

Data Path : U:\HPCHEM1\BNA G\DATA\BG010418\
 Data File : BG031925.D
 Acq On : 4 Jan 2018 21:14
 Operator : SJ/JU
 Sample : J1025-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 05 03:13:13 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	8.79	152	47398	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	194262	20.00	ng	0.00
38) Acenaphthene-d10	15.41	164	133266	20.00	ng	-0.01
63) Phenanthrene-d10	18.15	188	389644	20.00	ng	-0.01
75) Chrysene-d12	22.49	240	476356	20.00	ng	-0.01
86) Perylene-d12	26.23	264	457105	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.21	112	386896	148.67	ng	0.00
7) Phenol-d6	7.89	99	498280	147.48	ng	0.00
23) Nitrobenzene-d5	9.99	82	266796	103.71	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	381986	187.85	ng	0.00
44) 2-Fluorobiphenyl	14.05	172	824525	77.66	ng	0.00
78) Terphenyl-d14	20.68	244	1651625	79.21	ng	0.00

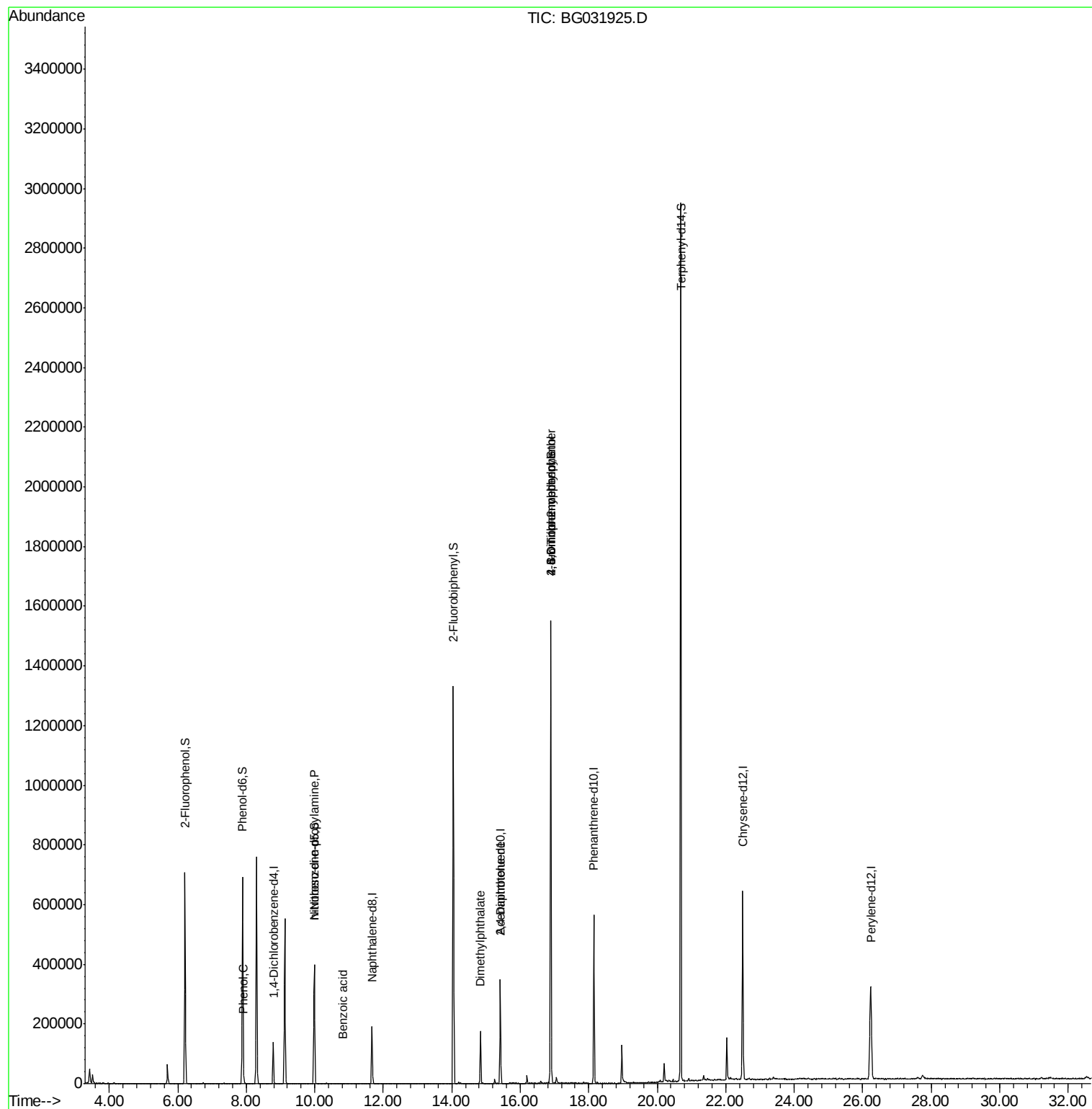
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	7.92	94	19257	5.645	ng	94
19) n-Nitroso-di-n-propylamine	9.99	70	34622	15.005	ng	# 70
32) Benzoic acid	10.81	122	56	6.719	ng	# 1
49) Dimethylphthalate	14.84	163	139187	11.856	ng	98
56) 2,4-Dinitrotoluene	15.42	165	17273	6.220	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.89	198	943	8.717	ng	# 29
66) 4-Bromophenyl-phenylether	16.89	248	31401	5.573	ng	# 1

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

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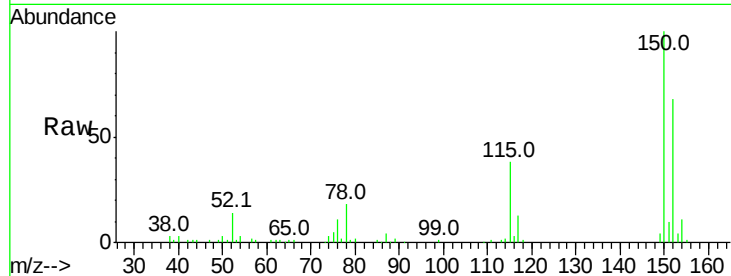


#1

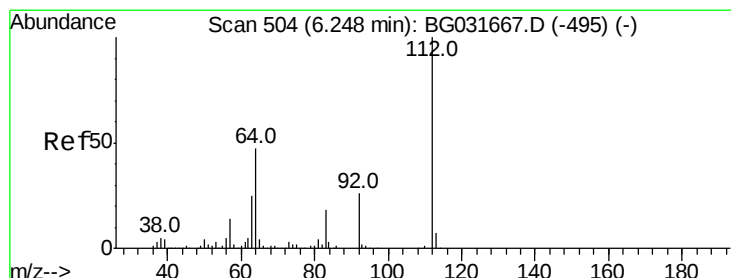
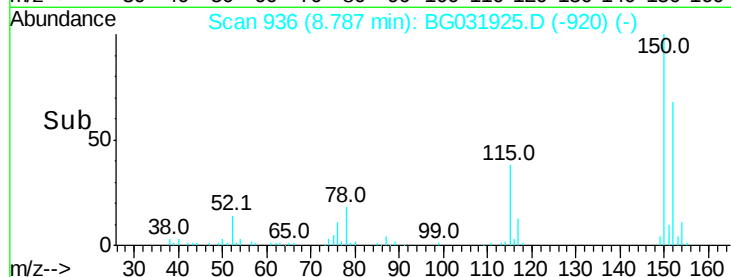
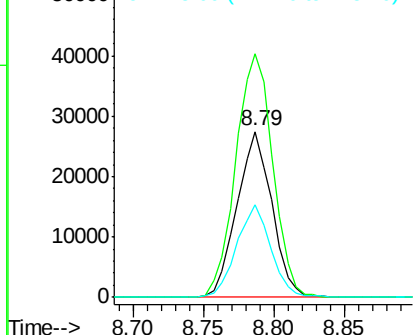
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.79 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG031925.D
Acq: 4 Jan 2018 21:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 47398
Ion Ratio Lower Upper
152 100
150 146.6 126.6 189.8
115 55.5 53.0 79.4



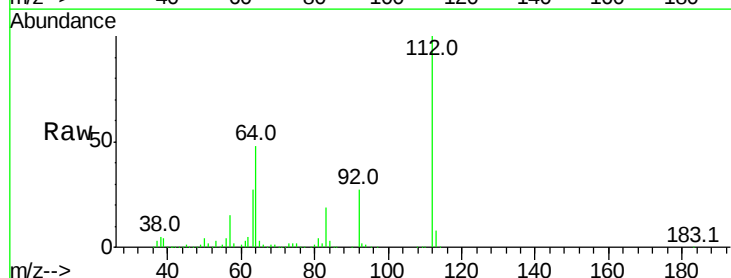
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



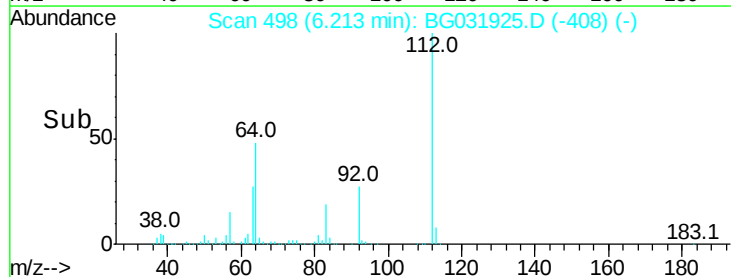
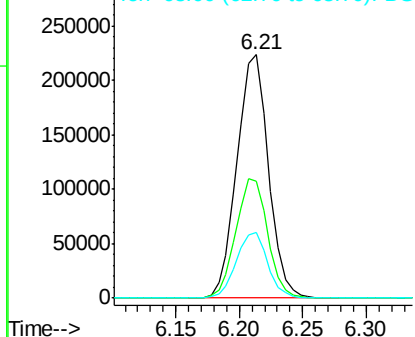
#5

2-Fluorophenol
Concen: 148.674 ng
RT: 6.21 min Scan# 498
Delta R.T. -0.00 min
Lab File: BG031925.D
Acq: 4 Jan 2018 21:14

Tgt Ion:112 Resp: 386896
Ion Ratio Lower Upper
112 100
64 48.0 56.3 84.5#
63 26.9 30.1 45.1#



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





#7

Phenol-d6

Concen: 147.479 ng

RT: 7.89 min Scan# 783

Delta R.T. -0.01 min

Lab File: BG031925.D

Acq: 4 Jan 2018 21:14

Instrument :

BNA_G

ClientSampleId :

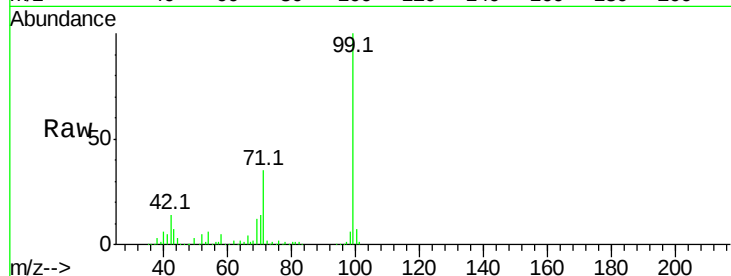
Tot Ion: 99 Resp: 498280

Ion Ratio Lower Upper

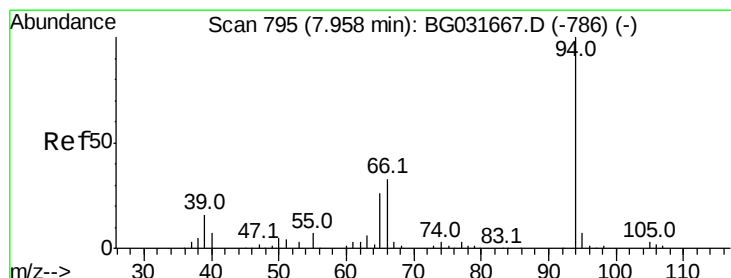
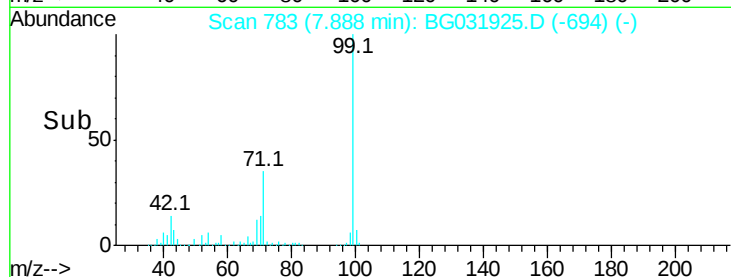
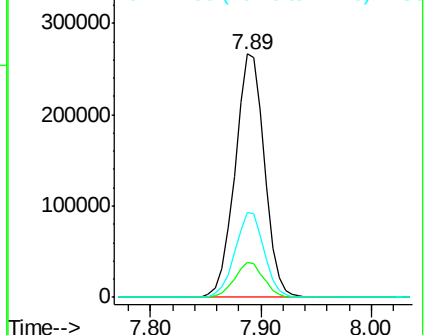
99 100

42 14.5 14.1 21.1

71 34.7 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: 5.645 ng

RT: 7.92 min Scan# 789

Delta R.T. -0.00 min

Lab File: BG031925.D

Acq: 4 Jan 2018 21:14

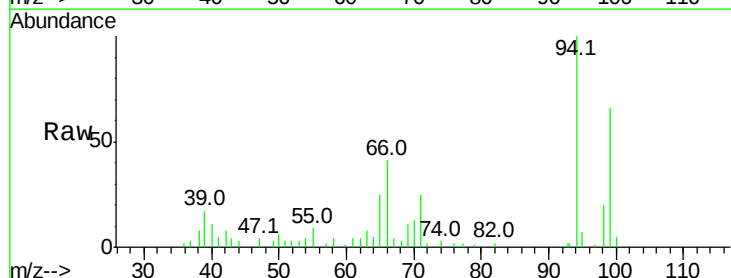
Tgt Ion: 94 Resp: 19257

Ion Ratio Lower Upper

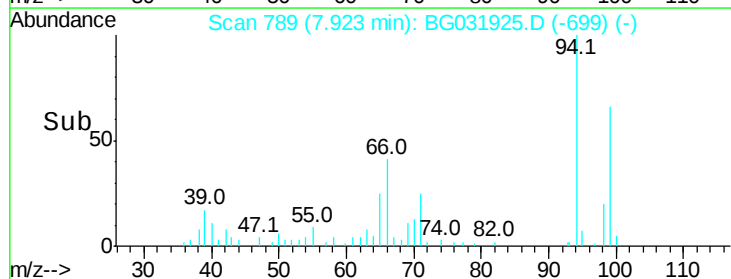
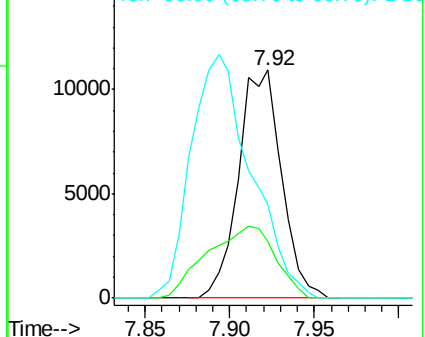
94 100

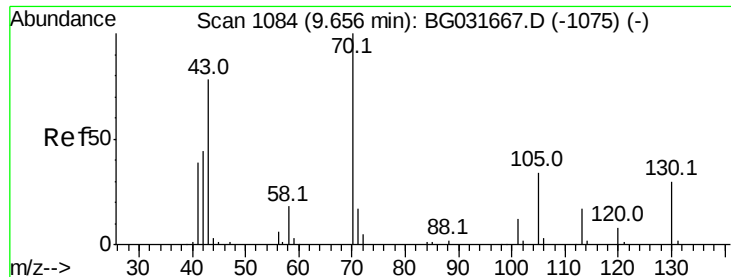
65 25.0 11.9 51.9

66 41.4 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

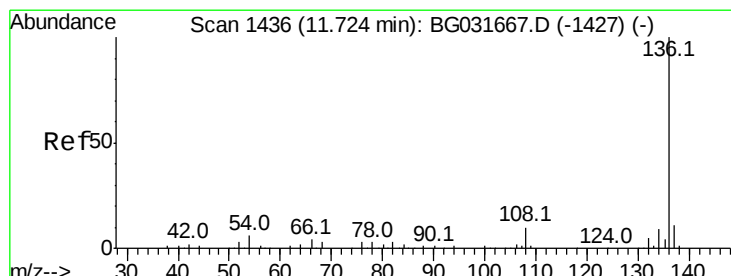
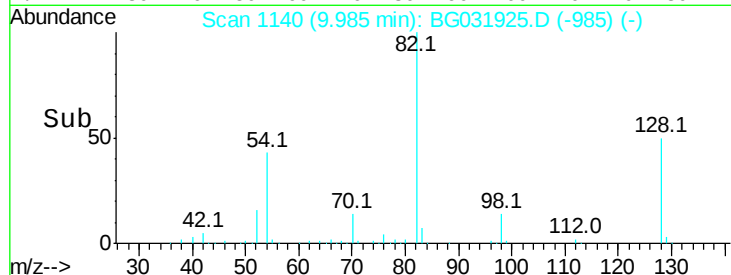
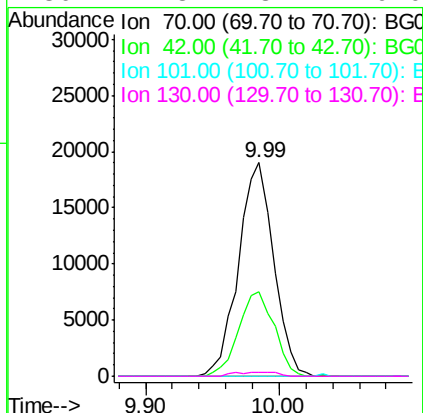
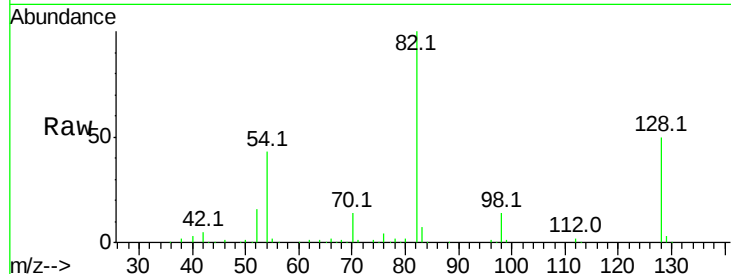




#19
n-Nitroso-di-n-propylamine
Concen: 15.005 ng
RT: 9.99 min Scan# 1140
Delta R.T. 0.38 min
Lab File: BG031925.D
Acq: 4 Jan 2018 21:14

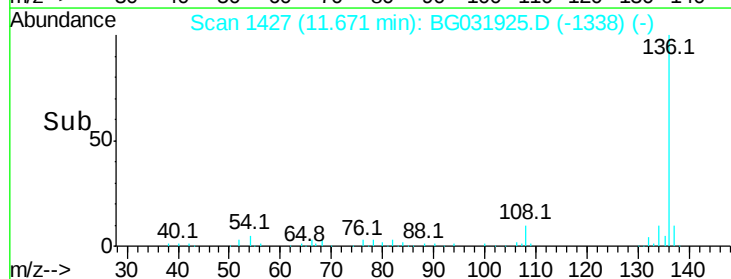
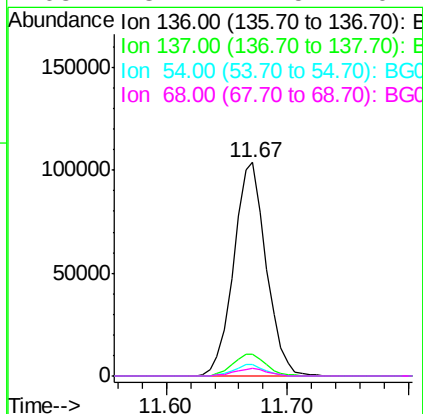
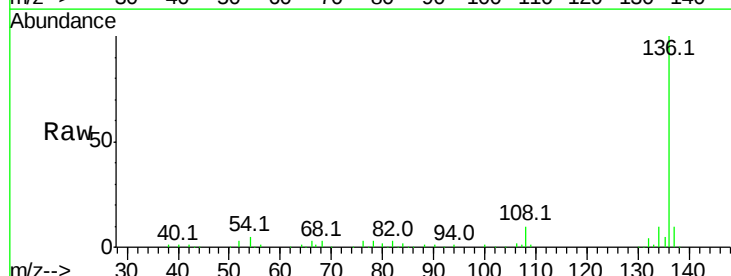
Instrument :
BNA_G
ClientSampleId :

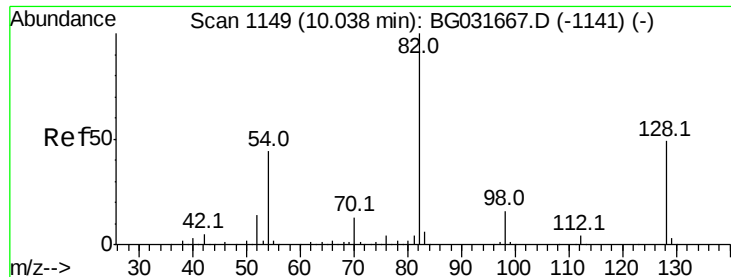
Tot Ion: 70 Resp: 34622
Ion Ratio Lower Upper
70 100
42 39.4 49.1 73.7#
101 0.0 8.5 12.7#
130 1.8 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.67 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BG031925.D
Acq: 4 Jan 2018 21:14

Tgt Ion:136 Resp: 194262
Ion Ratio Lower Upper
136 100
137 10.0 9.2 13.8
54 5.3 10.3 15.5#
68 3.4 4.5 6.7#

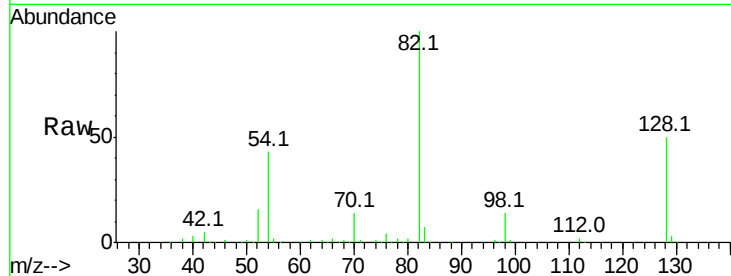




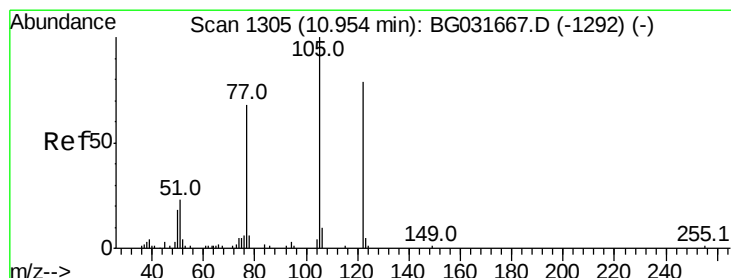
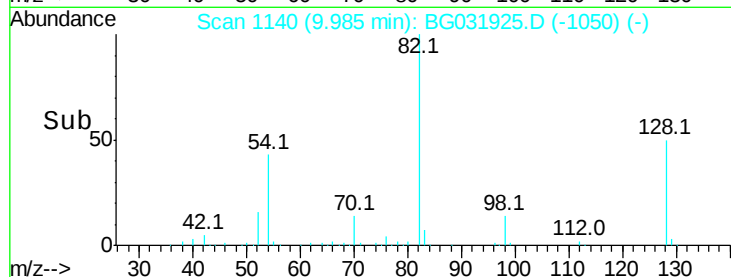
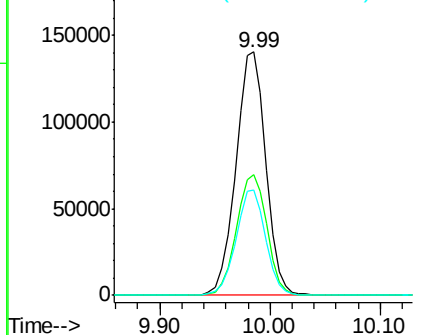
#23
 Nitrobenzene-d5
 Concen: 103.707 ng
 RT: 9.99 min Scan# 1140
 Delta R.T. -0.00 min
 Lab File: BG031925.D
 Acq: 4 Jan 2018 21:14

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	266796
Ion Ratio	Lower	Upper	
82	100		
128	49.7	29.7	44.5#
54	43.1	43.1	64.7

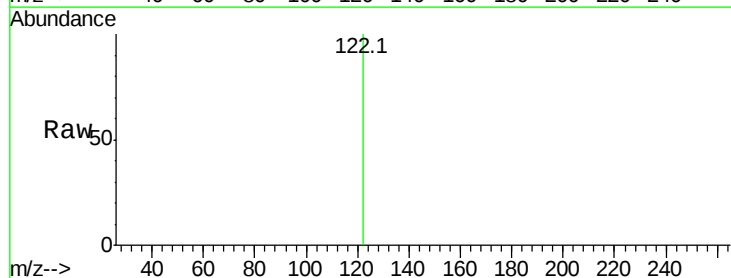


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

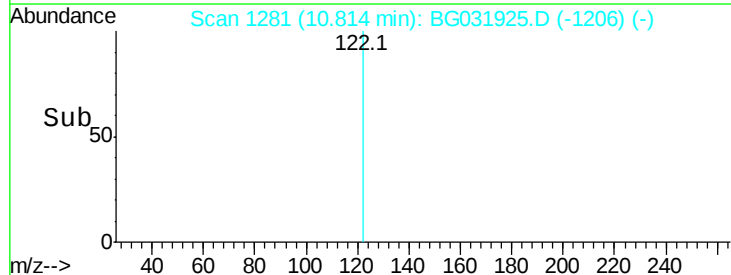
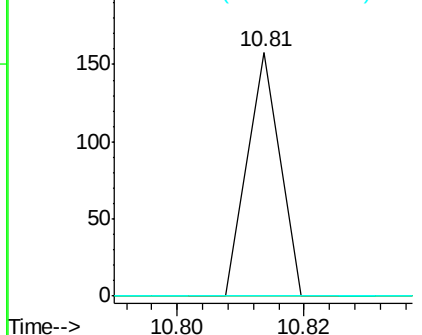


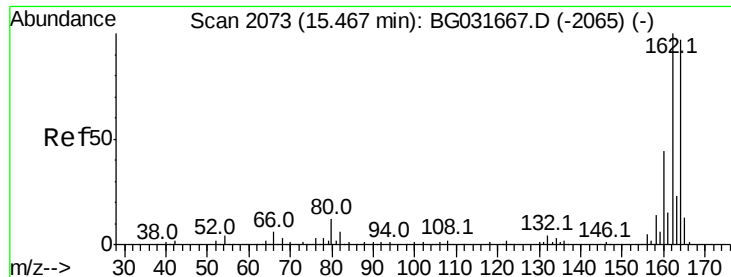
#32
 Benzoic acid
 Concen: 6.719 ng
 RT: 10.81 min Scan# 1281
 Delta R.T. -0.09 min
 Lab File: BG031925.D
 Acq: 4 Jan 2018 21:14

Tgt Ion	122	Resp	56
Ion Ratio	Lower	Upper	
122	100		
105	0.0	123.5	163.5#
77	0.0	85.7	125.7#



Abundance Ion 122.00 (121.70 to 122.70): BGC
 Ion 105.00 (104.70 to 105.70): BGC
 Ion 77.00 (76.70 to 77.70): BGC

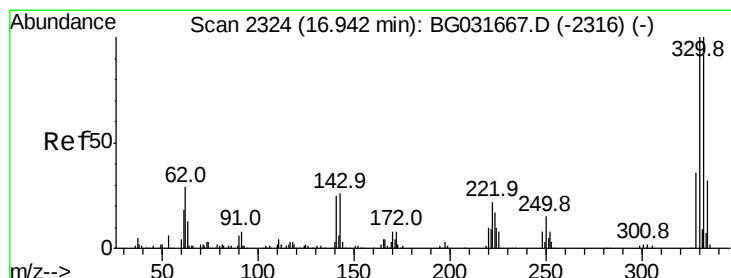
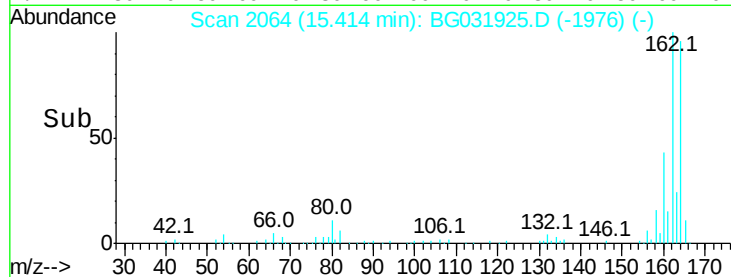
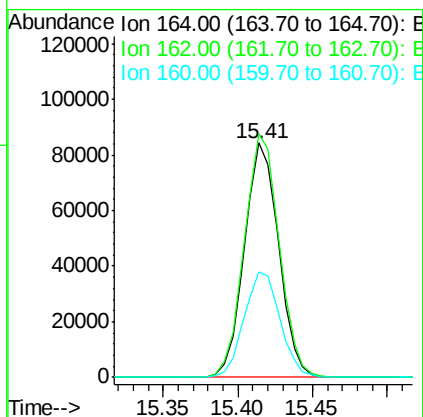
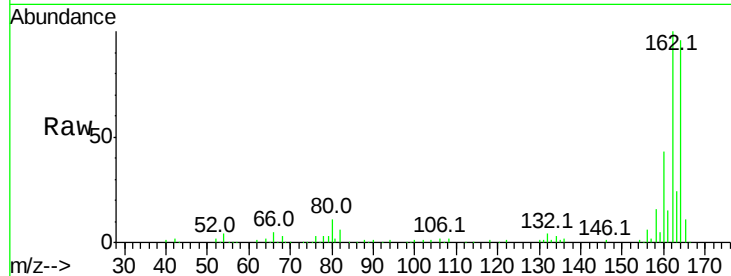




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: BG031925.D
 Acq: 4 Jan 2018 21:14

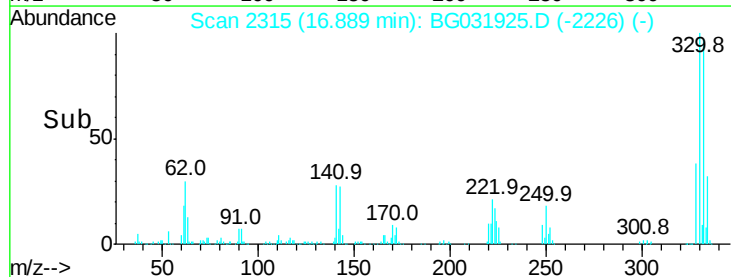
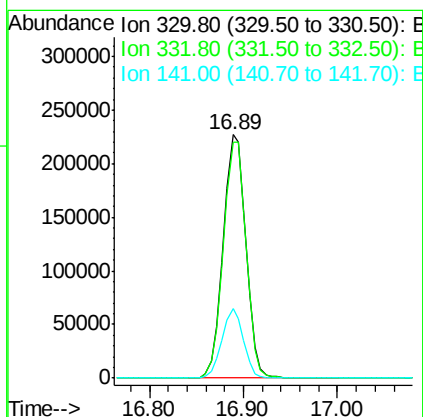
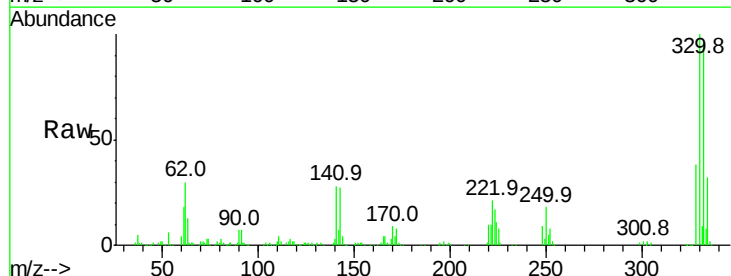
Instrument :
 BNA_G
 ClientSampleID :

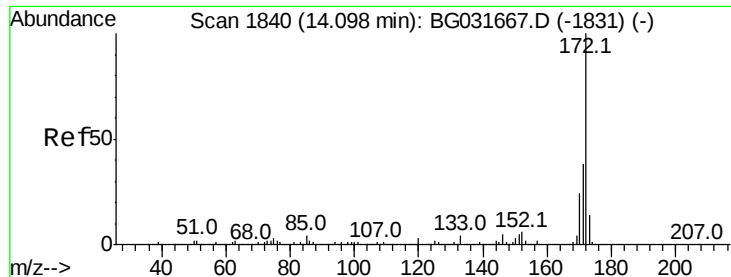
Tot Ion:164 Resp: 133266
 Ion Ratio Lower Upper
 164 100
 162 103.8 78.8 118.2
 160 44.9 35.4 53.0



#41
 2,4,6-Tribromophenol
 Concen: 187.851 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. -0.01 min
 Lab File: BG031925.D
 Acq: 4 Jan 2018 21:14

Tgt Ion:330 Resp: 381986
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.0 115.6
 141 27.2 25.2 37.8

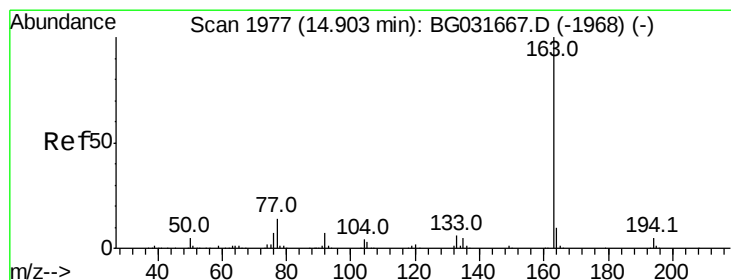
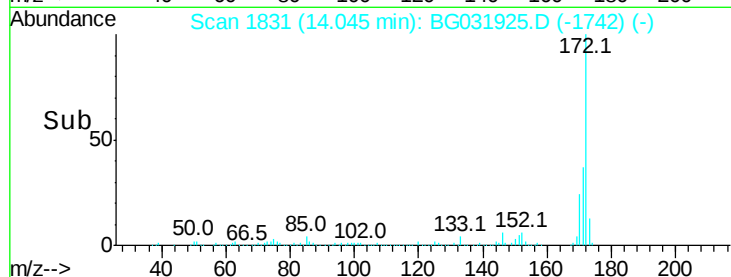
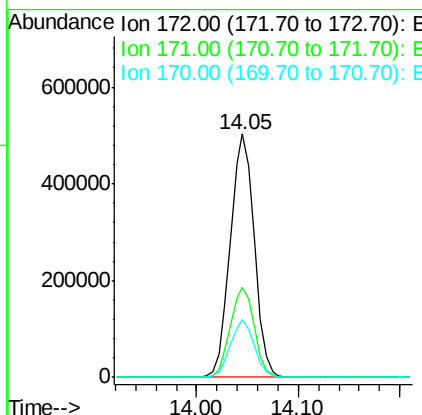
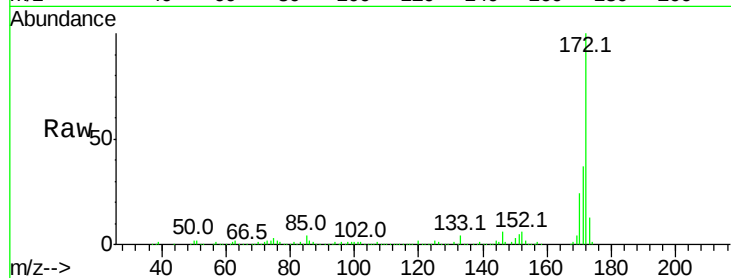




#44
2-Fluorobiphenyl
Concen: 77.656 ng
RT: 14.05 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BG031925.D
Acq: 4 Jan 2018 21:14

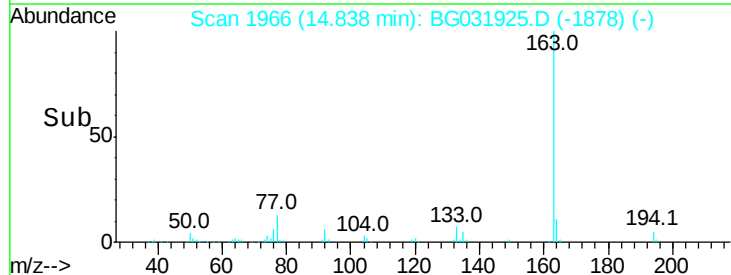
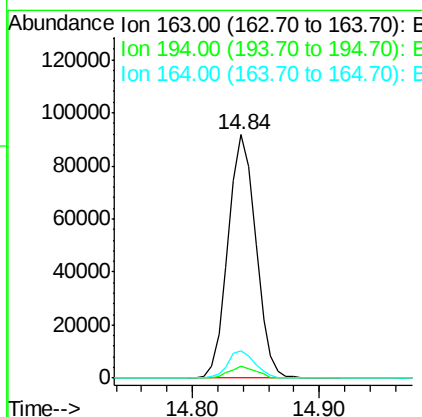
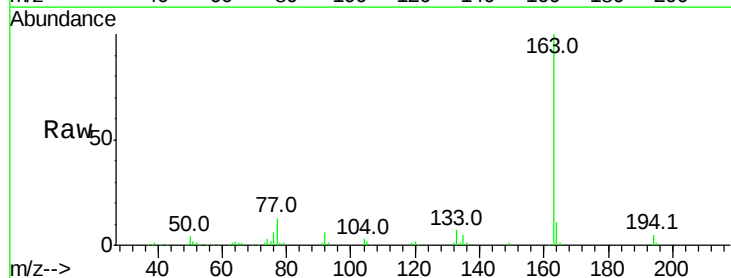
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BNA_G
ClientSampleId :

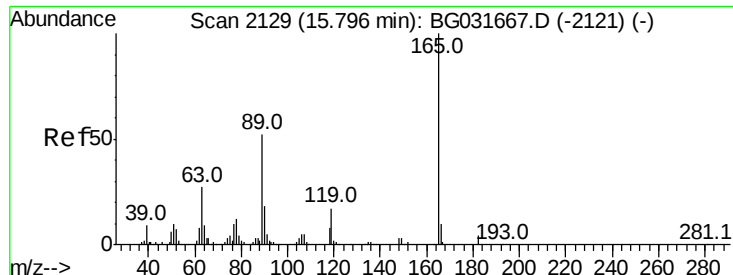
Tot Ion:172 Resp: 824525
Ion Ratio Lower Upper
172 100
171 36.8 30.0 45.0
170 23.8 19.5 29.3



#49
Dimethylphthalate
Concen: 11.856 ng
RT: 14.84 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BG031925.D
Acq: 4 Jan 2018 21:14

Tgt Ion:163 Resp: 139187
Ion Ratio Lower Upper
163 100
194 5.0 3.4 5.2
164 11.1 8.2 12.4

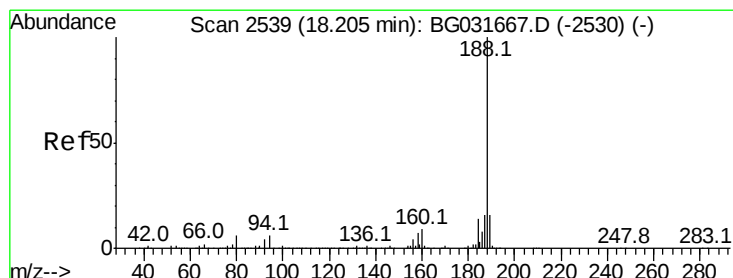
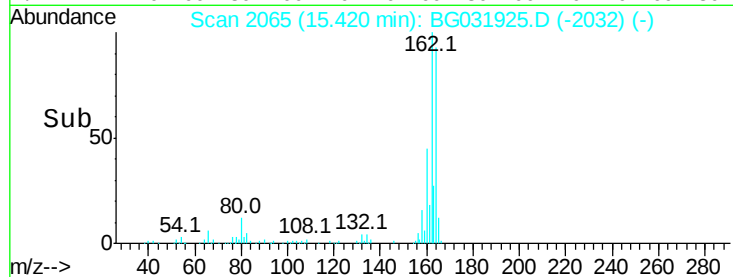
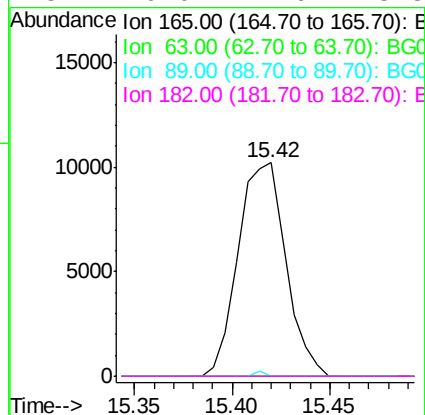
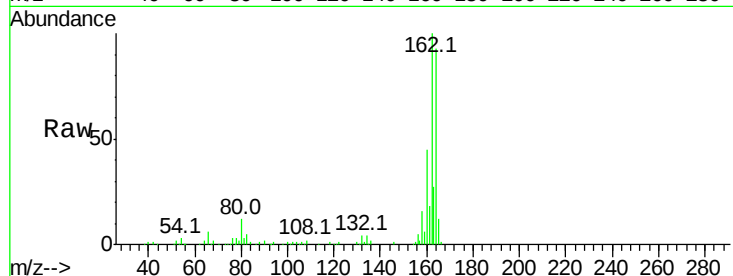




#56
2,4-Dinitrotoluene
Concen: 6.220 ng
RT: 15.42 min Scan# 2065
Delta R.T. -0.34 min
Lab File: BG031925.D
Acq: 4 Jan 2018 21:14

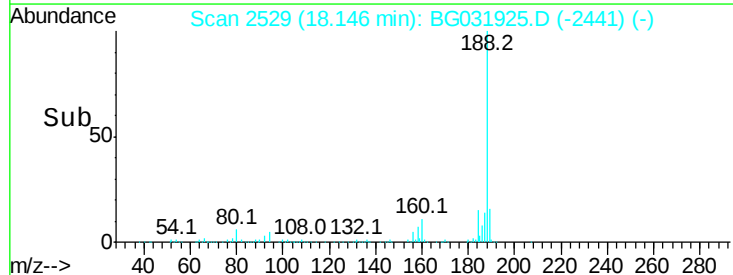
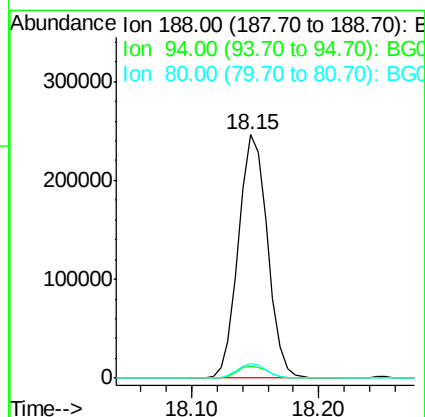
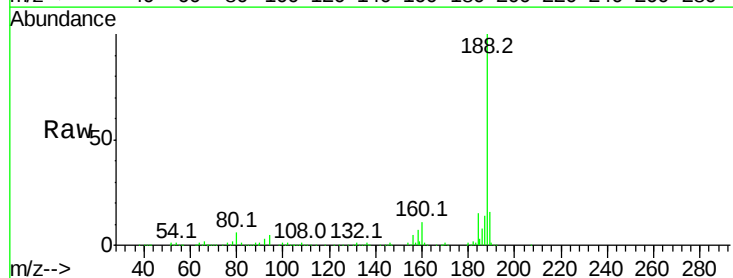
Instrument :
BNA_G
ClientSampleId :

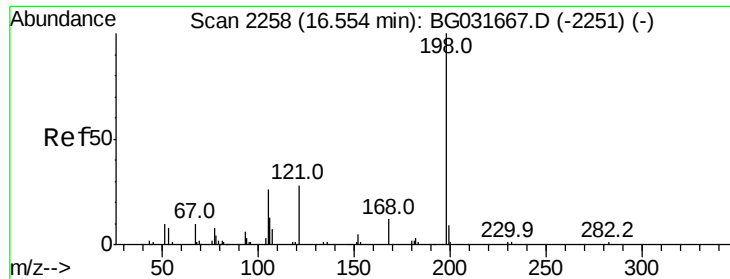
Tot Ion:165 Resp: 17273
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 0.0 66.9 100.3#
182 0.0 2.6 3.8#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.15 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BG031925.D
Acq: 4 Jan 2018 21:14

Tgt Ion:188 Resp: 389644
Ion Ratio Lower Upper
188 100
94 5.1 6.9 10.3#
80 6.0 7.7 11.5#

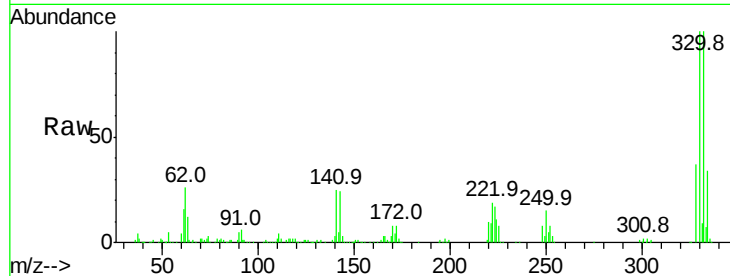




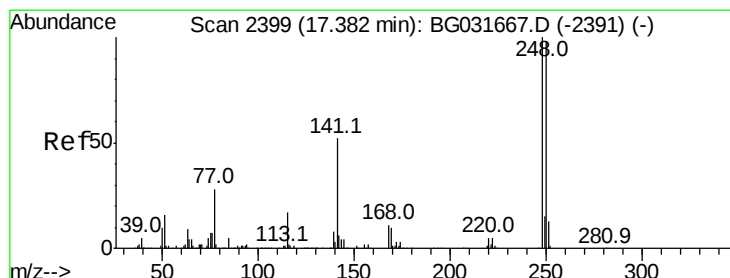
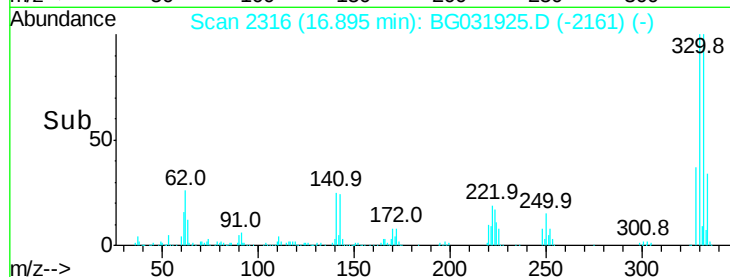
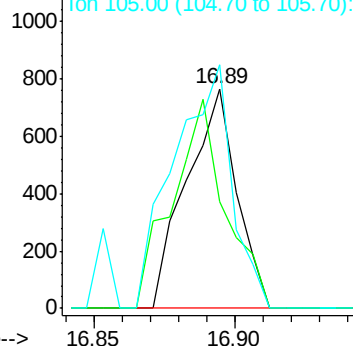
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.717 ng
 RT: 16.89 min Scan# 2316
 Delta R.T. 0.38 min
 Lab File: BG031925.D
 Acq: 4 Jan 2018 21:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 943
 Ion Ratio Lower Upper
 198 100
 51 79.6 30.6 70.6#
 105 111.0 23.8 63.8#

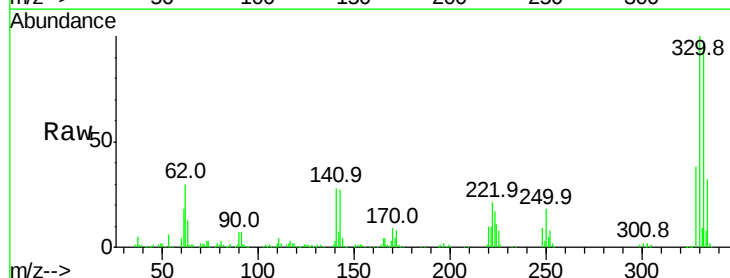


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BGC
 Ion 105.00 (104.70 to 105.70): E

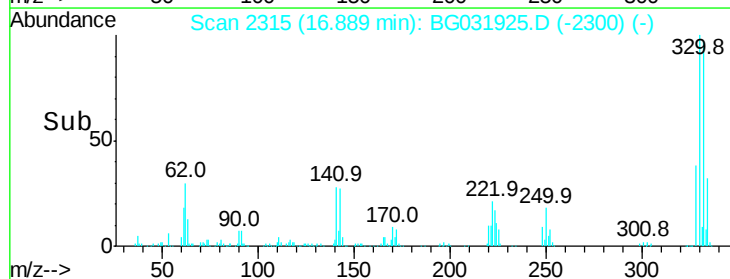
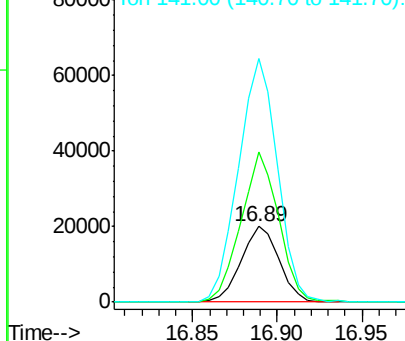


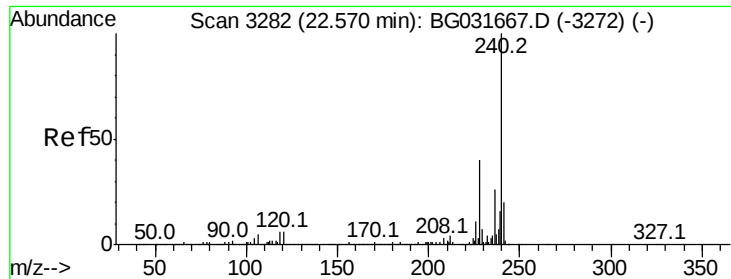
#66
 4-Bromophenyl-phenylether
 Concen: 5.573 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. -0.44 min
 Lab File: BG031925.D
 Acq: 4 Jan 2018 21:14

Tgt Ion:248 Resp: 31401
 Ion Ratio Lower Upper
 248 100
 250 198.8 77.1 115.7#
 141 321.2 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: BG031925.D

Acq: 4 Jan 2018 21:14

Instrument :

BNA_G

ClientSampleId :

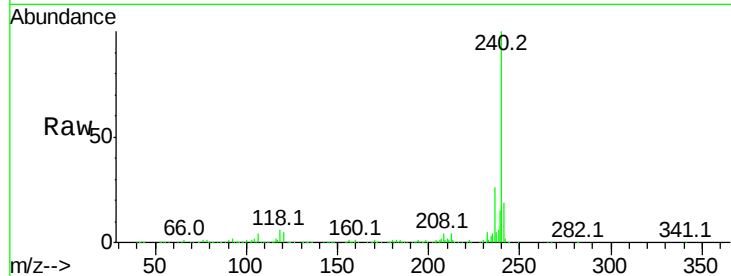
Tot Ion:240 Resp: 476356

Ion Ratio Lower Upper

240 100

120 5.4 6.8 10.2#

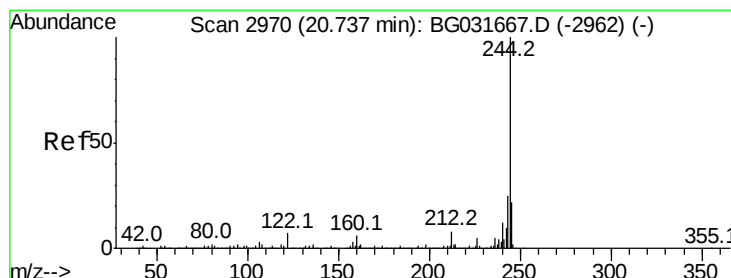
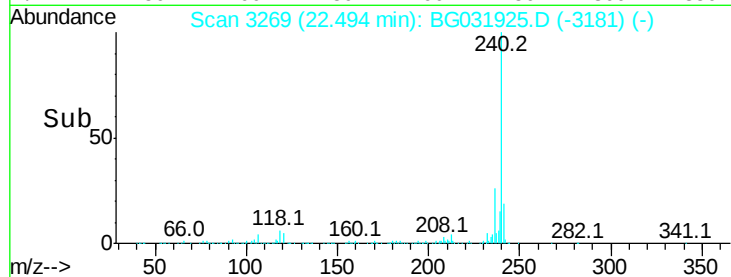
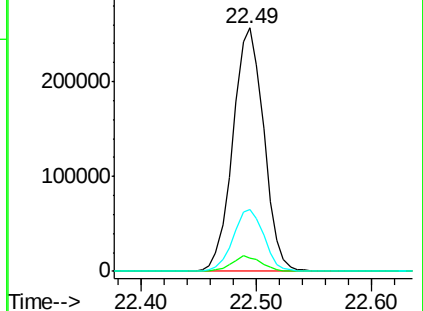
236 25.7 20.9 31.3



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: 79.214 ng

RT: 20.68 min Scan# 2961

Delta R.T. -0.01 min

Lab File: BG031925.D

Acq: 4 Jan 2018 21:14

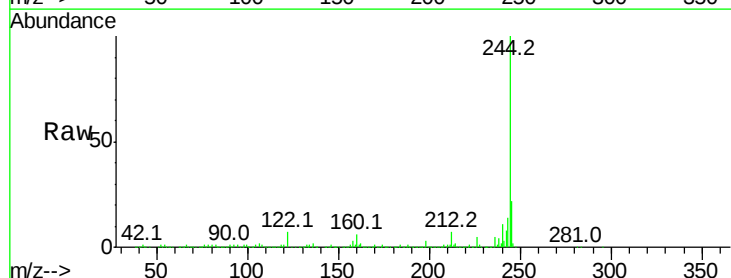
Tgt Ion:244 Resp: 1651625

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

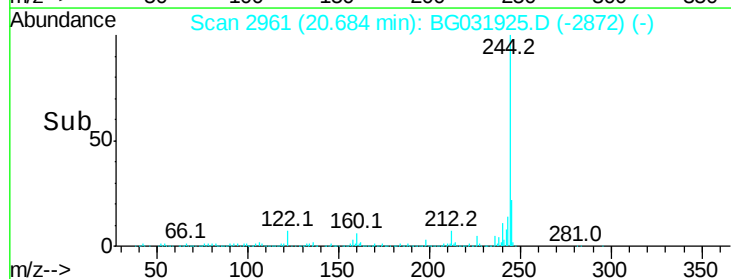
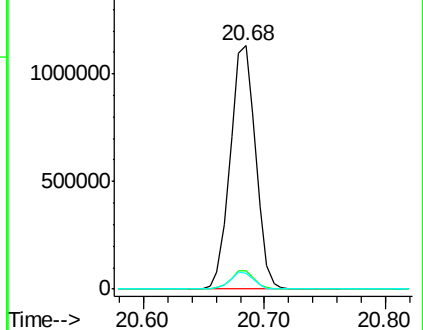
122 6.6 7.0 10.4#

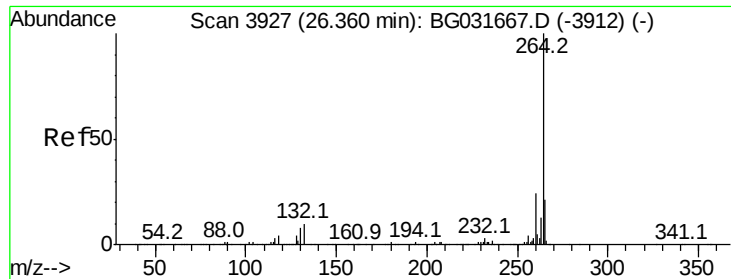


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.23 min Scan# 3905
 Delta R.T. -0.02 min
 Lab File: BG031925.D
 Acq: 4 Jan 2018 21:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	22.3	17.7	26.5

