

Data Path : U:\HPCHEM1\BNA G\DATA\BG010418\
 Data File : BG031924.D
 Acq On : 4 Jan 2018 20:36
 Operator : SJ/JU
 Sample : J1025-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 05 03:12:48 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

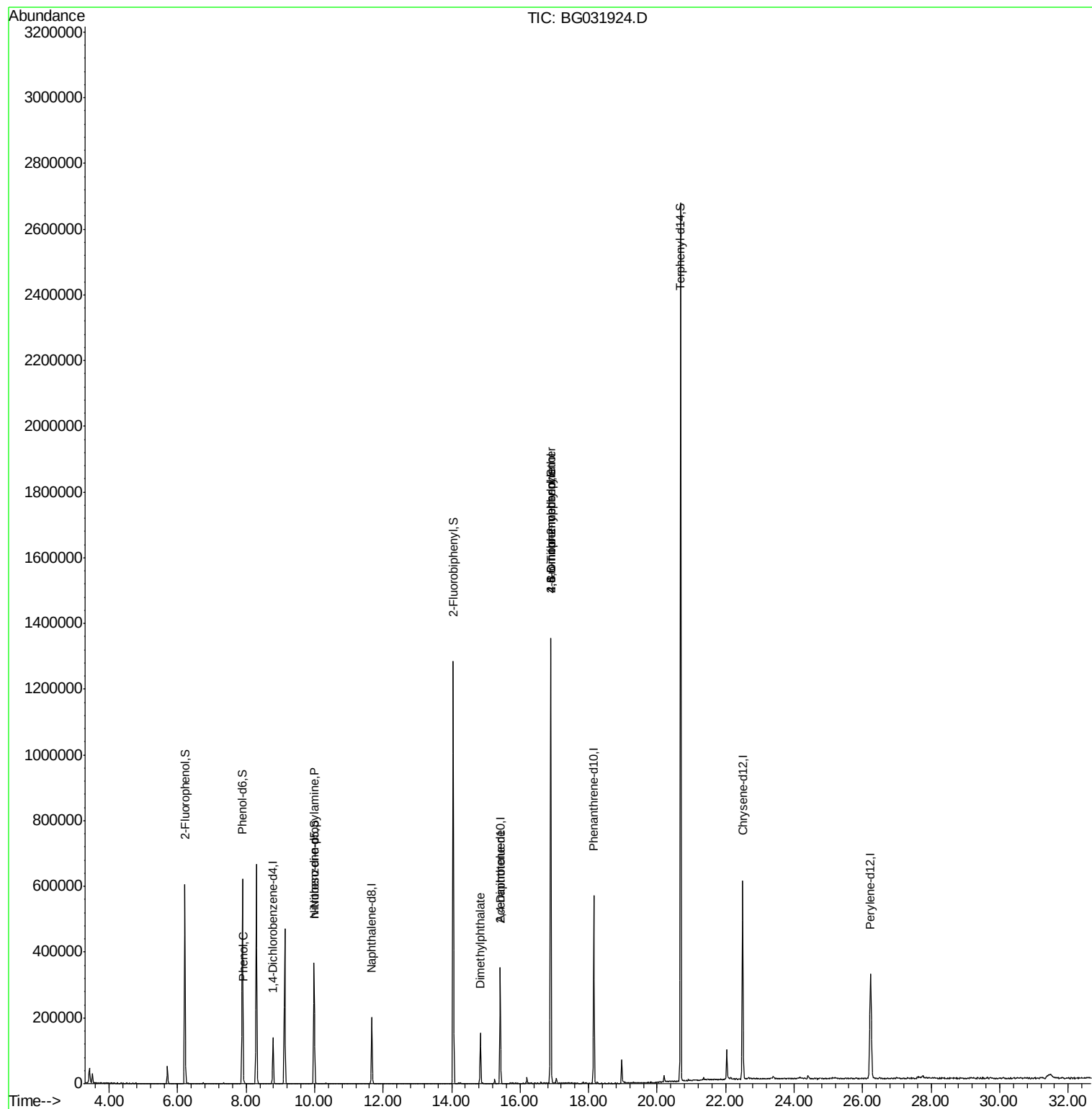
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	46692	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	193520	20.00	ng	0.00
38) Acenaphthene-d10	15.42	164	137849	20.00	ng	0.00
63) Phenanthrene-d10	18.15	188	394112	20.00	ng	0.00
75) Chrysene-d12	22.49	240	468576	20.00	ng	-0.01
86) Perylene-d12	26.23	264	455615	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	334149	130.35	ng	0.00
7) Phenol-d6	7.89	99	439107	131.93	ng	0.00
23) Nitrobenzene-d5	9.98	82	235562	91.92	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	330790	157.27	ng	0.00
44) 2-Fluorobiphenyl	14.04	172	775123	70.58	ng	0.00
78) Terphenyl-d14	20.68	244	1471985	71.77	ng	0.00
Target Compounds						
10) Phenol	7.91	94	16917	5.034	ng	92
19) n-Nitroso-di-n-propylamine	9.98	70	30160	13.269	ng	# 74
49) Dimethylphthalate	14.84	163	121535	10.008	ng	99
56) 2,4-Dinitrotoluene	15.42	165	18416	6.411	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.89	198	1050	8.759	ng	86
66) 4-Bromophenyl-phenylether	16.89	248	27133	4.761	ng	# 1

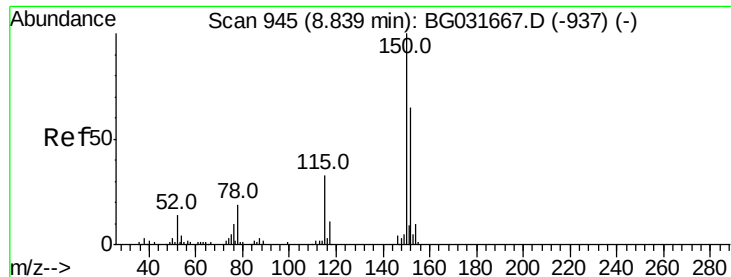
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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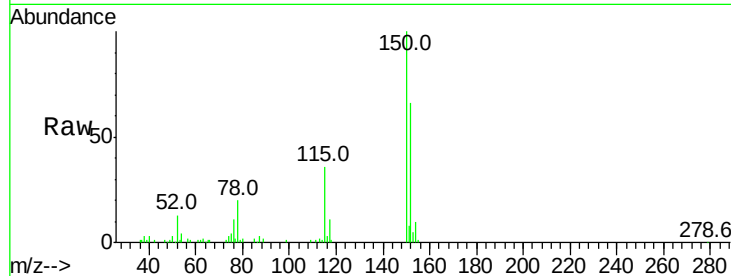


#1

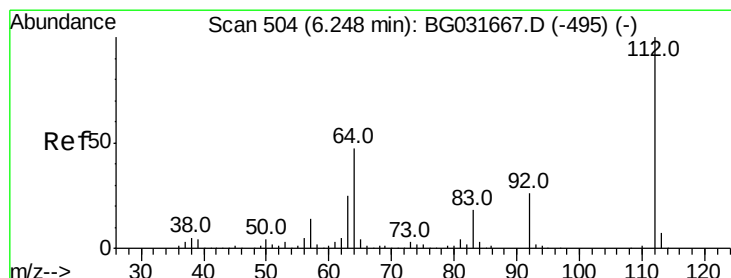
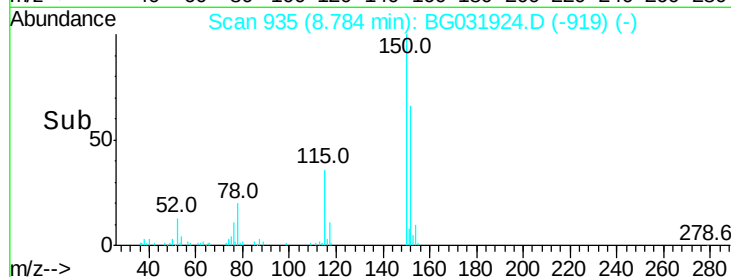
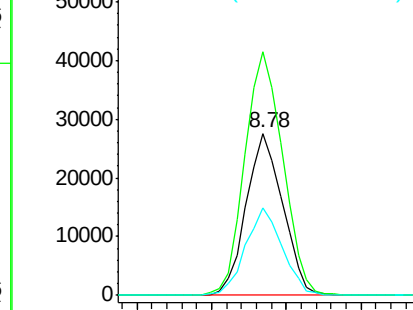
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.78 min Scan# 935
Delta R.T. -0.01 min
Lab File: BG031924.D
Acq: 4 Jan 2018 20:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 46692
Ion Ratio Lower Upper
152 100
150 150.5 126.6 189.8
115 54.2 53.0 79.4



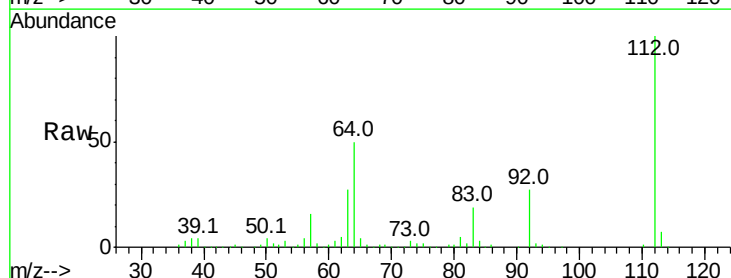
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



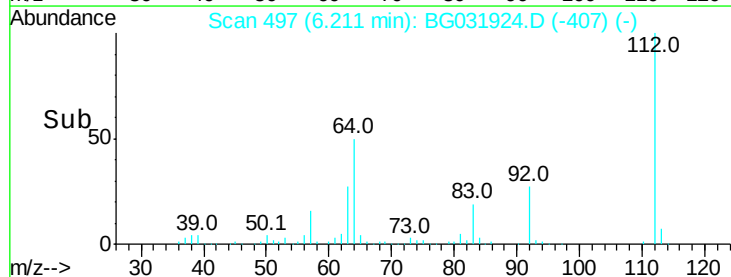
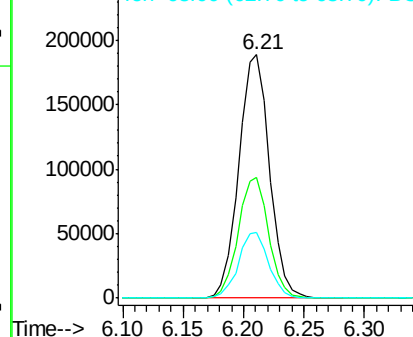
#5

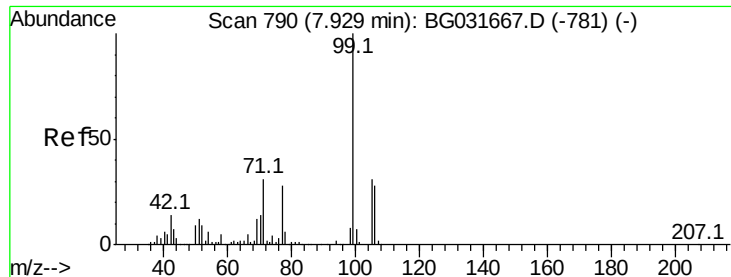
2-Fluorophenol
Concen: 130.346 ng
RT: 6.21 min Scan# 497
Delta R.T. -0.00 min
Lab File: BG031924.D
Acq: 4 Jan 2018 20:36

Tgt Ion:112 Resp: 334149
Ion Ratio Lower Upper
112 100
64 49.5 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): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 131.930 ng

RT: 7.89 min Scan# 783

Delta R.T. -0.00 min

Lab File: BG031924.D

Acq: 4 Jan 2018 20:36

Instrument :

BNA_G

ClientSampleId :

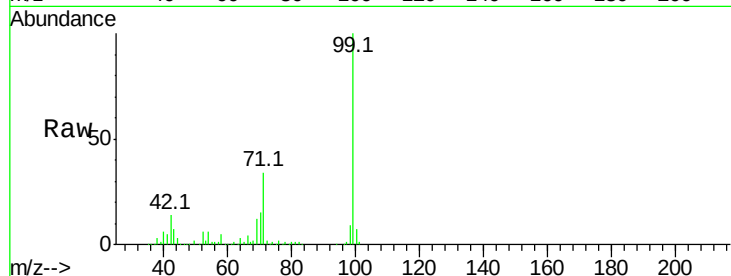
Tot Ion: 99 Resp: 439107

Ion Ratio Lower Upper

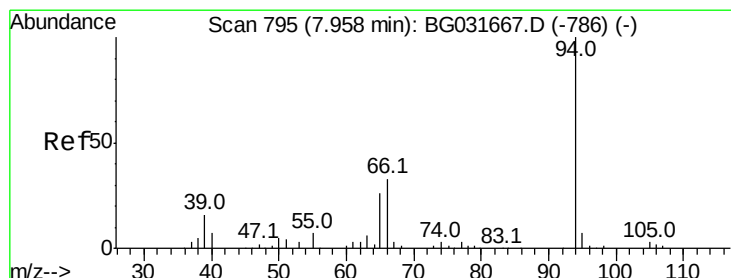
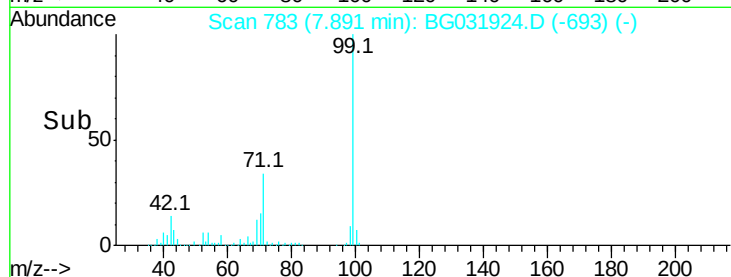
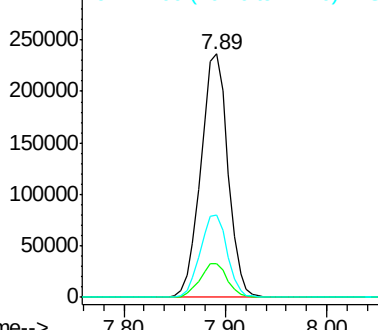
99 100

42 13.8 14.1 21.1#

71 33.7 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: 5.034 ng

RT: 7.91 min Scan# 787

Delta R.T. -0.01 min

Lab File: BG031924.D

Acq: 4 Jan 2018 20:36

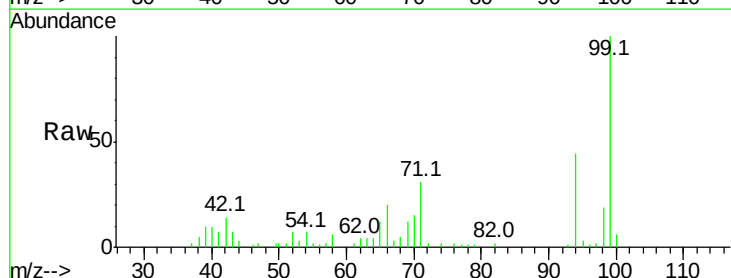
Tgt Ion: 94 Resp: 16917

Ion Ratio Lower Upper

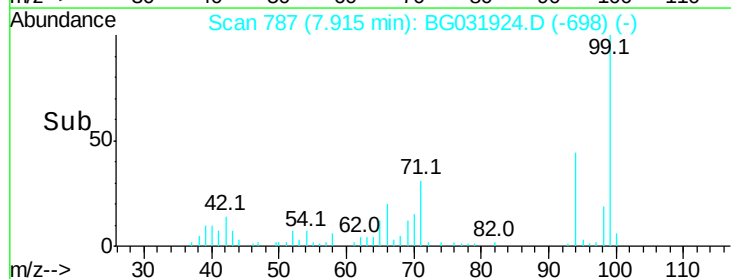
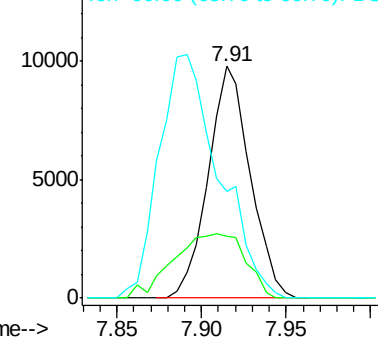
94 100

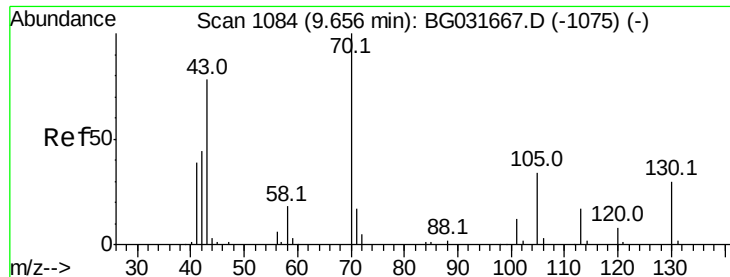
65 26.9 11.9 51.9

66 46.3 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: 13.269 ng

RT: 9.98 min Scan# 1139

Delta R.T. 0.38 min

Lab File: BG031924.D

Acq: 4 Jan 2018 20:36

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 30160

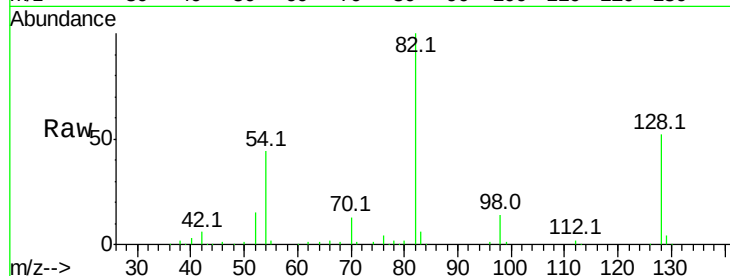
Ion Ratio Lower Upper

70 100

42 43.6 49.1 73.7#

101 0.0 8.5 12.7#

130 1.8 13.4 20.0#

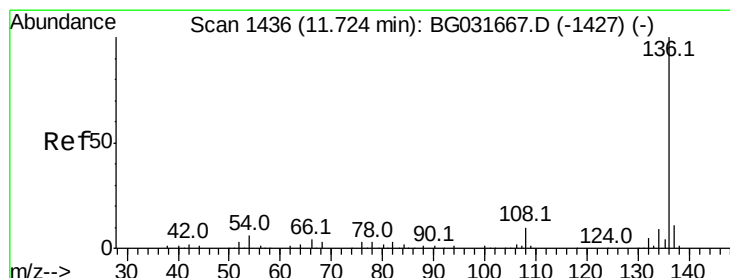
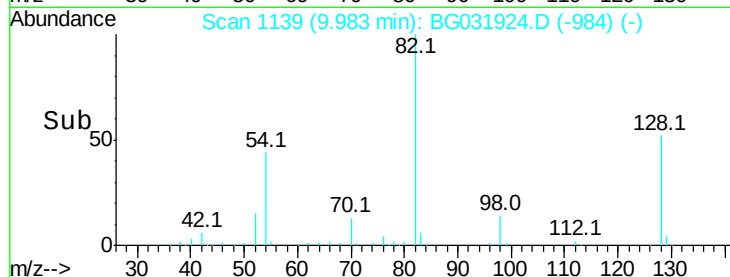
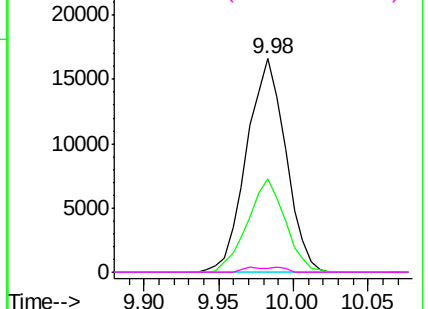


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.67 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BG031924.D

Acq: 4 Jan 2018 20:36

Tgt Ion: 136 Resp: 193520

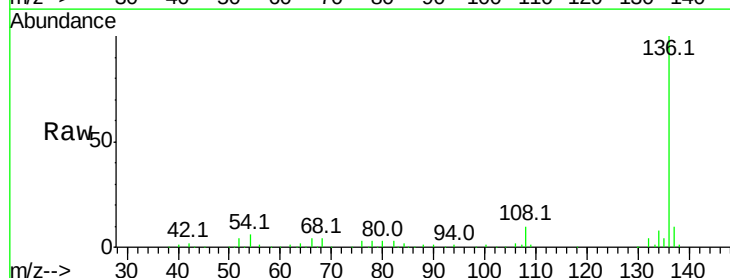
Ion Ratio Lower Upper

136 100

137 10.4 9.2 13.8

54 5.7 10.3 15.5#

68 3.6 4.5 6.7#

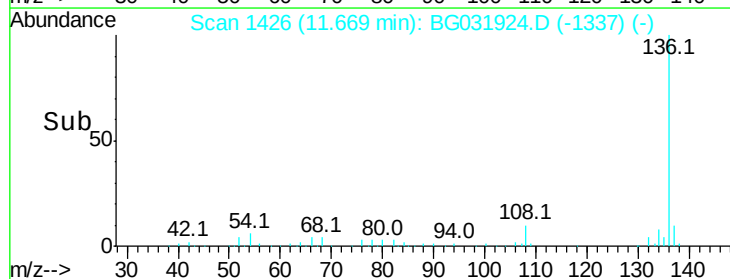
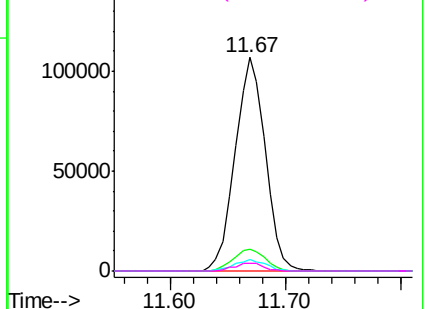


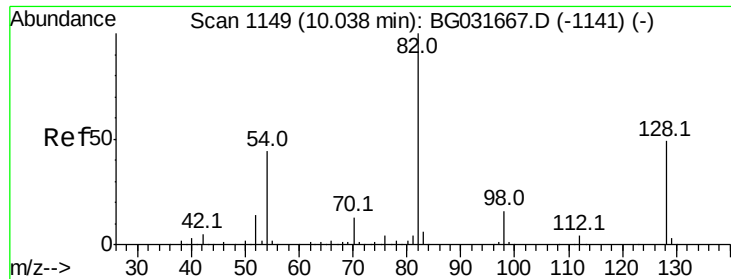
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

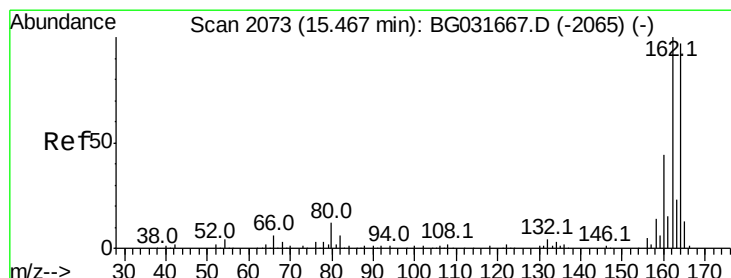
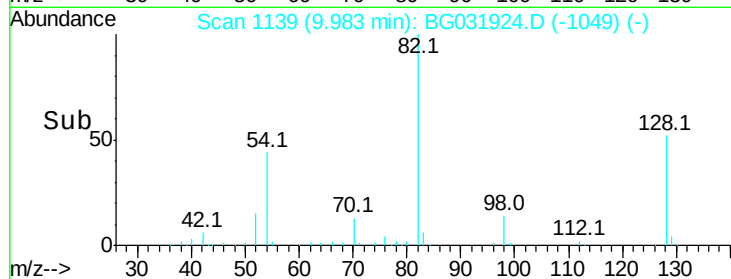
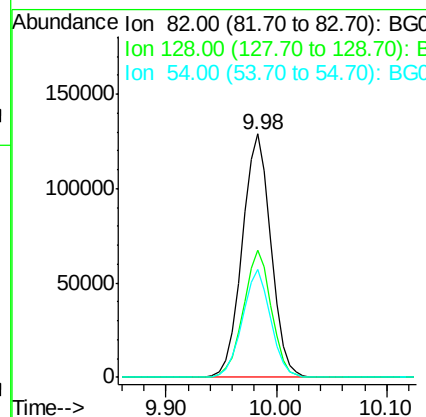
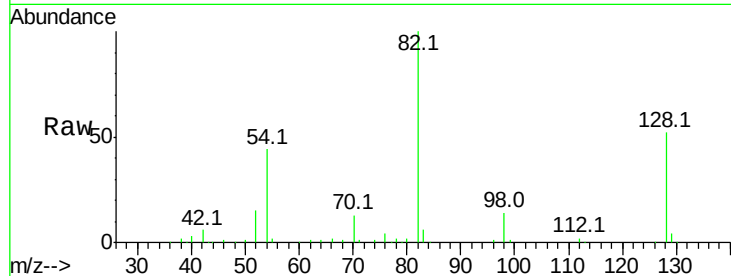




#23
 Nitrobenzene-d5
 Concen: 91.917 ng
 RT: 9.98 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: BG031924.D
 Acq: 4 Jan 2018 20:36

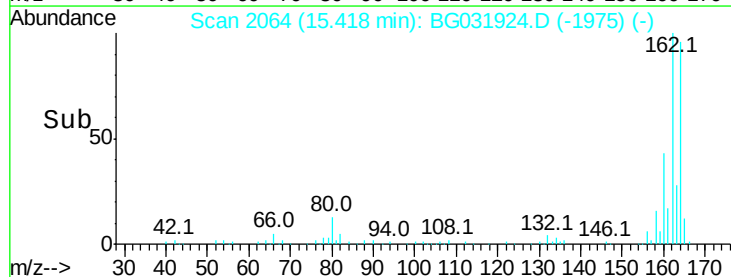
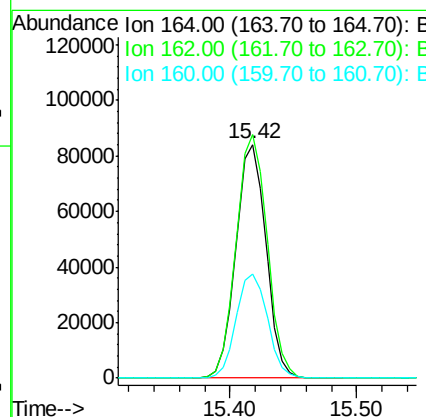
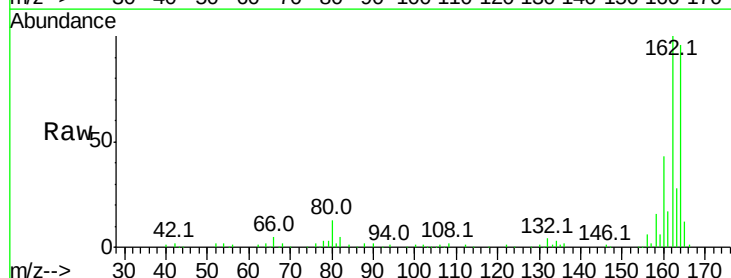
Instrument :
 BNA_G
 ClientSampleId :

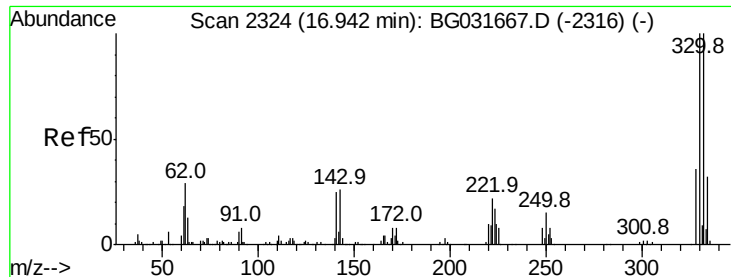
Tot Ion: 82 Resp: 235562
 Ion Ratio Lower Upper
 82 100
 128 52.4 29.7 44.5#
 54 44.1 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: BG031924.D
 Acq: 4 Jan 2018 20:36

Tgt Ion:164 Resp: 137849
 Ion Ratio Lower Upper
 164 100
 162 104.2 78.8 118.2
 160 44.5 35.4 53.0

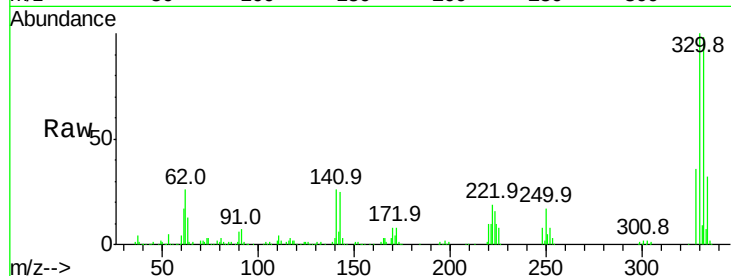




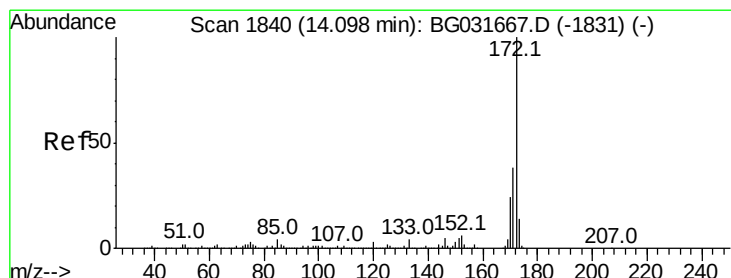
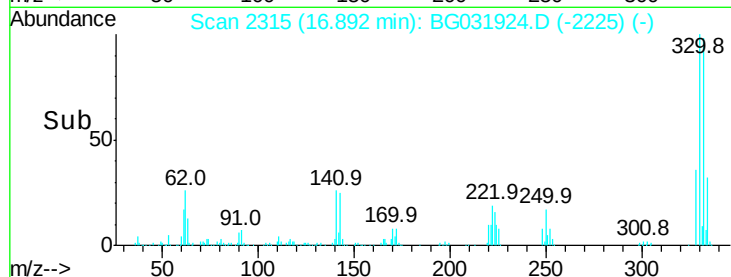
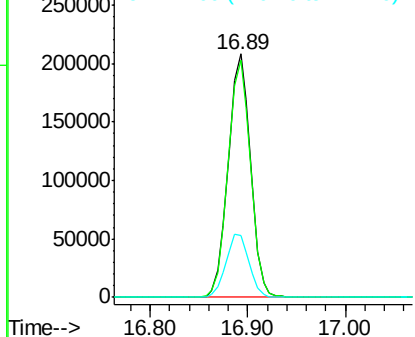
#41
 2,4,6-Tribromophenol
 Concen: 157.266 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. -0.00 min
 Lab File: BG031924.D
 Acq: 4 Jan 2018 20:36

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.0	115.6
141	26.7	25.2	37.8

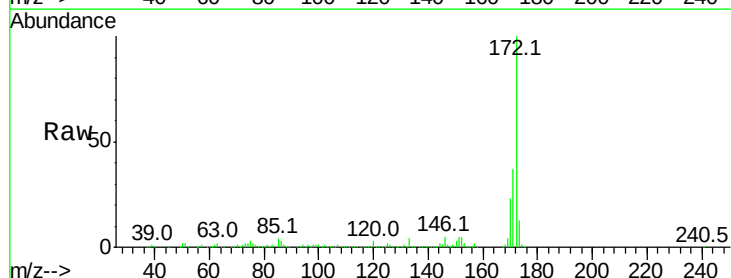


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

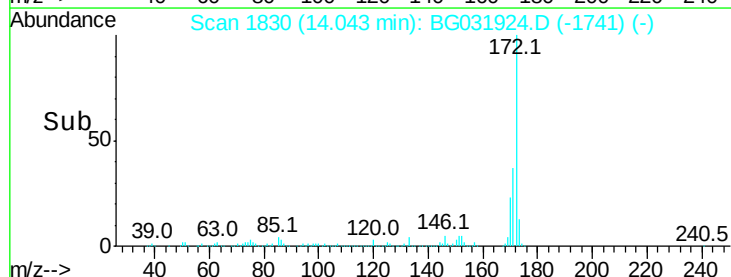
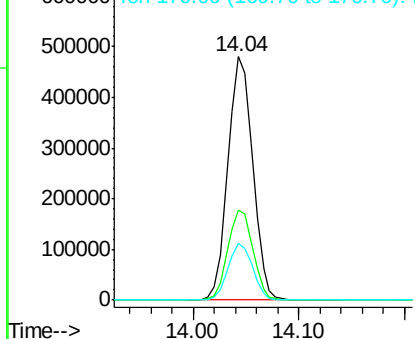


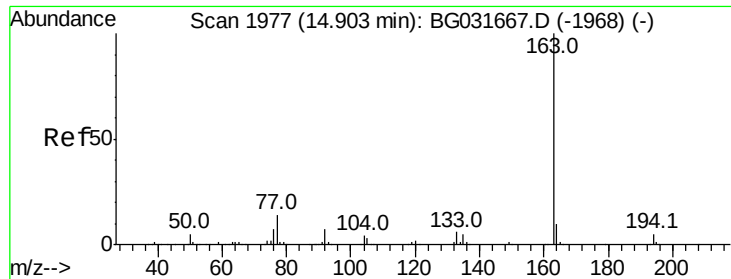
#44
 2-Fluorobiphenyl
 Concen: 70.576 ng
 RT: 14.04 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BG031924.D
 Acq: 4 Jan 2018 20:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	23.4	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

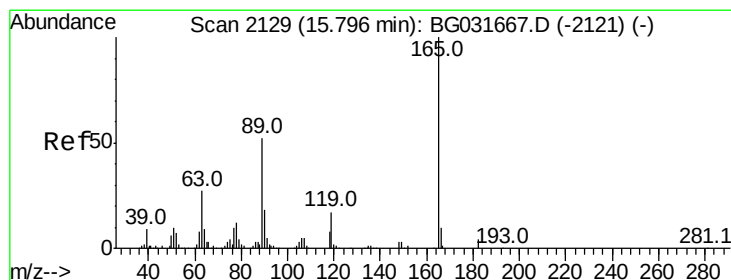
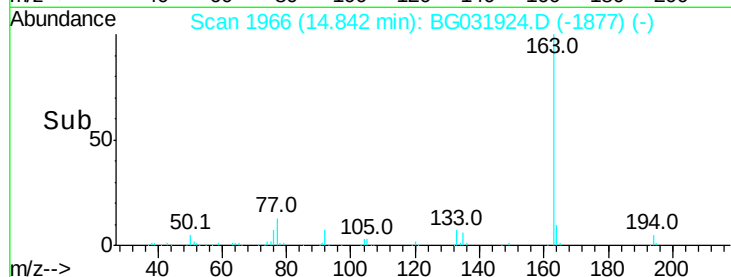
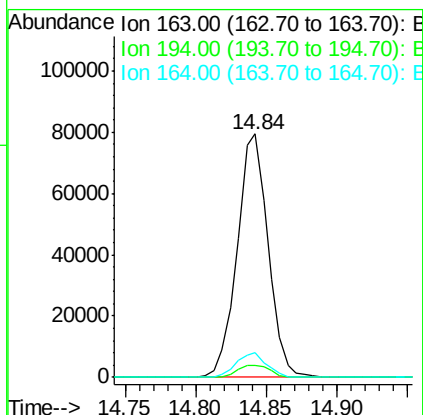
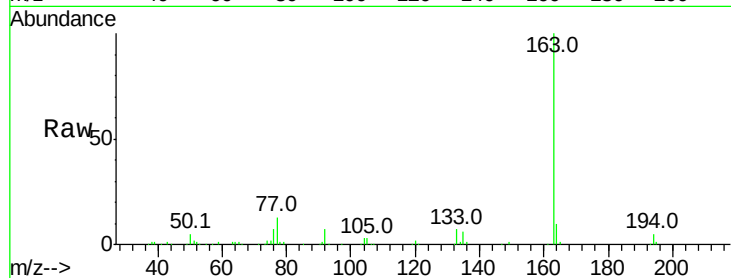




#49
Dimethylphthalate
Concen: 10.008 ng
RT: 14.84 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BG031924.D
Acq: 4 Jan 2018 20:36

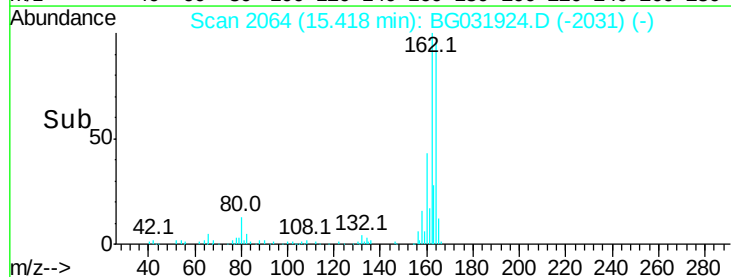
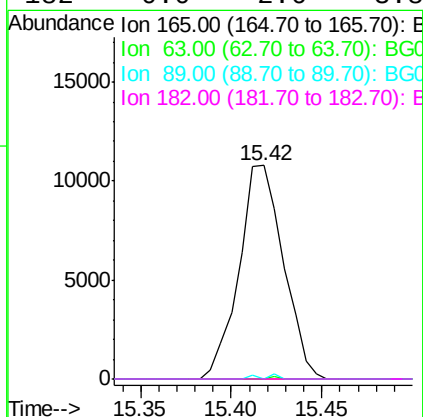
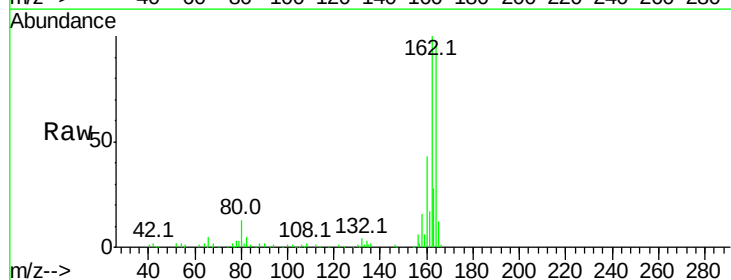
Instrument :
BNA_G
ClientSampled :

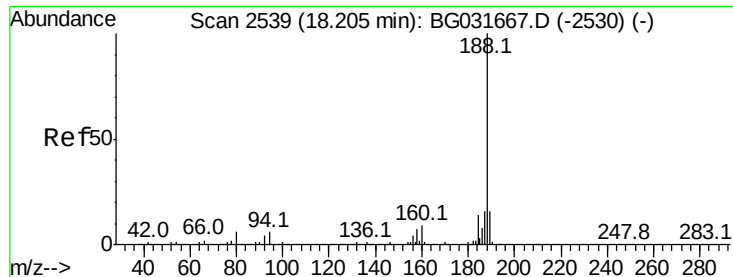
Tot Ion:163 Resp: 121535
Ion Ratio Lower Upper
163 100
194 4.9 3.4 5.2
164 9.9 8.2 12.4



#56
2,4-Dinitrotoluene
Concen: 6.411 ng
RT: 15.42 min Scan# 2064
Delta R.T. -0.34 min
Lab File: BG031924.D
Acq: 4 Jan 2018 20:36

Tgt Ion:165 Resp: 18416
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#

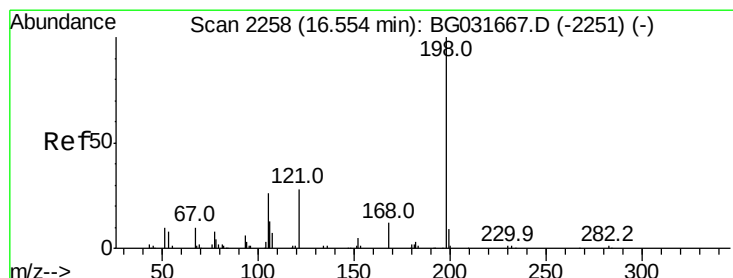
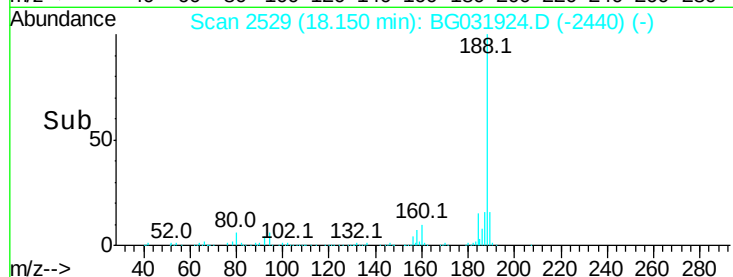
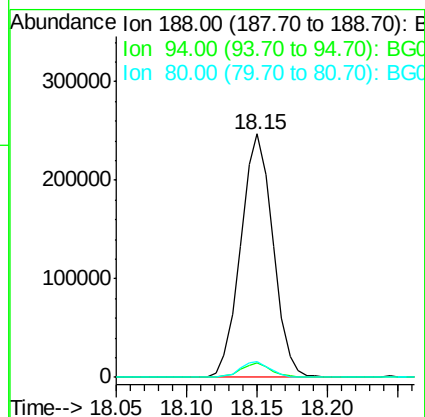
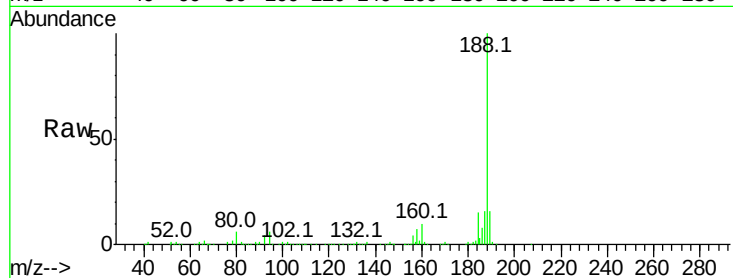




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.15 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BG031924.D
Acq: 4 Jan 2018 20:36

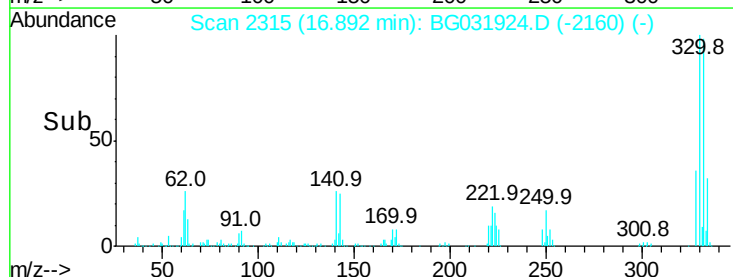
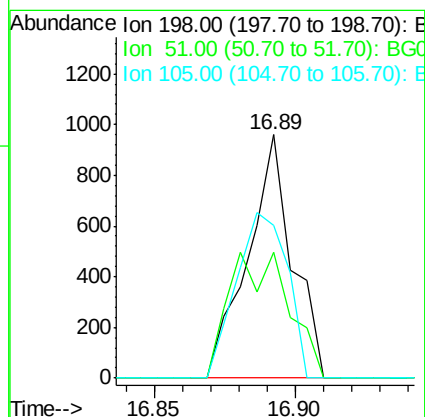
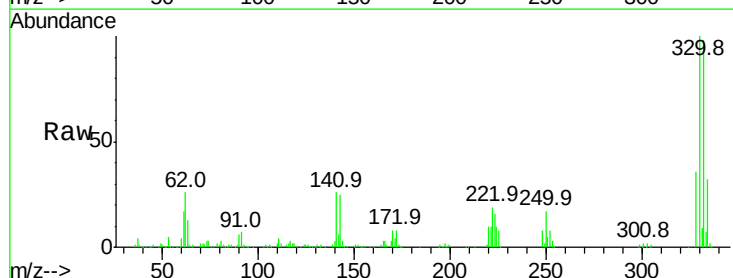
Instrument :
BNA_G
ClientSampleId :

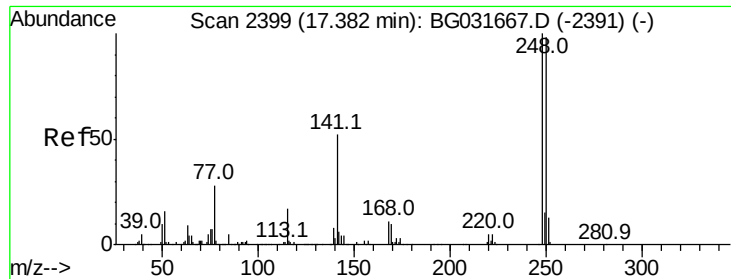
Tot Ion:188 Resp: 394112
Ion Ratio Lower Upper
188 100
94 6.1 6.9 10.3#
80 6.3 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 8.759 ng
RT: 16.89 min Scan# 2315
Delta R.T. 0.38 min
Lab File: BG031924.D
Acq: 4 Jan 2018 20:36

Tgt Ion:198 Resp: 1050
Ion Ratio Lower Upper
198 100
51 51.6 30.6 70.6
105 62.7 23.8 63.8

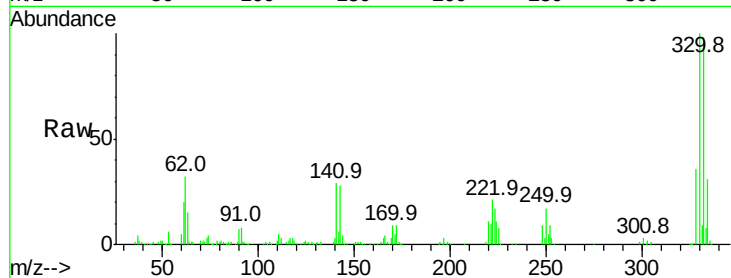




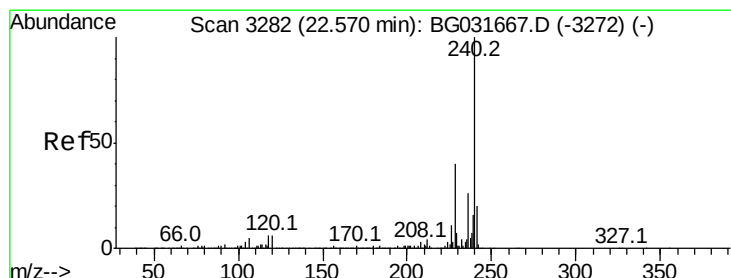
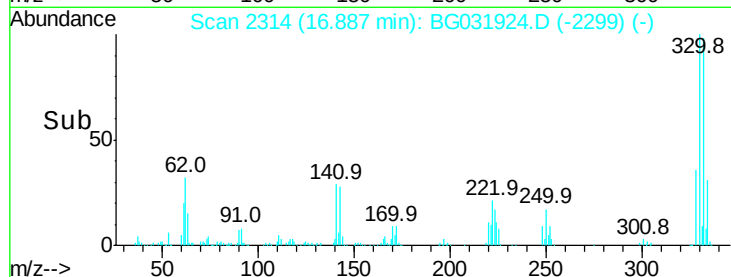
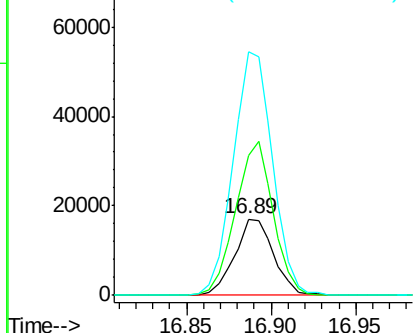
#66
4-Bromophenyl-phenylether
Concen: 4.761 ng
RT: 16.89 min Scan# 2314
Delta R.T. -0.44 min
Lab File: BG031924.D
Acq: 4 Jan 2018 20:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 27133
Ion Ratio Lower Upper
248 100
250 183.9 77.1 115.7#
141 320.7 50.8 76.2#

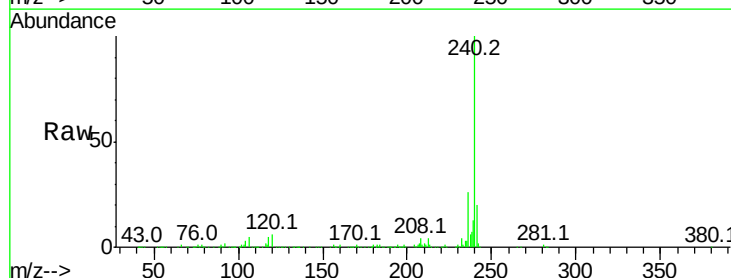


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

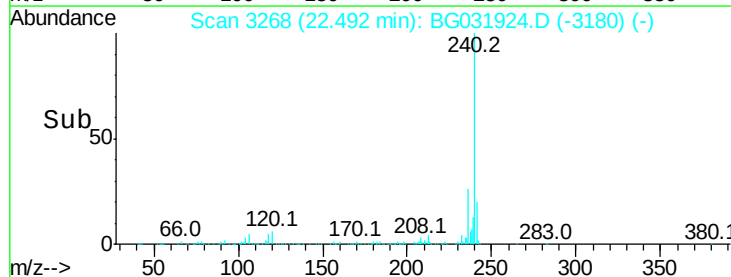
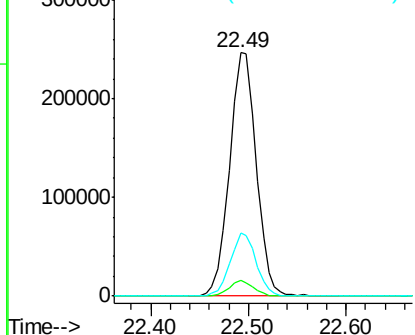


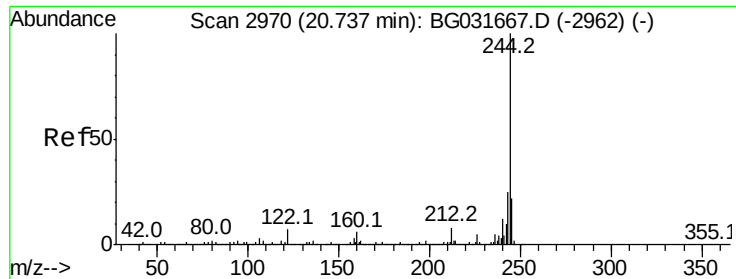
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.49 min Scan# 3268
Delta R.T. -0.01 min
Lab File: BG031924.D
Acq: 4 Jan 2018 20:36

Tgt Ion:240 Resp: 468576
Ion Ratio Lower Upper
240 100
120 6.5 6.8 10.2#
236 26.0 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: 71.770 ng

RT: 20.68 min Scan# 2960

Delta R.T. -0.01 min

Lab File: BG031924.D

Acq: 4 Jan 2018 20:36

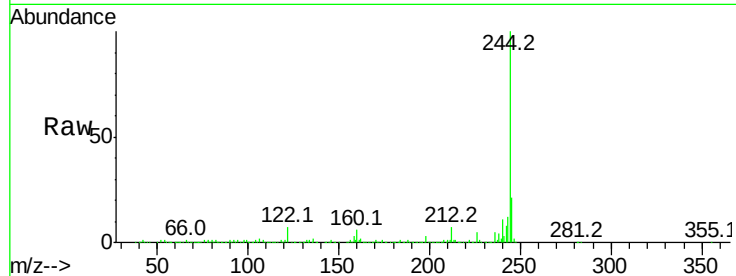
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1471985

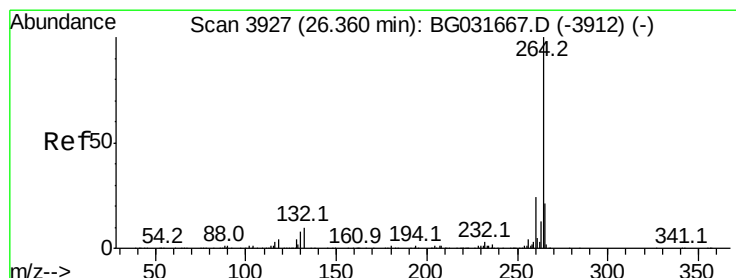
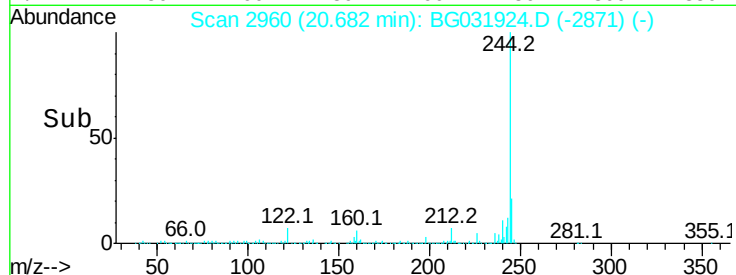
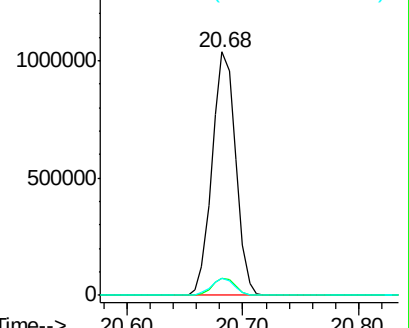
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	7.1	7.0	10.4



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

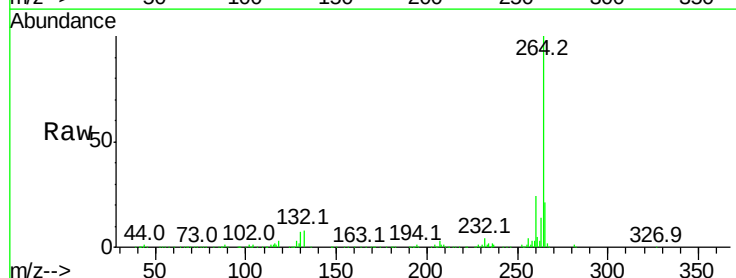
Delta R.T. -0.02 min

Lab File: BG031924.D

Acq: 4 Jan 2018 20:36

Tgt Ion:264 Resp: 455615

Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	20.7	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

