

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
 Data File : BF088558.D
 Acq On : 1 Jul 2016 5:11
 Operator : UM/SJ
 Sample : H3747-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D9-B2(0-11)C

Quant Time: Jul 01 05:36:10 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 01 01:58:49 2016
 Response via : Initial Calibration

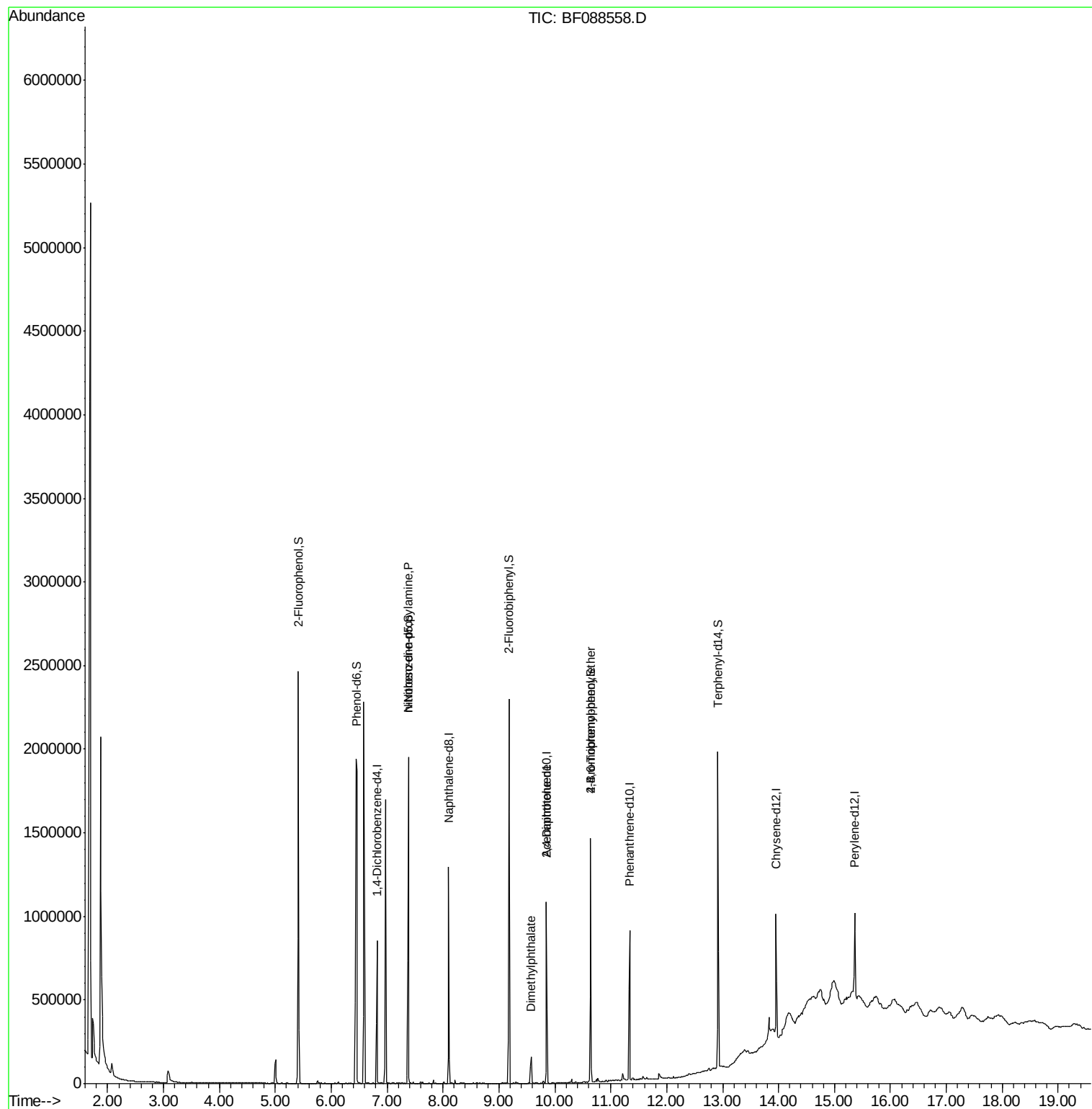
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	137587	20.00	ng	0.01
21) Naphthalene-d8	8.10	136	518136	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	220566	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	389012	20.00	ng	0.01
75) Chrysene-d12	13.95	240	258809	20.00	ng	0.00
86) Perylene-d12	15.36	264	273344	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	717328	78.14	ng	0.01
7) Phenol-d6	6.46	99	1107530	93.37	ng	0.01
23) Nitrobenzene-d5	7.38	82	666792	67.44	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	156036	76.18	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	972240	69.63	ng	0.00
78) Terphenyl-d14	12.91	244	608886	52.40	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	91527	11.49	ng	Qvalue # 73
49) Dimethylphthalate	9.58	163	84296	5.36	ng	98
56) 2,4-Dinitrotoluene	9.85	165	28224	6.20	ng	# 38
66) 4-Bromophenyl-phenylether	10.64	248	11112	2.83	ng	# 1

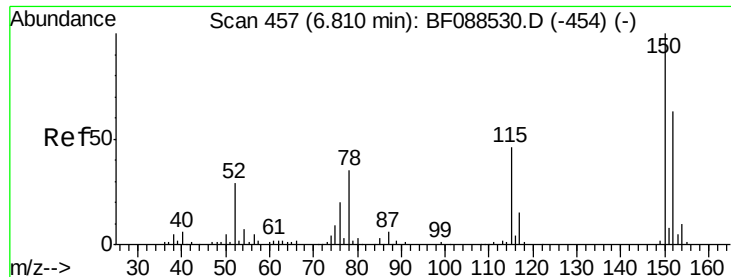
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 458

Delta R.T. 0.01 min

Lab File: BF088558.D

Acq: 1 Jul 2016 5:11

Instrument :

BNA_F

ClientSampleId :

D9-B2(0-11)C

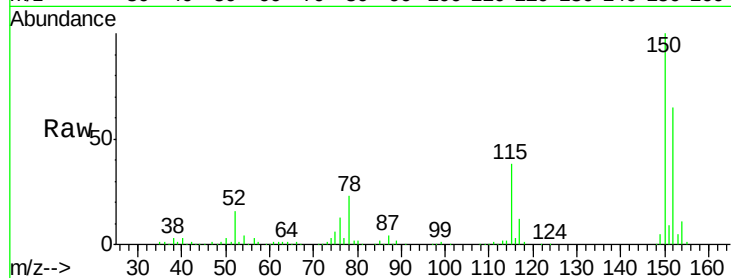
Tgt Ion:152 Resp: 137587

Ion Ratio Lower Upper

152 100

150 153.3 123.8 185.6

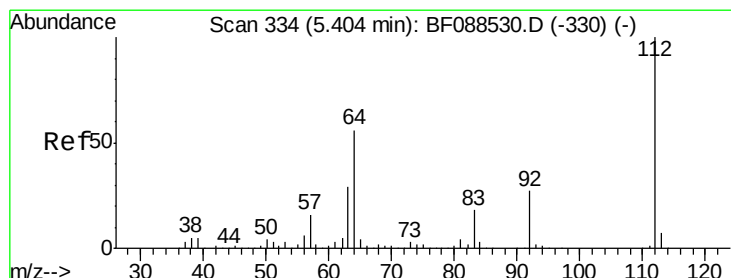
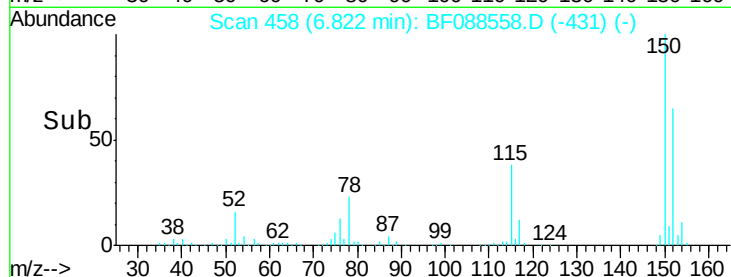
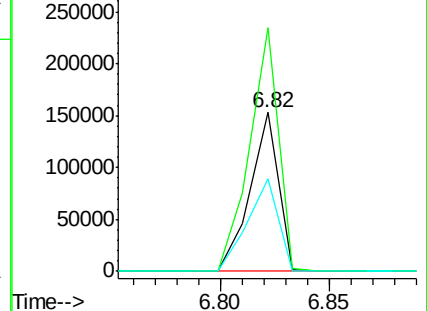
115 58.0 39.6 59.4



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: 78.14 ng

RT: 5.42 min Scan# 335

Delta R.T. 0.01 min

Lab File: BF088558.D

Acq: 1 Jul 2016 5:11

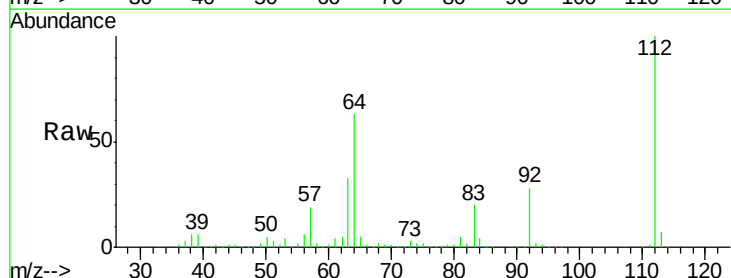
Tgt Ion:112 Resp: 717328

Ion Ratio Lower Upper

112 100

64 63.0 42.2 63.2

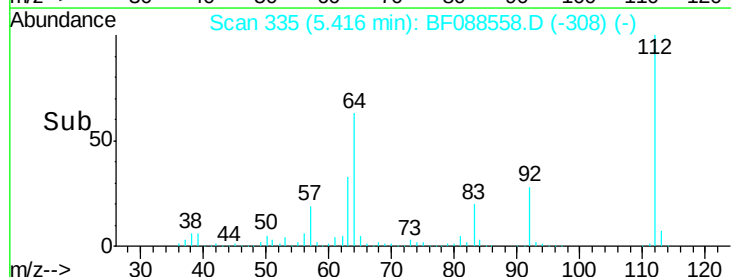
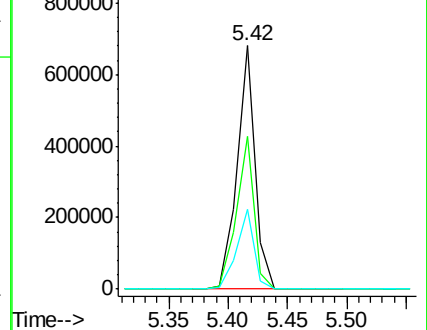
63 32.7 21.8 32.8

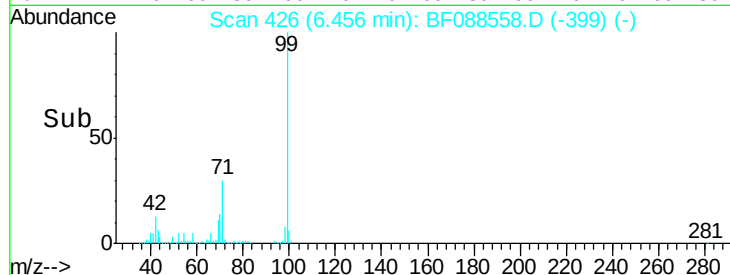
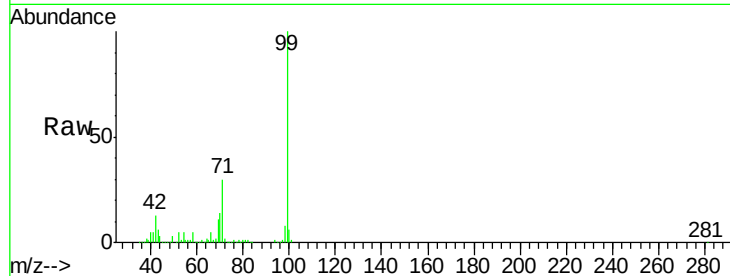
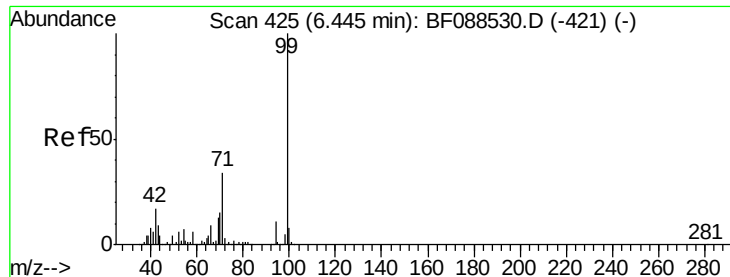


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 93.37 ng

RT: 6.46 min Scan# 426

Delta R.T. 0.01 min

Lab File: BF088558.D

Acq: 1 Jul 2016 5:11

Instrument :

BNA_F

ClientSampleId :

D9-B2(0-11)C

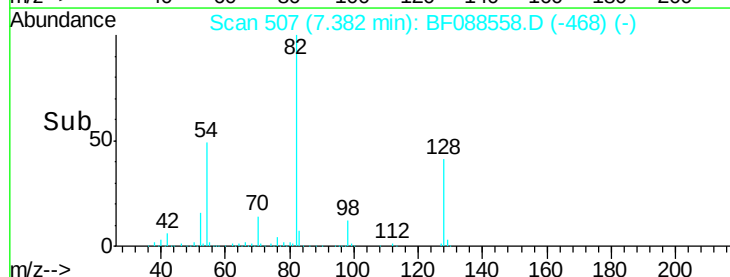
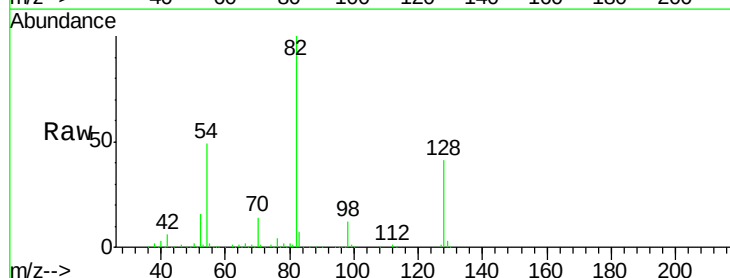
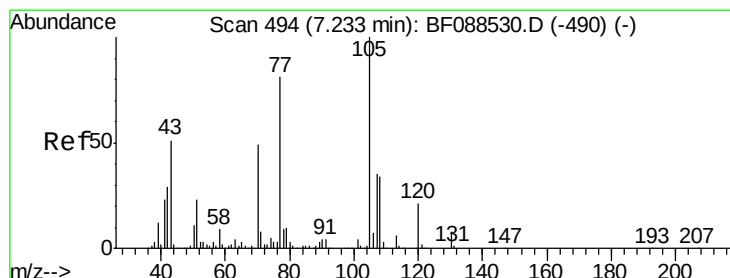
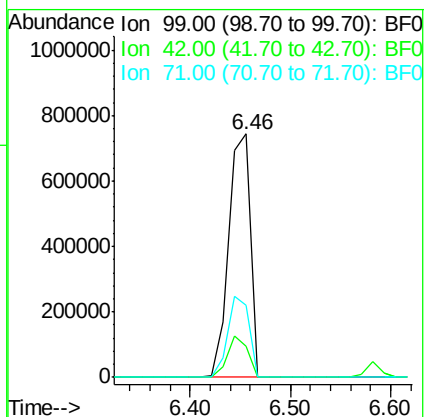
Tgt Ion: 99 Resp: 1107530

Ion Ratio Lower Upper

99 100

42 12.7 12.2 18.2

71 29.8 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 11.49 ng

RT: 7.38 min Scan# 507

Delta R.T. 0.15 min

Lab File: BF088558.D

Acq: 1 Jul 2016 5:11

Tgt Ion: 70 Resp: 91527

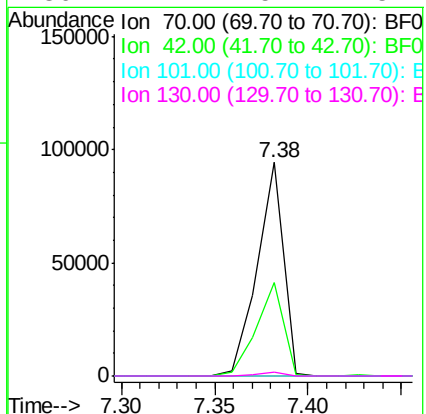
Ion Ratio Lower Upper

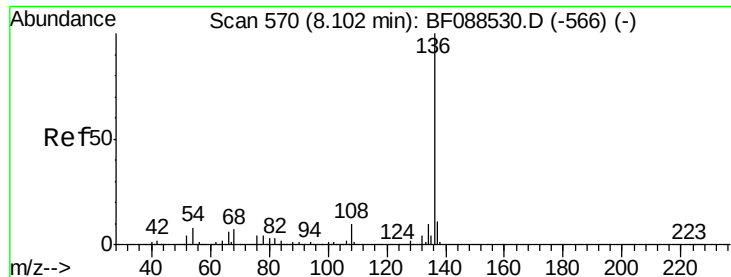
70 100

42 44.0 49.6 74.4#

101 0.0 7.1 10.7#

130 2.1 15.4 23.2#

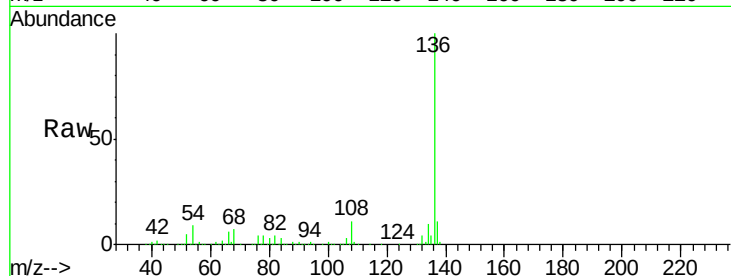




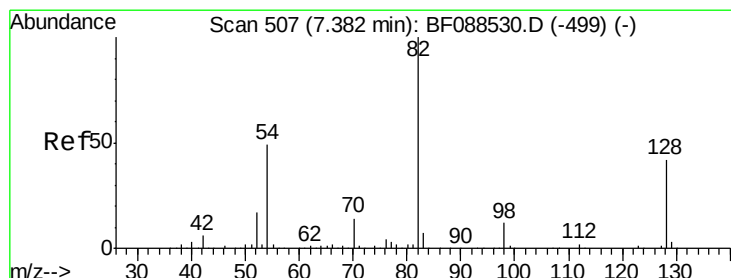
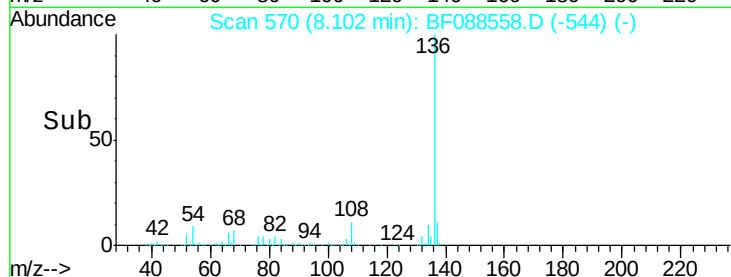
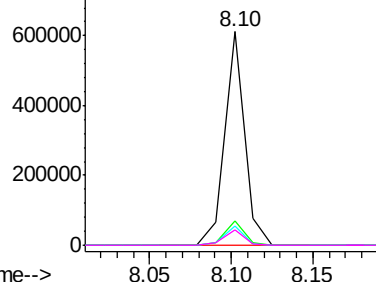
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF088558.D
Acq: 1 Jul 2016 5:11

Instrument :
BNA_F
ClientSampleId :
D9-B2(0-11)C

Tgt Ion:	136	Resp:	518136
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	8.9	6.6	10.0
68	7.5	5.1	7.7

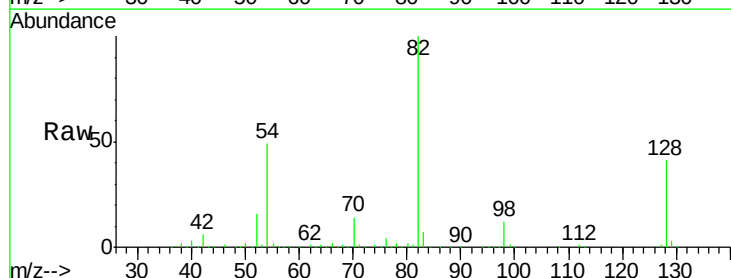


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

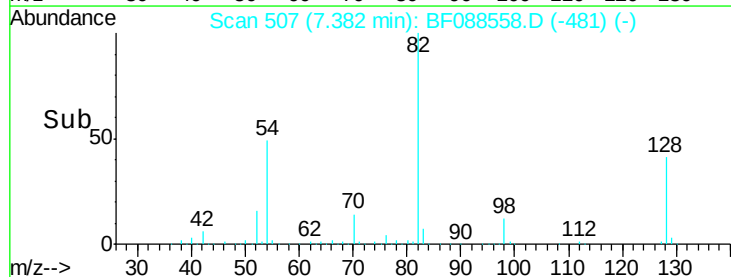
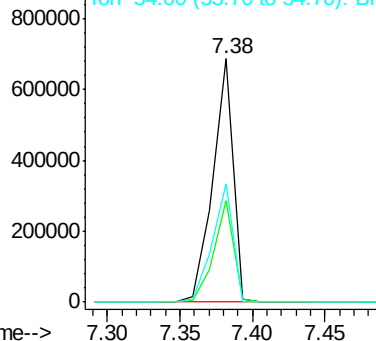


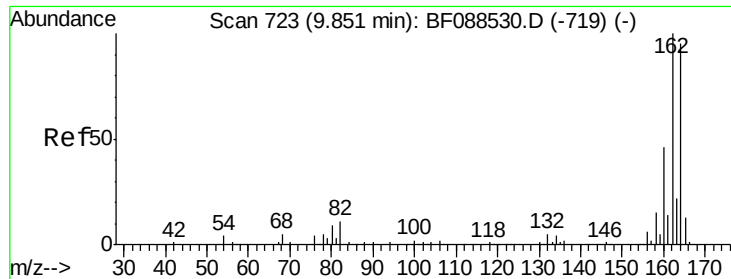
#23
Nitrobenzene-d5
Concen: 67.44 ng
RT: 7.38 min Scan# 507
Delta R.T. 0.00 min
Lab File: BF088558.D
Acq: 1 Jul 2016 5:11

Tgt Ion:	82	Resp:	666792
Ion	Ratio	Lower	Upper
82	100		
128	41.4	35.9	53.9
54	48.7	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: BF088558.D

Acq: 1 Jul 2016 5:11

Instrument :

BNA_F

ClientSampleId :

D9-B2(0-11)C

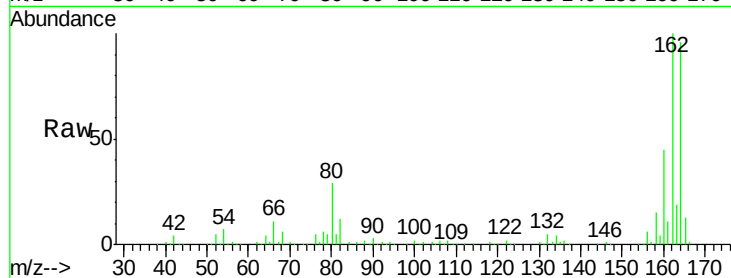
Tgt Ion:164 Resp: 220566

Ion Ratio Lower Upper

164 100

162 104.4 85.4 128.2

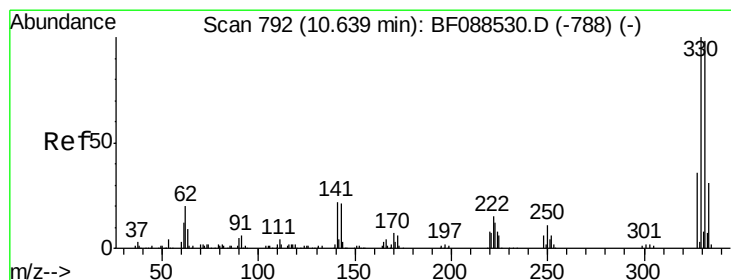
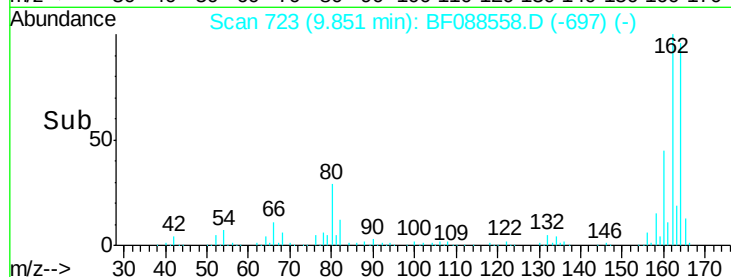
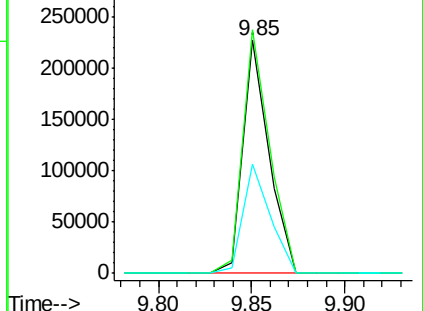
160 46.6 39.5 59.3



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: 76.18 ng

RT: 10.64 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF088558.D

Acq: 1 Jul 2016 5:11

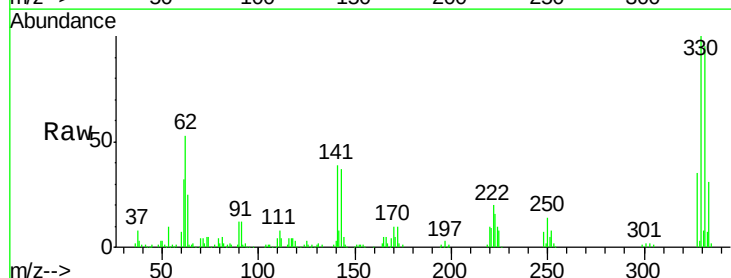
Tgt Ion:330 Resp: 156036

Ion Ratio Lower Upper

330 100

332 95.3 0.0 0.0#

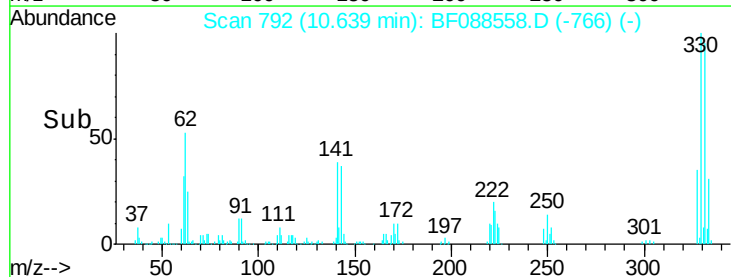
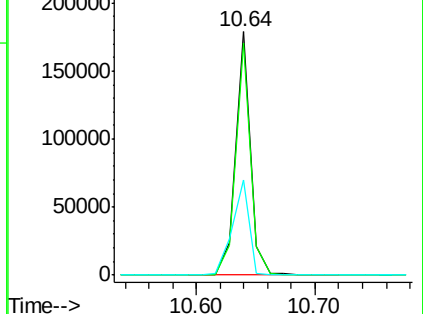
141 43.8 0.0 0.0#

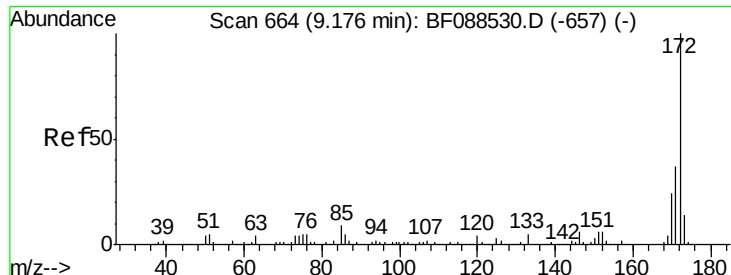


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

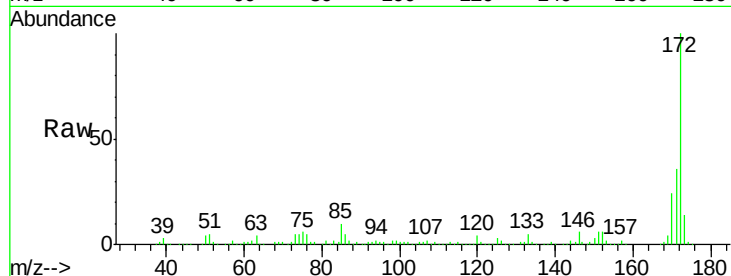




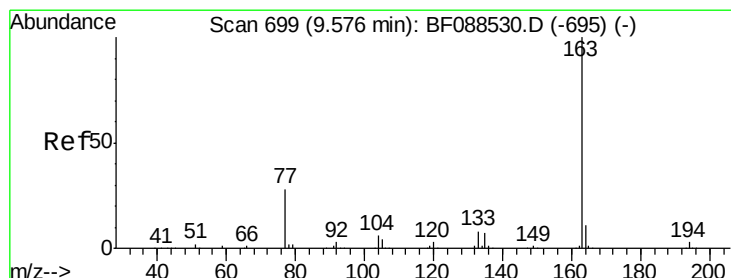
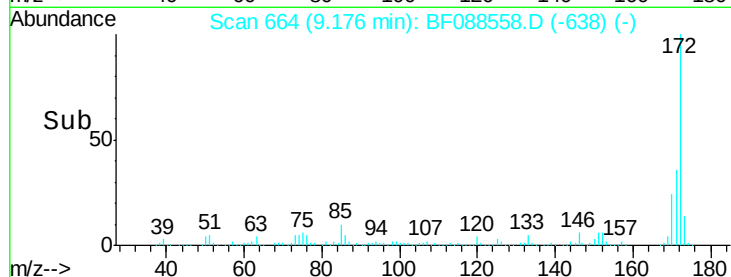
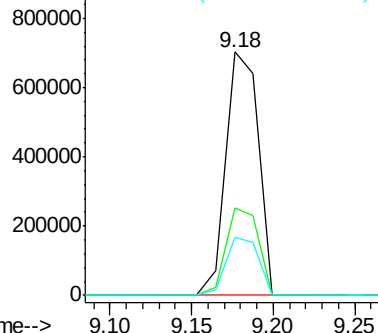
#44
 2-Fluorobiphenyl
 Concen: 69.63 ng
 RT: 9.18 min Scan# 664
 Delta R.T. 0.00 min
 Lab File: BF088558.D
 Acq: 1 Jul 2016 5:11

Instrument :
 BNA_F
 ClientSampleId :
 D9-B2(0-11)C

Tgt Ion:172 Resp: 972240
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 43.0
 170 23.8 19.2 28.8

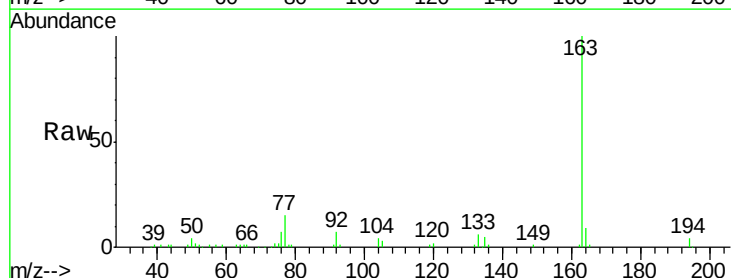


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

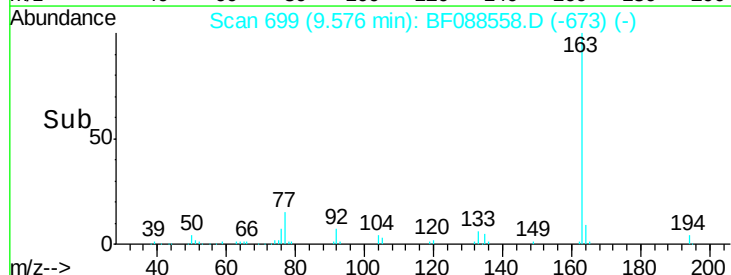
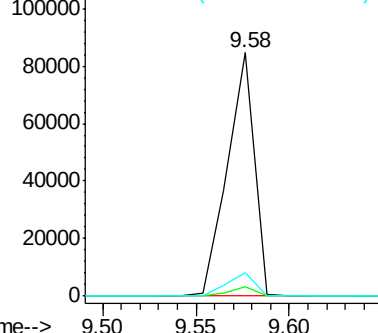


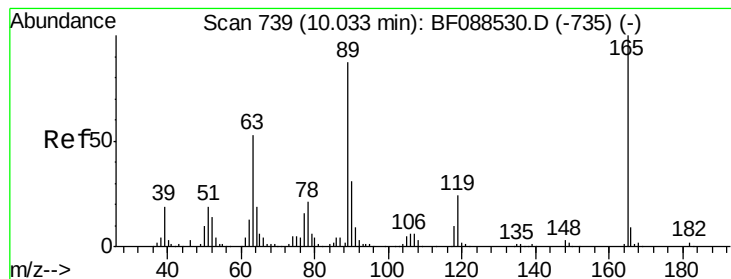
#49
 Dimethylphthalate
 Concen: 5.36 ng
 RT: 9.58 min Scan# 699
 Delta R.T. 0.00 min
 Lab File: BF088558.D
 Acq: 1 Jul 2016 5:11

Tgt Ion:163 Resp: 84296
 Ion Ratio Lower Upper
 163 100
 194 3.8 2.8 4.2
 164 9.5 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: 9.85 min Scan# 723

Delta R.T. -0.18 min

Lab File: BF088558.D

Acq: 1 Jul 2016 5:11

Instrument :

BNA_F

ClientSampleId :

D9-B2(0-11)C

Tgt Ion:165 Resp: 28224

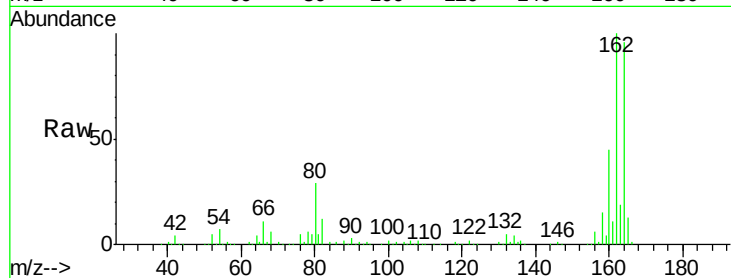
Ion Ratio Lower Upper

165 100

63 1.6 22.0 33.0#

89 1.5 41.1 61.7#

182 0.0 2.0 3.0#

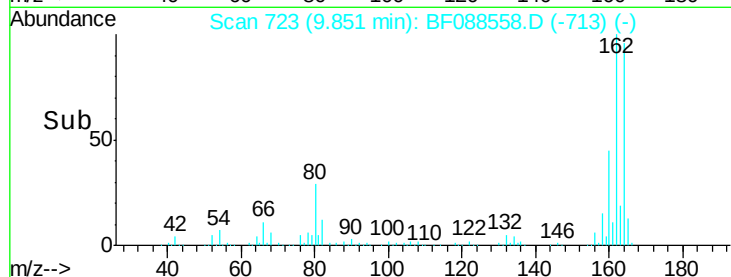


Abundance Ion 165.00 (164.70 to 165.70): E

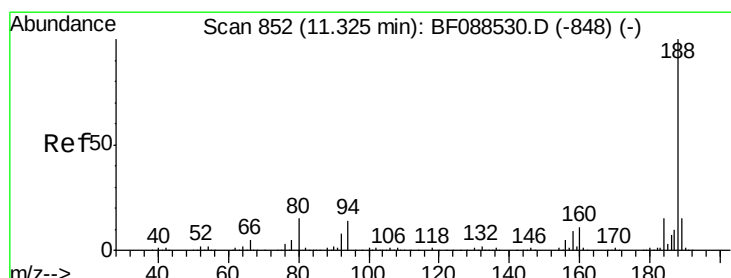
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 853

Delta R.T. 0.01 min

Lab File: BF088558.D

Acq: 1 Jul 2016 5:11

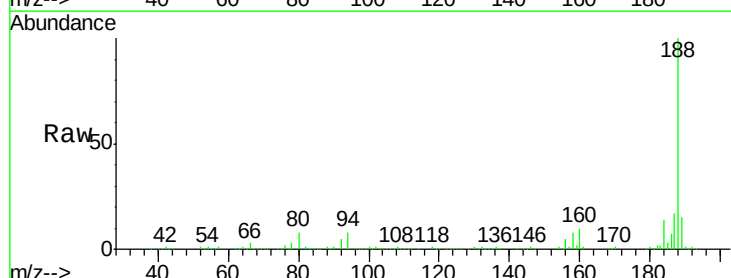
Tgt Ion:188 Resp: 389012

Ion Ratio Lower Upper

188 100

94 7.9 9.0 13.6#

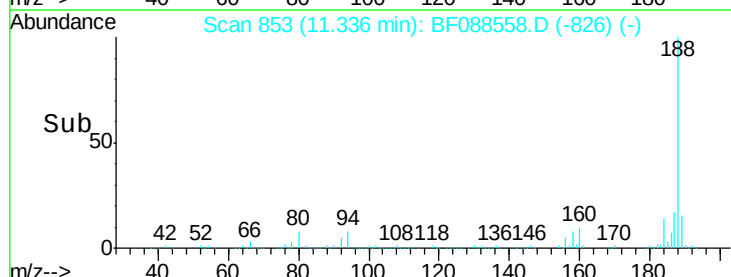
80 8.2 10.0 15.0#



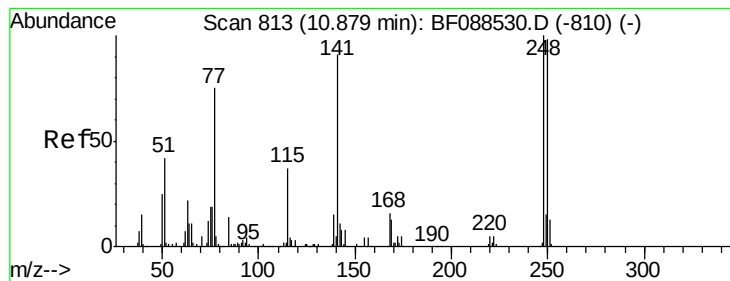
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



#66

4-Bromophenyl-phenylether

Concen: 2.83 ng

RT: 10.64 min Scan# 792

Delta R.T. -0.24 min

Lab File: BF088558.D

Acq: 1 Jul 2016 5:11

Instrument :

BNA_F

ClientSampleId :

D9-B2(0-11)C

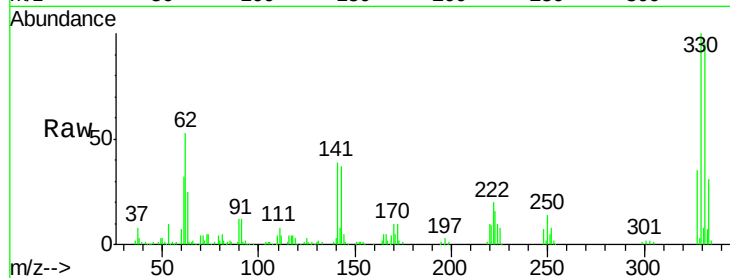
Tgt Ion:248 Resp: 11112

Ion Ratio Lower Upper

248 100

250 192.5 77.1 115.7#

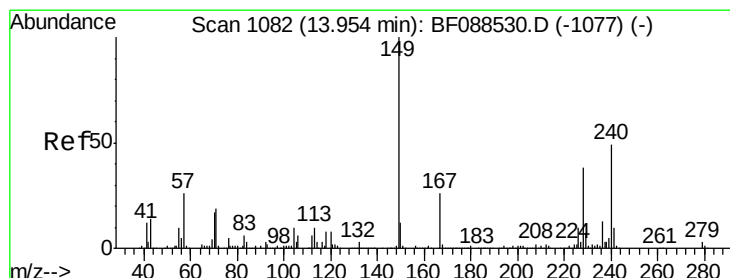
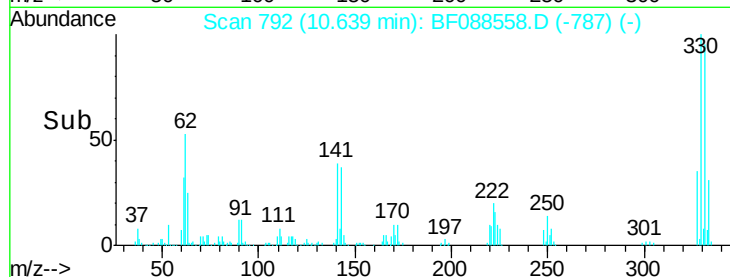
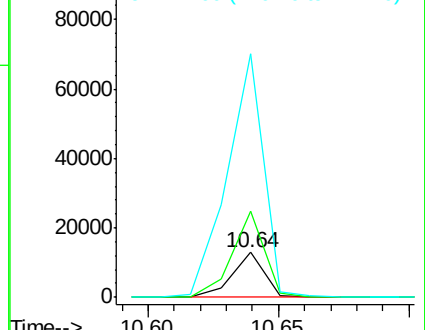
141 540.3 50.6 76.0#



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: 13.95 min Scan# 1082

Delta R.T. 0.00 min

Lab File: BF088558.D

Acq: 1 Jul 2016 5:11

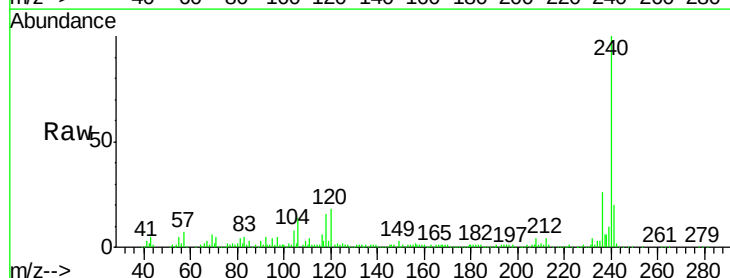
Tgt Ion:240 Resp: 258809

Ion Ratio Lower Upper

240 100

120 18.4 6.8 10.2#

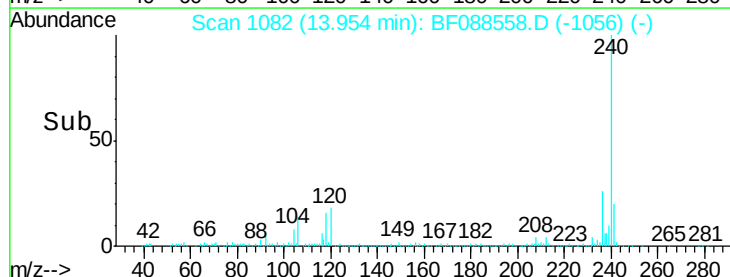
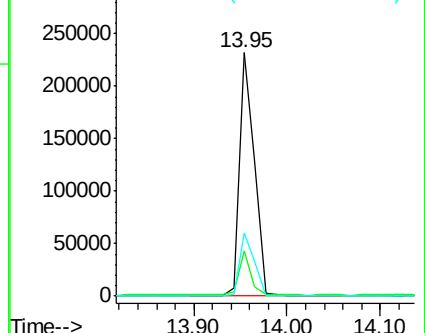
236 25.9 20.2 30.2

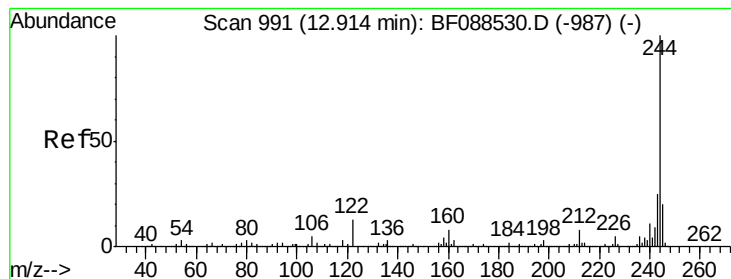


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 52.40 ng

RT: 12.91 min Scan# 991

Delta R.T. 0.00 min

Lab File: BF088558.D

Acq: 1 Jul 2016 5:11

Instrument :

BNA_F

ClientSampleId :

D9-B2(0-11)C

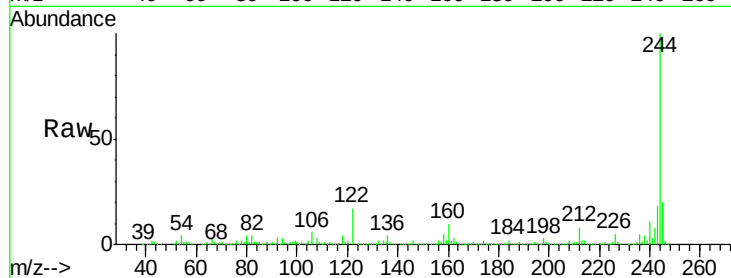
Tgt Ion:244 Resp: 608886

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

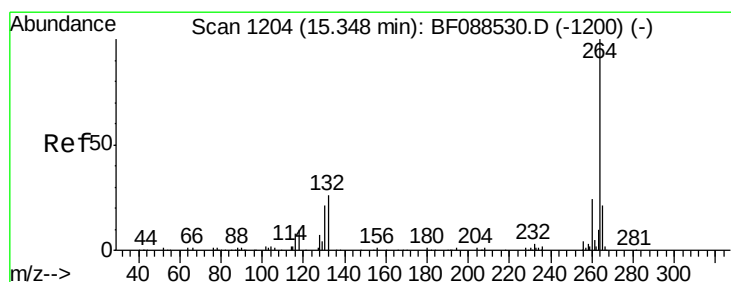
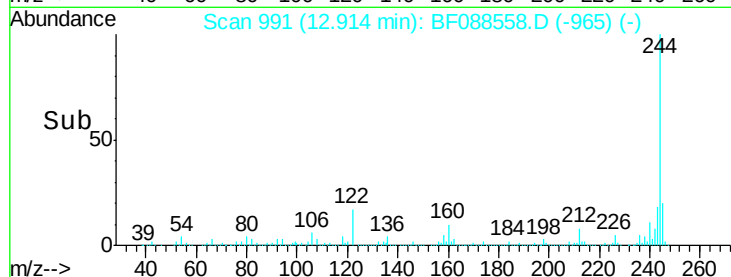
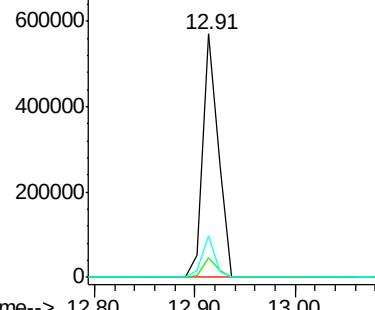
122 17.2 11.2 16.8#



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: 15.36 min Scan# 1205

Delta R.T. 0.01 min

Lab File: BF088558.D

Acq: 1 Jul 2016 5:11

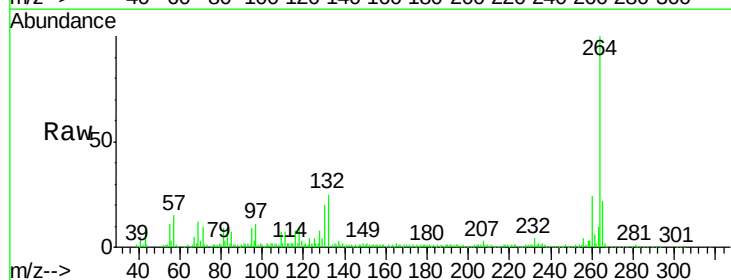
Tgt Ion:264 Resp: 273344

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 22.2 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

