

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
 Data File : BF088408.D
 Acq On : 26 Jun 2016 8:27
 Operator : UM/SJ
 Sample : H3660-09RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-1RE

Quant Time: Jun 27 04:10:44 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

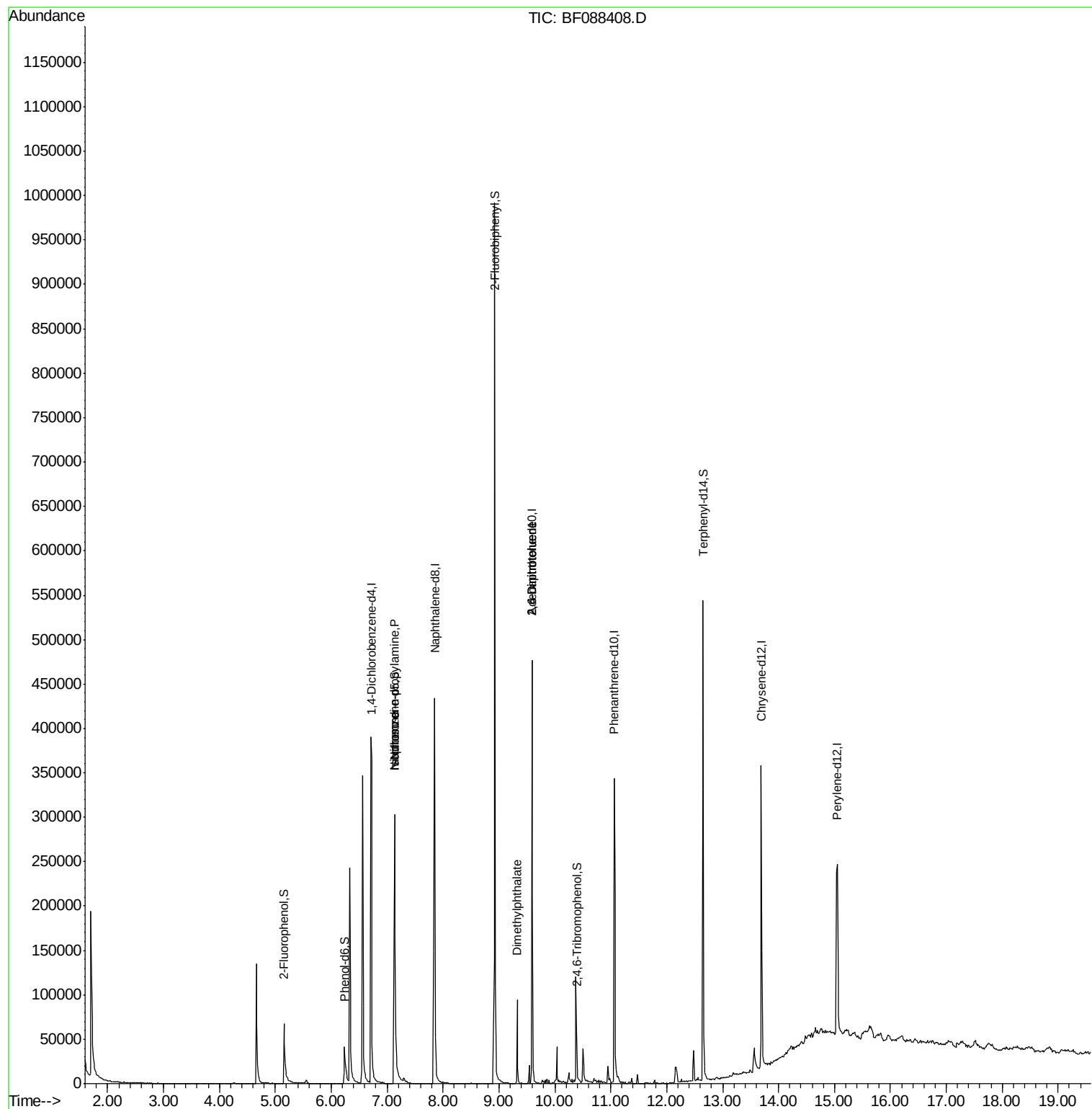
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	106271	20.00	ng	0.11
21) Naphthalene-d8	7.85	136	268993	20.00	ng	-0.05
38) Acenaphthene-d10	9.59	164	111932	20.00	ng	-0.06
63) Phenanthrene-d10	11.06	188	186342	20.00	ng	-0.06
75) Chrysene-d12	13.69	240	139891	20.00	ng	-0.06
86) Perylene-d12	15.05	264	116676	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	53438	8.60	ng	-0.02
7) Phenol-d6	6.24	99	42230	5.61	ng	-0.02
23) Nitrobenzene-d5	7.13	82	168398	36.56	ng	-0.05
41) 2,4,6-Tribromophenol	10.39	330	19231	16.27	ng	-0.05
44) 2-Fluorobiphenyl	8.92	172	334041	44.23	ng	-0.05
78) Terphenyl-d14	12.65	244	231608	37.67	ng	-0.05
Target Compounds						
10) Phenol	6.25	94	900	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.13	70	20468	4.25 ng	#	73
25) Isophorone	7.13	82	172750	20.25 ng	#	65
45) 1,1'-Biphenyl	8.92	154	481	Below Cal	#	1
49) Dimethylphthalate	9.32	163	41918	5.17 ng		99
50) 2,6-Dinitrotoluene	9.59	165	14292	7.70 ng	#	37
56) 2,4-Dinitrotoluene	9.59	165	14292	5.99 ng	#	36
57) Fluorene	10.38	166	931	Below Cal	#	81

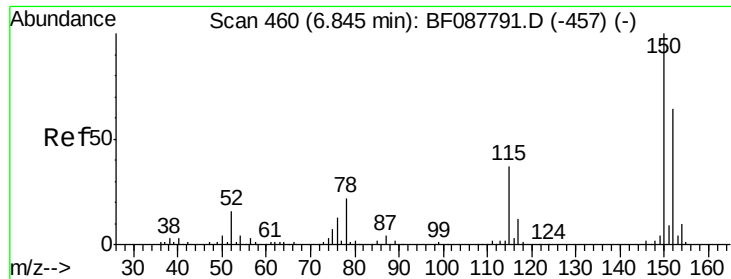
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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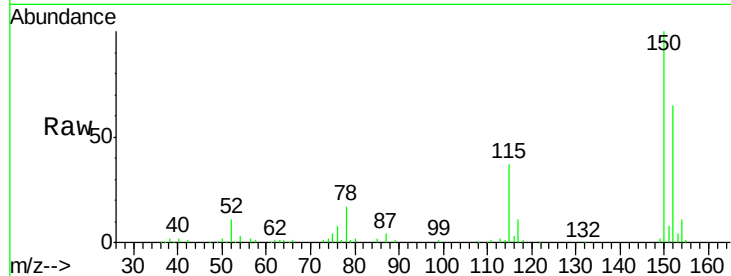


#1

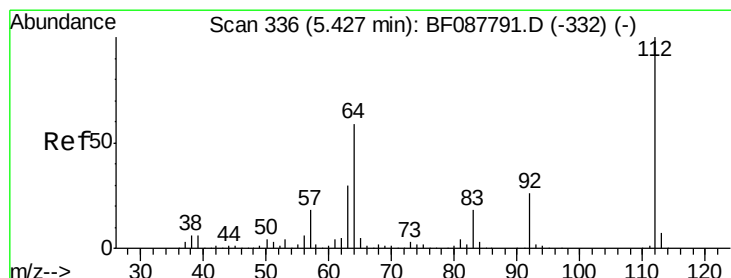
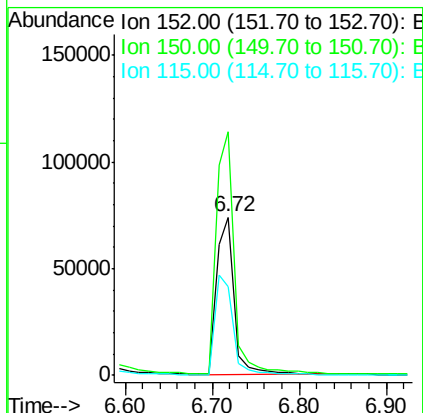
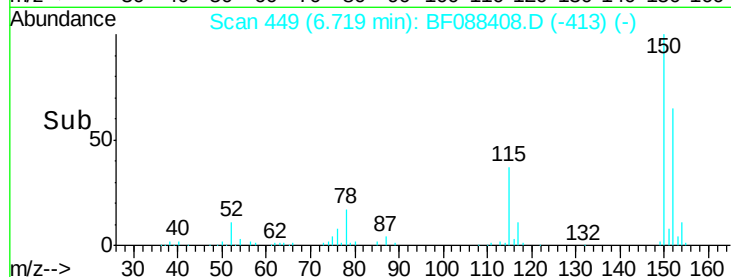
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 449
Delta R.T. 0.11 min
Lab File: BF088408.D
Acq: 26 Jun 2016 8:27

Instrument :
BNA_F
ClientSampleId :
GW-1RE

Tgt Ion:152 Resp: 106271
Ion Ratio Lower Upper
152 100
150 154.3 123.8 185.6
115 56.5 39.6 59.4



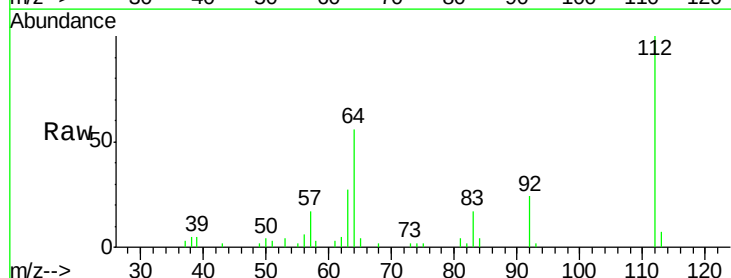
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



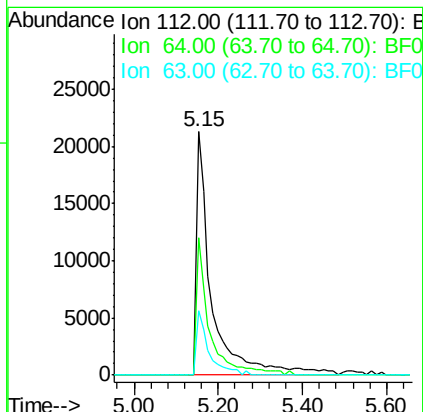
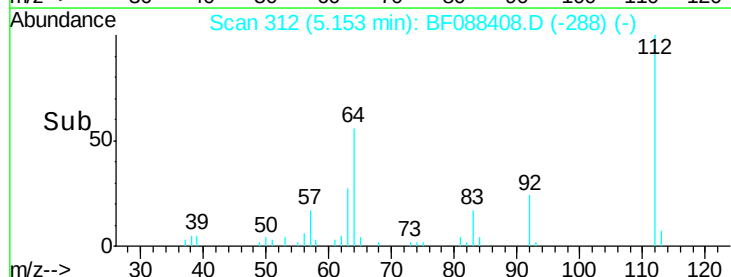
#5

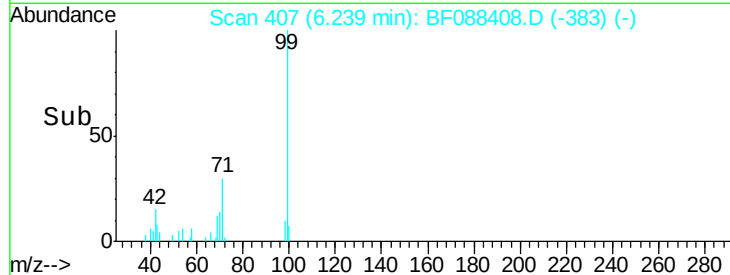
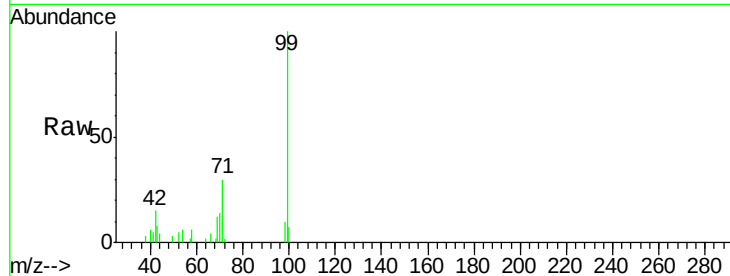
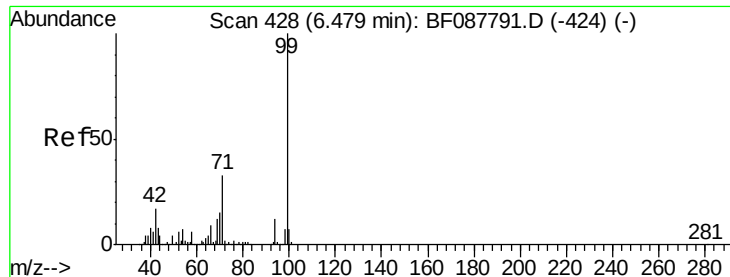
2-Fluorophenol
Concen: 8.60 ng
RT: 5.15 min Scan# 312
Delta R.T. -0.02 min
Lab File: BF088408.D
Acq: 26 Jun 2016 8:27

Tgt Ion:112 Resp: 53438
Ion Ratio Lower Upper
112 100
64 56.3 42.2 63.2
63 26.7 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: 5.61 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.02 min

Lab File: BF088408.D

Acq: 26 Jun 2016 8:27

Instrument :

BNA_F

ClientSampleId :

GW-1RE

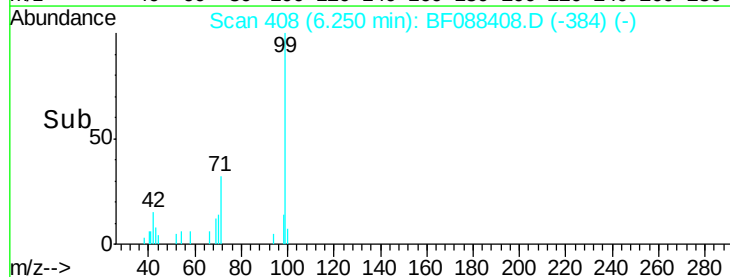
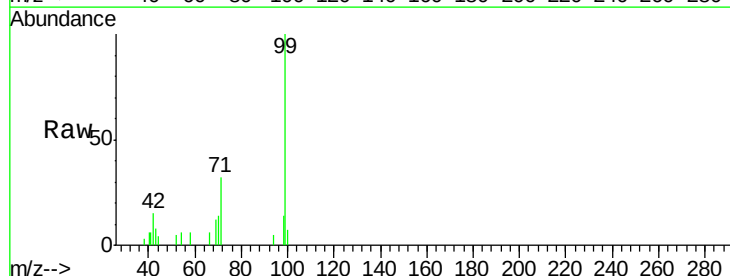
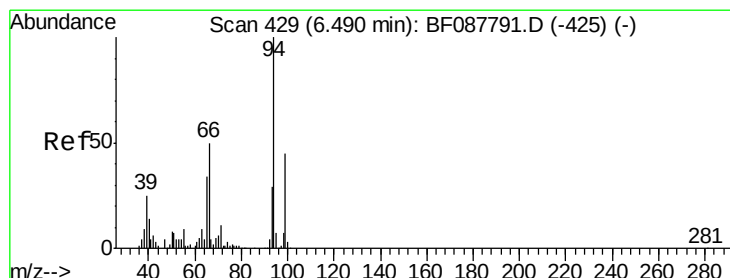
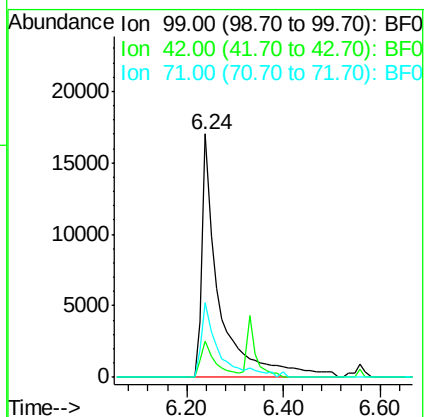
Tgt Ion: 99 Resp: 42230

Ion Ratio Lower Upper

99 100

42 14.6 12.2 18.2

71 30.5 23.4 35.0



#10

Phenol

Concen: Below Cal

RT: 6.25 min Scan# 408

Delta R.T. -0.02 min

Lab File: BF088408.D

Acq: 26 Jun 2016 8:27

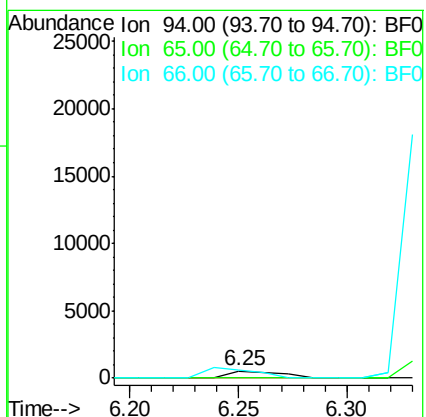
Tgt Ion: 94 Resp: 900

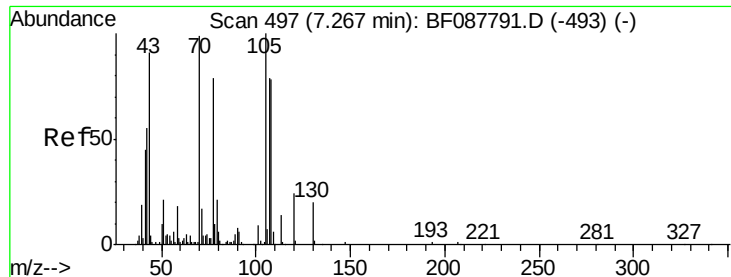
Ion Ratio Lower Upper

94 100

65 0.0 5.9 45.9#

66 111.8 14.0 54.0#

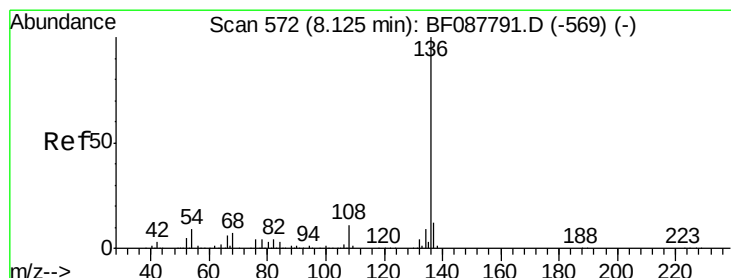
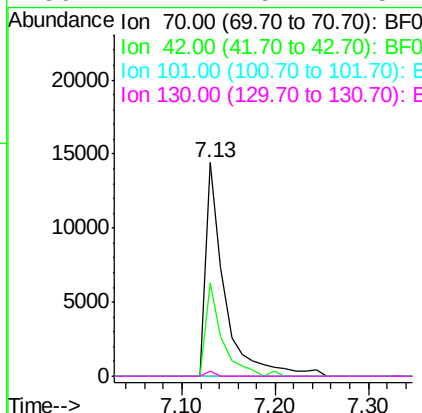
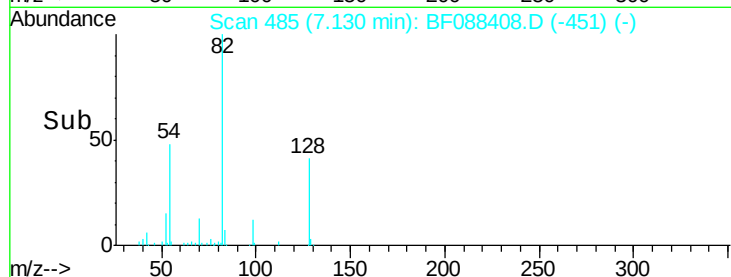
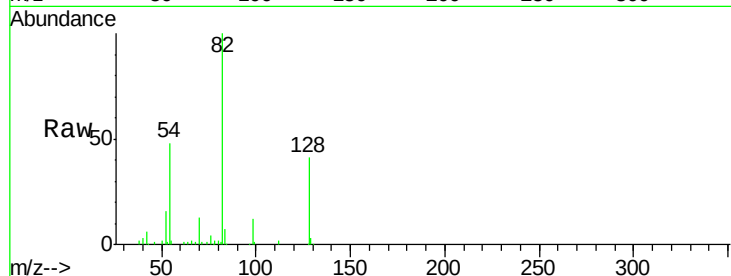




#19
n-Nitroso-di-n-propylamine
Concen: 4.25 ng
RT: 7.13 min Scan# 485
Delta R.T. 0.09 min
Lab File: BF088408.D
Acq: 26 Jun 2016 8:27

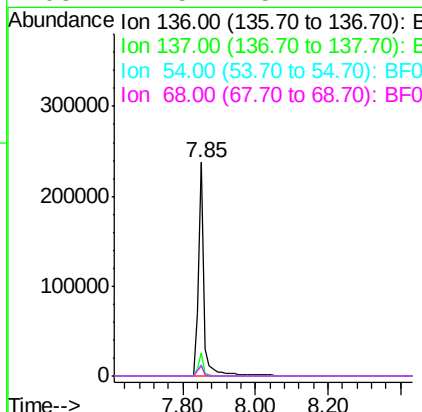
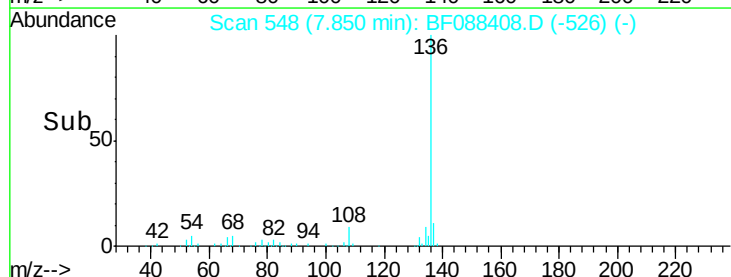
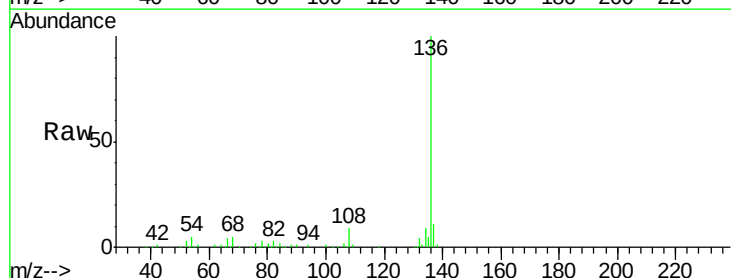
Instrument :
BNA_F
ClientSampleId :
GW-1RE

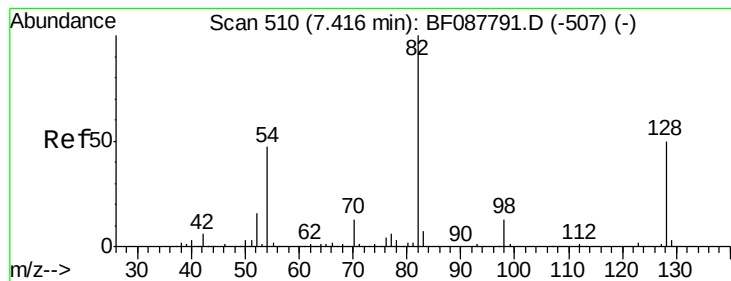
Tgt Ion: 70 Resp: 20468
Ion Ratio Lower Upper
70 100
42 43.5 49.6 74.4#
101 0.0 7.1 10.7#
130 2.2 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.05 min
Lab File: BF088408.D
Acq: 26 Jun 2016 8:27

Tgt Ion: 136 Resp: 268993
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 5.4 6.6 10.0#
68 4.5 5.1 7.7#





#23

Nitrobenzene-d5

Concen: 36.56 ng

RT: 7.13 min Scan# 485

Delta R.T. -0.05 min

Lab File: BF088408.D

Acq: 26 Jun 2016 8:27

Instrument :

BNA_F

ClientSampled :

GW-1RE

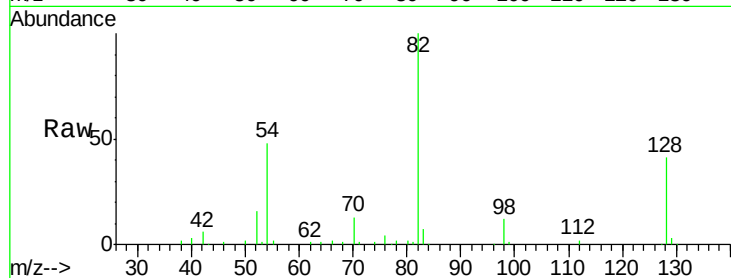
Tgt Ion: 82 Resp: 168398

Ion Ratio Lower Upper

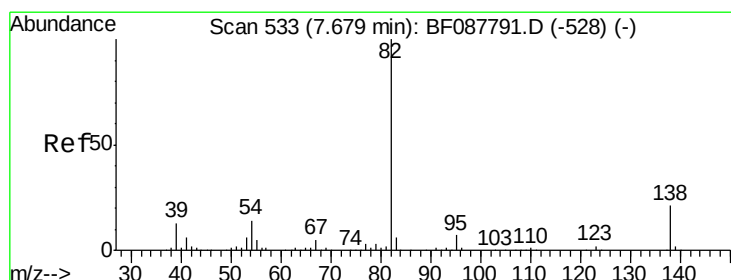
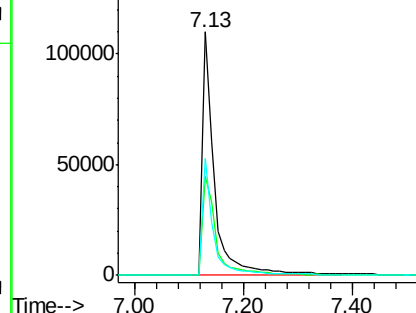
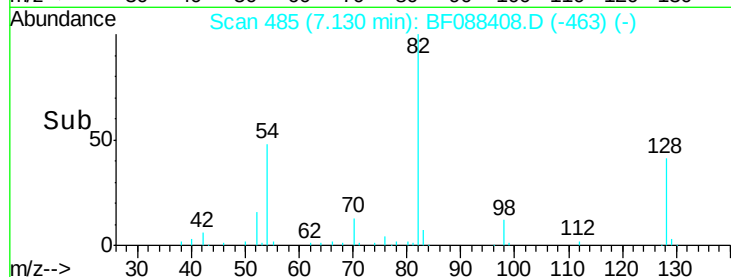
82 100

128 40.6 35.9 53.9

54 48.0 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: 20.25 ng

RT: 7.13 min Scan# 485

Delta R.T. -0.31 min

Lab File: BF088408.D

Acq: 26 Jun 2016 8:27

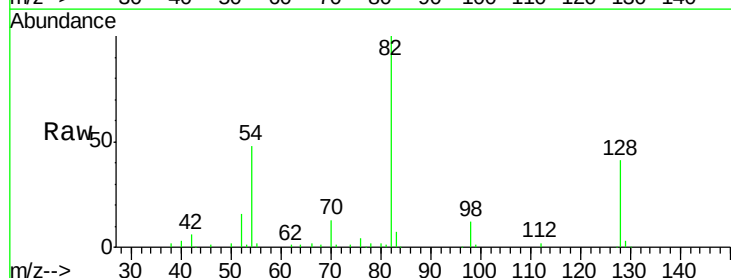
Tgt Ion: 82 Resp: 172750

Ion Ratio Lower Upper

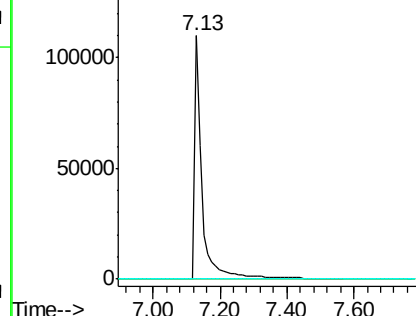
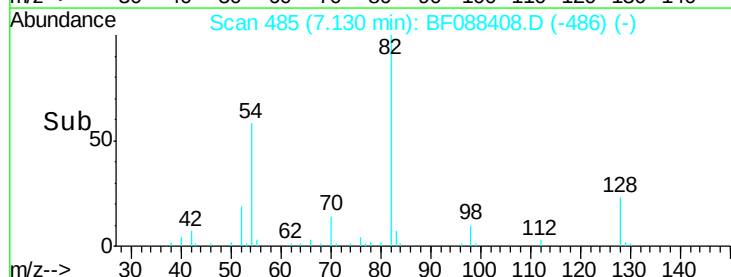
82 100

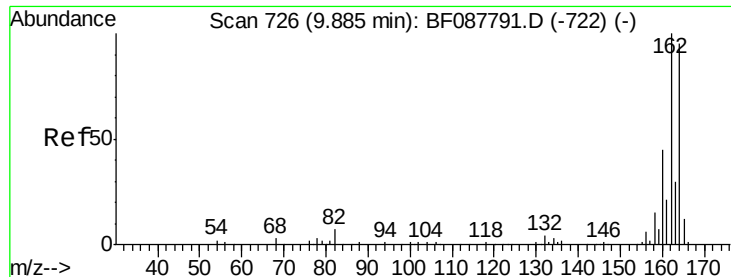
95 0.0 5.4 8.2#

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: BF088408.D

Acq: 26 Jun 2016 8:27

Instrument :

BNA_F

ClientSampleId :

GW-1RE

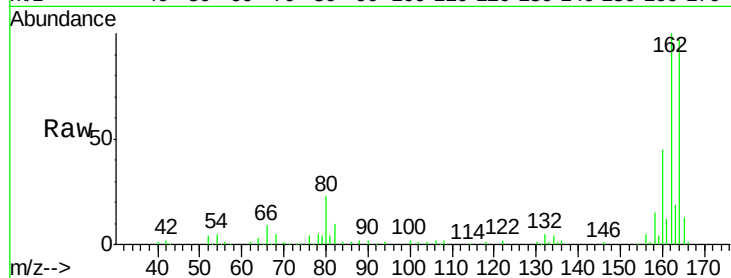
Tgt Ion:164 Resp: 111932

Ion Ratio Lower Upper

164 100

162 103.2 85.4 128.2

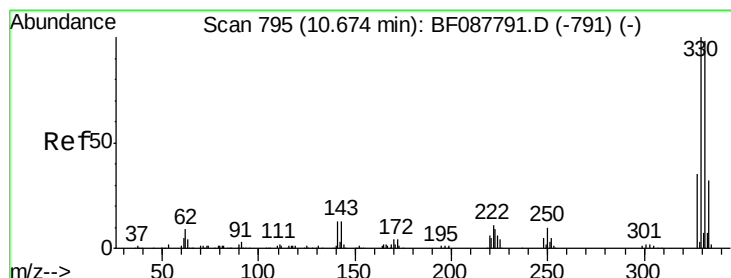
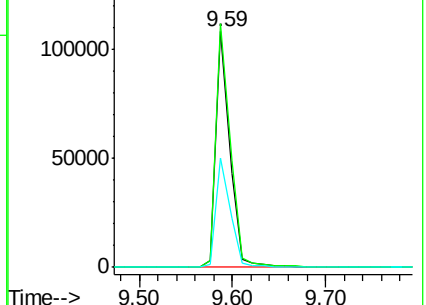
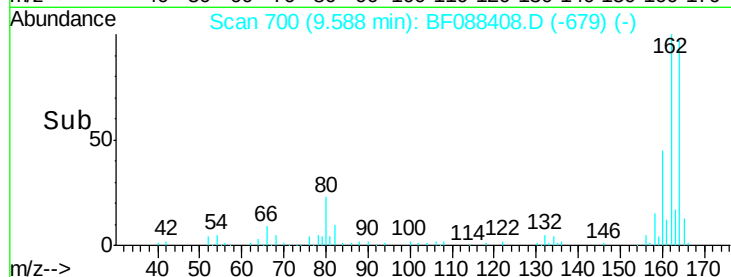
160 46.3 39.5 59.3



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: 16.27 ng

RT: 10.39 min Scan# 770

Delta R.T. -0.05 min

Lab File: BF088408.D

Acq: 26 Jun 2016 8:27

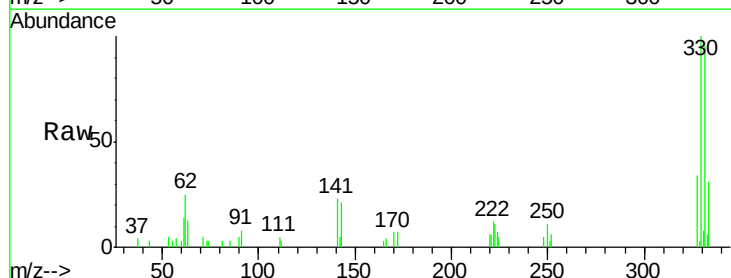
Tgt Ion:330 Resp: 19231

Ion Ratio Lower Upper

330 100

332 96.4 0.0 0.0#

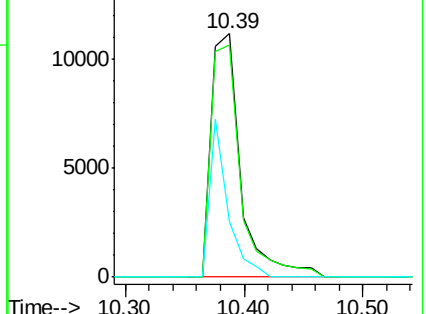
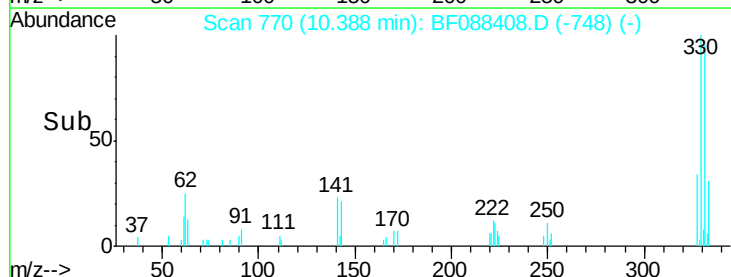
141 39.5 0.0 0.0#

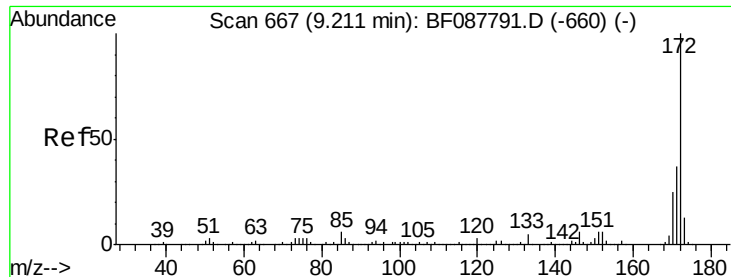


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

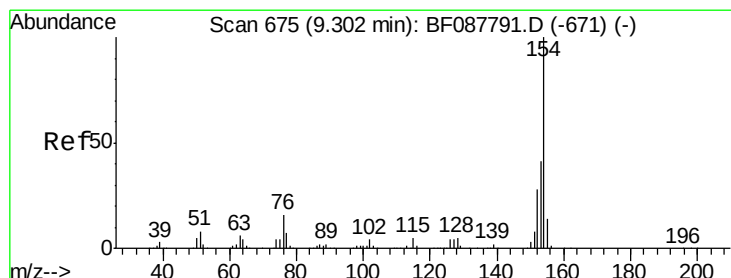
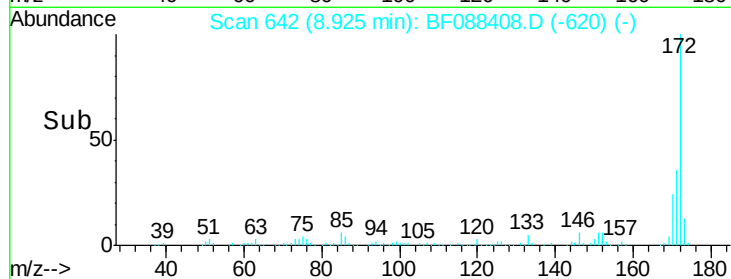
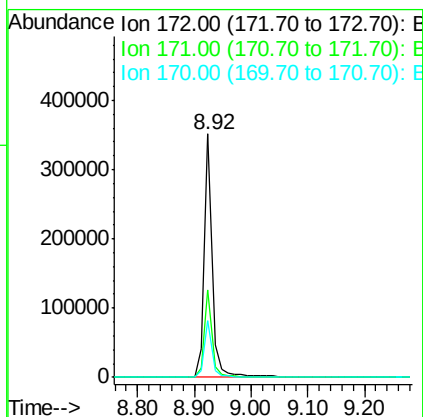
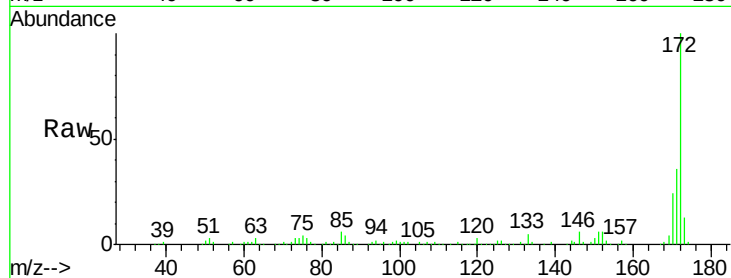




#44
2-Fluorobiphenyl
Concen: 44.23 ng
RT: 8.92 min Scan# 642
Delta R.T. -0.05 min
Lab File: BF088408.D
Acq: 26 Jun 2016 8:27

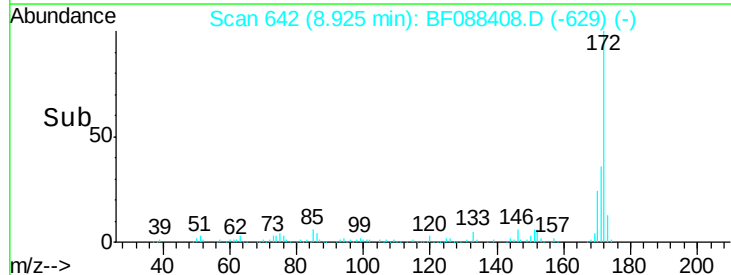
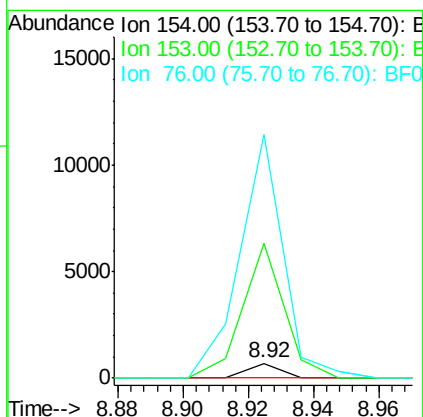
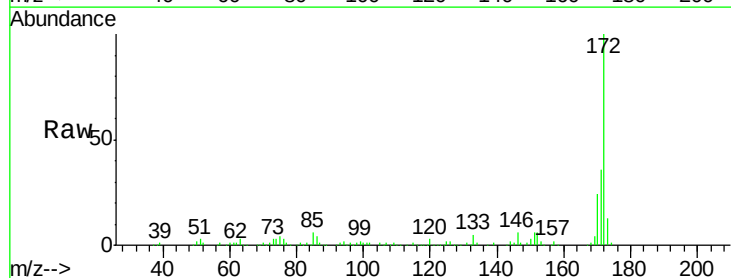
Instrument :
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GW-1RE

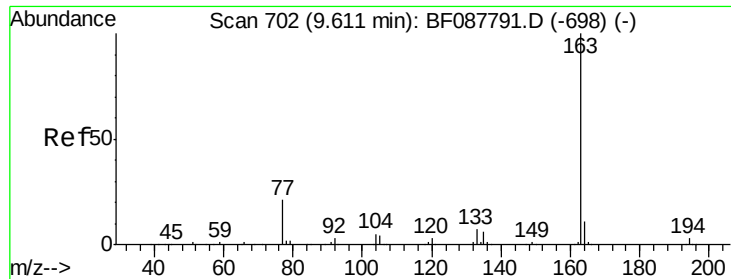
Tgt Ion:172 Resp: 334041
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 23.5 19.2 28.8



#45
1,1'-Biphenyl
Concen: Below Cal
RT: 8.92 min Scan# 642
Delta R.T. -0.15 min
Lab File: BF088408.D
Acq: 26 Jun 2016 8:27

Tgt Ion:154 Resp: 481
Ion Ratio Lower Upper
154 100
153 899.6 20.6 60.6#
76 1629.1 0.0 35.1#





#49

Dimethylphthalate

Concen: 5.17 ng

RT: 9.32 min Scan# 677

Delta R.T. -0.06 min

Lab File: BF088408.D

Acq: 26 Jun 2016 8:27

Instrument :

BNA_F

ClientSampleId :

GW-1RE

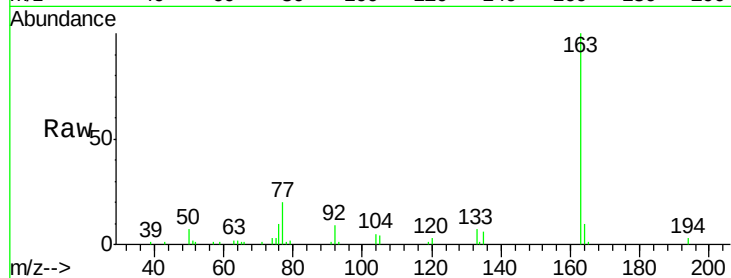
Tgt Ion:163 Resp: 41918

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

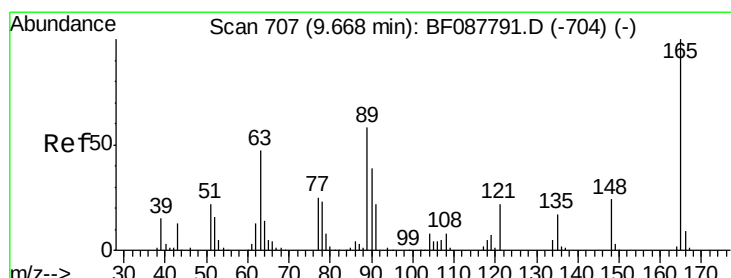
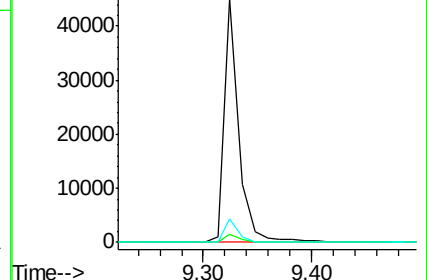
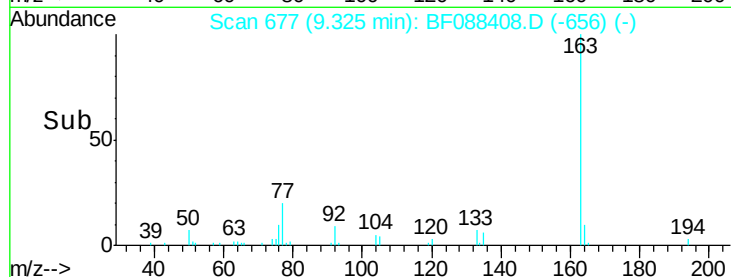
164 9.9 8.3 12.5



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



#50

2,6-Dinitrotoluene

Concen: 7.70 ng

RT: 9.59 min Scan# 700

Delta R.T. 0.14 min

Lab File: BF088408.D

Acq: 26 Jun 2016 8:27

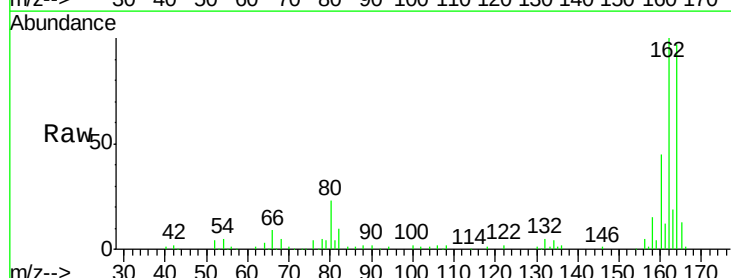
Tgt Ion:165 Resp: 14292

Ion Ratio Lower Upper

165 100

63 0.0 28.1 42.1#

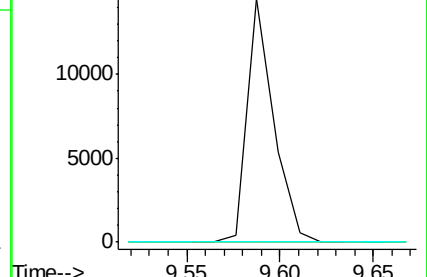
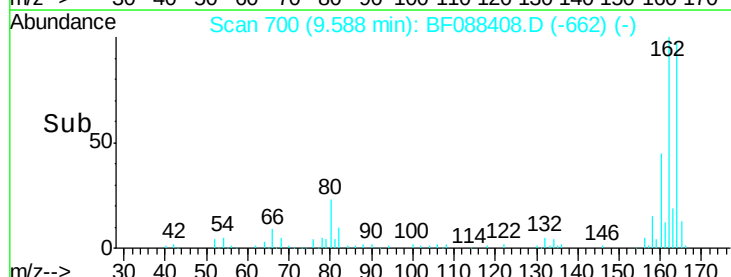
89 0.0 32.2 48.2#

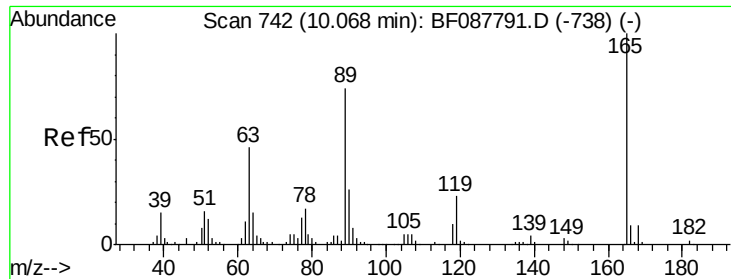


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

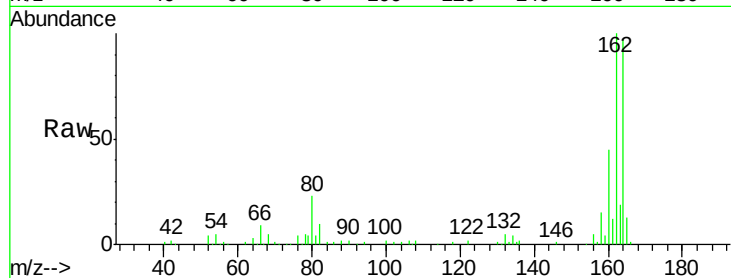




#56
 2,4-Dinitrotoluene
 Concen: 5.99 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.26 min
 Lab File: BF088408.D
 Acq: 26 Jun 2016 8:27

Instrument :
 BNA_F
 ClientSampleId :
 GW-1RE

Tgt Ion:	165	Resp:	14292
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#

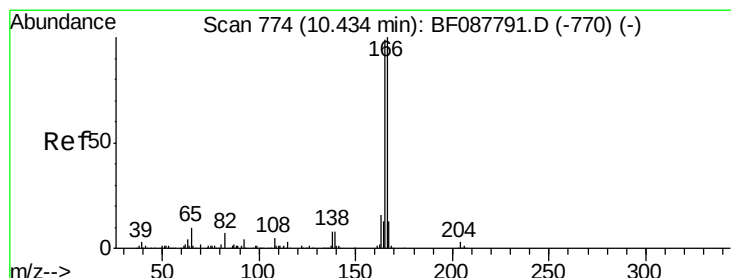
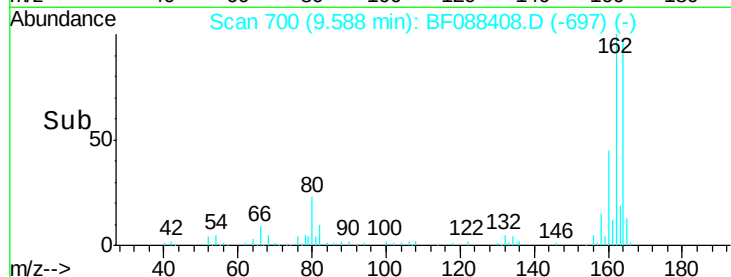
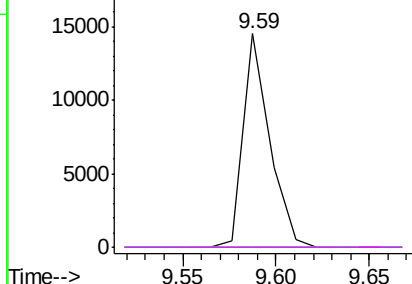


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

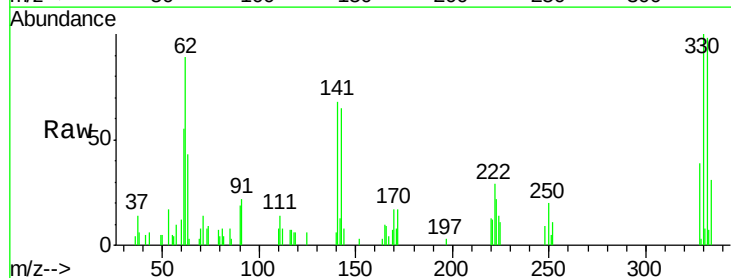
Ion 89.00 (88.70 to 89.70): BF0

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
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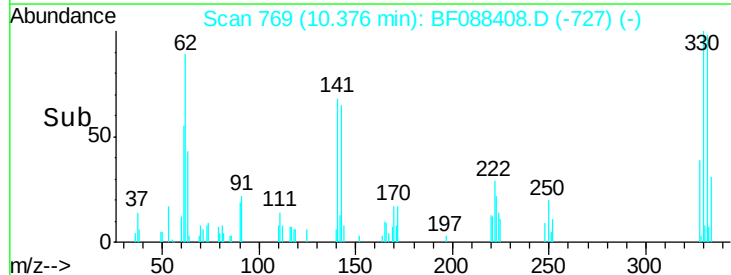
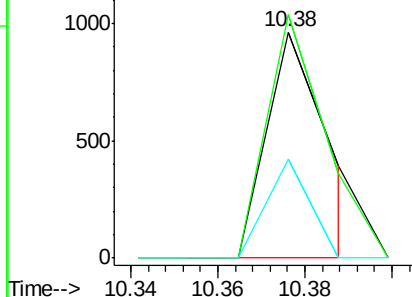
Tgt Ion:	166	Resp:	931
Ion Ratio	Lower	Upper	
166	100		
165	107.8	77.8	116.8
167	44.0	11.2	16.8#

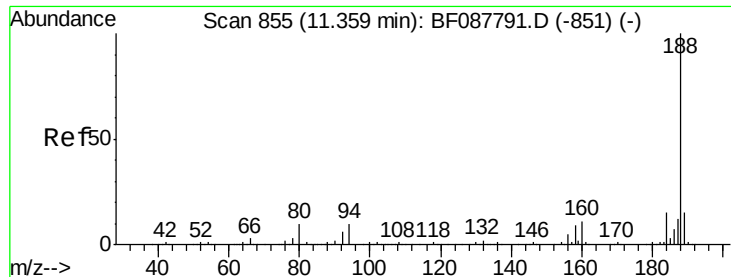


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

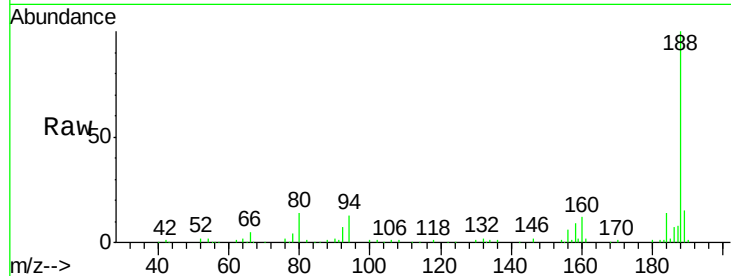




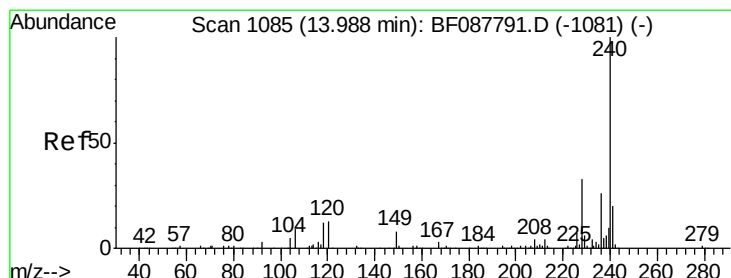
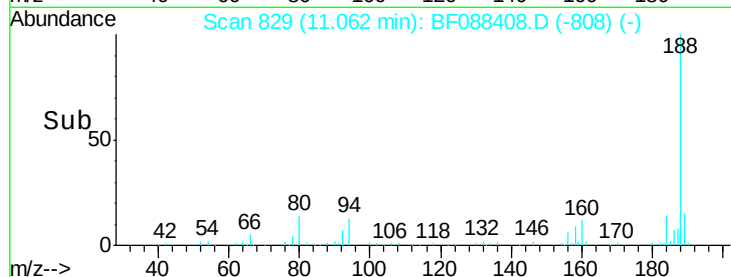
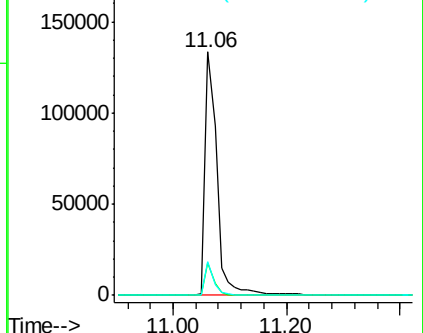
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.06 min
Lab File: BF088408.D
Acq: 26 Jun 2016 8:27

Instrument :
BNA_F
ClientSampleId :
GW-1RE

Tgt Ion:188 Resp: 186342
Ion Ratio Lower Upper
188 100
94 13.2 9.0 13.6
80 13.7 10.0 15.0

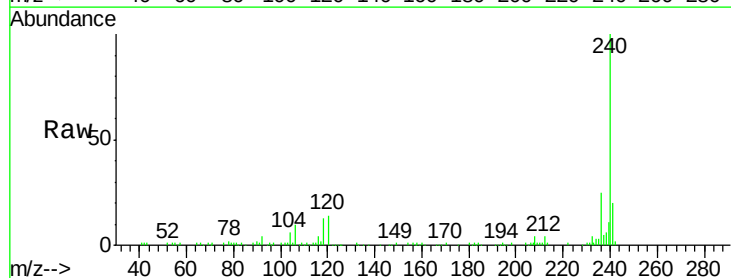


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

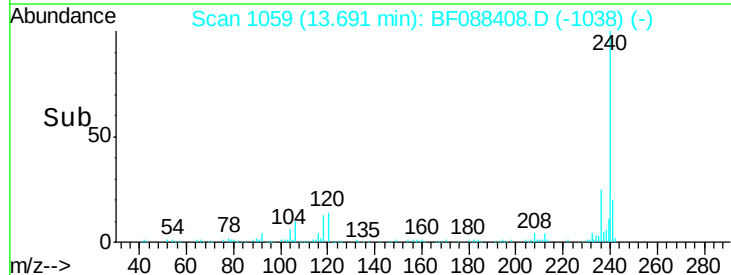
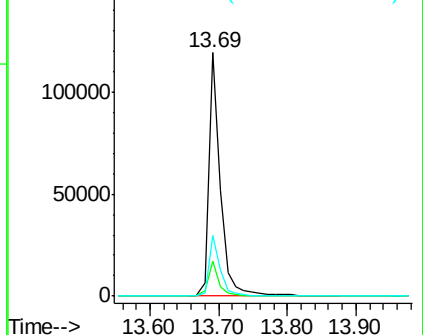


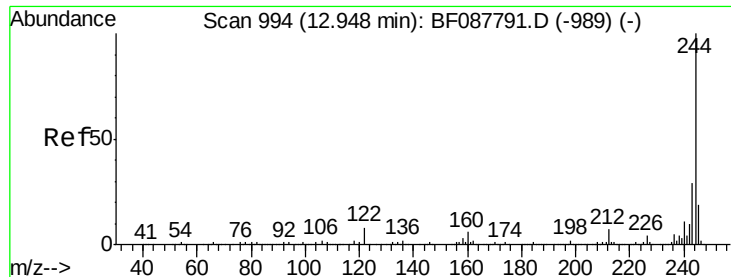
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1059
Delta R.T. -0.06 min
Lab File: BF088408.D
Acq: 26 Jun 2016 8:27

Tgt Ion:240 Resp: 139891
Ion Ratio Lower Upper
240 100
120 14.2 6.8 10.2#
236 25.0 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

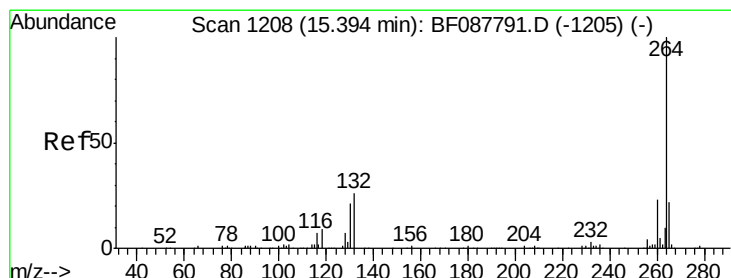
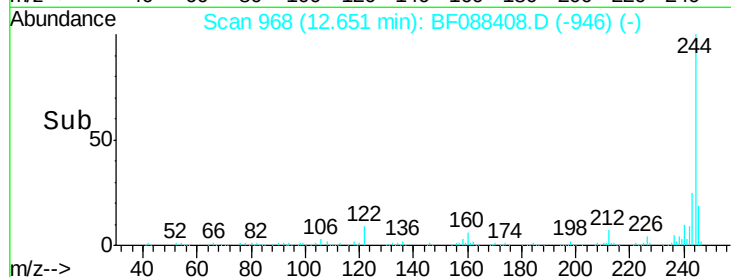
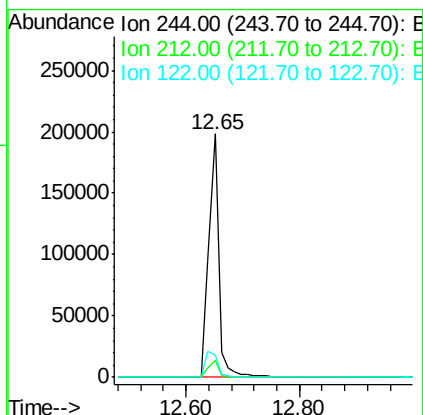
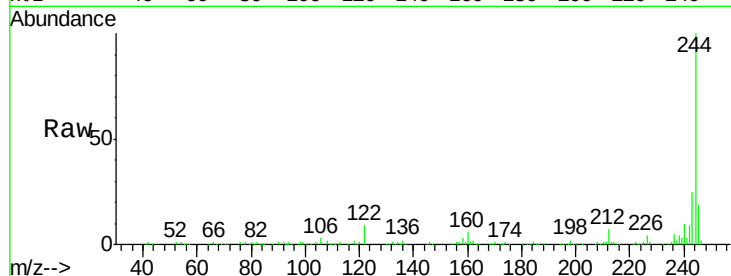




#78
 Terphenyl-d14
 Concen: 37.67 ng
 RT: 12.65 min Scan# 968
 Delta R.T. -0.05 min
 Lab File: BF088408.D
 Acq: 26 Jun 2016 8:27

Instrument :
 BNA_F
 ClientSampleId :
 GW-1RE

Tgt Ion:244 Resp: 231608
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 9.0 11.2 16.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1178
 Delta R.T. -0.06 min
 Lab File: BF088408.D
 Acq: 26 Jun 2016 8:27

Tgt Ion:264 Resp: 116676
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.4 16.9 25.3

