

Data Path : U:\HPCHEM1\BNA G\DATA\BG010418\
 Data File : BG031926.D
 Acq On : 4 Jan 2018 21:51
 Operator : SJ/JU
 Sample : J1025-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 05 03:13:25 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 15:51:46 2017
 Response via : Initial Calibration

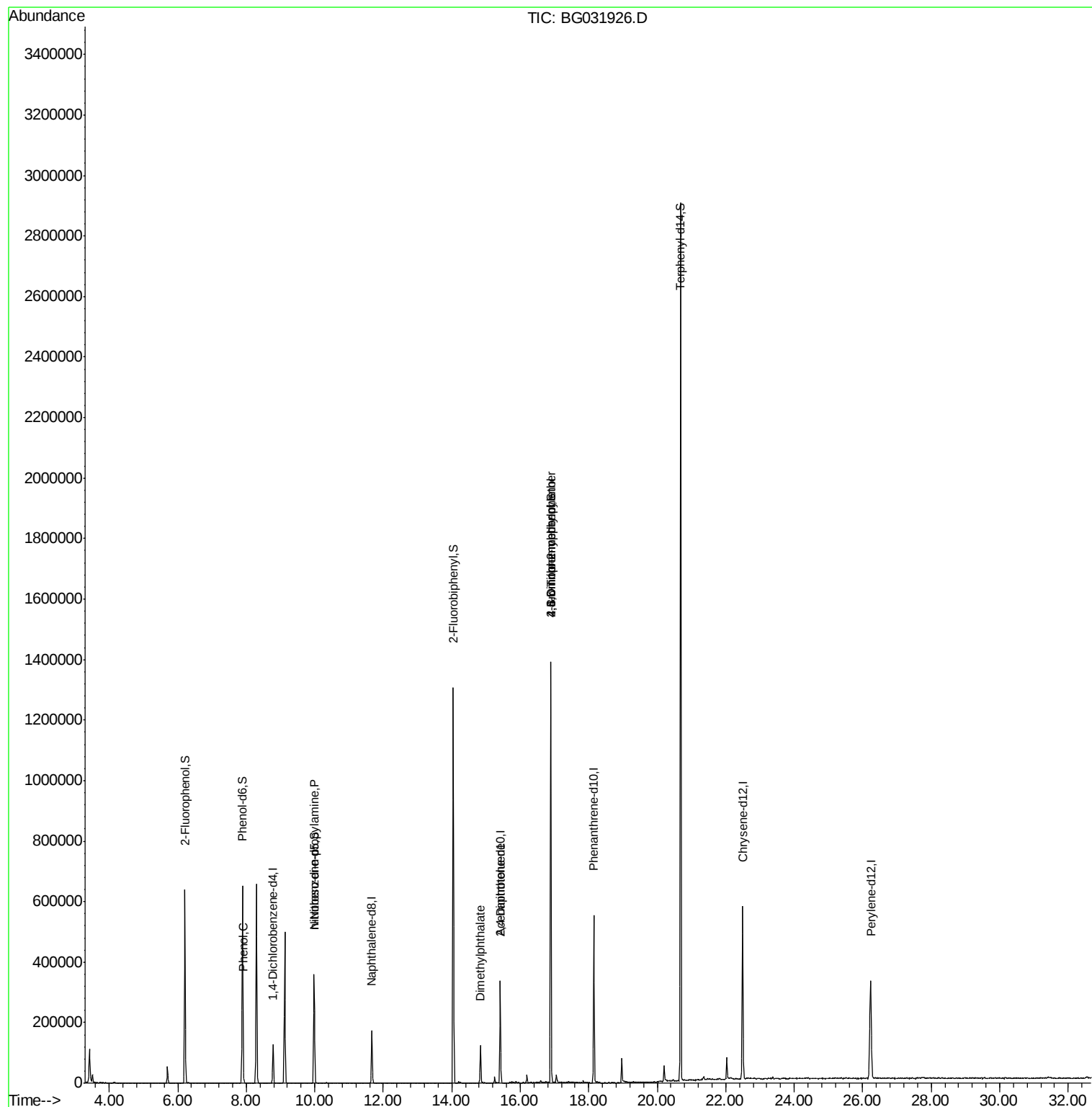
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	44679	20.00	ng	-0.01
21) Naphthalene-d8	11.67	136	177711	20.00	ng	-0.01
38) Acenaphthene-d10	15.42	164	129780	20.00	ng	-0.01
63) Phenanthrene-d10	18.15	188	375399	20.00	ng	-0.01
75) Chrysene-d12	22.49	240	455686	20.00	ng	-0.02
86) Perylene-d12	26.23	264	441720	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	349509	142.48	ng	0.00
7) Phenol-d6	7.89	99	450643	141.50	ng	0.00
23) Nitrobenzene-d5	9.98	82	240867	102.35	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	343833	173.63	ng	0.00
44) 2-Fluorobiphenyl	14.04	172	812757	78.60	ng	-0.01
78) Terphenyl-d14	20.68	244	1615337	80.99	ng	-0.01
Target Compounds						
10) Phenol	7.91	94	18845	5.861	ng	86
19) n-Nitroso-di-n-propylamine	9.98	70	31780	14.611	ng	# 75
49) Dimethylphthalate	14.84	163	101623	8.888	ng	99
56) 2,4-Dinitrotoluene	15.42	165	16330	6.038	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.89	198	876	8.702	ng	# 1
66) 4-Bromophenyl-phenylether	16.89	248	27480	5.062	ng	# 1

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

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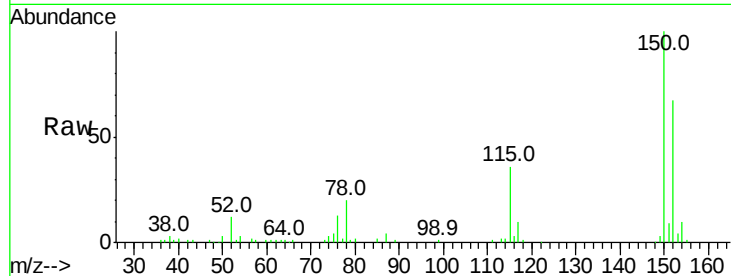


#1

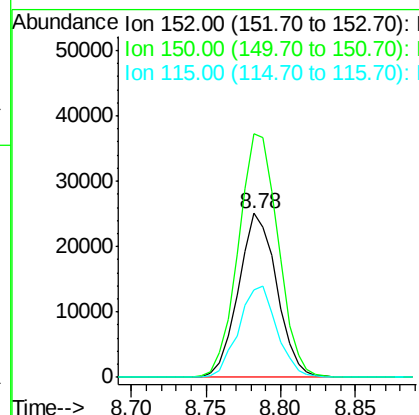
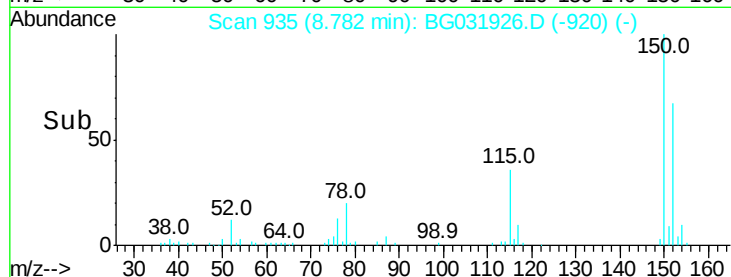
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.78 min Scan# 935
Delta R.T. -0.01 min
Lab File: BG031926.D
Acq: 4 Jan 2018 21:51

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 44679
Ion Ratio Lower Upper
152 100
150 148.6 126.6 189.8
115 53.4 53.0 79.4



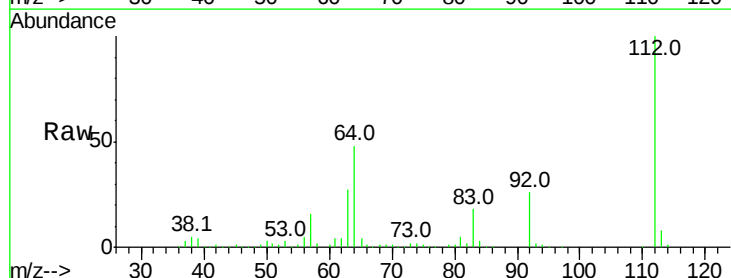
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



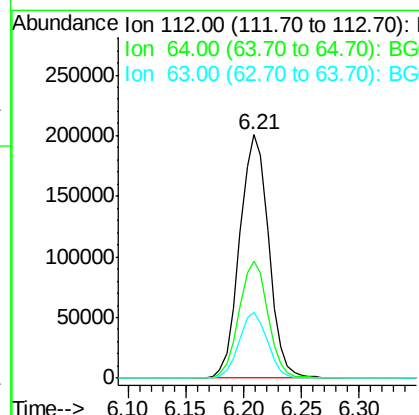
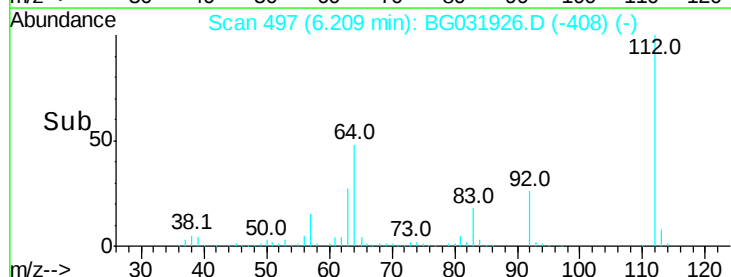
#5

2-Fluorophenol
Concen: 142.481 ng
RT: 6.21 min Scan# 497
Delta R.T. -0.00 min
Lab File: BG031926.D
Acq: 4 Jan 2018 21:51

Tgt Ion:112 Resp: 349509
Ion Ratio Lower Upper
112 100
64 48.1 56.3 84.5#
63 27.0 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 141.497 ng

RT: 7.89 min Scan# 783

Delta R.T. -0.00 min

Lab File: BG031926.D

Acq: 4 Jan 2018 21:51

Instrument :

BNA_G

ClientSampleId :

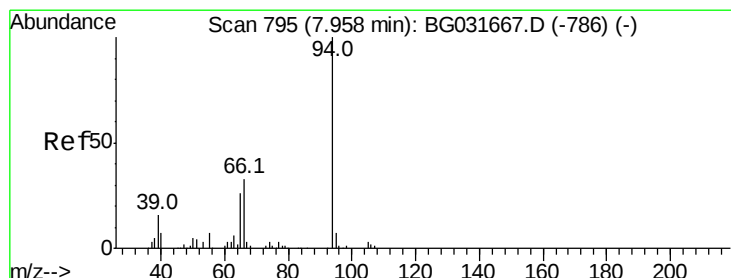
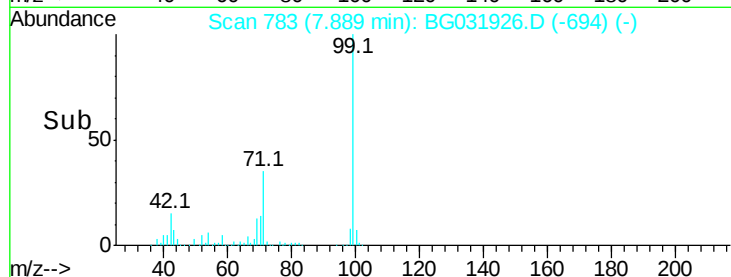
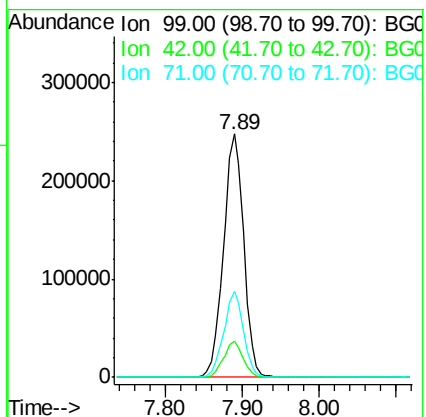
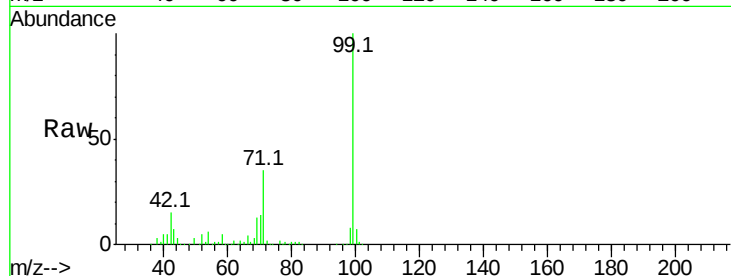
Tot Ion: 99 Resp: 450643

Ion Ratio Lower Upper

99 100

42 14.8 14.1 21.1

71 35.2 26.1 39.1



#10

Phenol

Concen: 5.861 ng

RT: 7.91 min Scan# 787

Delta R.T. -0.01 min

Lab File: BG031926.D

Acq: 4 Jan 2018 21:51

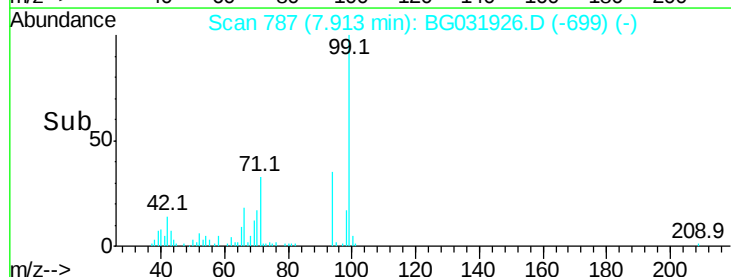
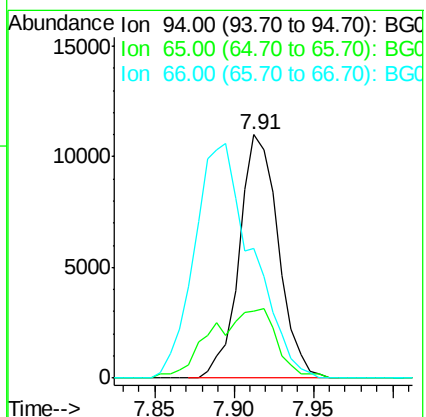
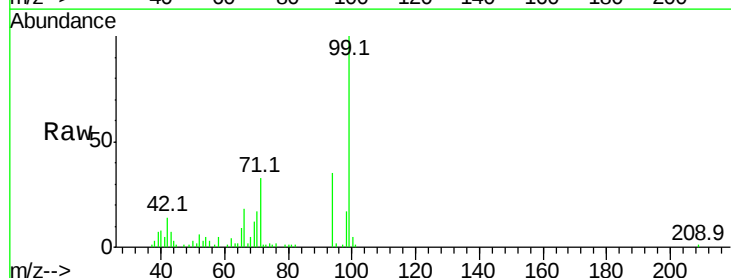
Tgt Ion: 94 Resp: 18845

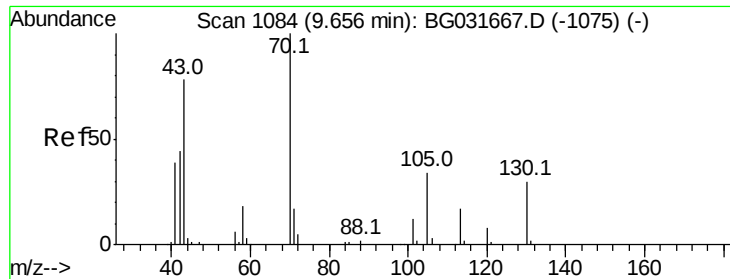
Ion Ratio Lower Upper

94 100

65 27.2 11.9 51.9

66 53.3 22.2 62.2

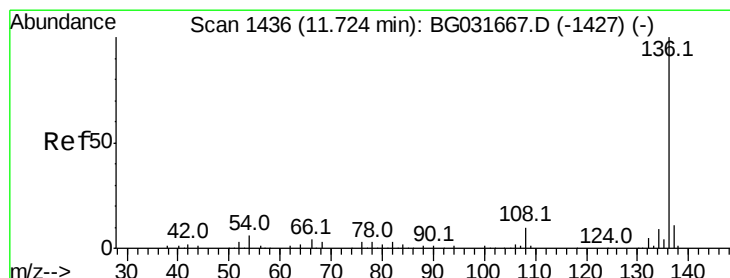
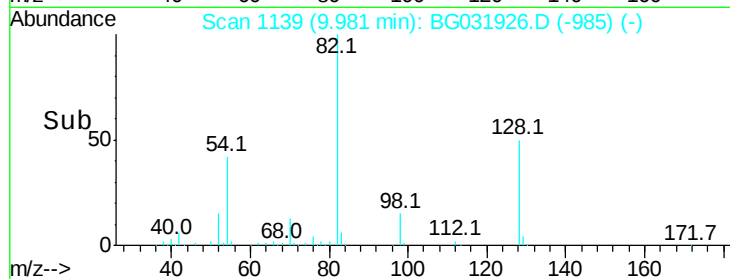
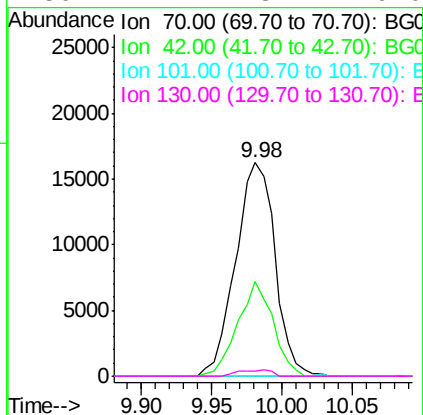
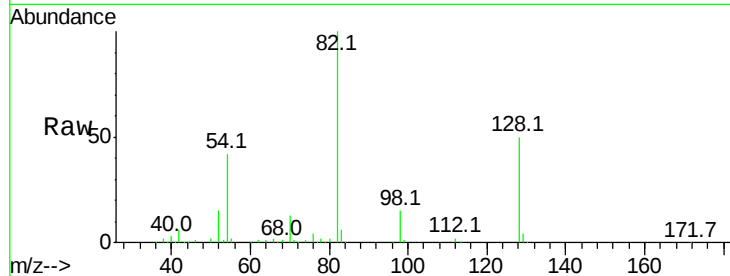




#19
n-Nitroso-di-n-propylamine
Concen: 14.611 ng
RT: 9.98 min Scan# 1139
Delta R.T. 0.38 min
Lab File: BG031926.D
Acq: 4 Jan 2018 21:51

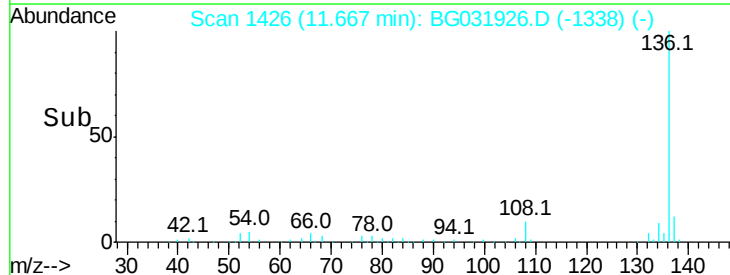
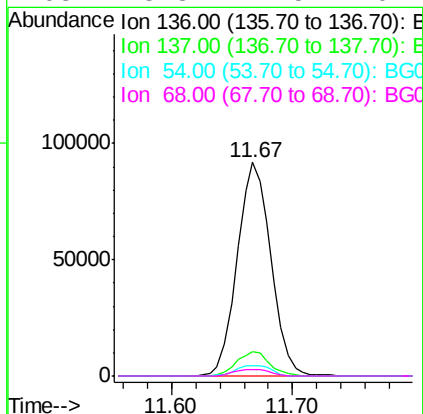
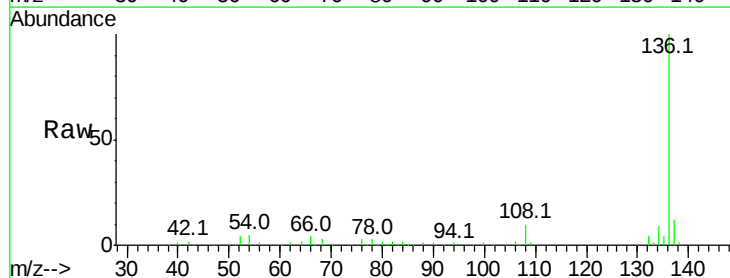
Instrument :
BNA_G
ClientSampleId :

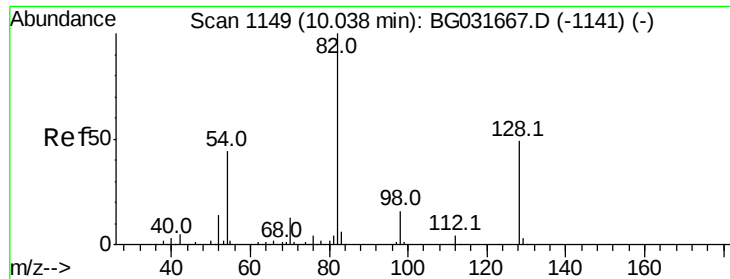
Tot Ion: 70 Resp: 31780
Ion Ratio Lower Upper
70 100
42 44.5 49.1 73.7#
101 0.0 8.5 12.7#
130 2.4 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.67 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BG031926.D
Acq: 4 Jan 2018 21:51

Tgt Ion:136 Resp: 177711
Ion Ratio Lower Upper
136 100
137 11.7 9.2 13.8
54 4.7 10.3 15.5#
68 3.3 4.5 6.7#

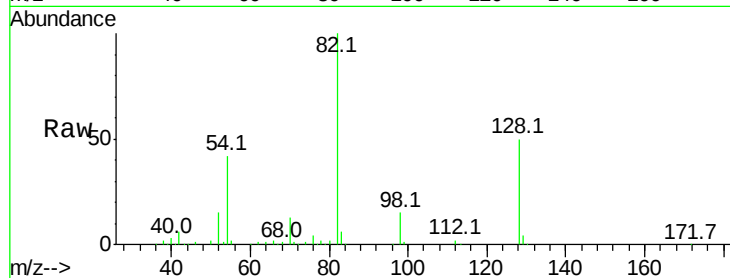




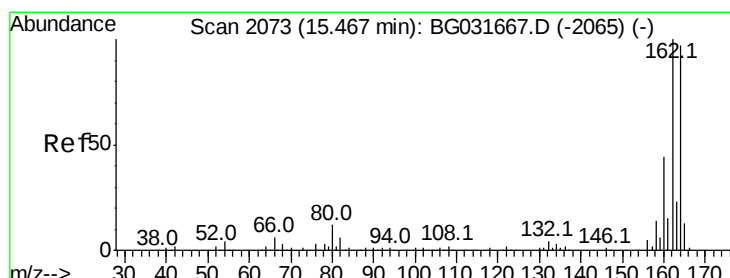
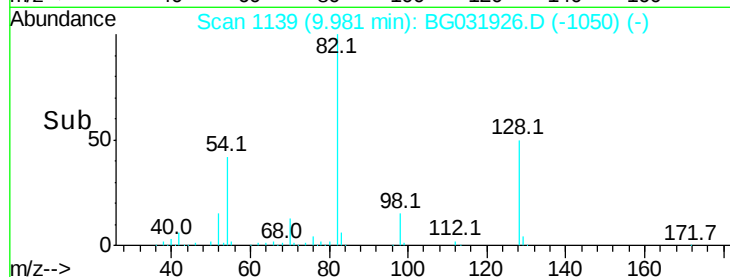
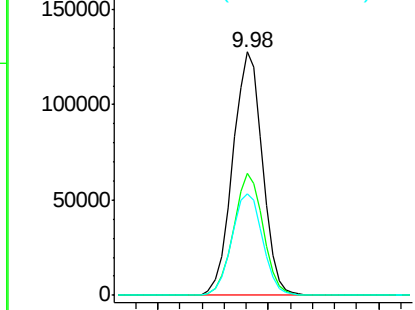
#23
 Nitrobenzene-d5
 Concen: 102.348 ng
 RT: 9.98 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: BG031926.D
 Acq: 4 Jan 2018 21:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	240867
Ion Ratio	Lower	Upper	
82	100		
128	50.0	29.7	44.5#
54	41.9	43.1	64.7#

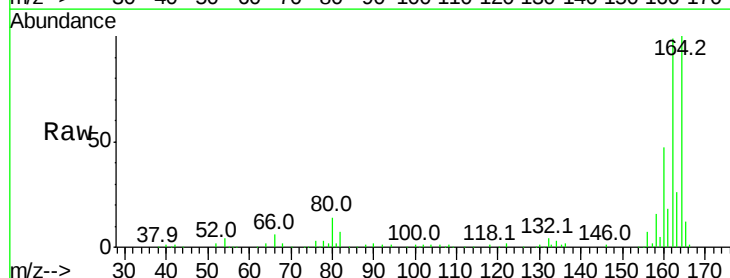


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

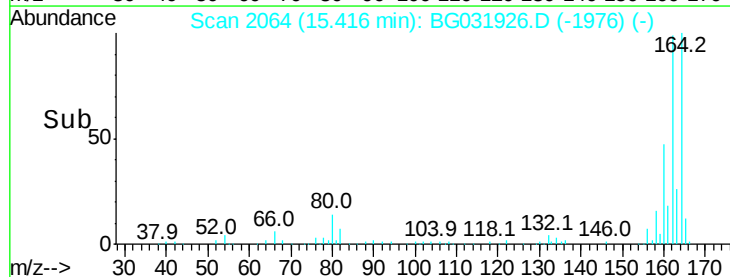
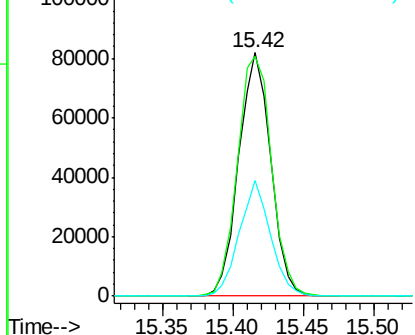


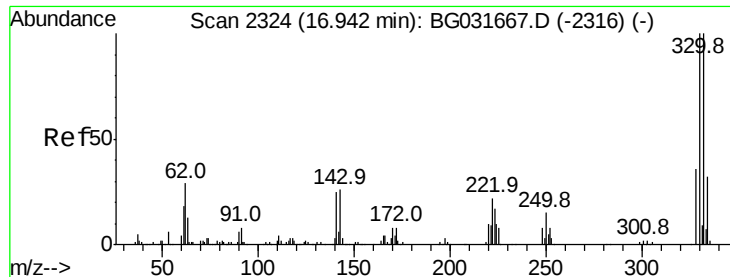
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: BG031926.D
 Acq: 4 Jan 2018 21:51

Tgt Ion	164	Resp	129780
Ion Ratio	Lower	Upper	
164	100		
162	98.6	78.8	118.2
160	47.5	35.4	53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

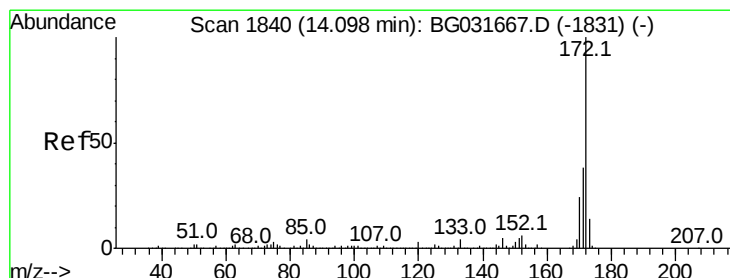
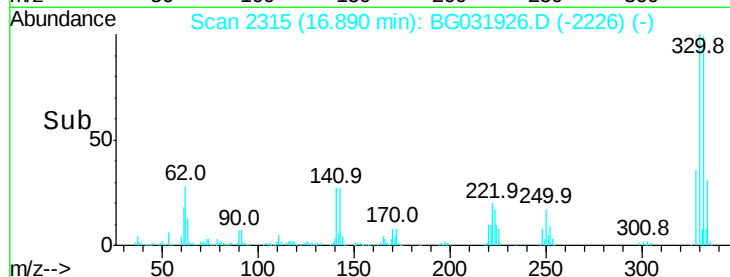
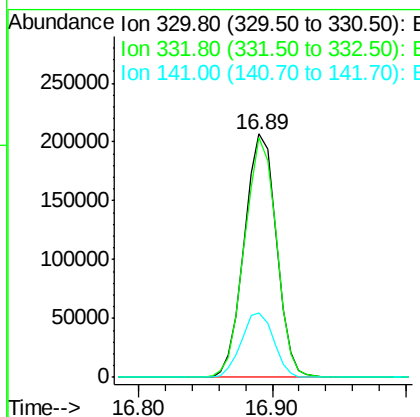
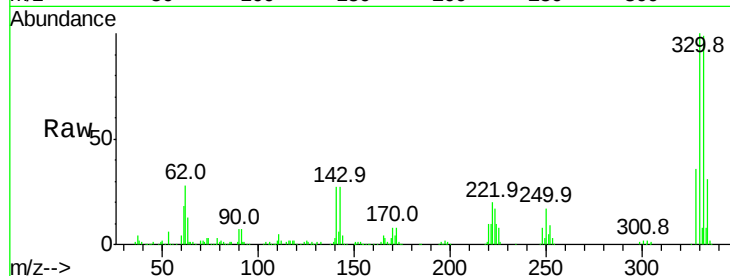




#41
 2,4,6-Tribromophenol
 Concen: 173.630 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. -0.00 min
 Lab File: BG031926.D
 Acq: 4 Jan 2018 21:51

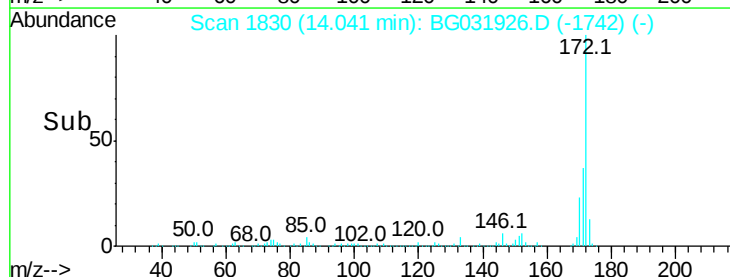
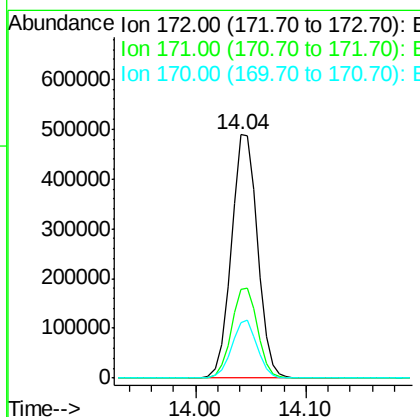
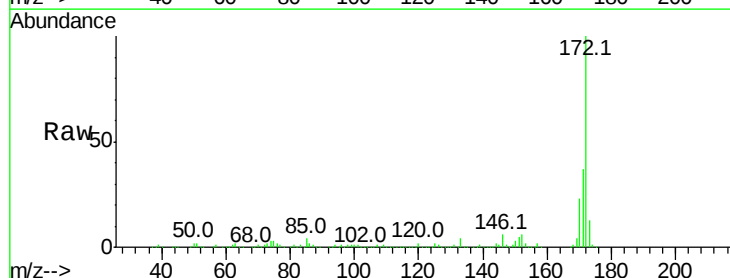
Instrument :
 BNA_G
 ClientSampleId :

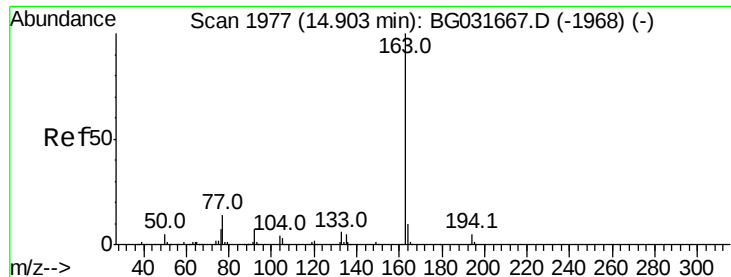
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	27.0	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 78.604 ng
 RT: 14.04 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BG031926.D
 Acq: 4 Jan 2018 21:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.0	45.0
170	22.9	19.5	29.3

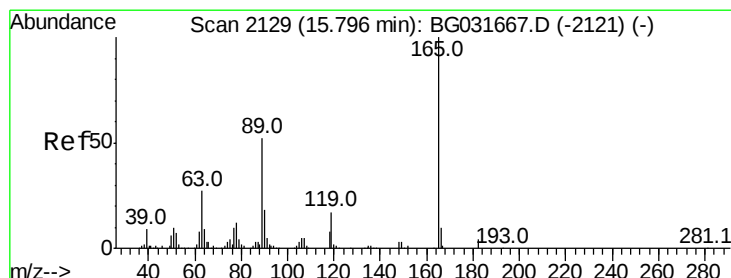
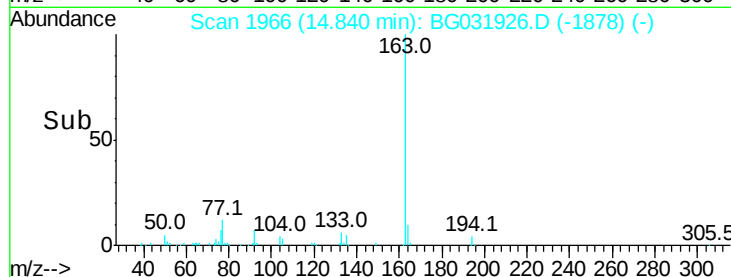
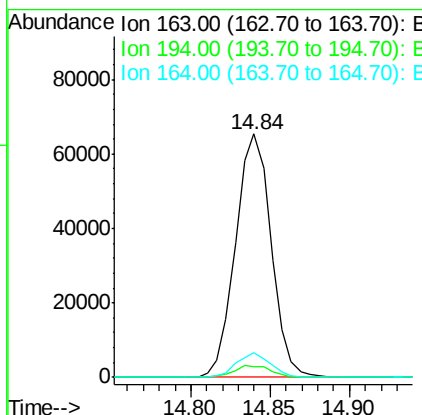
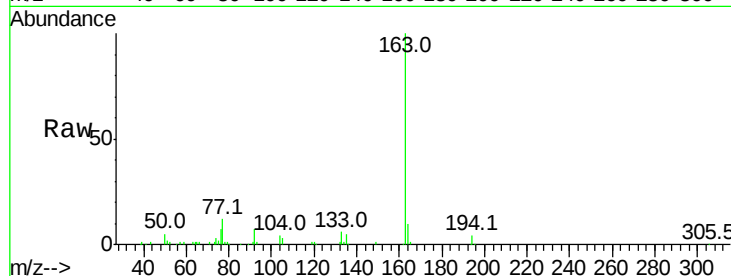




#49
Dimethylphthalate
Concen: 8.888 ng
RT: 14.84 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BG031926.D
Acq: 4 Jan 2018 21:51

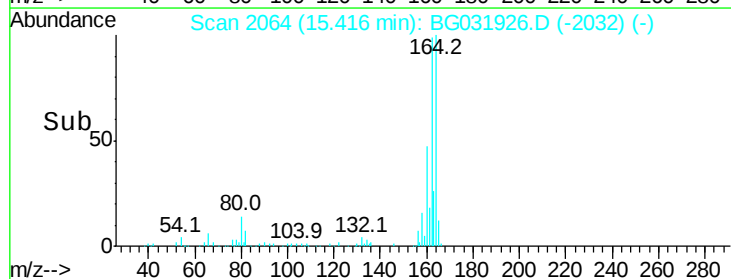
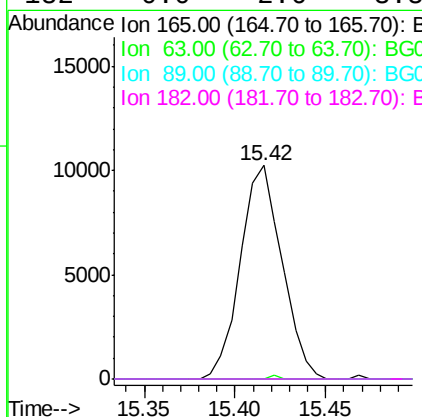
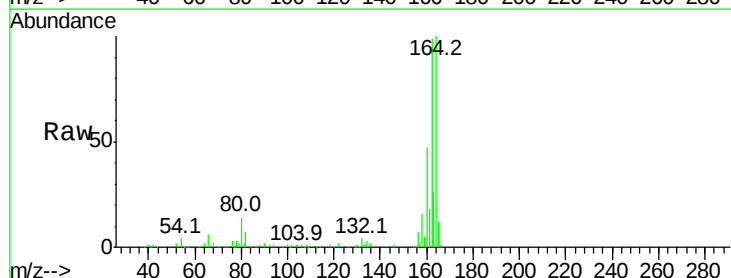
Instrument :
BNA_G
ClientSampleId :

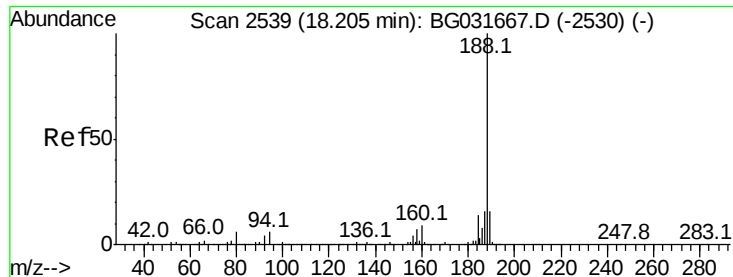
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	10.0	8.2	12.4



#56
2,4-Dinitrotoluene
Concen: 6.038 ng
RT: 15.42 min Scan# 2064
Delta R.T. -0.34 min
Lab File: BG031926.D
Acq: 4 Jan 2018 21:51

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

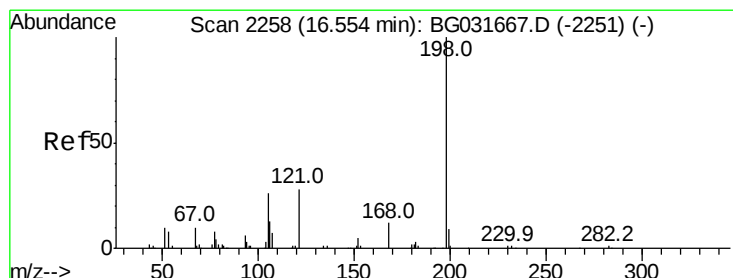
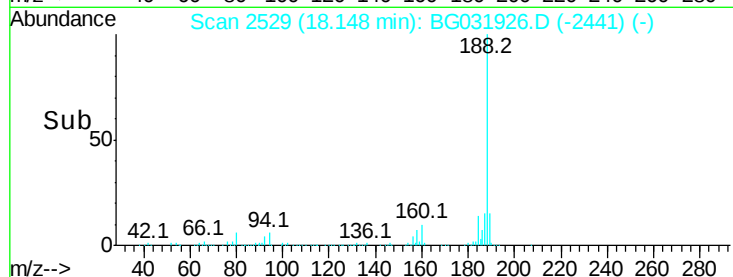
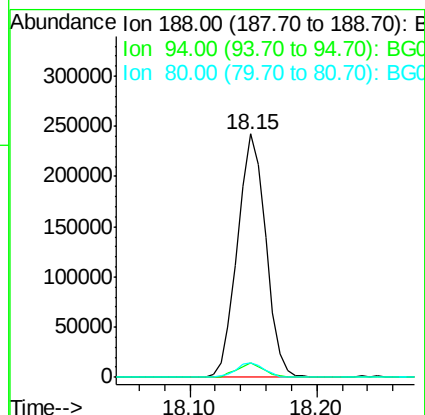
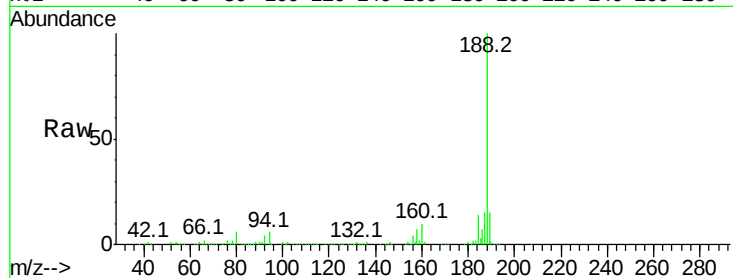




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.15 min Scan# 2529
 Delta R.T. -0.01 min
 Lab File: BG031926.D
 Acq: 4 Jan 2018 21:51

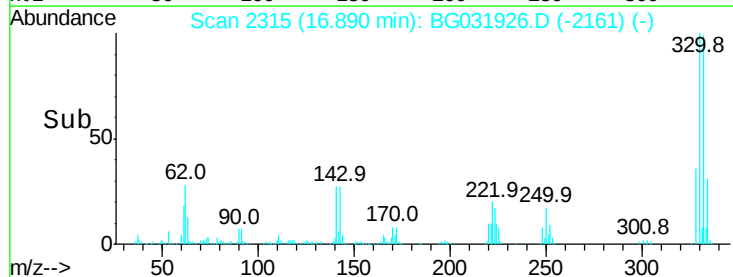
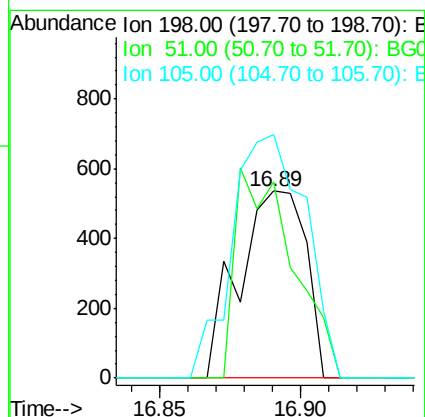
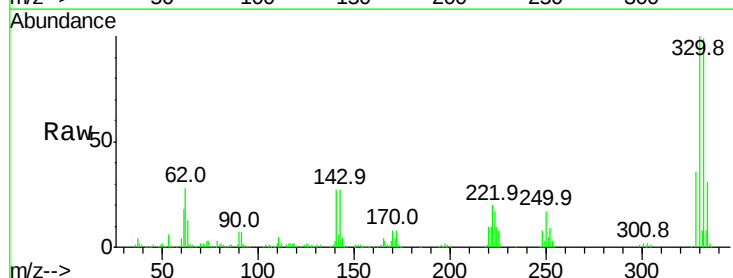
Instrument :
 BNA_G
 ClientSampleId :

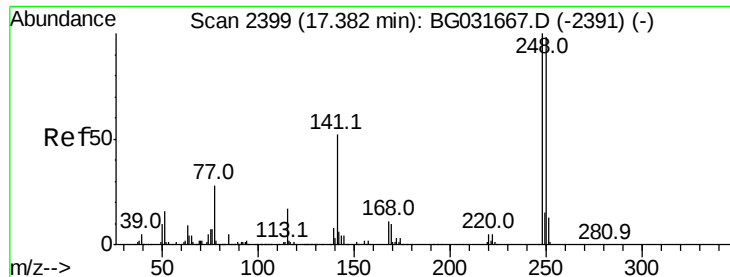
Tot Ion:188 Resp: 375399
 Ion Ratio Lower Upper
 188 100
 94 6.0 6.9 10.3#
 80 6.0 7.7 11.5#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.702 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. 0.38 min
 Lab File: BG031926.D
 Acq: 4 Jan 2018 21:51

Tgt Ion:198 Resp: 876
 Ion Ratio Lower Upper
 198 100
 51 105.0 30.6 70.6#
 105 130.5 23.8 63.8#

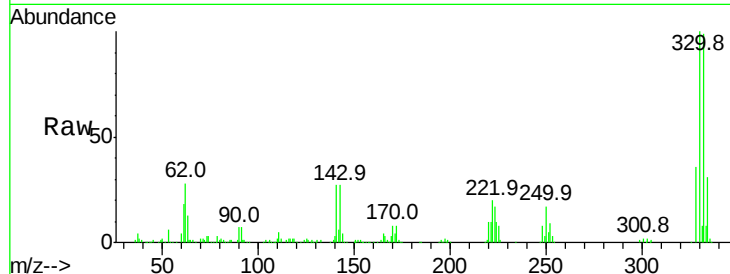




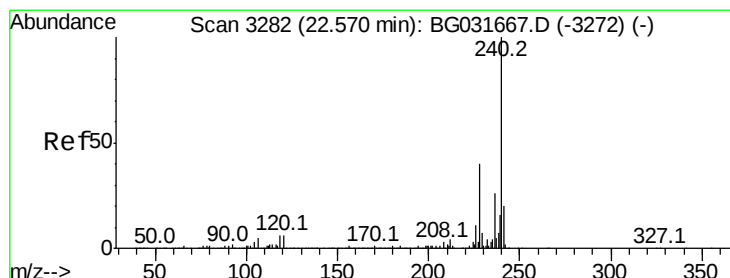
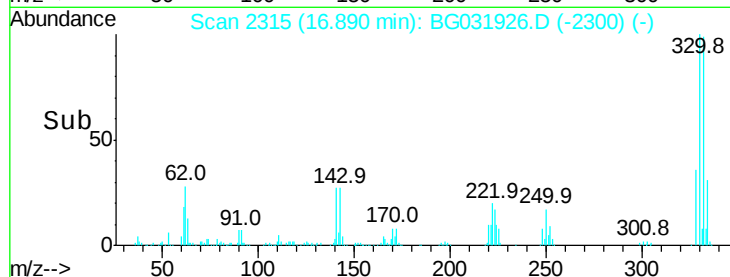
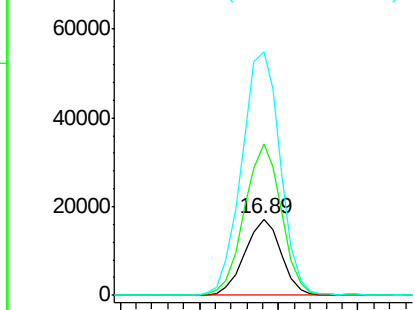
#66
 4-Bromophenyl-phenylether
 Concen: 5.062 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. -0.44 min
 Lab File: BG031926.D
 Acq: 4 Jan 2018 21:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 27480
 Ion Ratio Lower Upper
 248 100
 250 200.2 77.1 115.7#
 141 320.7 50.8 76.2#

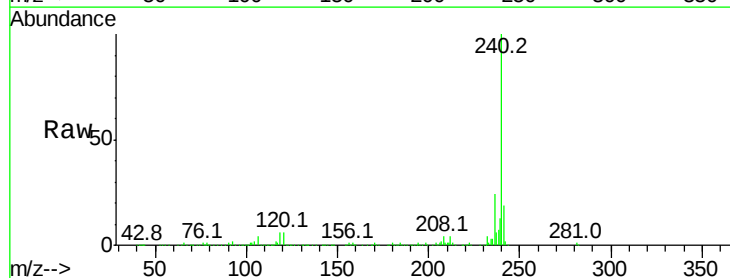


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

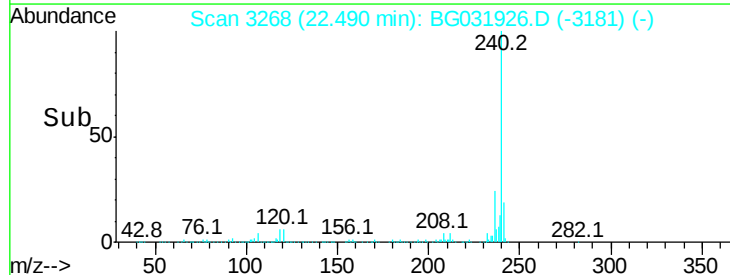
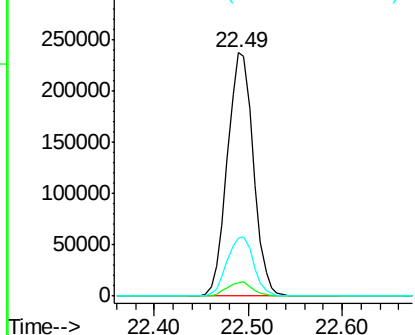


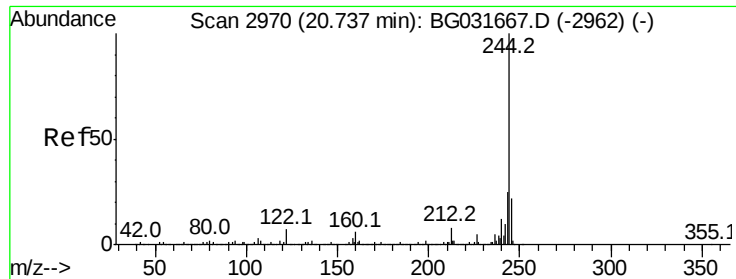
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.49 min Scan# 3268
 Delta R.T. -0.02 min
 Lab File: BG031926.D
 Acq: 4 Jan 2018 21:51

Tgt Ion:240 Resp: 455686
 Ion Ratio Lower Upper
 240 100
 120 5.7 6.8 10.2#
 236 24.0 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: 80.987 ng

RT: 20.68 min Scan# 2960

Delta R.T. -0.01 min

Lab File: BG031926.D

Acq: 4 Jan 2018 21:51

Instrument :

BNA_G

ClientSampled :

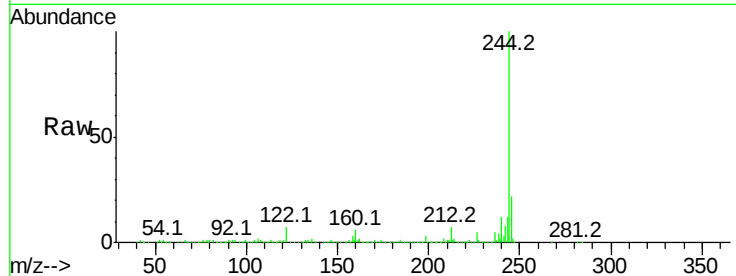
Tot Ion:244 Resp: 1615337

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

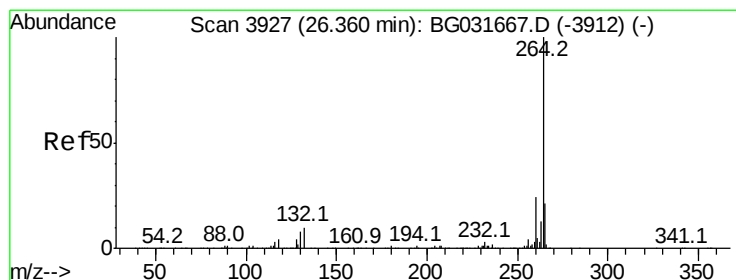
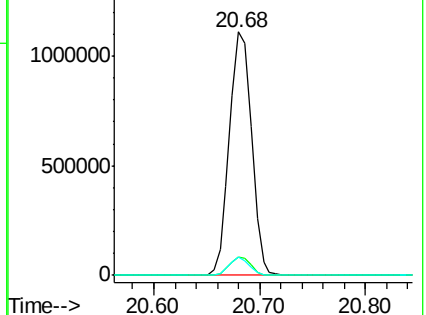
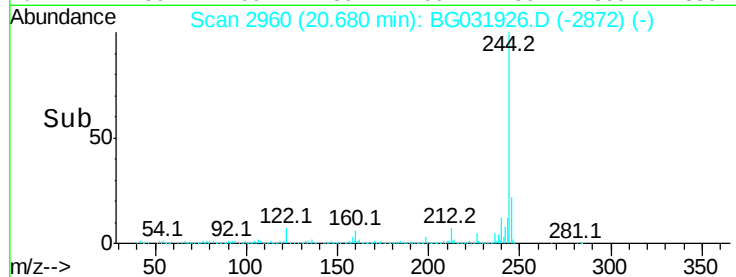
122 7.3 7.0 10.4



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: 26.23 min Scan# 3904

Delta R.T. -0.03 min

Lab File: BG031926.D

Acq: 4 Jan 2018 21:51

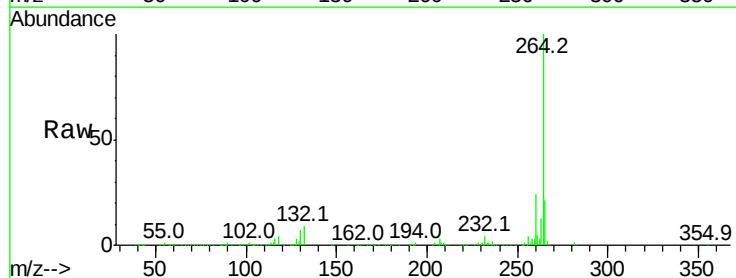
Tgt Ion:264 Resp: 441720

Ion Ratio Lower Upper

264 100

260 23.5 17.4 26.0

265 21.4 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

