

Data Path : U:\HPCHEM1\BNA G\DATA\BG010418\
 Data File : BG031920.D
 Acq On : 4 Jan 2018 18:06
 Operator : SJ/JU
 Sample : J1025-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 05 03:11:42 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

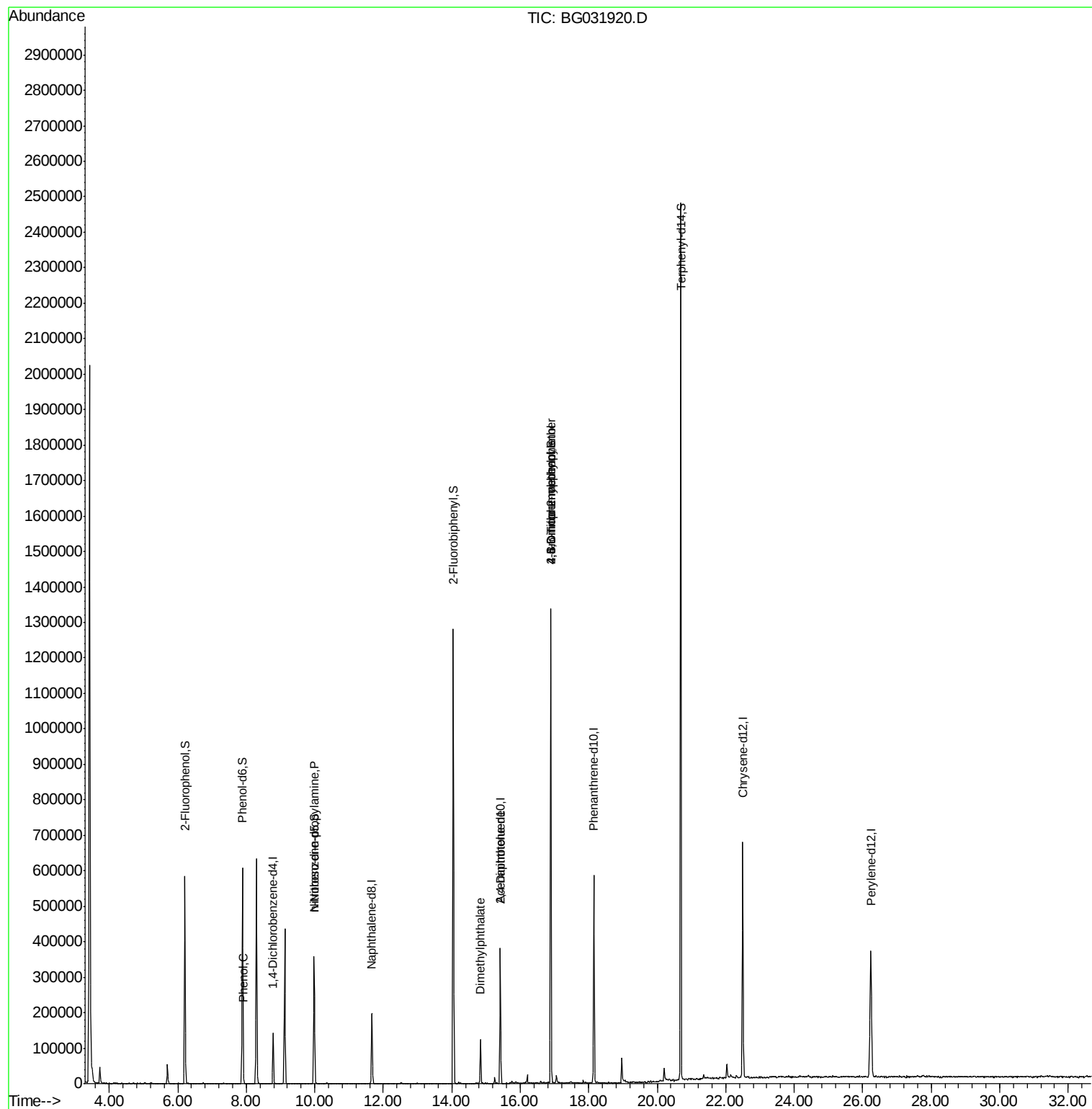
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	50106	20.00	ng	-0.01
21) Naphthalene-d8	11.67	136	210247	20.00	ng	0.00
38) Acenaphthene-d10	15.42	164	150951	20.00	ng	-0.01
63) Phenanthrene-d10	18.15	188	421871	20.00	ng	-0.01
75) Chrysene-d12	22.49	240	492501	20.00	ng	-0.01
86) Perylene-d12	26.23	264	480162	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	319044	115.97	ng	0.00
7) Phenol-d6	7.89	99	428013	119.84	ng	0.00
23) Nitrobenzene-d5	9.98	82	230507	82.79	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	329234	142.94	ng	0.00
44) 2-Fluorobiphenyl	14.05	172	779383	64.80	ng	0.00
78) Terphenyl-d14	20.69	244	1345336	62.41	ng	0.00
Target Compounds						
10) Phenol	7.92	94	15600	4.326	ng	88
19) n-Nitroso-di-n-propylamine	9.98	70	29701	12.176	ng	# 75
49) Dimethylphthalate	14.84	163	95221	7.160	ng	# 98
56) 2,4-Dinitrotoluene	15.42	165	19731	6.272	ng	# 17
64) 4,6-Dinitro-2-methylphenol	16.89	198	615	8.554	ng	# 6
66) 4-Bromophenyl-phenylether	16.89	248	26524	4.348	ng	# 1

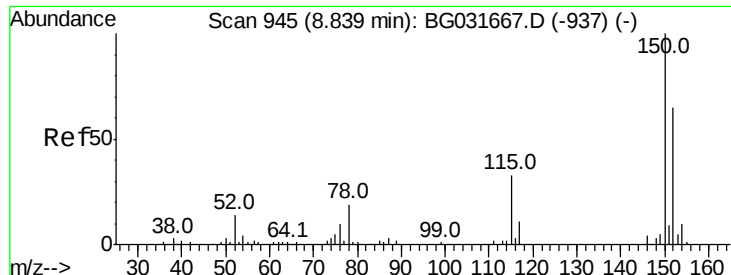
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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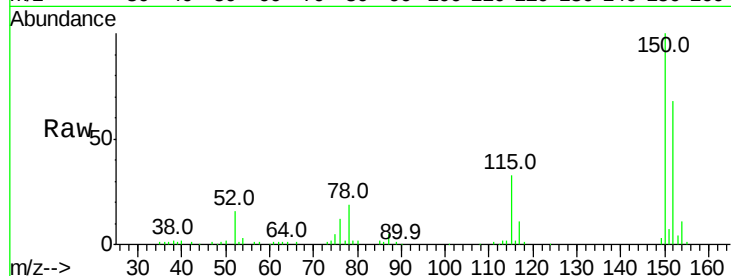


#1

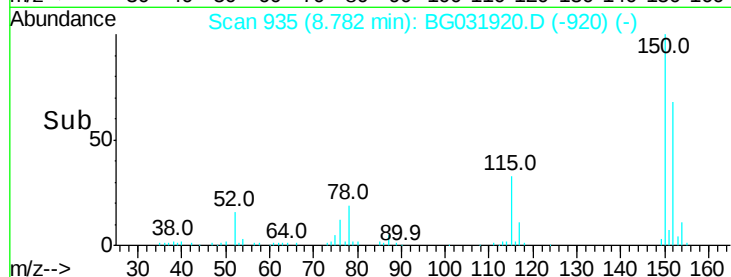
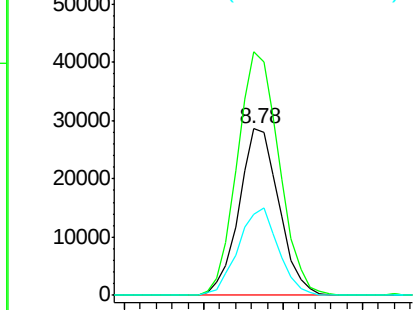
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.78 min Scan# 935
Delta R.T. -0.01 min
Lab File: BG031920.D
Acq: 4 Jan 2018 18:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 50106
Ion Ratio Lower Upper
152 100
150 146.3 126.6 189.8
115 49.0 53.0 79.4#



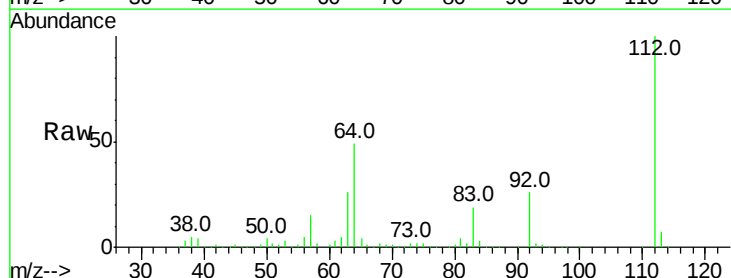
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



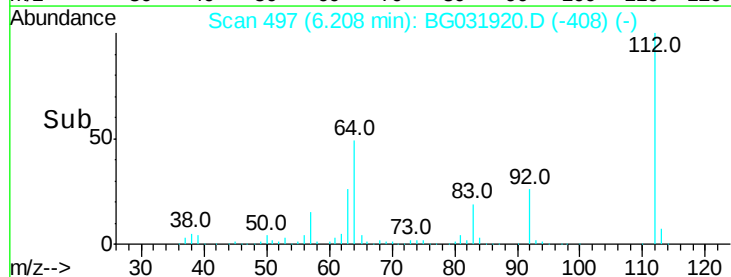
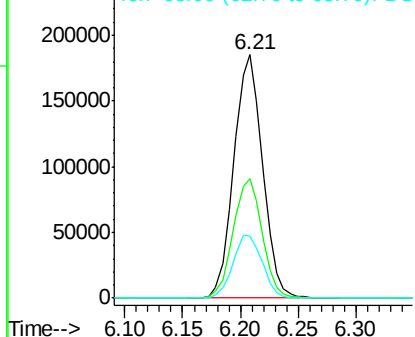
#5

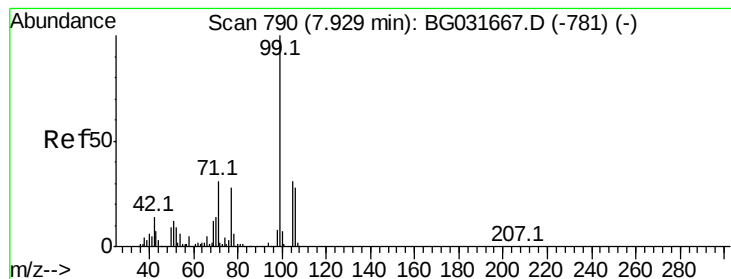
2-Fluorophenol
Concen: 115.974 ng
RT: 6.21 min Scan# 497
Delta R.T. -0.01 min
Lab File: BG031920.D
Acq: 4 Jan 2018 18:06

Tgt Ion:112 Resp: 319044
Ion Ratio Lower Upper
112 100
64 49.3 56.3 84.5#
63 25.6 30.1 45.1#



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





#7

Phenol-d6

Concen: 119.835 ng

RT: 7.89 min Scan# 783

Delta R.T. -0.01 min

Lab File: BG031920.D

Acq: 4 Jan 2018 18:06

Instrument :

BNA_G

ClientSampleId :

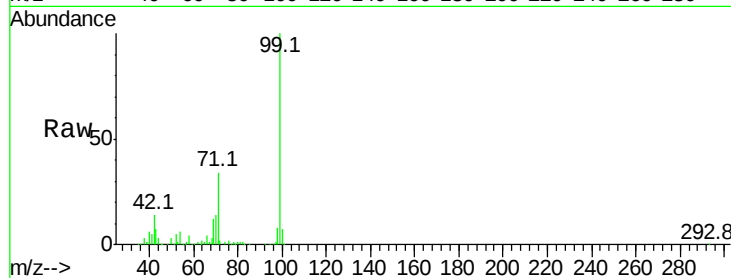
Tot Ion: 99 Resp: 428013

Ion Ratio Lower Upper

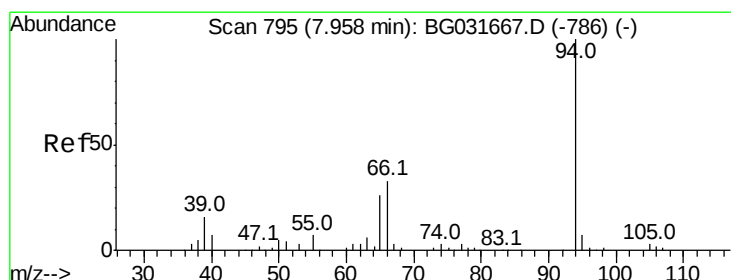
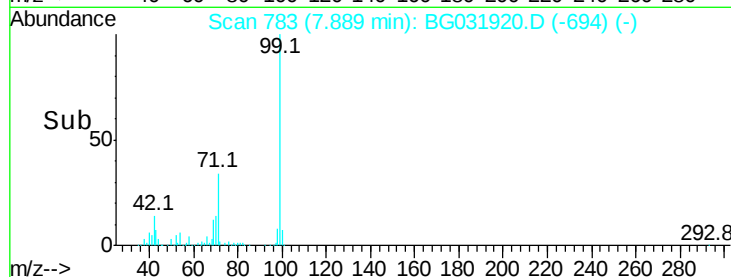
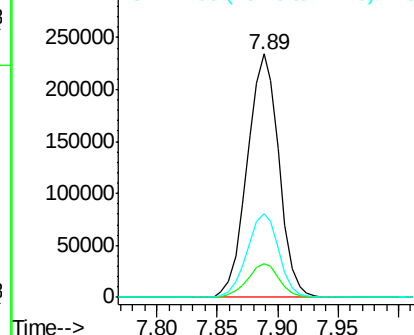
99 100

42 14.1 14.1 21.1#

71 34.4 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



#10

Phenol

Concen: 4.326 ng

RT: 7.92 min Scan# 788

Delta R.T. -0.01 min

Lab File: BG031920.D

Acq: 4 Jan 2018 18:06

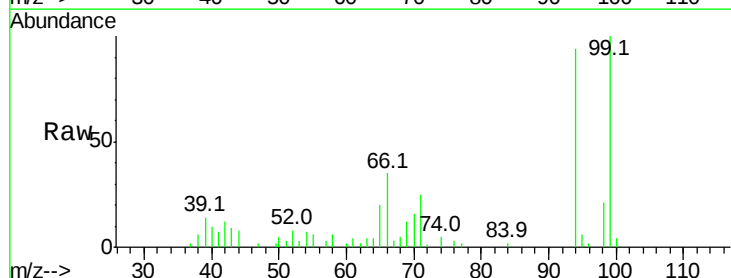
Tgt Ion: 94 Resp: 15600

Ion Ratio Lower Upper

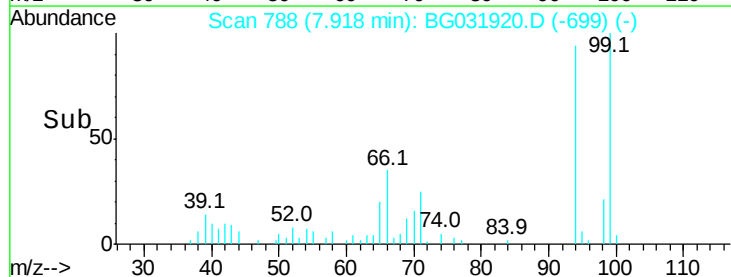
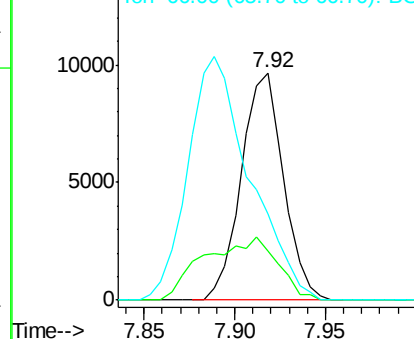
94 100

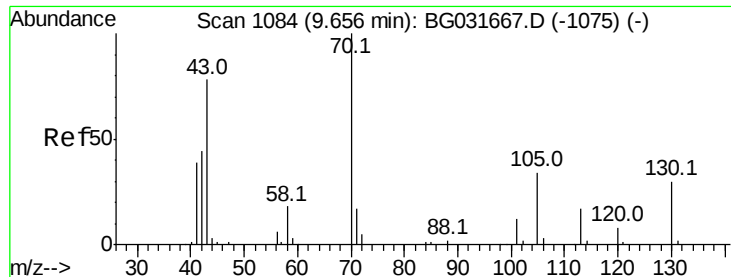
65 21.8 11.9 51.9

66 37.8 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

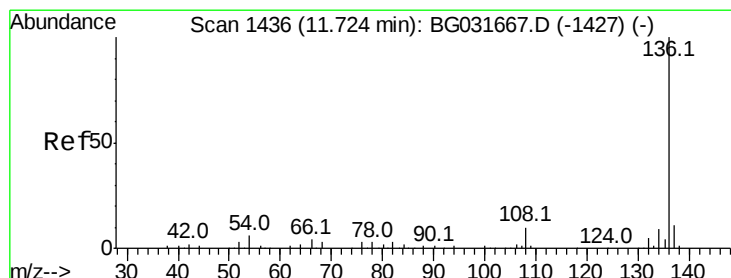
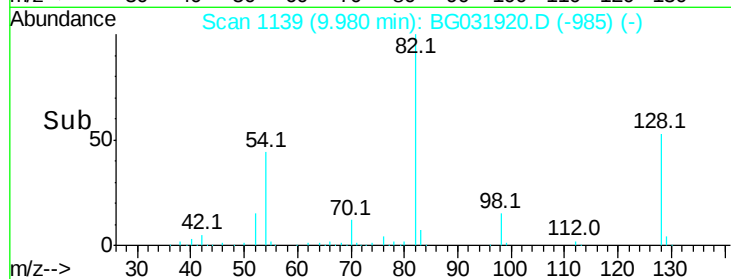
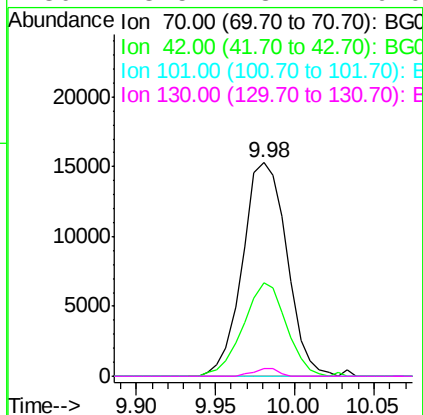
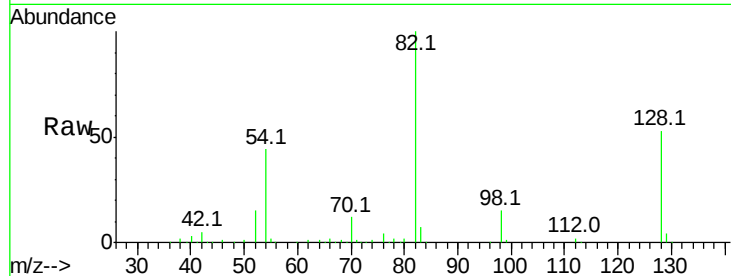




#19
n-Nitroso-di-n-propylamine
Concen: 12.176 ng
RT: 9.98 min Scan# 1139
Delta R.T. 0.38 min
Lab File: BG031920.D
Acq: 4 Jan 2018 18:06

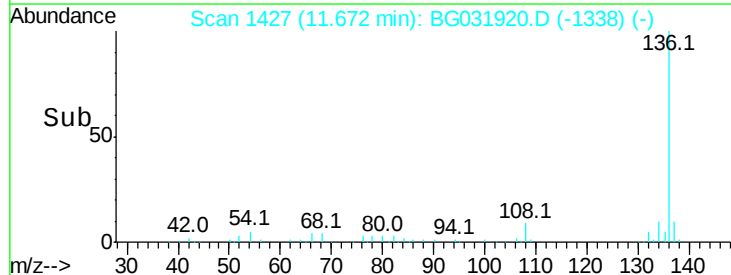
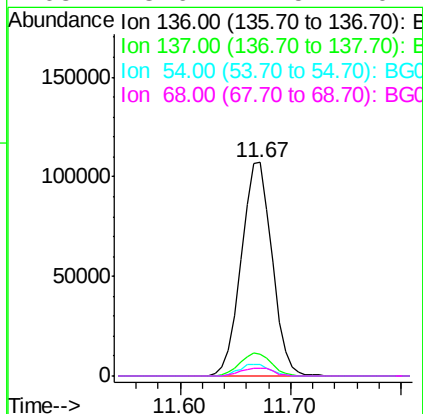
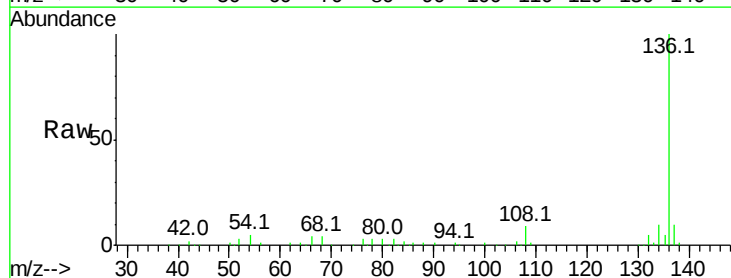
Instrument :
BNA_G
ClientSampled :

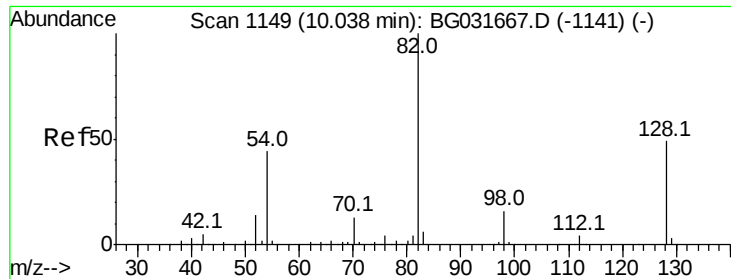
Tot Ion: 70 Resp: 29701
Ion Ratio Lower Upper
70 100
42 43.8 49.1 73.7#
101 0.0 8.5 12.7#
130 3.5 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.67 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BG031920.D
Acq: 4 Jan 2018 18:06

Tgt Ion:136 Resp: 210247
Ion Ratio Lower Upper
136 100
137 9.9 9.2 13.8
54 5.4 10.3 15.5#
68 3.6 4.5 6.7#

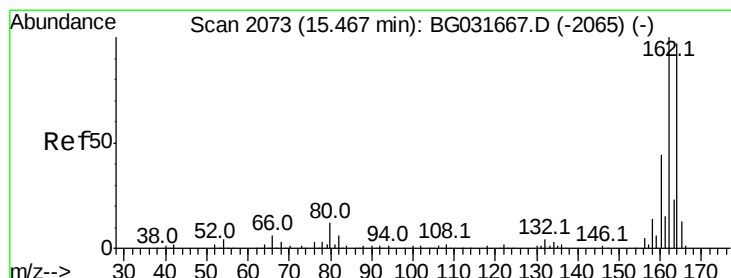
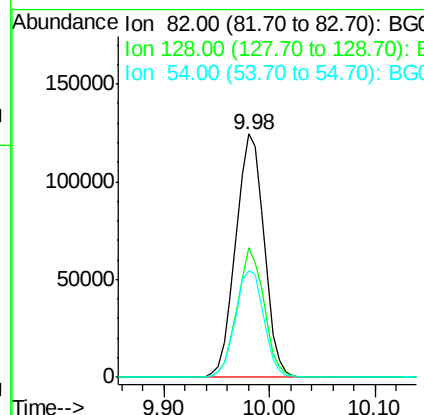
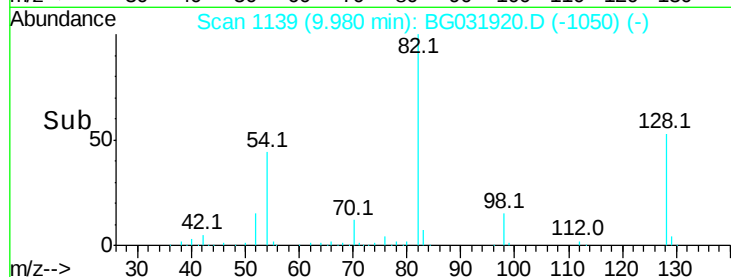
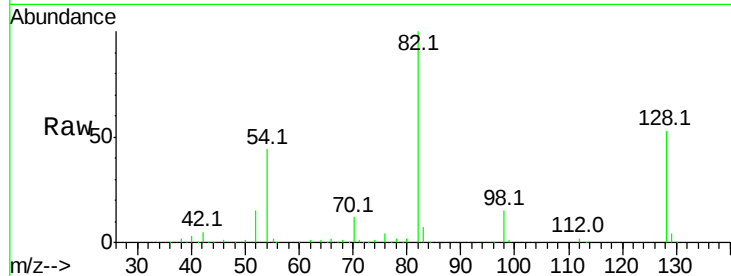




#23
 Nitrobenzene-d5
 Concen: 82.789 ng
 RT: 9.98 min Scan# 1139
 Delta R.T. -0.01 min
 Lab File: BG031920.D
 Acq: 4 Jan 2018 18:06

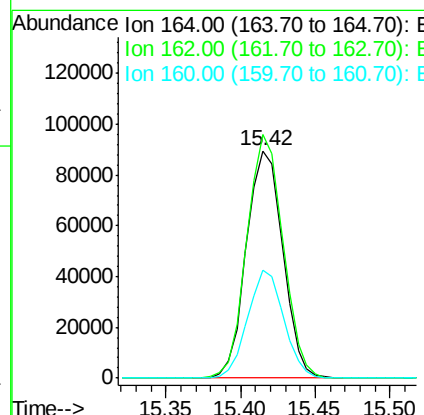
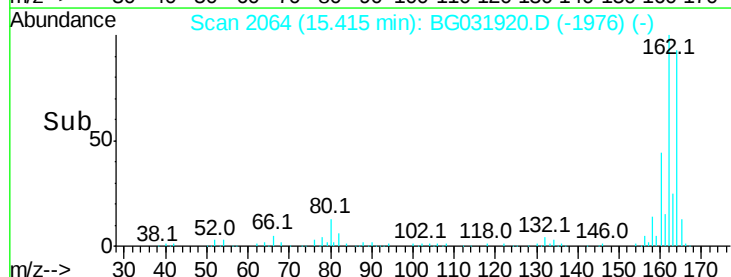
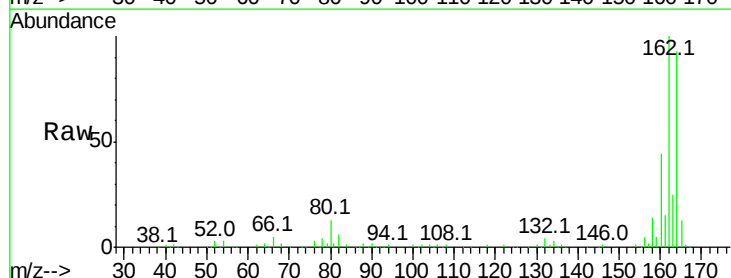
Instrument :
 BNA_G
 ClientSampleId :

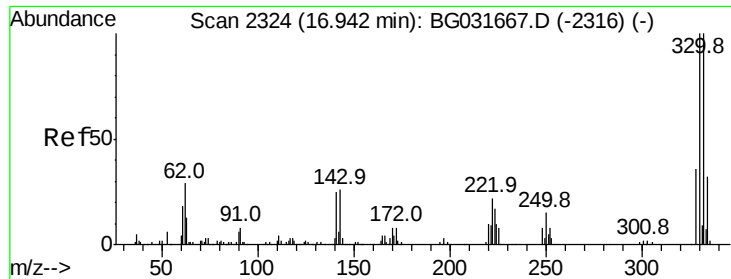
Tot Ion: 82 Resp: 230507
 Ion Ratio Lower Upper
 82 100
 128 53.0 29.7 44.5#
 54 43.9 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: BG031920.D
 Acq: 4 Jan 2018 18:06

Tgt Ion:164 Resp: 150951
 Ion Ratio Lower Upper
 164 100
 162 107.2 78.8 118.2
 160 47.3 35.4 53.0

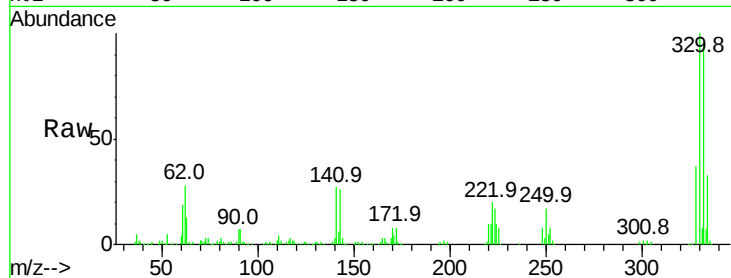




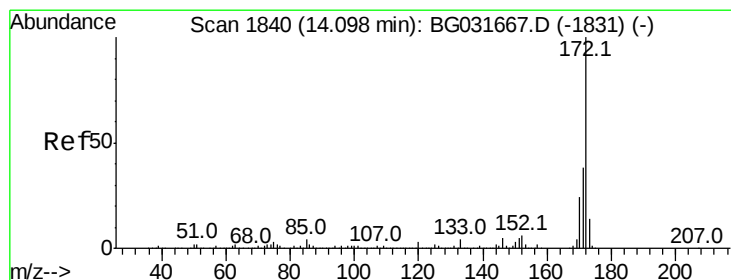
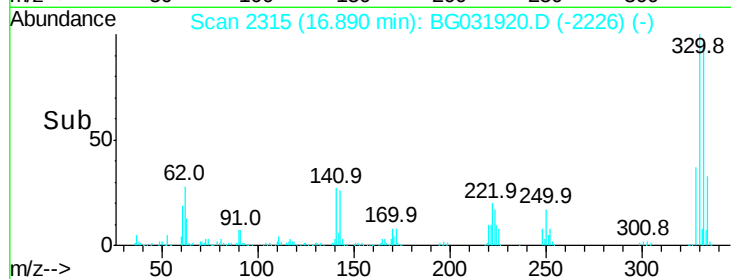
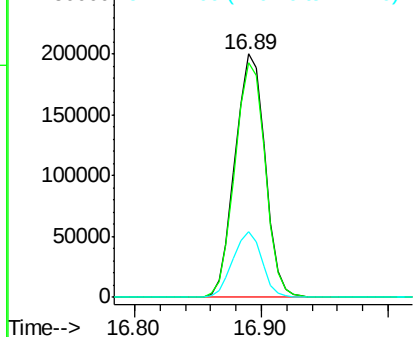
#41
 2,4,6-Tribromophenol
 Concen: 142.940 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. -0.01 min
 Lab File: BG031920.D
 Acq: 4 Jan 2018 18:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	26.2	25.2	37.8

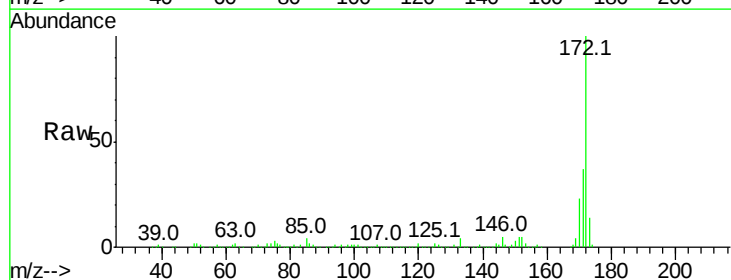


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

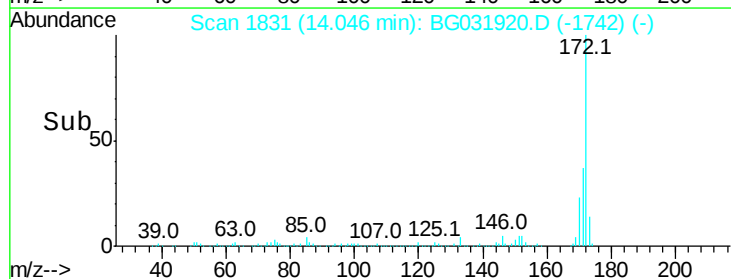
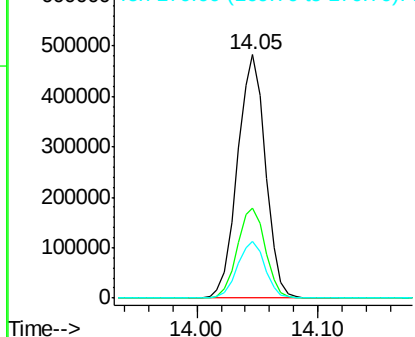


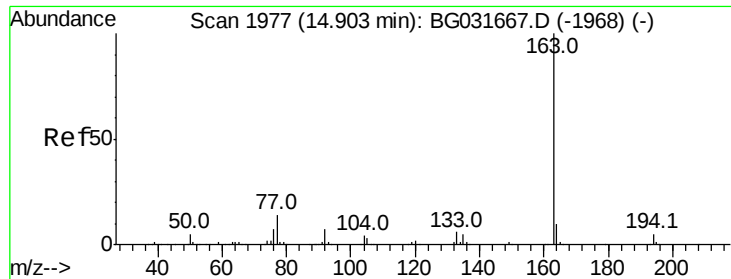
#44
 2-Fluorobiphenyl
 Concen: 64.804 ng
 RT: 14.05 min Scan# 1831
 Delta R.T. -0.01 min
 Lab File: BG031920.D
 Acq: 4 Jan 2018 18:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.0	45.0
170	23.5	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

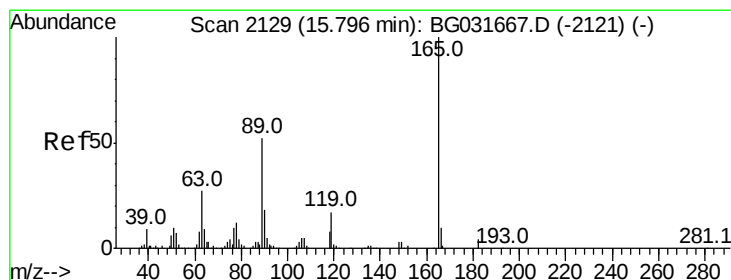
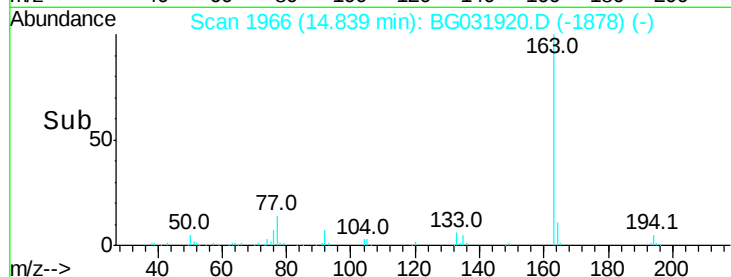
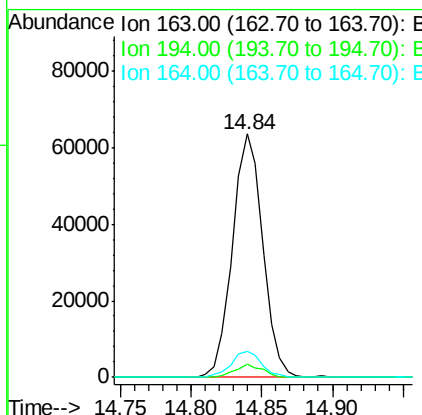
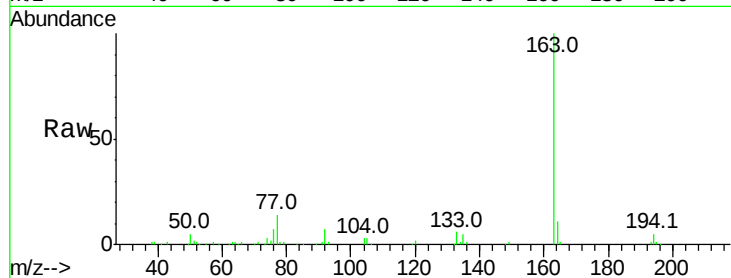




#49
Dimethylphthalate
Concen: 7.160 ng
RT: 14.84 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BG031920.D
Acq: 4 Jan 2018 18:06

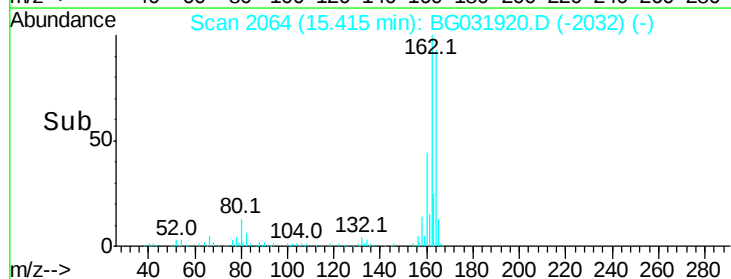
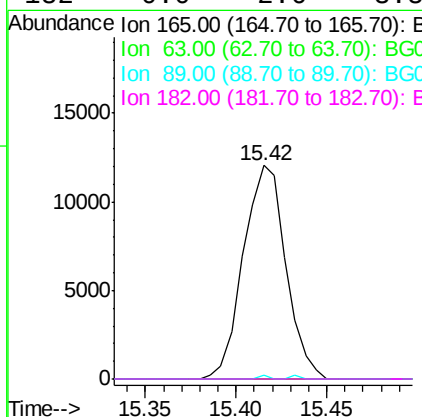
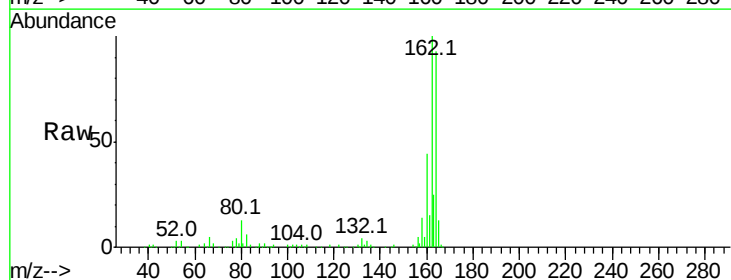
Instrument :
BNA_G
ClientSampleId :

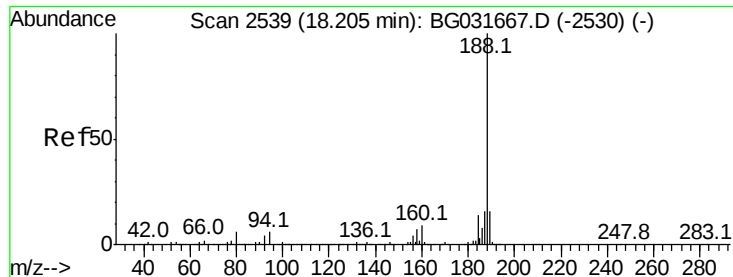
Tot Ion:163 Resp: 95221
Ion Ratio Lower Upper
163 100
194 5.3 3.4 5.2#
164 10.8 8.2 12.4



#56
2,4-Dinitrotoluene
Concen: 6.272 ng
RT: 15.42 min Scan# 2064
Delta R.T. -0.34 min
Lab File: BG031920.D
Acq: 4 Jan 2018 18:06

Tgt Ion:165 Resp: 19731
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 1.7 66.9 100.3#
182 0.0 2.6 3.8#

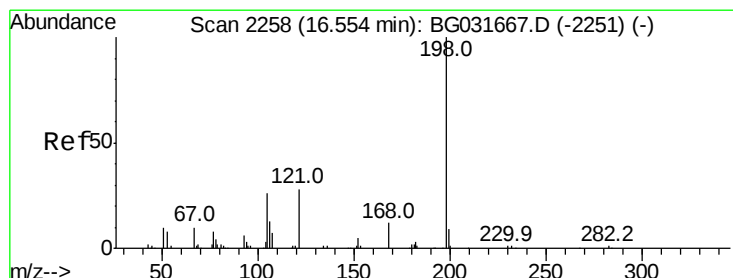
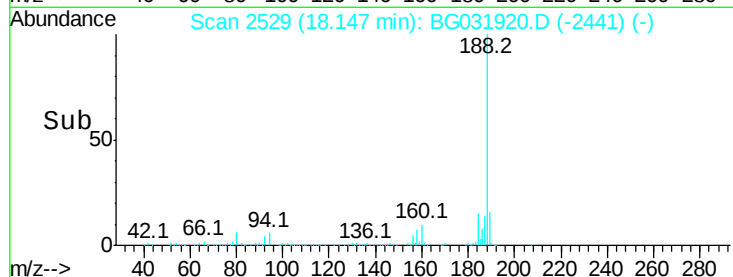
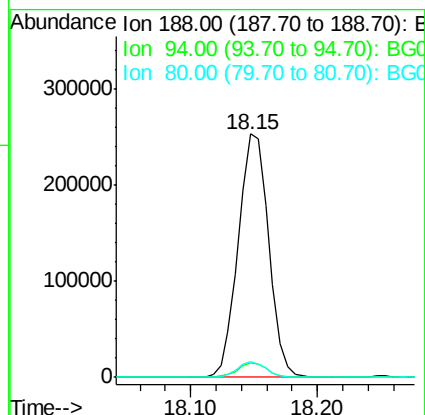
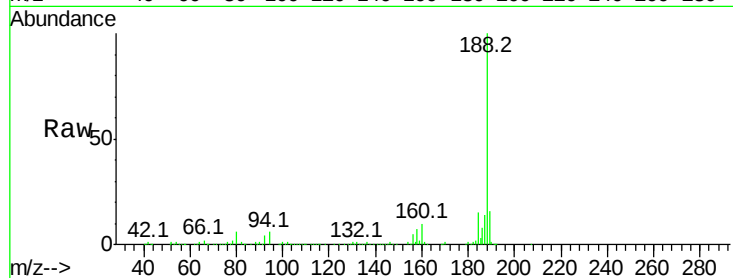




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.15 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BG031920.D
Acq: 4 Jan 2018 18:06

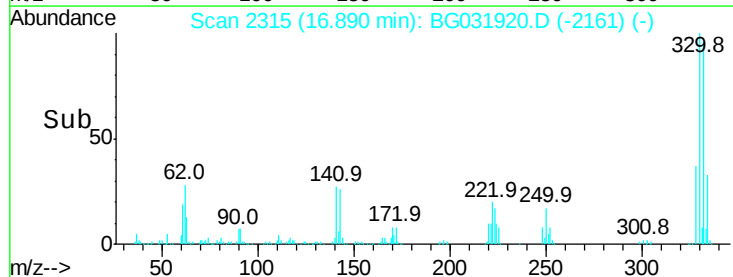
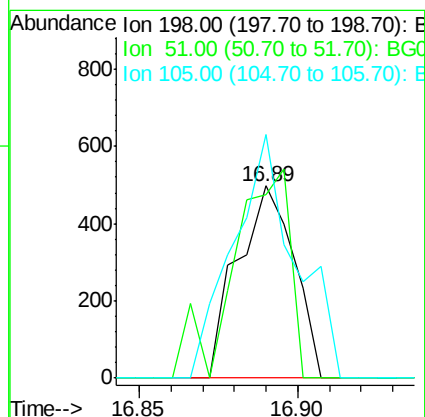
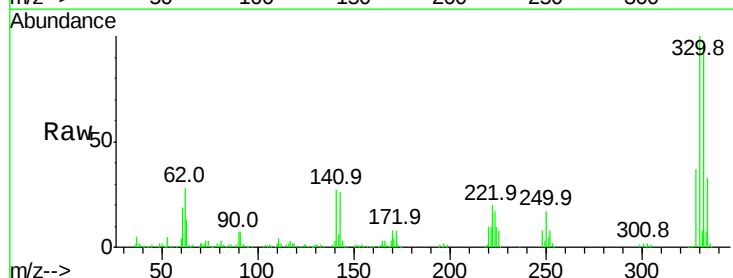
Instrument :
BNA_G
ClientSampleId :

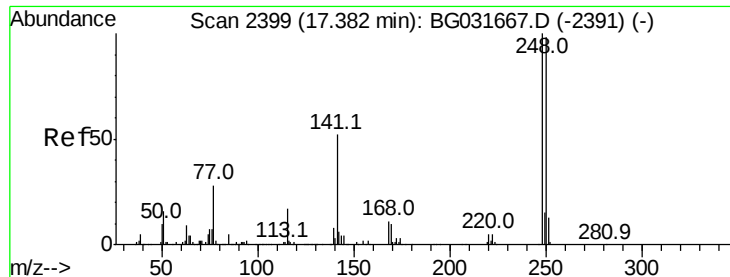
Tot Ion:188 Resp: 421871
Ion Ratio Lower Upper
188 100
94 5.8 6.9 10.3#
80 6.3 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 8.554 ng
RT: 16.89 min Scan# 2315
Delta R.T. 0.38 min
Lab File: BG031920.D
Acq: 4 Jan 2018 18:06

Tgt Ion:198 Resp: 615
Ion Ratio Lower Upper
198 100
51 95.2 30.6 70.6#
105 126.7 23.8 63.8#

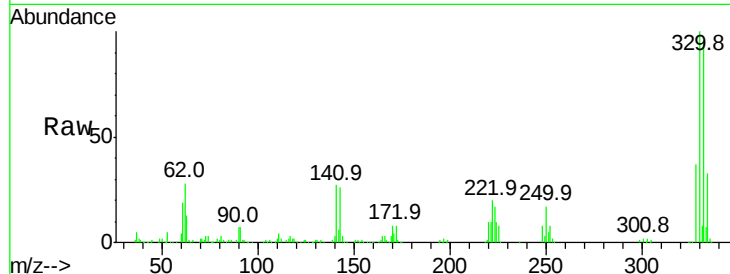




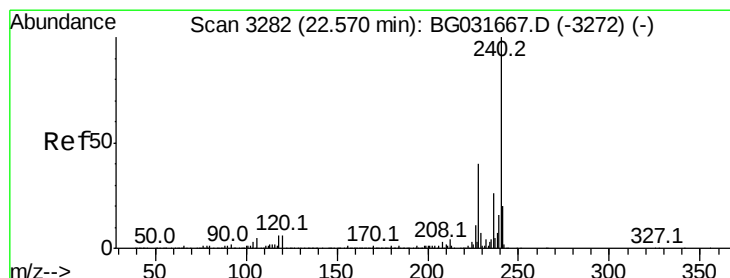
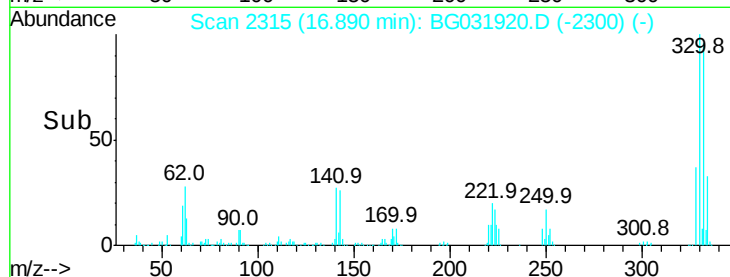
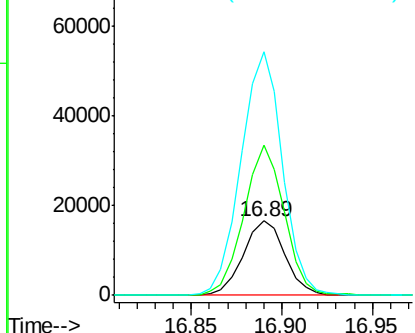
#66
4-Bromophenyl-phenylether
Concen: 4.348 ng
RT: 16.89 min Scan# 2315
Delta R.T. -0.44 min
Lab File: BG031920.D
Acq: 4 Jan 2018 18:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 26524
Ion Ratio Lower Upper
248 100
250 203.5 77.1 115.7#
141 328.8 50.8 76.2#

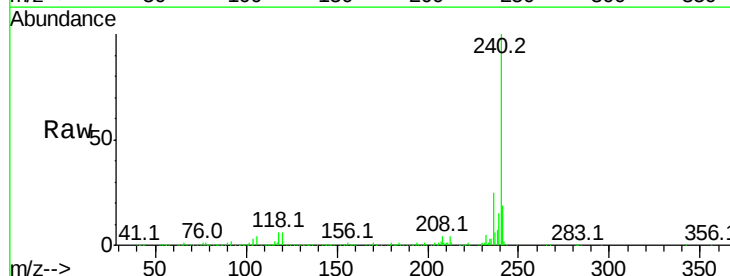


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

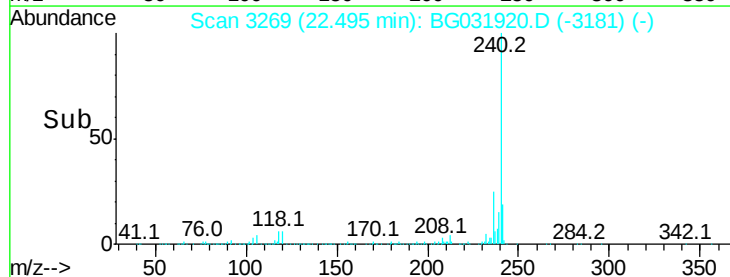
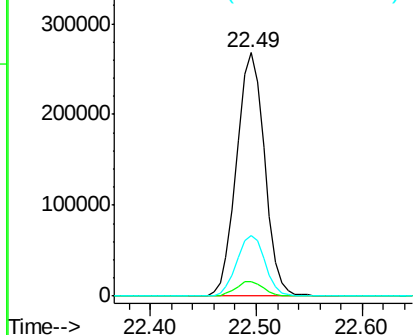


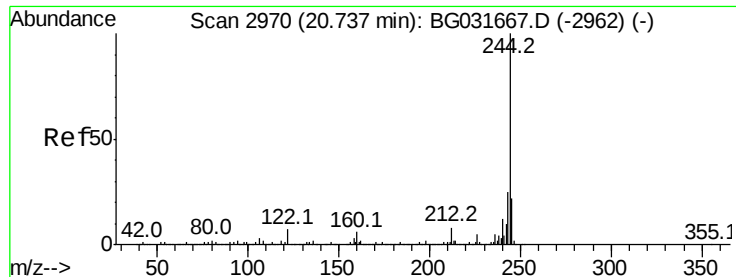
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.49 min Scan# 3269
Delta R.T. -0.01 min
Lab File: BG031920.D
Acq: 4 Jan 2018 18:06

Tgt Ion:240 Resp: 492501
Ion Ratio Lower Upper
240 100
120 5.7 6.8 10.2#
236 24.9 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: 62.408 ng

RT: 20.69 min Scan# 2961

Delta R.T. -0.01 min

Lab File: BG031920.D

Acq: 4 Jan 2018 18:06

Instrument :

BNA_G

ClientSampleId :

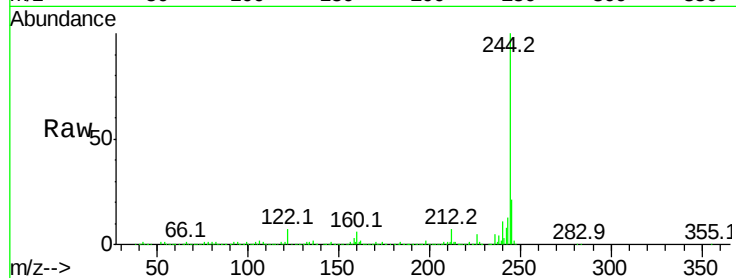
Tot Ion:244 Resp: 1345336

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

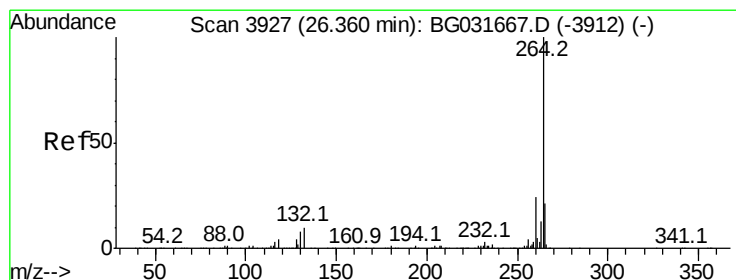
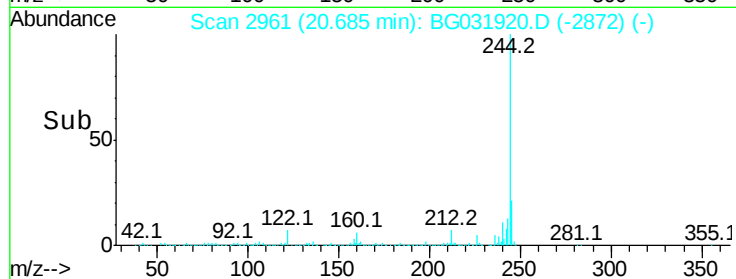
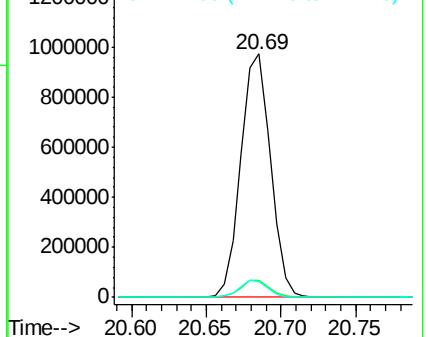
122 6.6 7.0 10.4#



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# 3905

Delta R.T. -0.02 min

Lab File: BG031920.D

Acq: 4 Jan 2018 18:06

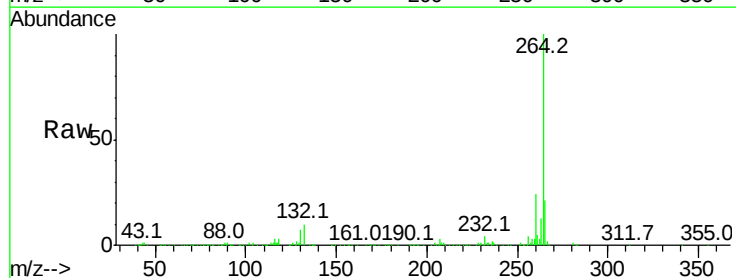
Tgt Ion:264 Resp: 480162

Ion Ratio Lower Upper

264 100

260 23.6 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

