

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080216\
 Data File : BF089548.D
 Acq On : 2 Aug 2016 15:42
 Operator : UM/SJ
 Sample : H4269-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-53-18.5-20.0

Quant Time: Aug 03 01:06:01 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

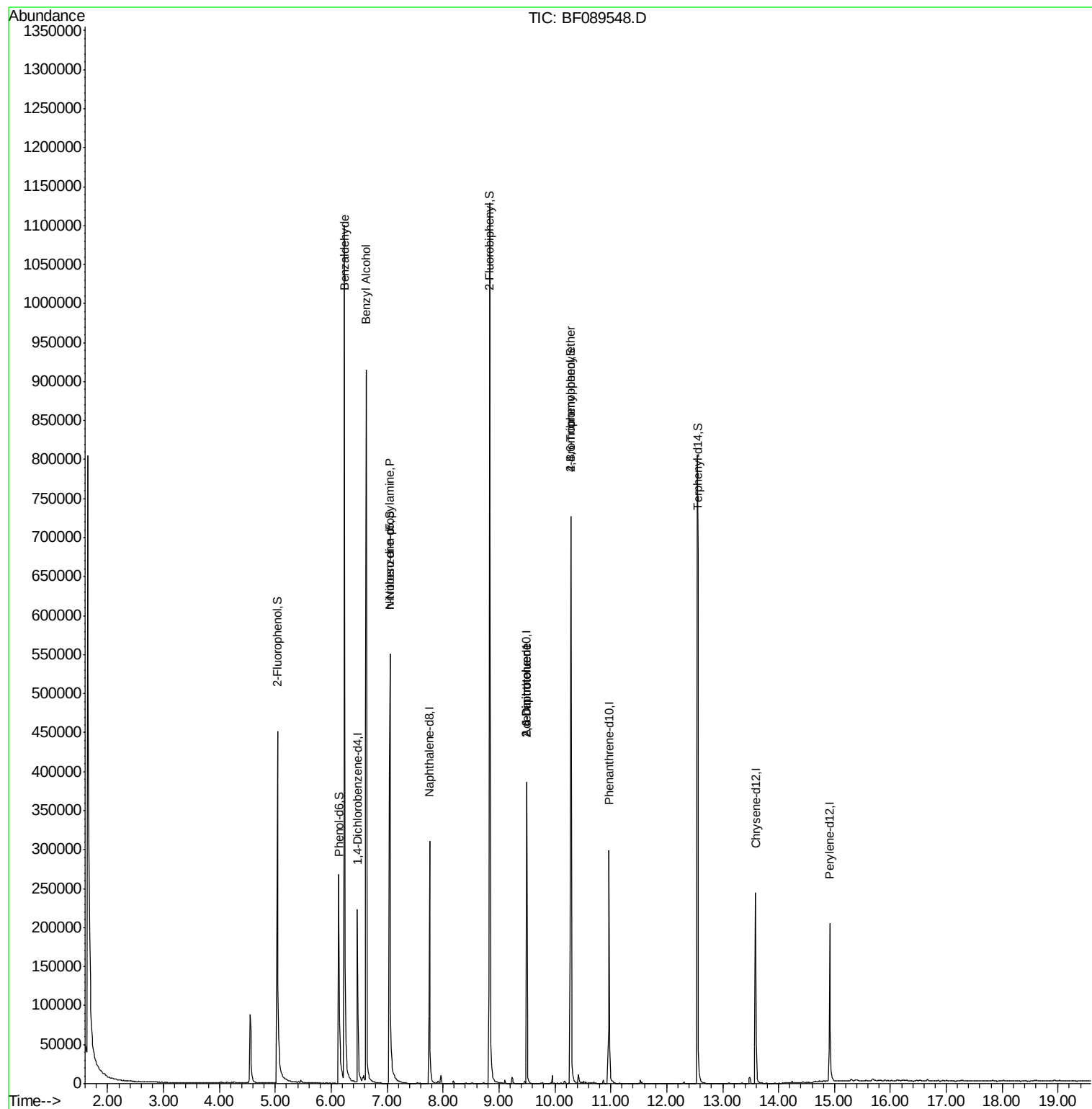
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.47	152	44385	20.00	ng	-0.08
21) Naphthalene-d8	7.76	136	176017	20.00	ng	-0.07
38) Acenaphthene-d10	9.50	164	76368	20.00	ng	-0.08
63) Phenanthrene-d10	10.97	188	132128	20.00	ng	-0.08
75) Chrysene-d12	13.59	240	94831	20.00	ng	-0.08
86) Perylene-d12	14.91	264	86753	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	202338	72.79	ng	-0.07
7) Phenol-d6	6.14	99	188518	51.32	ng	-0.07
23) Nitrobenzene-d5	7.05	82	304007	101.95	ng	-0.07
41) 2,4,6-Tribromophenol	10.28	330	75311	119.07	ng	-0.08
44) 2-Fluorobiphenyl	8.83	172	503417	96.74	ng	-0.08
78) Terphenyl-d14	12.56	244	371099	91.59	ng	-0.07
Target Compounds						
9) Benzaldehyde	6.24	77	8348	4.65	ng	# 78
15) Benzyl Alcohol	6.63	79	4840	2.12	ng	# 50
19) n-Nitroso-di-n-propylamine	7.05	70	39194	17.69	ng	# 77
50) 2,6-Dinitrotoluene	9.50	165	9674	8.10	ng	# 24
56) 2,4-Dinitrotoluene	9.50	165	9674	6.15	ng	# 7
66) 4-Bromophenyl-phenylether	10.28	248	5975	4.74	ng	# 1

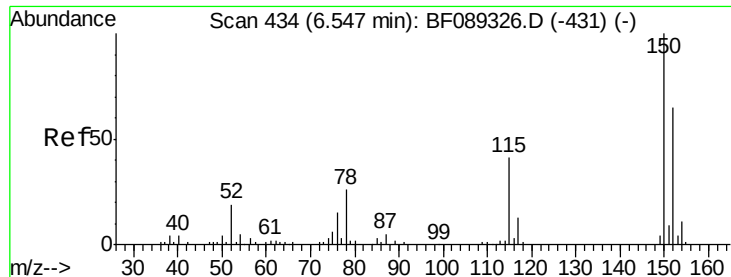
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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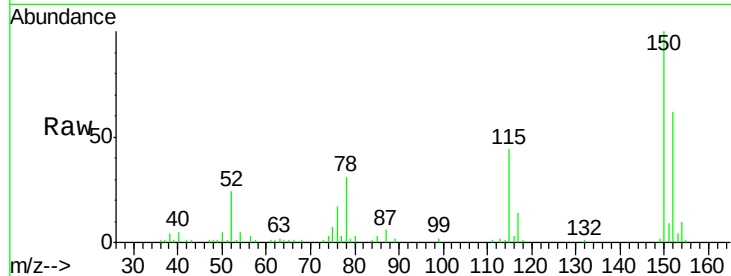


#1

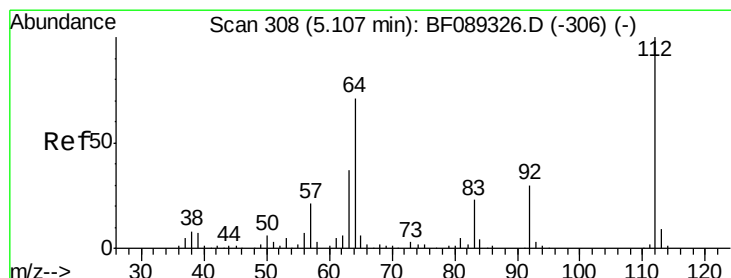
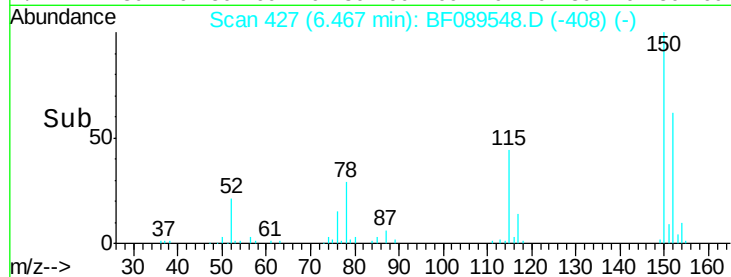
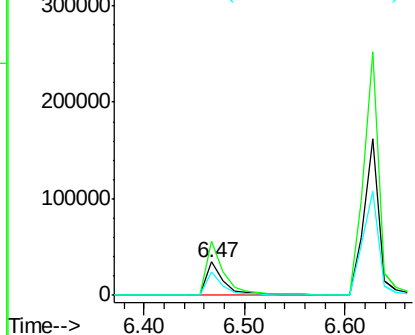
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.47 min Scan# 427
Delta R.T. -0.08 min
Lab File: BF089548.D
Acq: 2 Aug 2016 15:42

Instrument :
BNA_F
ClientSampleId :
GW-53-18.5-20.0

Tgt Ion:152 Resp: 44385
Ion Ratio Lower Upper
152 100
150 161.2 129.5 194.3
115 71.3 51.4 77.2



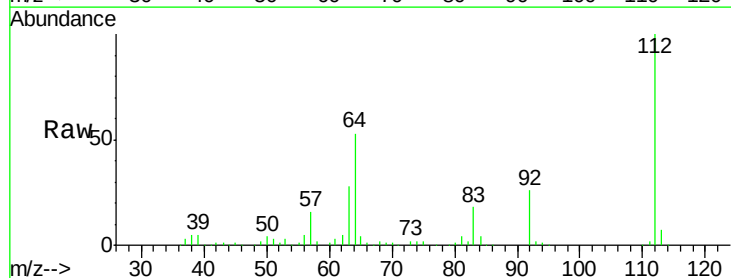
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



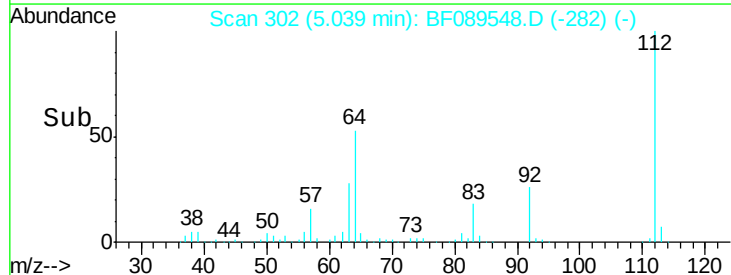
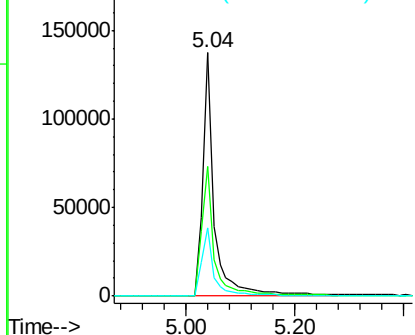
#5

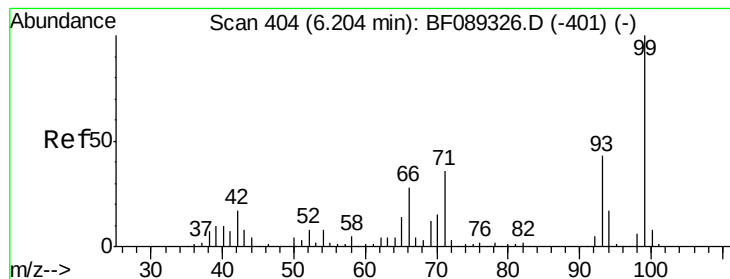
2-Fluorophenol
Concen: 72.79 ng
RT: 5.04 min Scan# 302
Delta R.T. -0.07 min
Lab File: BF089548.D
Acq: 2 Aug 2016 15:42

Tgt Ion:112 Resp: 202338
Ion Ratio Lower Upper
112 100
64 53.5 55.0 82.6#
63 27.9 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: 51.32 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.07 min

Lab File: BF089548.D

Acq: 2 Aug 2016 15:42

Instrument :

BNA_F

ClientSampleId :

GW-53-18.5-20.0

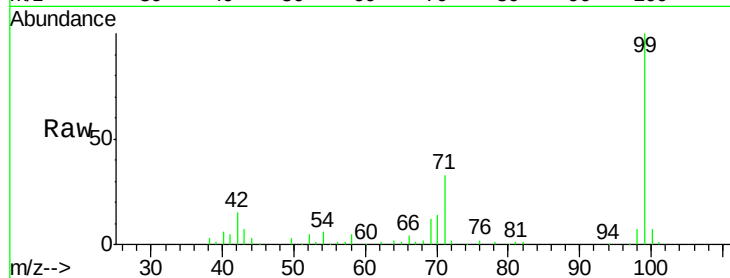
Tgt Ion: 99 Resp: 188518

Ion Ratio Lower Upper

99 100

42 14.9 13.6 20.4

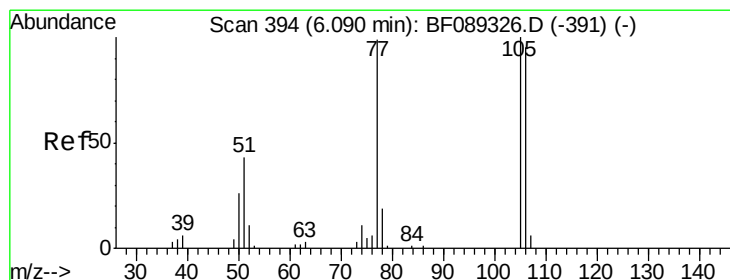
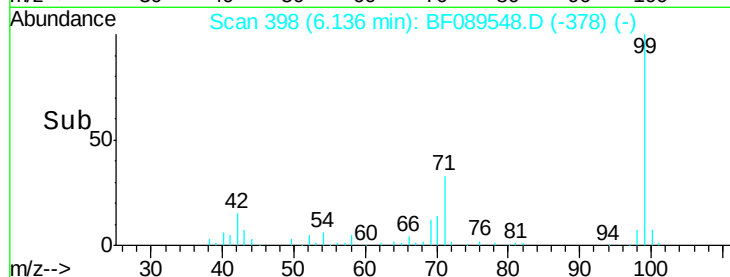
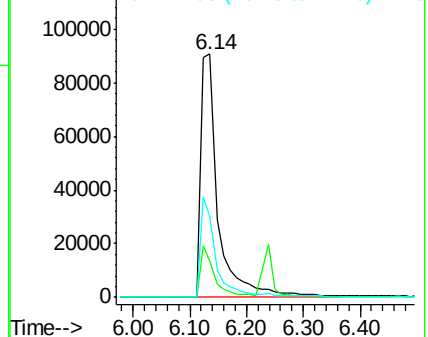
71 33.3 29.4 44.2



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: 4.65 ng

RT: 6.24 min Scan# 407

Delta R.T. 0.15 min

Lab File: BF089548.D

Acq: 2 Aug 2016 15:42

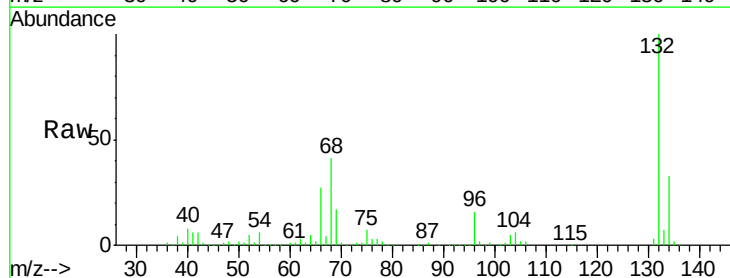
Tgt Ion: 77 Resp: 8348

Ion Ratio Lower Upper

77 100

105 79.1 82.9 122.9#

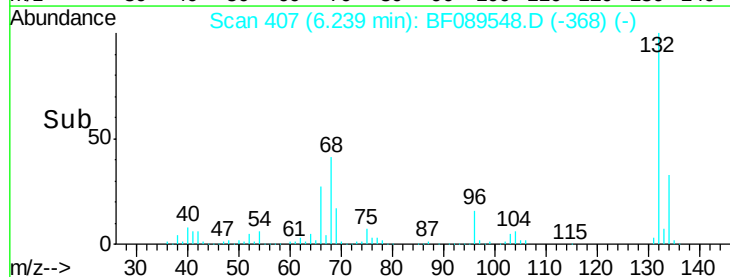
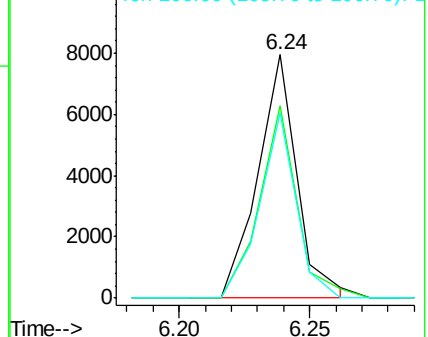
106 75.8 75.9 115.9#

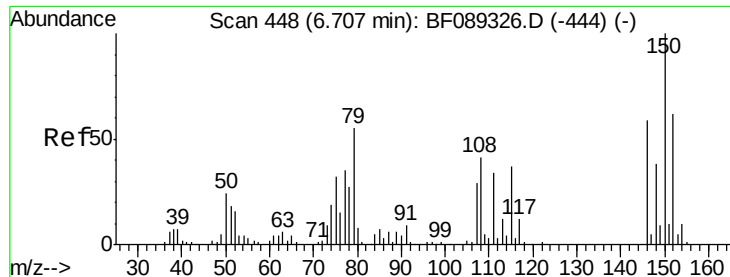


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

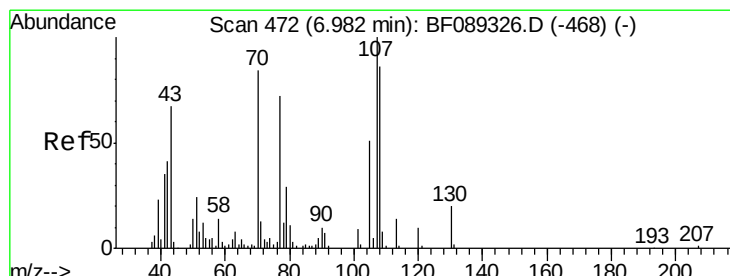
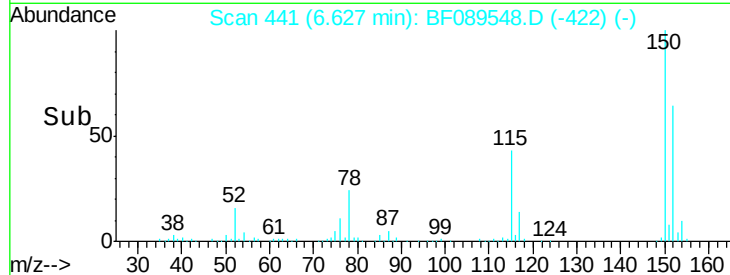
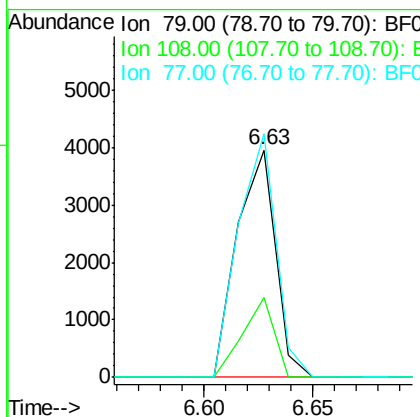
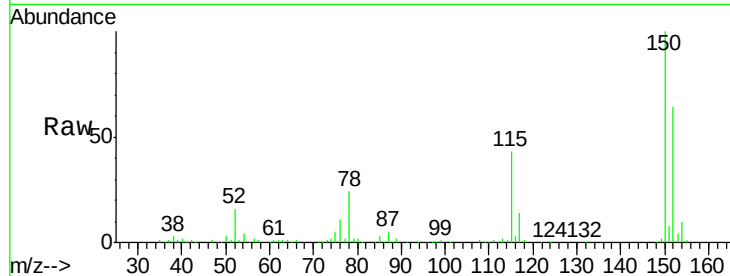




#15
Benzyl Alcohol
Concen: 2.12 ng
RT: 6.63 min Scan# 441
Delta R.T. -0.08 min
Lab File: BF089548.D
Acq: 2 Aug 2016 15:42

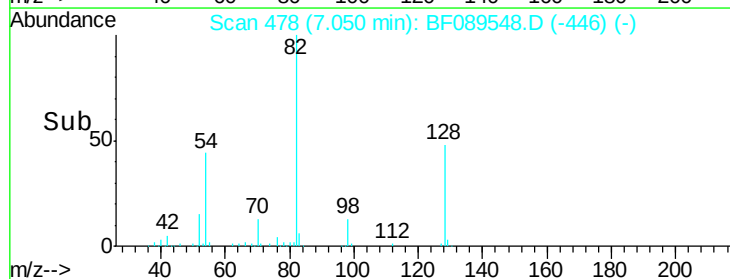
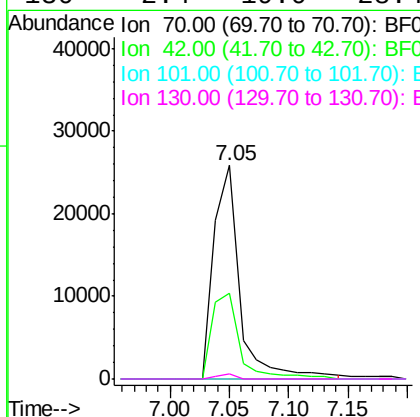
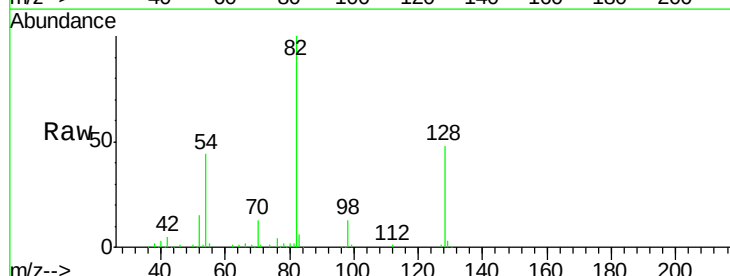
Instrument :
BNA_F
ClientSampleId :
GW-53-18.5-20.0

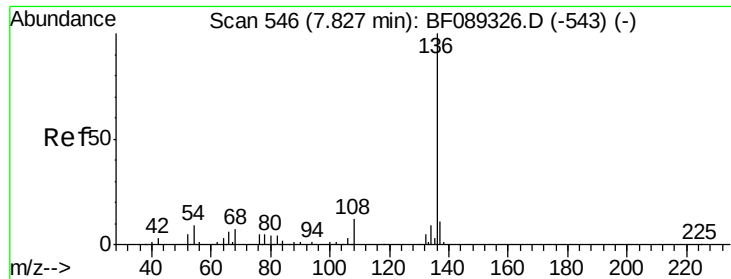
Tgt Ion: 79 Resp: 4840
Ion Ratio Lower Upper
79 100
108 35.1 59.8 89.6#
77 107.1 51.7 77.5#



#19
n-Nitroso-di-n-propylamine
Concen: 17.69 ng
RT: 7.05 min Scan# 478
Delta R.T. 0.07 min
Lab File: BF089548.D
Acq: 2 Aug 2016 15:42

Tgt Ion: 70 Resp: 39194
Ion Ratio Lower Upper
70 100
42 40.3 38.6 57.8
101 0.0 8.3 12.5#
130 2.4 19.0 28.4#

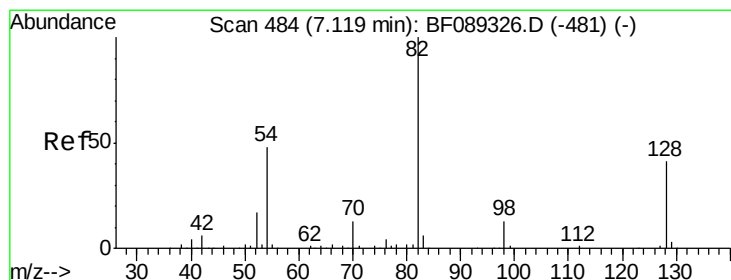
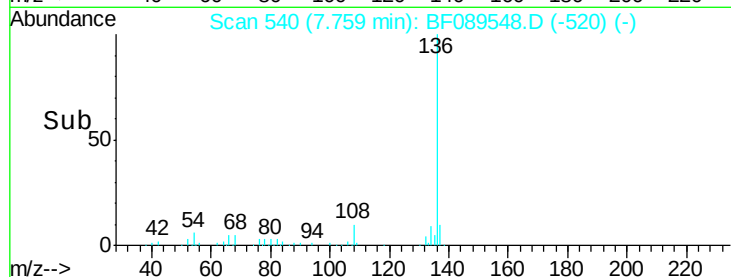
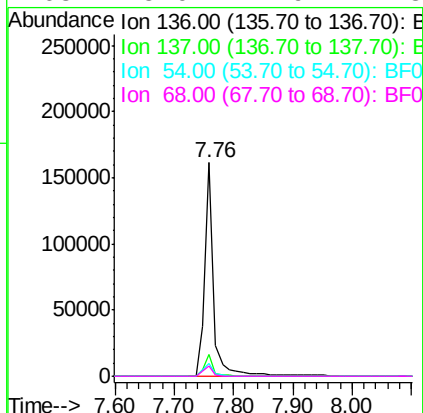
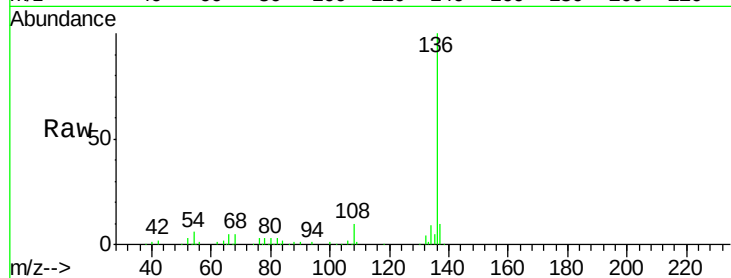




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.76 min Scan# 540
Delta R.T. -0.07 min
Lab File: BF089548.D
Acq: 2 Aug 2016 15:42

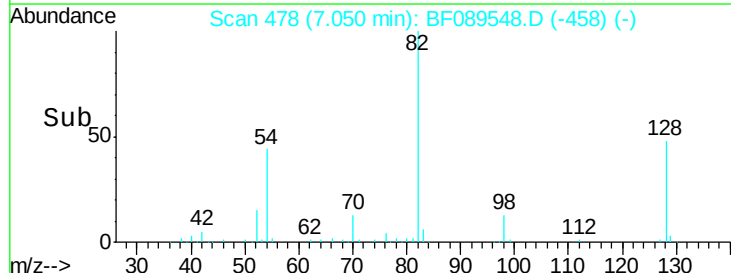
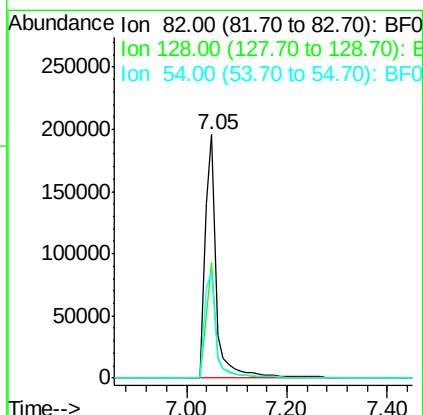
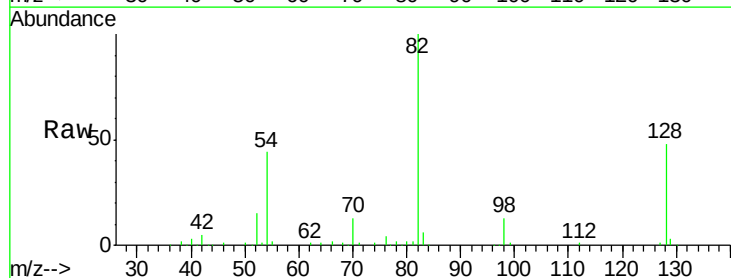
Instrument :
BNA_F
ClientSampleId :
GW-53-18.5-20.0

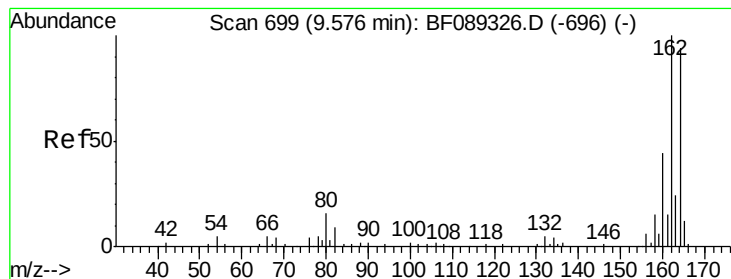
Tgt Ion:	136	Resp:	176017
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	13.0
54	6.1	7.0	10.4#
68	5.0	4.9	7.3



#23
Nitrobenzene-d5
Concen: 101.95 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.07 min
Lab File: BF089548.D
Acq: 2 Aug 2016 15:42

Tgt Ion:	82	Resp:	304007
Ion	Ratio	Lower	Upper
82	100		
128	47.7	32.5	48.7
54	43.9	38.8	58.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.50 min Scan# 692

Delta R.T. -0.08 min

Lab File: BF089548.D

Acq: 2 Aug 2016 15:42

Instrument :

BNA_F

ClientSampleId :

GW-53-18.5-20.0

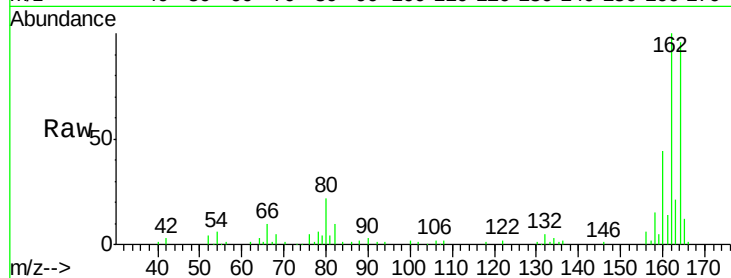
Tgt Ion:164 Resp: 76368

Ion Ratio Lower Upper

164 100

162 104.3 83.7 125.5

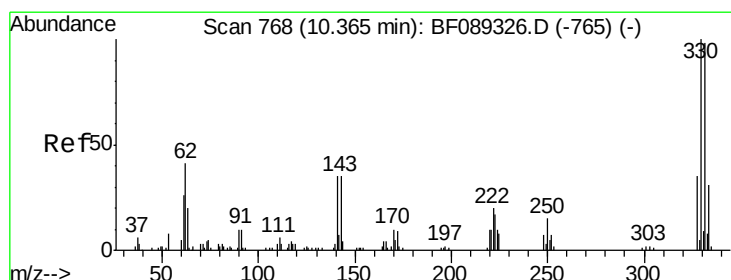
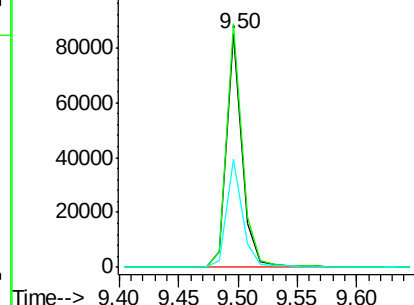
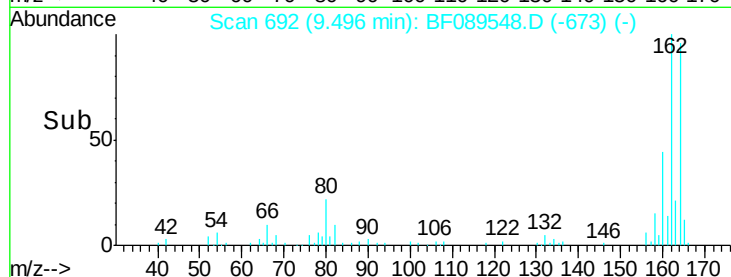
160 46.2 37.8 56.6



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: 119.07 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.08 min

Lab File: BF089548.D

Acq: 2 Aug 2016 15:42

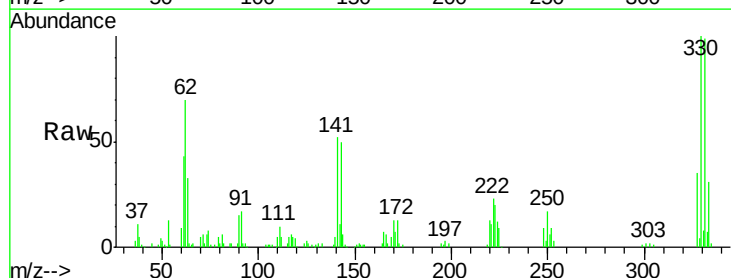
Tgt Ion:330 Resp: 75311

Ion Ratio Lower Upper

330 100

332 98.6 76.8 115.2

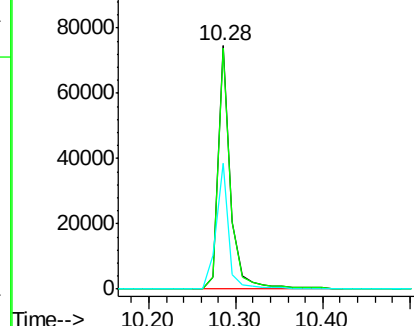
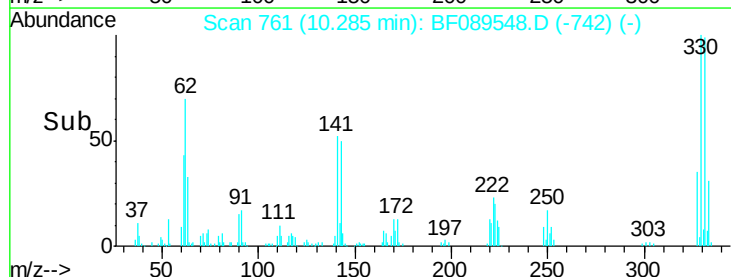
141 52.7 37.3 55.9

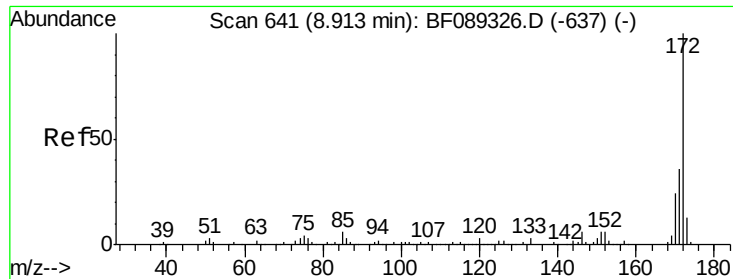


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

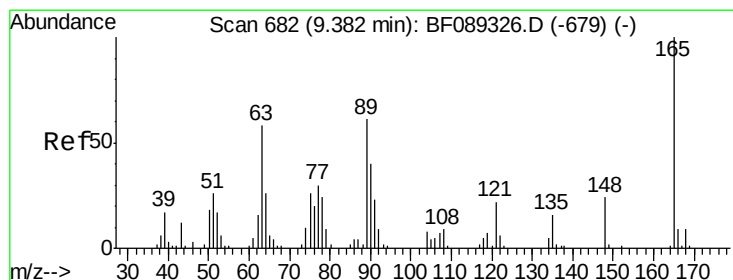
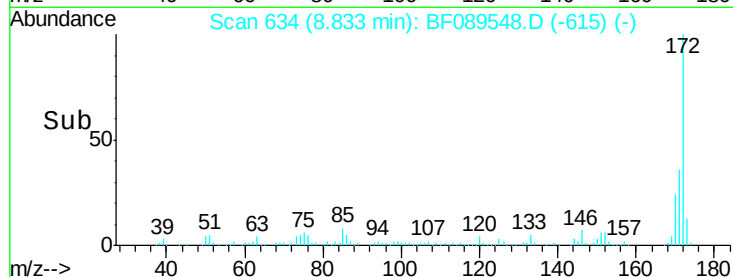
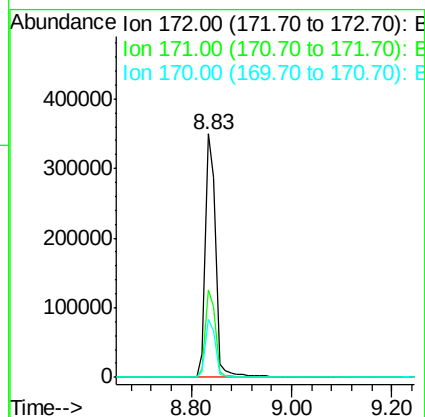
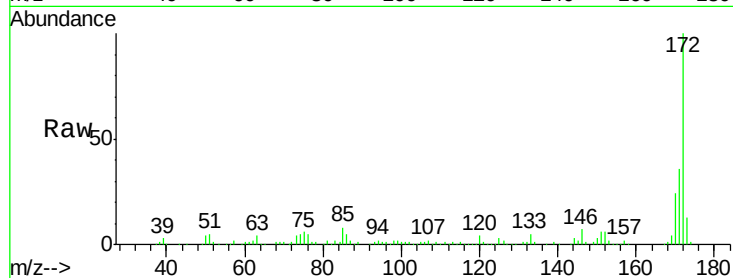




#44
 2-Fluorobiphenyl
 Concen: 96.74 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.08 min
 Lab File: BF089548.D
 Acq: 2 Aug 2016 15:42

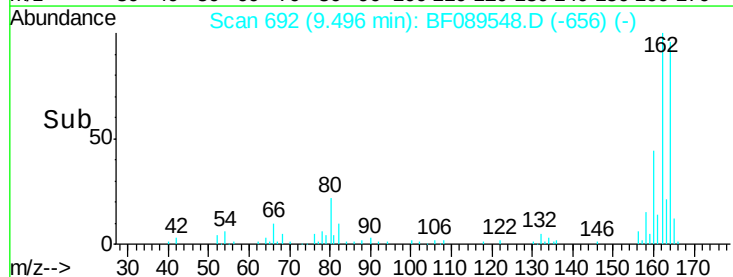
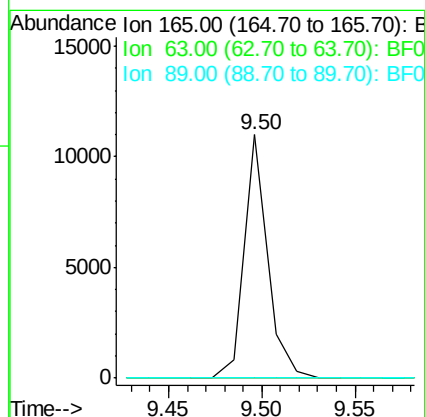
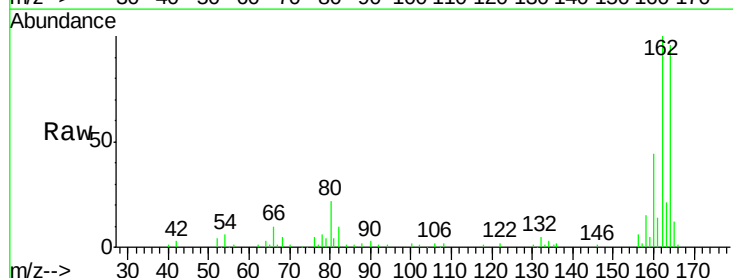
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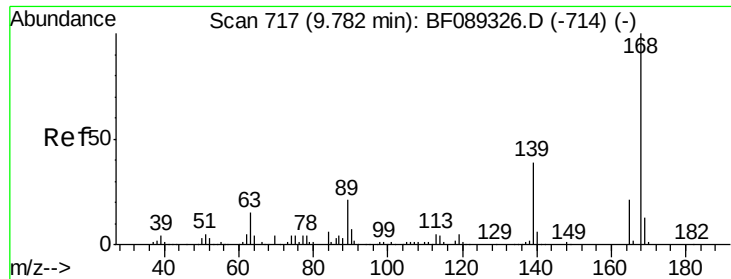
Tgt Ion:172 Resp: 503417
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.2 43.8
 170 23.6 19.2 28.8



#50
 2,6-Dinitrotoluene
 Concen: 8.10 ng
 RT: 9.50 min Scan# 692
 Delta R.T. 0.11 min
 Lab File: BF089548.D
 Acq: 2 Aug 2016 15:42

Tgt Ion:165 Resp: 9674
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.5 65.3#
 89 0.0 45.0 67.4#

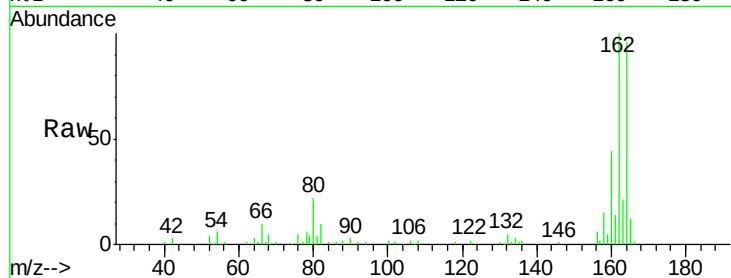




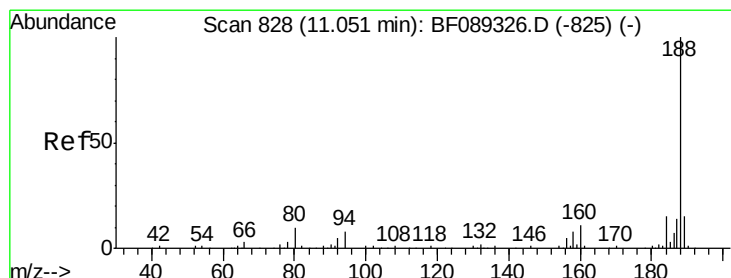
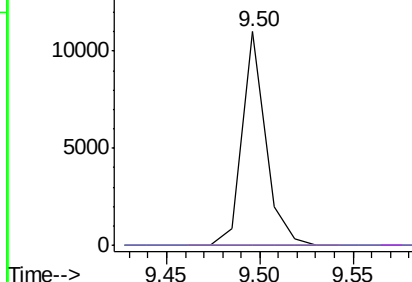
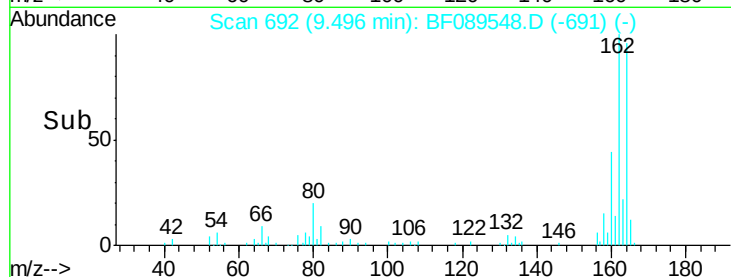
#56
 2,4-Dinitrotoluene
 Concen: 6.15 ng
 RT: 9.50 min Scan# 692
 Delta R.T. -0.29 min
 Lab File: BF089548.D
 Acq: 2 Aug 2016 15:42

Instrument :
 BNA_F
 ClientSampleId :
 GW-53-18.5-20.0

Tgt Ion:165 Resp: 9674
 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#

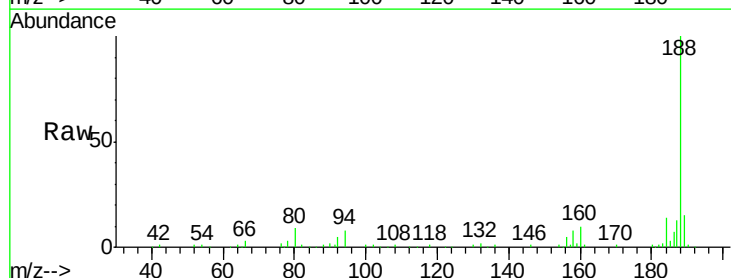


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

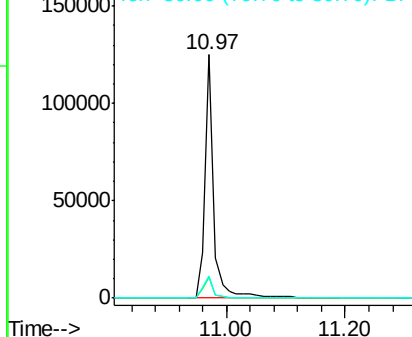
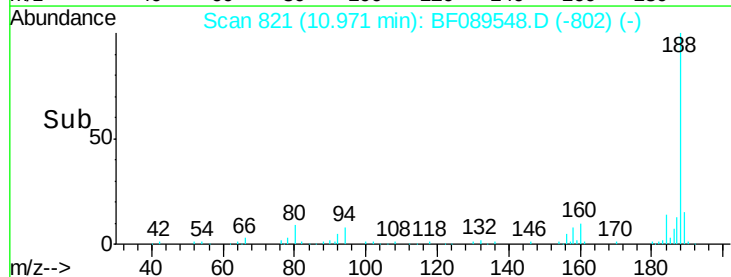


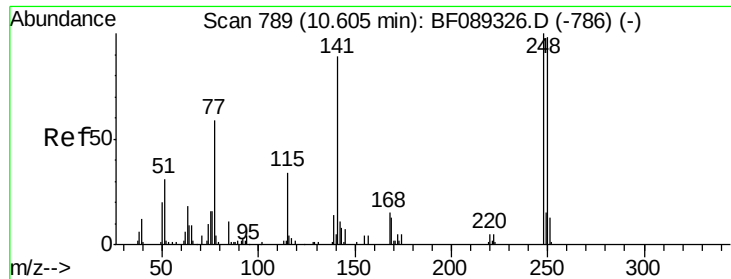
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.97 min Scan# 821
 Delta R.T. -0.08 min
 Lab File: BF089548.D
 Acq: 2 Aug 2016 15:42

Tgt Ion:188 Resp: 132128
 Ion Ratio Lower Upper
 188 100
 94 8.4 6.5 9.7
 80 9.3 7.2 10.8



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

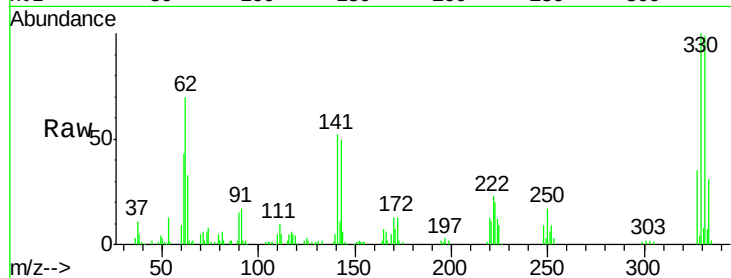




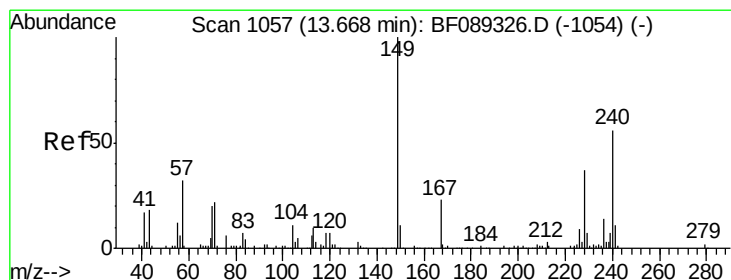
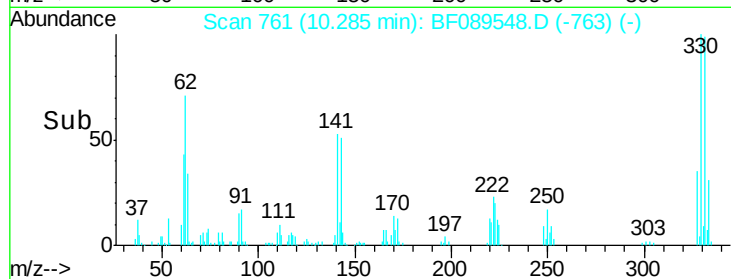
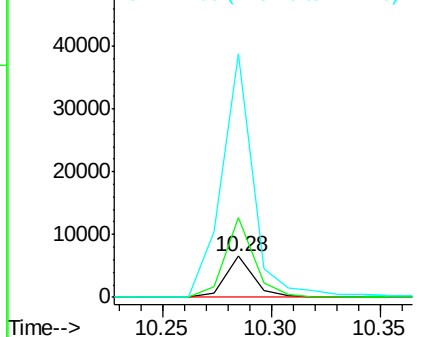
#66
4-Bromophenyl-phenylether
Concen: 4.74 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.32 min
Lab File: BF089548.D
Acq: 2 Aug 2016 15:42

Instrument :
BNA_F
ClientSampleId :
GW-53-18.5-20.0

Tgt Ion:248 Resp: 5975
Ion Ratio Lower Upper
248 100
250 195.8 78.2 117.2#
141 597.2 62.0 93.0#

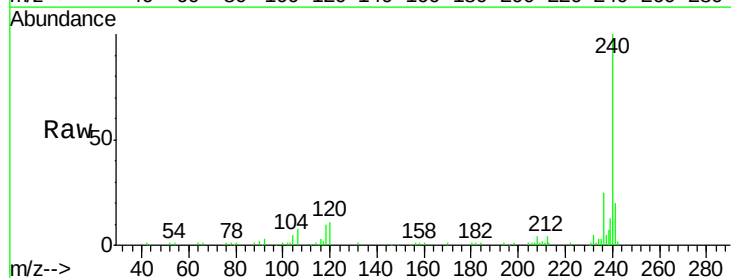


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

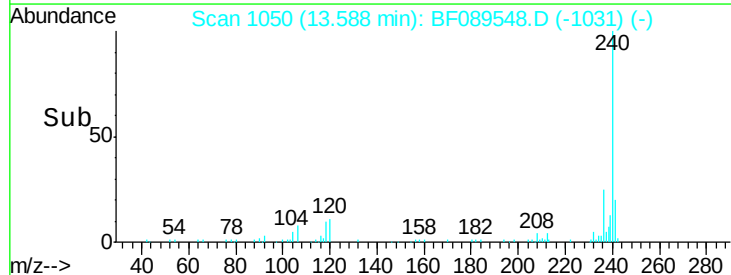
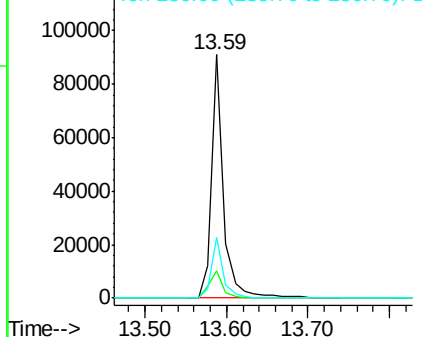


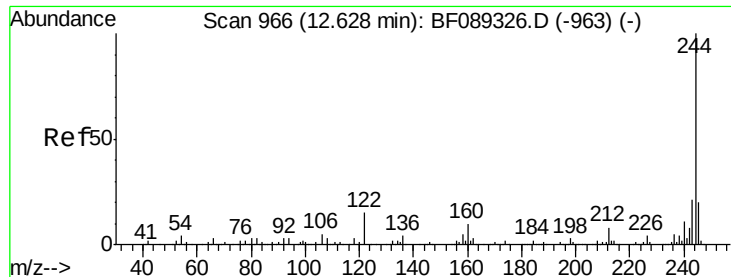
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.59 min Scan# 1050
Delta R.T. -0.08 min
Lab File: BF089548.D
Acq: 2 Aug 2016 15:42

Tgt Ion:240 Resp: 94831
Ion Ratio Lower Upper
240 100
120 11.2 9.1 13.7
236 25.0 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

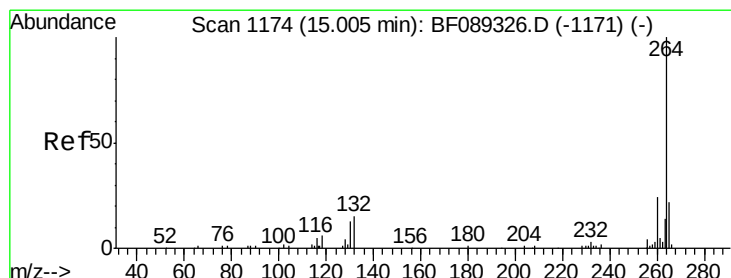
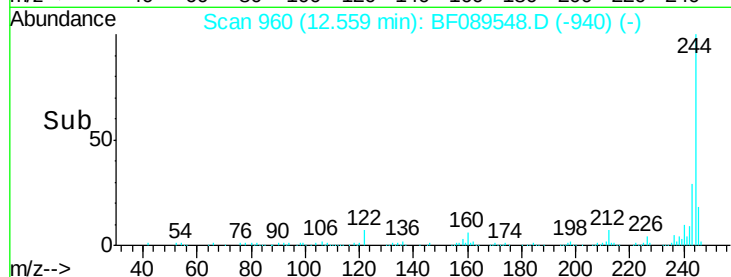
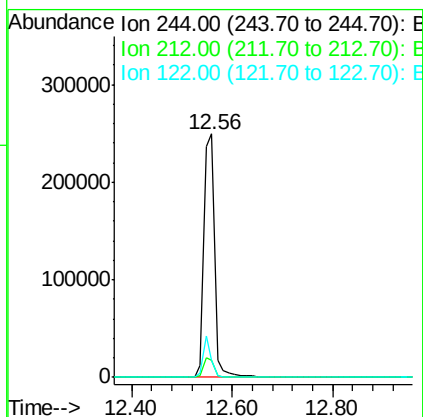
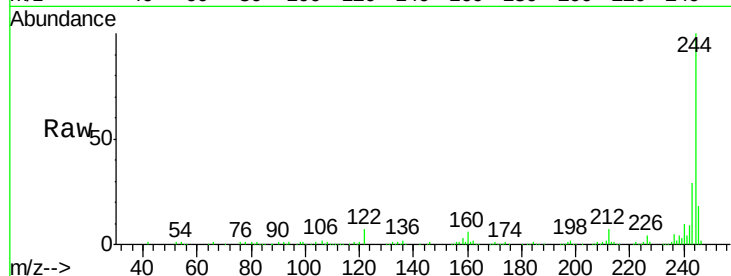




#78
 Terphenyl-d14
 Concen: 91.59 ng
 RT: 12.56 min Scan# 960
 Delta R.T. -0.07 min
 Lab File: BF089548.D
 Acq: 2 Aug 2016 15:42

Instrument :
 BNA_F
 ClientSampleId :
 GW-53-18.5-20.0

Tgt Ion:244 Resp: 371099
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.5 9.7
 122 7.1 11.4 17.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.91 min Scan# 1166
 Delta R.T. -0.09 min
 Lab File: BF089548.D
 Acq: 2 Aug 2016 15:42

Tgt Ion:264 Resp: 86753
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.4
 265 21.4 17.5 26.3

