

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010318\
 Data File : BG031898.D
 Acq On : 3 Jan 2018 19:45
 Operator : SJ/JU
 Sample : PB105460BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 04 04:46:56 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

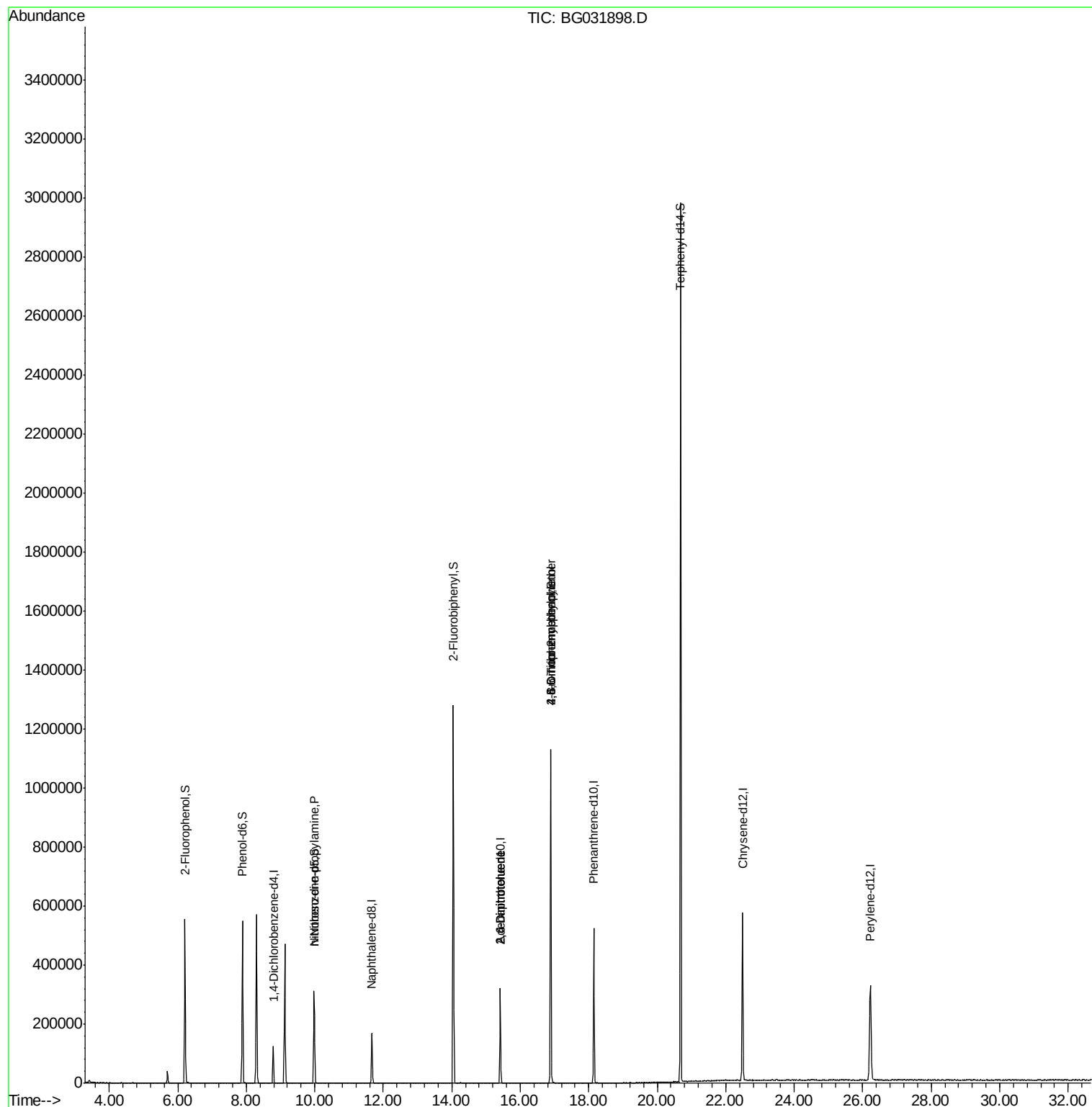
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.79	152	43942	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	175339	20.00	ng	-0.01
38) Acenaphthene-d10	15.41	164	120813	20.00	ng	-0.01
63) Phenanthrene-d10	18.15	188	350836	20.00	ng	-0.01
75) Chrysene-d12	22.49	240	428631	20.00	ng	-0.02
86) Perylene-d12	26.22	264	450760	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	303895	125.96	ng	0.00
7) Phenol-d6	7.89	99	391521	124.99	ng	0.00
23) Nitrobenzene-d5	9.98	82	206175	88.79	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	270467	146.72	ng	0.00
44) 2-Fluorobiphenyl	14.05	172	764592	79.43	ng	0.00
78) Terphenyl-d14	20.68	244	1601132	85.34	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.98	70	27511	12.861	ng	# 70
50) 2,6-Dinitrotoluene	15.41	165	15521	7.927	ng	# 18
56) 2,4-Dinitrotoluene	15.41	165	15521	6.165	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.88	198	705	8.647	ng	# 52
66) 4-Bromophenyl-phenylether	16.89	248	21500	4.238	ng	# 1

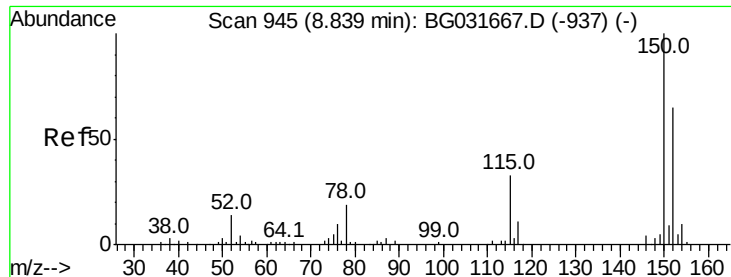
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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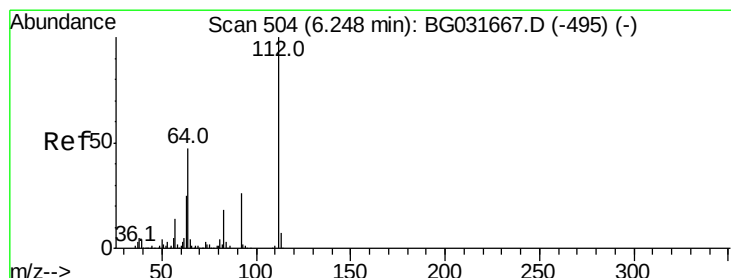
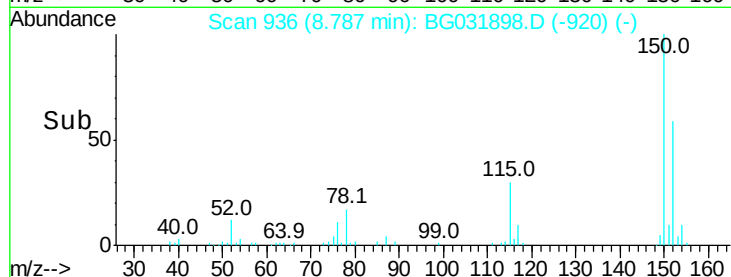
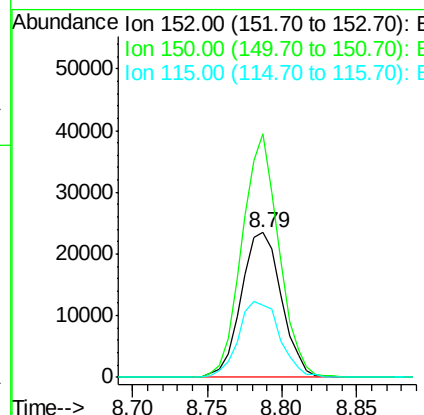
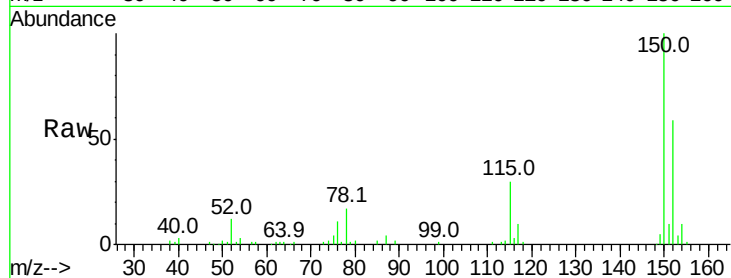


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.79 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG031898.D
Acq: 3 Jan 2018 19:45

Instrument :
BNA_G
ClientSampleId :

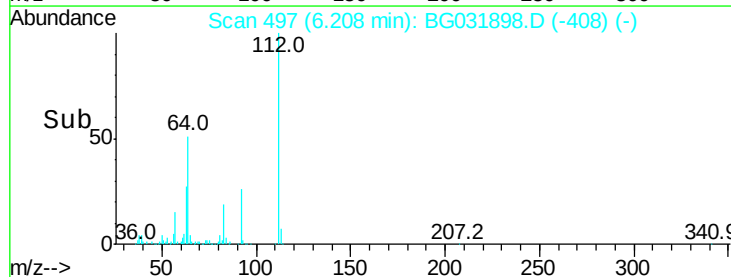
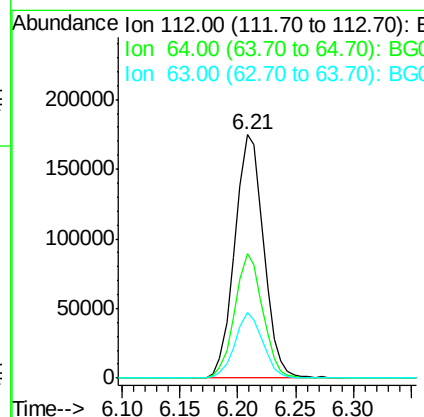
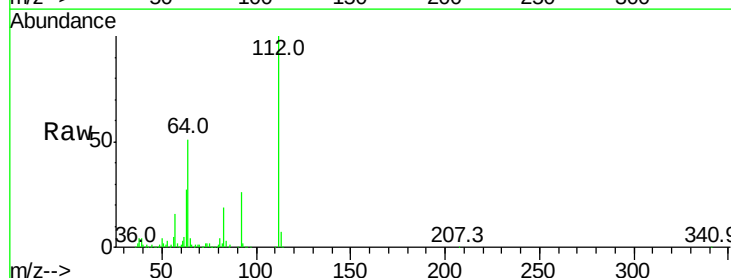
Tot Ion:152 Resp: 43942
Ion Ratio Lower Upper
152 100
150 168.5 126.6 189.8
115 50.0 53.0 79.4#

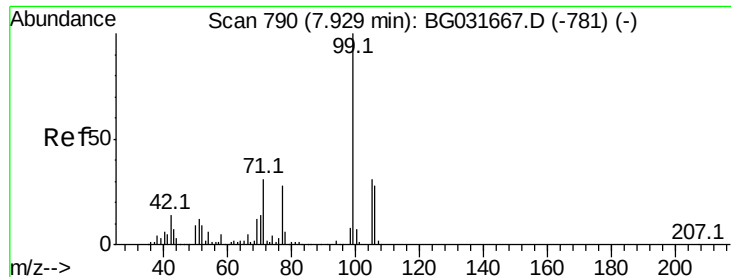


#5

2-Fluorophenol
Concen: 125.964 ng
RT: 6.21 min Scan# 497
Delta R.T. -0.01 min
Lab File: BG031898.D
Acq: 3 Jan 2018 19:45

Tgt Ion:112 Resp: 303895
Ion Ratio Lower Upper
112 100
64 51.0 56.3 84.5#
63 26.9 30.1 45.1#





#7

Phenol-d6

Concen: 124.995 ng

RT: 7.89 min Scan# 783

Delta R.T. -0.01 min

Lab File: BG031898.D

Acq: 3 Jan 2018 19:45

Instrument :

BNA_G

ClientSampled :

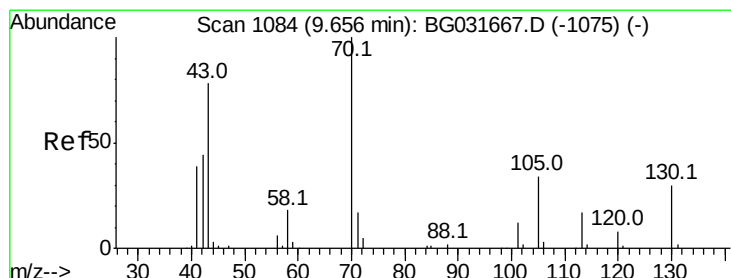
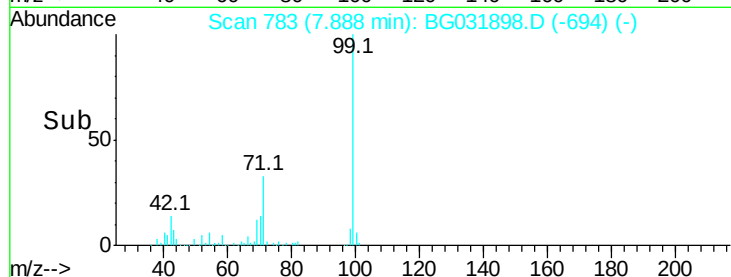
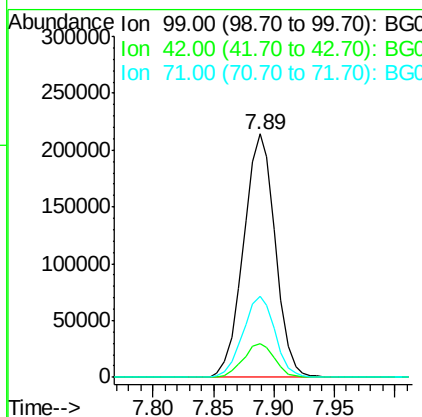
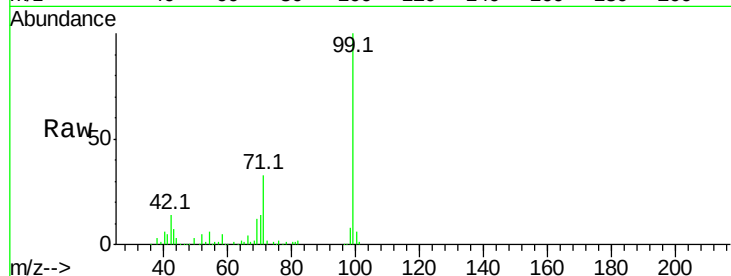
Tot Ion: 99 Resp: 391521

Ion Ratio Lower Upper

99 100

42 13.6 14.1 21.1#

71 33.4 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 12.861 ng

RT: 9.98 min Scan# 1139

Delta R.T. 0.38 min

Lab File: BG031898.D

Acq: 3 Jan 2018 19:45

Tgt Ion: 70 Resp: 27511

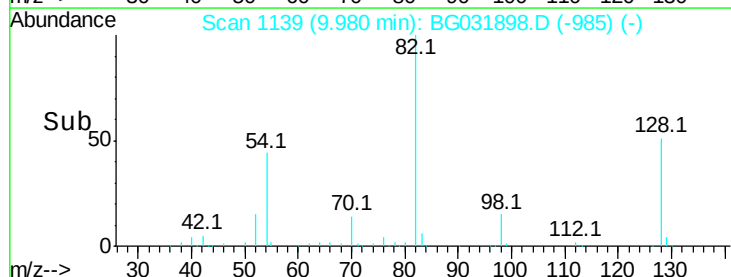
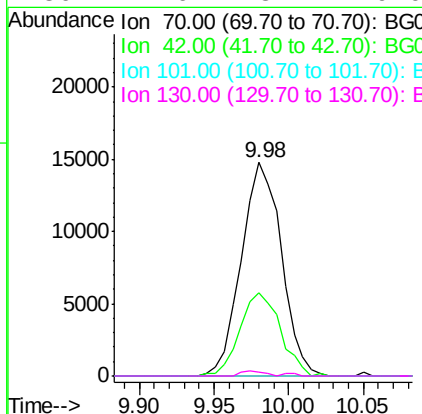
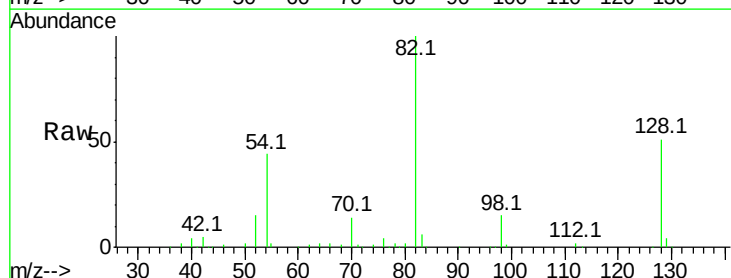
Ion Ratio Lower Upper

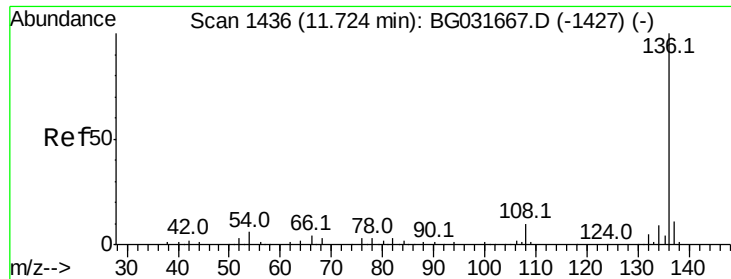
70 100

42 39.0 49.1 73.7#

101 0.0 8.5 12.7#

130 1.6 13.4 20.0#

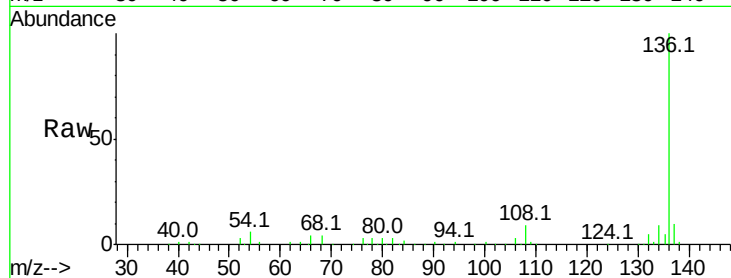




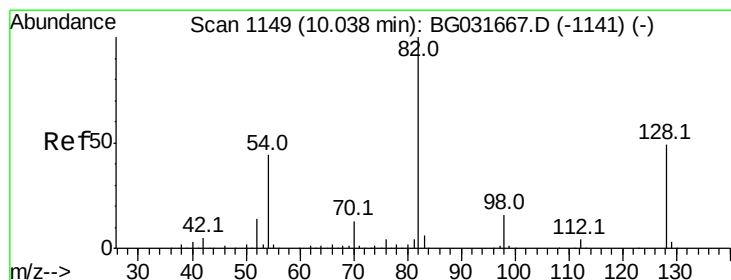
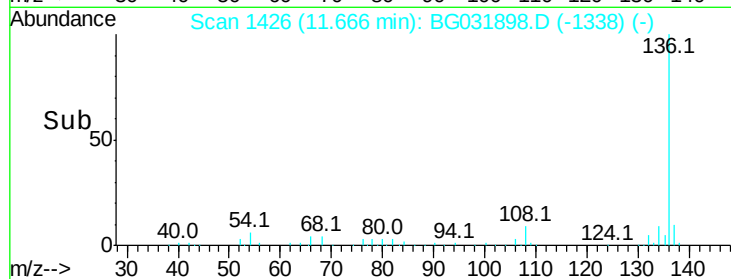
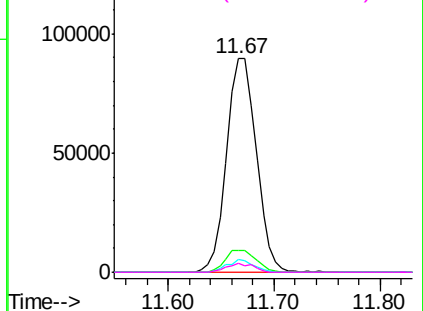
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.67 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BG031898.D
Acq: 3 Jan 2018 19:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136 Resp: 175339
Ion Ratio Lower Upper
136 100
137 10.3 9.2 13.8
54 5.9 10.3 15.5#
68 4.4 4.5 6.7#

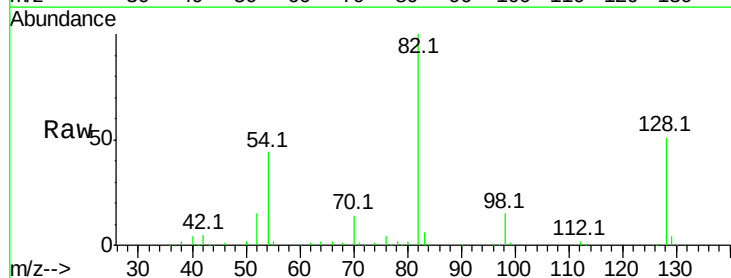


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

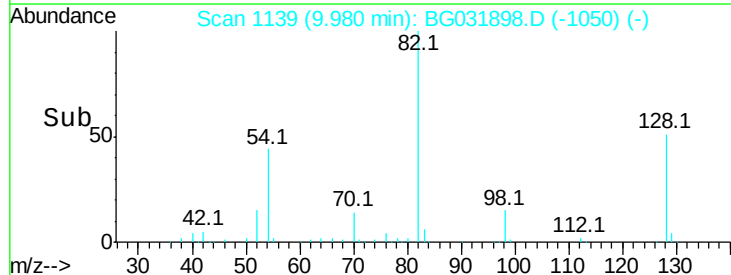
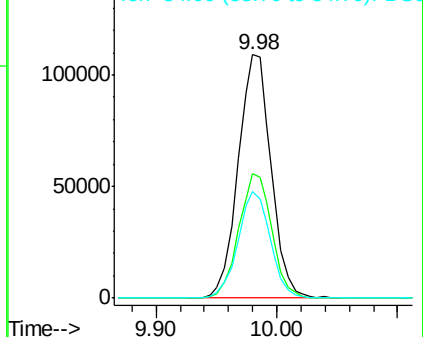


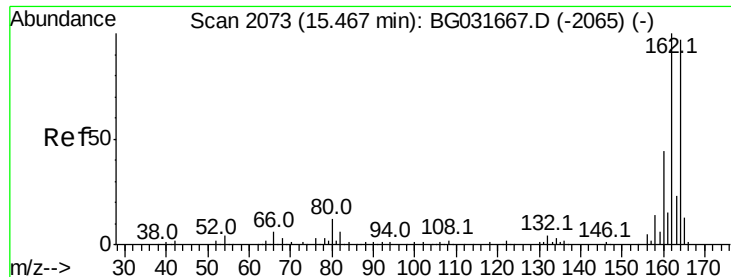
#23
Nitrobenzene-d5
Concen: 88.792 ng
RT: 9.98 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BG031898.D
Acq: 3 Jan 2018 19:45

Tgt Ion: 82 Resp: 206175
Ion Ratio Lower Upper
82 100
128 51.2 29.7 44.5#
54 44.0 43.1 64.7



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

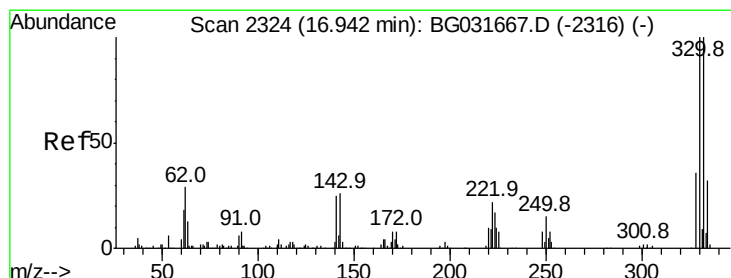
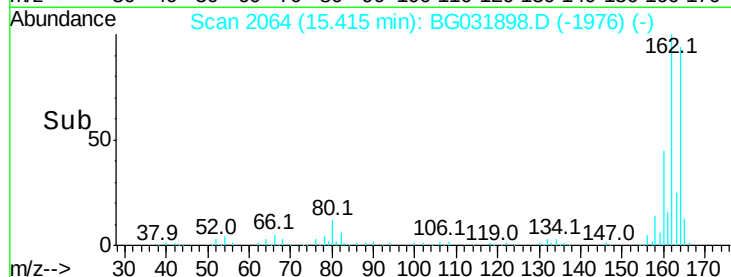
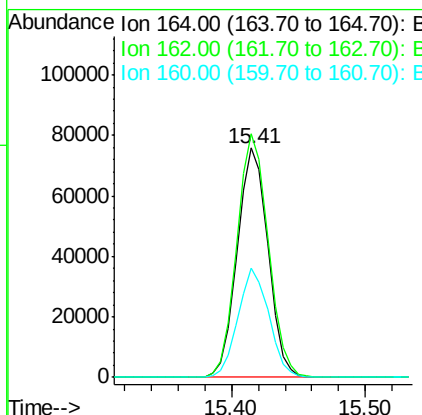
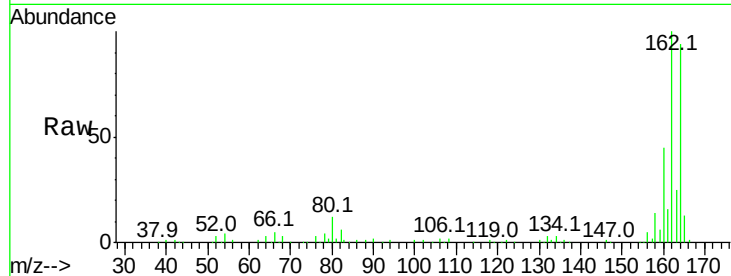




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.41 min Scan# 2064
Delta R.T. -0.01 min
Lab File: BG031898.D
Acq: 3 Jan 2018 19:45

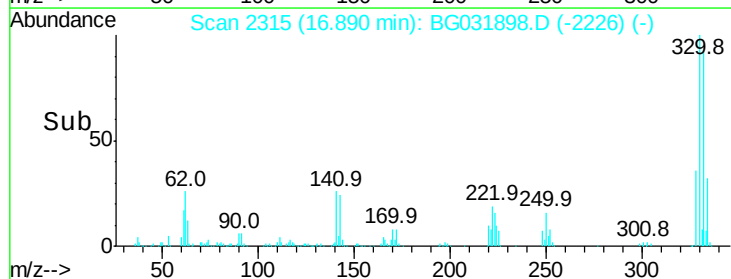
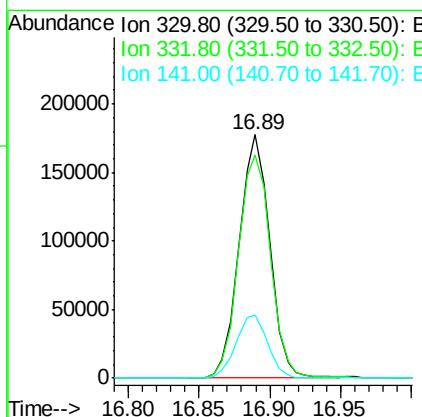
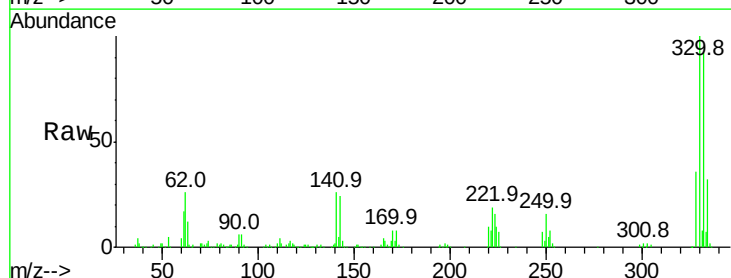
Instrument :
BNA_G
ClientSampled :

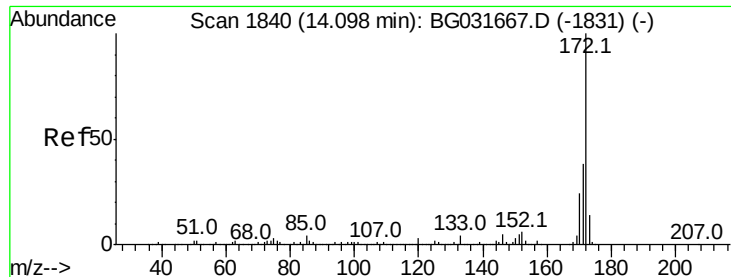
Tot Ion:164 Resp: 120813
Ion Ratio Lower Upper
164 100
162 106.1 78.8 118.2
160 47.7 35.4 53.0



#41
2,4,6-Tribromophenol
Concen: 146.719 ng
RT: 16.89 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BG031898.D
Acq: 3 Jan 2018 19:45

Tgt Ion:330 Resp: 270467
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.6
141 26.8 25.2 37.8

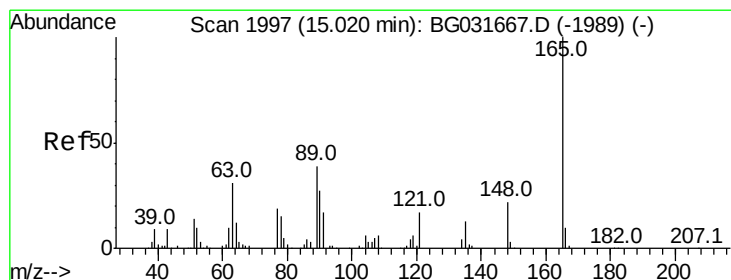
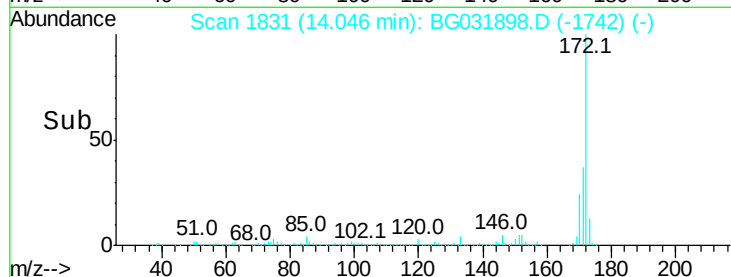
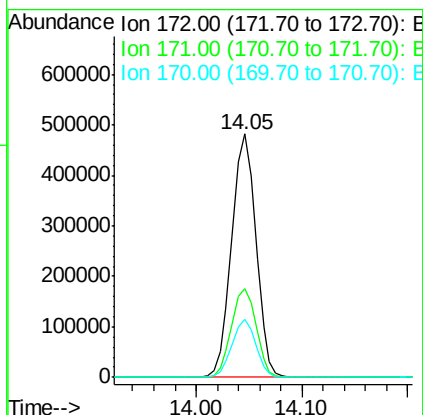
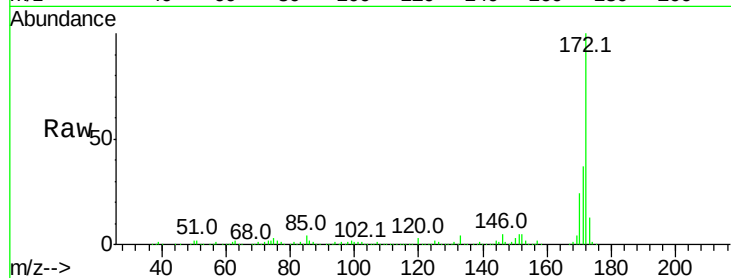




#44
2-Fluorobiphenyl
Concen: 79.434 ng
RT: 14.05 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BG031898.D
Acq: 3 Jan 2018 19:45

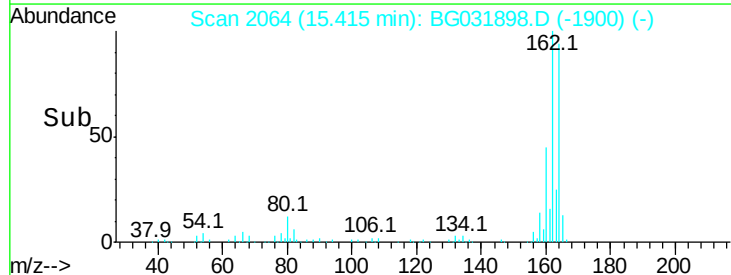
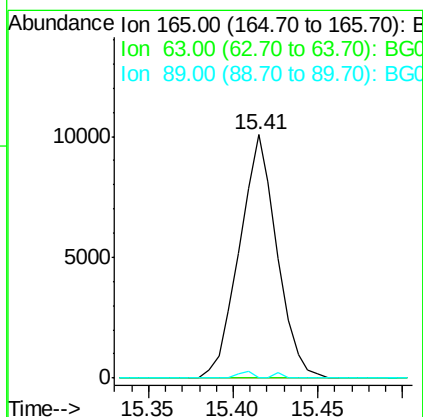
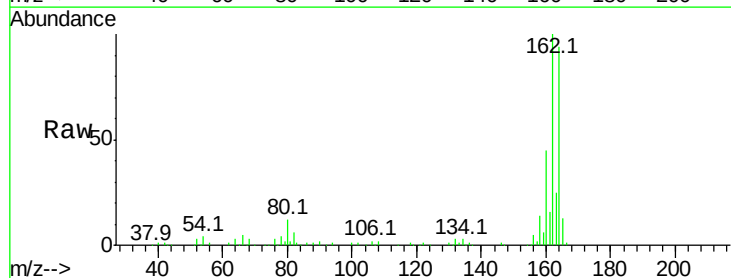
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BNA_G
ClientSampleId :

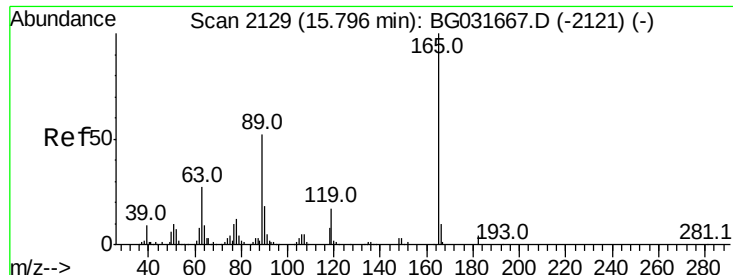
Tot Ion:172 Resp: 764592
Ion Ratio Lower Upper
172 100
171 36.6 30.0 45.0
170 23.8 19.5 29.3



#50
2,6-Dinitrotoluene
Concen: 7.927 ng
RT: 15.41 min Scan# 2064
Delta R.T. 0.44 min
Lab File: BG031898.D
Acq: 3 Jan 2018 19:45

Tgt Ion:165 Resp: 15521
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 0.0 49.2 73.8#

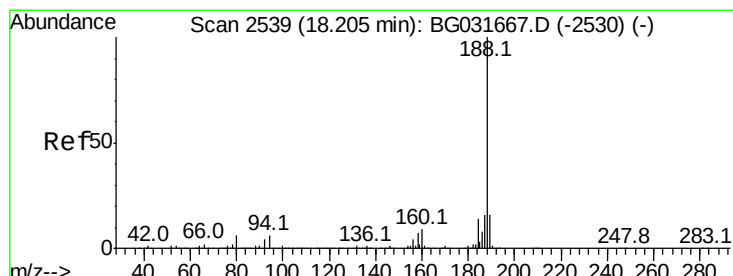
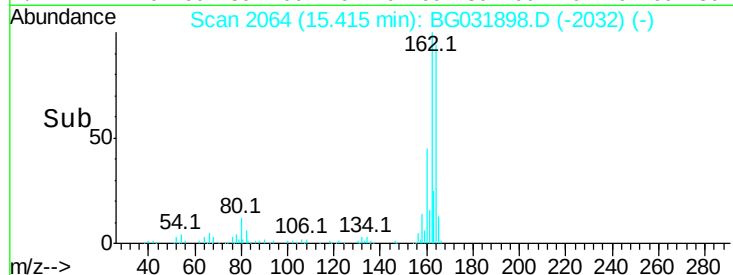
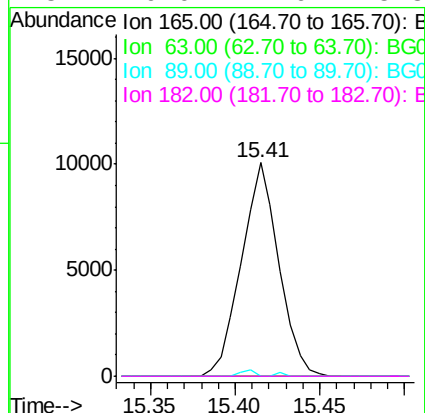
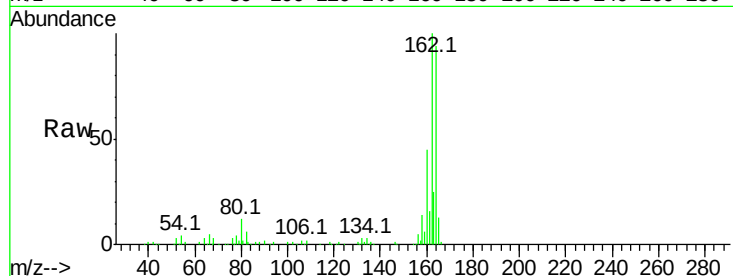




#56
 2,4-Dinitrotoluene
 Concen: 6.165 ng
 RT: 15.41 min Scan# 2064
 Delta R.T. -0.34 min
 Lab File: BG031898.D
 Acq: 3 Jan 2018 19:45

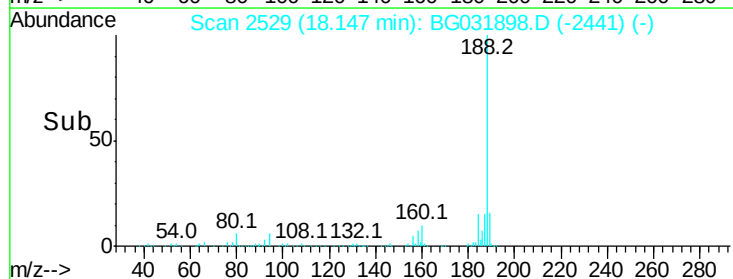
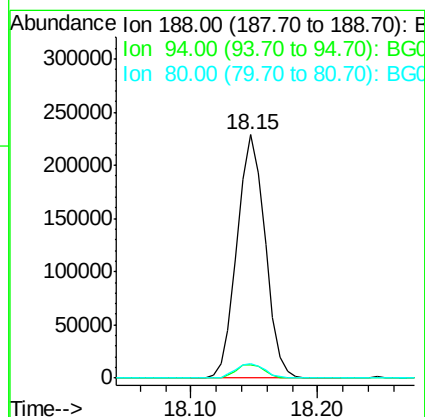
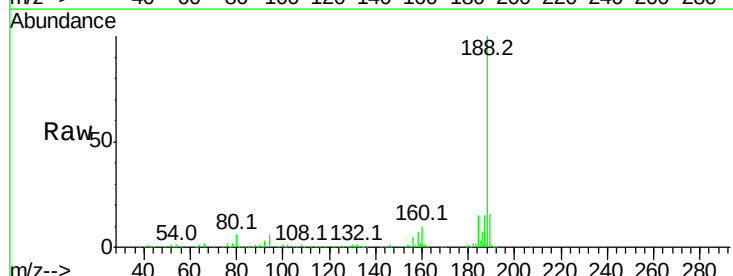
Instrument :
 BNA_G
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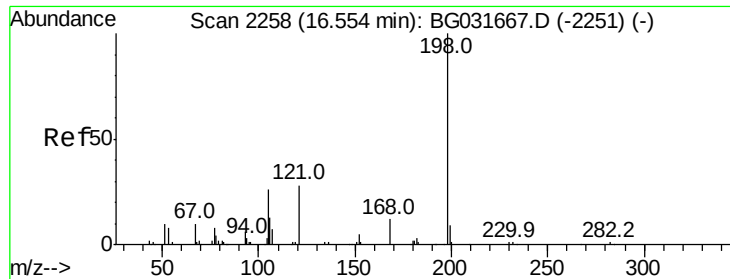
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.15 min Scan# 2529
 Delta R.T. -0.01 min
 Lab File: BG031898.D
 Acq: 3 Jan 2018 19:45

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.6	6.9	10.3#
80	6.2	7.7	11.5#

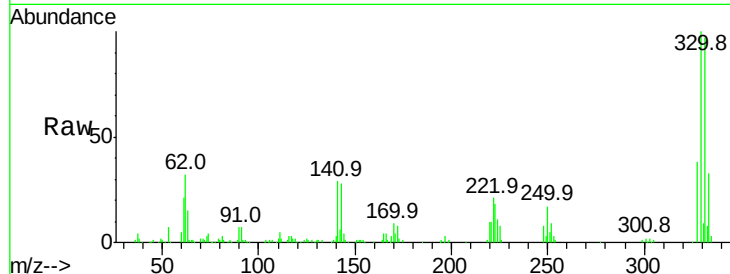




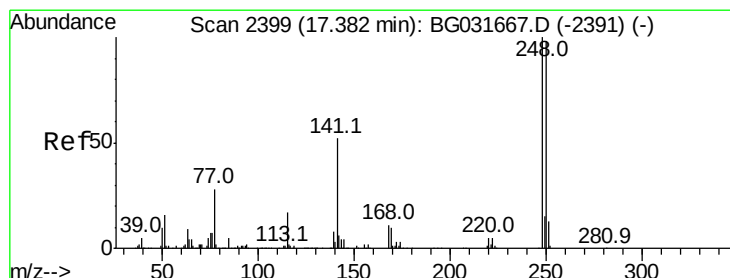
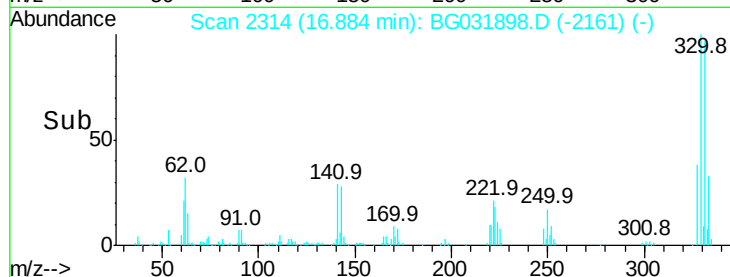
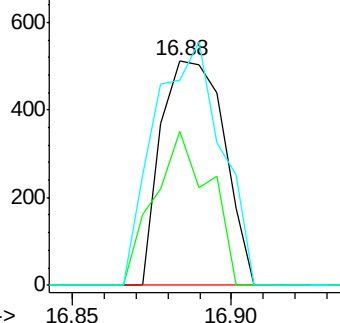
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.647 ng
 RT: 16.88 min Scan# 2314
 Delta R.T. 0.37 min
 Lab File: BG031898.D
 Acq: 3 Jan 2018 19:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 705
 Ion Ratio Lower Upper
 198 100
 51 68.2 30.6 70.6
 105 91.0 23.8 63.8#

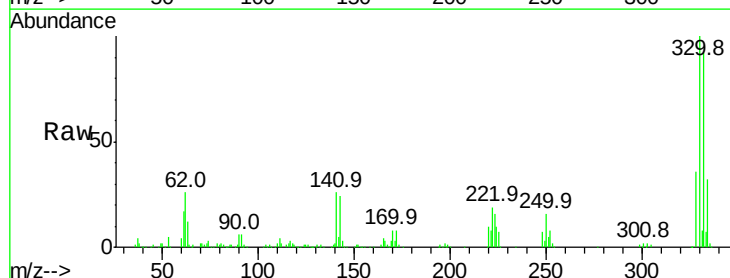


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BGC
 Ion 105.00 (104.70 to 105.70): E

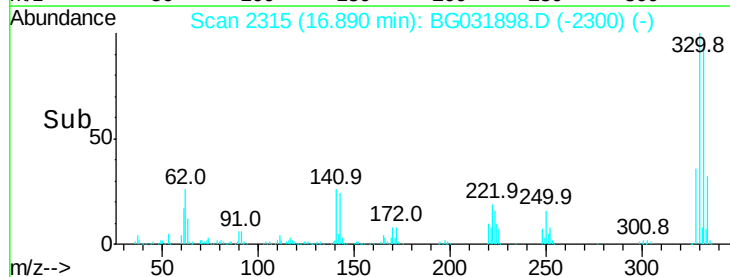
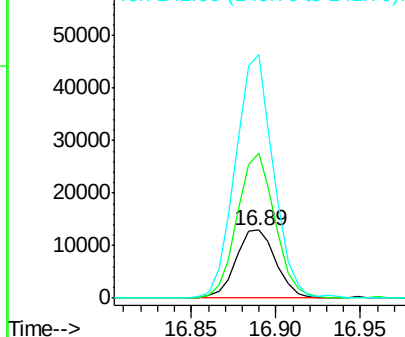


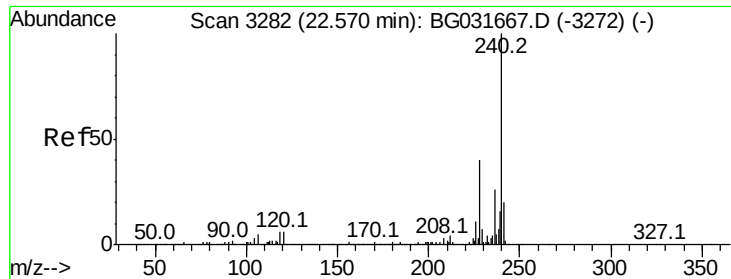
#66
 4-Bromophenyl-phenylether
 Concen: 4.238 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. -0.44 min
 Lab File: BG031898.D
 Acq: 3 Jan 2018 19:45

Tgt Ion:248 Resp: 21500
 Ion Ratio Lower Upper
 248 100
 250 213.7 77.1 115.7#
 141 358.7 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: BG031898.D

Acq: 3 Jan 2018 19:45

Instrument :

BNA_G

ClientSampleId :

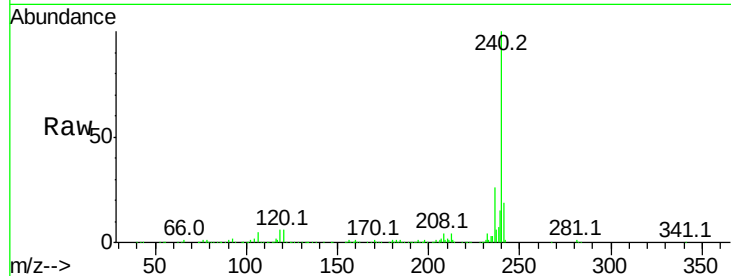
Tot Ion:240 Resp: 428631

Ion Ratio Lower Upper

240 100

120 6.0 6.8 10.2#

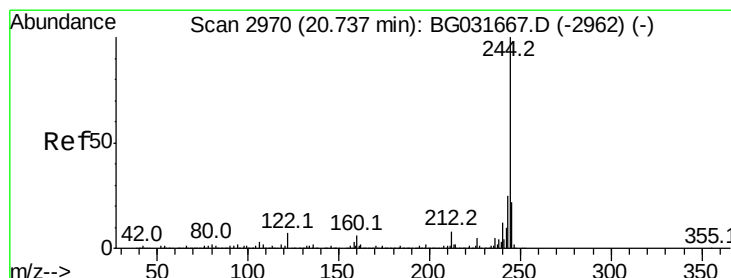
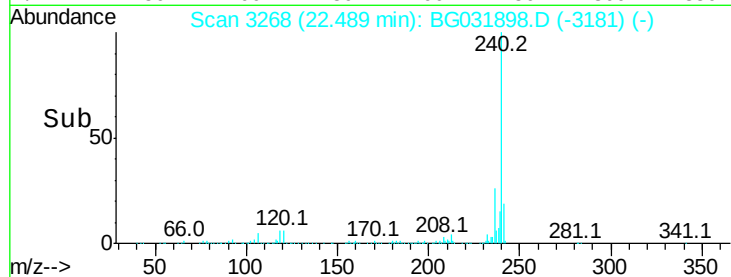
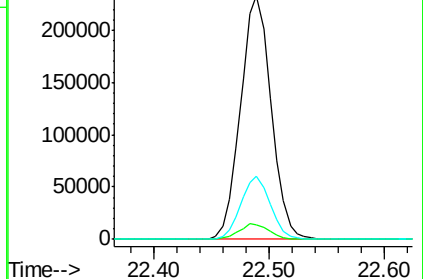
236 25.9 20.9 31.3



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: 85.342 ng

RT: 20.68 min Scan# 2960

Delta R.T. -0.01 min

Lab File: BG031898.D

Acq: 3 Jan 2018 19:45

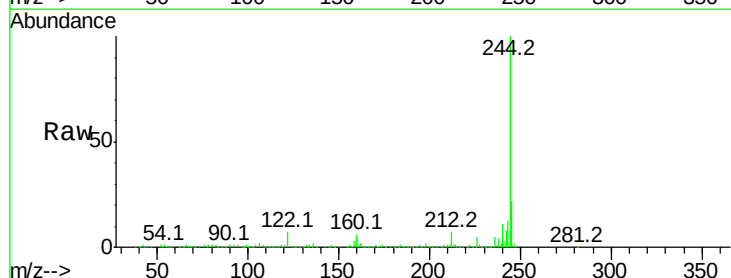
Tgt Ion:244 Resp: 1601132

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

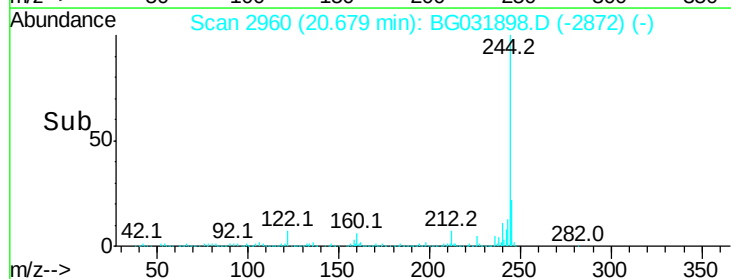
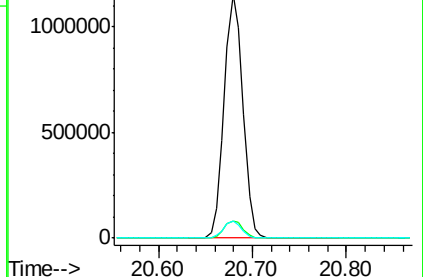
122 7.1 7.0 10.4

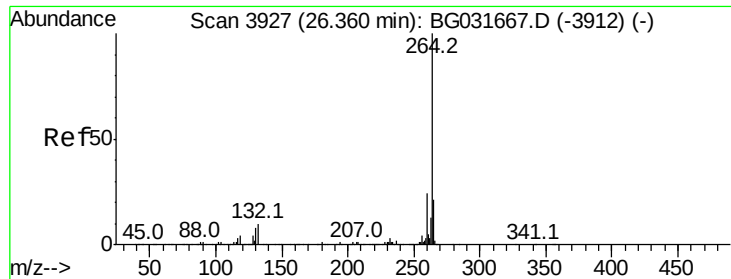


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

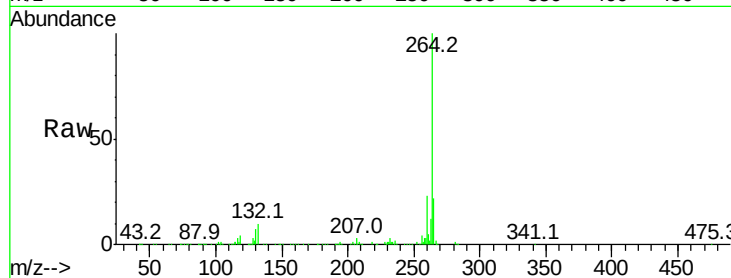




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.22 min Scan# 3903
 Delta R.T. -0.03 min
 Lab File: BG031898.D
 Acq: 3 Jan 2018 19:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.0
265	21.8	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

