

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
 Data File : BF089228.D
 Acq On : 23 Jul 2016 10:25
 Operator : UM/SJ
 Sample : H4120-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-02-6.5-17.0

Quant Time: Jul 25 01:06:20 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

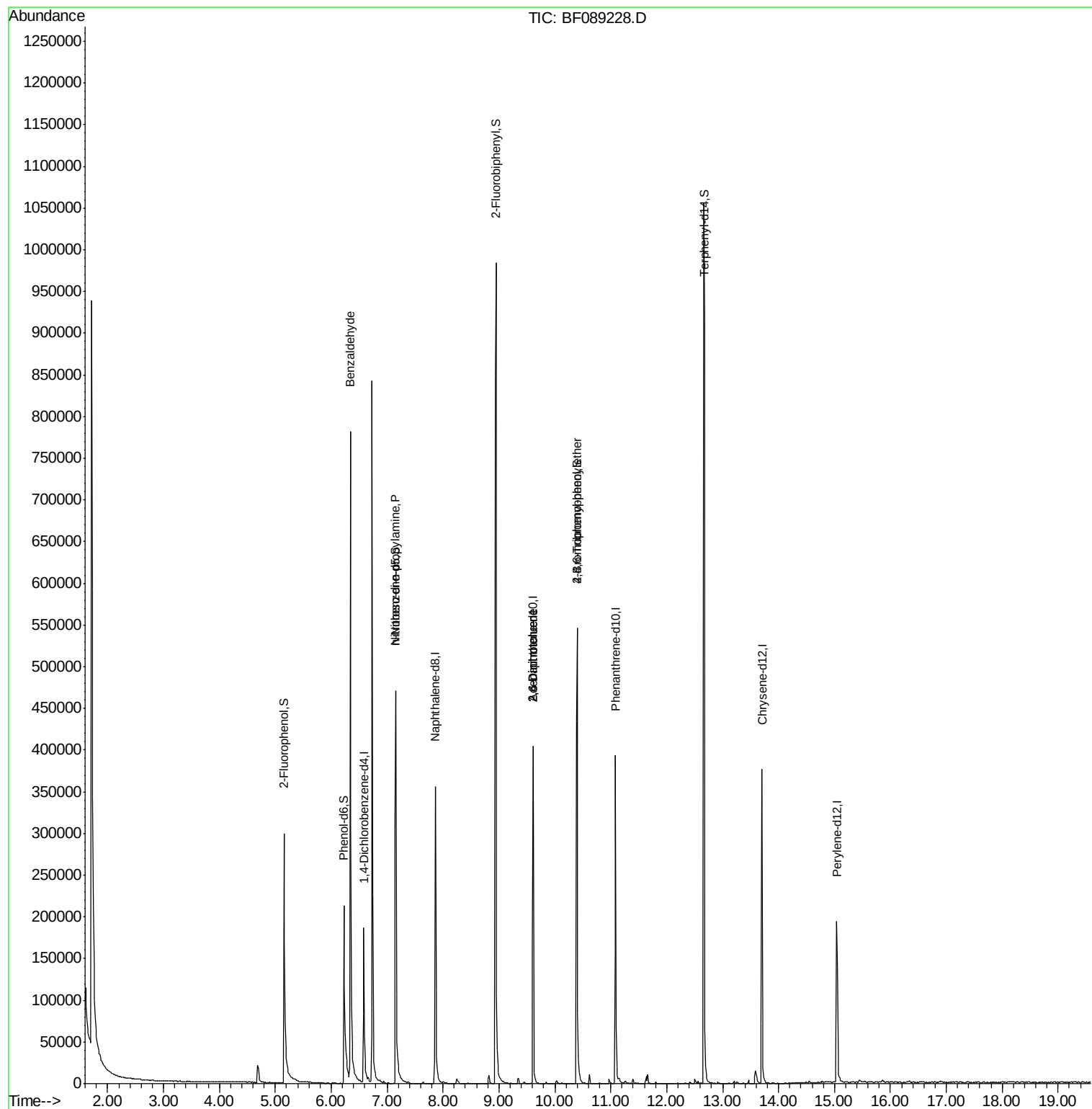
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	46224	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	204821	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	96672	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	190938	20.00	ng	-0.02
75) Chrysene-d12	13.70	240	141345	20.00	ng	-0.02
86) Perylene-d12	15.04	264	101874	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	157970	51.98	ng	-0.03
7) Phenol-d6	6.23	99	145888	37.22	ng	-0.05
23) Nitrobenzene-d5	7.15	82	265365	68.84	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	88340	101.50	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	498904	71.11	ng	-0.02
78) Terphenyl-d14	12.67	244	489726	75.15	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.34	77	6021	2.04	ng	# 69
19) n-Nitroso-di-n-propylamine	7.15	70	34715	13.54	ng	# 76
50) 2,6-Dinitrotoluene	9.61	165	12033	7.18	ng	# 28
56) 2,4-Dinitrotoluene	9.61	165	12033	5.58	ng	# 10
66) 4-Bromophenyl-phenylether	10.40	248	6591	3.49	ng	# 1

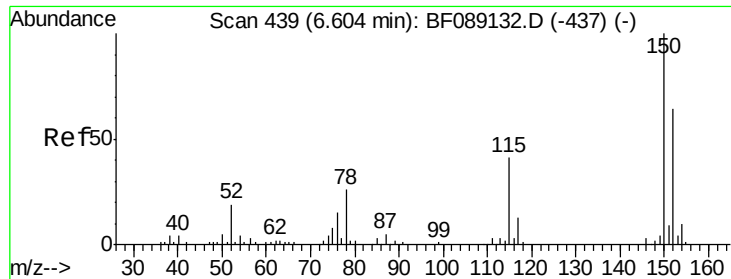
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
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Sample : H4120-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-02-6.5-17.0

Quant Time: Jul 25 01:06:20 2016
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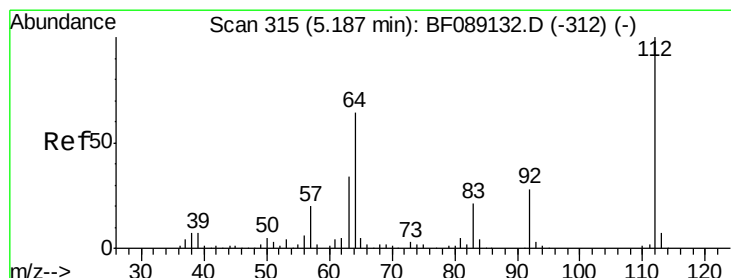
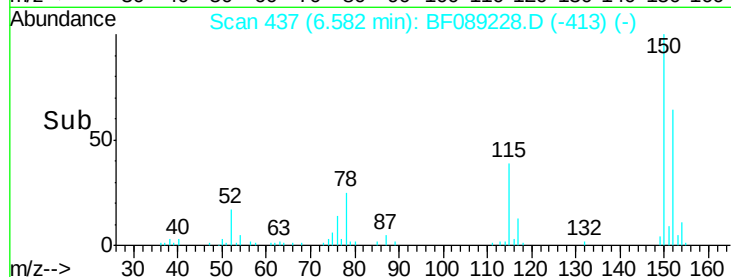
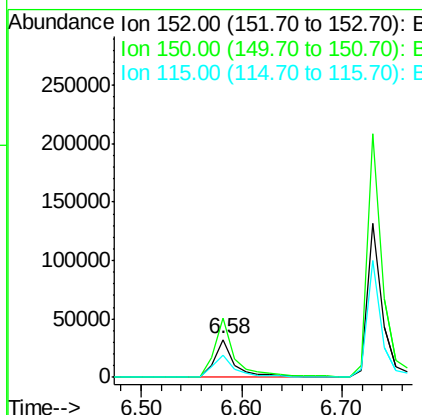
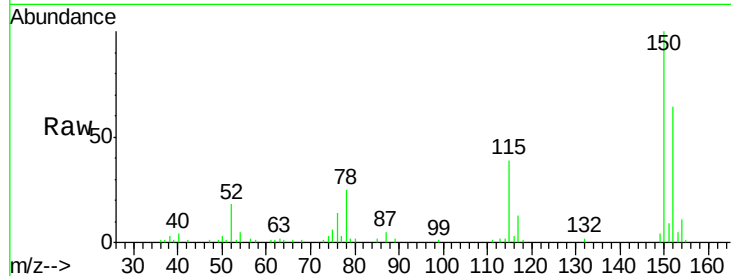




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.58 min Scan# 437
 Delta R.T. -0.02 min
 Lab File: BF089228.D
 Acq: 23 Jul 2016 10:25

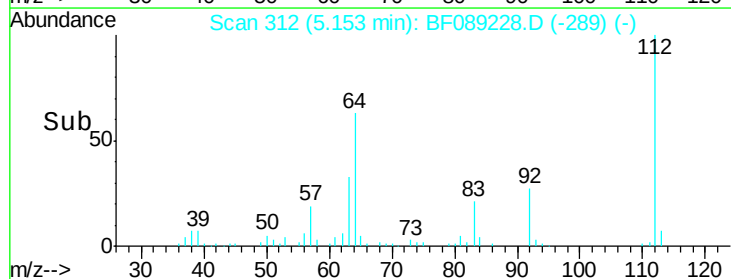
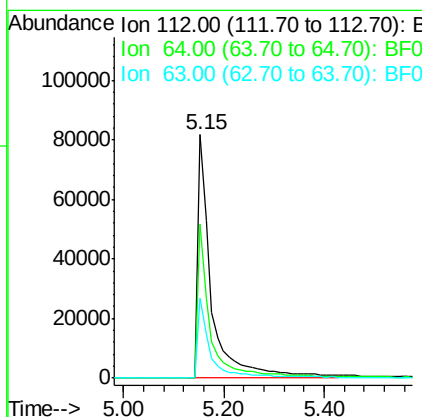
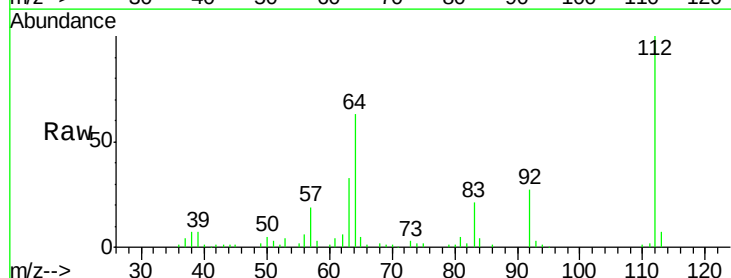
Instrument :
 BNA_F
 ClientSampleId :
 GW-02-6.5-17.0

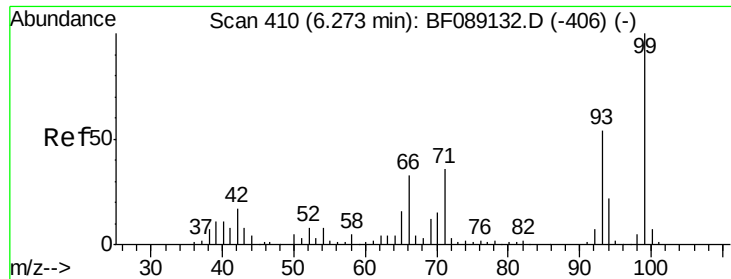
Tgt Ion:152 Resp: 46224
 Ion Ratio Lower Upper
 152 100
 150 155.1 125.1 187.7
 115 60.1 51.1 76.7



#5
 2-Fluorophenol
 Concen: 51.98 ng
 RT: 5.15 min Scan# 312
 Delta R.T. -0.03 min
 Lab File: BF089228.D
 Acq: 23 Jul 2016 10:25

Tgt Ion:112 Resp: 157970
 Ion Ratio Lower Upper
 112 100
 64 63.1 51.0 76.4
 63 32.9 27.3 40.9





#7

Phenol-d6

Concen: 37.22 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.05 min

Lab File: BF089228.D

Acq: 23 Jul 2016 10:25

Instrument :

BNA_F

ClientSampleId :

GW-02-6.5-17.0

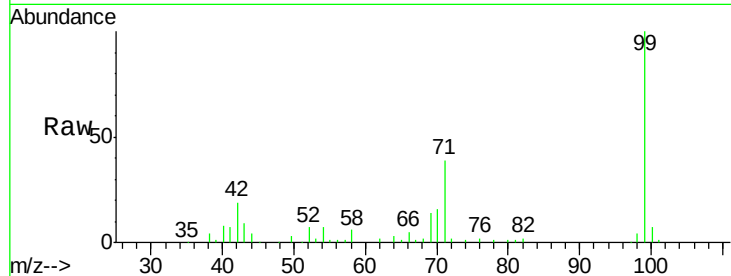
Tgt Ion: 99 Resp: 145888

Ion Ratio Lower Upper

99 100

42 18.7 13.5 20.3

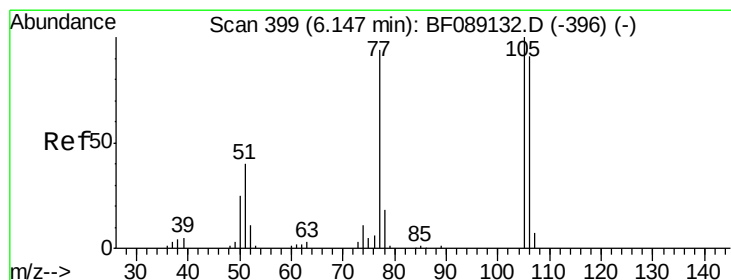
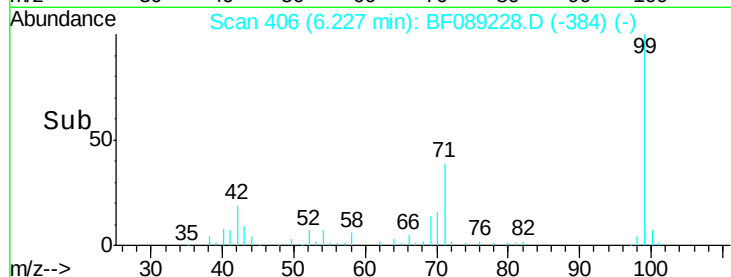
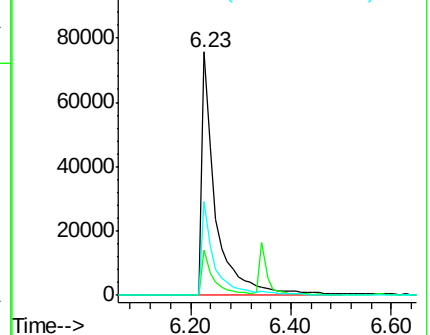
71 38.6 28.9 43.3



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: 2.04 ng

RT: 6.34 min Scan# 416

Delta R.T. 0.19 min

Lab File: BF089228.D

Acq: 23 Jul 2016 10:25

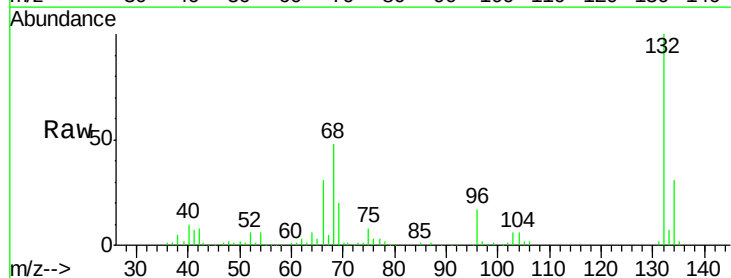
Tgt Ion: 77 Resp: 6021

Ion Ratio Lower Upper

77 100

105 71.9 86.2 126.2#

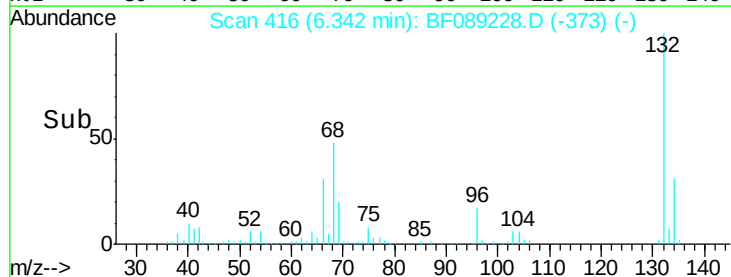
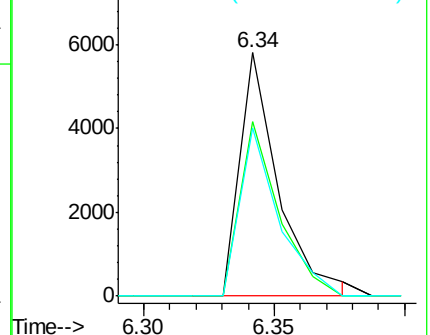
106 69.2 76.3 116.3#

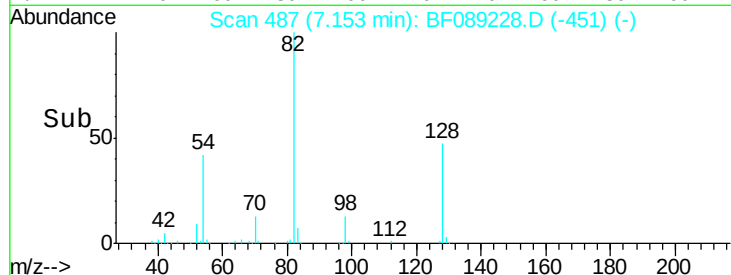
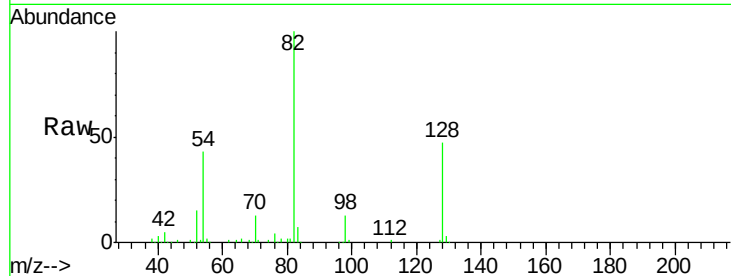
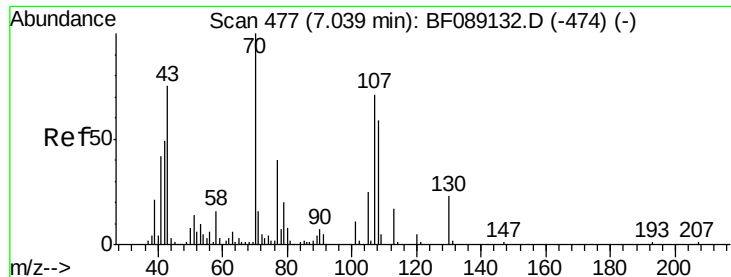


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

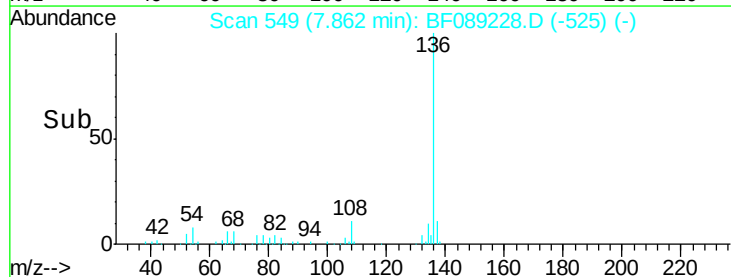
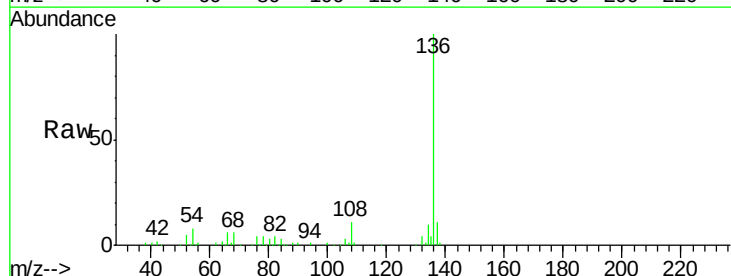
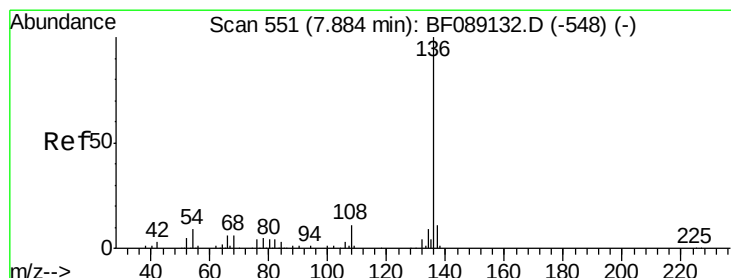
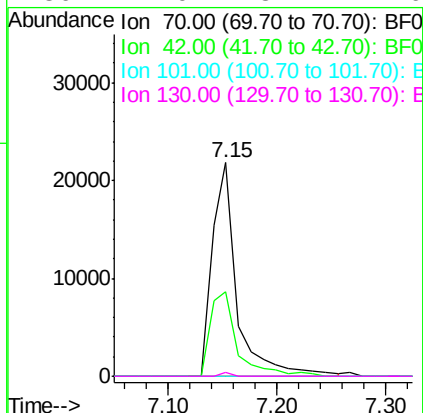




#19
n-Nitroso-di-n-propylamine
Concen: 13.54 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.11 min
Lab File: BF089228.D
Acq: 23 Jul 2016 10:25

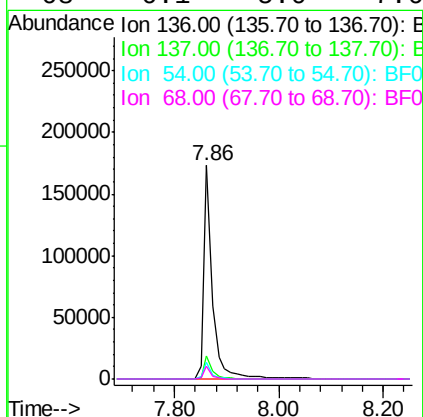
Instrument :
BNA_F
ClientSampleId :
GW-02-6.5-17.0

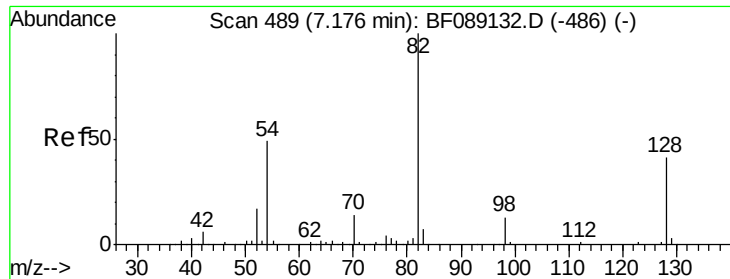
Tgt Ion:	70	Resp:	34715
Ion	Ratio	Lower	Upper
70	100		
42	39.7	39.2	58.8
101	0.0	8.5	12.7#
130	2.0	18.4	27.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.02 min
Lab File: BF089228.D
Acq: 23 Jul 2016 10:25

Tgt Ion:	136	Resp:	204821
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.7	7.0	10.4
68	6.1	5.0	7.6

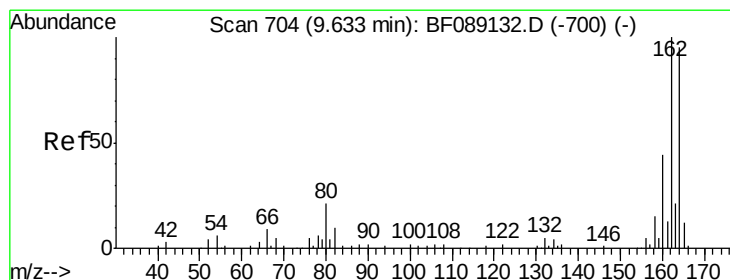
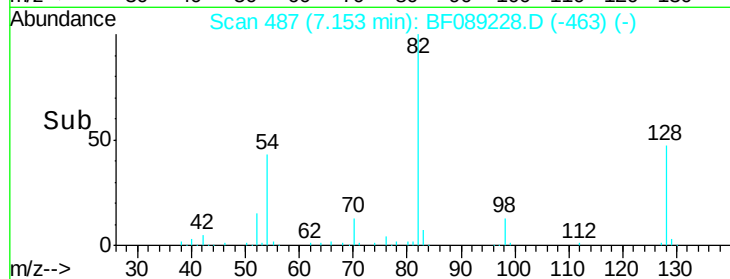
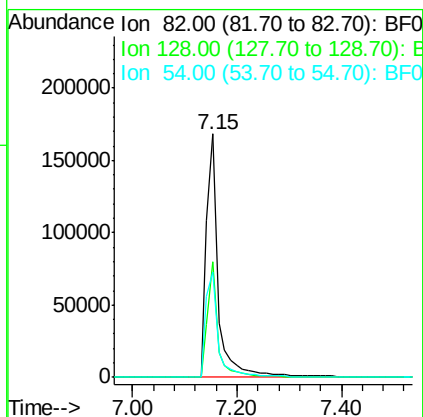
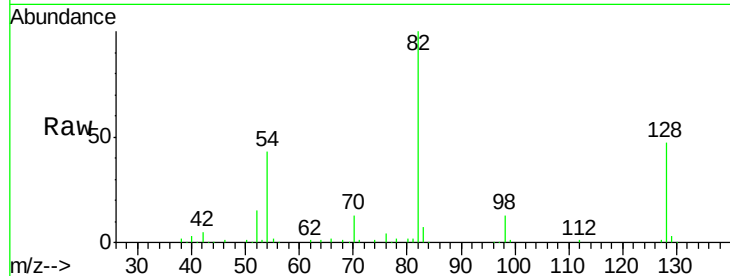




#23
 Nitrobenzene-d5
 Concen: 68.84 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.02 min
 Lab File: BF089228.D
 Acq: 23 Jul 2016 10:25

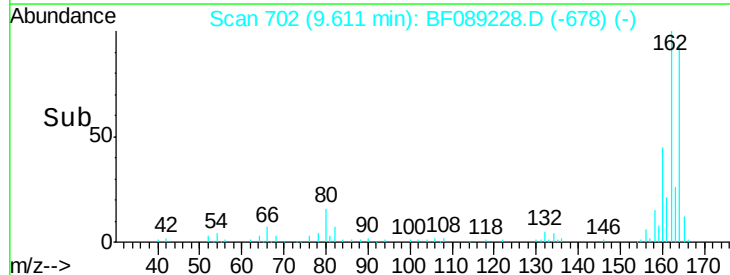
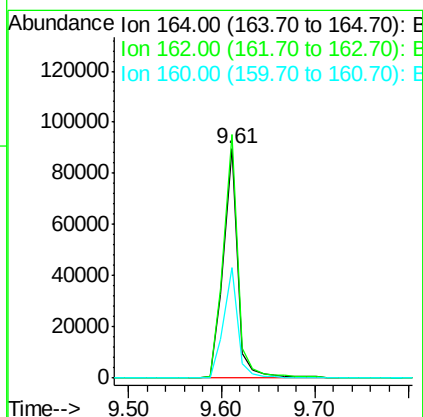
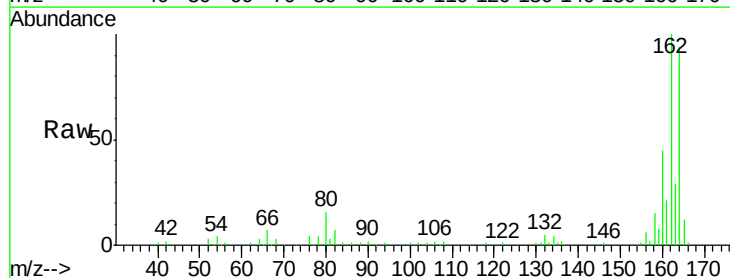
Instrument :
 BNA_F
 ClientSampleId :
 GW-02-6.5-17.0

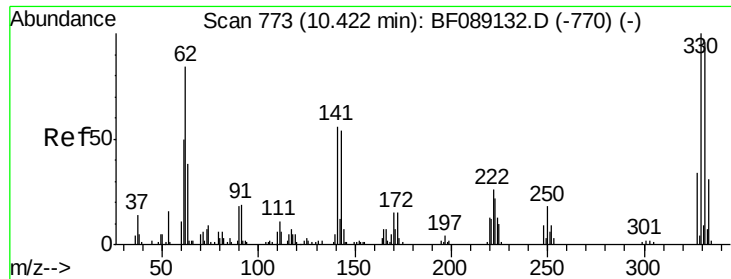
Tgt Ion: 82 Resp: 265365
 Ion Ratio Lower Upper
 82 100
 128 47.3 33.0 49.6
 54 43.4 39.0 58.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.02 min
 Lab File: BF089228.D
 Acq: 23 Jul 2016 10:25

Tgt Ion: 164 Resp: 96672
 Ion Ratio Lower Upper
 164 100
 162 106.2 84.1 126.1
 160 48.2 37.1 55.7

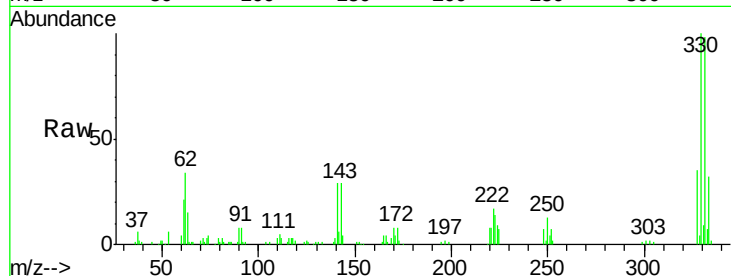




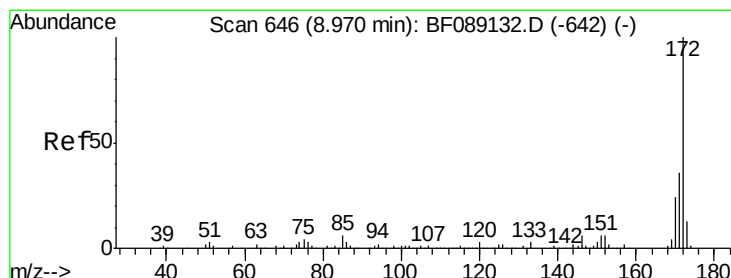
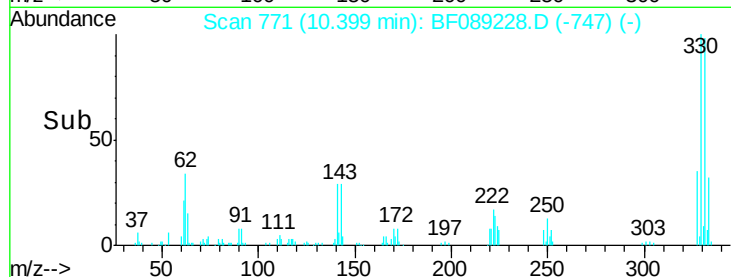
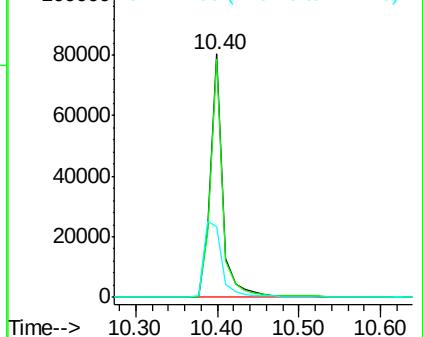
#41
 2,4,6-Tribromophenol
 Concen: 101.50 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.02 min
 Lab File: BF089228.D
 Acq: 23 Jul 2016 10:25

Instrument :
 BNA_F
 ClientSampleId :
 GW-02-6.5-17.0

Tgt Ion:330 Resp: 88340
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.2 115.8
 141 45.2 42.2 63.2

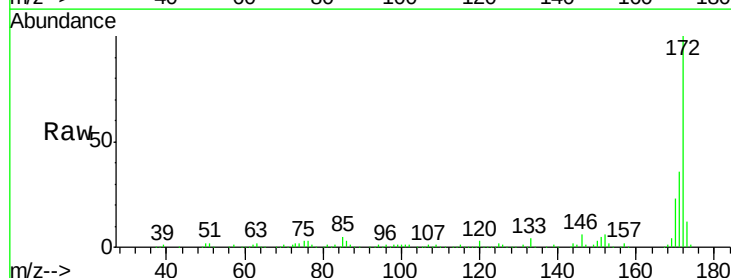


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

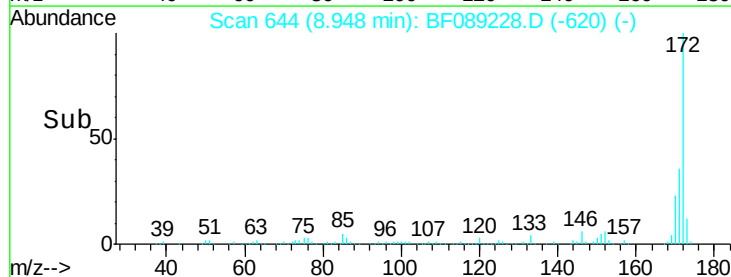
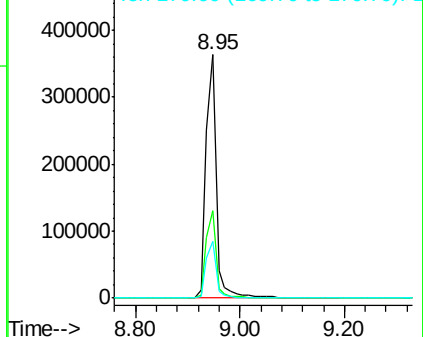


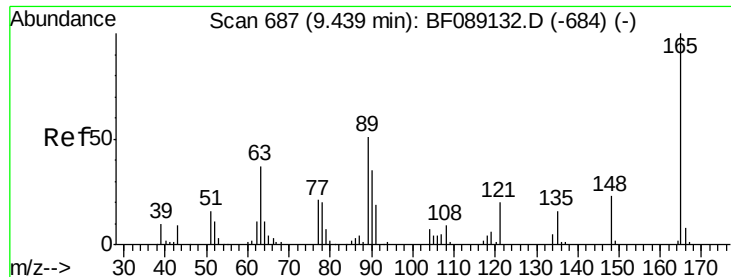
#44
 2-Fluorobiphenyl
 Concen: 71.11 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF089228.D
 Acq: 23 Jul 2016 10:25

Tgt Ion:172 Resp: 498904
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.2 43.8
 170 23.5 19.1 28.7



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

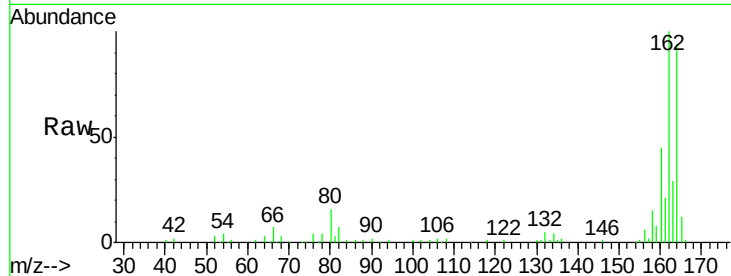




#50
 2,6-Dinitrotoluene
 Concen: 7.18 ng
 RT: 9.61 min Scan# 702
 Delta R.T. 0.17 min
 Lab File: BF089228.D
 Acq: 23 Jul 2016 10:25

Instrument :
 BNA_F
 ClientSampleId :
 GW-02-6.5-17.0

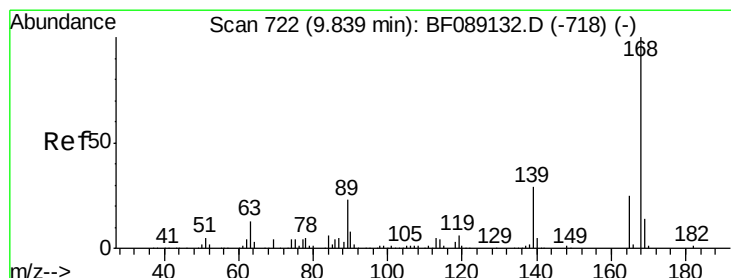
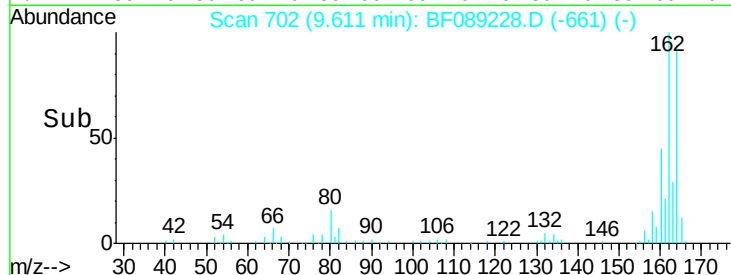
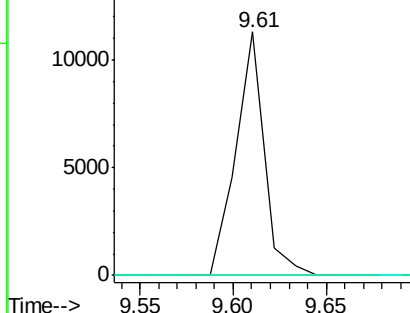
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.0	55.4#
89	0.0	40.9	61.3#



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: 5.58 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.23 min
 Lab File: BF089228.D
 Acq: 23 Jul 2016 10:25

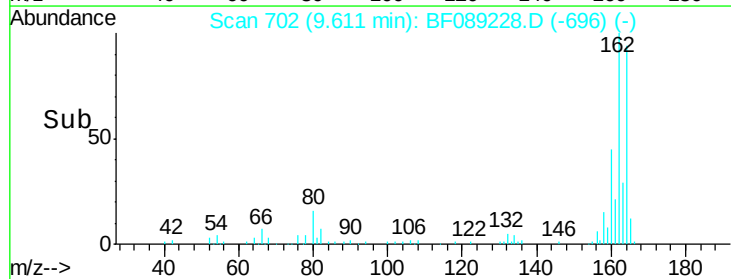
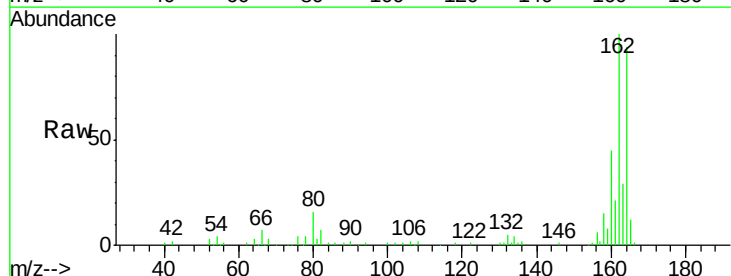
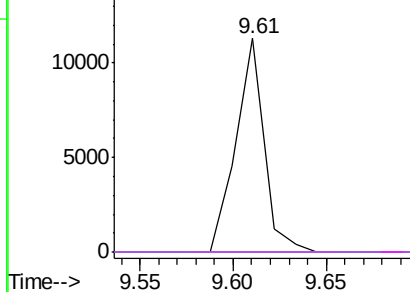
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	55.4	83.2#
89	0.0	74.3	111.5#
182	0.0	2.0	3.0#

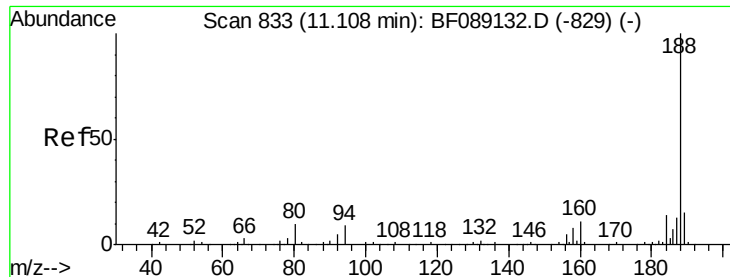
Abundance Ion 165.00 (164.70 to 165.70): E

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

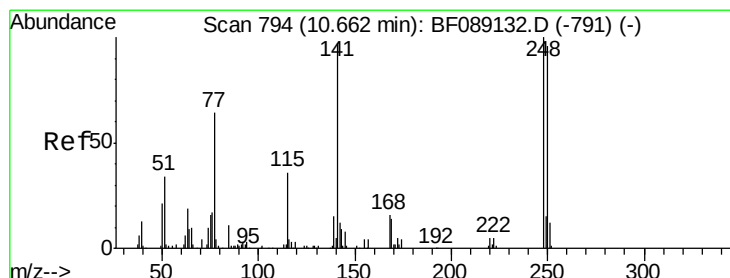
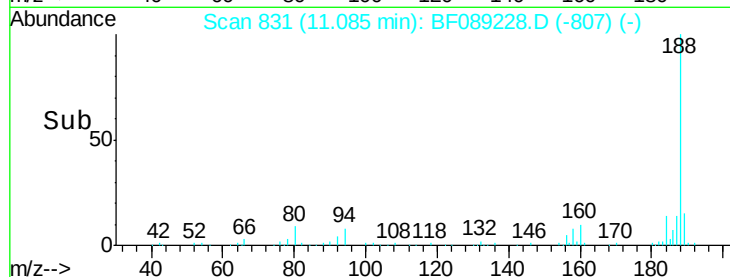
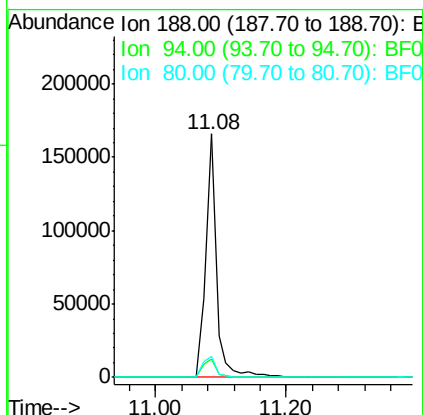
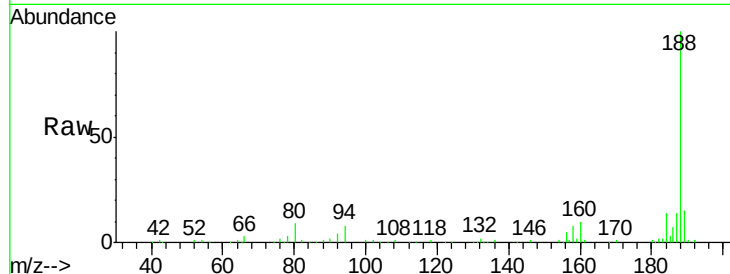




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.08 min Scan# 831
 Delta R.T. -0.02 min
 Lab File: BF089228.D
 Acq: 23 Jul 2016 10:25

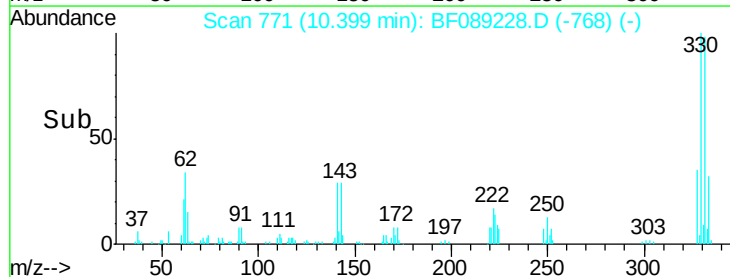
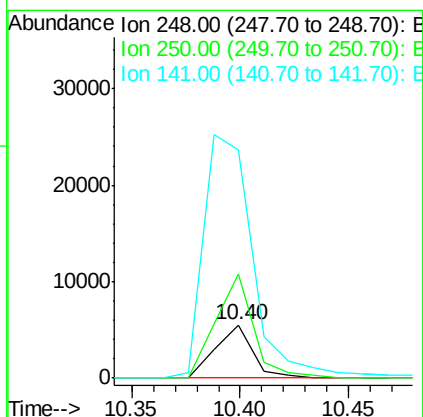
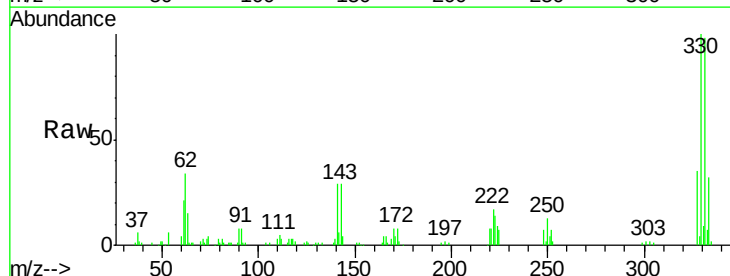
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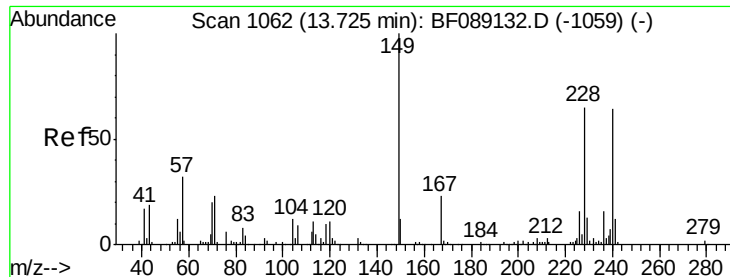
Tgt Ion:188 Resp: 190938
 Ion Ratio Lower Upper
 188 100
 94 7.5 7.0 10.4
 80 8.6 7.7 11.5



#66
 4-Bromophenyl-phenylether
 Concen: 3.49 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.26 min
 Lab File: BF089228.D
 Acq: 23 Jul 2016 10:25

Tgt Ion:248 Resp: 6591
 Ion Ratio Lower Upper
 248 100
 250 195.1 76.9 115.3#
 141 428.5 77.4 116.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.02 min

Lab File: BF089228.D

Acq: 23 Jul 2016 10:25

Instrument :

BNA_F

ClientSampleId :

GW-02-6.5-17.0

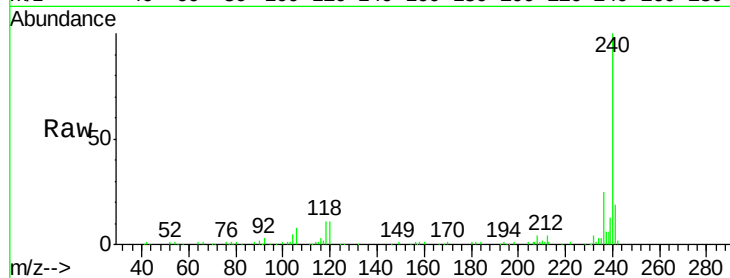
Tgt Ion:240 Resp: 141345

Ion Ratio Lower Upper

240 100

120 11.2 13.6 20.4#

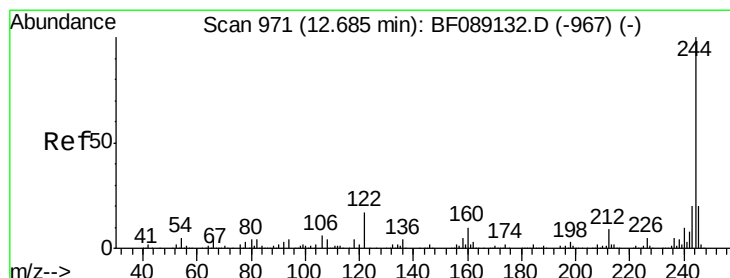
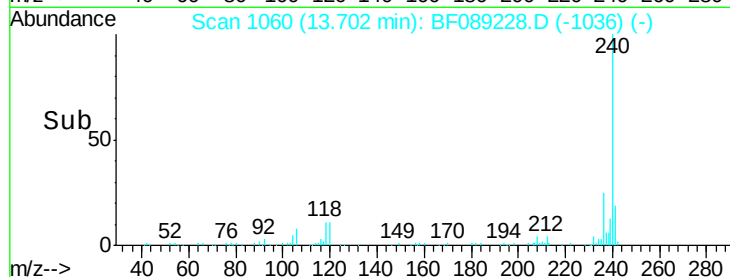
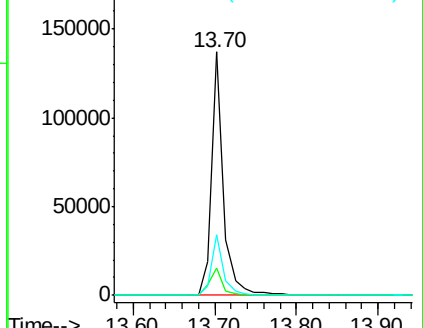
236 25.1 20.5 30.7



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: 75.15 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF089228.D

Acq: 23 Jul 2016 10:25

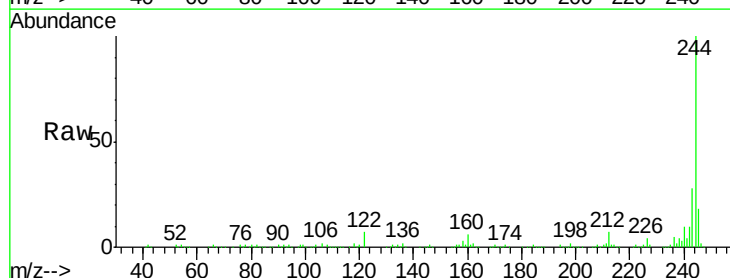
Tgt Ion:244 Resp: 489726

Ion Ratio Lower Upper

244 100

212 6.9 7.0 10.4#

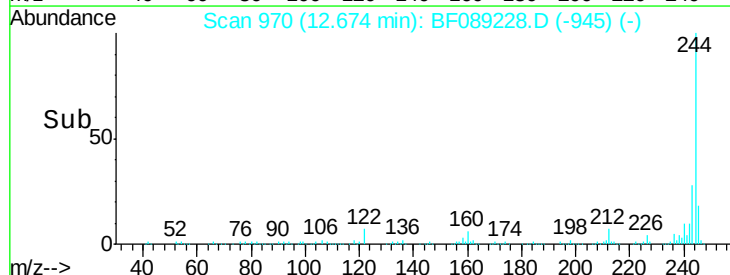
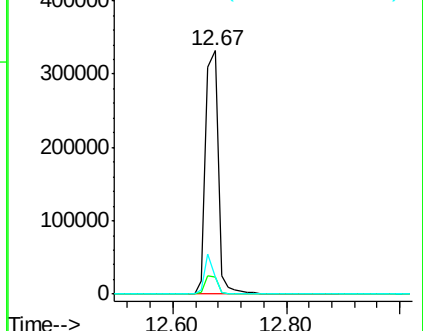
122 7.1 13.8 20.8#

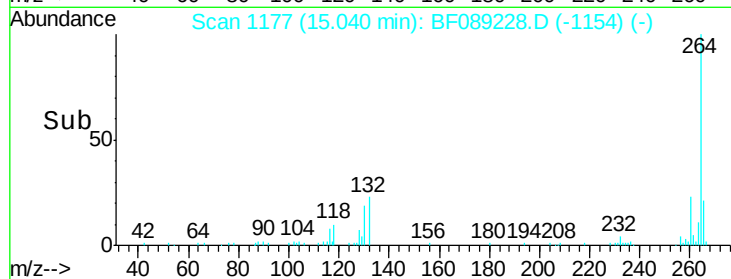
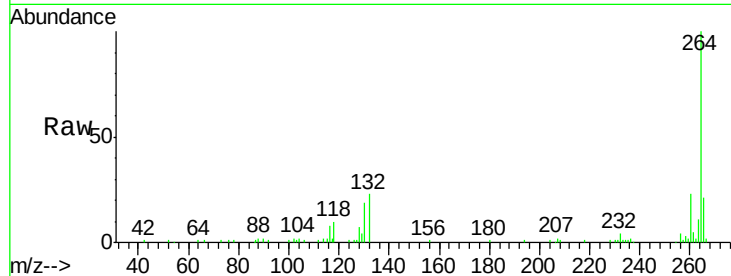
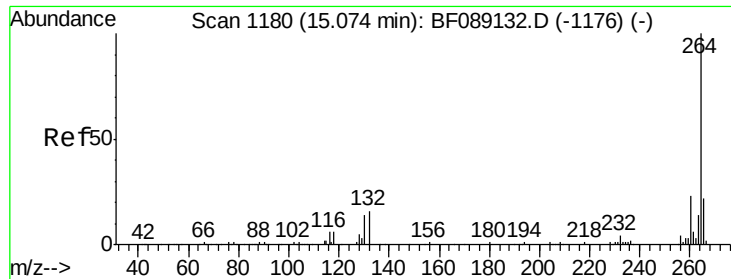


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.04 min Scan# 1177

Delta R.T. -0.03 min

Lab File: BF089228.D

Acq: 23 Jul 2016 10:25

Instrument :

BNA_F

ClientSampleId :

GW-02-6.5-17.0

Tgt Ion: 264 Resp: 101874

Ion Ratio Lower Upper

264 100

260 23.2 18.5 27.7

265 20.8 17.3 25.9

