

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011218\
 Data File : BG032027.D
 Acq On : 13 Jan 2018 7:02
 Operator : SJ/JU
 Sample : J1098-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OWS-1

Quant Time: Jan 15 09:56:43 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 12 17:27:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	55385	20.00	ng	0.00
21) Naphthalene-d8	11.66	136	224374	20.00	ng	0.00
38) Acenaphthene-d10	15.40	164	152114	20.00	ng	0.00
63) Phenanthrene-d10	18.14	188	385212	20.00	ng	0.00
75) Chrysene-d12	22.47	240	437827	20.00	ng	-0.01
86) Perylene-d12	26.20	264	461196	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.20	112	365924	120.84	ng	0.00
7) Phenol-d6	7.88	99	410047	107.51	ng	0.00
23) Nitrobenzene-d5	9.97	82	295287	89.04	ng	0.00
41) 2,4,6-Tribromophenol	16.88	330	336719	133.77	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	1046232	85.28	ng	0.00
78) Terphenyl-d14	20.67	244	1873291	94.47	ng	0.00

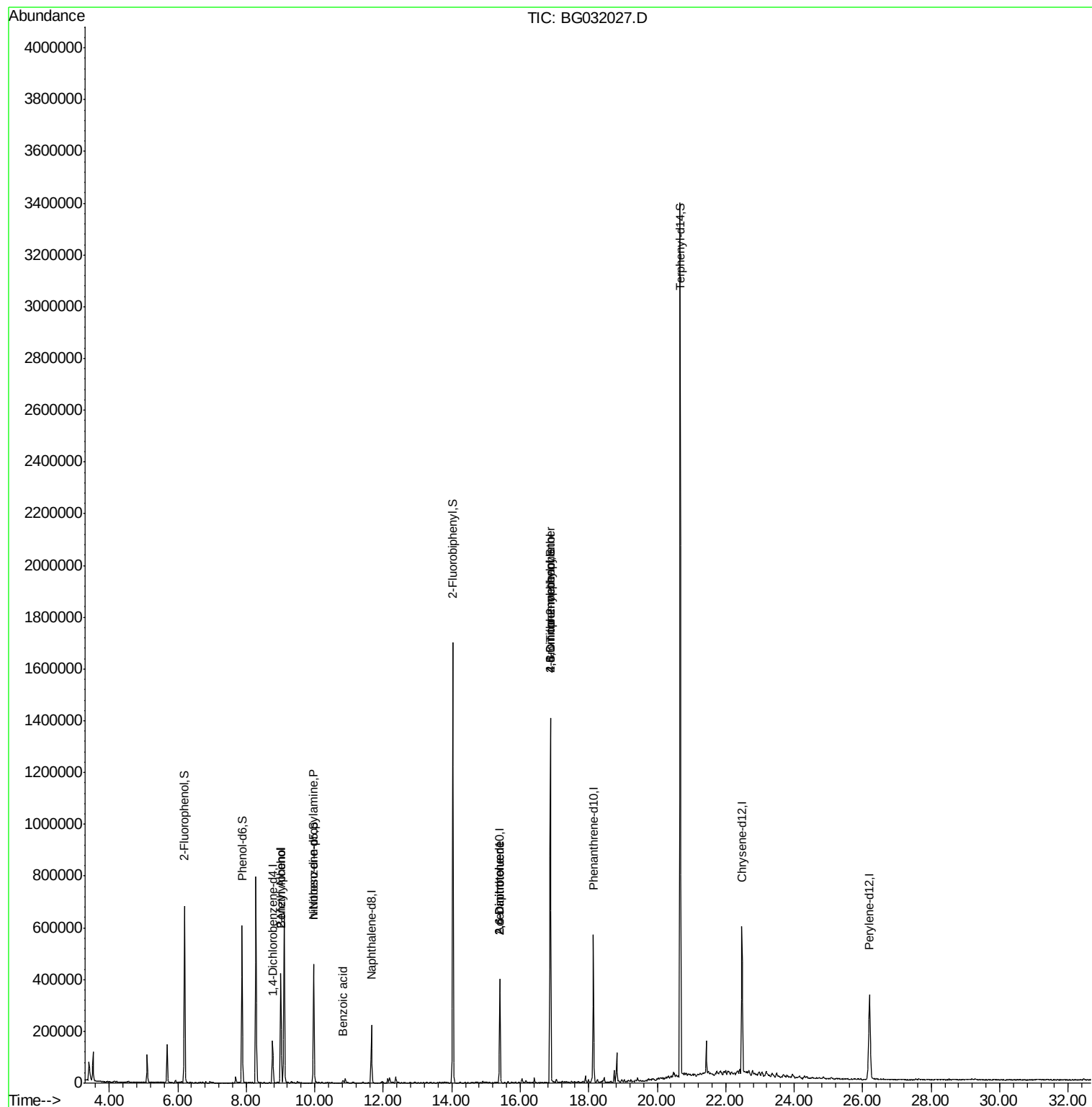
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	9.01	79	159533	57.580	ng	90
17) 2-Methylphenol	9.01	107	91362	31.820	ng	# 15
19) n-Nitroso-di-n-propylamine	9.97	70	40581	17.149	ng	# 69
32) Benzoic acid	10.81	122	3814	6.617	ng	# 76
50) 2,6-Dinitrotoluene	15.40	165	19934	7.215	ng	# 21
56) 2,4-Dinitrotoluene	15.40	165	19934	5.359	ng	# 19
64) 4,6-Dinitro-2-methylphenol	16.88	198	767	5.164	ng	# 1
66) 4-Bromophenyl-phenylether	16.88	248	27616	5.039	ng	# 1

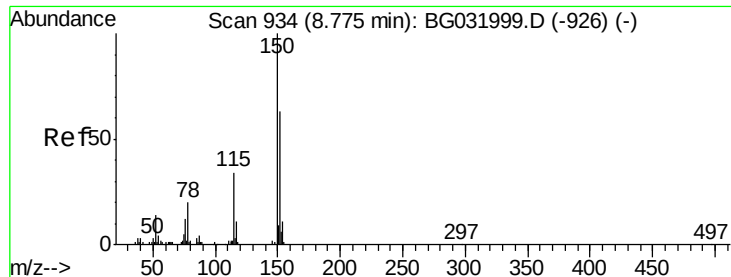
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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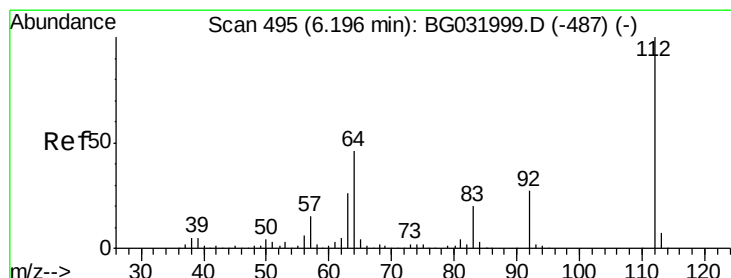
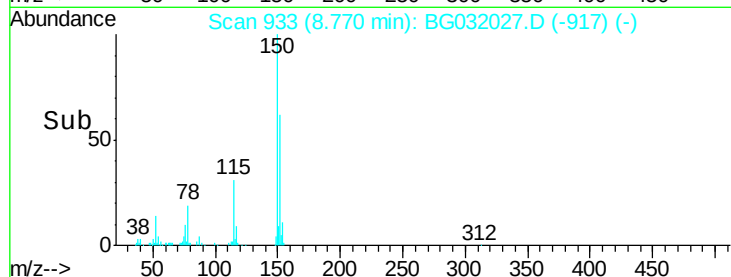
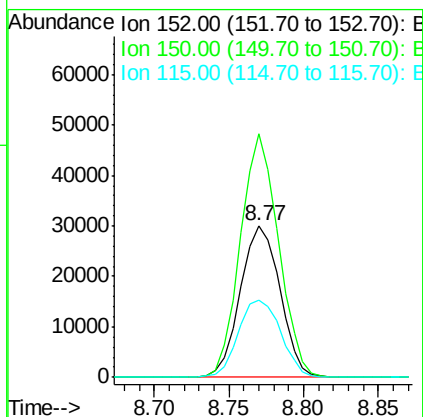
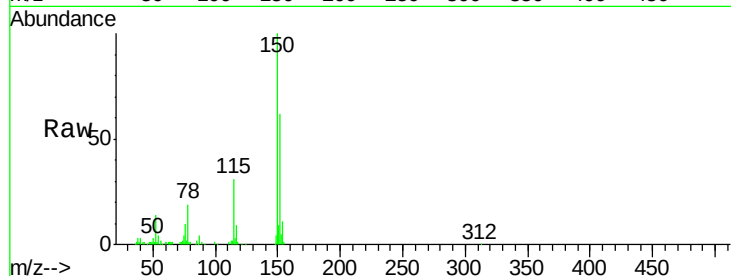


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.77 min Scan# 933
Delta R.T. -0.00 min
Lab File: BG032027.D
Acq: 13 Jan 2018 7:02

Instrument :
BNA_G
ClientSampleId :
OWS-1

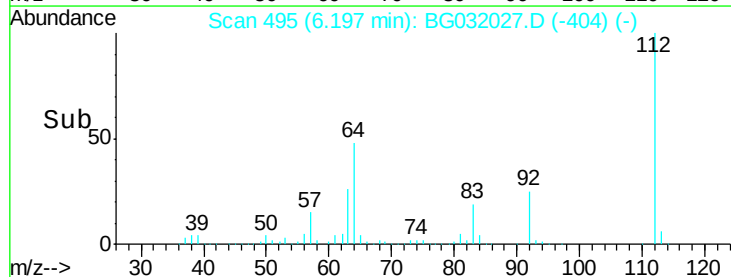
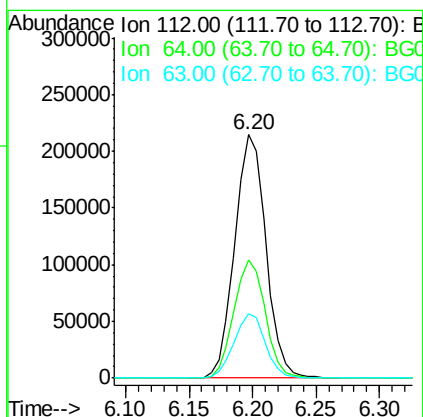
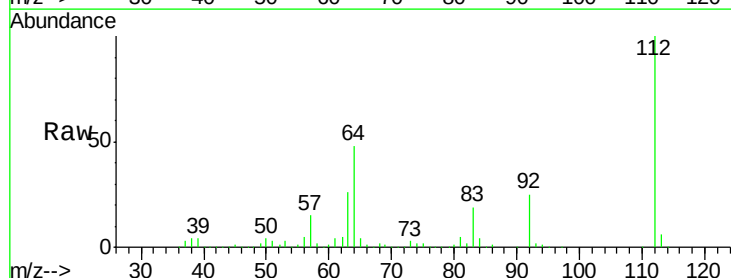
Tgt Ion:152 Resp: 55385
Ion Ratio Lower Upper
152 100
150 160.5 126.6 189.8
115 50.5 53.0 79.4#

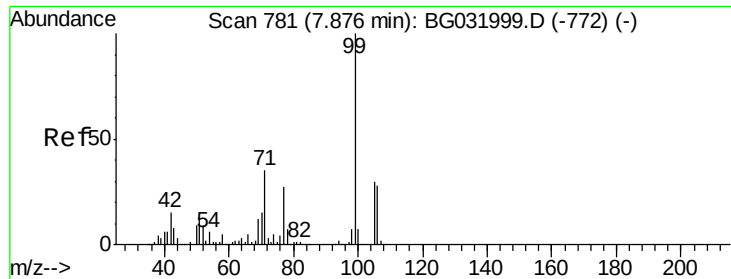


#5

2-Fluorophenol
Concen: 120.836 ng
RT: 6.20 min Scan# 495
Delta R.T. 0.00 min
Lab File: BG032027.D
Acq: 13 Jan 2018 7:02

Tgt Ion:112 Resp: 365924
Ion Ratio Lower Upper
112 100
64 48.3 56.3 84.5#
63 26.5 30.1 45.1#





#7

Phenol-d6

Concen: 107.513 ng

RT: 7.88 min Scan# 781

Delta R.T. 0.00 min

Lab File: BG032027.D

Acq: 13 Jan 2018 7:02

Instrument :

BNA_G

ClientSampleId :

OWS-1

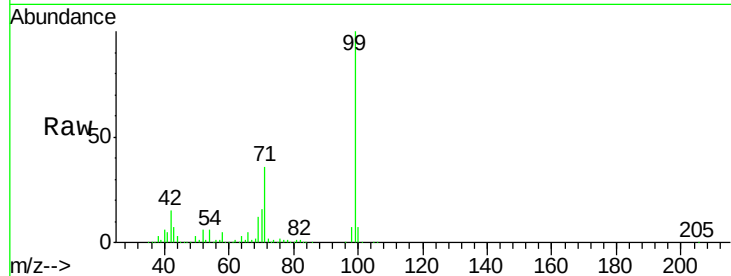
Tgt Ion: 99 Resp: 410047

Ion Ratio Lower Upper

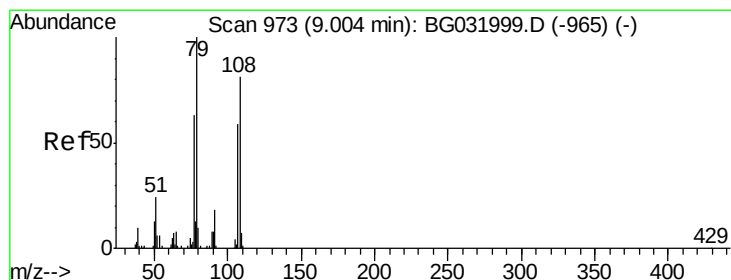
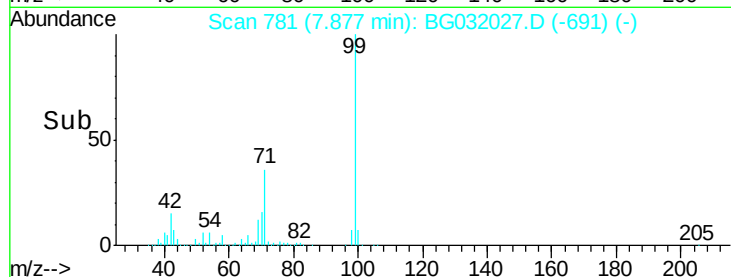
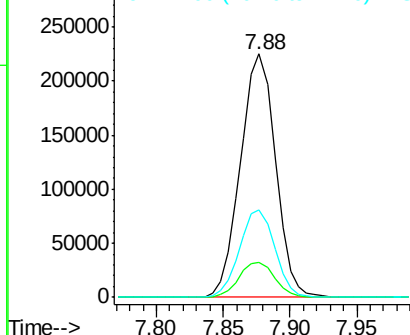
99 100

42 14.6 14.1 21.1

71 36.0 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#15

Benzyl Alcohol

Concen: 57.580 ng

RT: 9.01 min Scan# 973

Delta R.T. 0.00 min

Lab File: BG032027.D

Acq: 13 Jan 2018 7:02

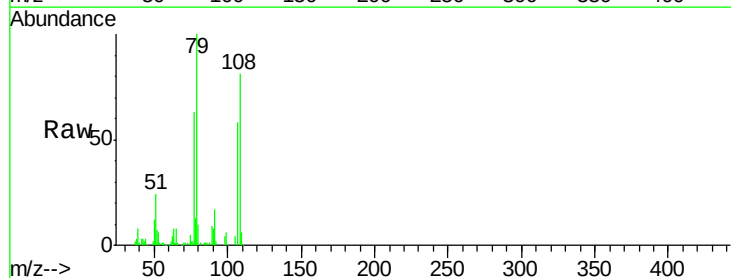
Tgt Ion: 79 Resp: 159533

Ion Ratio Lower Upper

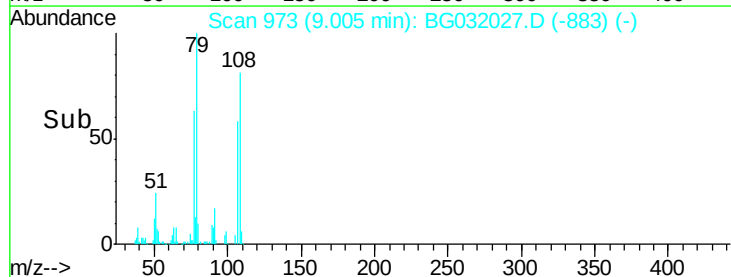
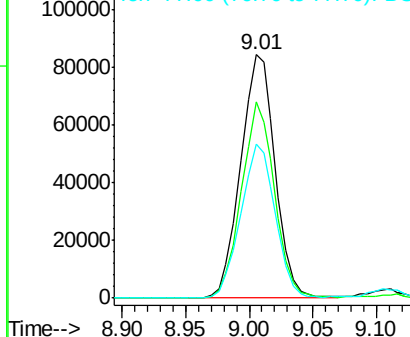
79 100

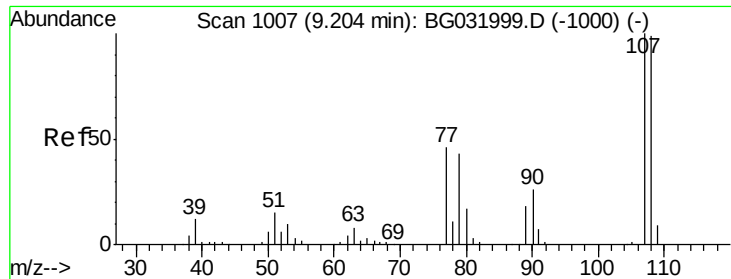
108 80.8 57.2 85.8

77 63.4 46.1 69.1



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC





#17

2-Methylphenol

Concen: 31.820 ng

RT: 9.01 min Scan# 973

Delta R.T. -0.20 min

Lab File: BG032027.D

Acq: 13 Jan 2018 7:02

Instrument :

BNA_G

ClientSampleId :

OWS-1

Tgt Ion: 107 Resp: 91362

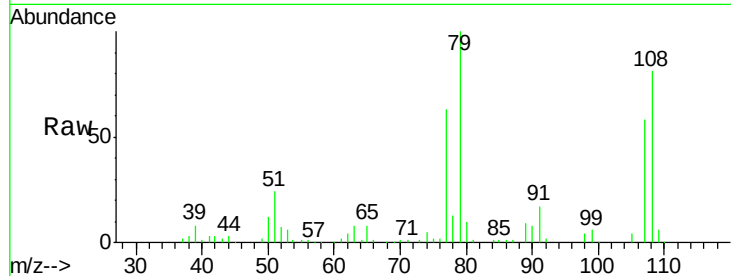
Ion Ratio Lower Upper

107 100

108 139.4 83.9 125.9#

77 109.3 37.2 55.8#

79 172.5 36.2 54.2#



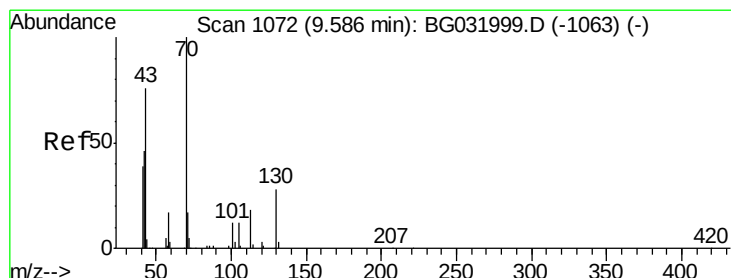
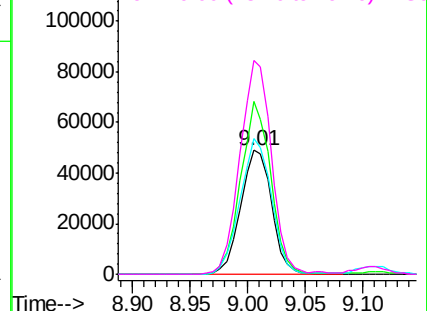
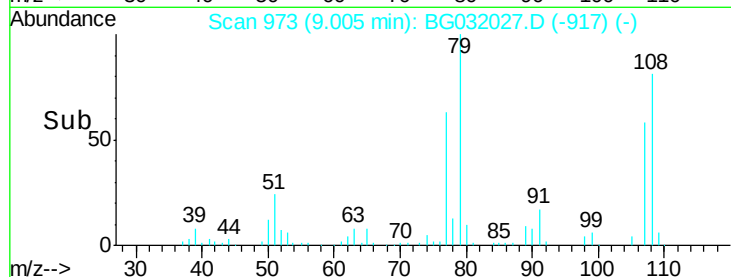
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 17.149 ng

RT: 9.97 min Scan# 1137

Delta R.T. 0.38 min

Lab File: BG032027.D

Acq: 13 Jan 2018 7:02

Tgt Ion: 70 Resp: 40581

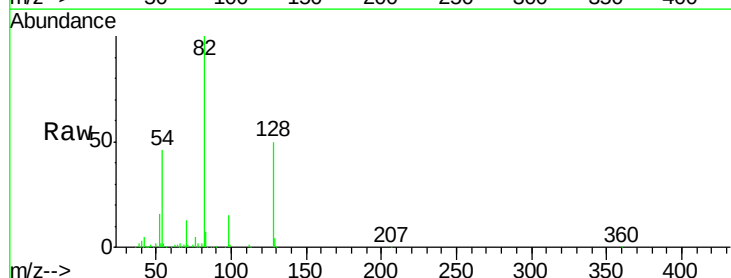
Ion Ratio Lower Upper

70 100

42 37.7 49.1 73.7#

101 0.0 8.5 12.7#

130 3.0 13.4 20.0#



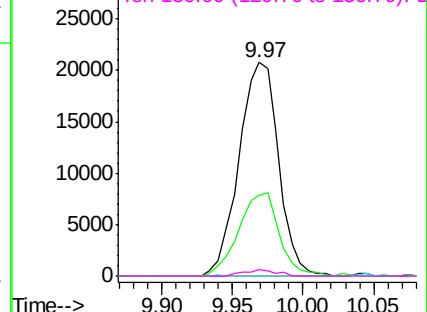
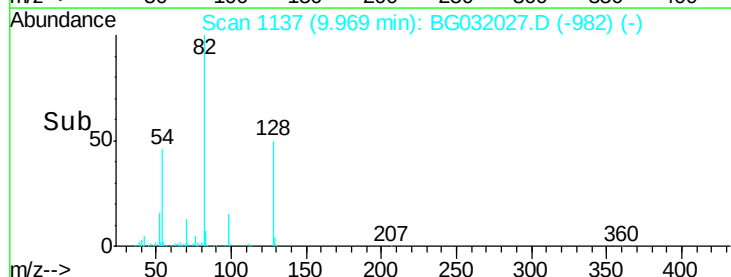
Abundance

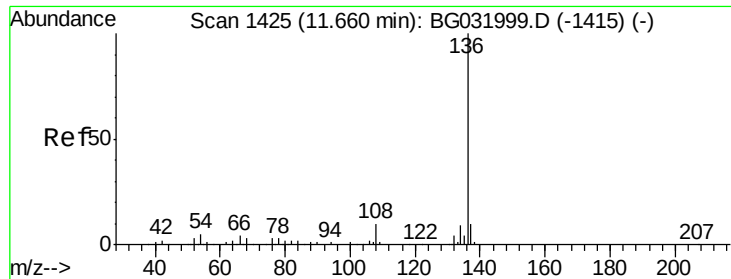
Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

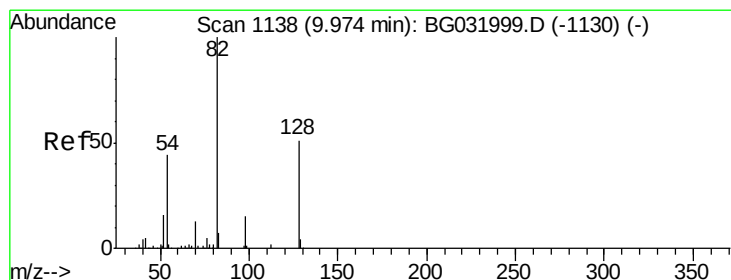
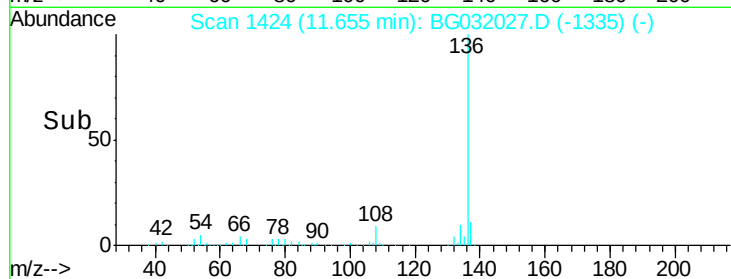
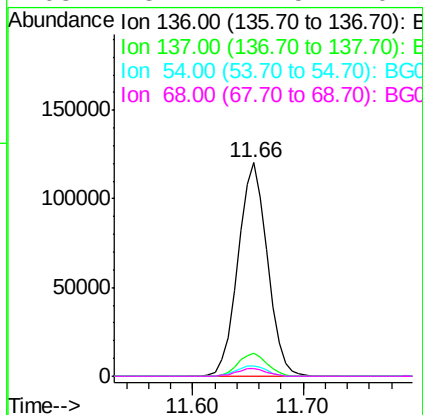
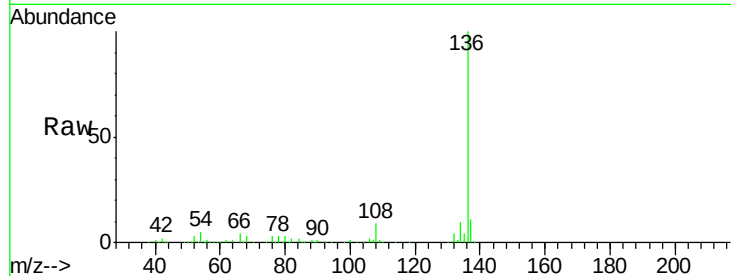




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.66 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BG032027.D
Acq: 13 Jan 2018 7:02

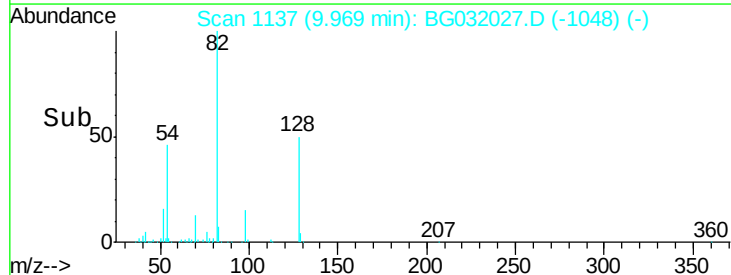
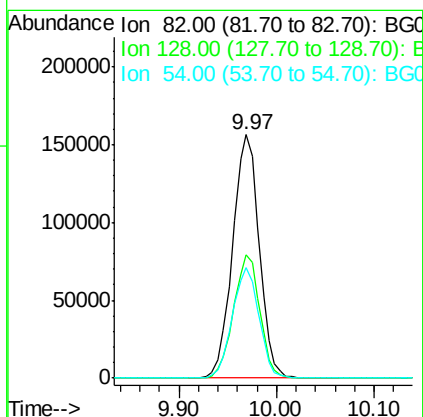
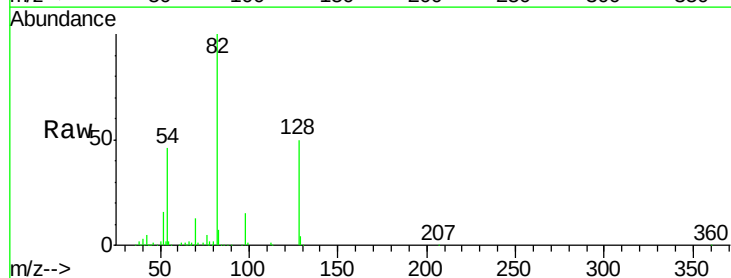
Instrument :
BNA_G
ClientSampleId :
OWS-1

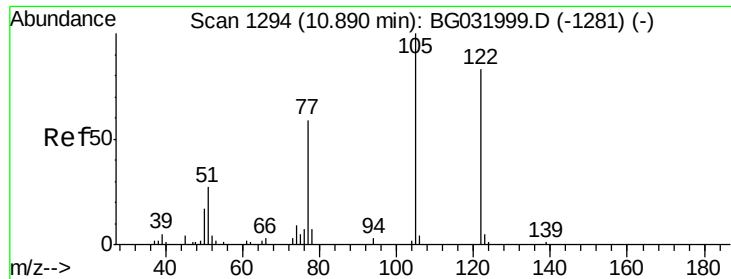
Tgt Ion:	136	Resp:	224374
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	4.7	10.3	15.5#
68	3.4	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 89.036 ng
RT: 9.97 min Scan# 1137
Delta R.T. -0.00 min
Lab File: BG032027.D
Acq: 13 Jan 2018 7:02

Tgt Ion:	82	Resp:	295287
Ion	Ratio	Lower	Upper
82	100		
128	50.5	29.7	44.5#
54	45.6	43.1	64.7

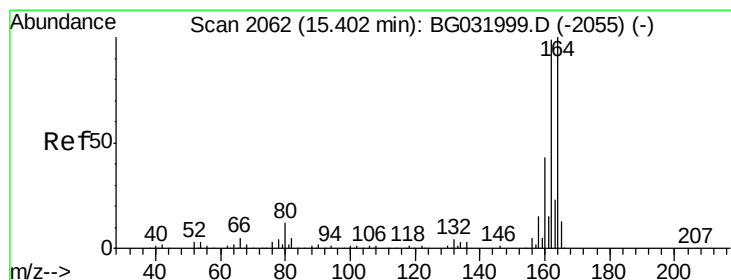
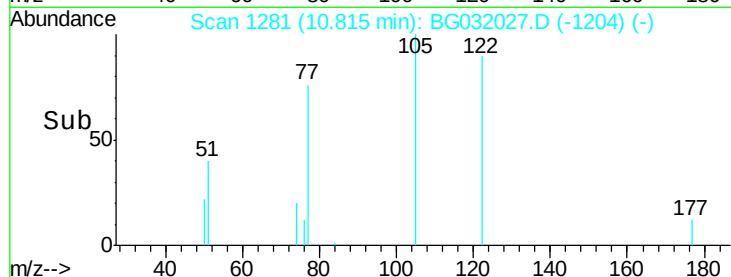
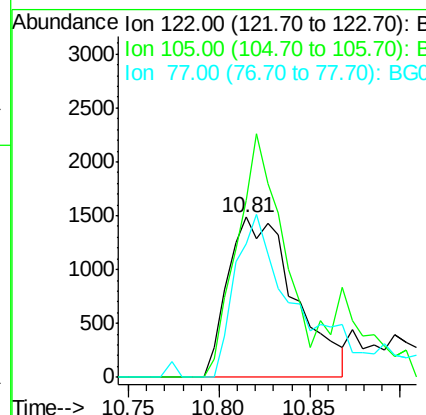
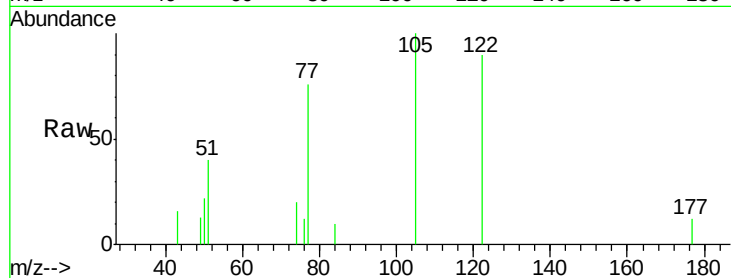




#32
Benzoic acid
Concen: 6.617 ng
RT: 10.81 min Scan# 1281
Delta R.T. -0.08 min
Lab File: BG032027.D
Acq: 13 Jan 2018 7:02

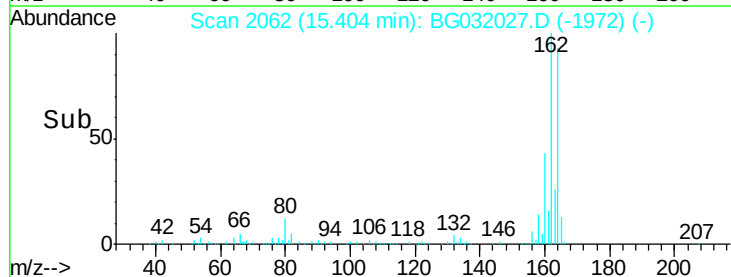
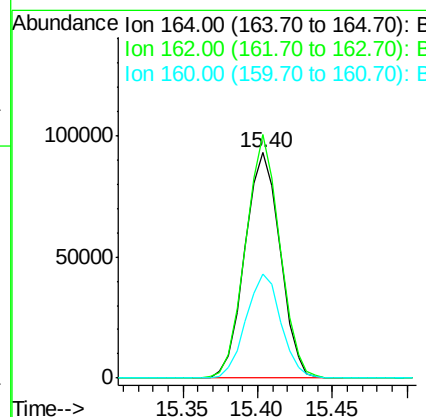
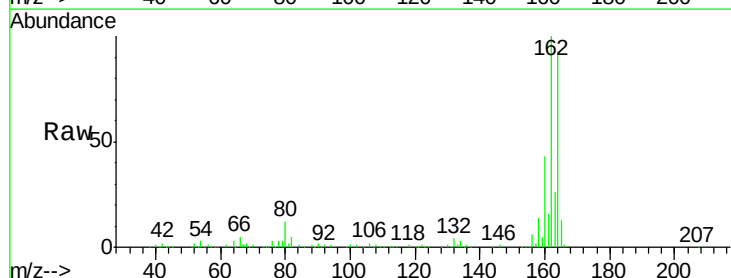
Instrument :
BNA_G
ClientSampleId :
OWS-1

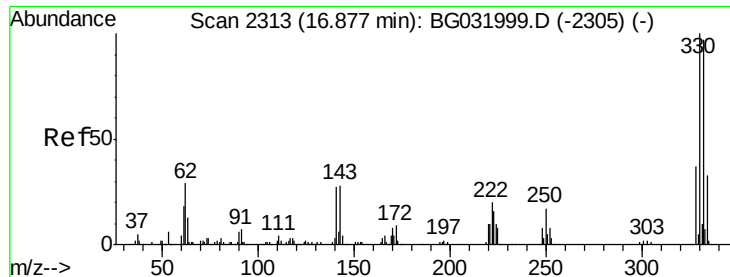
Tgt Ion:122 Resp: 3814
Ion Ratio Lower Upper
122 100
105 110.6 123.5 163.5#
77 83.5 85.7 125.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.40 min Scan# 2062
Delta R.T. 0.00 min
Lab File: BG032027.D
Acq: 13 Jan 2018 7:02

Tgt Ion:164 Resp: 152114
Ion Ratio Lower Upper
164 100
162 108.0 78.8 118.2
160 46.1 35.4 53.0

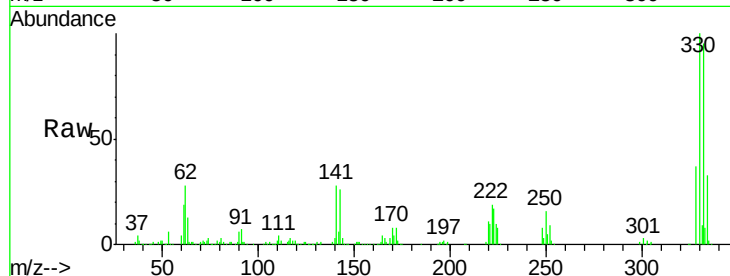




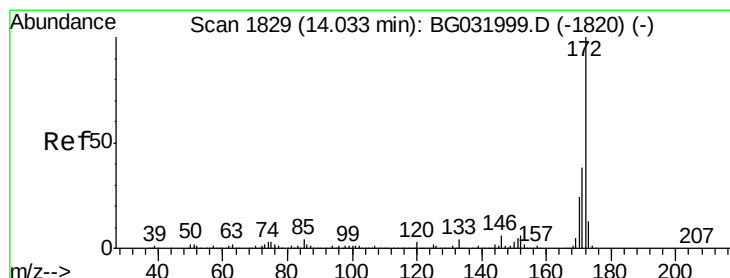
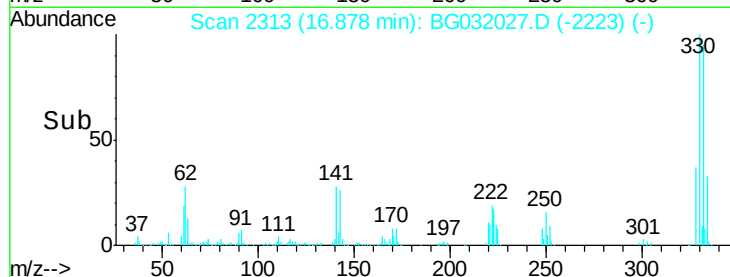
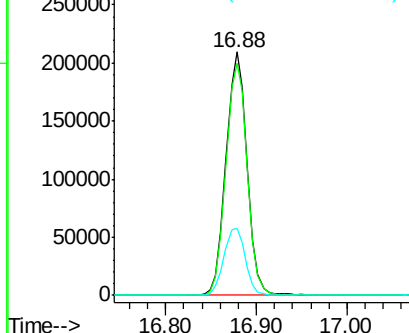
#41
 2,4,6-Tribromophenol
 Concen: 133.771 ng
 RT: 16.88 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: BG032027.D
 Acq: 13 Jan 2018 7:02

Instrument :
 BNA_G
 ClientSampled :
 OWS-1

Tgt Ion:330 Resp: 336719
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 28.2 25.2 37.8

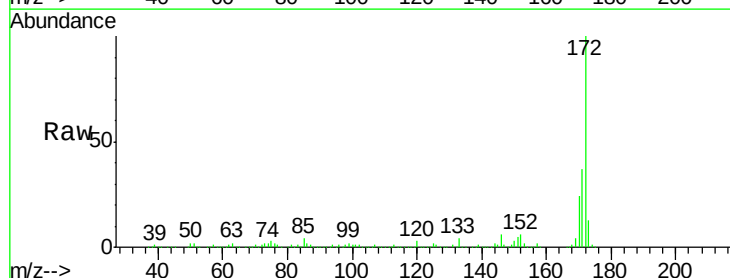


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

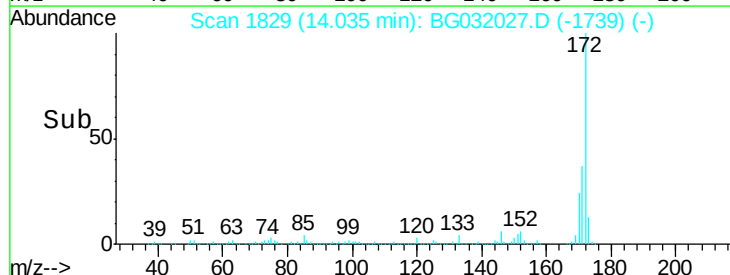
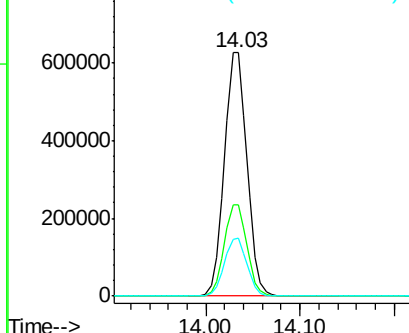


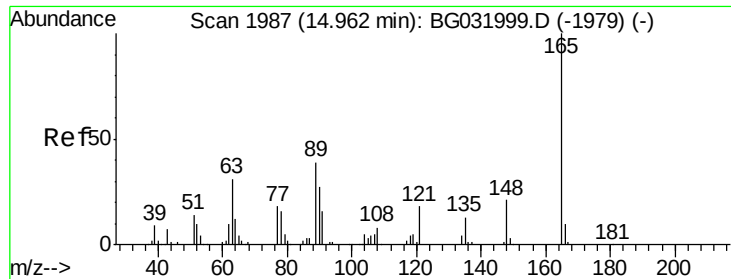
#44
 2-Fluorobiphenyl
 Concen: 85.283 ng
 RT: 14.03 min Scan# 1829
 Delta R.T. 0.00 min
 Lab File: BG032027.D
 Acq: 13 Jan 2018 7:02

Tgt Ion:172 Resp: 1046232
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.0 45.0
 170 23.8 19.5 29.3



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

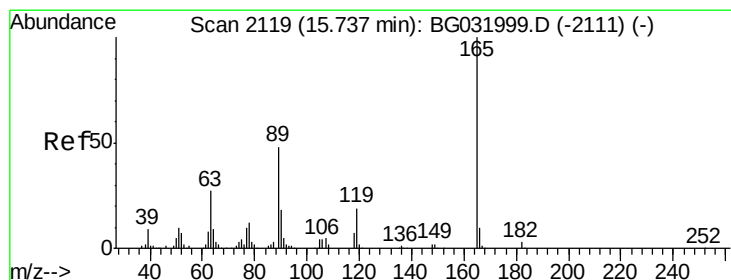
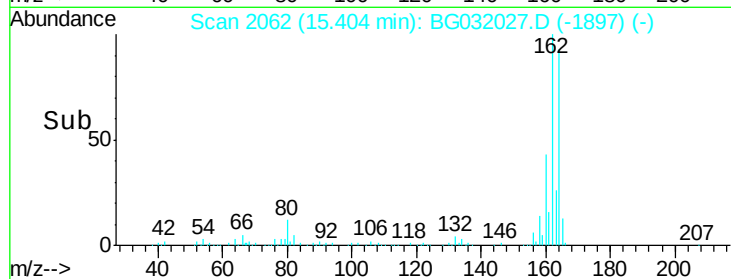
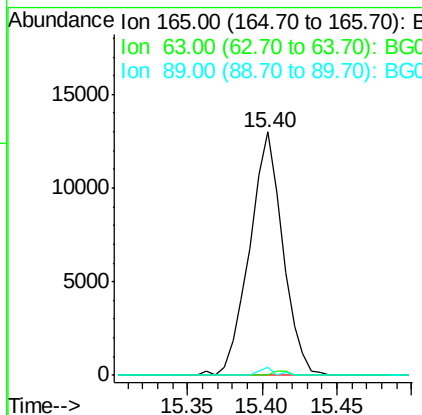
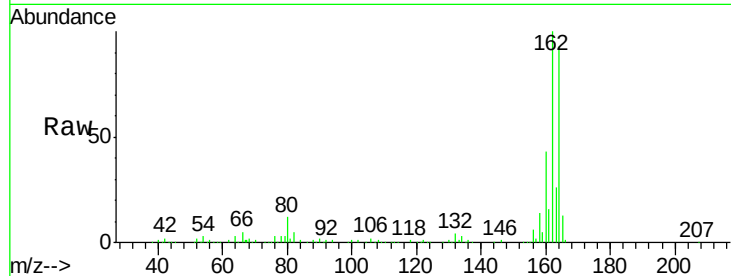




#50
 2,6-Dinitrotoluene
 Concen: 7.215 ng
 RT: 15.40 min Scan# 2062
 Delta R.T. 0.44 min
 Lab File: BG032027.D
 Acq: 13 Jan 2018 7:02

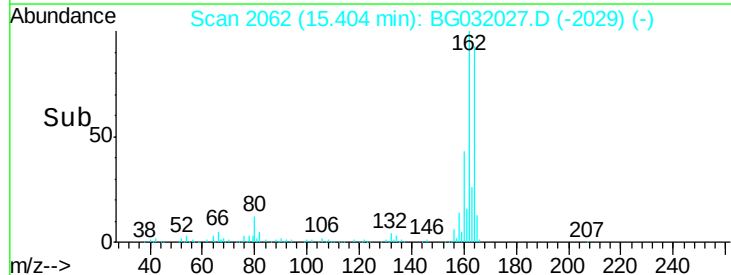
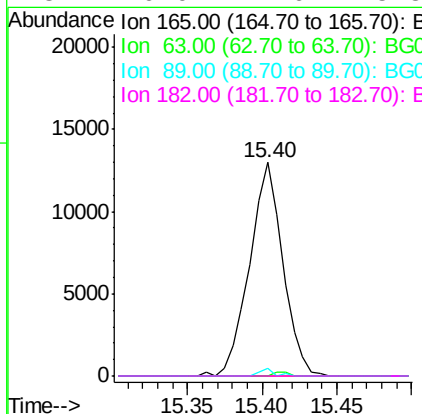
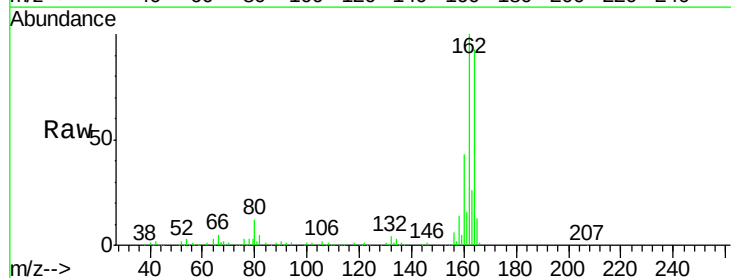
Instrument :
 BNA_G
 ClientSampleId :
 OWS-1

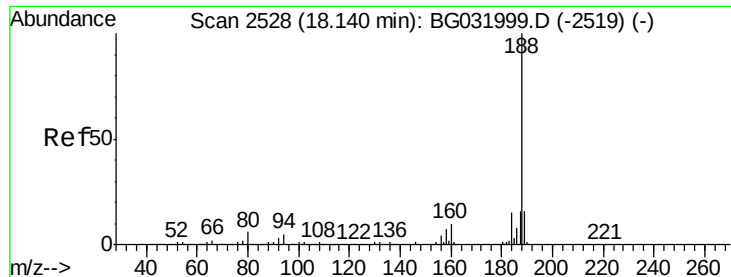
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	3.5	49.2	73.8#



#56
 2,4-Dinitrotoluene
 Concen: 5.359 ng
 RT: 15.40 min Scan# 2062
 Delta R.T. -0.33 min
 Lab File: BG032027.D
 Acq: 13 Jan 2018 7:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	3.5	66.9	100.3#
182	0.0	2.6	3.8#

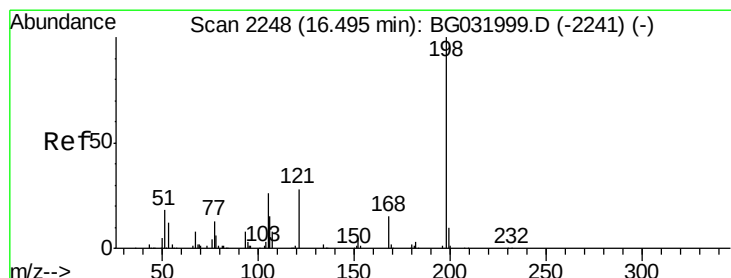
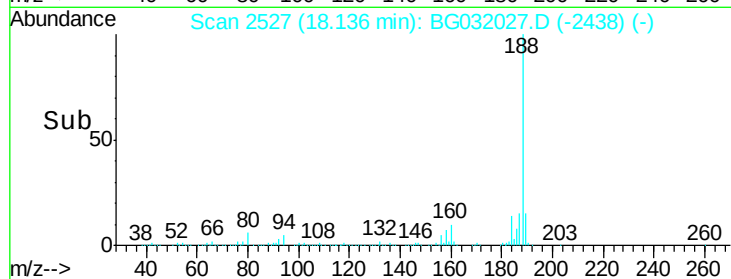
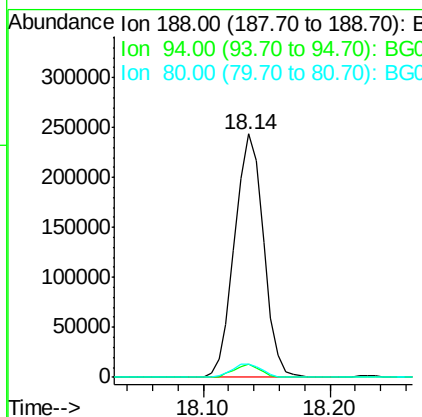
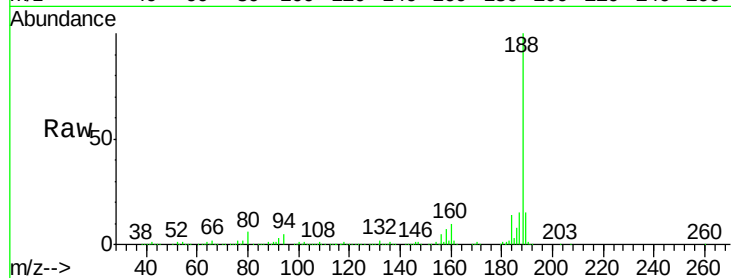




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.14 min Scan# 2527
Delta R.T. -0.00 min
Lab File: BG032027.D
Acq: 13 Jan 2018 7:02

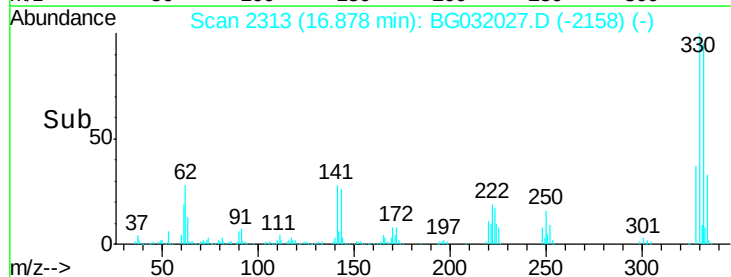
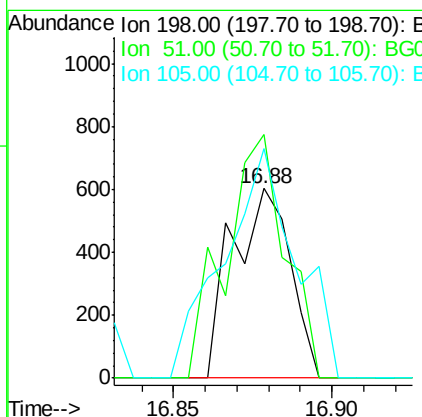
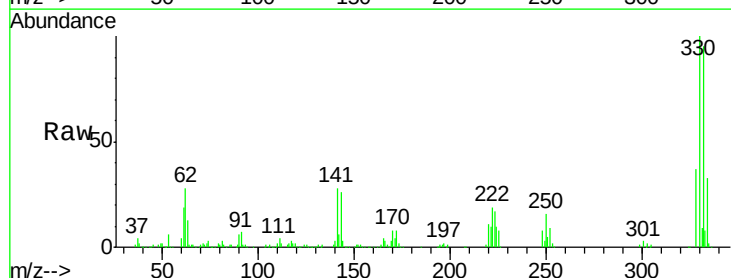
Instrument :
BNA_G
ClientSampleId :
OWS-1

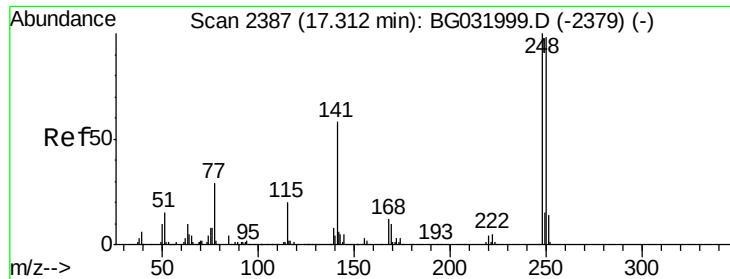
Tgt Ion:188 Resp: 385212
Ion Ratio Lower Upper
188 100
94 5.3 6.9 10.3#
80 5.6 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 5.164 ng
RT: 16.88 min Scan# 2313
Delta R.T. 0.38 min
Lab File: BG032027.D
Acq: 13 Jan 2018 7:02

Tgt Ion:198 Resp: 767
Ion Ratio Lower Upper
198 100
51 128.4 30.6 70.6#
105 121.1 23.8 63.8#

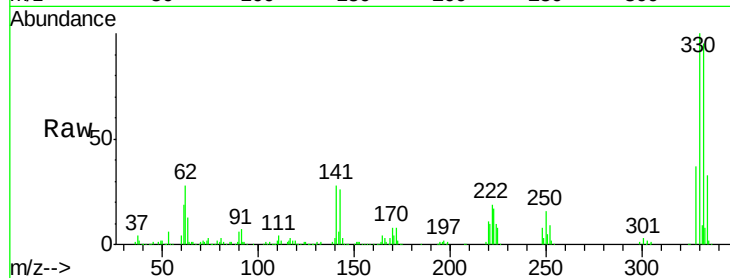




#66
 4-Bromophenyl-phenylether
 Concen: 5.039 ng
 RT: 16.88 min Scan# 2313
 Delta R.T. -0.43 min
 Lab File: BG032027.D
 Acq: 13 Jan 2018 7:02

Instrument :
 BNA_G
 ClientSampleId :
 OWS-1

Tgt Ion	Ratio	Lower	Upper
248	100		
250	206.9	77.1	115.7#
141	351.5	50.8	76.2#

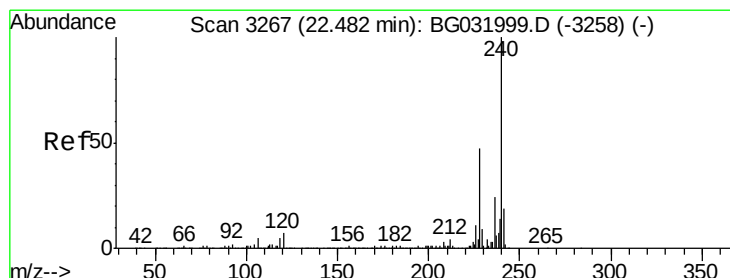
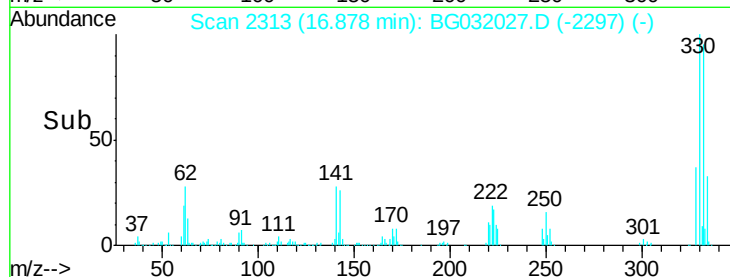
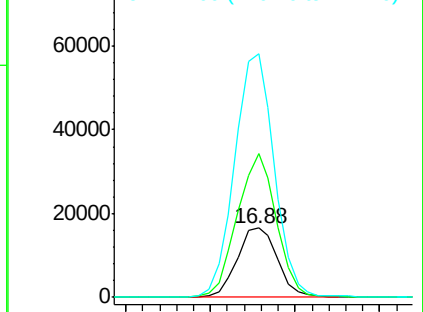


Abundance

Ion 248.00 (247.70 to 248.70): E

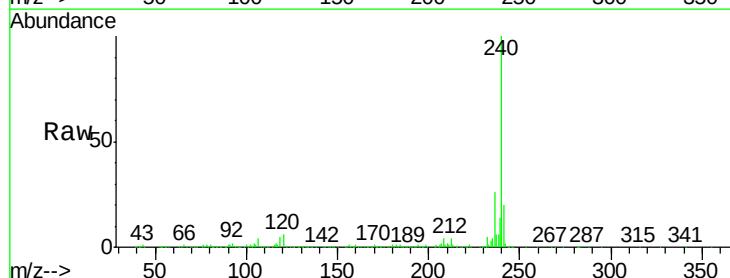
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.47 min Scan# 3265
 Delta R.T. -0.01 min
 Lab File: BG032027.D
 Acq: 13 Jan 2018 7:02

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.4	6.8	10.2#
236	25.6	20.9	31.3

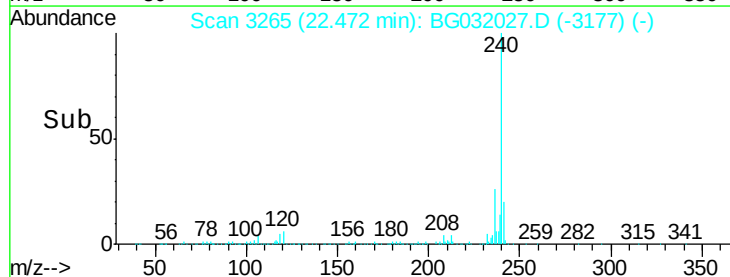
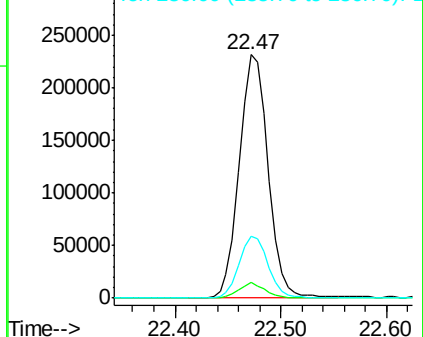


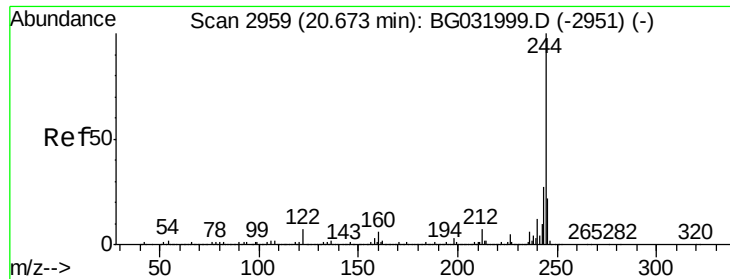
Abundance

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: 94.474 ng

RT: 20.67 min Scan# 2958

Delta R.T. -0.00 min

Lab File: BG032027.D

Acq: 13 Jan 2018 7:02

Instrument :

BNA_G

ClientSampleId :

OWS-1

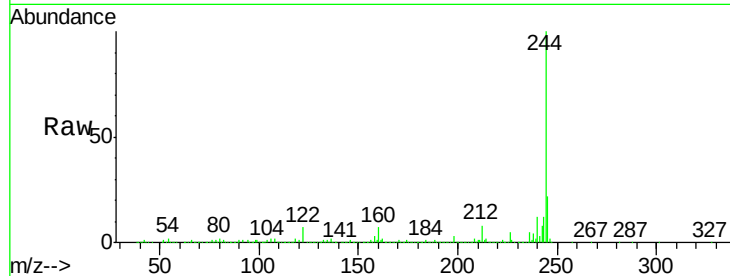
Tgt Ion:244 Resp: 1873291

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

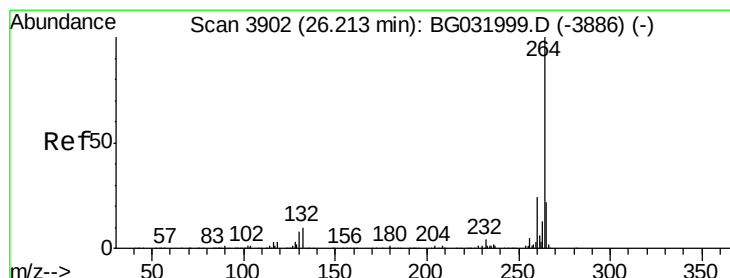
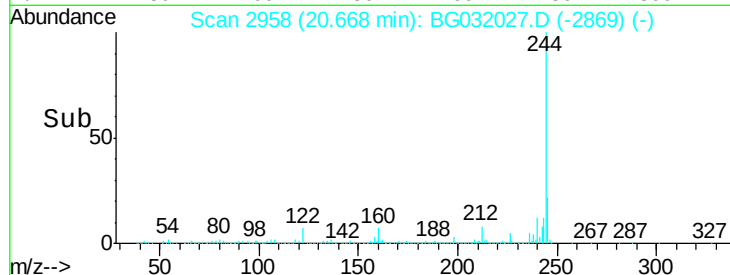
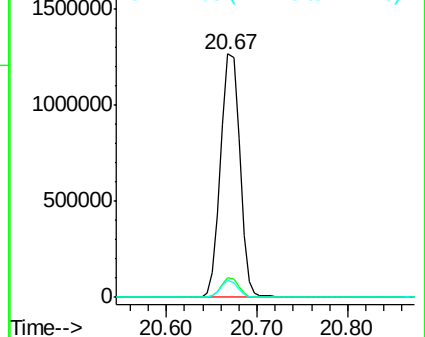
122 6.8 7.0 10.4#



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: 20.000 ng

RT: 26.20 min Scan# 3899

Delta R.T. -0.02 min

Lab File: BG032027.D

Acq: 13 Jan 2018 7:02

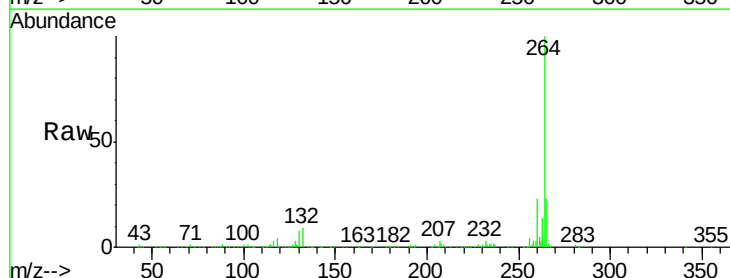
Tgt Ion:264 Resp: 461196

Ion Ratio Lower Upper

264 100

260 23.5 17.4 26.0

265 23.2 17.7 26.5



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

