

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082416\
 Data File : BF089886.D
 Acq On : 24 Aug 2016 20:27
 Operator : UM/SJ
 Sample : H4577-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-MW05-081816

Quant Time: Aug 25 12:21:42 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 14:02:57 2016
 Response via : Initial Calibration

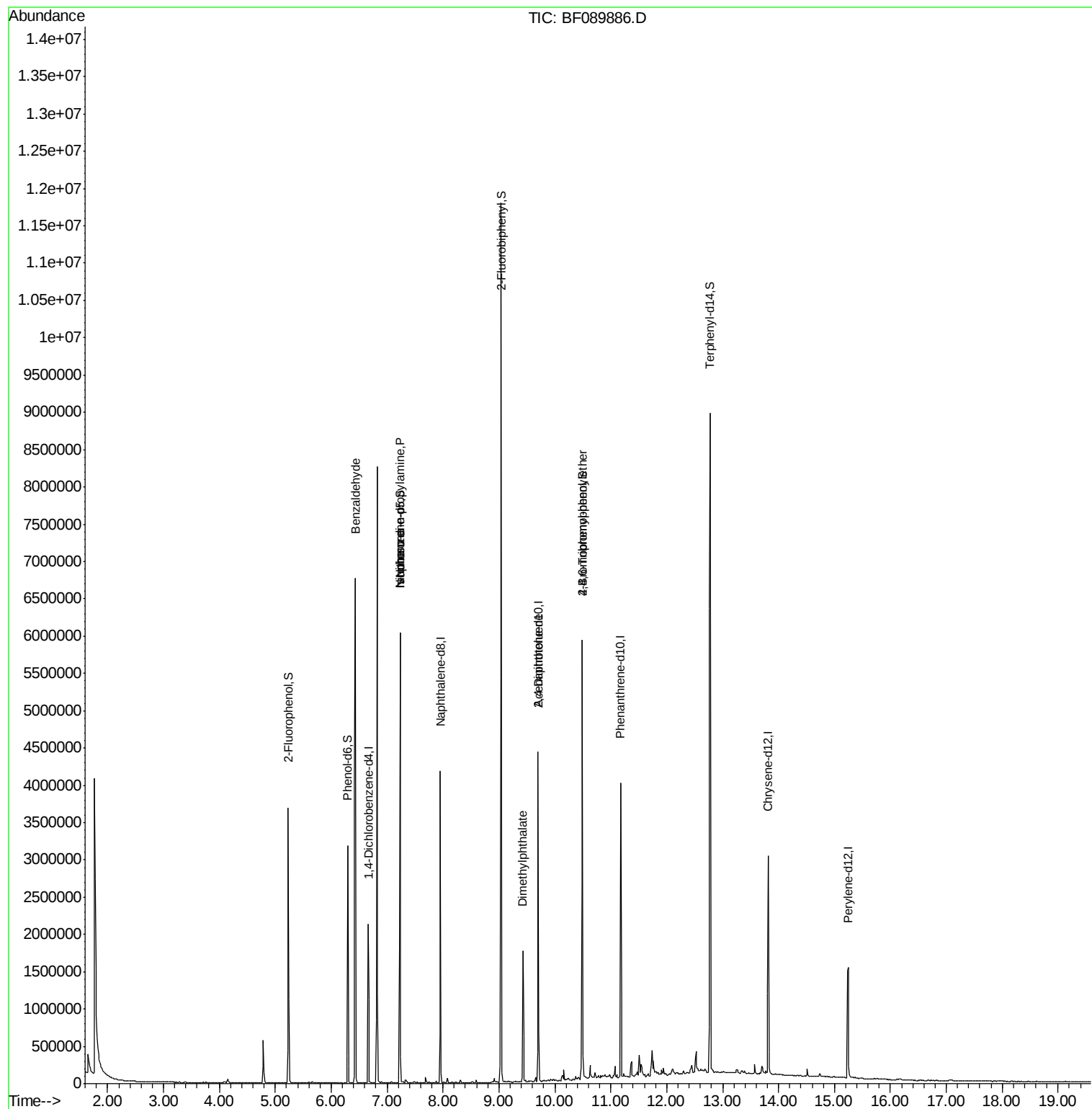
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	391608	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	1744306	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	809361	20.00	ng	-0.01
63) Phenanthrene-d10	11.18	188	1418226	20.00	ng	-0.01
75) Chrysene-d12	13.82	240	1067852	20.00	ng	-0.06
86) Perylene-d12	15.25	264	840938	20.00	ng	-0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1155445	50.60	ng	-0.02
7) Phenol-d6	6.30	99	988676	35.27	ng	-0.02
23) Nitrobenzene-d5	7.23	82	2022954	72.05	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	783858	101.91	ng	-0.01
44) 2-Fluorobiphenyl	9.04	172	3976267	86.35	ng	-0.01
78) Terphenyl-d14	12.78	244	3468723	73.49	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.43	77	48159	2.64	ng	Qvalue 92
19) n-Nitroso-di-n-propylamine	7.23	70	271592	15.15	ng	# 73
25) Isophorone	7.23	82	1561785	27.58	ng	# 67
49) Dimethylphthalate	9.43	163	772155	13.55	ng	99
56) 2,4-Dinitrotoluene	9.70	165	107417	6.29	ng	# 35
66) 4-Bromophenyl-phenylether	10.49	248	48547	3.26	ng	# 1

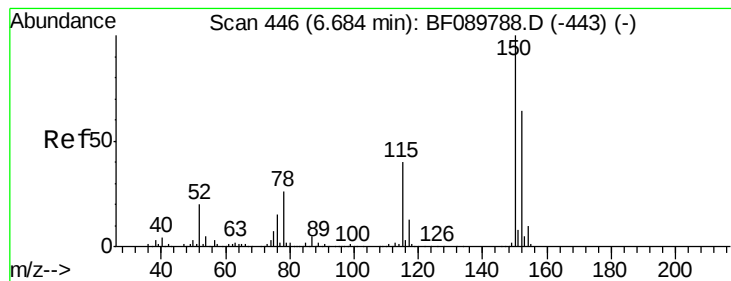
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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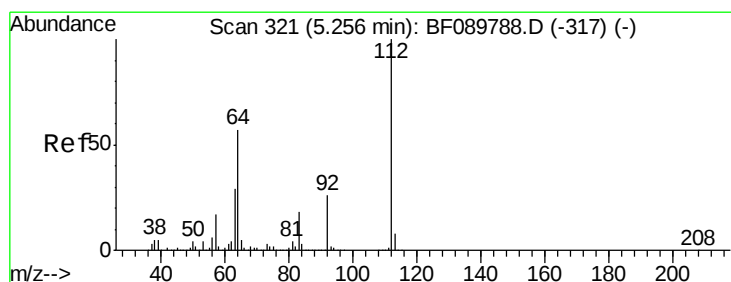
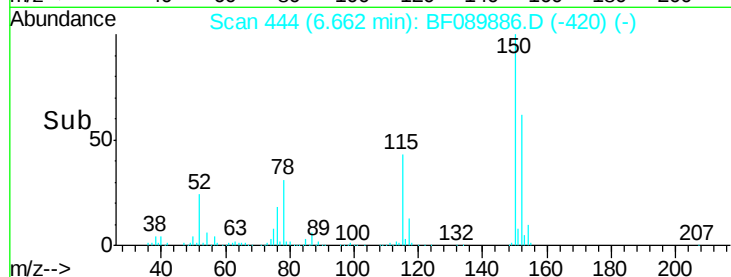
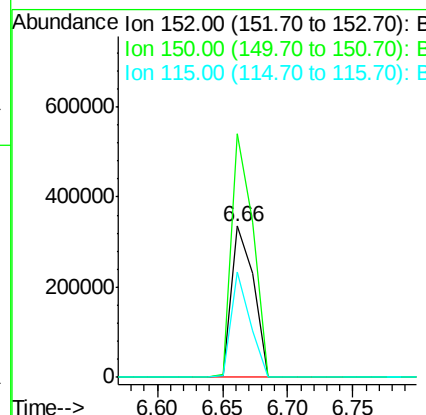
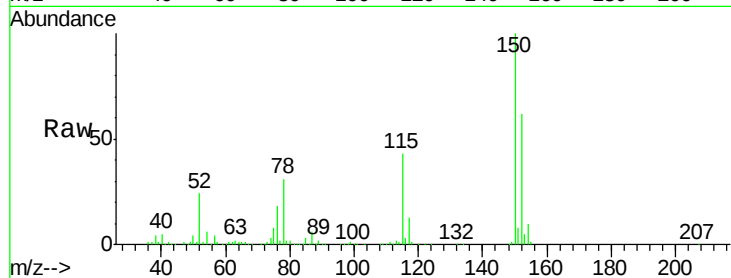




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.66 min Scan# 444
 Delta R.T. -0.02 min
 Lab File: BF089886.D
 Acq: 24 Aug 2016 20:27

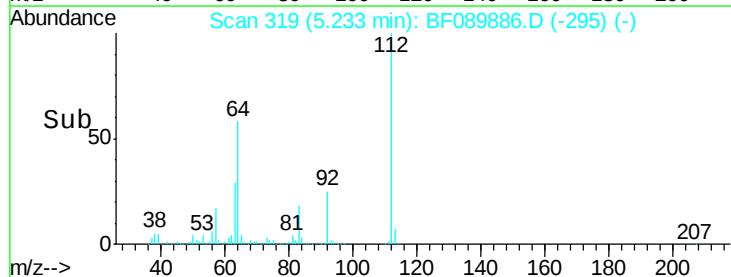
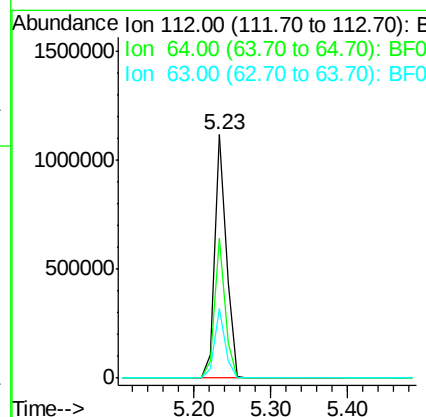
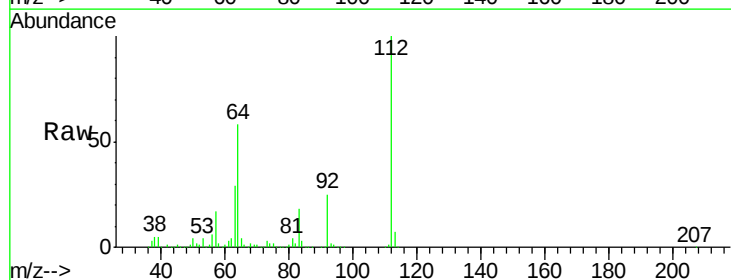
Instrument :
 BNA_F
 ClientSampleId :
 GW-MW05-081816

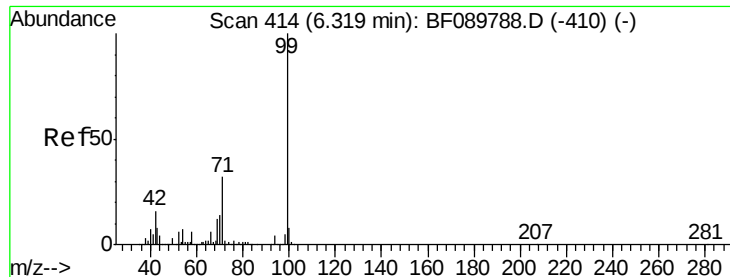
Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.0	125.3	187.9
115	69.4	40.9	61.3



#5
 2-Fluorophenol
 Concen: 50.60 ng
 RT: 5.23 min Scan# 319
 Delta R.T. -0.02 min
 Lab File: BF089886.D
 Acq: 24 Aug 2016 20:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.7	45.0	67.4
63	28.7	23.1	34.7





#7

Phenol-d6

Concen: 35.27 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.02 min

Lab File: BF089886.D

Acq: 24 Aug 2016 20:27

Instrument :

BNA_F

ClientSampleId :

GW-MW05-081816

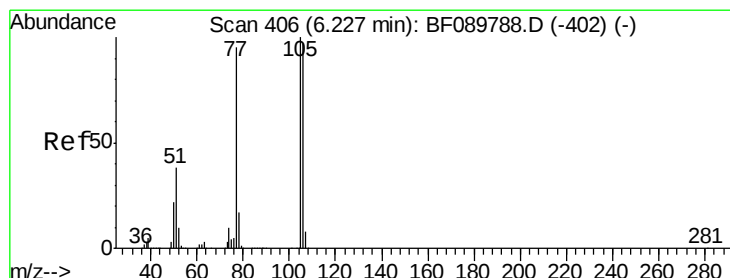
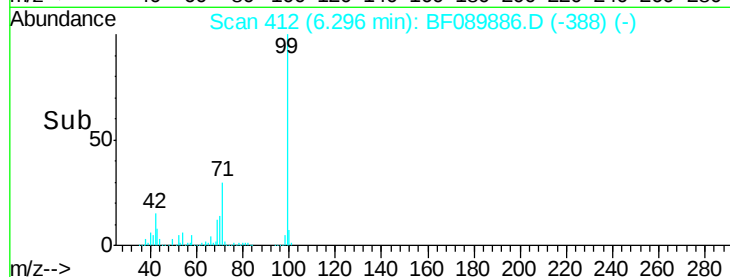
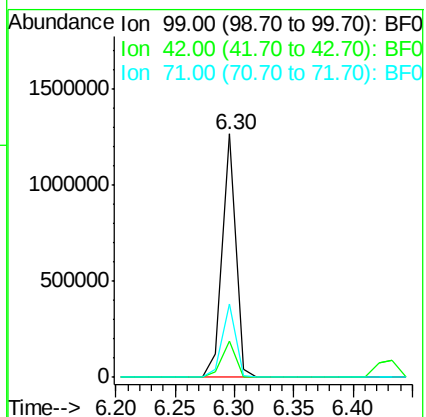
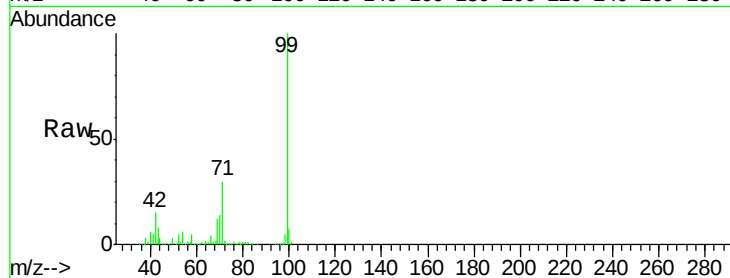
Tgt Ion: 99 Resp: 988676

Ion Ratio Lower Upper

99 100

42 15.0 12.2 18.4

71 30.0 23.8 35.8



#9

Benzaldehyde

Concen: 2.64 ng

RT: 6.43 min Scan# 424

Delta R.T. 0.21 min

Lab File: BF089886.D

Acq: 24 Aug 2016 20:27

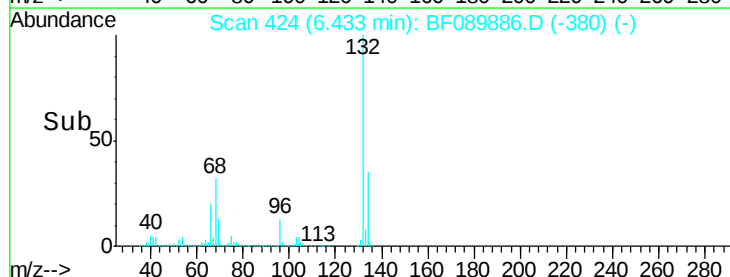
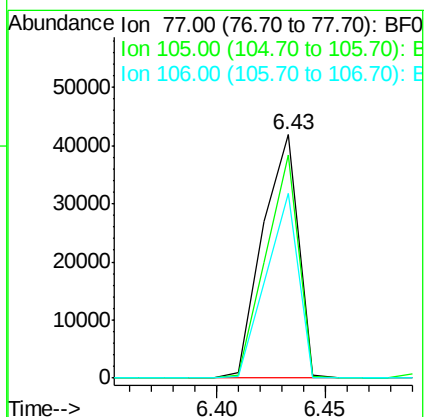
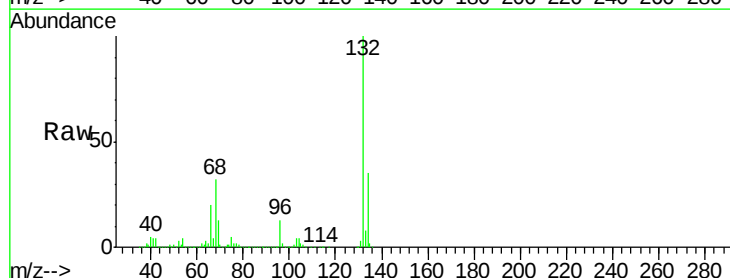
Tgt Ion: 77 Resp: 48159

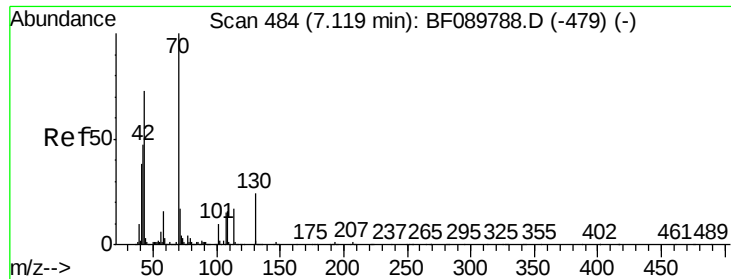
Ion Ratio Lower Upper

77 100

105 91.4 73.3 113.3

106 76.0 68.6 108.6

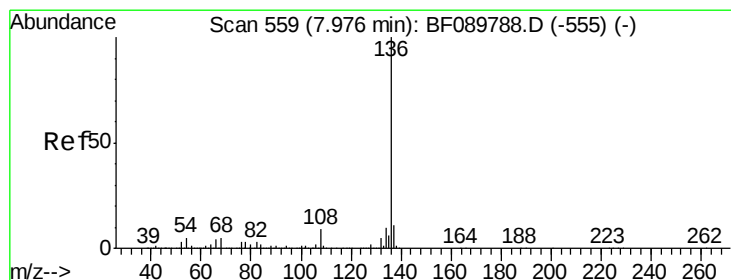
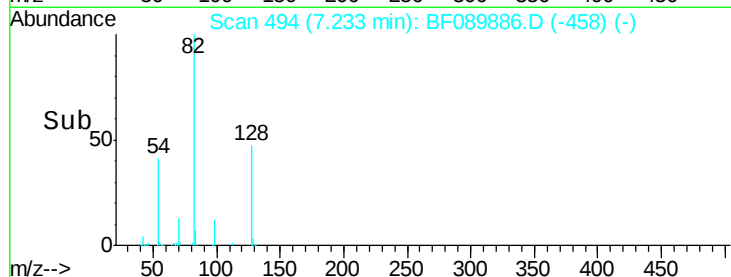
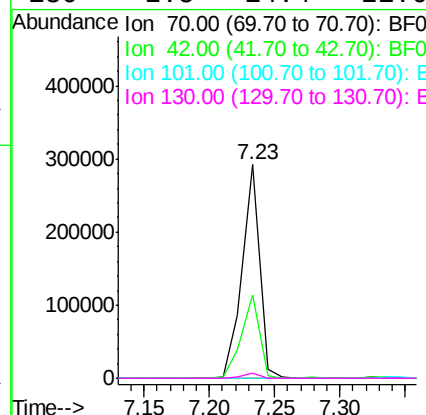
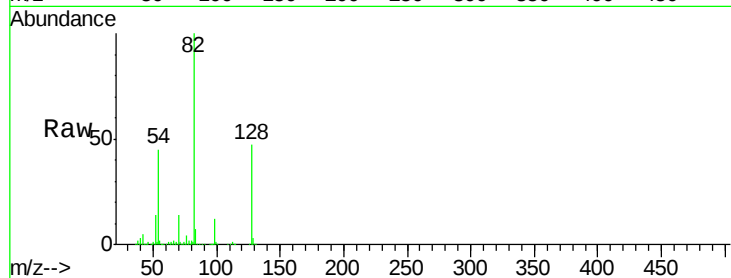




#19
n-Nitroso-di-n-propylamine
Concen: 15.15 ng
RT: 7.23 min Scan# 494
Delta R.T. 0.11 min
Lab File: BF089886.D
Acq: 24 Aug 2016 20:27

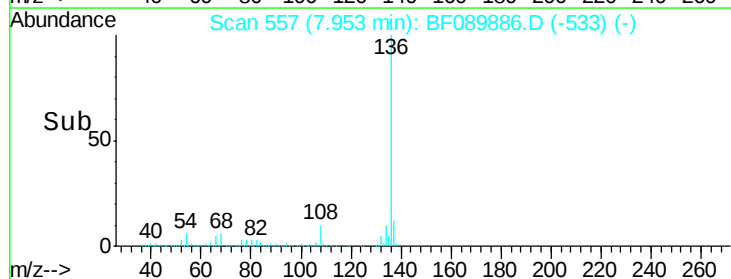
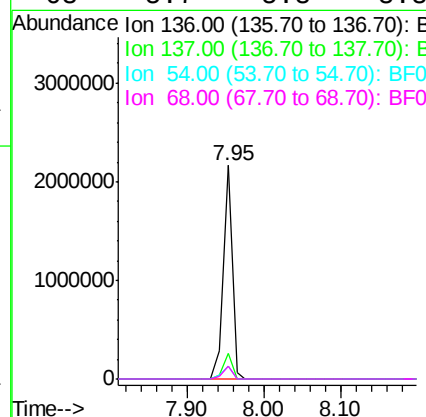
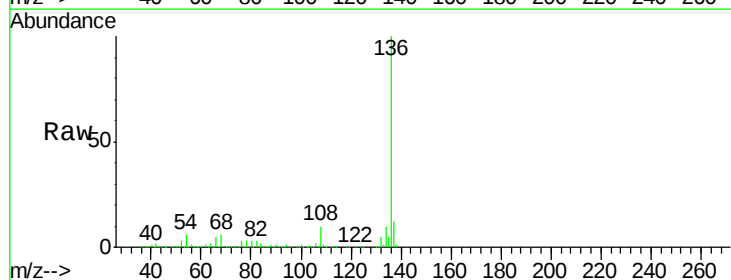
Instrument :
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ClientSampleId :
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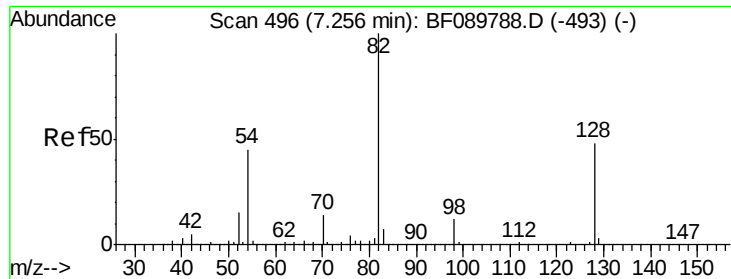
Tgt Ion:	70	Resp:	271592
Ion	Ratio	Lower	Upper
70	100		
42	39.2	46.3	69.5#
101	0.0	7.0	10.6#
130	2.5	14.4	21.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF089886.D
Acq: 24 Aug 2016 20:27

Tgt Ion:	136	Resp:	1744306
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.2	13.8
54	6.0	7.2	10.8#
68	5.7	5.8	8.8#

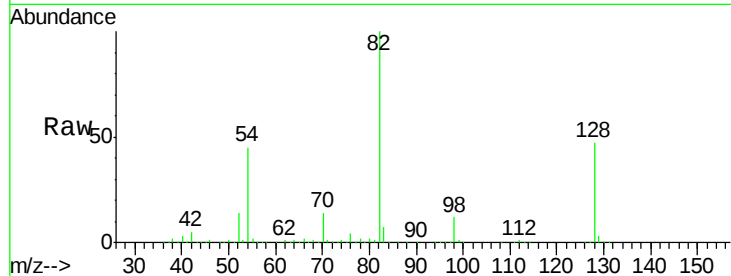




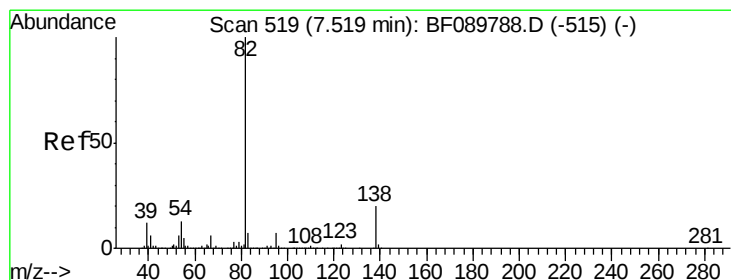
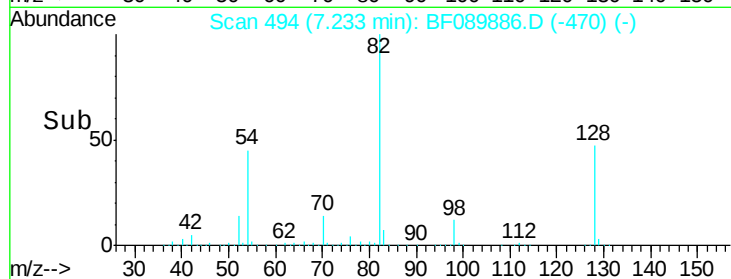
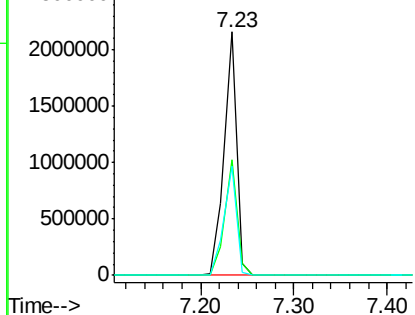
#23
 Nitrobenzene-d5
 Concen: 72.05 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.02 min
 Lab File: BF089886.D
 Acq: 24 Aug 2016 20:27

Instrument :
 BNA_F
 ClientSampleId :
 GW-MW05-081816

Tgt Ion: 82 Resp: 2022954
 Ion Ratio Lower Upper
 82 100
 128 47.3 34.4 51.6
 54 44.9 40.3 60.5

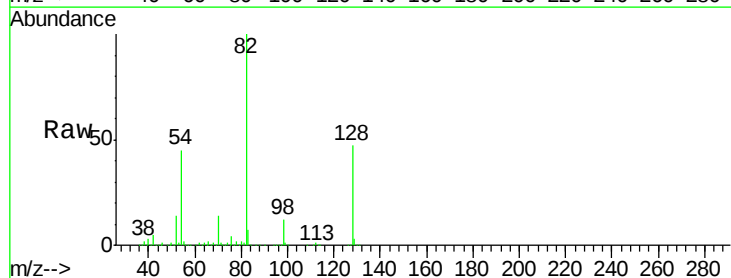


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

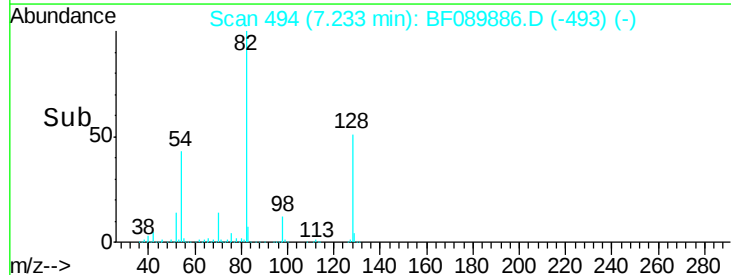
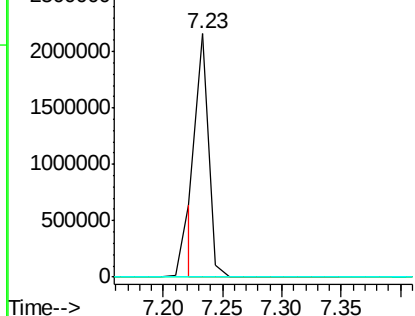


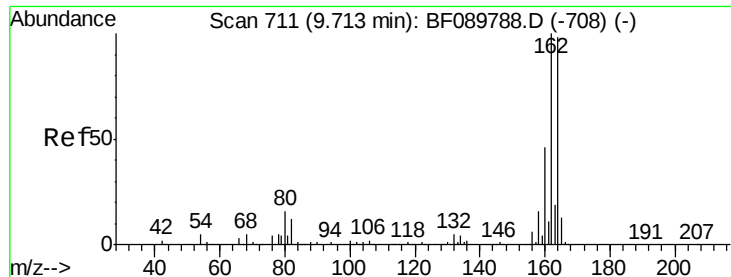
#25
 Isophorone
 Concen: 27.58 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.29 min
 Lab File: BF089886.D
 Acq: 24 Aug 2016 20:27

Tgt Ion: 82 Resp: 1561785
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.0 19.4#



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: 9.70 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF089886.D

Acq: 24 Aug 2016 20:27

Instrument :

BNA_F

ClientSampleId :

GW-MW05-081816

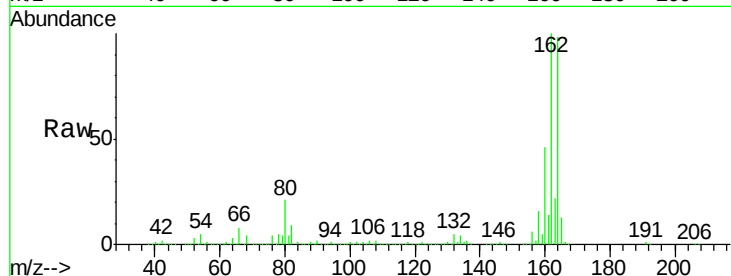
Tgt Ion:164 Resp: 809361

Ion Ratio Lower Upper

164 100

162 102.0 81.4 122.2

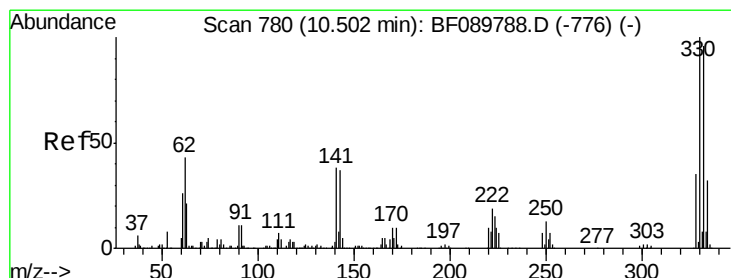
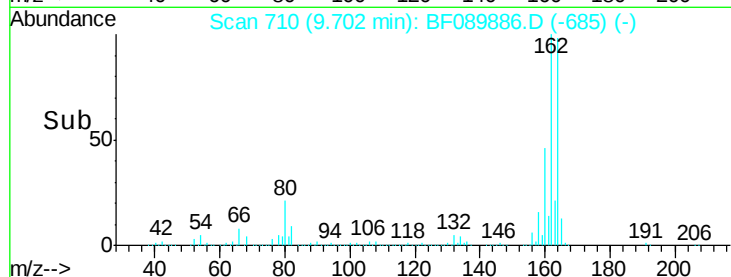
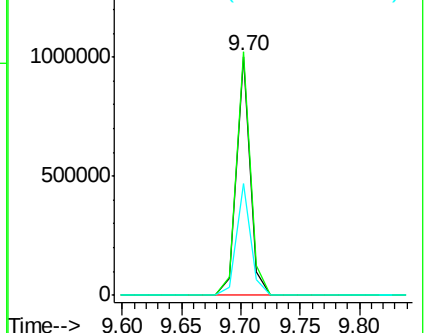
160 46.9 37.8 56.6



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: 101.91 ng

RT: 10.49 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF089886.D

Acq: 24 Aug 2016 20:27

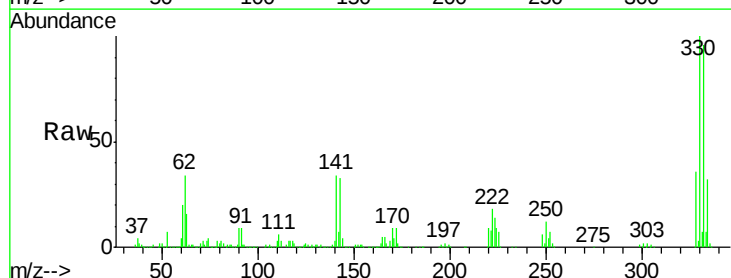
Tgt Ion:330 Resp: 783858

Ion Ratio Lower Upper

330 100

332 95.3 76.7 115.1

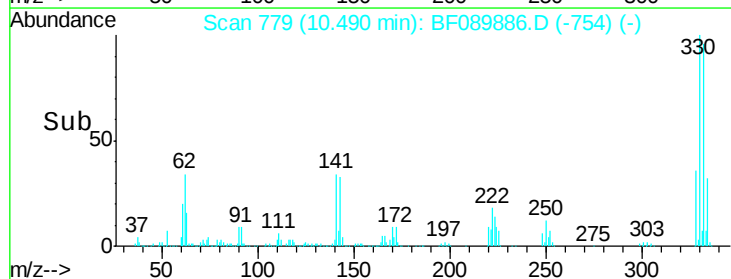
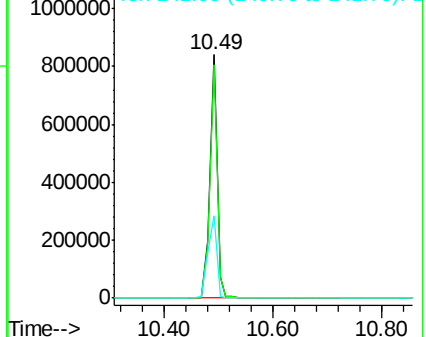
141 39.9 30.2 45.2

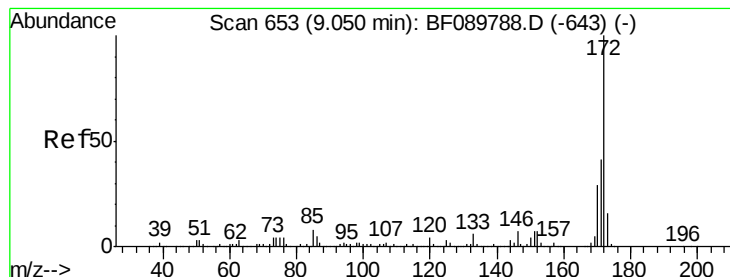


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

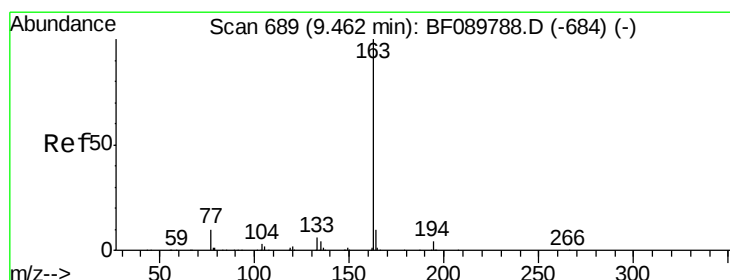
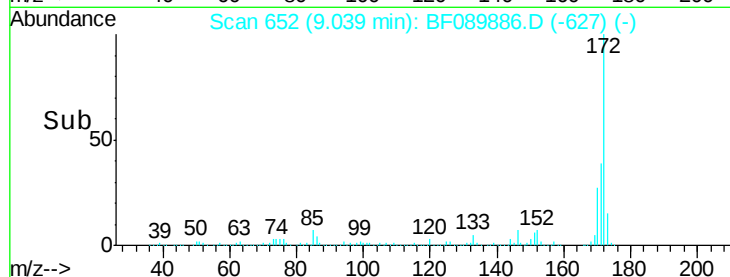
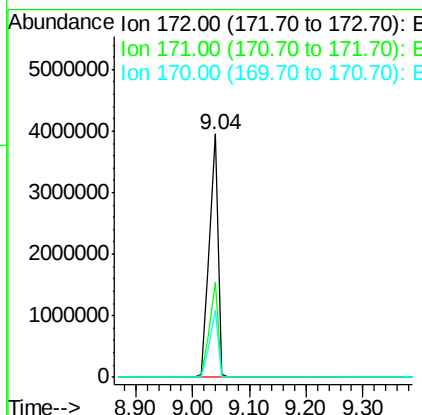
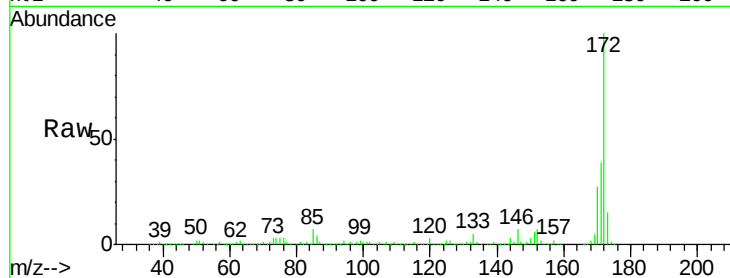




#44
 2-Fluorobiphenyl
 Concen: 86.35 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF089886.D
 Acq: 24 Aug 2016 20:27

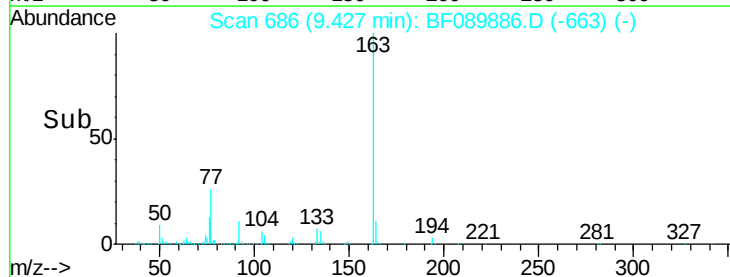
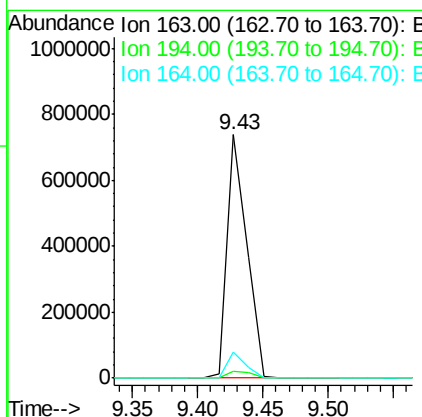
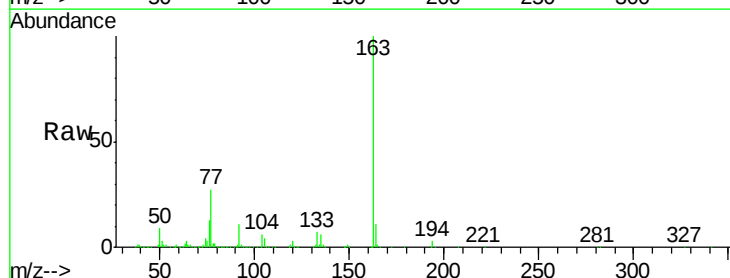
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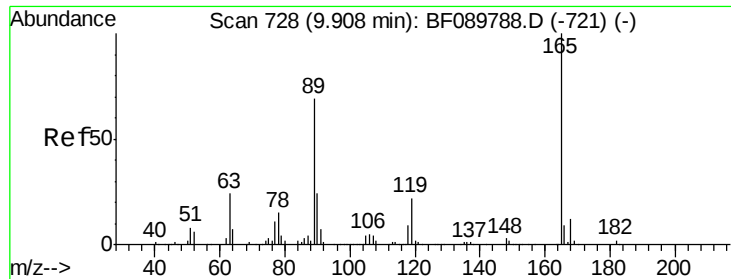
Tgt Ion:172 Resp: 3976267
 Ion Ratio Lower Upper
 172 100
 171 39.2 30.5 45.7
 170 27.4 20.6 31.0



#49
 Dimethylphthalate
 Concen: 13.55 ng
 RT: 9.43 min Scan# 686
 Delta R.T. -0.03 min
 Lab File: BF089886.D
 Acq: 24 Aug 2016 20:27

Tgt Ion:163 Resp: 772155
 Ion Ratio Lower Upper
 163 100
 194 2.8 2.6 3.8
 164 10.8 8.6 12.8

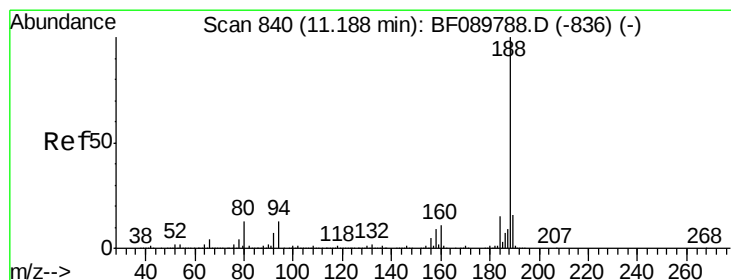
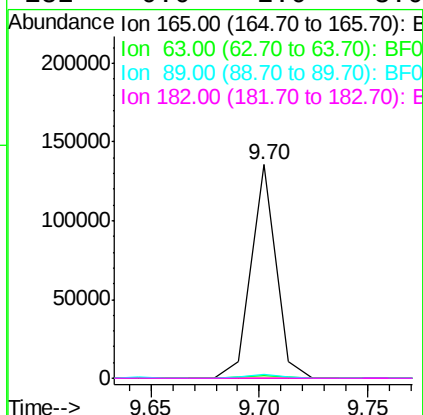
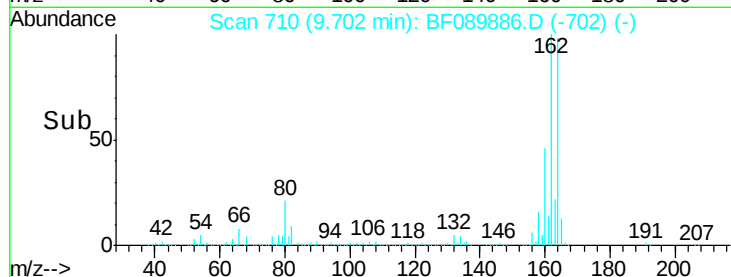
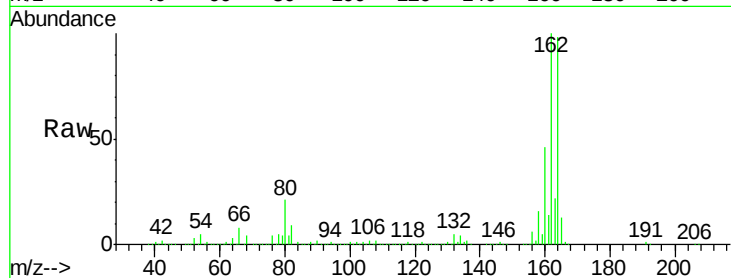




#56
 2,4-Dinitrotoluene
 Concen: 6.29 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.21 min
 Lab File: BF089886.D
 Acq: 24 Aug 2016 20:27

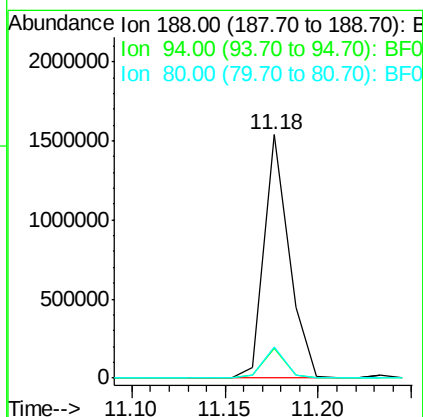
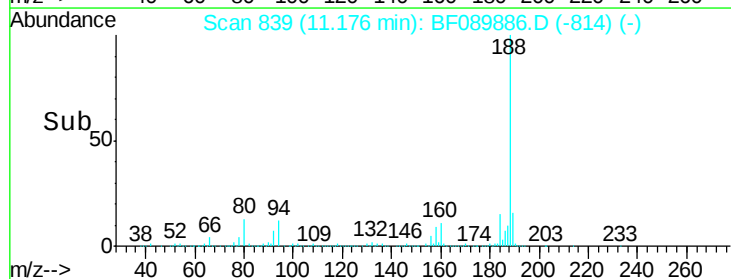
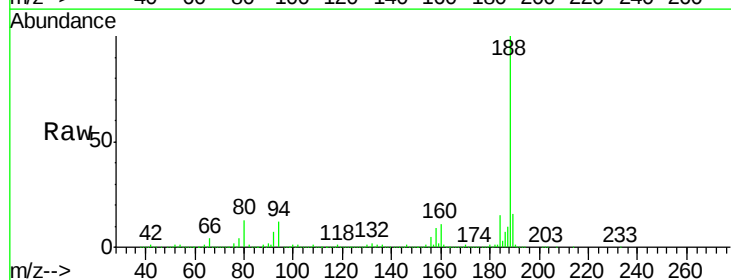
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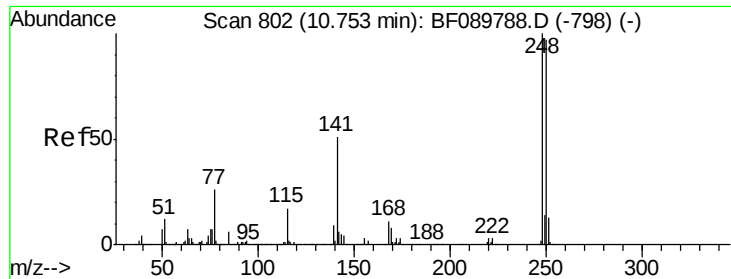
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	23.7	35.5#
89	1.6	44.0	66.0#
182	0.0	2.0	3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.18 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BF089886.D
 Acq: 24 Aug 2016 20:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.1	10.2	15.2
80	12.7	10.9	16.3

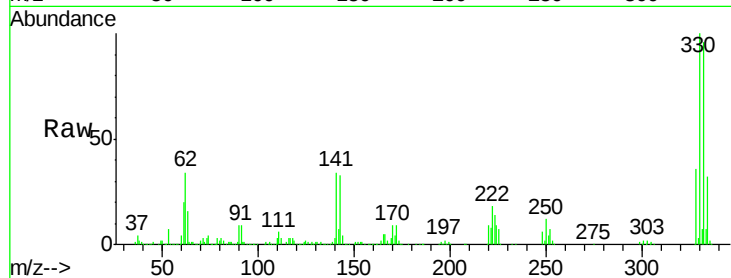




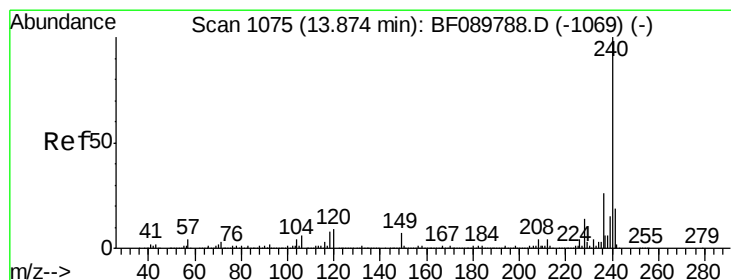
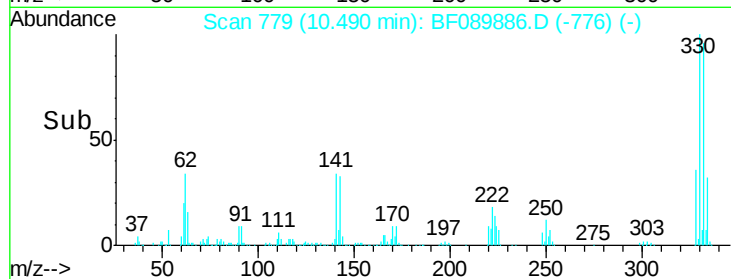
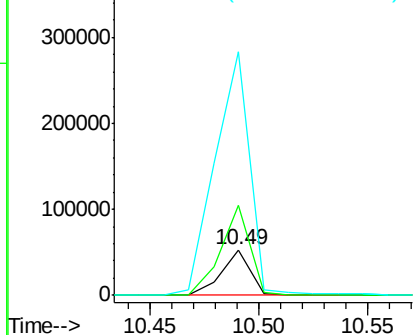
#66
 4-Bromophenyl-phenylether
 Concen: 3.26 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.26 min
 Lab File: BF089886.D
 Acq: 24 Aug 2016 20:27

Instrument :
 BNA_F
 ClientSampleId :
 GW-MW05-081816

Tgt Ion:248 Resp: 48547
 Ion Ratio Lower Upper
 248 100
 250 197.3 78.6 117.8#
 141 535.3 31.4 47.2#

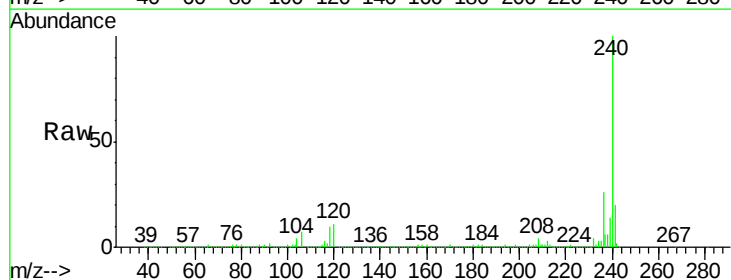


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

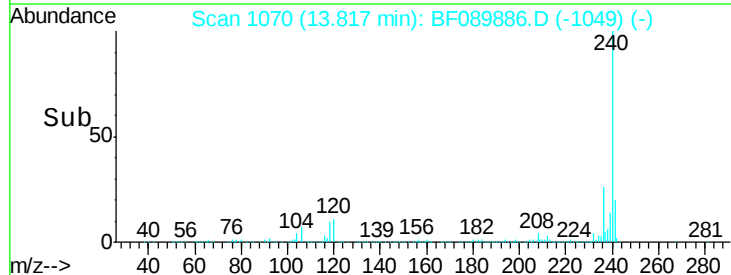
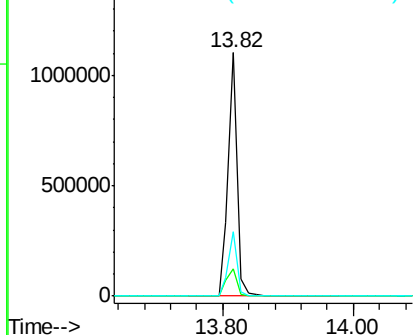


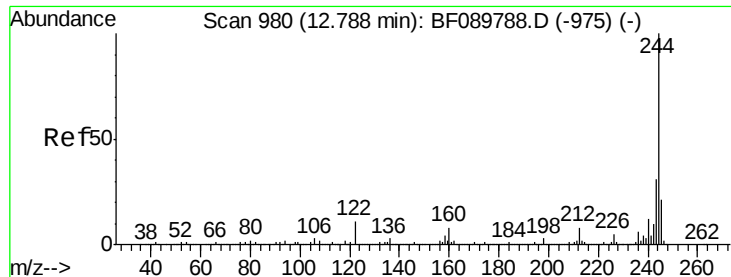
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.82 min Scan# 1070
 Delta R.T. -0.06 min
 Lab File: BF089886.D
 Acq: 24 Aug 2016 20:27

Tgt Ion:240 Resp: 1067852
 Ion Ratio Lower Upper
 240 100
 120 11.4 8.3 12.5
 236 26.3 21.3 31.9



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: 73.49 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF089886.D

Acq: 24 Aug 2016 20:27

Instrument :

BNA_F

ClientSampleId :

GW-MW05-081816

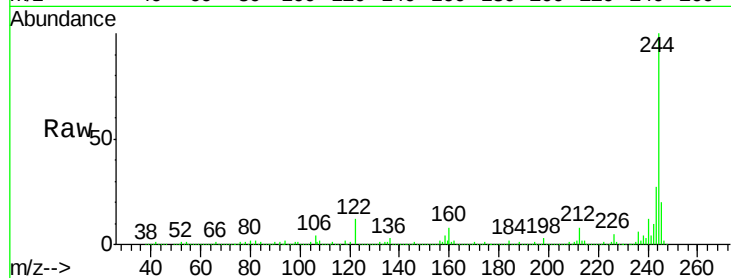
Tgt Ion:244 Resp: 3468723

Ion Ratio Lower Upper

244 100

212 8.0 6.3 9.5

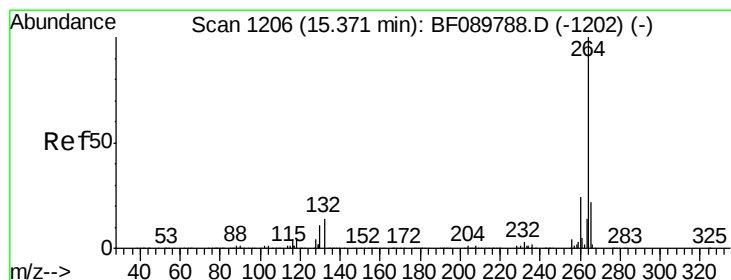
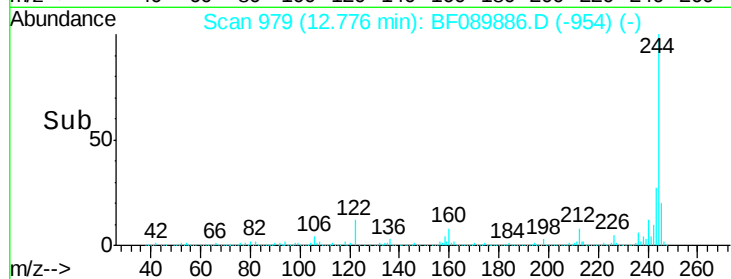
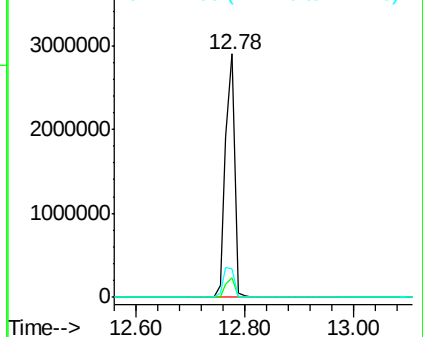
122 11.7 12.0 18.0#



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: 15.25 min Scan# 1195

Delta R.T. -0.13 min

Lab File: BF089886.D

Acq: 24 Aug 2016 20:27

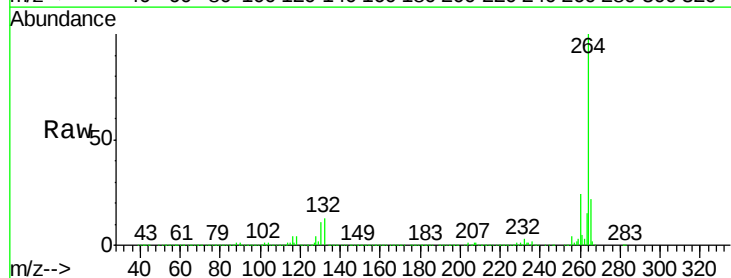
Tgt Ion:264 Resp: 840938

Ion Ratio Lower Upper

264 100

260 24.0 20.2 30.2

265 21.9 17.4 26.2



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

