

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
 Data File : BF089241.D
 Acq On : 23 Jul 2016 17:09
 Operator : UM/SJ
 Sample : H4154-01
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GCF-SW-1

Quant Time: Jul 25 01:10:07 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

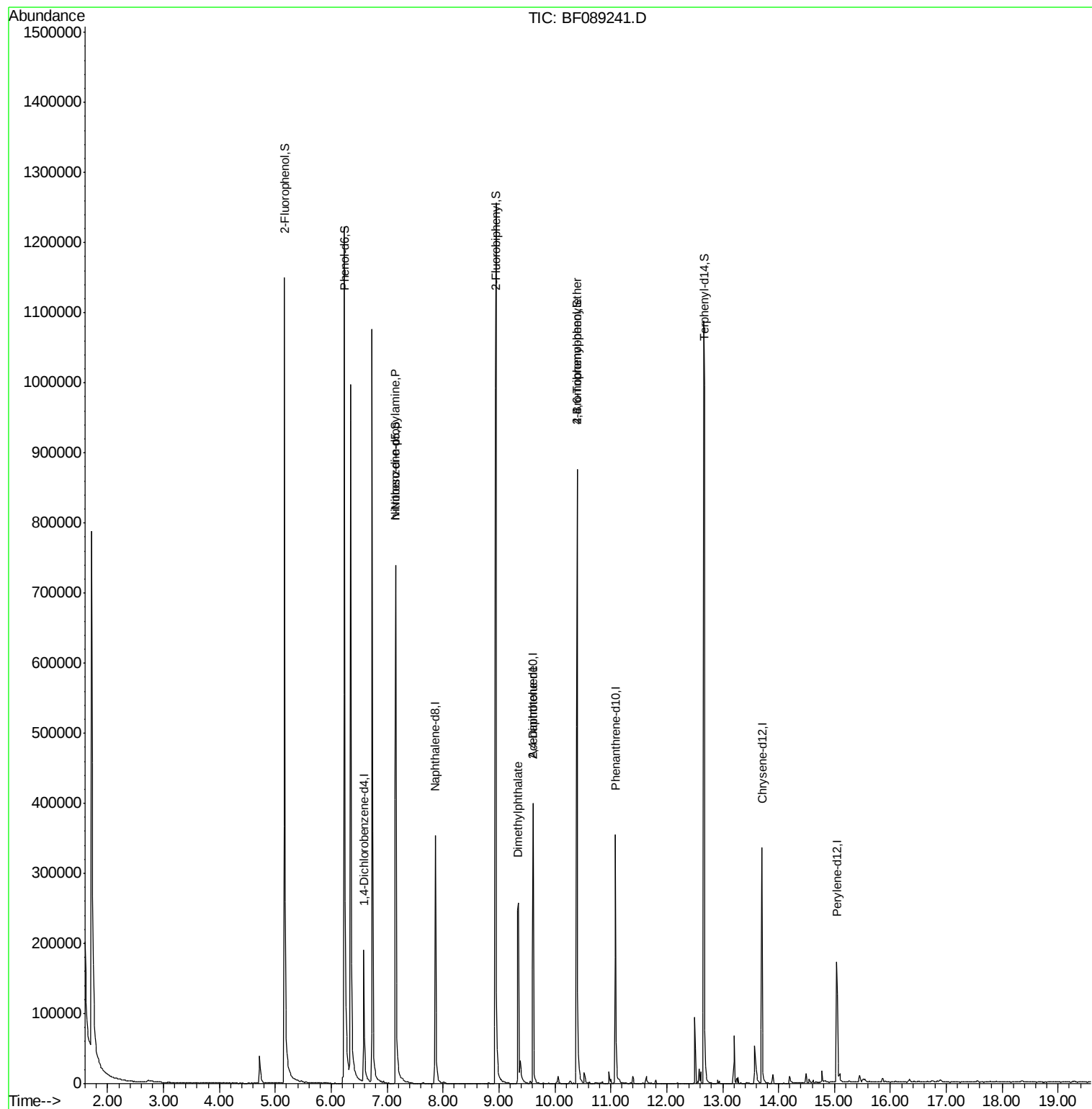
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	45122	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	203481	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	95165	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	184591	20.00	ng	-0.02
75) Chrysene-d12	13.70	240	130158	20.00	ng	-0.02
86) Perylene-d12	15.04	264	92581	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	434663	146.51	ng	-0.02
7) Phenol-d6	6.24	99	600413	156.93	ng	-0.03
23) Nitrobenzene-d5	7.15	82	375400	98.03	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	124925	145.80	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	623446	90.26	ng	-0.02
78) Terphenyl-d14	12.67	244	520540	86.74	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.15	70	48596	19.42	ng	# 79
49) Dimethylphthalate	9.35	163	185460	25.40	ng	99
56) 2,4-Dinitrotoluene	9.61	165	11870	5.59	ng	# 10
66) 4-Bromophenyl-phenylether	10.40	248	9570	5.24	ng	# 1

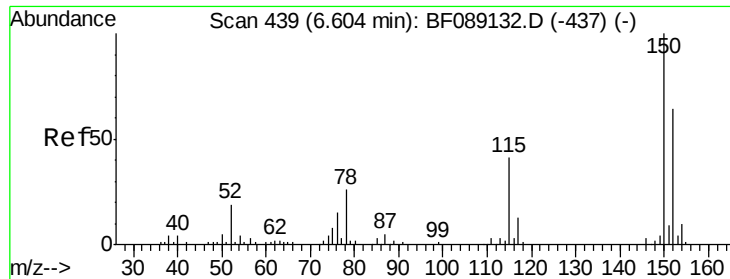
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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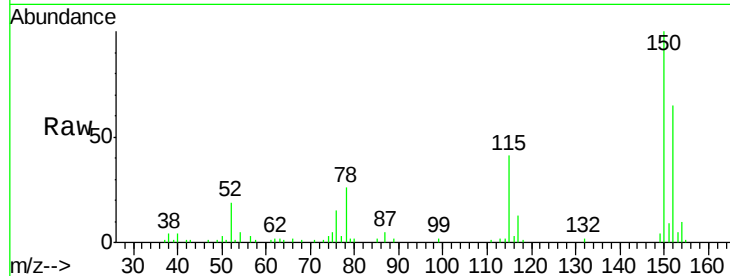




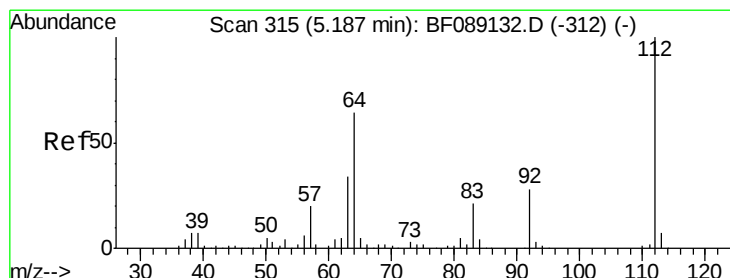
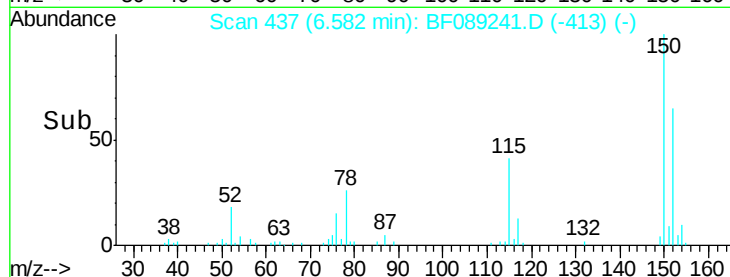
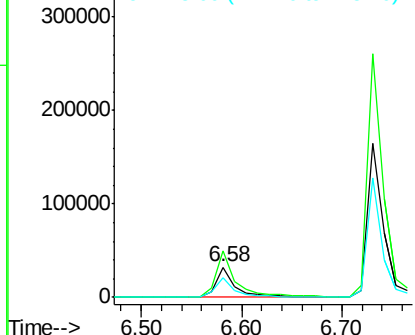
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.58 min Scan# 437
 Delta R.T. -0.02 min
 Lab File: BF089241.D
 Acq: 23 Jul 2016 17:09

Instrument :
 BNA_F
 ClientSampleId :
 GCF-SW-1

Tgt Ion:152 Resp: 45122
 Ion Ratio Lower Upper
 152 100
 150 153.8 125.1 187.7
 115 62.5 51.1 76.7

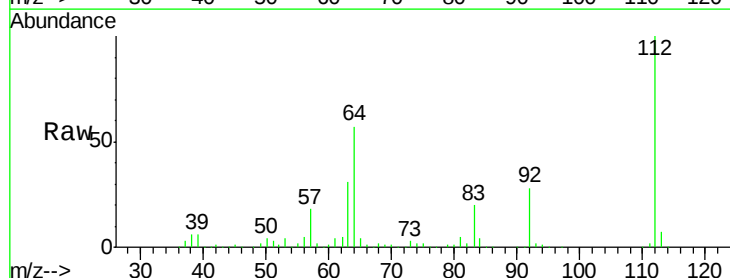


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

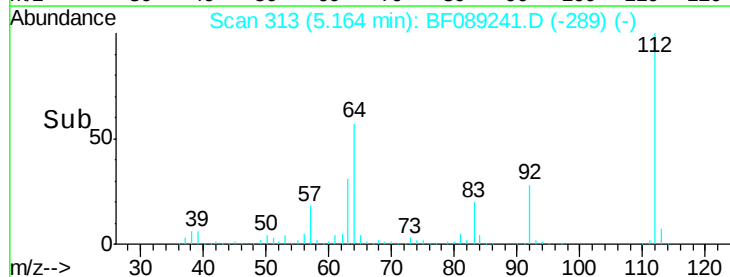
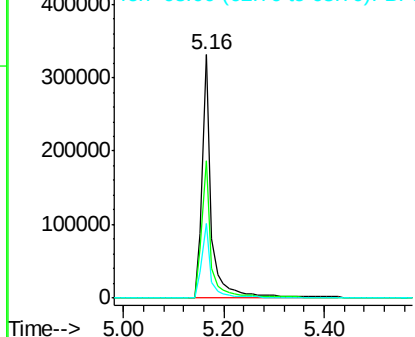


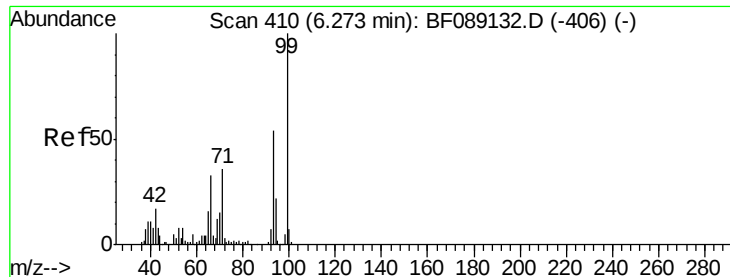
#5
 2-Fluorophenol
 Concen: 146.51 ng
 RT: 5.16 min Scan# 313
 Delta R.T. -0.02 min
 Lab File: BF089241.D
 Acq: 23 Jul 2016 17:09

Tgt Ion:112 Resp: 434663
 Ion Ratio Lower Upper
 112 100
 64 56.6 51.0 76.4
 63 30.9 27.3 40.9



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: 156.93 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF089241.D

Acq: 23 Jul 2016 17:09

Instrument :

BNA_F

ClientSampleId :

GCF-SW-1

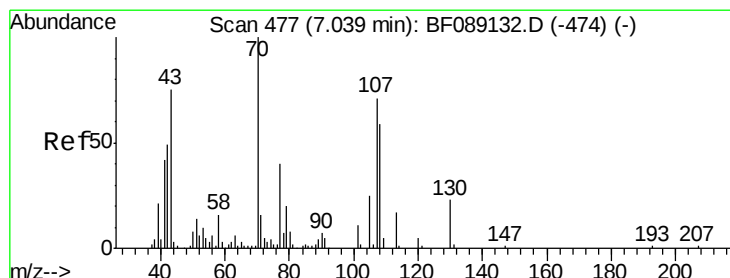
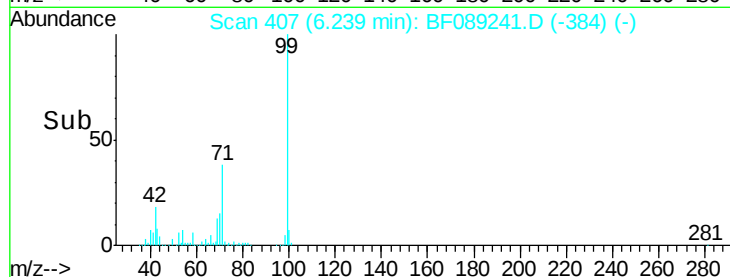
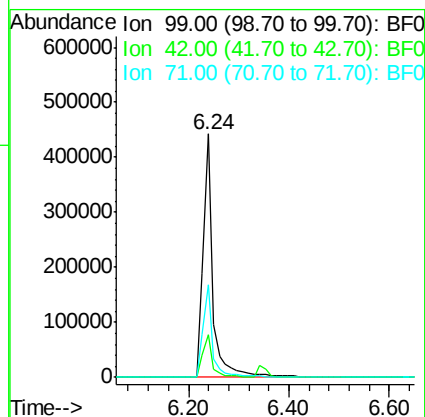
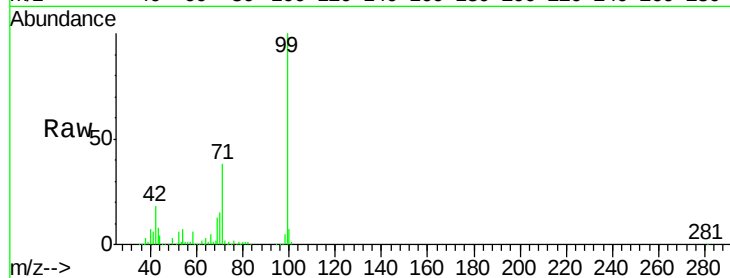
Tgt Ion: 99 Resp: 600413

Ion Ratio Lower Upper

99 100

42 17.5 13.5 20.3

71 37.9 28.9 43.3



#19

n-Nitroso-di-n-propylamine

Concen: 19.42 ng

RT: 7.15 min Scan# 487

Delta R.T. 0.11 min

Lab File: BF089241.D

Acq: 23 Jul 2016 17:09

Tgt Ion: 70 Resp: 48596

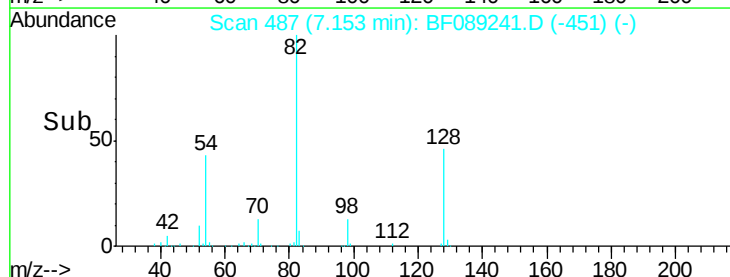
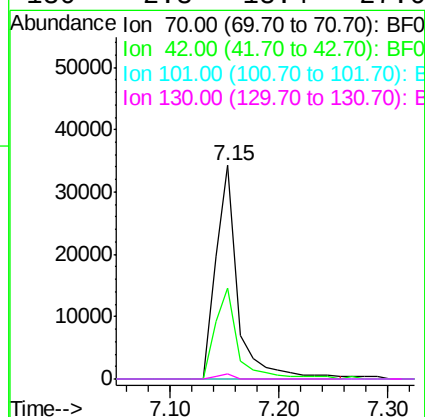
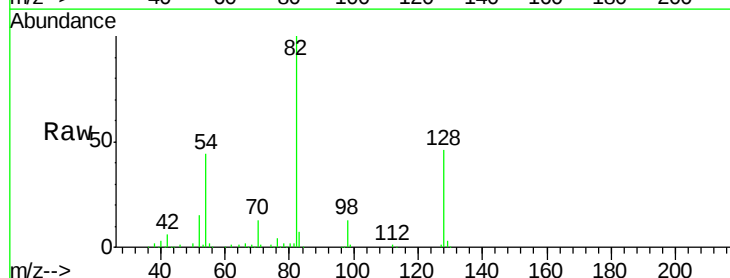
Ion Ratio Lower Upper

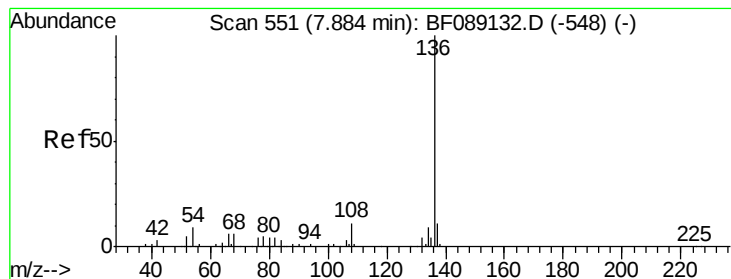
70 100

42 42.5 39.2 58.8

101 0.0 8.5 12.7#

130 2.3 18.4 27.6#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.86 min Scan# 549

Delta R.T. -0.02 min

Lab File: BF089241.D

Acq: 23 Jul 2016 17:09

Instrument :

BNA_F

ClientSampleId :

GCF-SW-1

Tgt Ion:136 Resp: 203481

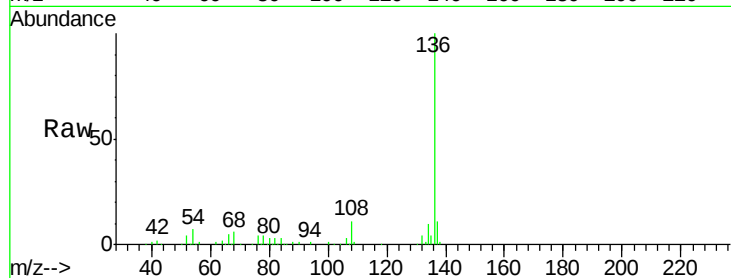
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 7.4 7.0 10.4

68 5.7 5.0 7.6

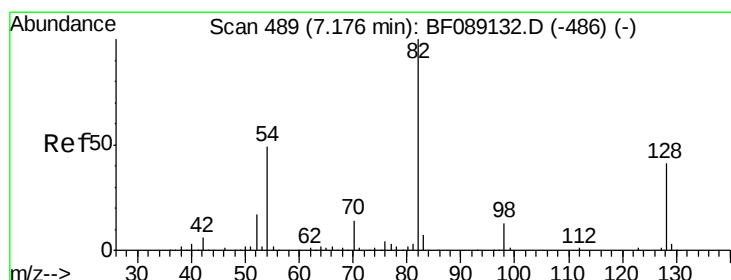
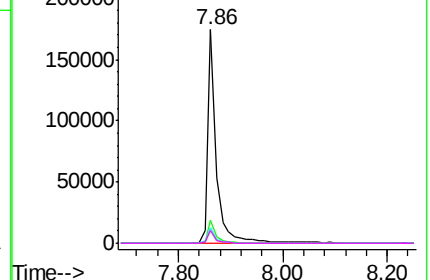
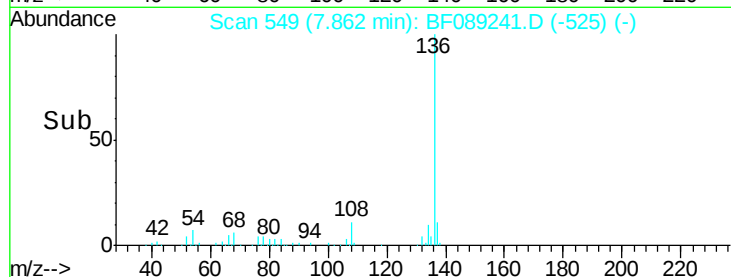


Abundance Ion 136.00 (135.70 to 136.70): E

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: 98.03 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.02 min

Lab File: BF089241.D

Acq: 23 Jul 2016 17:09

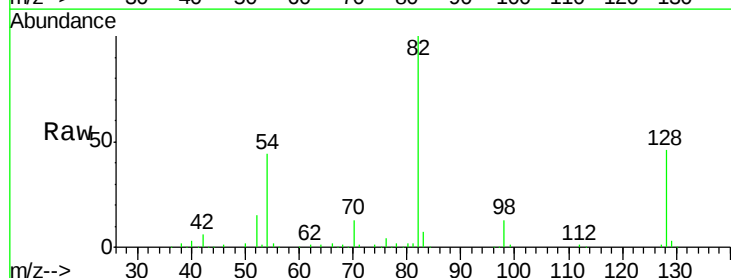
Tgt Ion: 82 Resp: 375400

Ion Ratio Lower Upper

82 100

128 45.6 33.0 49.6

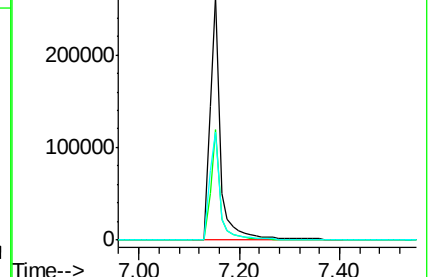
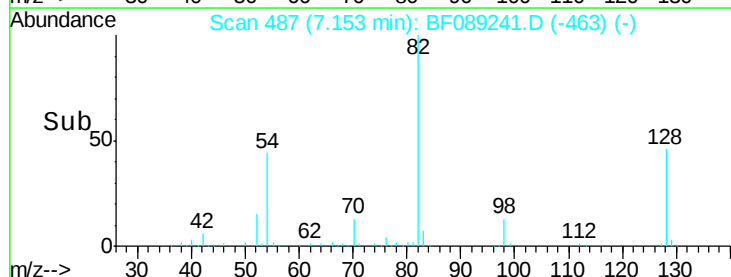
54 44.5 39.0 58.4

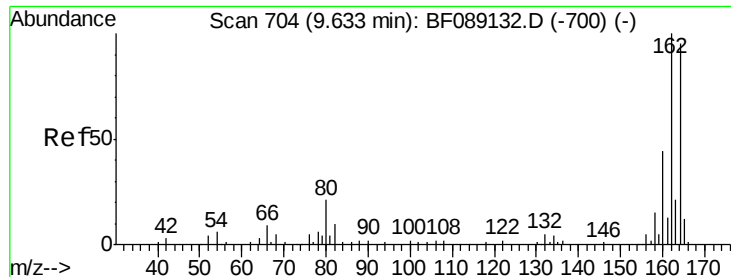


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.61 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF089241.D

Acq: 23 Jul 2016 17:09

Instrument :

BNA_F

ClientSampleId :

GCF-SW-1

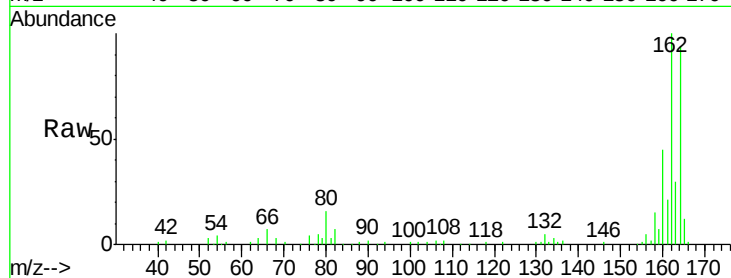
Tgt Ion:164 Resp: 95165

Ion Ratio Lower Upper

164 100

162 106.7 84.1 126.1

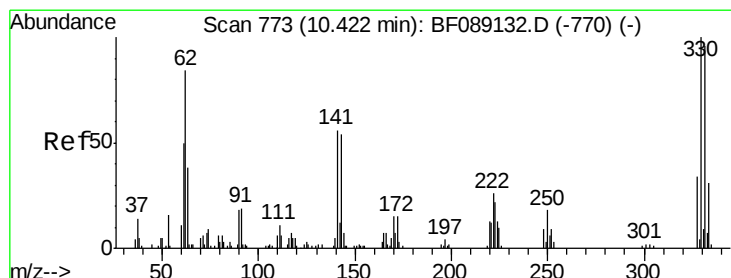
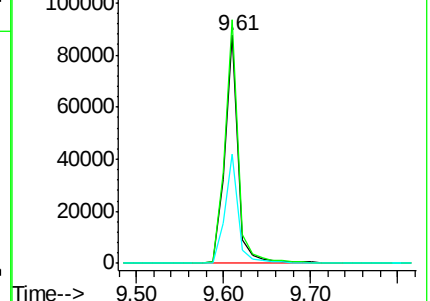
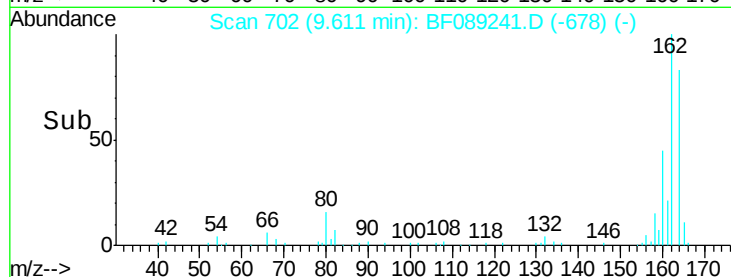
160 47.9 37.1 55.7



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: 145.80 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.02 min

Lab File: BF089241.D

Acq: 23 Jul 2016 17:09

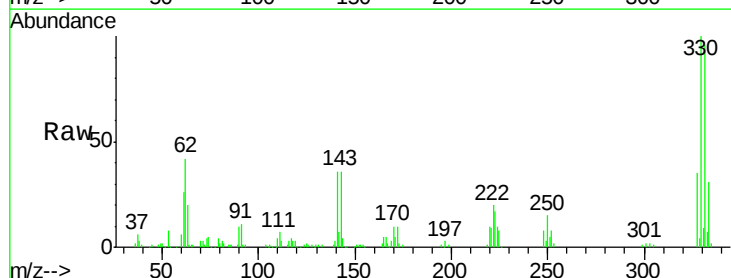
Tgt Ion:330 Resp: 124925

Ion Ratio Lower Upper

330 100

332 96.3 77.2 115.8

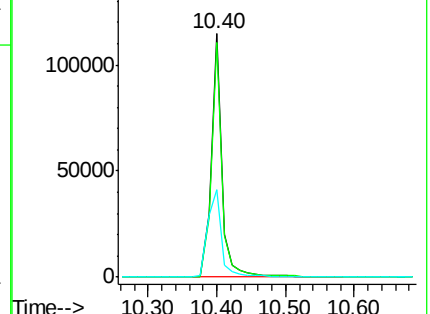
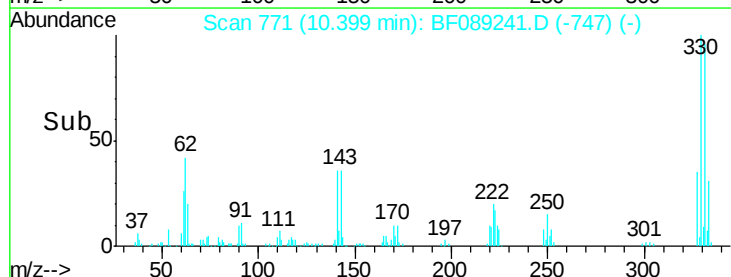
141 45.7 42.2 63.2

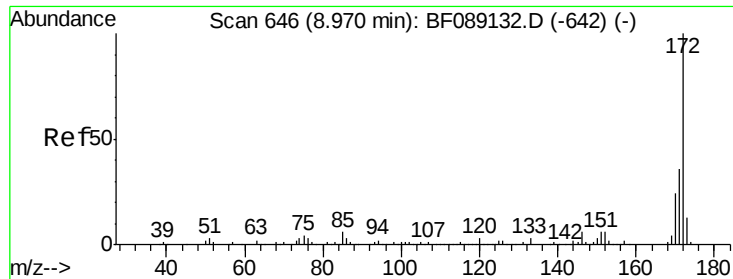


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

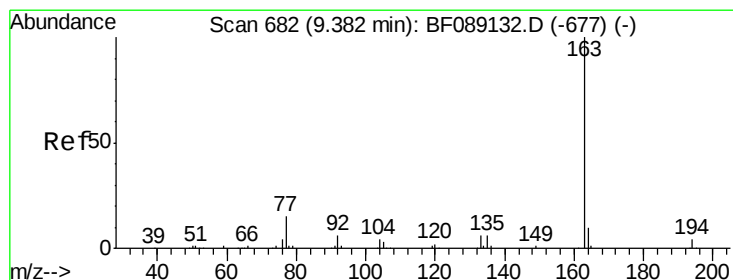
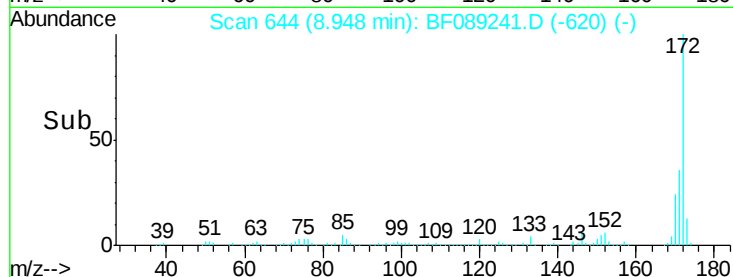
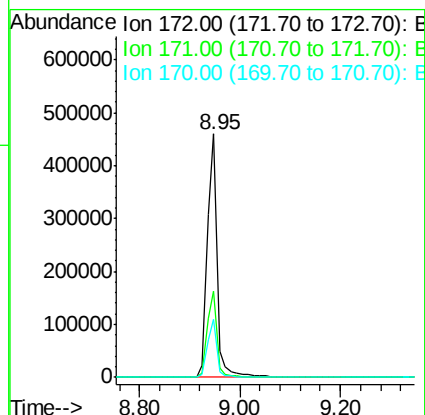
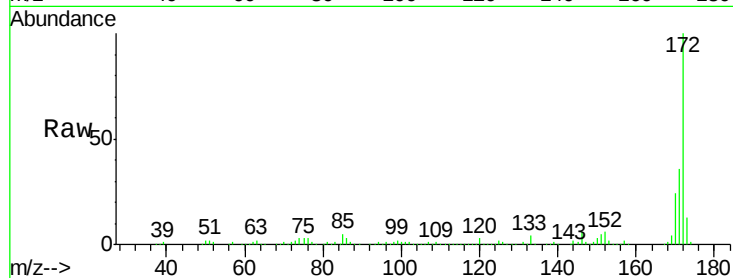




#44
 2-Fluorobiphenyl
 Concen: 90.26 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF089241.D
 Acq: 23 Jul 2016 17:09

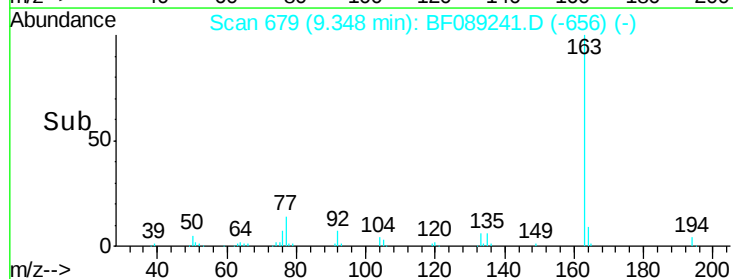
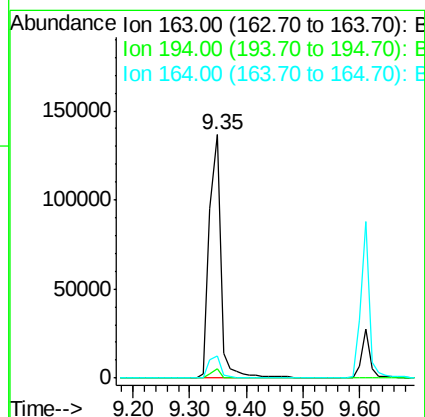
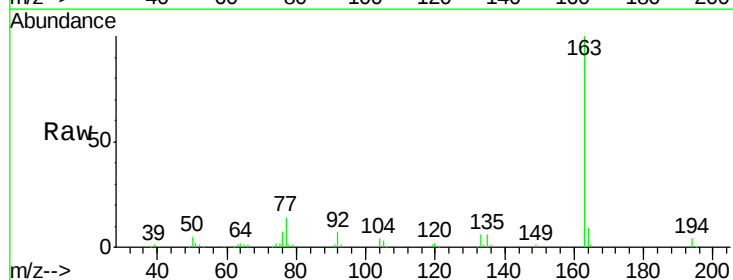
Instrument :
 BNA_F
 ClientSampleId :
 GCF-SW-1

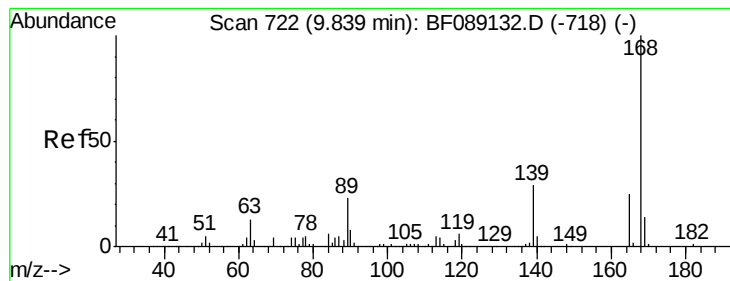
Tgt Ion:172 Resp: 623446
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.2 43.8
 170 23.6 19.1 28.7



#49
 Dimethylphthalate
 Concen: 25.40 ng
 RT: 9.35 min Scan# 679
 Delta R.T. -0.03 min
 Lab File: BF089241.D
 Acq: 23 Jul 2016 17:09

Tgt Ion:163 Resp: 185460
 Ion Ratio Lower Upper
 163 100
 194 3.8 2.9 4.3
 164 9.3 7.6 11.4





#56

2,4-Dinitrotoluene

Concen: 5.59 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.23 min

Lab File: BF089241.D

Acq: 23 Jul 2016 17:09

Instrument :

BNA_F

ClientSampleId :

GCF-SW-1

Tgt Ion:165 Resp: 11870

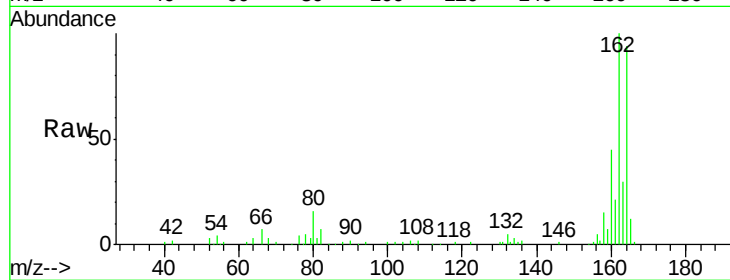
Ion Ratio Lower Upper

165 100

63 0.0 55.4 83.2#

89 0.0 74.3 111.5#

182 0.0 2.0 3.0#

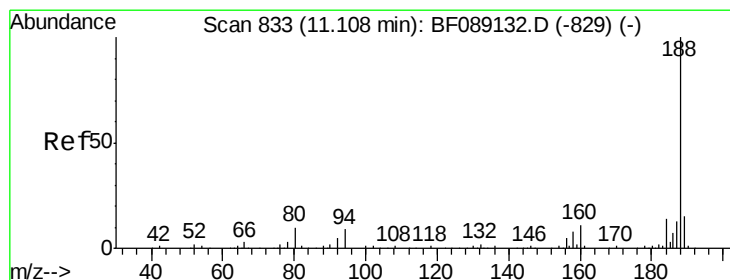
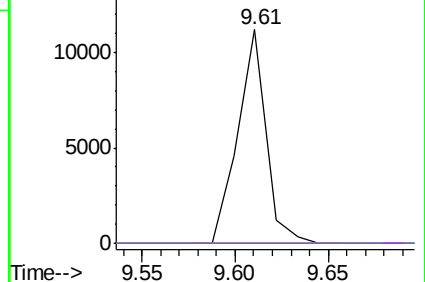
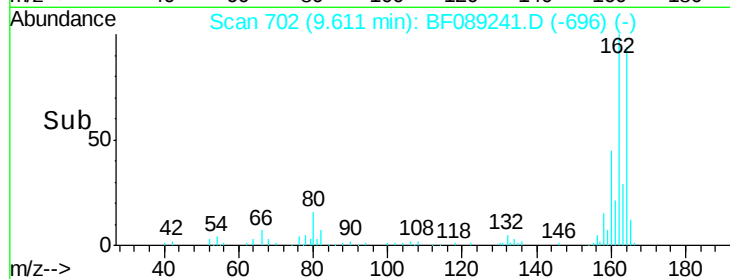


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.08 min Scan# 831

Delta R.T. -0.02 min

Lab File: BF089241.D

Acq: 23 Jul 2016 17:09

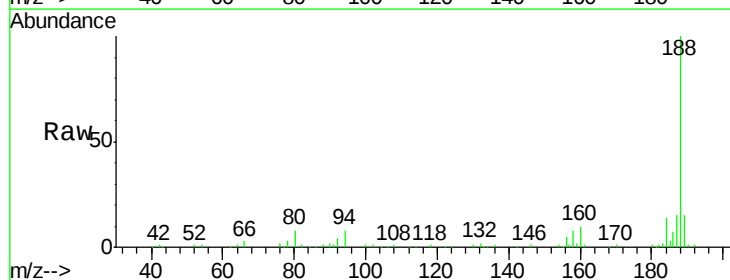
Tgt Ion:188 Resp: 184591

Ion Ratio Lower Upper

188 100

94 7.6 7.0 10.4

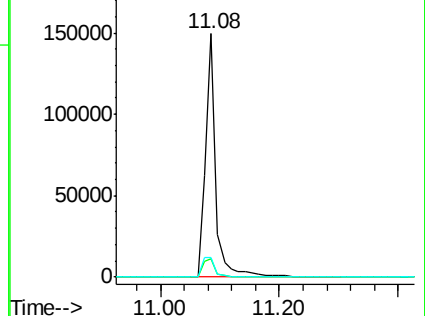
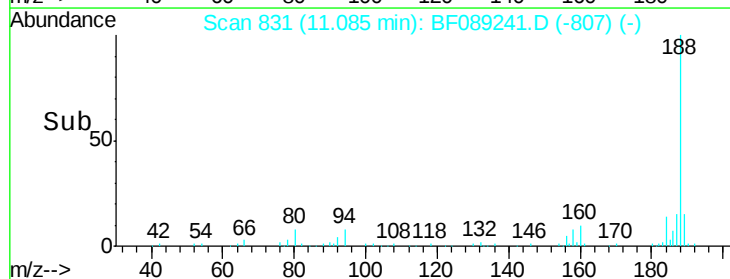
80 8.1 7.7 11.5

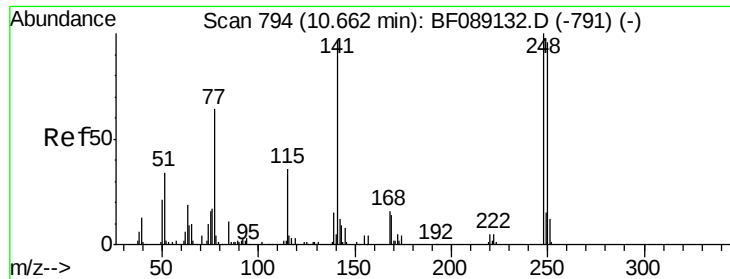


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 5.24 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.26 min

Lab File: BF089241.D

Acq: 23 Jul 2016 17:09

Instrument :

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ClientSampleId :

GCF-SW-1

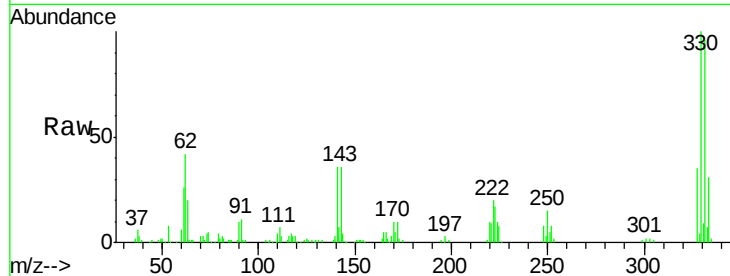
Tgt Ion:248 Resp: 9570

Ion Ratio Lower Upper

248 100

250 196.3 76.9 115.3#

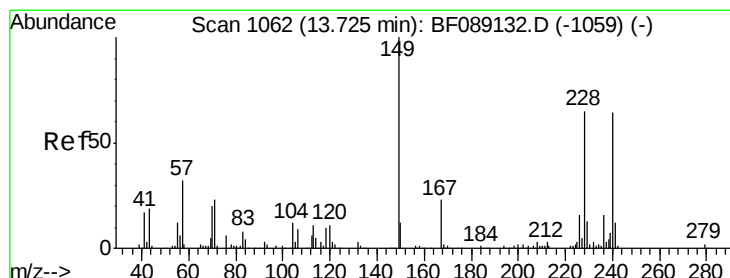
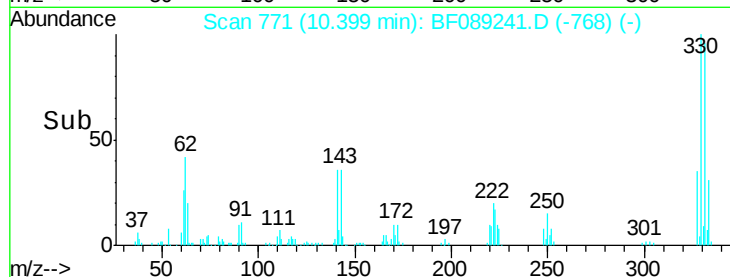
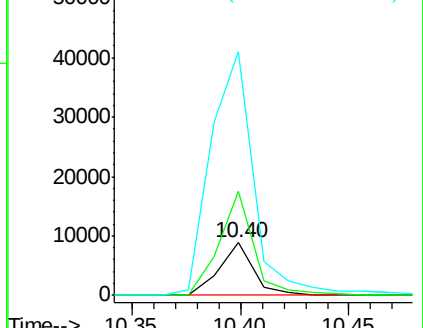
141 461.1 77.4 116.2#



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: 13.70 min Scan# 1060

Delta R.T. -0.02 min

Lab File: BF089241.D

Acq: 23 Jul 2016 17:09

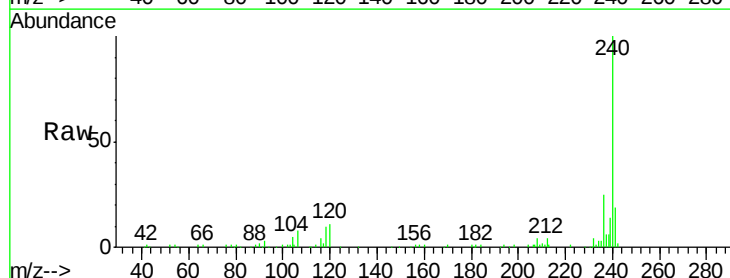
Tgt Ion:240 Resp: 130158

Ion Ratio Lower Upper

240 100

120 11.1 13.6 20.4#

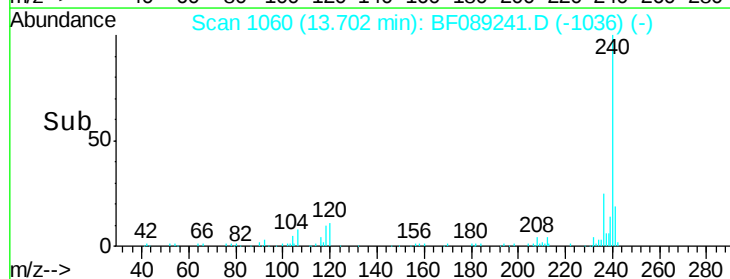
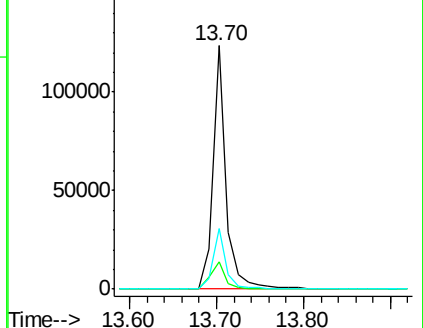
236 24.9 20.5 30.7

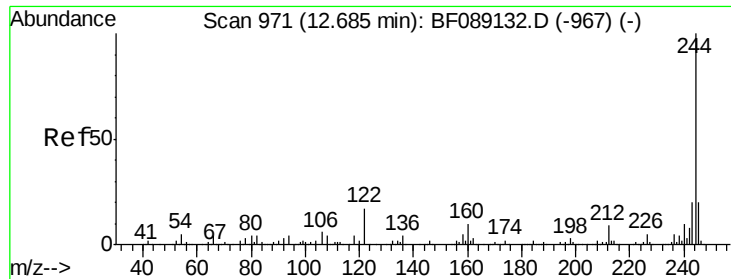


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

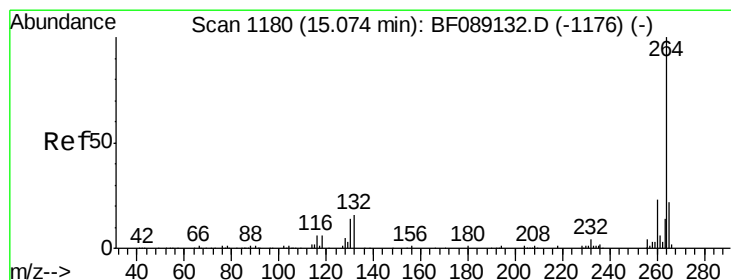
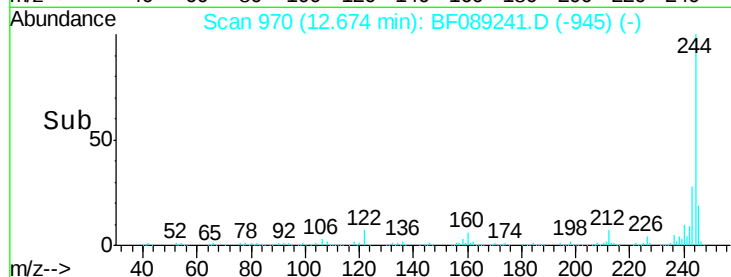
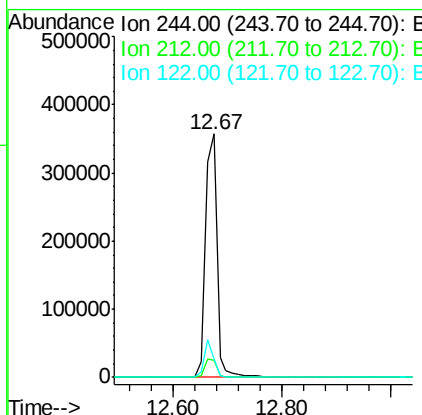
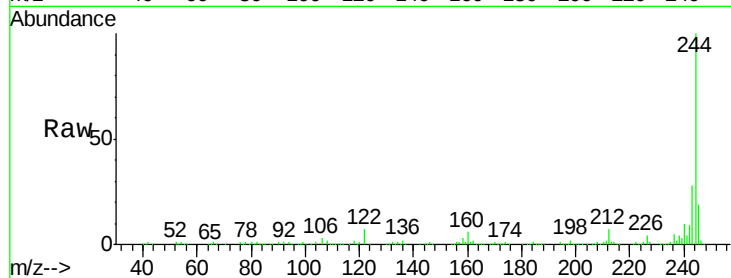




#78
 Terphenyl-d14
 Concen: 86.74 ng
 RT: 12.67 min Scan# 970
 Delta R.T. -0.01 min
 Lab File: BF089241.D
 Acq: 23 Jul 2016 17:09

Instrument :
 BNA_F
 ClientSampleId :
 GCF-SW-1

Tgt Ion:244 Resp: 520540
 Ion Ratio Lower Upper
 244 100
 212 7.0 7.0 10.4
 122 7.4 13.8 20.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.04 min Scan# 1177
 Delta R.T. -0.03 min
 Lab File: BF089241.D
 Acq: 23 Jul 2016 17:09

Tgt Ion:264 Resp: 92581
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.5 27.7
 265 22.5 17.3 25.9

