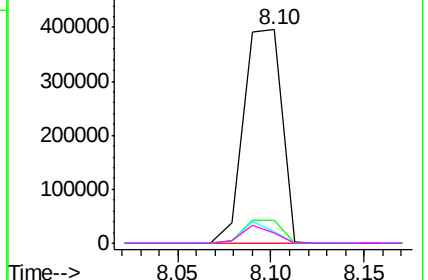
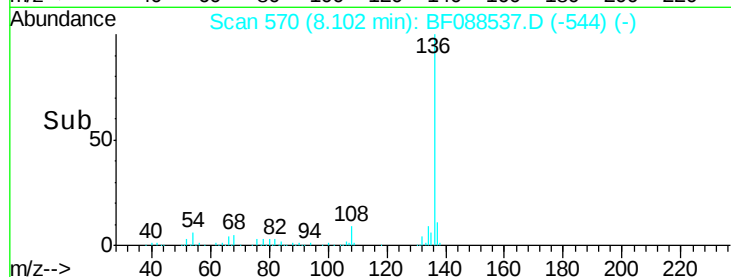


Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.49 ng

RT: 7.38 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF088537.D

Acq: 30 Jun 2016 19:02

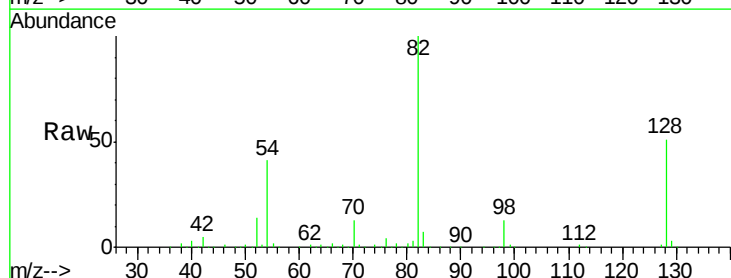
Tgt Ion: 82 Resp: 946403

Ion Ratio Lower Upper

82 100

128 51.1 35.9 53.9

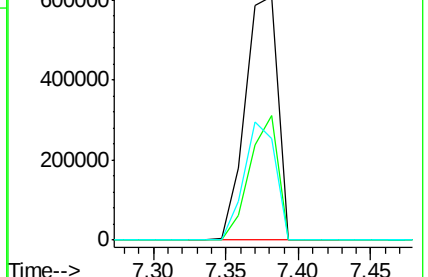
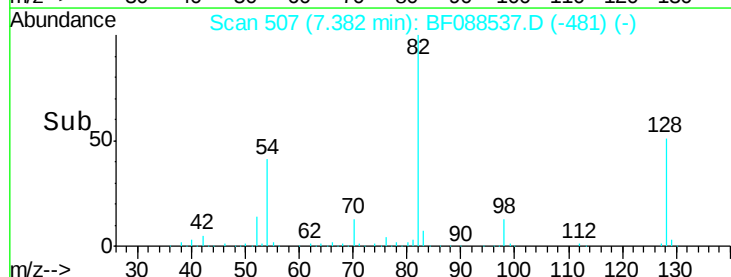
54 41.4 40.9 61.3

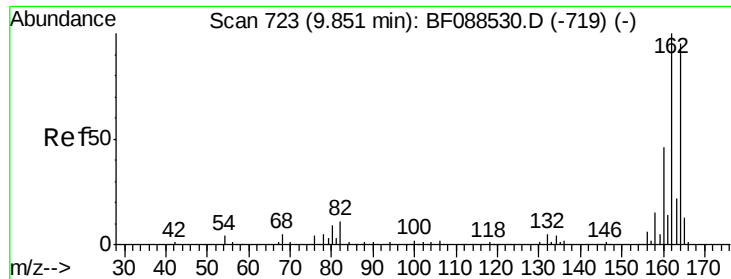


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF088537.D

Acq: 30 Jun 2016 19:02

Instrument :

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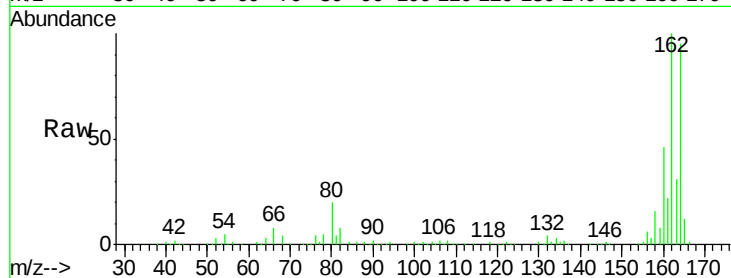
Tgt Ion:164 Resp: 277155

Ion Ratio Lower Upper

164 100

162 105.8 85.4 128.2

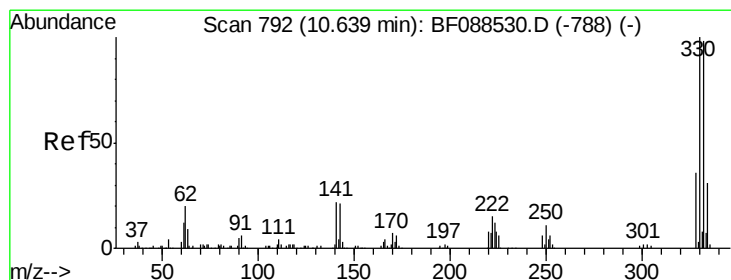
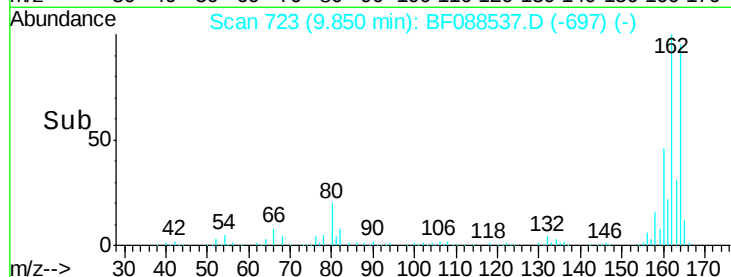
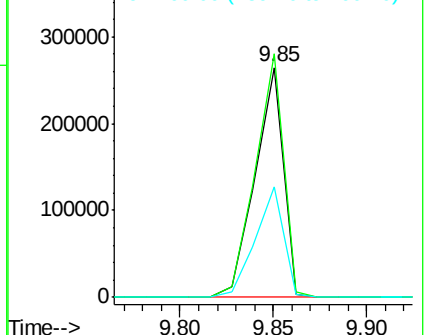
160 48.3 39.5 59.3



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: 126.61 ng

RT: 10.64 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF088537.D

Acq: 30 Jun 2016 19:02

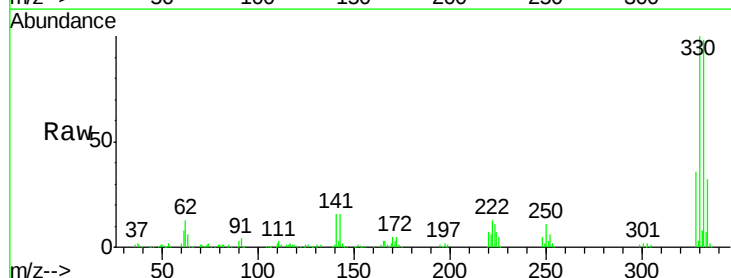
Tgt Ion:330 Resp: 325841

Ion Ratio Lower Upper

330 100

332 96.9 0.0 0.0#

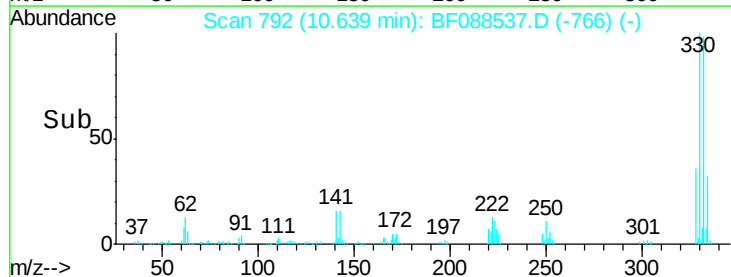
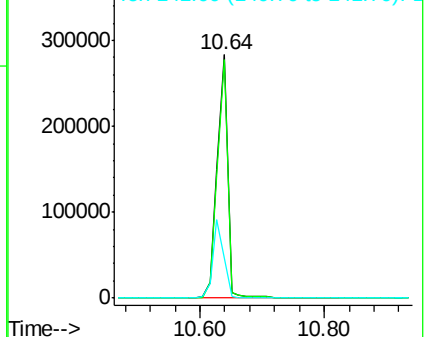
141 34.2 0.0 0.0#

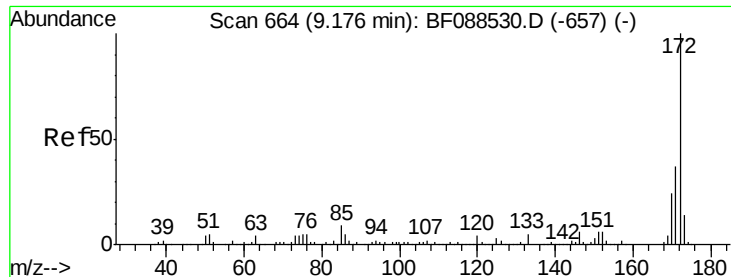


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

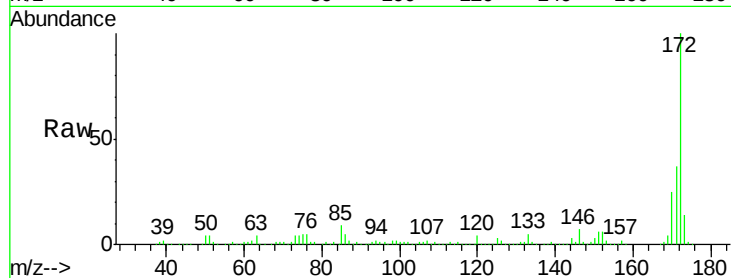




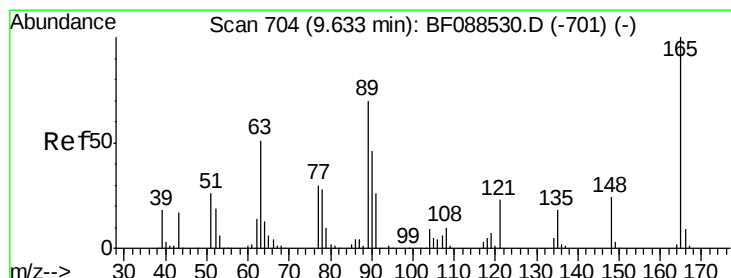
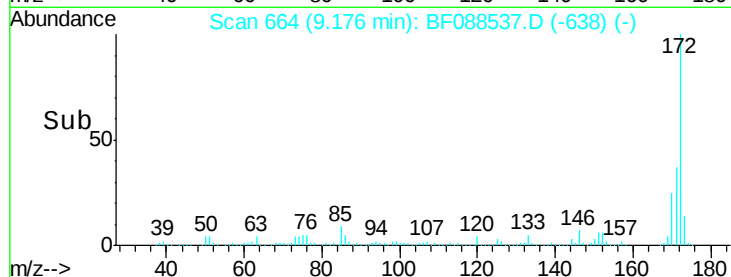
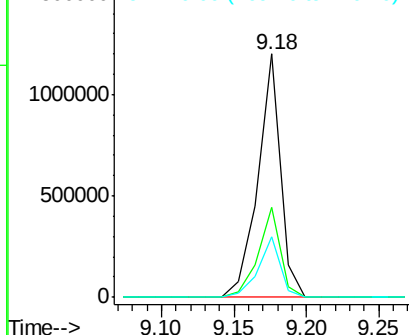
#44
 2-Fluorobiphenyl
 Concen: 73.96 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF088537.D
 Acq: 30 Jun 2016 19:02

Instrument :
 BNA_F
 ClientSampleId :
 PB91573TB

Tgt Ion:172 Resp: 1297737
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.6 43.0
 170 25.0 19.2 28.8

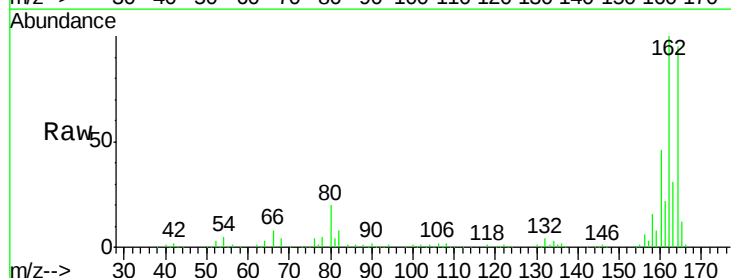


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

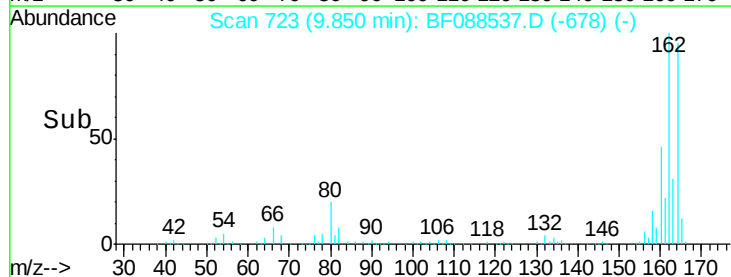
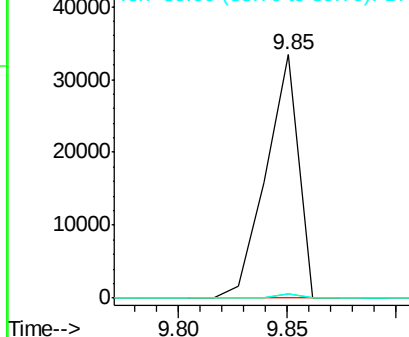


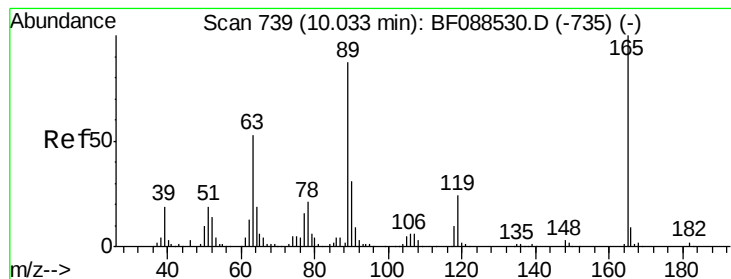
#50
 2,6-Dinitrotoluene
 Concen: 7.96 ng
 RT: 9.85 min Scan# 723
 Delta R.T. 0.22 min
 Lab File: BF088537.D
 Acq: 30 Jun 2016 19:02

Tgt Ion:165 Resp: 34851
 Ion Ratio Lower Upper
 165 100
 63 1.5 28.1 42.1#
 89 1.8 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

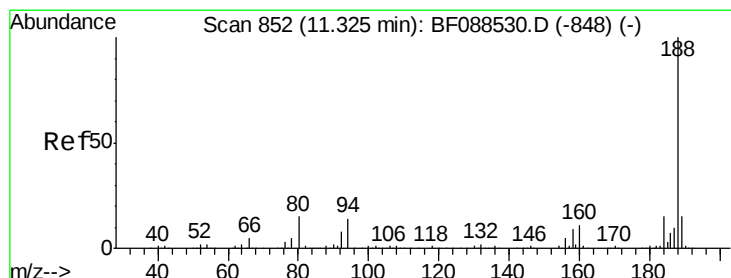
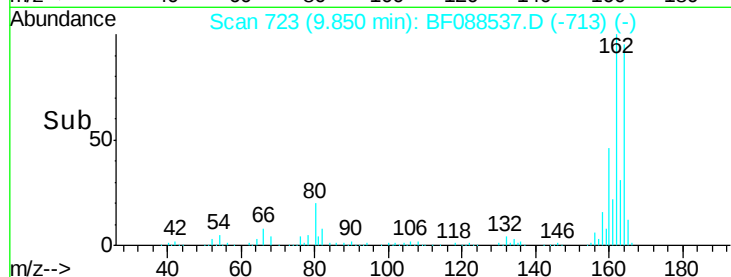
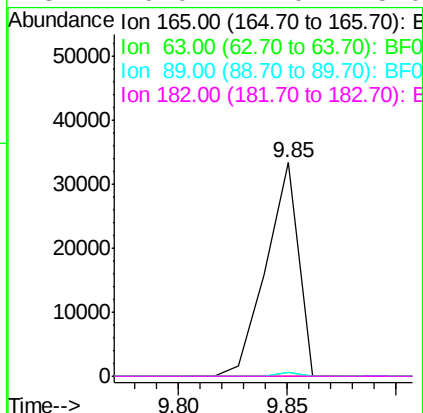
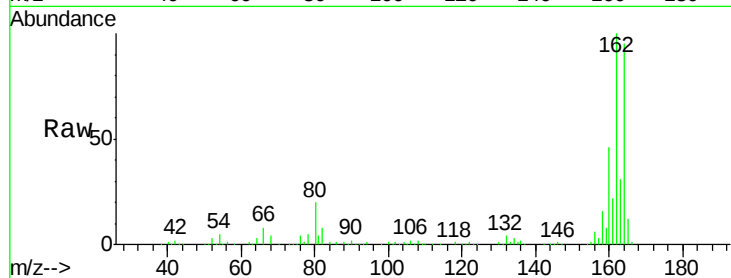




#56
 2,4-Dinitrotoluene
 Concen: 6.09 ng
 RT: 9.85 min Scan# 723
 Delta R.T. -0.18 min
 Lab File: BF088537.D
 Acq: 30 Jun 2016 19:02

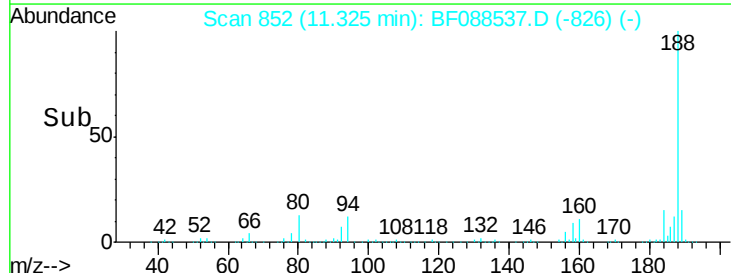
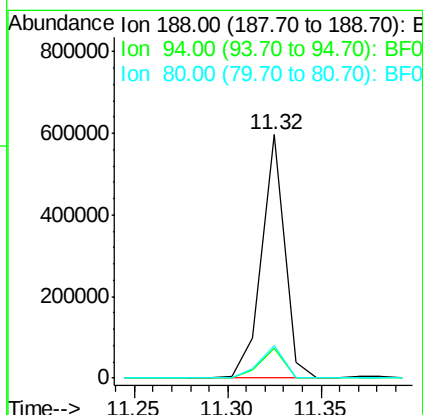
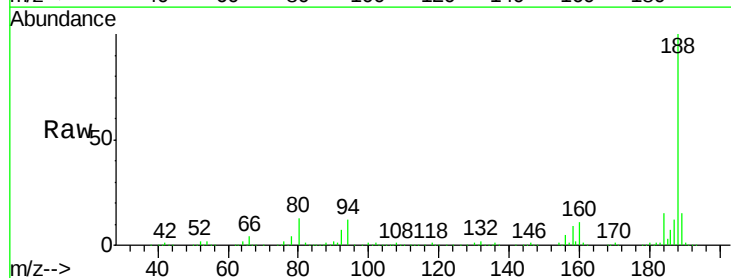
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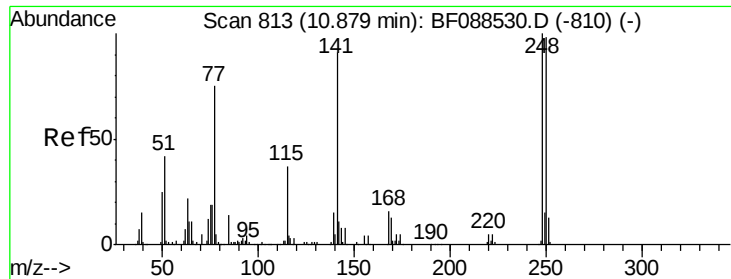
Tgt Ion:	165	Resp:	34851
Ion Ratio	Lower	Upper	
165	100		
63	1.5	22.0	33.0#
89	1.8	41.1	61.7#
182	0.0	2.0	3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BF088537.D
 Acq: 30 Jun 2016 19:02

Tgt Ion:	188	Resp:	507479
Ion Ratio	Lower	Upper	
188	100		
94	12.0	9.0	13.6
80	13.3	10.0	15.0

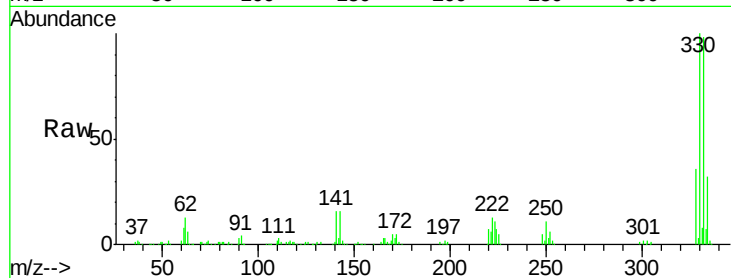




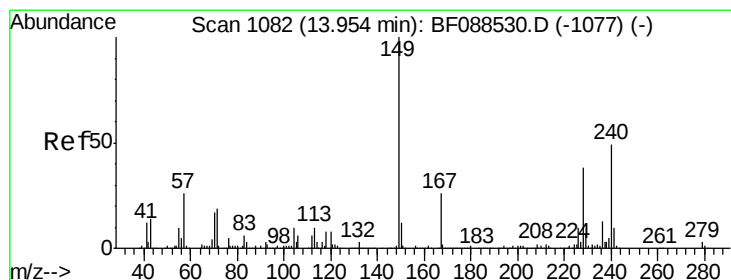
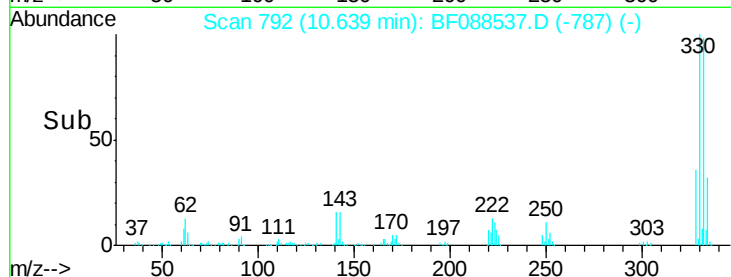
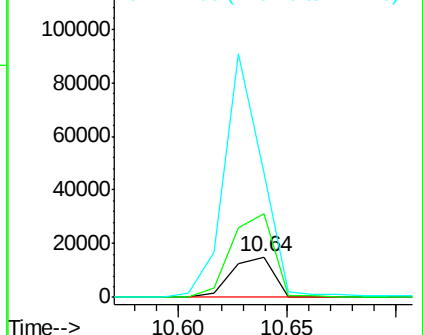
#66
 4-Bromophenyl-phenylether
 Concen: 4.00 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.24 min
 Lab File: BF088537.D
 Acq: 30 Jun 2016 19:02

Instrument :
 BNA_F
 ClientSampleId :
 PB91573TB

Tgt Ion:248 Resp: 20445
 Ion Ratio Lower Upper
 248 100
 250 204.6 77.1 115.7#
 141 307.1 50.6 76.0#

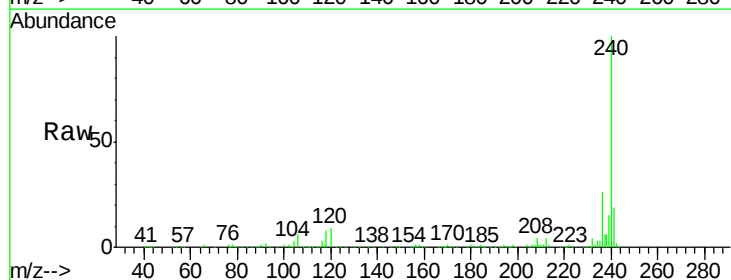


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

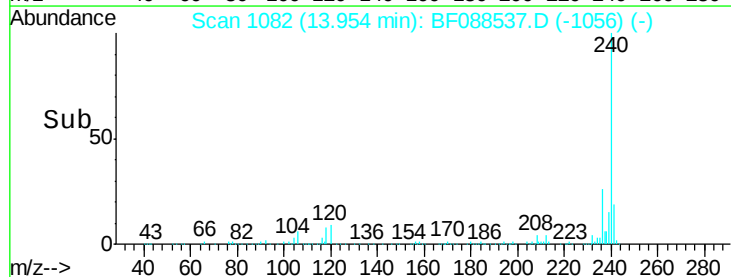
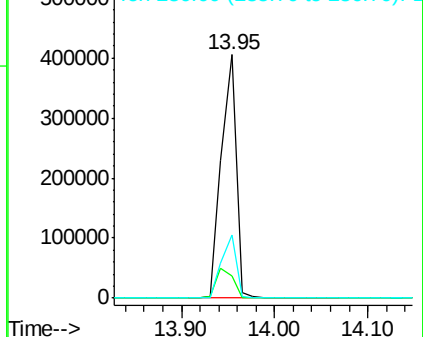


#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.95 min Scan# 1082
 Delta R.T. -0.00 min
 Lab File: BF088537.D
 Acq: 30 Jun 2016 19:02

Tgt Ion:240 Resp: 449646
 Ion Ratio Lower Upper
 240 100
 120 9.1 6.8 10.2
 236 25.8 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: 58.95 ng

RT: 12.91 min Scan# 991

Delta R.T. -0.00 min

Lab File: BF088537.D

Acq: 30 Jun 2016 19:02

Instrument :

BNA_F

ClientSampleId :

PB91573TB

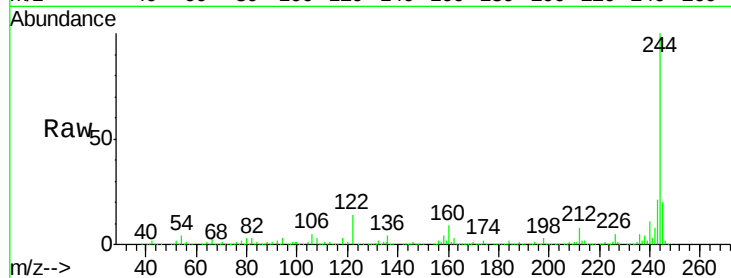
Tgt Ion:244 Resp: 1190093

Ion Ratio Lower Upper

244 100

212 8.0 6.0 9.0

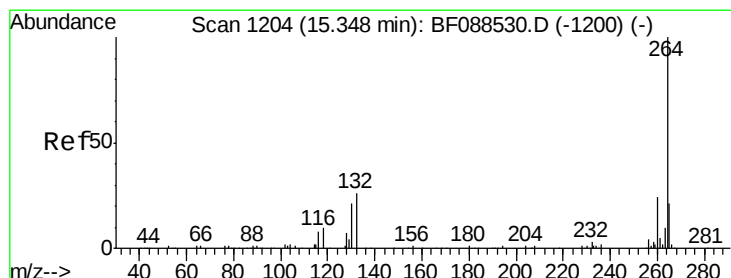
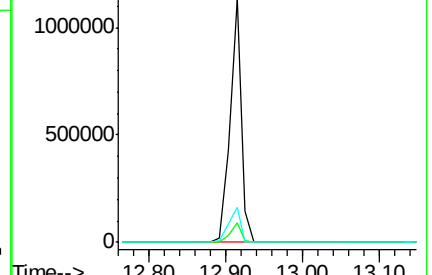
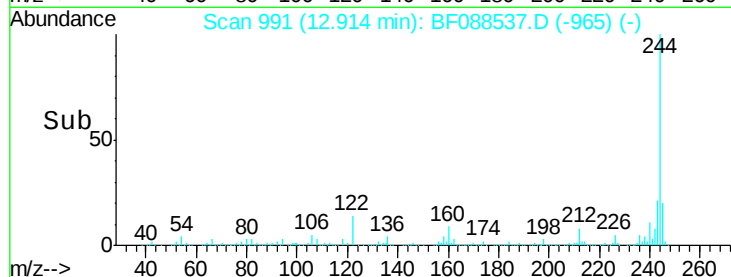
122 14.2 11.2 16.8



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: BF088537.D

Acq: 30 Jun 2016 19:02

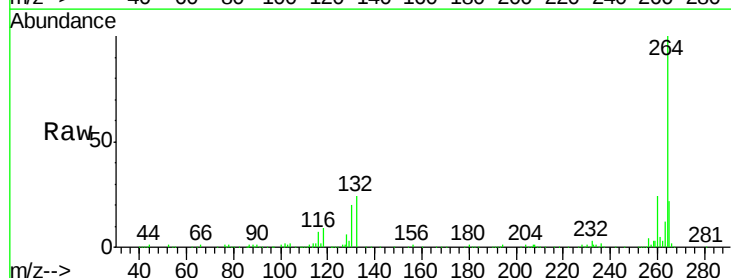
Tgt Ion:264 Resp: 341002

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 22.0 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

