

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080216\
 Data File : BF089560.D
 Acq On : 2 Aug 2016 21:40
 Operator : UM/SJ
 Sample : H4269-21
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-56-15.0-19.5

Quant Time: Aug 03 01:08:39 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

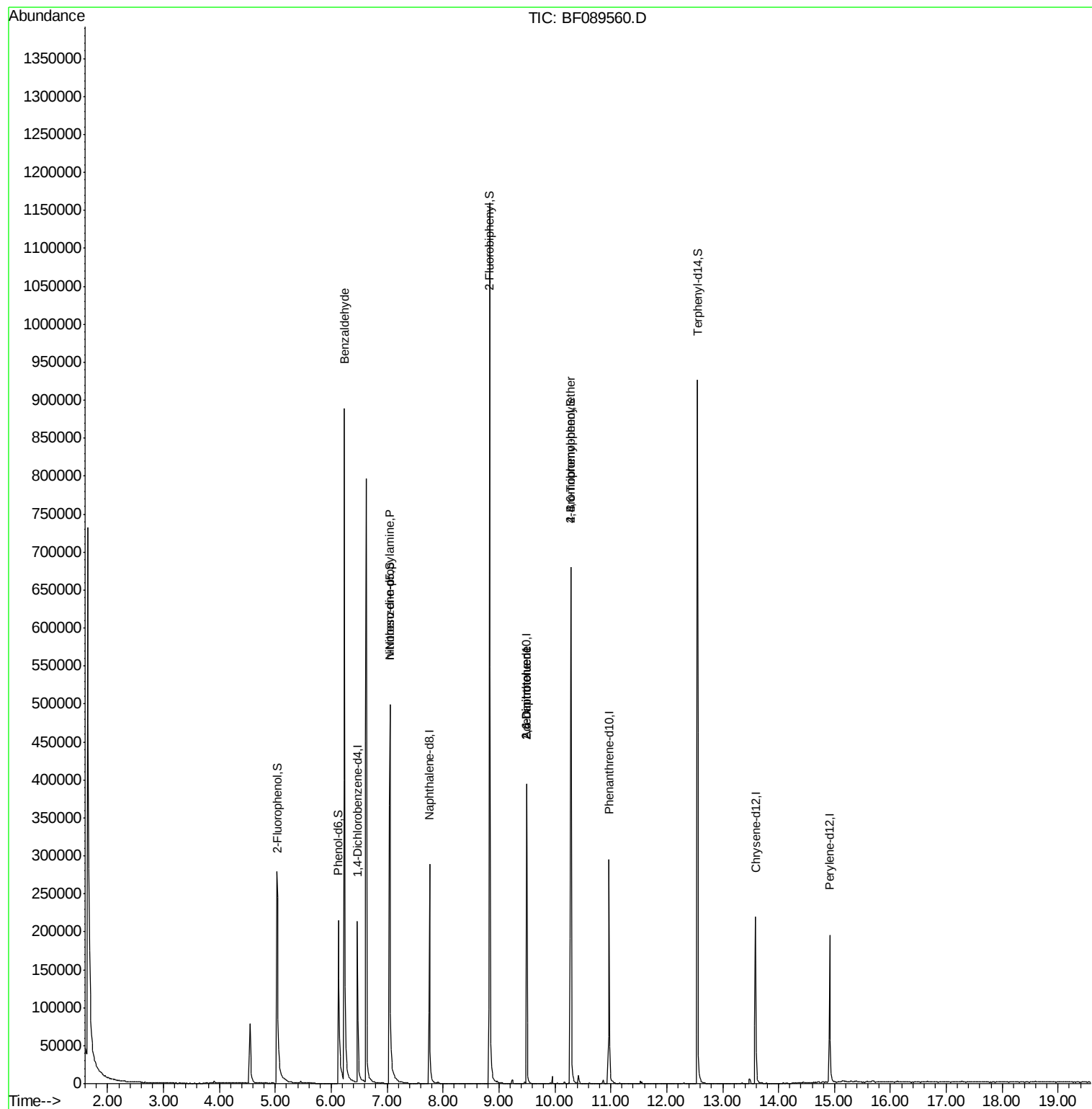
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.47	152	44618	20.00	ng	-0.08
21) Naphthalene-d8	7.76	136	171758	20.00	ng	-0.07
38) Acenaphthene-d10	9.50	164	77376	20.00	ng	-0.08
63) Phenanthrene-d10	10.97	188	129551	20.00	ng	-0.08
75) Chrysene-d12	13.59	240	93413	20.00	ng	-0.08
86) Perylene-d12	14.91	264	85244	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	163853	58.64	ng	-0.07
7) Phenol-d6	6.12	99	144481	39.12	ng	-0.08
23) Nitrobenzene-d5	7.05	82	286266	98.38	ng	-0.07
41) 2,4,6-Tribromophenol	10.28	330	75965	118.54	ng	-0.08
44) 2-Fluorobiphenyl	8.83	172	461372	87.51	ng	-0.08
78) Terphenyl-d14	12.55	244	347903	87.17	ng	-0.08
Target Compounds						
9) Benzaldehyde	6.24	77	7284	4.04	ng	# 81
19) n-Nitroso-di-n-propylamine	7.05	70	36625	16.45	ng	# 77
50) 2,6-Dinitrotoluene	9.50	165	9211	7.61	ng	# 24
56) 2,4-Dinitrotoluene	9.50	165	9211	5.78	ng	# 7
66) 4-Bromophenyl-phenylether	10.28	248	5728	4.63	ng	# 1

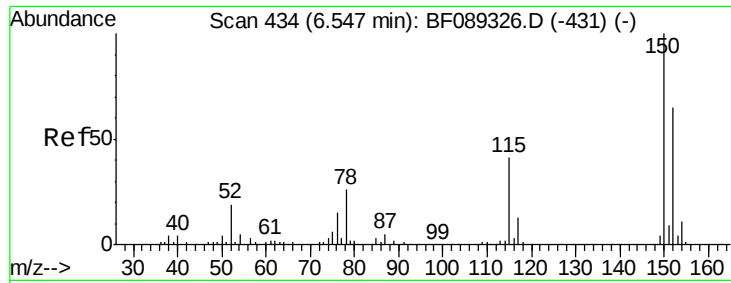
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 28 16:02:32 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.08 min

Lab File: BF089560.D

Acq: 2 Aug 2016 21:40

Instrument :

BNA_F

ClientSampleId :

GW-56-15.0-19.5

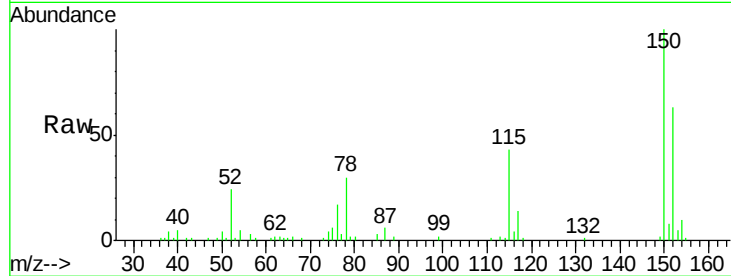
Tgt Ion:152 Resp: 44618

Ion Ratio Lower Upper

152 100

150 157.8 129.5 194.3

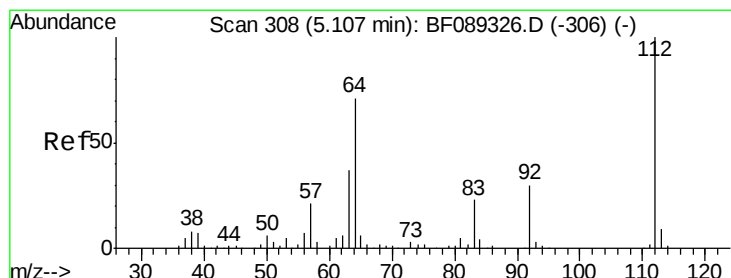
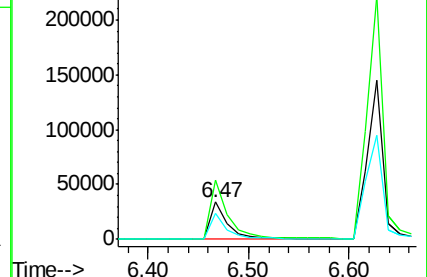
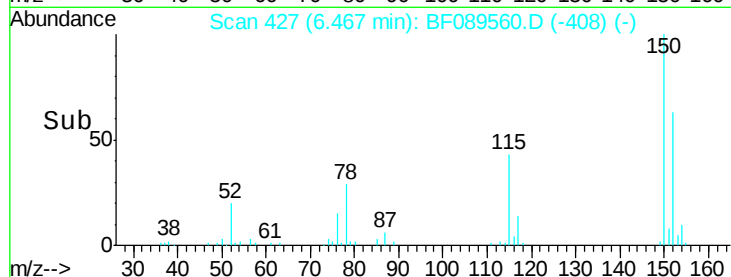
115 68.2 51.4 77.2



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: 58.64 ng

RT: 5.04 min Scan# 302

Delta R.T. -0.07 min

Lab File: BF089560.D

Acq: 2 Aug 2016 21:40

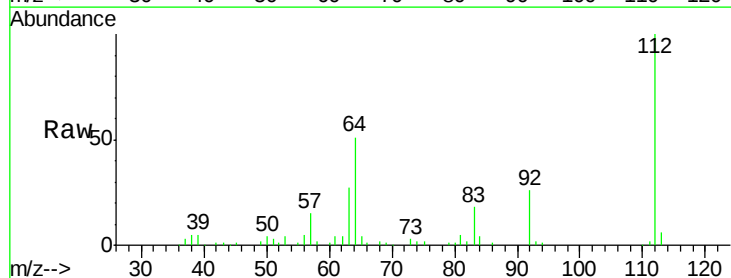
Tgt Ion:112 Resp: 163853

Ion Ratio Lower Upper

112 100

64 50.8 55.0 82.6#

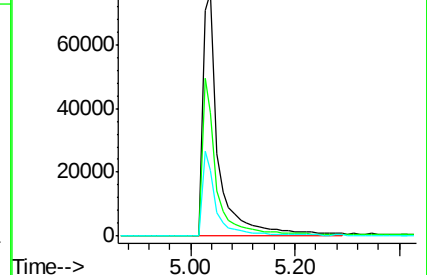
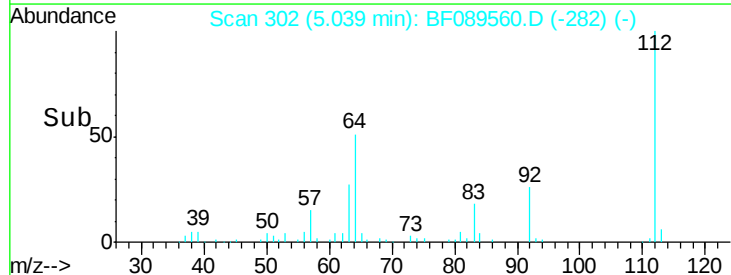
63 26.8 29.4 44.2#

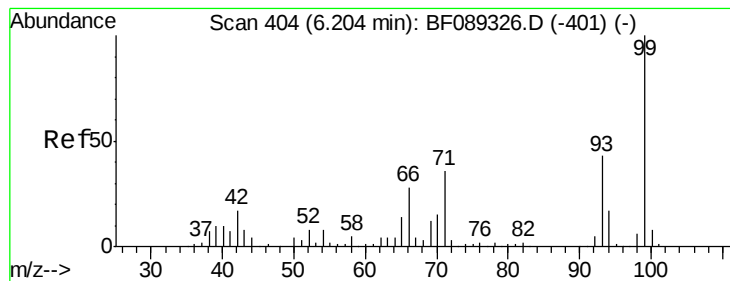


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 39.12 ng

RT: 6.12 min Scan# 397

Delta R.T. -0.08 min

Lab File: BF089560.D

Acq: 2 Aug 2016 21:40

Instrument :

BNA_F

ClientSampleId :

GW-56-15.0-19.5

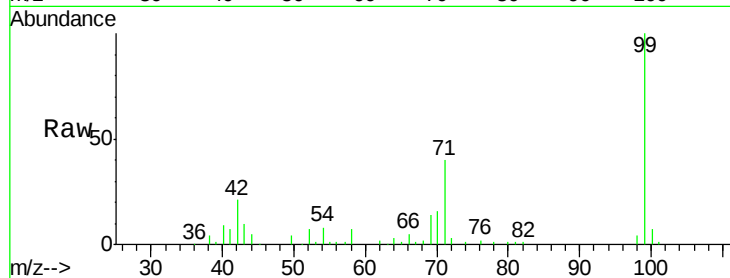
Tgt Ion: 99 Resp: 144481

Ion Ratio Lower Upper

99 100

42 20.5 13.6 20.4#

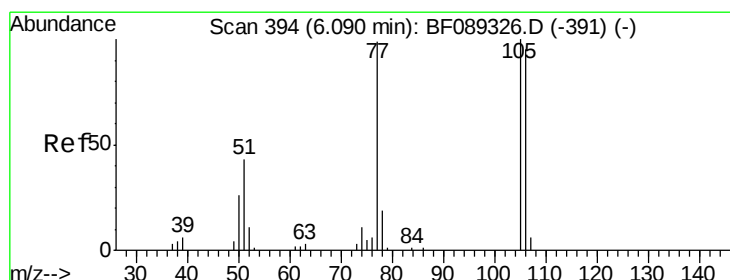
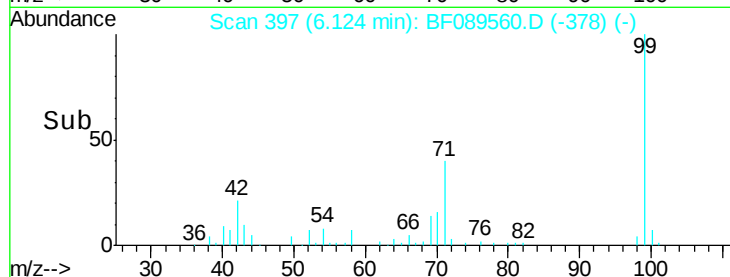
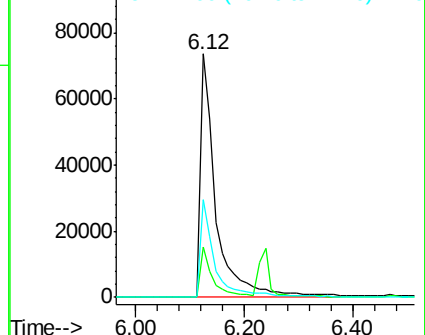
71 40.0 29.4 44.2



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 4.04 ng

RT: 6.24 min Scan# 407

Delta R.T. 0.15 min

Lab File: BF089560.D

Acq: 2 Aug 2016 21:40

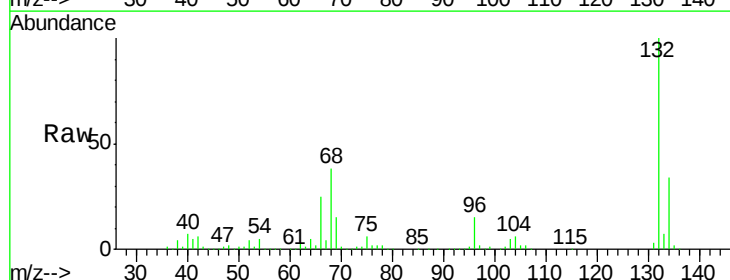
Tgt Ion: 77 Resp: 7284

Ion Ratio Lower Upper

77 100

105 85.5 82.9 122.9

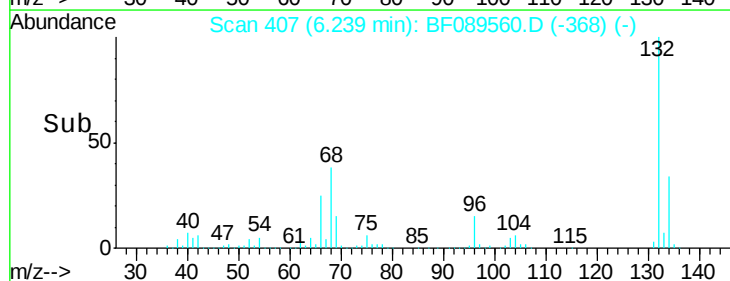
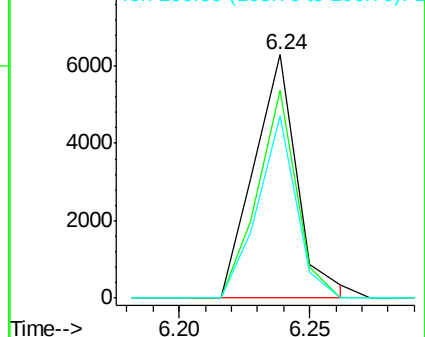
106 75.1 75.9 115.9#

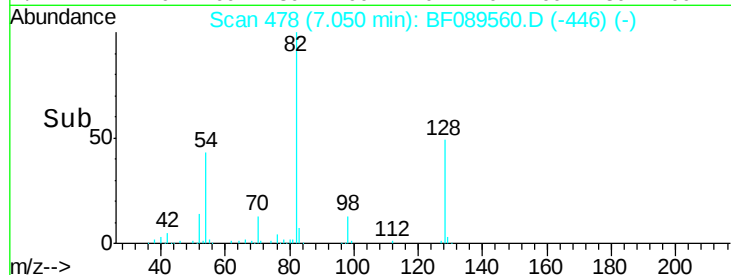
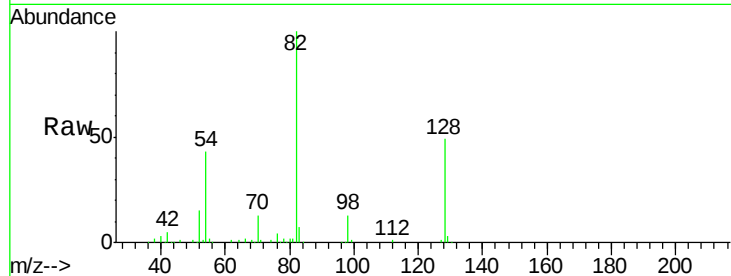
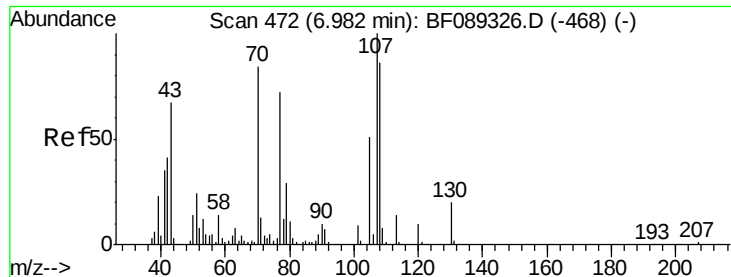


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

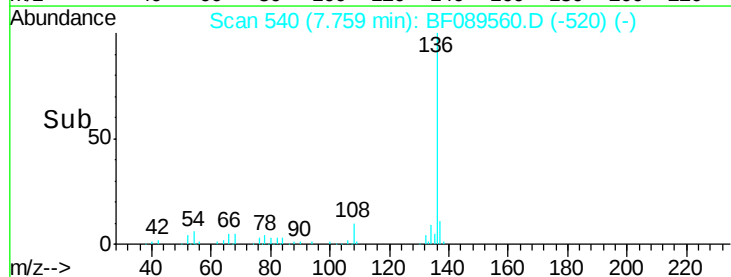
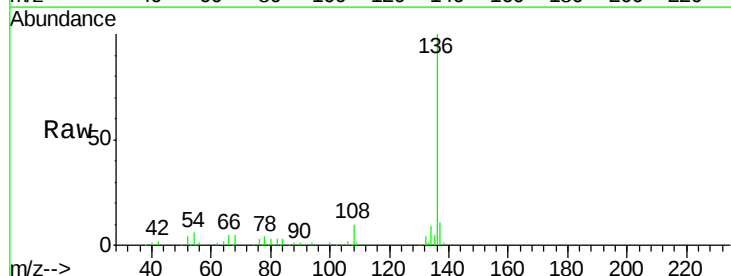
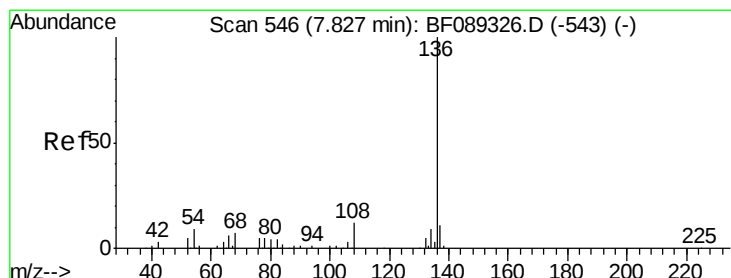
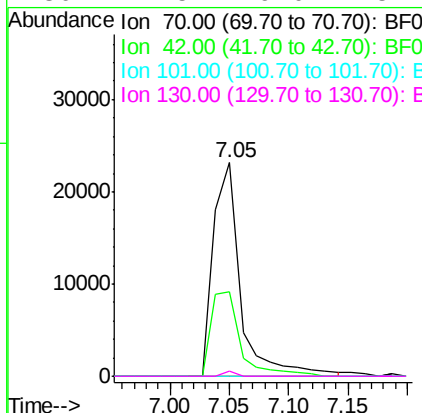




#19
n-Nitroso-di-n-propylamine
Concen: 16.45 ng
RT: 7.05 min Scan# 478
Delta R.T. 0.07 min
Lab File: BF089560.D
Acq: 2 Aug 2016 21:40

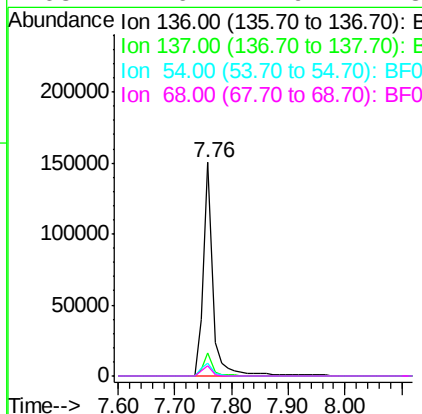
Instrument :
BNA_F
ClientSampleId :
GW-56-15.0-19.5

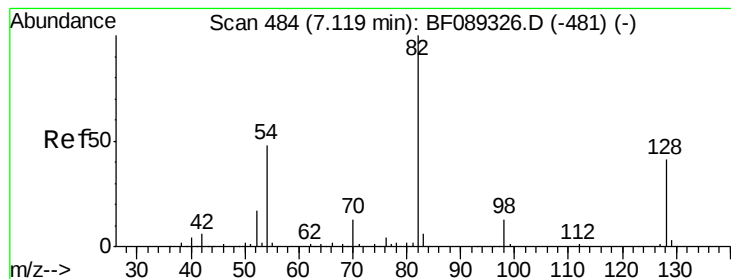
Tgt Ion: 70 Resp: 36625
Ion Ratio Lower Upper
70 100
42 39.7 38.6 57.8
101 0.0 8.3 12.5#
130 2.5 19.0 28.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.76 min Scan# 540
Delta R.T. -0.07 min
Lab File: BF089560.D
Acq: 2 Aug 2016 21:40

Tgt Ion: 136 Resp: 171758
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 6.0 7.0 10.4#
68 4.6 4.9 7.3#





#23

Nitrobenzene-d5

Concen: 98.38 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.07 min

Lab File: BF089560.D

Acq: 2 Aug 2016 21:40

Instrument :

BNA_F

ClientSampleId :

GW-56-15.0-19.5

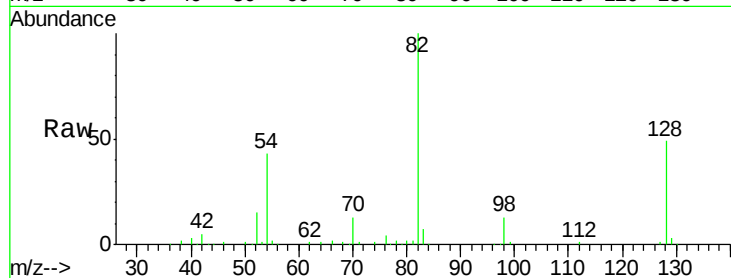
Tgt Ion: 82 Resp: 286266

Ion Ratio Lower Upper

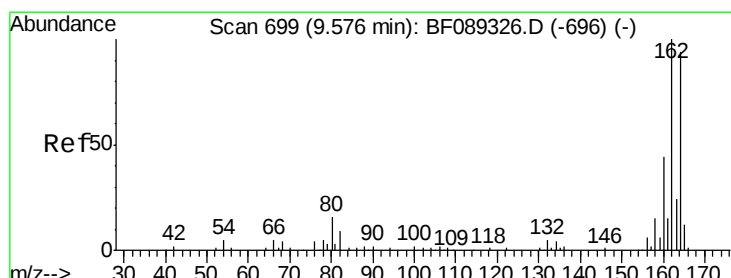
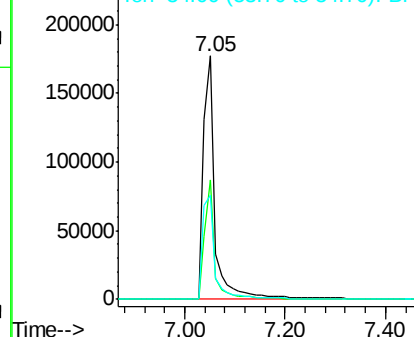
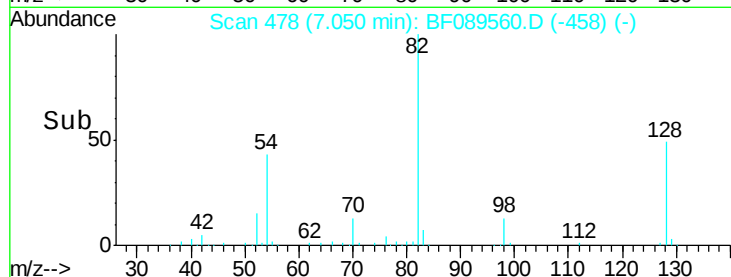
82 100

128 48.9 32.5 48.7#

54 42.9 38.8 58.2



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.50 min Scan# 692

Delta R.T. -0.08 min

Lab File: BF089560.D

Acq: 2 Aug 2016 21:40

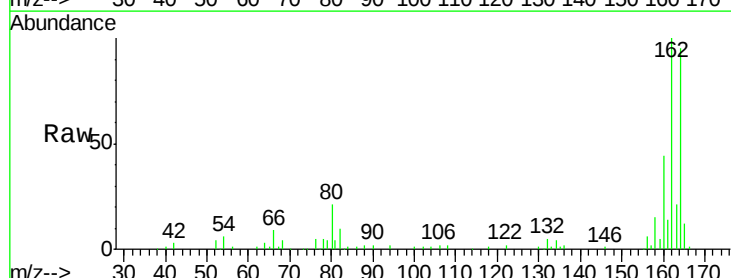
Tgt Ion: 164 Resp: 77376

Ion Ratio Lower Upper

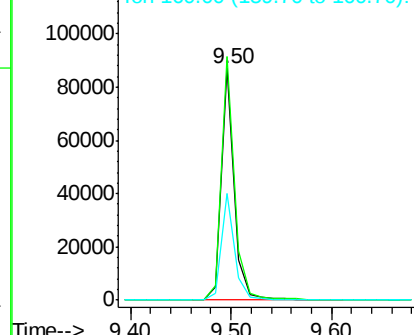
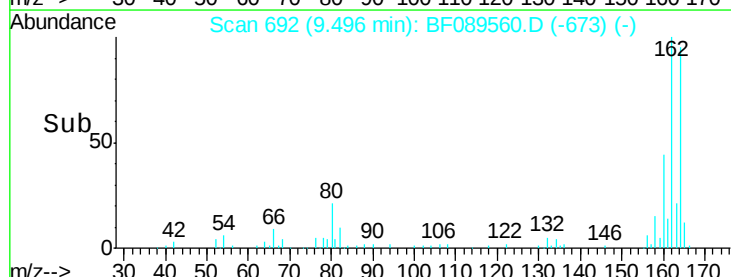
164 100

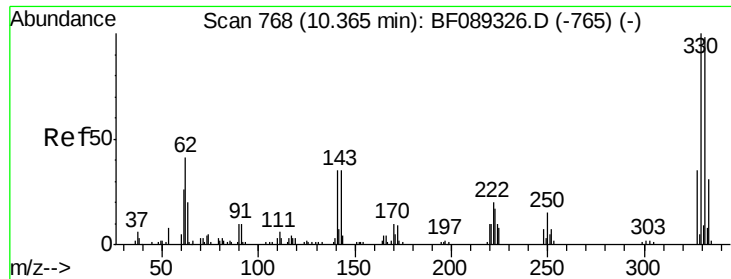
162 104.9 83.7 125.5

160 46.0 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

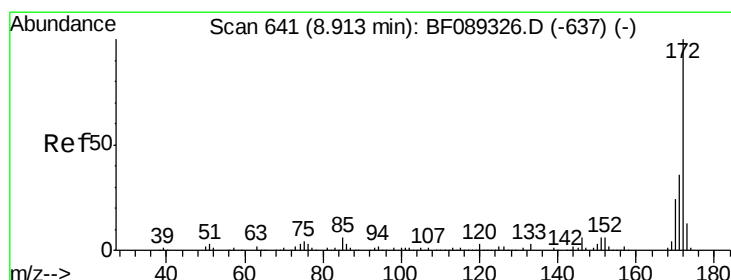
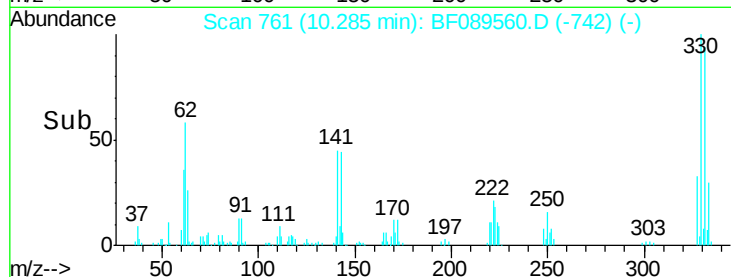
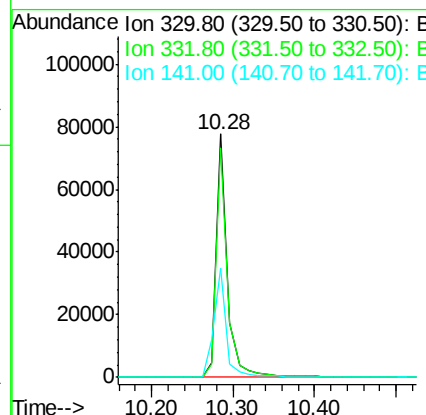
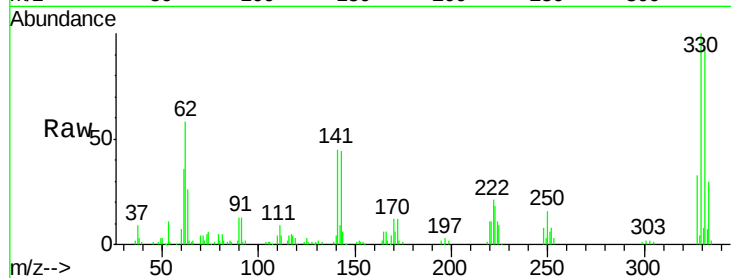




#41
 2,4,6-Tribromophenol
 Concen: 118.54 ng
 RT: 10.28 min Scan# 761
 Delta R.T. -0.08 min
 Lab File: BF089560.D
 Acq: 2 Aug 2016 21:40

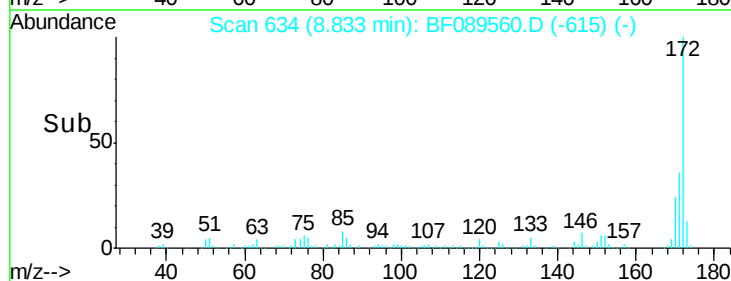
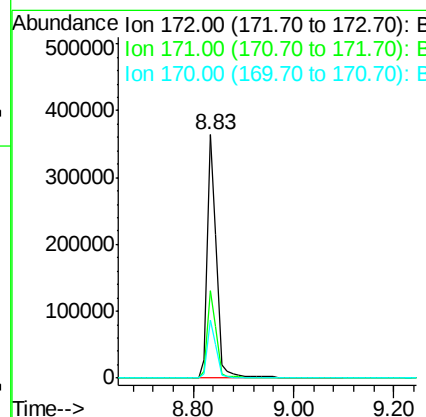
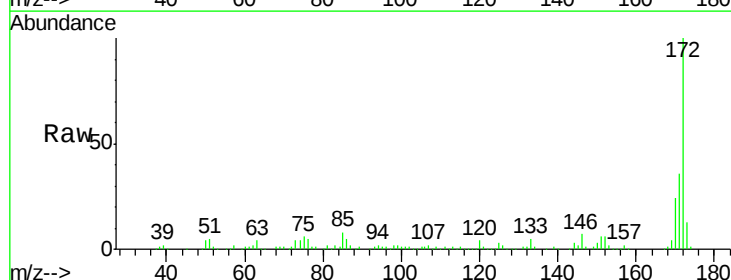
Instrument :
 BNA_F
 ClientSampleId :
 GW-56-15.0-19.5

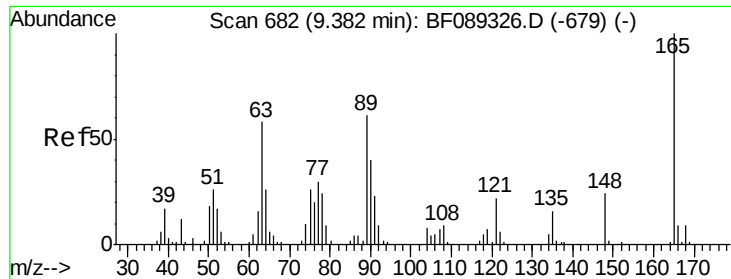
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.8	115.2
141	49.3	37.3	55.9



#44
 2-Fluorobiphenyl
 Concen: 87.51 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.08 min
 Lab File: BF089560.D
 Acq: 2 Aug 2016 21:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.2	43.8
170	23.6	19.2	28.8

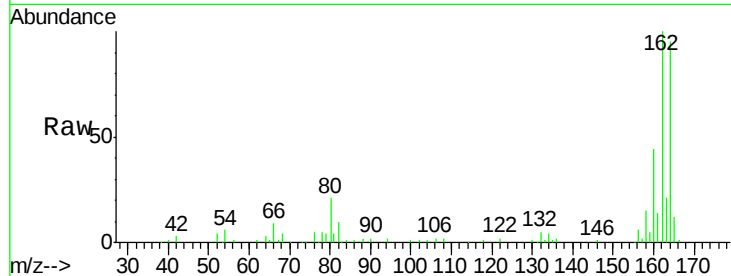




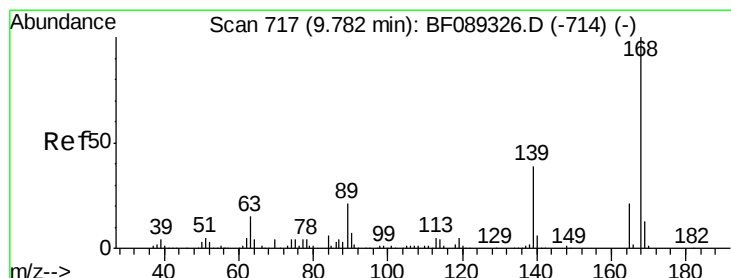
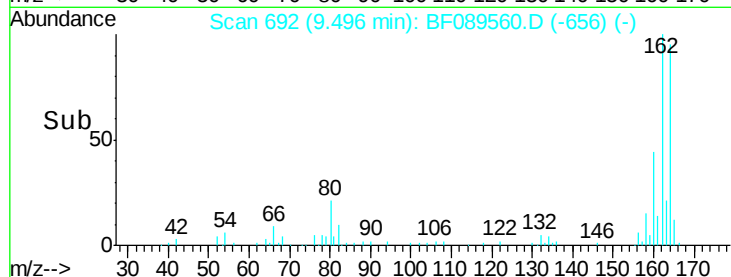
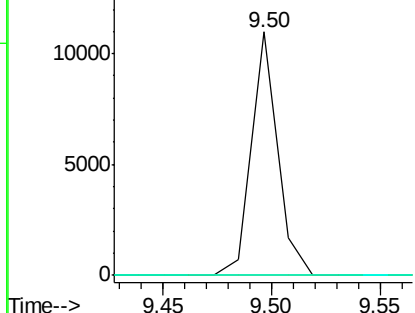
#50
 2,6-Dinitrotoluene
 Concen: 7.61 ng
 RT: 9.50 min Scan# 692
 Delta R.T. 0.11 min
 Lab File: BF089560.D
 Acq: 2 Aug 2016 21:40

Instrument :
 BNA_F
 ClientSampleId :
 GW-56-15.0-19.5

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.5	65.3#
89	0.0	45.0	67.4#



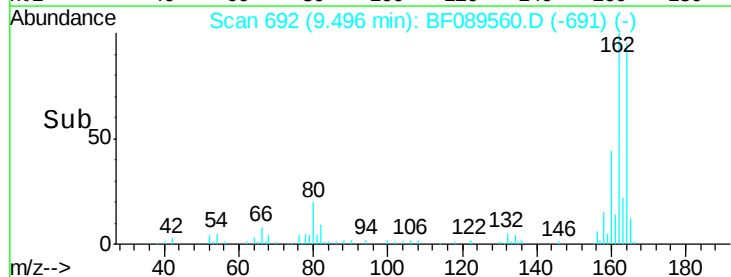
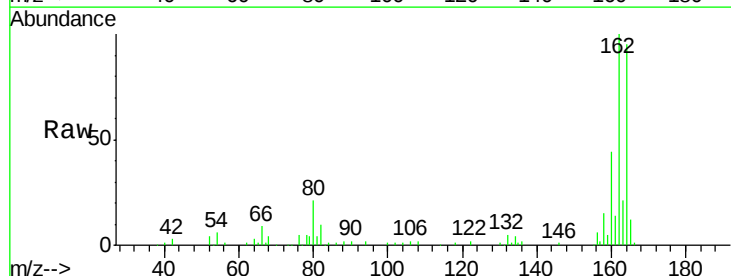
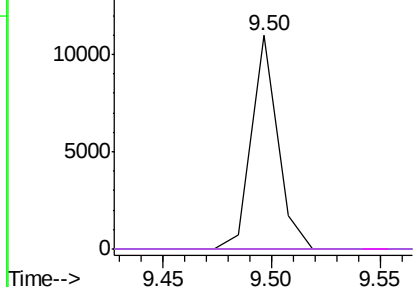
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

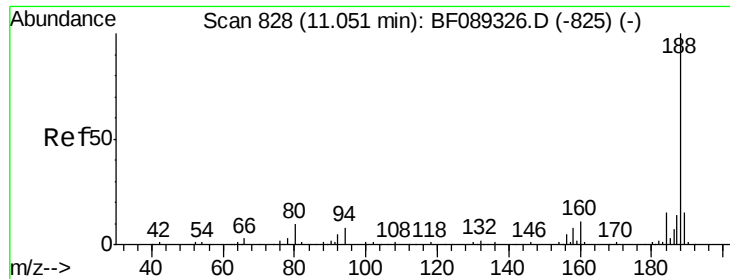


#56
 2,4-Dinitrotoluene
 Concen: 5.78 ng
 RT: 9.50 min Scan# 692
 Delta R.T. -0.29 min
 Lab File: BF089560.D
 Acq: 2 Aug 2016 21:40

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	58.2	87.2#
89	0.0	79.1	118.7#
182	0.0	1.8	2.8#

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

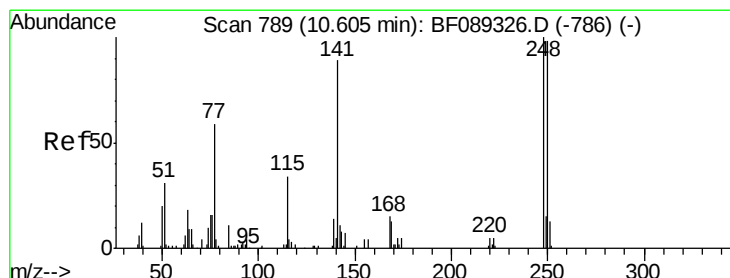
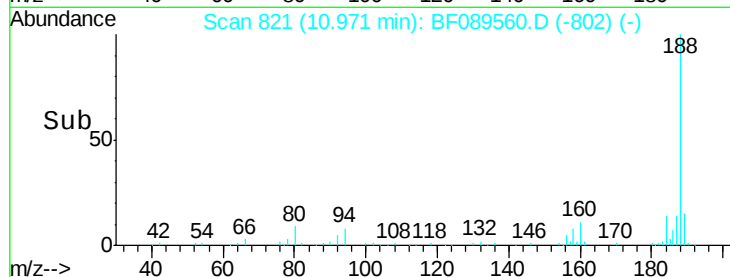
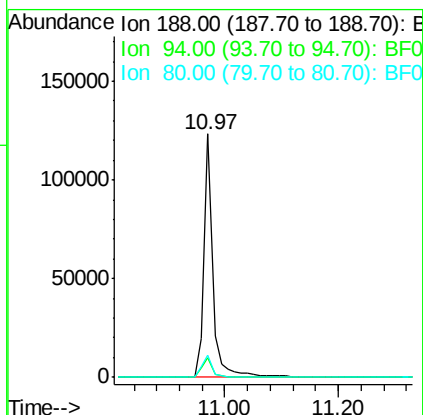
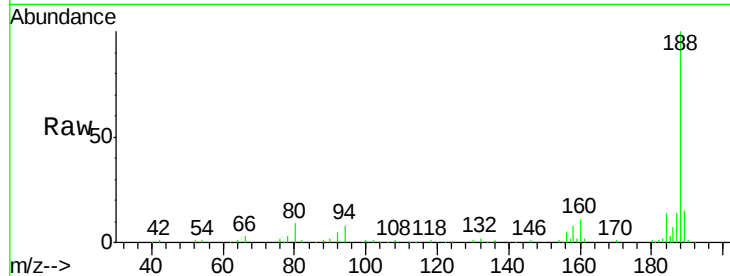




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 821
Delta R.T. -0.08 min
Lab File: BF089560.D
Acq: 2 Aug 2016 21:40

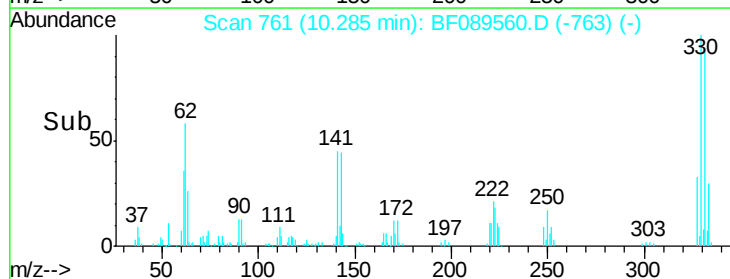
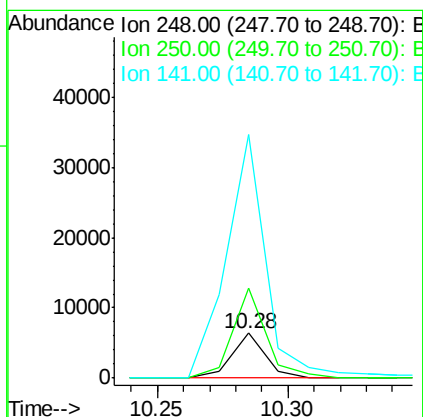
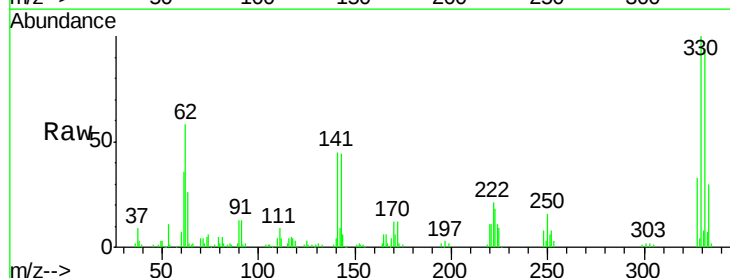
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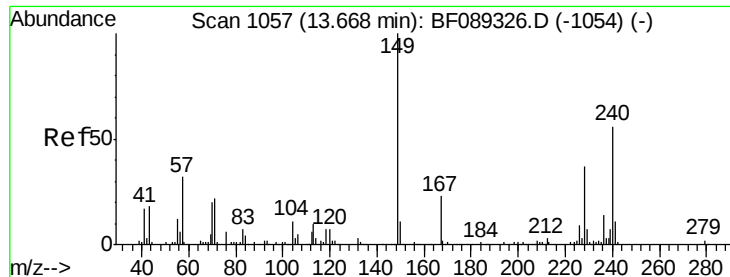
Tgt Ion:188 Resp: 129551
Ion Ratio Lower Upper
188 100
94 8.3 6.5 9.7
80 9.2 7.2 10.8



#66
4-Bromophenyl-phenylether
Concen: 4.63 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.32 min
Lab File: BF089560.D
Acq: 2 Aug 2016 21:40

Tgt Ion:248 Resp: 5728
Ion Ratio Lower Upper
248 100
250 199.5 78.2 117.2#
141 542.1 62.0 93.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.59 min Scan# 1050

Delta R.T. -0.08 min

Lab File: BF089560.D

Acq: 2 Aug 2016 21:40

Instrument :

BNA_F

ClientSampleId :

GW-56-15.0-19.5

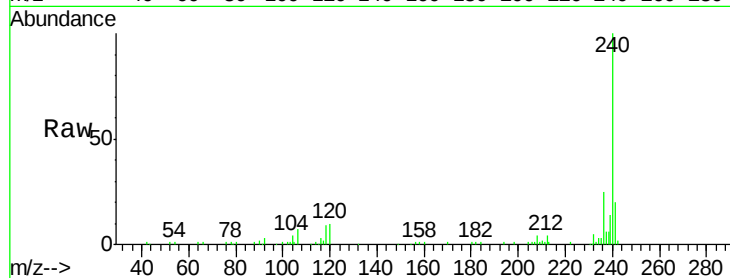
Tgt Ion:240 Resp: 93413

Ion Ratio Lower Upper

240 100

120 10.5 9.1 13.7

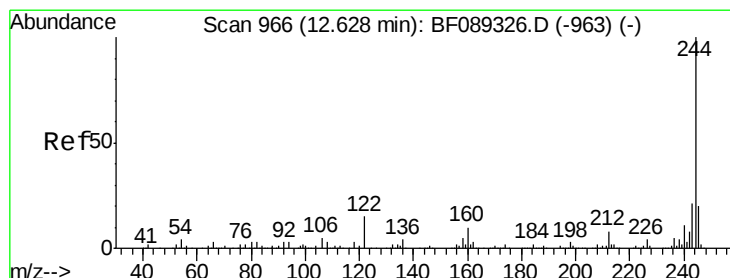
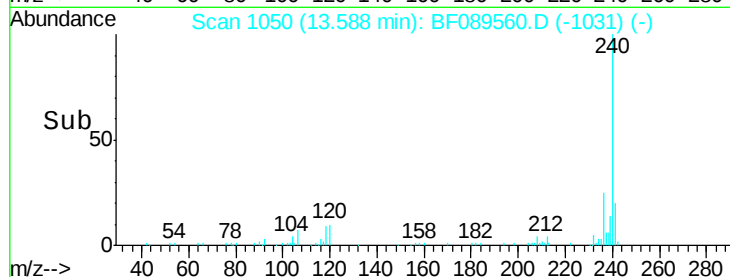
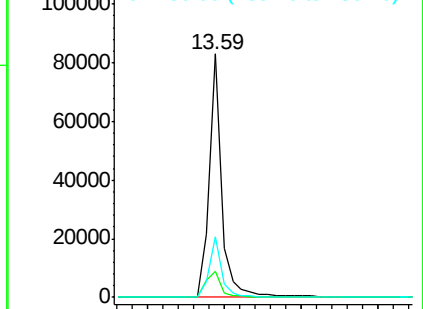
236 24.7 20.6 30.8



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: 87.17 ng

RT: 12.55 min Scan# 959

Delta R.T. -0.08 min

Lab File: BF089560.D

Acq: 2 Aug 2016 21:40

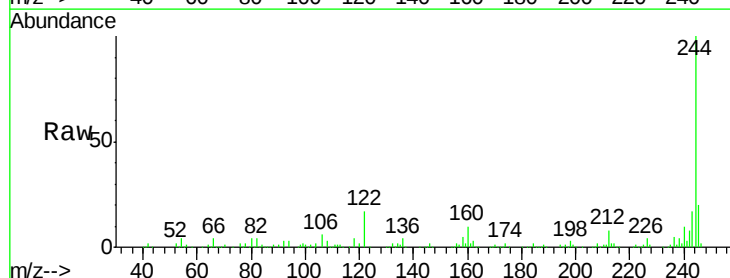
Tgt Ion:244 Resp: 347903

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

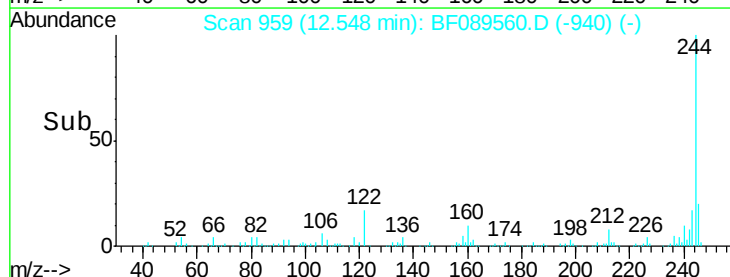
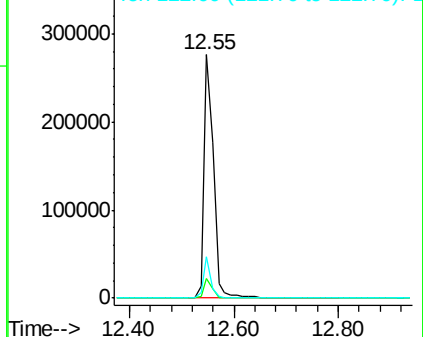
122 17.0 11.4 17.0

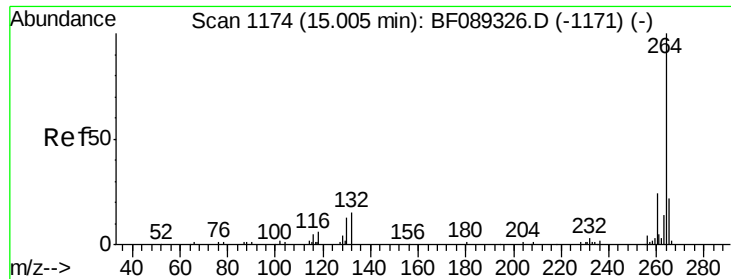


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

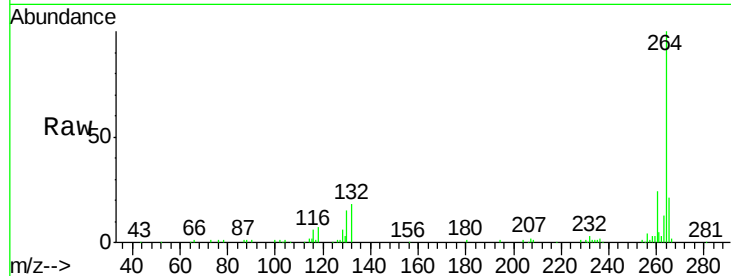




#86
Perylene-d12
Concen: 20.00 ng
RT: 14.91 min Scan# 1166
Delta R.T. -0.09 min
Lab File: BF089560.D
Acq: 2 Aug 2016 21:40

Instrument :
BNA_F
ClientSampleId :
GW-56-15.0-19.5

Tgt Ion: 264 Resp: 85244
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.4
265 21.1 17.5 26.3



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

