

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
 Data File : BF088409.D
 Acq On : 26 Jun 2016 8:56
 Operator : UM/SJ
 Sample : H3660-10RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-2RE

Quant Time: Jun 27 04:10:57 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

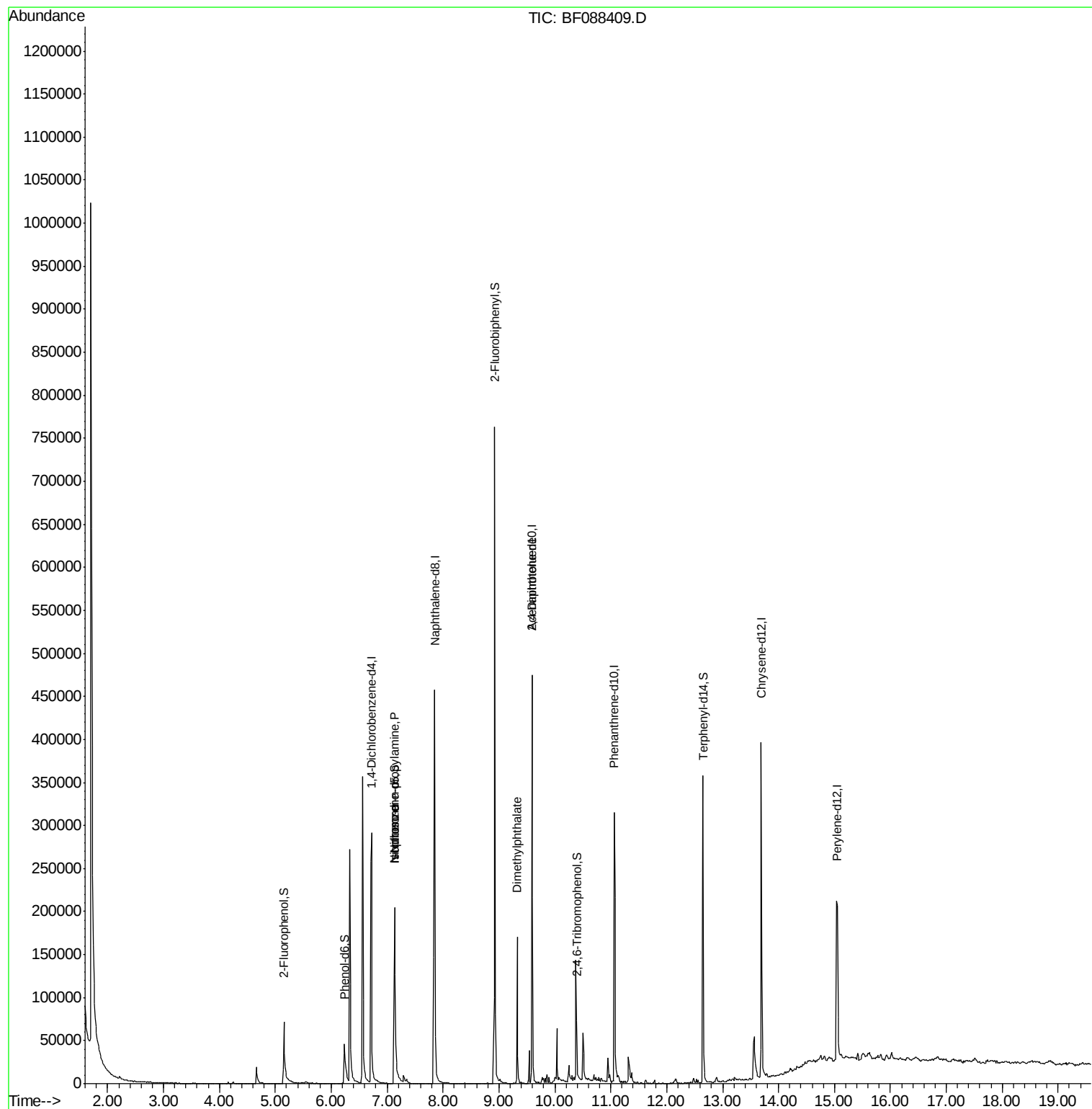
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	78327	20.00	ng	0.11
21) Naphthalene-d8	7.85	136	277306	20.00	ng	-0.05
38) Acenaphthene-d10	9.59	164	110905	20.00	ng	-0.06
63) Phenanthrene-d10	11.06	188	179821	20.00	ng	-0.06
75) Chrysene-d12	13.69	240	155209	20.00	ng	-0.06
86) Perylene-d12	15.05	264	112568	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	51754	11.30	ng	-0.02
7) Phenol-d6	6.24	99	53531	9.64	ng	-0.02
23) Nitrobenzene-d5	7.13	82	127253	26.80	ng	-0.05
41) 2,4,6-Tribromophenol	10.39	330	22133	18.90	ng	-0.05
44) 2-Fluorobiphenyl	8.92	172	263251	33.96	ng	-0.05
78) Terphenyl-d14	12.65	244	181618	26.63	ng	-0.05
Target Compounds						
10) Phenol	6.25	94	1438	Below Cal	#	19
19) n-Nitroso-di-n-propylamine	7.13	70	15304	4.31 ng	#	73
25) Isophorone	7.13	82	130900	14.88 ng	#	65
45) 1,1'-Biphenyl	8.92	154	292	Below Cal	#	1
49) Dimethylphthalate	9.32	163	74472	9.27 ng		98
56) 2,4-Dinitrotoluene	9.59	165	13832	5.85 ng	#	36
57) Fluorene	10.38	166	1138	Below Cal	#	88

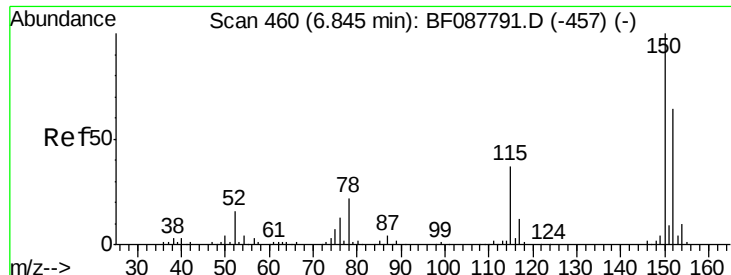
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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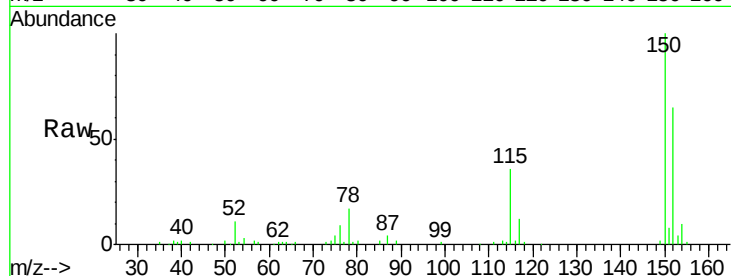




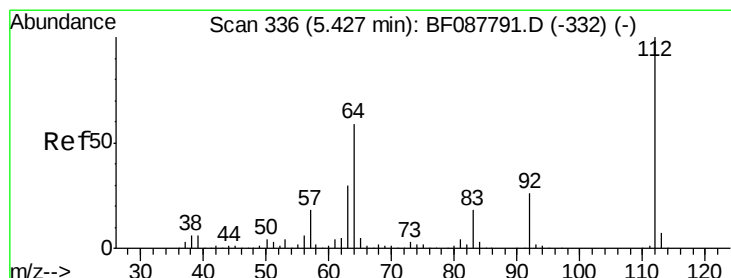
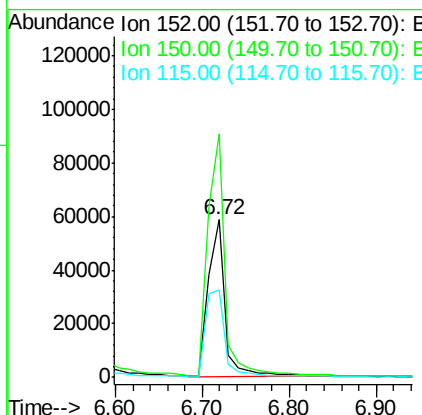
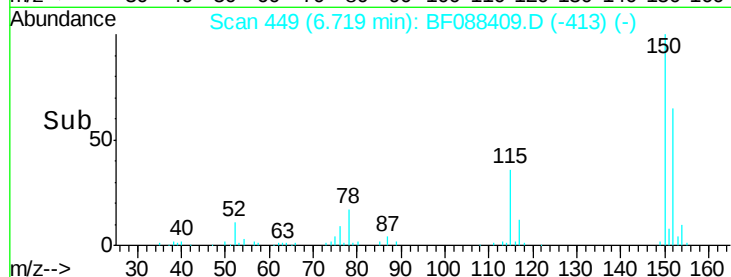
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.72 min Scan# 449
 Delta R.T. 0.11 min
 Lab File: BF088409.D
 Acq: 26 Jun 2016 8:56

Instrument :
 BNA_F
 ClientSampleId :
 GW-2RE

Tgt Ion:152 Resp: 78327
 Ion Ratio Lower Upper
 152 100
 150 154.8 123.8 185.6
 115 55.9 39.6 59.4

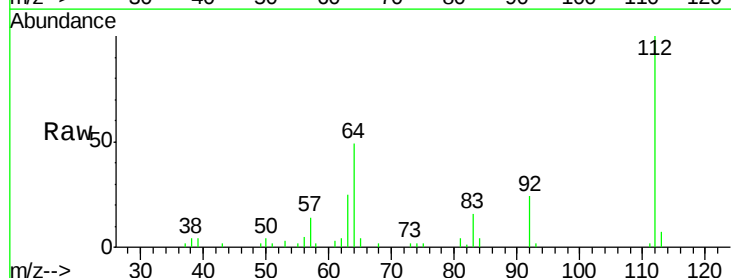


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

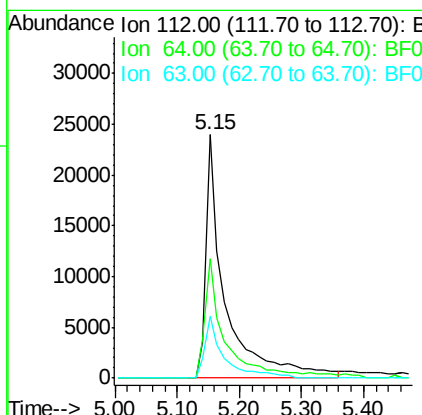
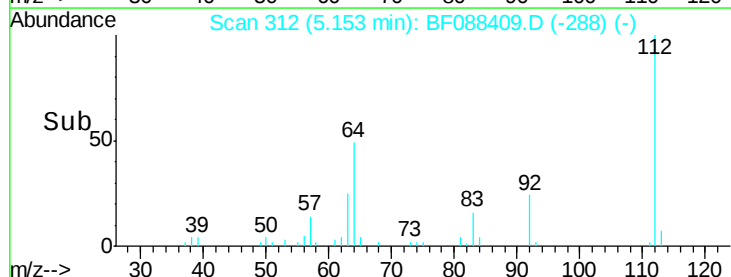


#5
 2-Fluorophenol
 Concen: 11.30 ng
 RT: 5.15 min Scan# 312
 Delta R.T. -0.02 min
 Lab File: BF088409.D
 Acq: 26 Jun 2016 8:56

Tgt Ion:112 Resp: 51754
 Ion Ratio Lower Upper
 112 100
 64 48.8 42.2 63.2
 63 25.4 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: 9.64 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.02 min

Lab File: BF088409.D

Acq: 26 Jun 2016 8:56

Instrument :

BNA_F

ClientSampleId :

GW-2RE

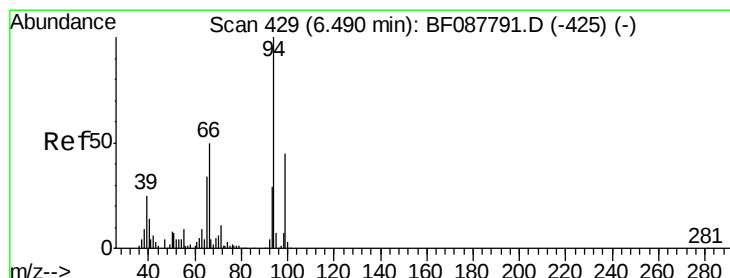
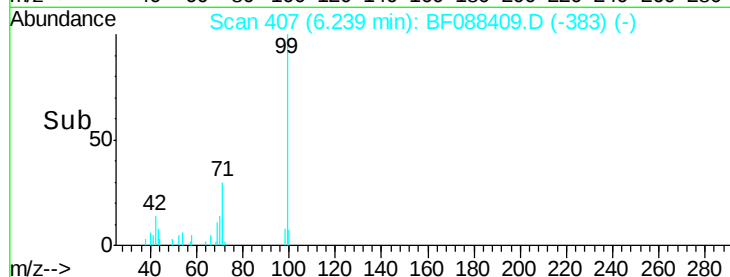
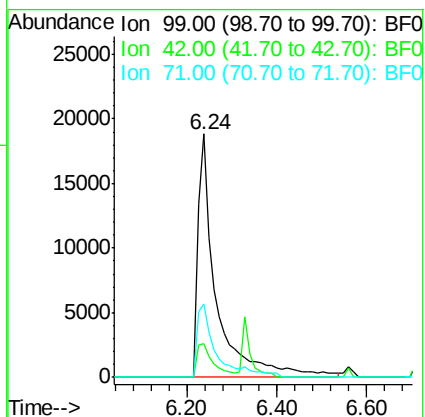
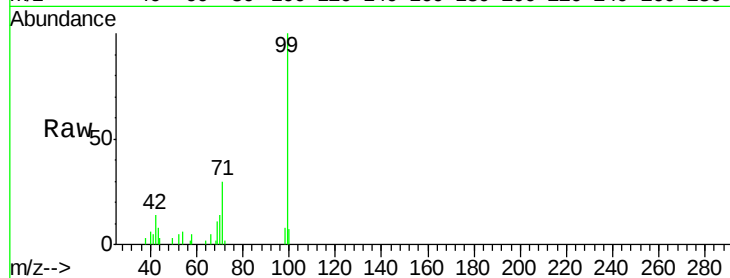
Tgt Ion: 99 Resp: 53531

Ion Ratio Lower Upper

99 100

42 13.9 12.2 18.2

71 30.1 23.4 35.0



#10

Phenol

Concen: Below Cal

RT: 6.25 min Scan# 408

Delta R.T. -0.02 min

Lab File: BF088409.D

Acq: 26 Jun 2016 8:56

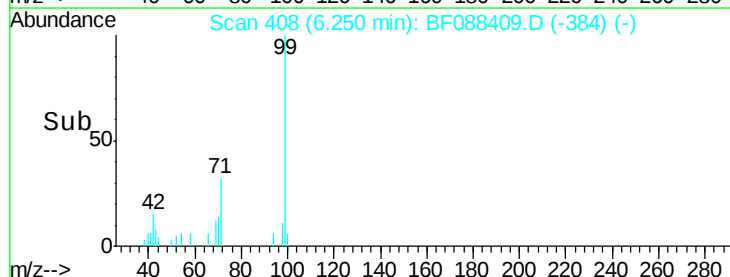
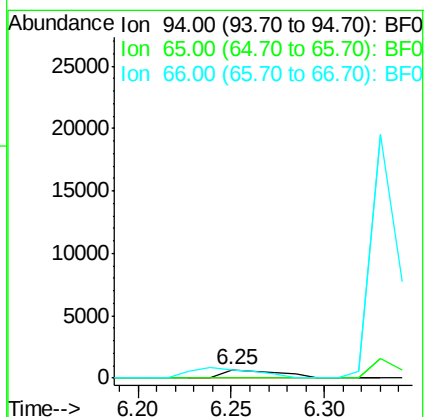
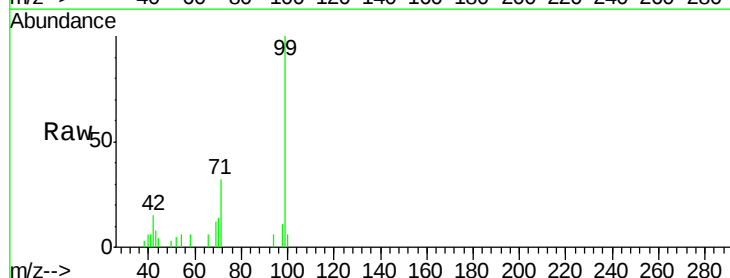
Tgt Ion: 94 Resp: 1438

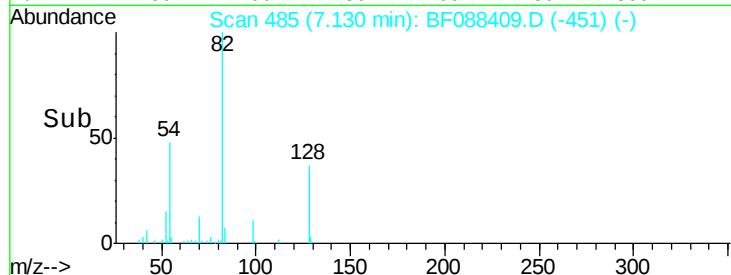
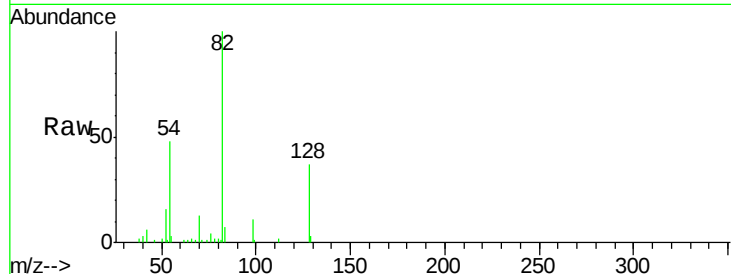
Ion Ratio Lower Upper

94 100

65 0.0 5.9 45.9#

66 94.0 14.0 54.0#

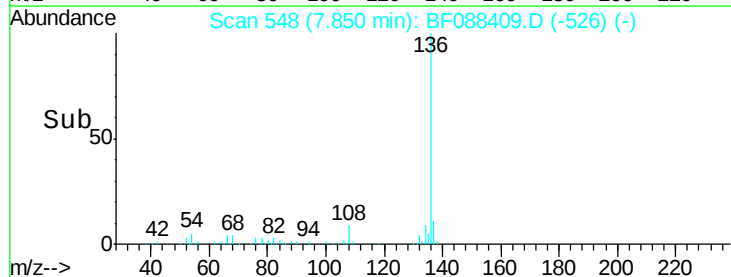
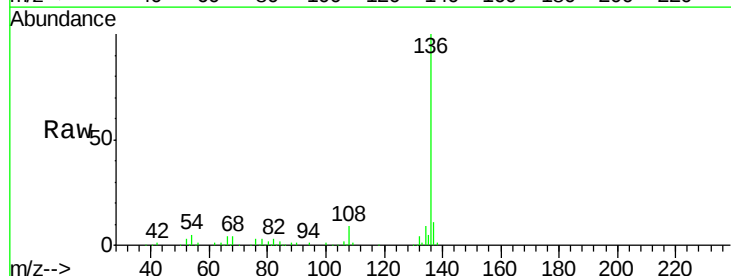
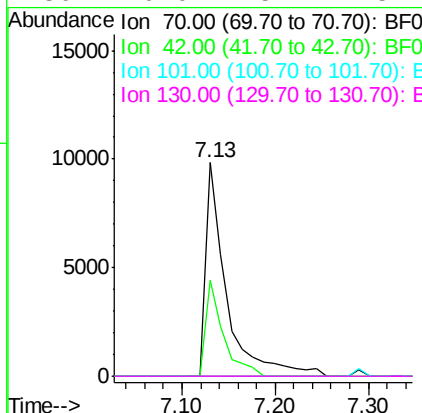




#19
n-Nitroso-di-n-propylamine
Concen: 4.31 ng
RT: 7.13 min Scan# 485
Delta R.T. 0.09 min
Lab File: BF088409.D
Acq: 26 Jun 2016 8:56

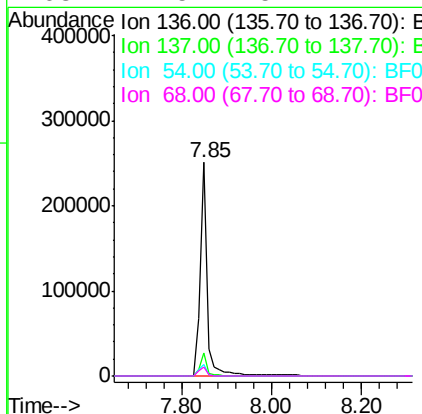
Instrument :
BNA_F
ClientSampleId :
GW-2RE

Tgt Ion: 70 Resp: 15304
Ion Ratio Lower Upper
70 100
42 45.1 49.6 74.4#
101 0.0 7.1 10.7#
130 0.0 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.05 min
Lab File: BF088409.D
Acq: 26 Jun 2016 8:56

Tgt Ion: 136 Resp: 277306
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 5.4 6.6 10.0#
68 4.5 5.1 7.7#

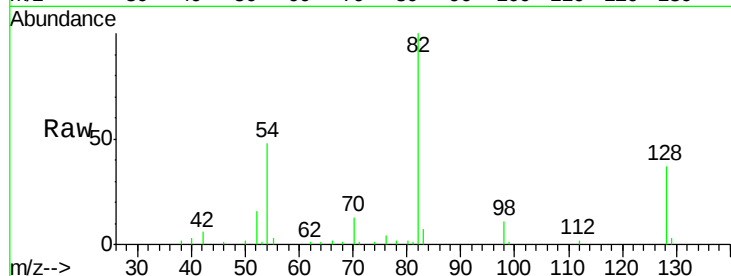




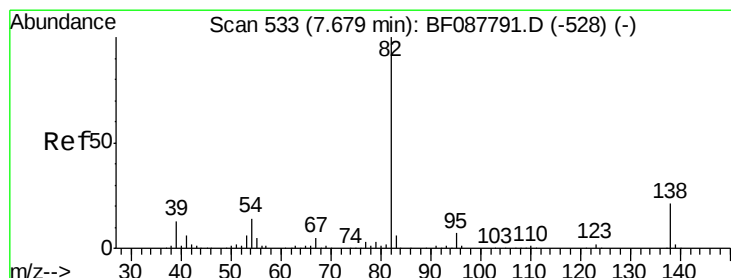
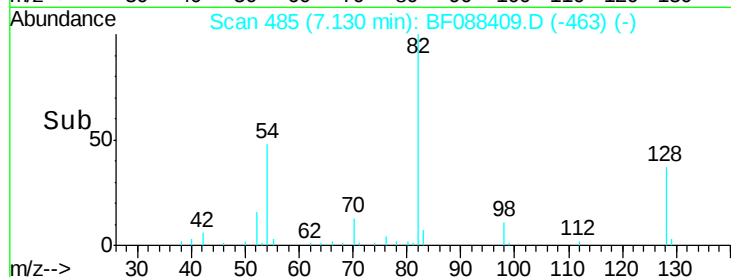
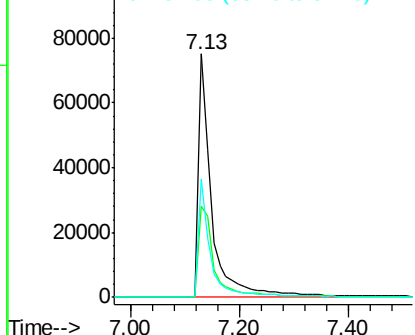
#23
Nitrobenzene-d5
Concen: 26.80 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.05 min
Lab File: BF088409.D
Acq: 26 Jun 2016 8:56

Instrument :
BNA_F
ClientSampleId :
GW-2RE

Tgt Ion: 82 Resp: 127253
Ion Ratio Lower Upper
82 100
128 37.4 35.9 53.9
54 48.4 40.9 61.3

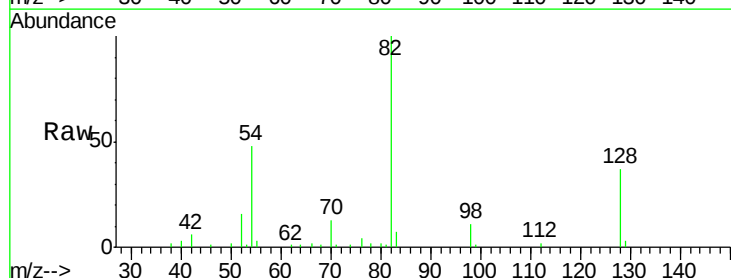


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

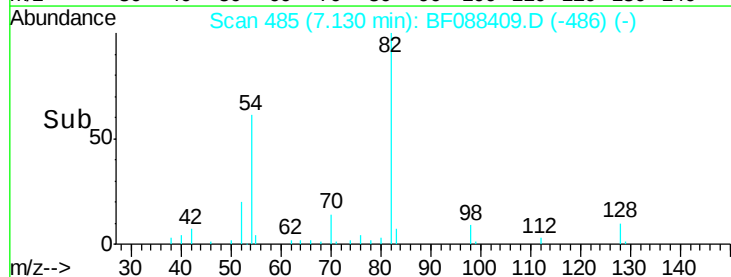
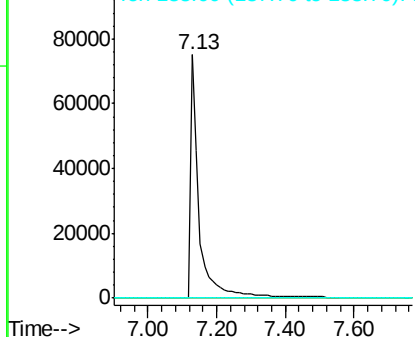


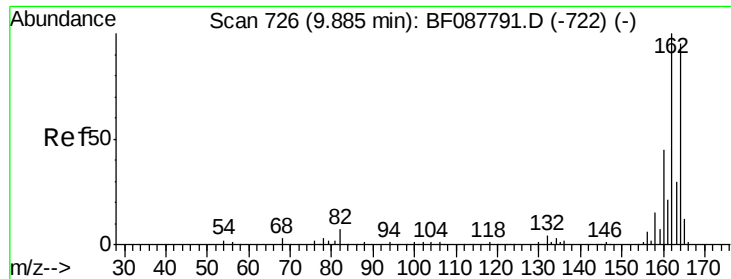
#25
Isophorone
Concen: 14.88 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.31 min
Lab File: BF088409.D
Acq: 26 Jun 2016 8:56

Tgt Ion: 82 Resp: 130900
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.06 min

Lab File: BF088409.D

Acq: 26 Jun 2016 8:56

Instrument :

BNA_F

ClientSampleId :

GW-2RE

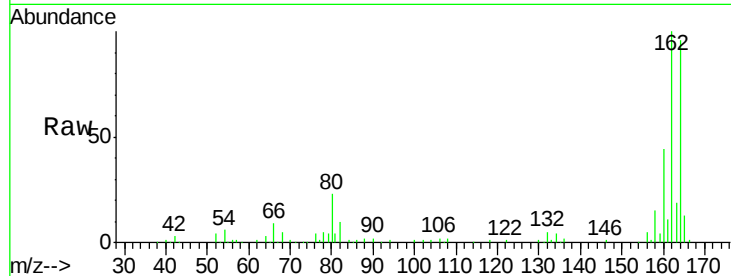
Tgt Ion:164 Resp: 110905

Ion Ratio Lower Upper

164 100

162 104.6 85.4 128.2

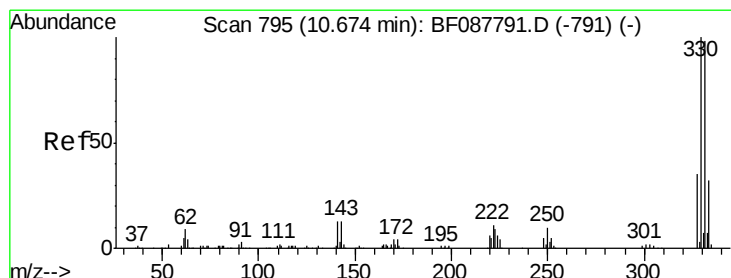
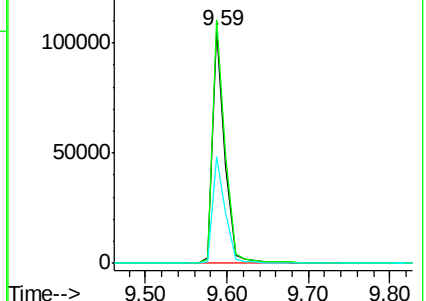
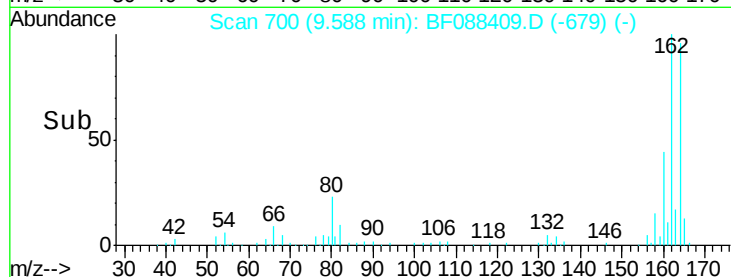
160 45.9 39.5 59.3



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: 18.90 ng

RT: 10.39 min Scan# 770

Delta R.T. -0.05 min

Lab File: BF088409.D

Acq: 26 Jun 2016 8:56

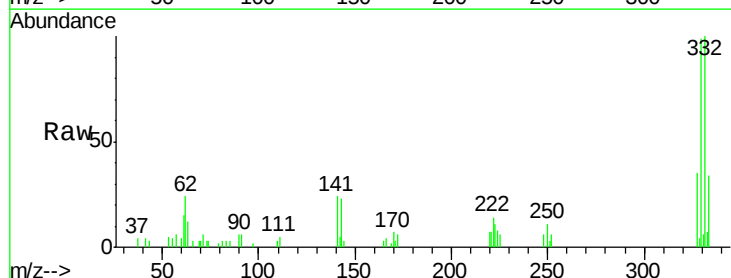
Tgt Ion:330 Resp: 22133

Ion Ratio Lower Upper

330 100

332 95.8 0.0 0.0#

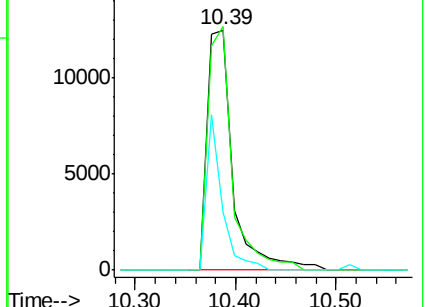
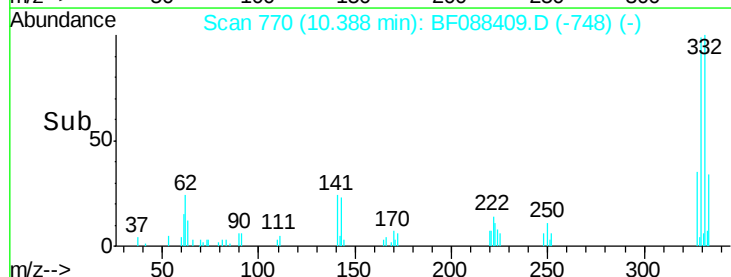
141 39.4 0.0 0.0#



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

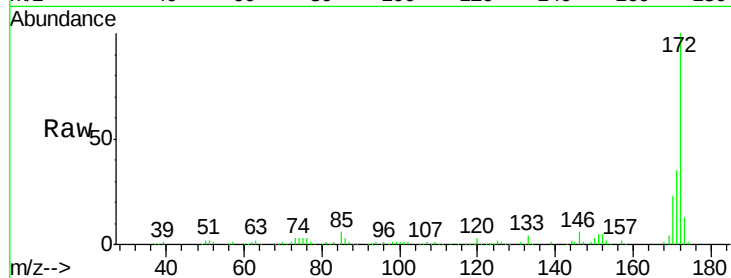




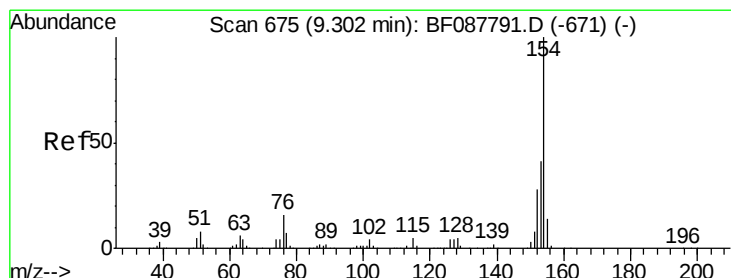
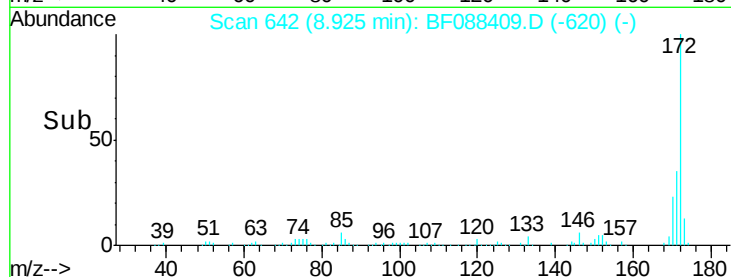
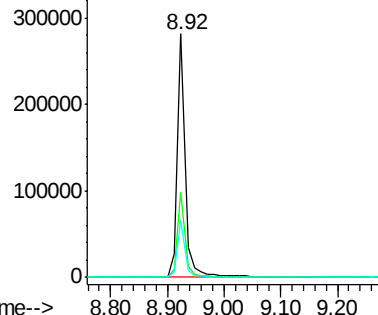
#44
 2-Fluorobiphenyl
 Concen: 33.96 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.05 min
 Lab File: BF088409.D
 Acq: 26 Jun 2016 8:56

Instrument :
 BNA_F
 ClientSampleId :
 GW-2RE

Tgt Ion:172 Resp: 263251
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.6 43.0
 170 23.2 19.2 28.8

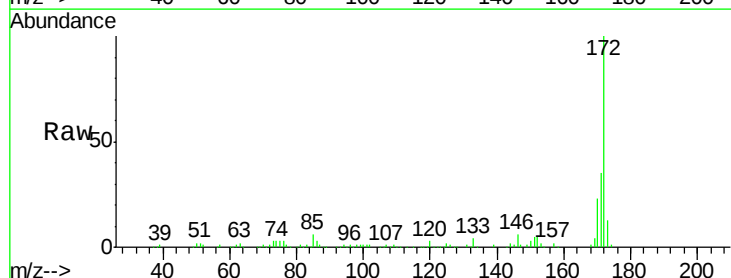


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

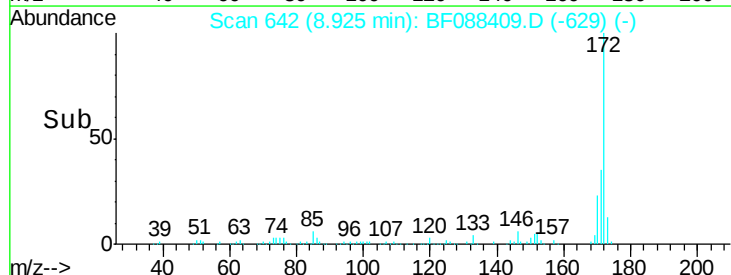
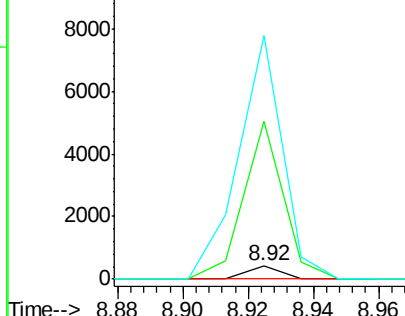


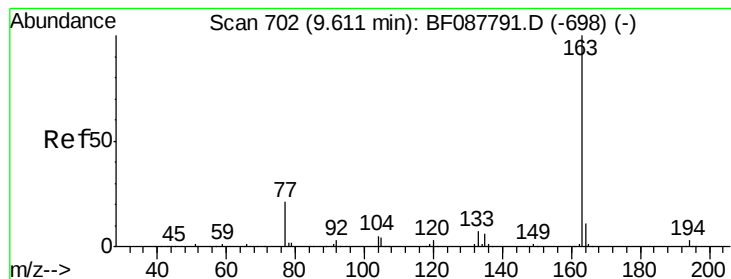
#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 8.92 min Scan# 642
 Delta R.T. -0.15 min
 Lab File: BF088409.D
 Acq: 26 Jun 2016 8:56

Tgt Ion:154 Resp: 292
 Ion Ratio Lower Upper
 154 100
 153 1186.4 20.6 60.6#
 76 1827.2 0.0 35.1#



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0





#49

Dimethylphthalate

Concen: 9.27 ng

RT: 9.32 min Scan# 677

Delta R.T. -0.06 min

Lab File: BF088409.D

Acq: 26 Jun 2016 8:56

Instrument :

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ClientSampleId :

GW-2RE

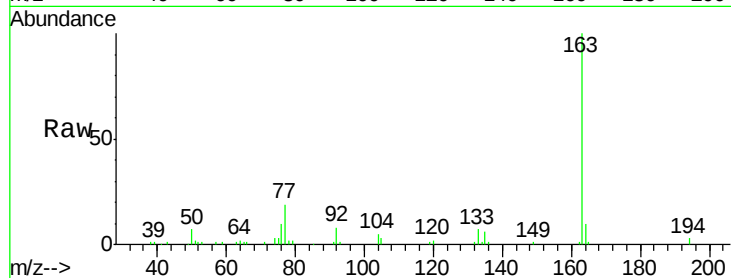
Tgt Ion:163 Resp: 74472

Ion Ratio Lower Upper

163 100

194 2.9 2.8 4.2

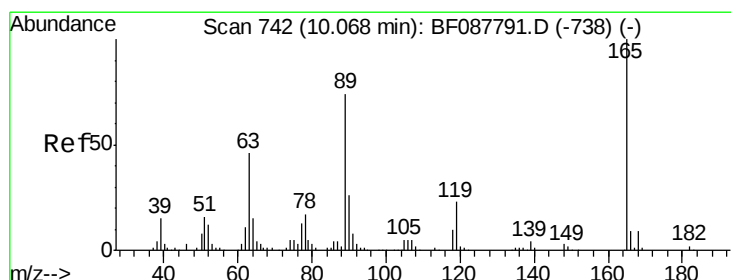
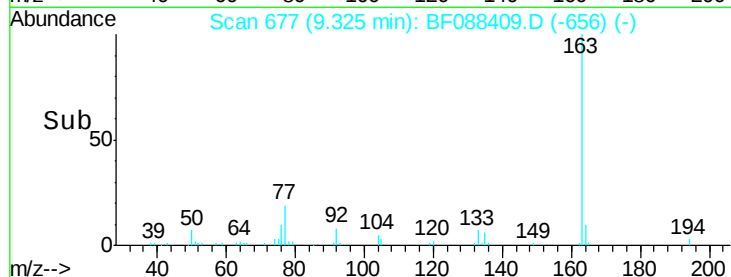
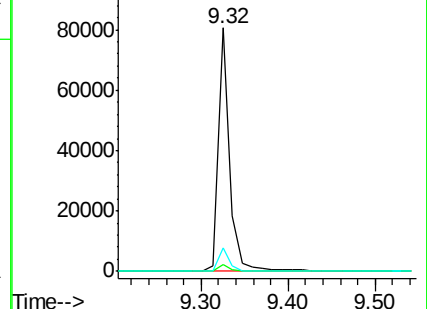
164 9.8 8.3 12.5



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: 5.85 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.26 min

Lab File: BF088409.D

Acq: 26 Jun 2016 8:56

Tgt Ion:165 Resp: 13832

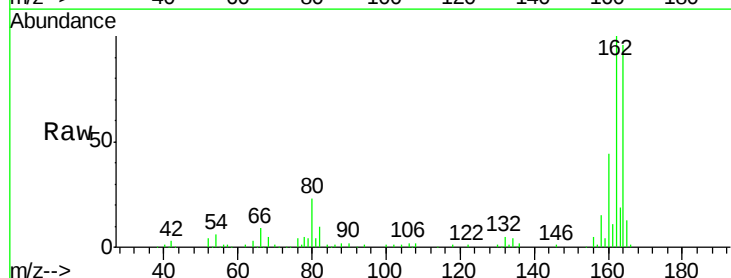
Ion Ratio Lower Upper

165 100

63 0.0 22.0 33.0#

89 0.0 41.1 61.7#

182 0.0 2.0 3.0#

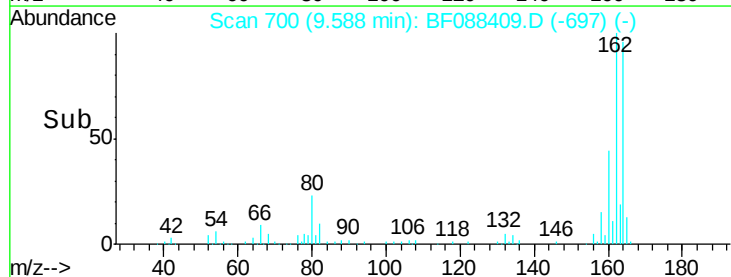
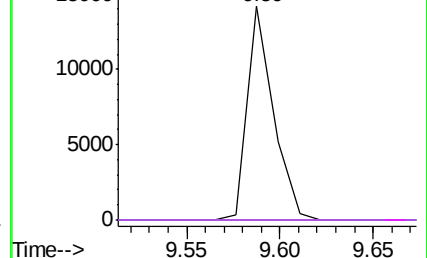


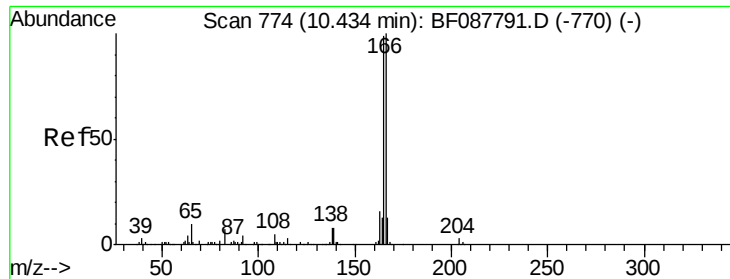
Abundance Ion 165.00 (164.70 to 165.70): E

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





#57

Fluorene

Concen: Below Cal

RT: 10.38 min Scan# 769

Delta R.T. 0.18 min

Lab File: BF088409.D

Acq: 26 Jun 2016 8:56

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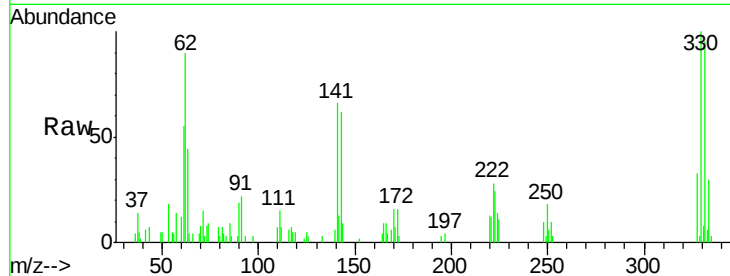
Tgt Ion:166 Resp: 1138

Ion Ratio Lower Upper

166 100

165 92.6 77.8 116.8

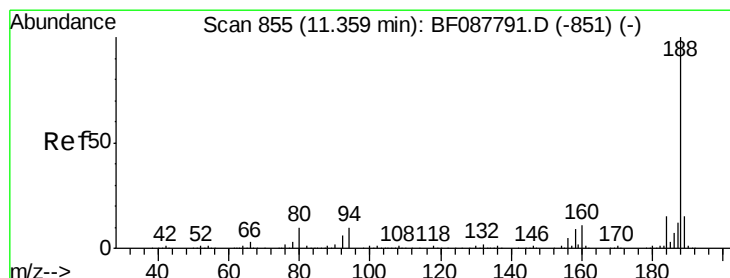
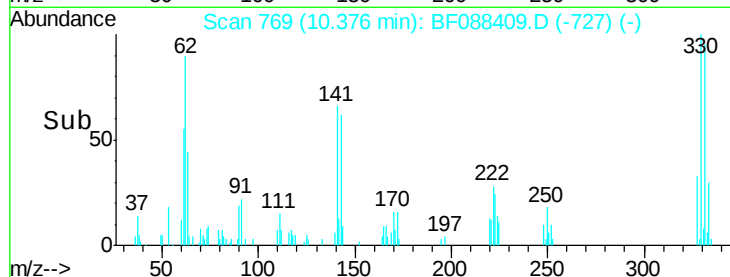
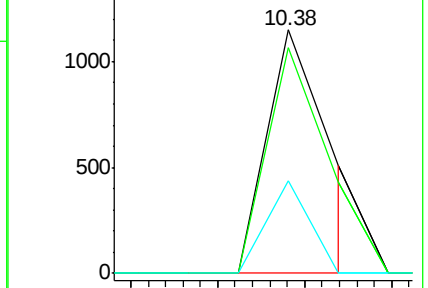
167 37.9 11.2 16.8#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.06 min Scan# 829

Delta R.T. -0.06 min

Lab File: BF088409.D

Acq: 26 Jun 2016 8:56

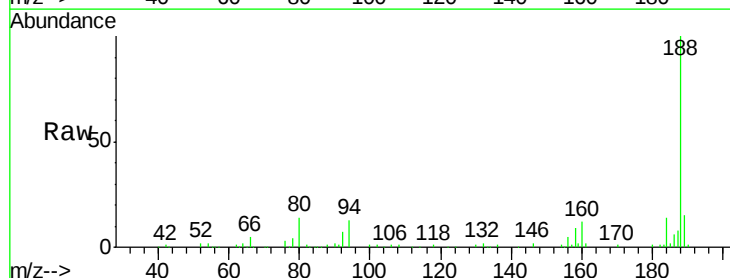
Tgt Ion:188 Resp: 179821

Ion Ratio Lower Upper

188 100

94 12.5 9.0 13.6

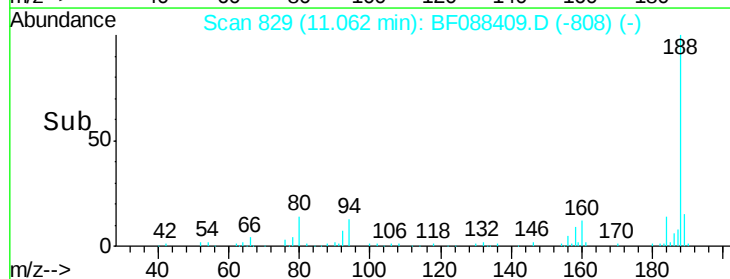
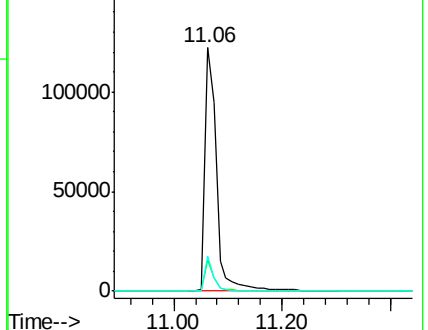
80 14.1 10.0 15.0

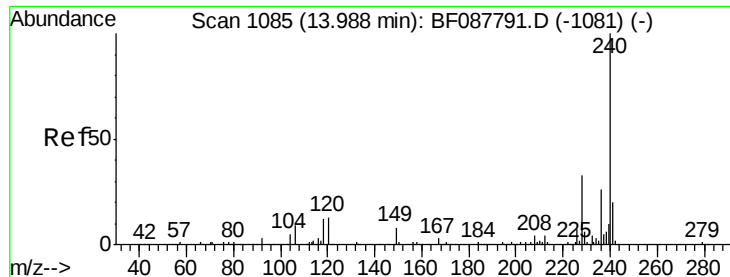


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

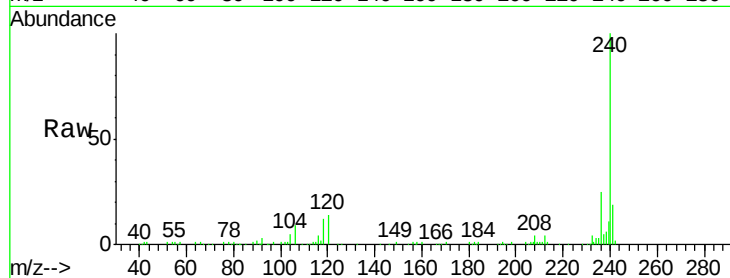




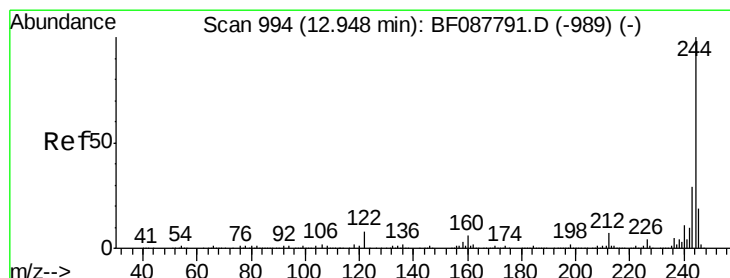
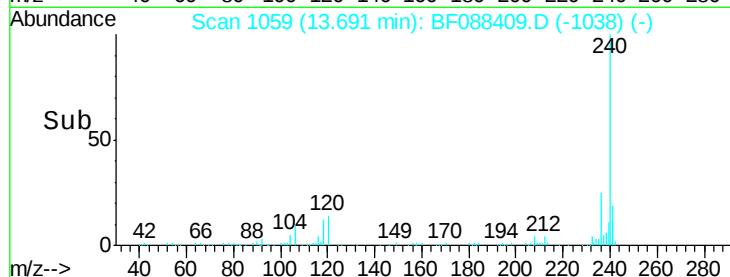
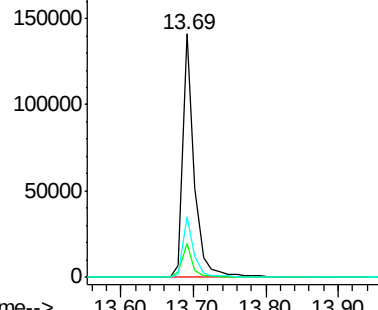
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1059
Delta R.T. -0.06 min
Lab File: BF088409.D
Acq: 26 Jun 2016 8:56

Instrument :
BNA_F
ClientSampleId :
GW-2RE

Tgt Ion:240 Resp: 155209
Ion Ratio Lower Upper
240 100
120 14.0 6.8 10.2#
236 24.9 20.2 30.2

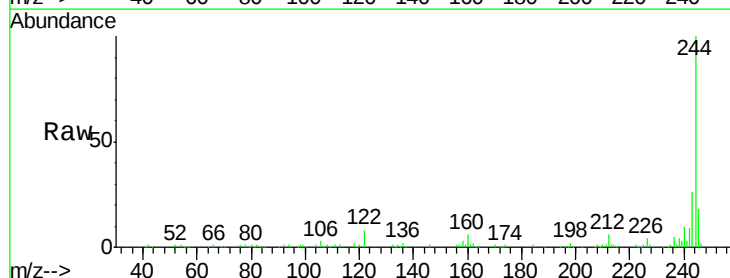


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

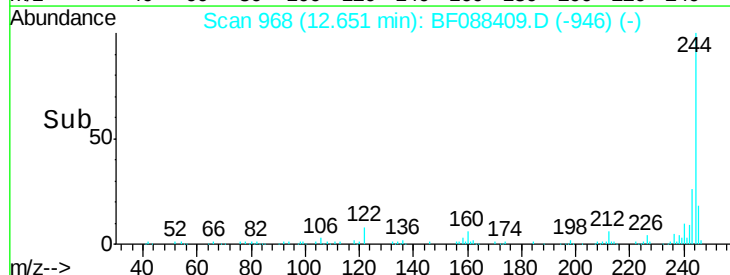
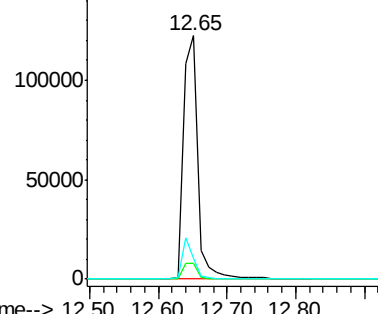


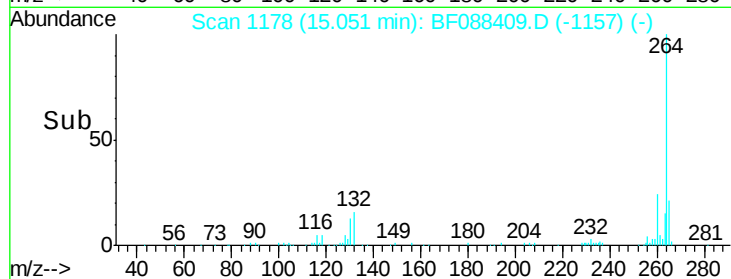
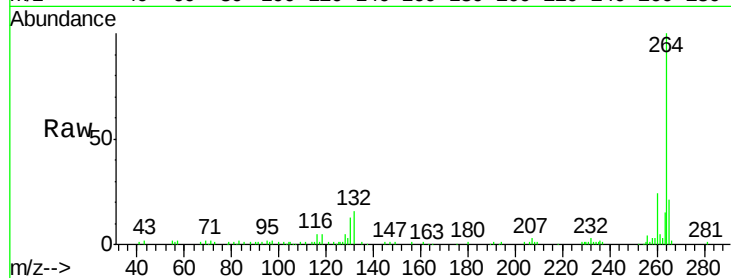
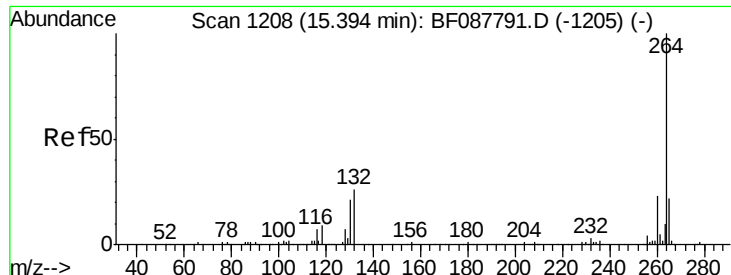
#78
Terphenyl-d14
Concen: 26.63 ng
RT: 12.65 min Scan# 968
Delta R.T. -0.05 min
Lab File: BF088409.D
Acq: 26 Jun 2016 8:56

Tgt Ion:244 Resp: 181618
Ion Ratio Lower Upper
244 100
212 6.2 6.0 9.0
122 8.4 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: 15.05 min Scan# 1178

Delta R.T. -0.06 min

Lab File: BF088409.D

Acq: 26 Jun 2016 8:56

Instrument :

BNA_F

ClientSampleId :

GW-2RE

Tgt Ion: 264 Resp: 112568

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 20.5 16.9 25.3

