

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
 Data File : BF088544.D
 Acq On : 30 Jun 2016 22:25
 Operator : UM/SJ
 Sample : PB91702BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91702BL

Quant Time: Jul 01 01:31:32 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

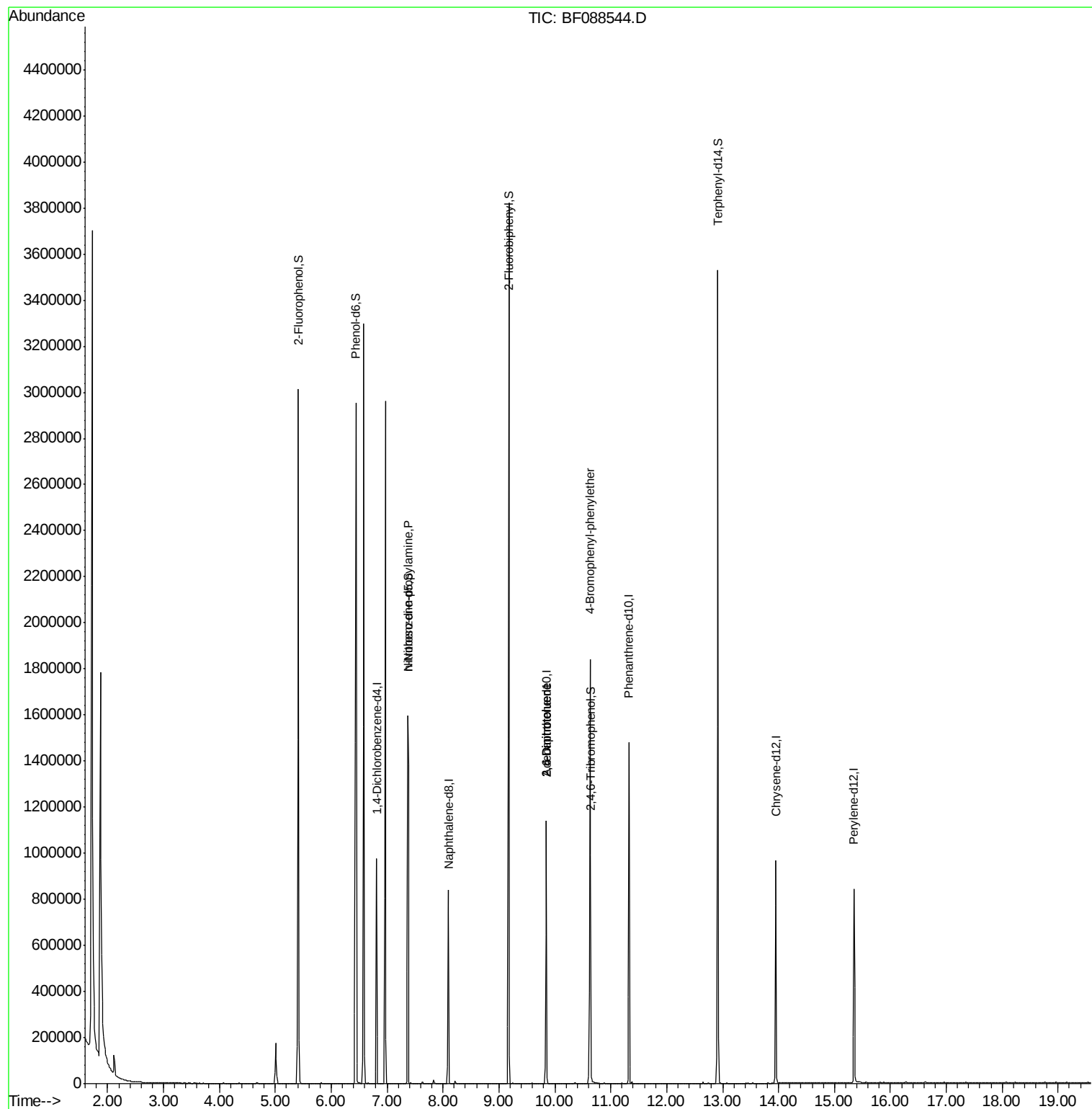
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	133788	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	556054	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	266648	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	509925	20.00	ng	0.00
75) Chrysene-d12	13.95	240	433186	20.00	ng	0.00
86) Perylene-d12	15.35	264	369457	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	919817	103.04	ng	0.01
7) Phenol-d6	6.44	99	1189257	103.10	ng	0.00
23) Nitrobenzene-d5	7.37	82	850854	80.19	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	287978	116.30	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1246505	73.84	ng	0.00
78) Terphenyl-d14	12.91	244	1135431	58.38	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	112434	14.51	ng	# 75
50) 2,6-Dinitrotoluene	9.85	165	34590	8.22	ng	# 40
56) 2,4-Dinitrotoluene	9.85	165	34590	6.28	ng	# 38
66) 4-Bromophenyl-phenylether	10.63	248	17227	3.35	ng	# 1

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

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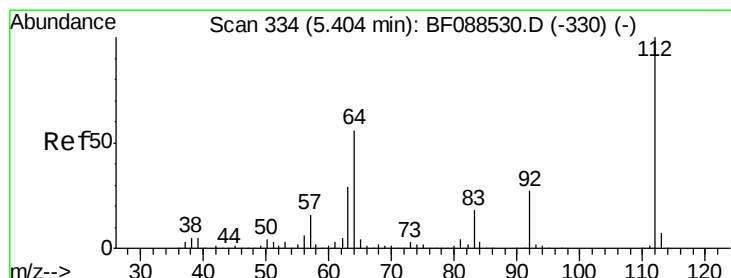
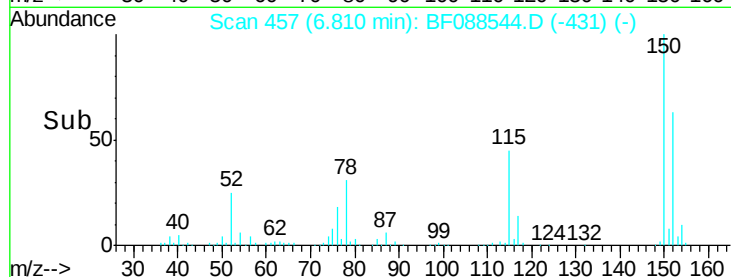
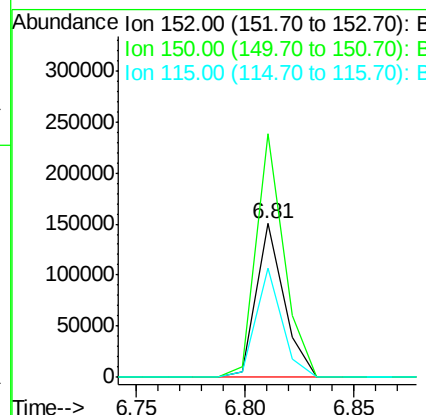
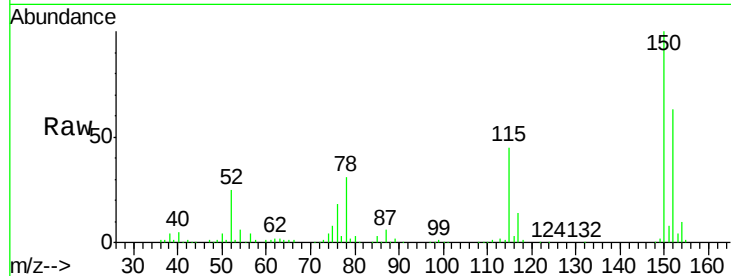




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.81 min Scan# 457
 Delta R.T. -0.00 min
 Lab File: BF088544.D
 Acq: 30 Jun 2016 22:25

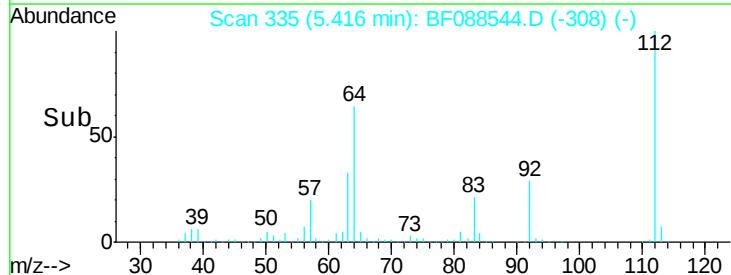
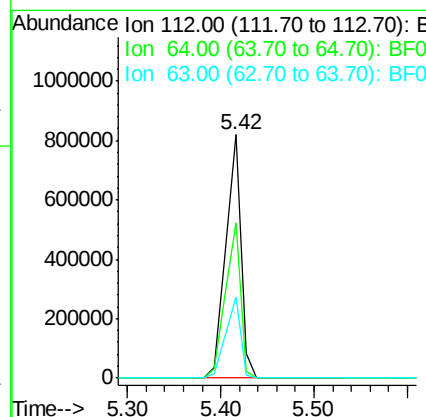
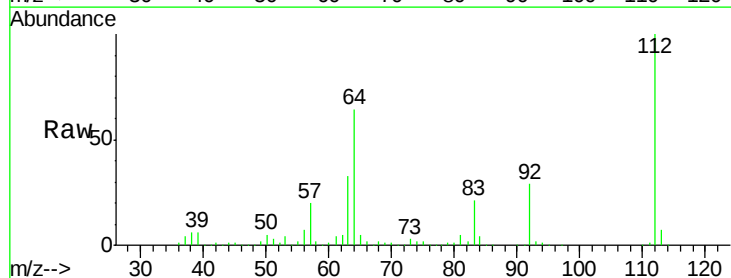
Instrument :
 BNA_F
 ClientSampleId :
 PB91702BL

Tgt Ion:152 Resp: 133788
 Ion Ratio Lower Upper
 152 100
 150 158.5 123.8 185.6
 115 71.4 39.6 59.4#



#5
 2-Fluorophenol
 Concen: 103.04 ng
 RT: 5.42 min Scan# 335
 Delta R.T. 0.01 min
 Lab File: BF088544.D
 Acq: 30 Jun 2016 22:25

Tgt Ion:112 Resp: 919817
 Ion Ratio Lower Upper
 112 100
 64 63.8 42.2 63.2#
 63 33.4 21.8 32.8#





#7

Phenol-d6

Concen: 103.10 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF088544.D

Acq: 30 Jun 2016 22:25

Instrument :

BNA_F

ClientSampled :

PB91702BL

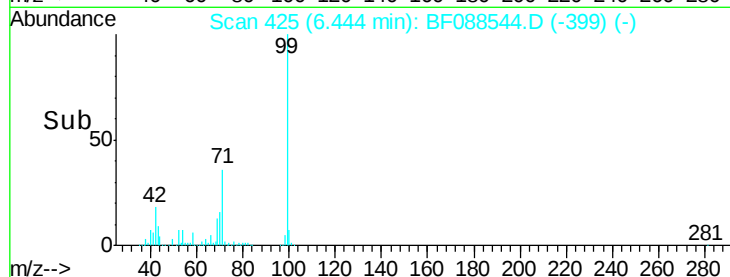
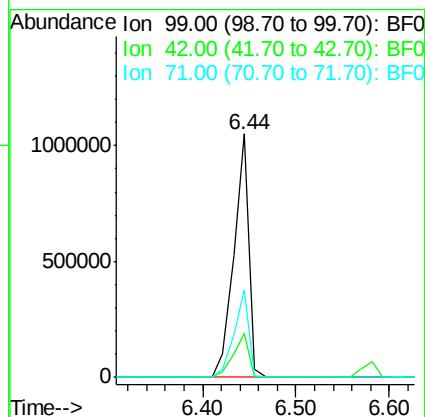
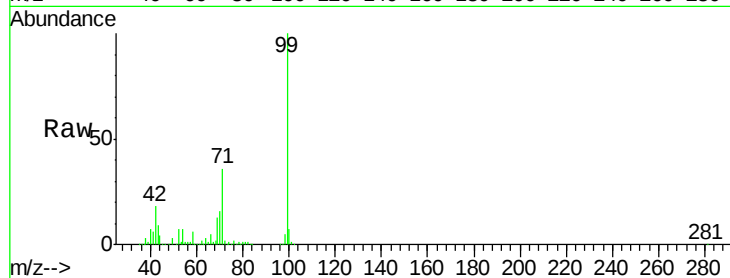
Tgt Ion: 99 Resp: 1189257

Ion Ratio Lower Upper

99 100

42 18.3 12.2 18.2#

71 36.2 23.4 35.0#



#19

n-Nitroso-di-n-propylamine

Concen: 14.51 ng

RT: 7.37 min Scan# 506

Delta R.T. 0.14 min

Lab File: BF088544.D

Acq: 30 Jun 2016 22:25

Tgt Ion: 70 Resp: 112434

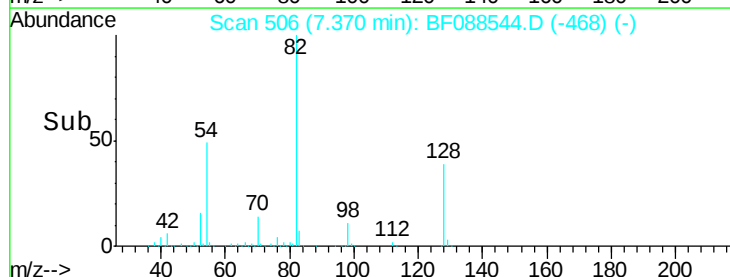
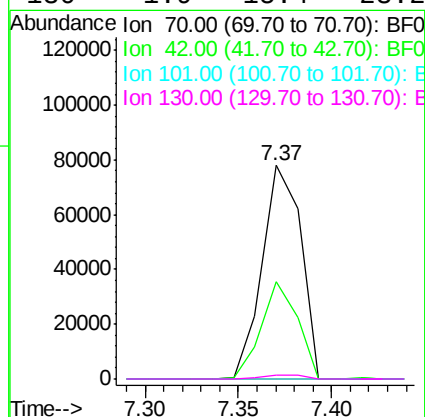
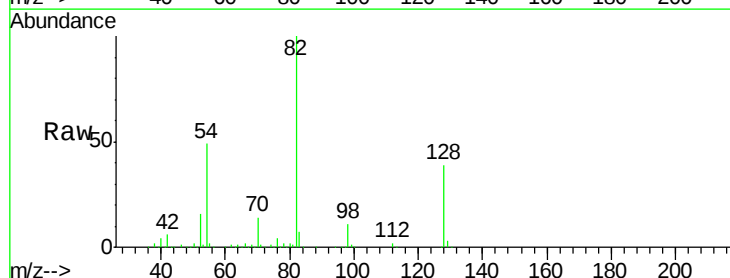
Ion Ratio Lower Upper

70 100

42 45.7 49.6 74.4#

101 0.0 7.1 10.7#

130 1.9 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: BF088544.D

Acq: 30 Jun 2016 22:25

Instrument :

BNA_F

ClientSampleId :

PB91702BL

Tgt Ion:136 Resp: 556054

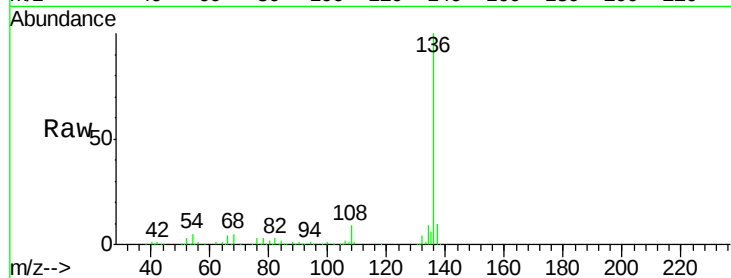
Ion Ratio Lower Upper

136 100

137 10.4 9.1 13.7

54 5.5 6.6 10.0#

68 5.0 5.1 7.7#

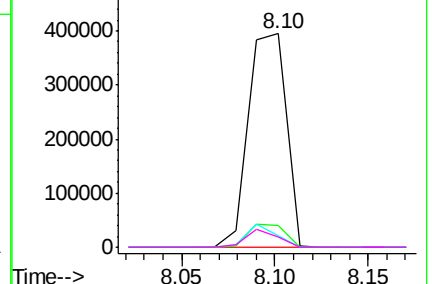
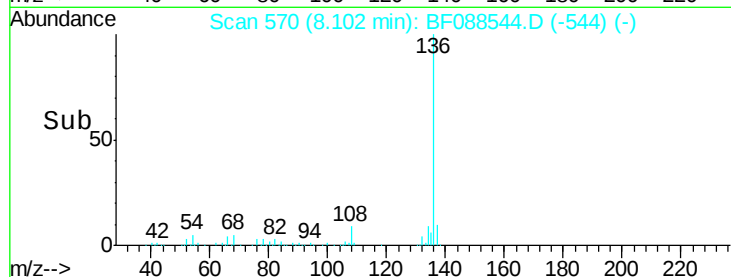


Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.19 ng

RT: 7.37 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF088544.D

Acq: 30 Jun 2016 22:25

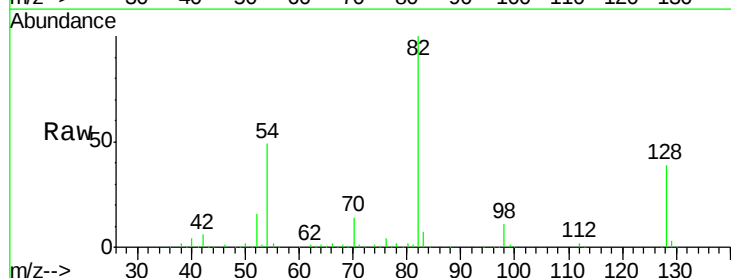
Tgt Ion: 82 Resp: 850854

Ion Ratio Lower Upper

82 100

128 39.0 35.9 53.9

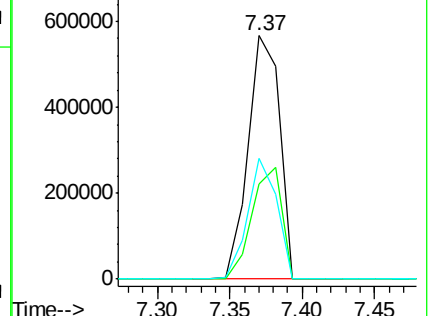
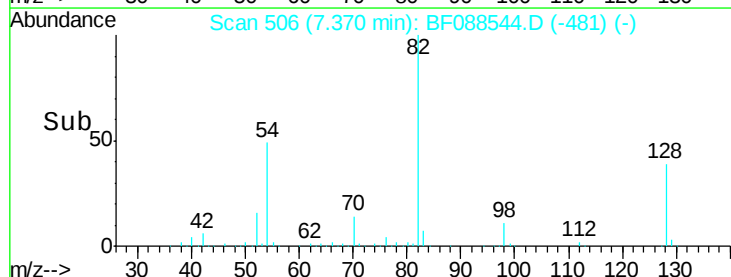
54 49.5 40.9 61.3

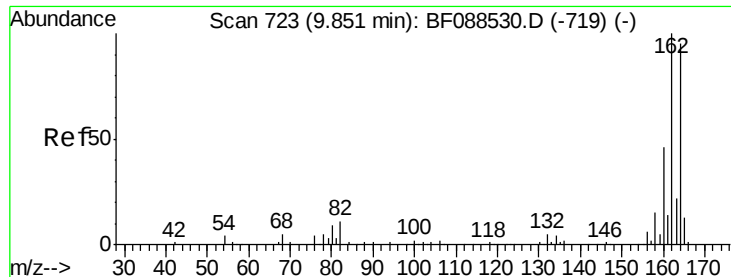


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF088544.D

Acq: 30 Jun 2016 22:25

Instrument :

BNA_F

ClientSampleId :

PB91702BL

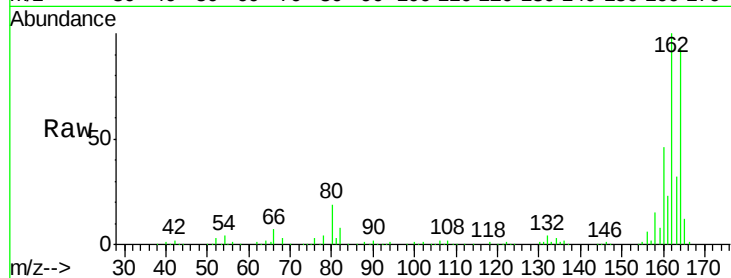
Tgt Ion:164 Resp: 266648

Ion Ratio Lower Upper

164 100

162 107.5 85.4 128.2

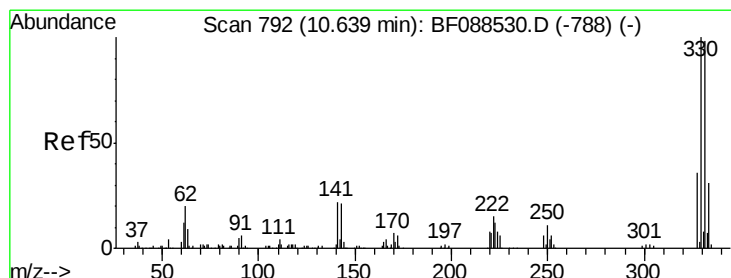
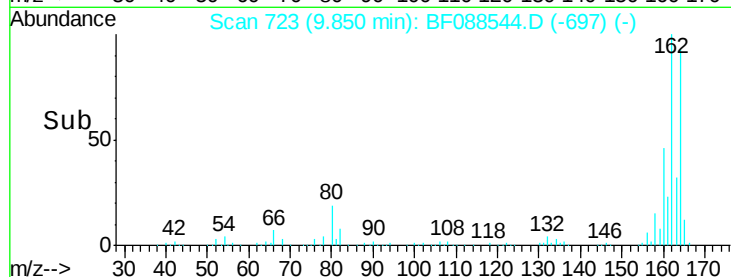
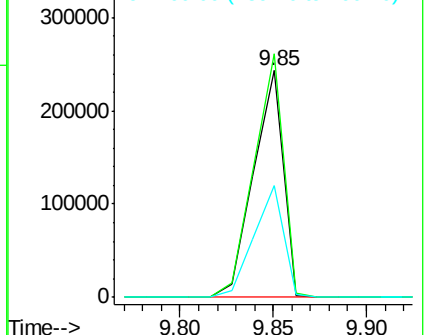
160 49.5 39.5 59.3



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: 116.30 ng

RT: 10.64 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF088544.D

Acq: 30 Jun 2016 22:25

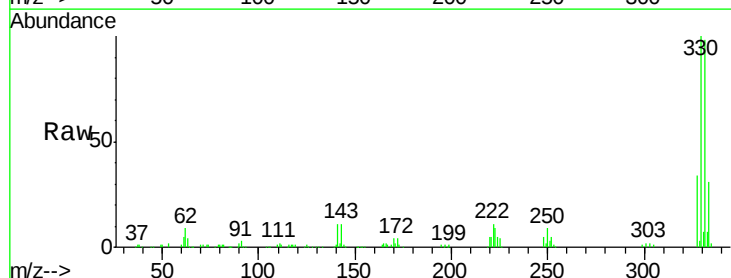
Tgt Ion:330 Resp: 287978

Ion Ratio Lower Upper

330 100

332 97.8 0.0 0.0#

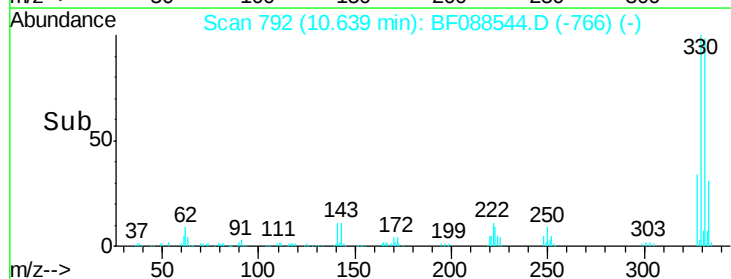
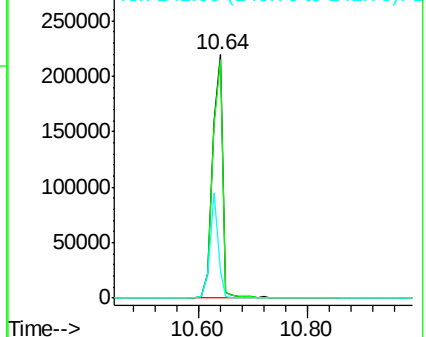
141 34.9 0.0 0.0#

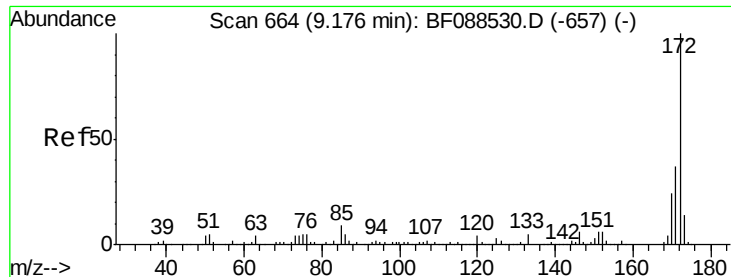


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

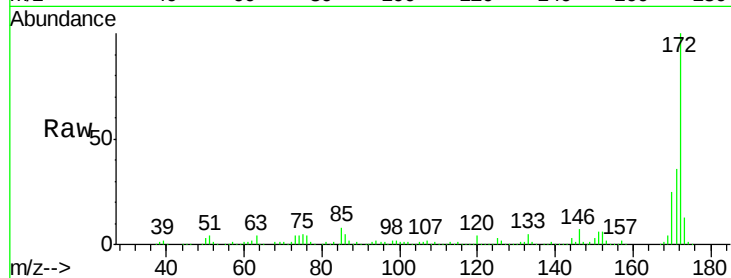




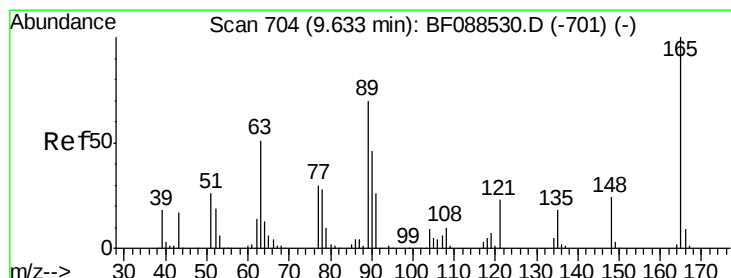
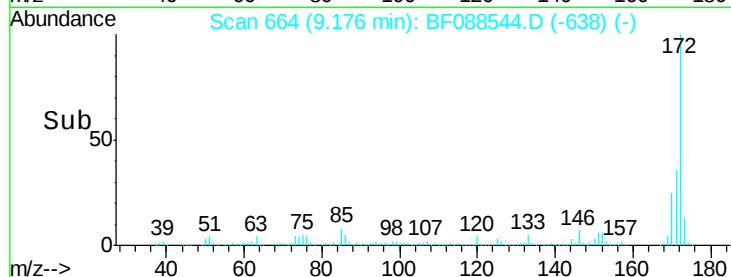
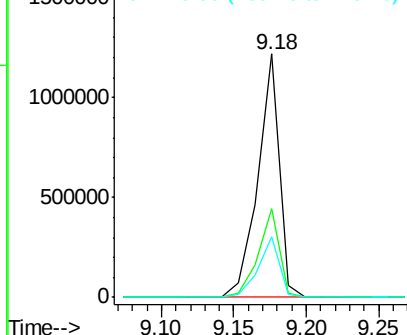
#44
 2-Fluorobiphenyl
 Concen: 73.84 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF088544.D
 Acq: 30 Jun 2016 22:25

Instrument :
 BNA_F
 ClientSampleId :
 PB91702BL

Tgt Ion:172 Resp: 1246505
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.6 43.0
 170 24.7 19.2 28.8

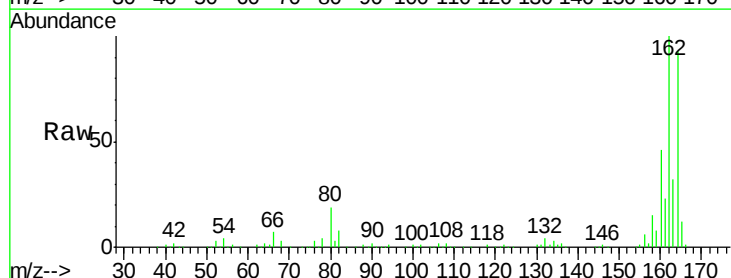


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

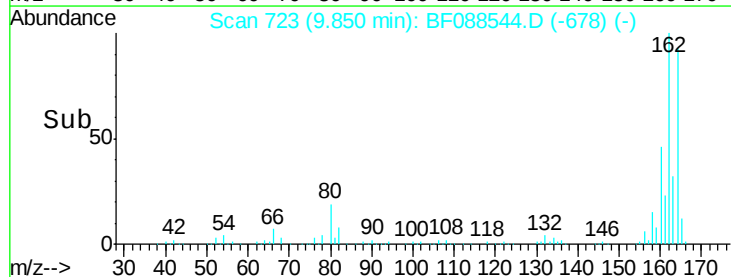
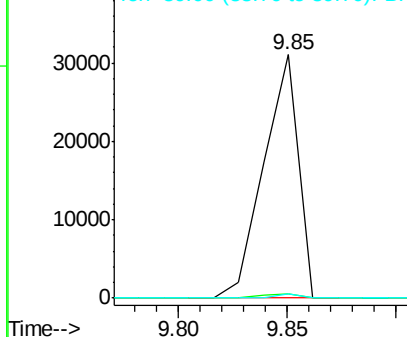


#50
 2,6-Dinitrotoluene
 Concen: 8.22 ng
 RT: 9.85 min Scan# 723
 Delta R.T. 0.22 min
 Lab File: BF088544.D
 Acq: 30 Jun 2016 22:25

Tgt Ion:165 Resp: 34590
 Ion Ratio Lower Upper
 165 100
 63 1.7 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

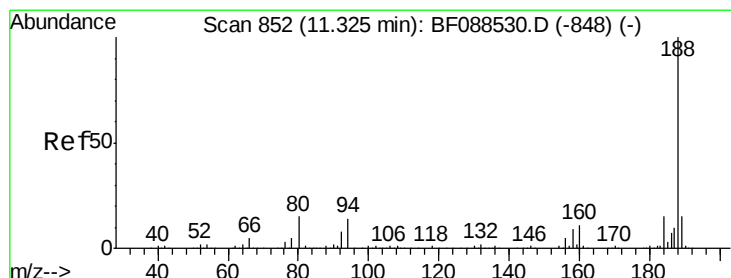
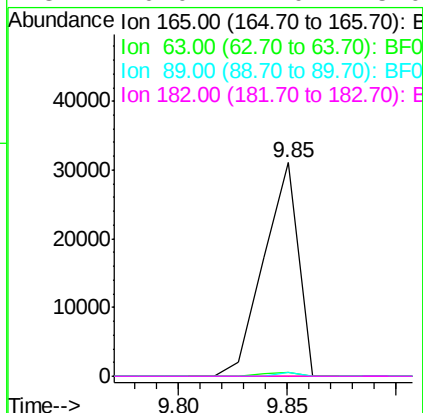
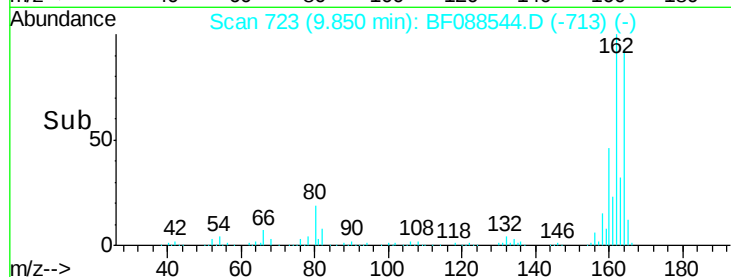
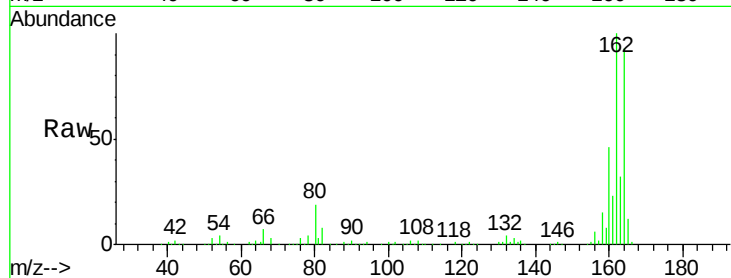




#56
 2,4-Dinitrotoluene
 Concen: 6.28 ng
 RT: 9.85 min Scan# 723
 Delta R.T. -0.18 min
 Lab File: BF088544.D
 Acq: 30 Jun 2016 22:25

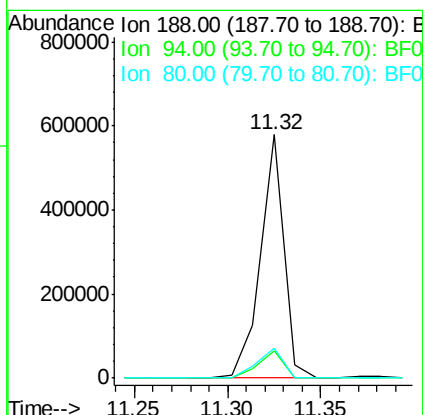
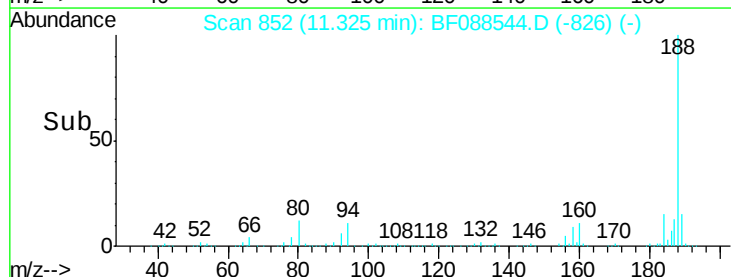
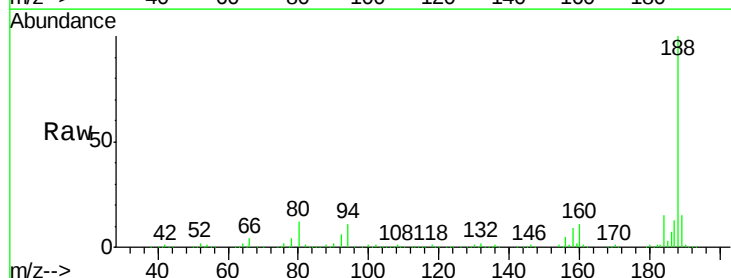
Instrument :
 BNA_F
 ClientSampleId :
 PB91702BL

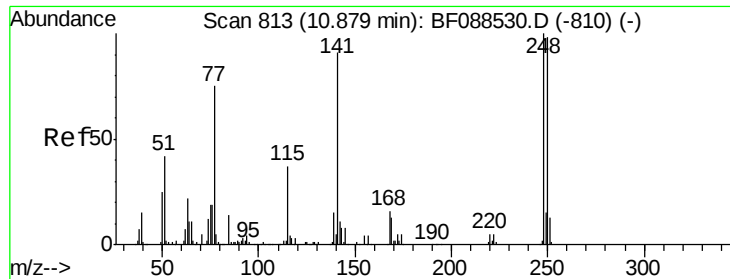
Tgt Ion:	165	Resp:	34590
Ion	Ratio	Lower	Upper
165	100		
63	1.7	22.0	33.0#
89	1.8	41.1	61.7#
182	0.0	2.0	3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BF088544.D
 Acq: 30 Jun 2016 22:25

Tgt Ion:	188	Resp:	509925
Ion	Ratio	Lower	Upper
188	100		
94	11.3	9.0	13.6
80	12.2	10.0	15.0

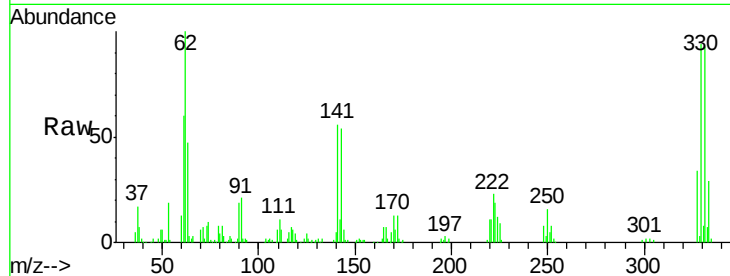




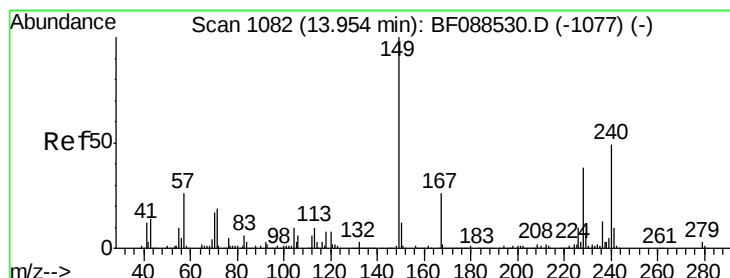
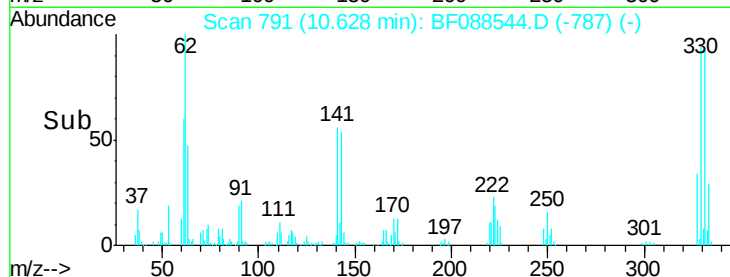
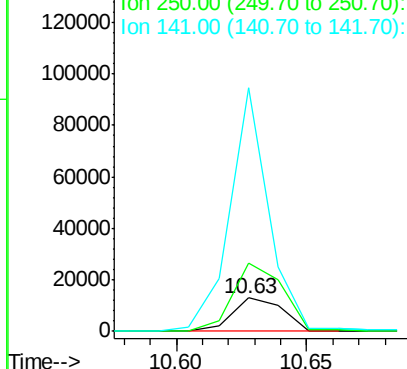
#66
4-Bromophenyl-phenylether
Concen: 3.35 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.25 min
Lab File: BF088544.D
Acq: 30 Jun 2016 22:25

Instrument :
BNA_F
ClientSampleId :
PB91702BL

Tgt Ion:248 Resp: 17227
Ion Ratio Lower Upper
248 100
250 202.9 77.1 115.7#
141 729.7 50.6 76.0#

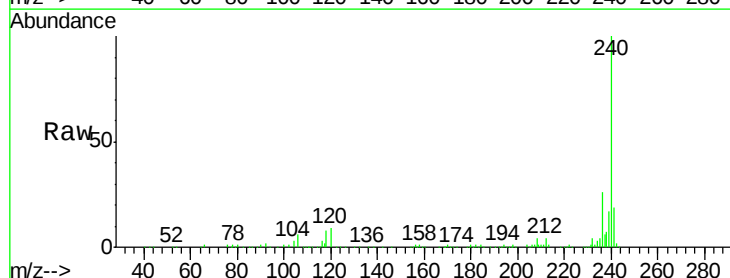


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

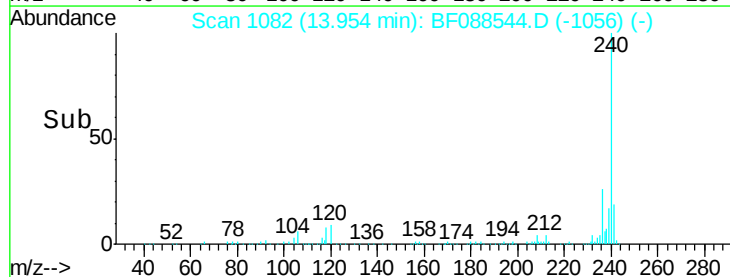
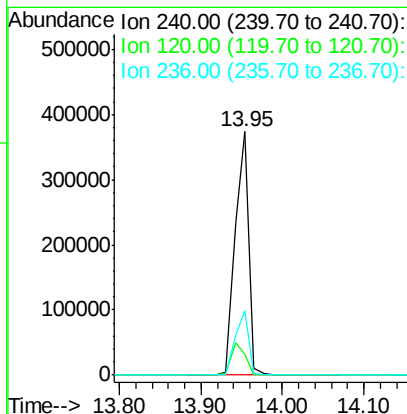


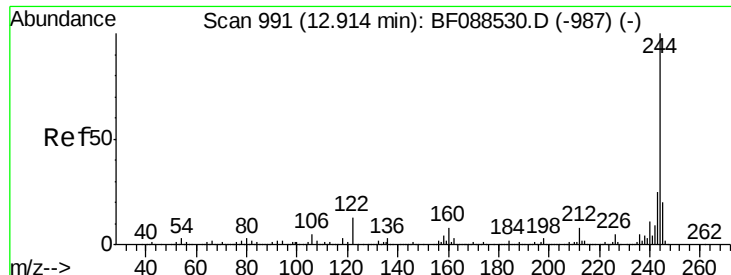
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.00 min
Lab File: BF088544.D
Acq: 30 Jun 2016 22:25

Tgt Ion:240 Resp: 433186
Ion Ratio Lower Upper
240 100
120 8.8 6.8 10.2
236 26.2 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: 58.38 ng

RT: 12.91 min Scan# 991

Delta R.T. -0.00 min

Lab File: BF088544.D

Acq: 30 Jun 2016 22:25

Instrument :

BNA_F

ClientSampleId :

PB91702BL

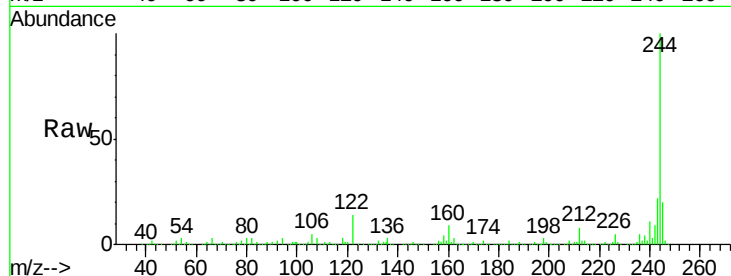
Tgt Ion:244 Resp: 1135431

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

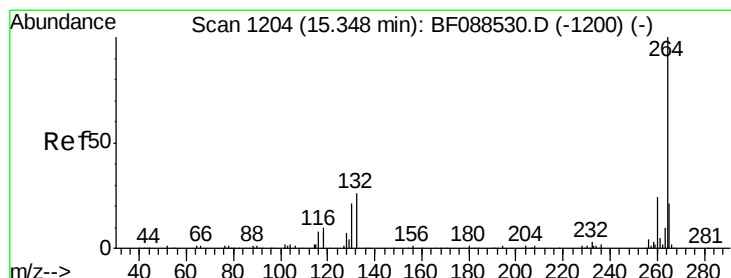
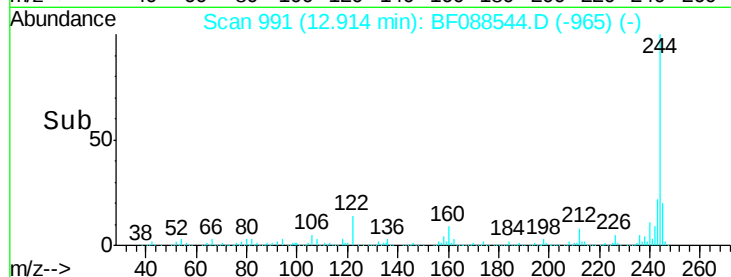
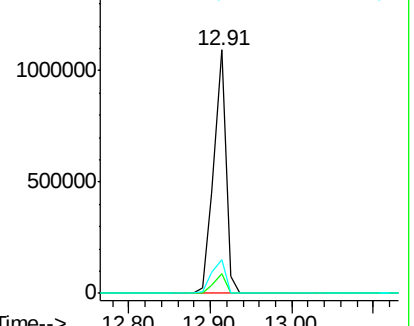
122 14.0 11.2 16.8



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.35 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BF088544.D

Acq: 30 Jun 2016 22:25

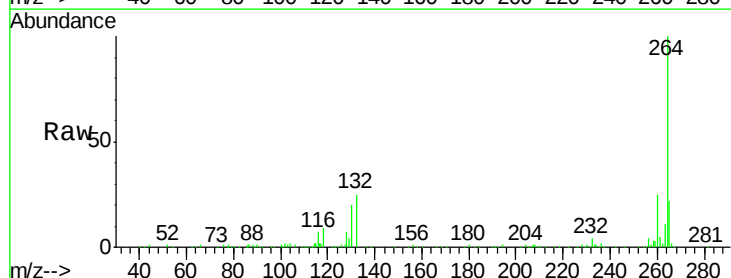
Tgt Ion:264 Resp: 369457

Ion Ratio Lower Upper

264 100

260 24.6 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

