

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122717\
 Data File : BG031816.D
 Acq On : 28 Dec 2017 4:03
 Operator : SJ/JU
 Sample : I7010-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 28 07:23:23 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 11:08:55 2017
 Response via : Initial Calibration

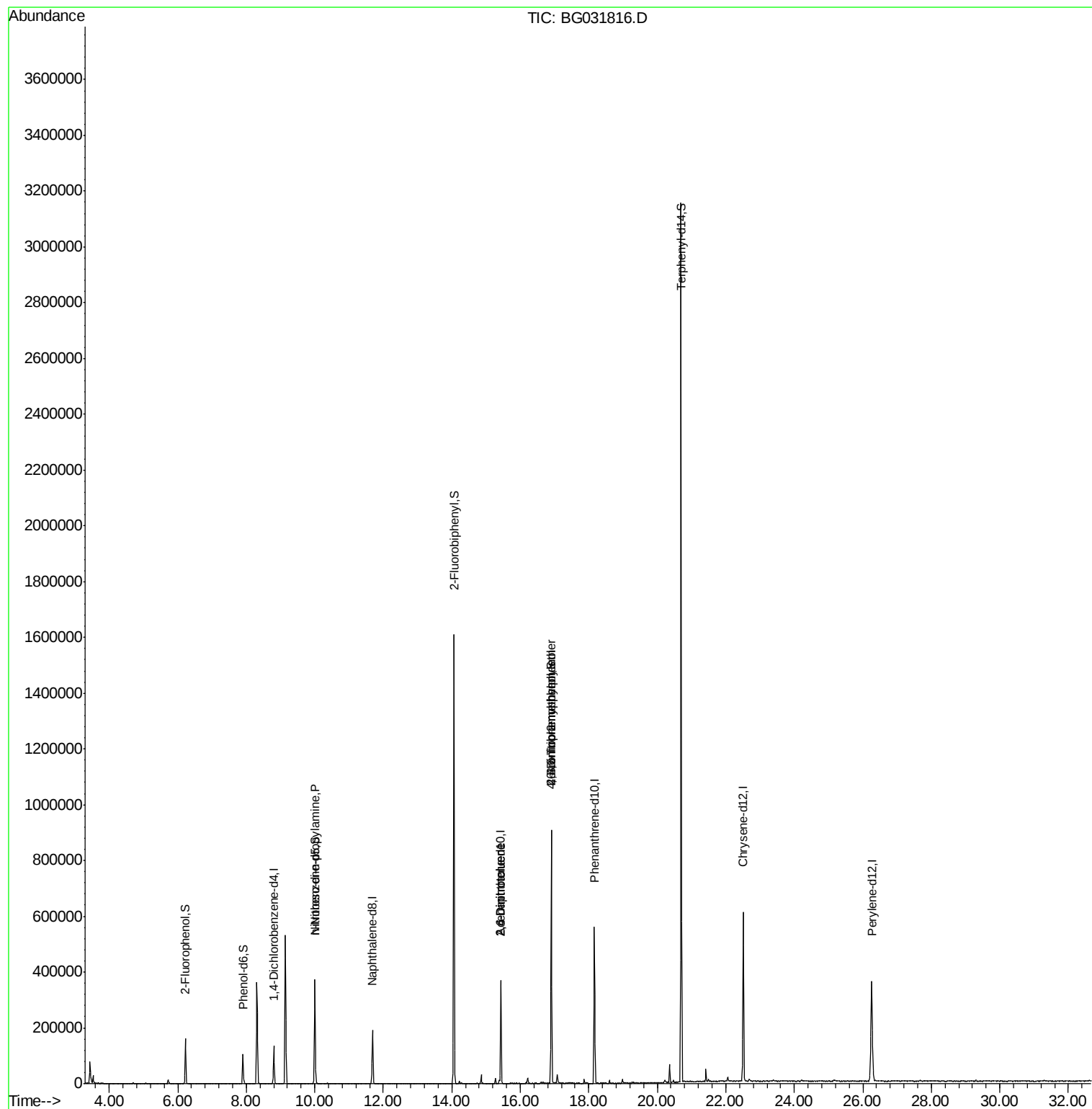
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.80	152	46582	20.00	ng	-0.04
21) Naphthalene-d8	11.69	136	190448	20.00	ng	-0.04
38) Acenaphthene-d10	15.43	164	142129	20.00	ng	-0.04
63) Phenanthrene-d10	18.16	188	382580	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	470257	20.00	ng	-0.06
86) Perylene-d12	26.26	264	494059	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	91779	35.89	ng	-0.03
7) Phenol-d6	7.90	99	74606	22.47	ng	-0.03
23) Nitrobenzene-d5	10.00	82	248906	98.69	ng	-0.04
41) 2,4,6-Tribromophenol	16.91	330	226434	104.41	ng	-0.04
44) 2-Fluorobiphenyl	14.06	172	968771	85.55	ng	-0.04
78) Terphenyl-d14	20.70	244	1757280	85.37	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.00	70	32406	14.290	ng	# 74
50) 2,6-Dinitrotoluene	15.43	165	18977	8.239	ng	# 20
56) 2,4-Dinitrotoluene	15.43	165	18977	6.407	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.89	198	476	8.517	ng	# 56
66) 4-Bromophenyl-phenylether	16.91	248	17669	3.194	ng	# 1

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

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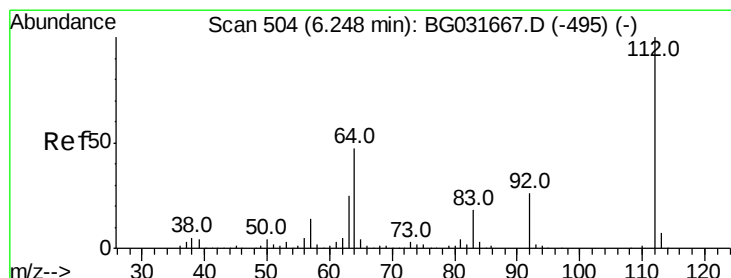
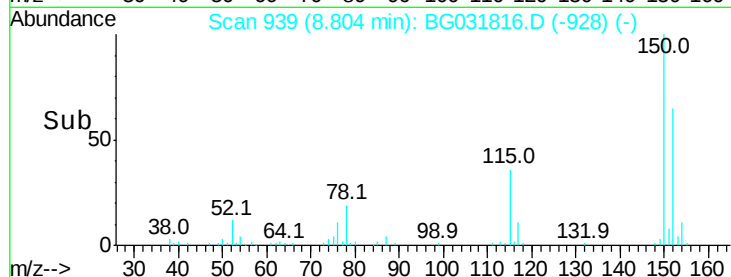
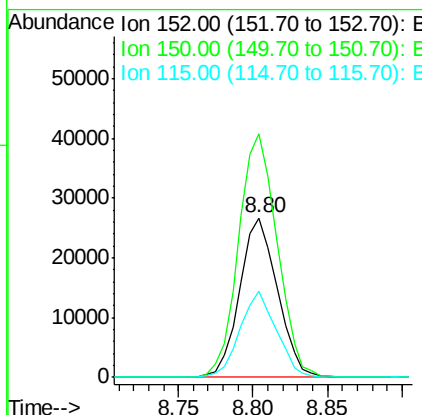
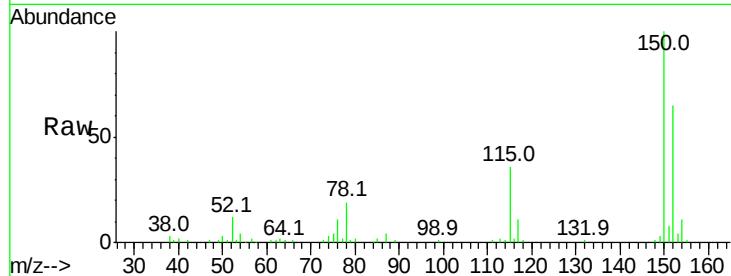


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.80 min Scan# 939
Delta R.T. -0.04 min
Lab File: BG031816.D
Acq: 28 Dec 2017 4:03

Instrument :
BNA_G
ClientSampled :

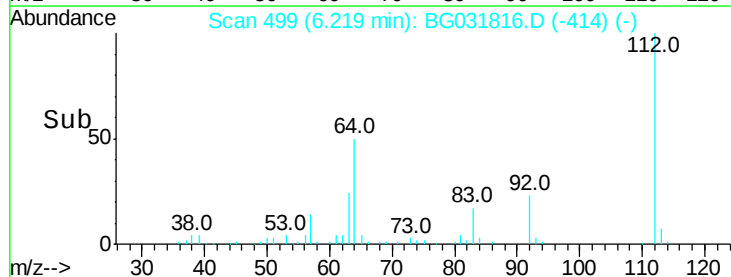
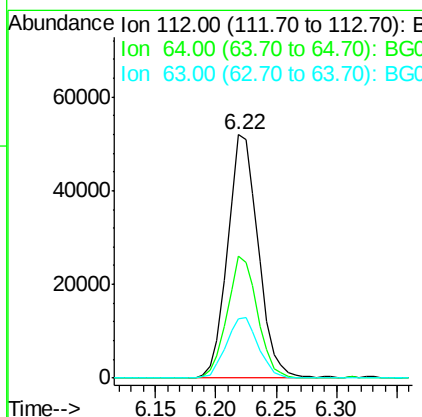
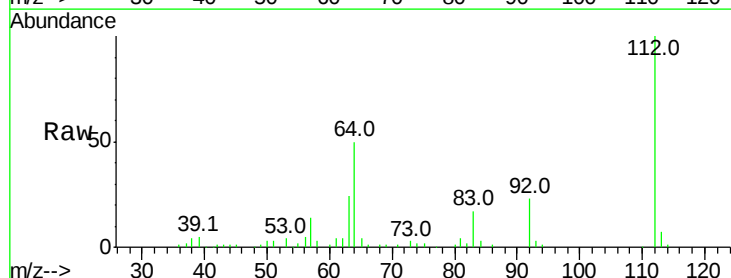
Tot Ion:152 Resp: 46582
Ion Ratio Lower Upper
152 100
150 152.8 126.6 189.8
115 54.4 53.0 79.4



#5

2-Fluorophenol
Concen: 35.886 ng
RT: 6.22 min Scan# 499
Delta R.T. -0.03 min
Lab File: BG031816.D
Acq: 28 Dec 2017 4:03

Tgt Ion:112 Resp: 91779
Ion Ratio Lower Upper
112 100
64 50.0 56.3 84.5#
63 24.1 30.1 45.1#





#7

Phenol-d6

Concen: 22.468 ng

RT: 7.90 min Scan# 785

Delta R.T. -0.03 min

Lab File: BG031816.D

Acq: 28 Dec 2017 4:03

Instrument :

BNA_G

ClientSampled :

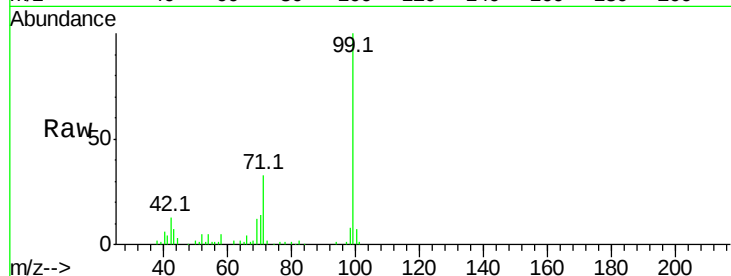
Tot Ion: 99 Resp: 74606

Ion Ratio Lower Upper

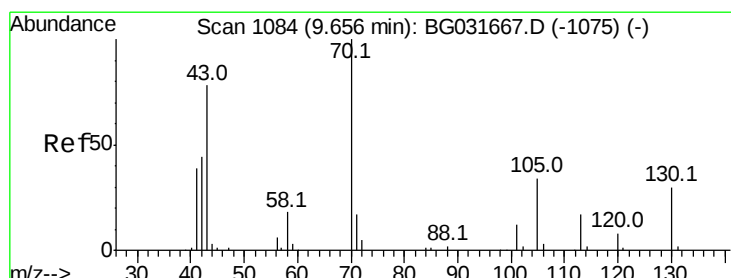
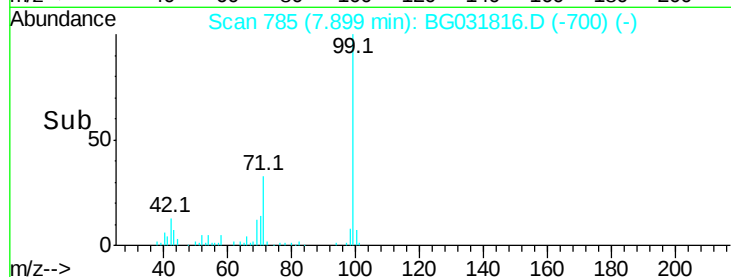
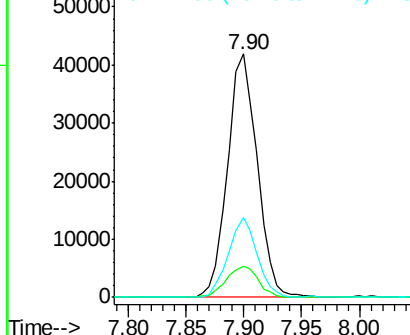
99 100

42 12.7 14.1 21.1#

71 32.8 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



#19

n-Nitroso-di-n-propylamine

Concen: 14.290 ng

RT: 10.00 min Scan# 1143

Delta R.T. 0.35 min

Lab File: BG031816.D

Acq: 28 Dec 2017 4:03

Tgt Ion: 70 Resp: 32406

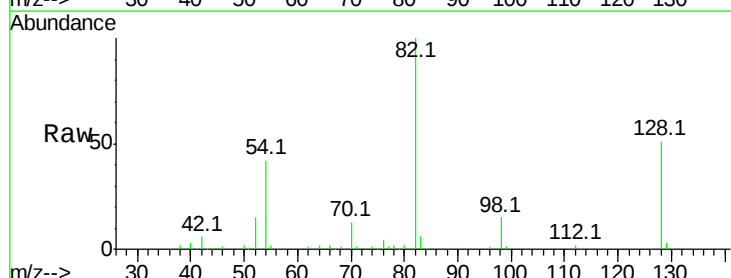
Ion Ratio Lower Upper

70 100

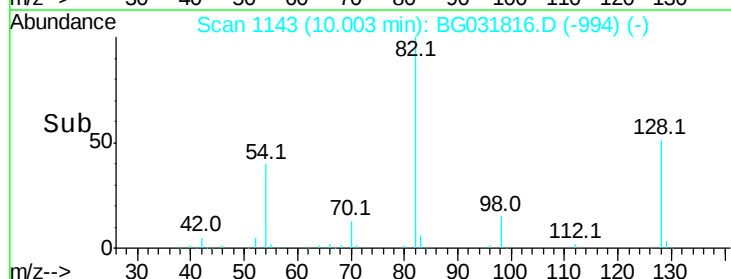
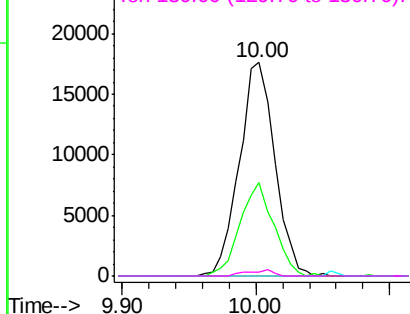
42 44.0 49.1 73.7#

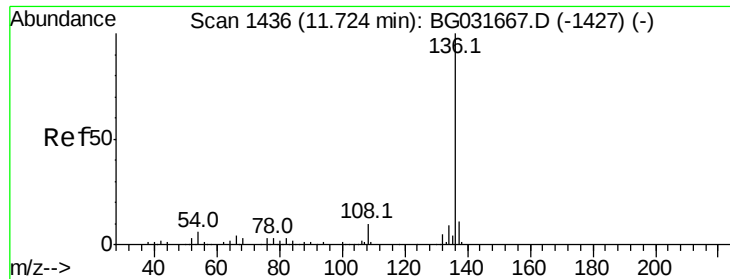
101 0.0 8.5 12.7#

130 1.9 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

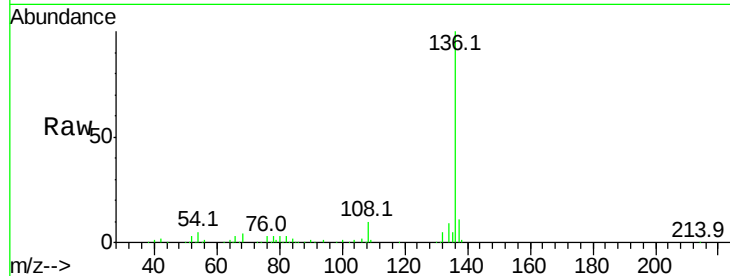




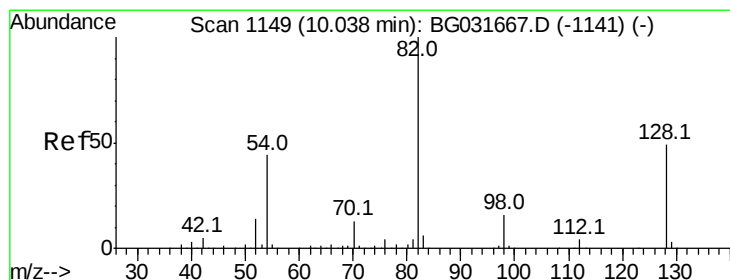
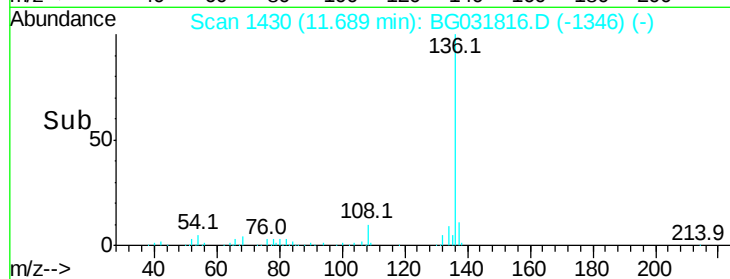
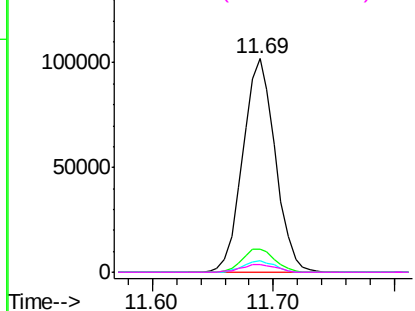
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.69 min Scan# 1430
Delta R.T. -0.04 min
Lab File: BG031816.D
Acq: 28 Dec 2017 4:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	190448
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	5.3	10.3	15.5#
68	3.9	4.5	6.7#

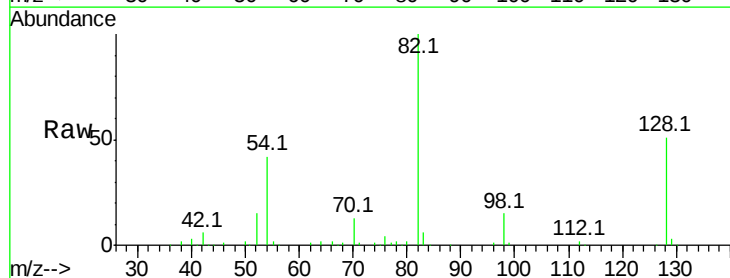


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

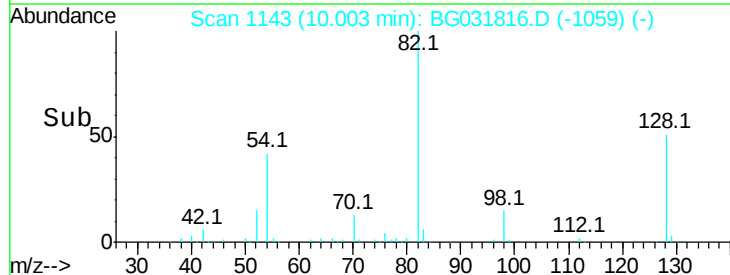
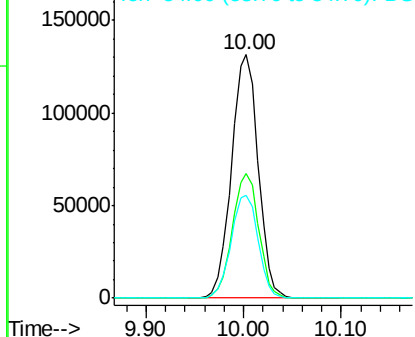


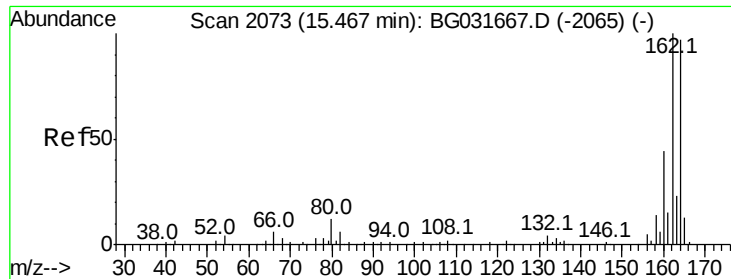
#23
Nitrobenzene-d5
Concen: 98.691 ng
RT: 10.00 min Scan# 1143
Delta R.T. -0.04 min
Lab File: BG031816.D
Acq: 28 Dec 2017 4:03

Tgt Ion:	82	Resp:	248906
Ion	Ratio	Lower	Upper
82	100		
128	51.4	29.7	44.5#
54	42.3	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: 15.43 min Scan# 2067

Delta R.T. -0.04 min

Lab File: BG031816.D

Acq: 28 Dec 2017 4:03

Instrument :

BNA_G

ClientSampleId :

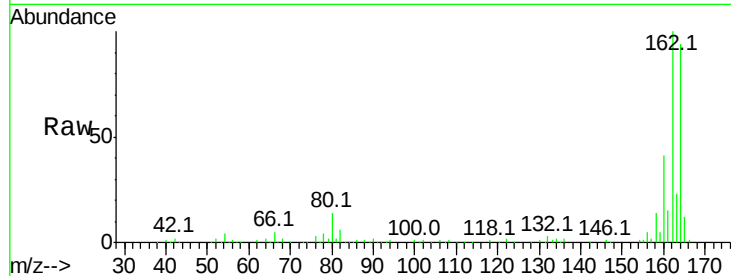
Tot Ion:164 Resp: 142129

Ion Ratio Lower Upper

164 100

162 106.5 78.8 118.2

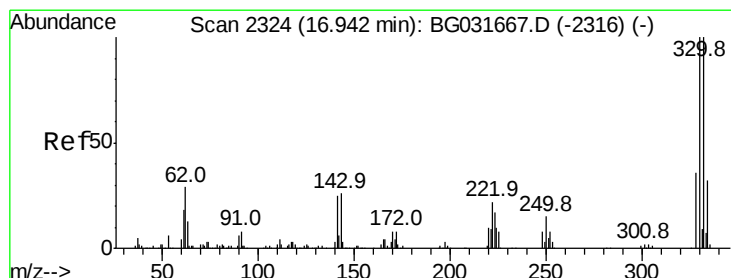
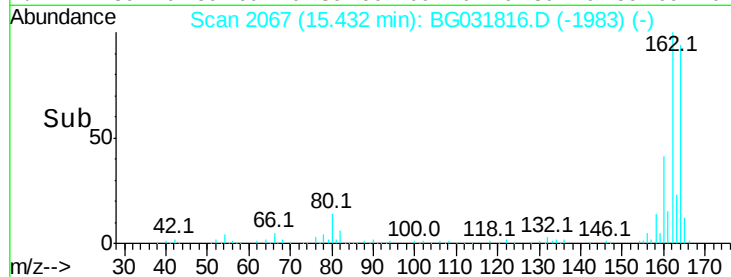
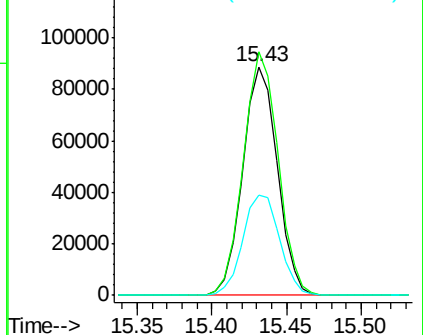
160 44.0 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 104.410 ng

RT: 16.91 min Scan# 2318

Delta R.T. -0.04 min

Lab File: BG031816.D

Acq: 28 Dec 2017 4:03

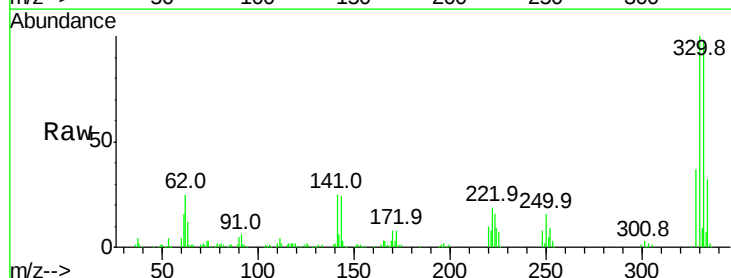
Tgt Ion:330 Resp: 226434

Ion Ratio Lower Upper

330 100

332 97.2 77.0 115.6

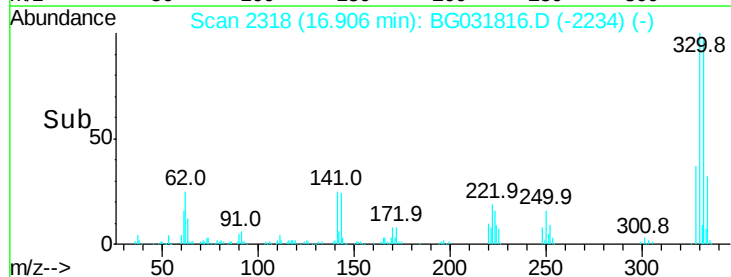
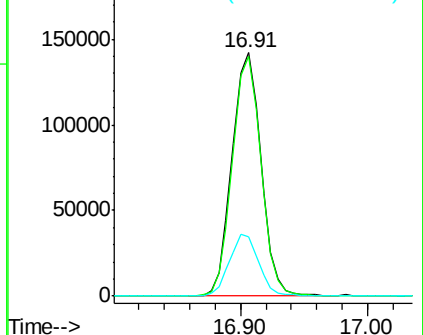
141 25.5 25.2 37.8



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

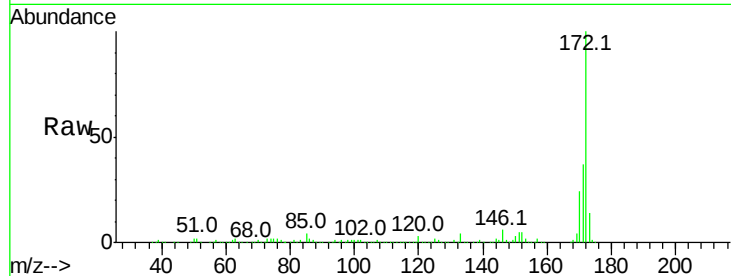




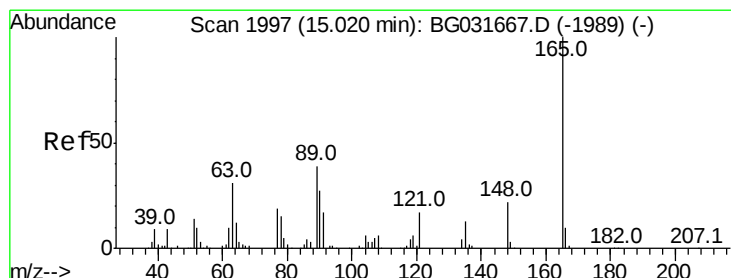
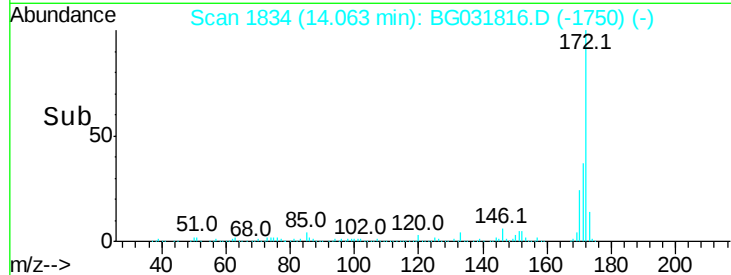
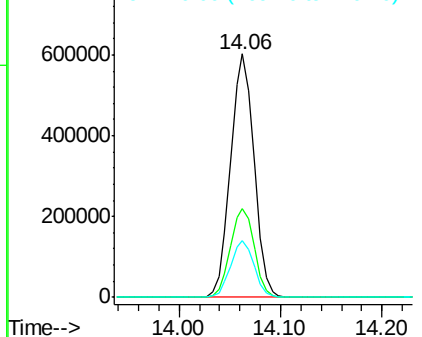
#44
2-Fluorobiphenyl
Concen: 85.552 ng
RT: 14.06 min Scan# 1834
Delta R.T. -0.04 min
Lab File: BG031816.D
Acq: 28 Dec 2017 4:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.0	45.0
170	23.6	19.5	29.3

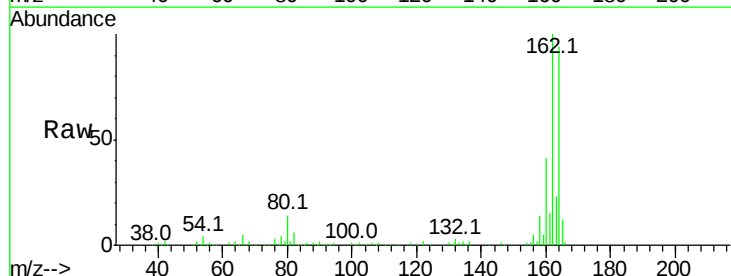


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

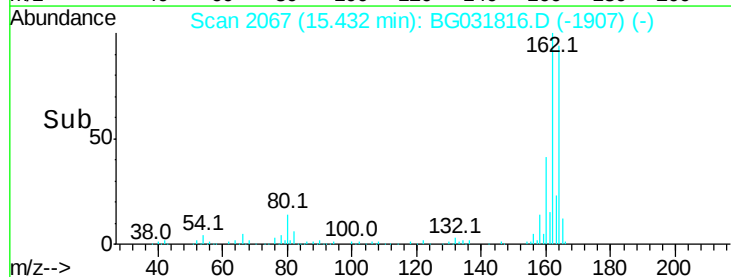
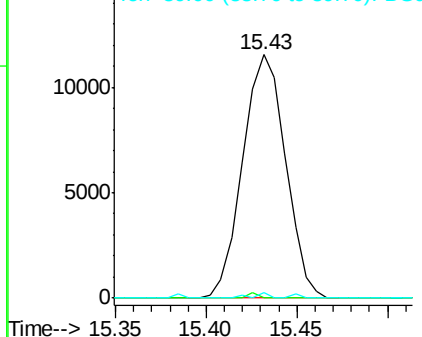


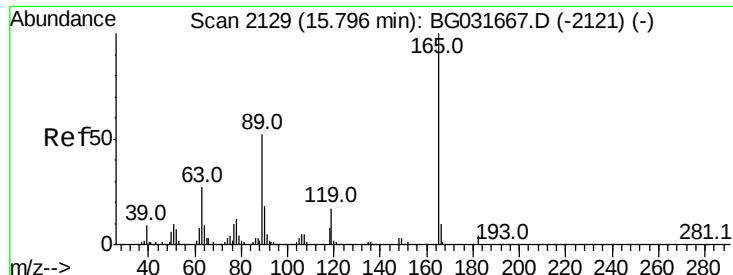
#50
2,6-Dinitrotoluene
Concen: 8.239 ng
RT: 15.43 min Scan# 2067
Delta R.T. 0.41 min
Lab File: BG031816.D
Acq: 28 Dec 2017 4:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	2.0	49.2	73.8#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

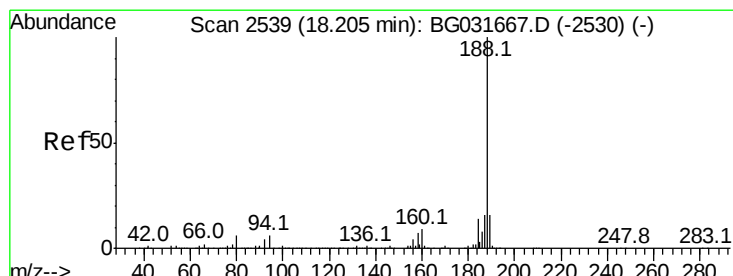
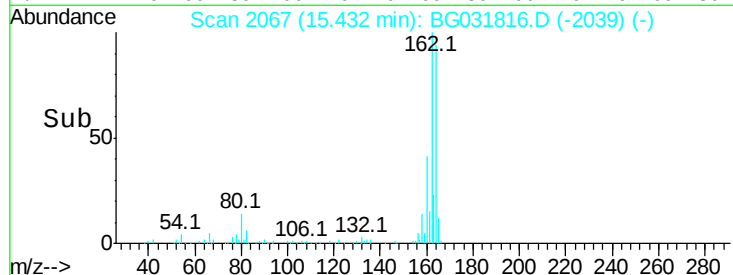
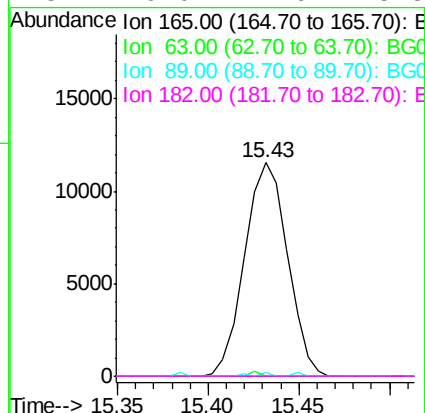
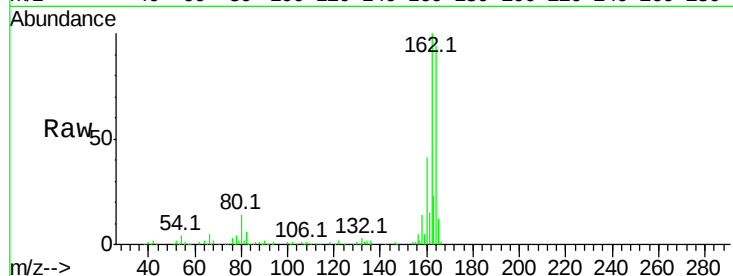




#56
2,4-Dinitrotoluene
Concen: 6.407 ng
RT: 15.43 min Scan# 2067
Delta R.T. -0.36 min
Lab File: BG031816.D
Acq: 28 Dec 2017 4:03

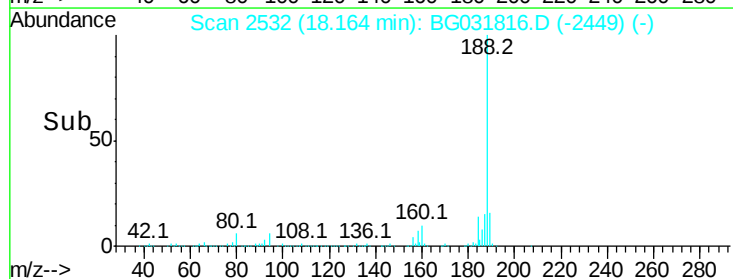
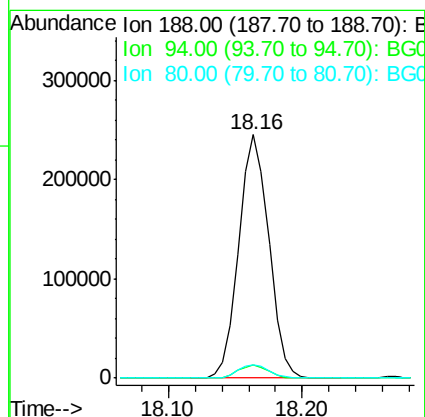
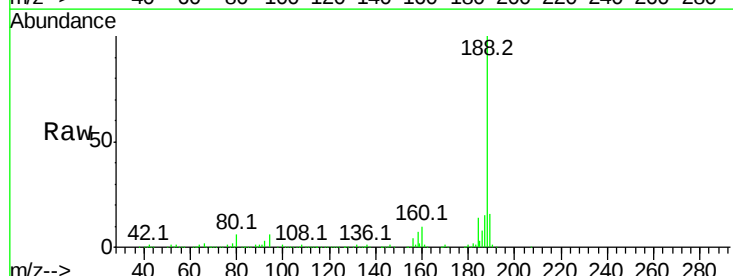
Instrument :
BNA_G
ClientSampleId :

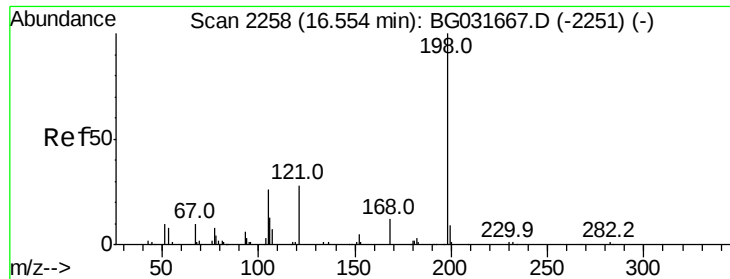
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	2.0	66.9	100.3#
182	0.0	2.6	3.8#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.16 min Scan# 2532
Delta R.T. -0.04 min
Lab File: BG031816.D
Acq: 28 Dec 2017 4:03

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.5	6.9	10.3#
80	5.6	7.7	11.5#

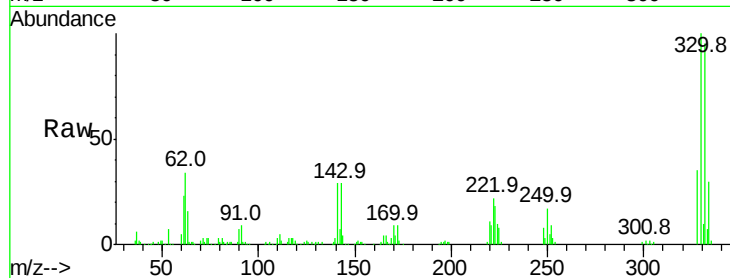




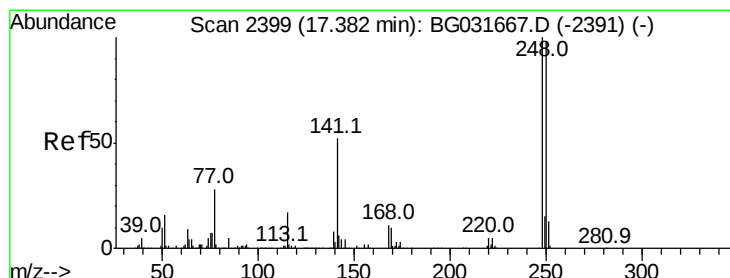
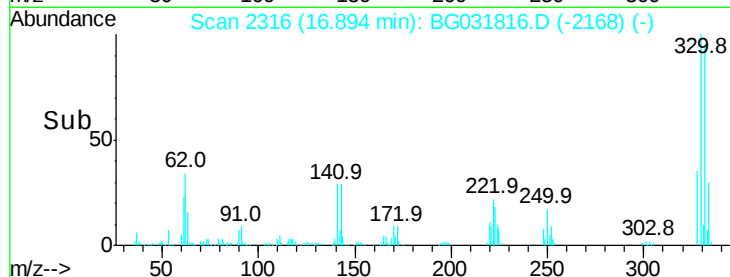
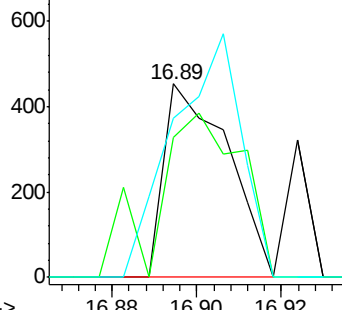
#64
4,6-Dinitro-2-methylphenol
Concen: 8.517 ng
RT: 16.89 min Scan# 2316
Delta R.T. 0.34 min
Lab File: BG031816.D
Acq: 28 Dec 2017 4:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:198 Resp: 476
Ion Ratio Lower Upper
198 100
51 72.0 30.6 70.6#
105 82.4 23.8 63.8#

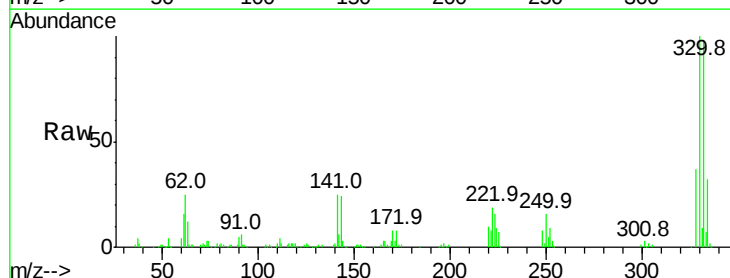


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E

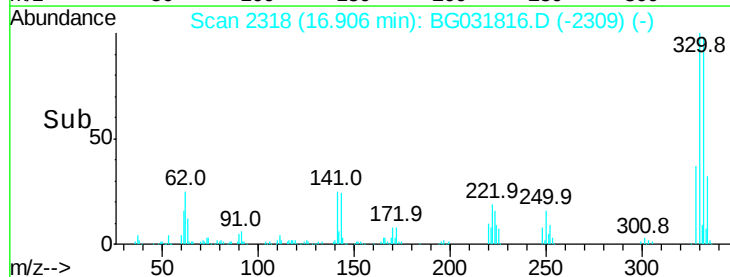
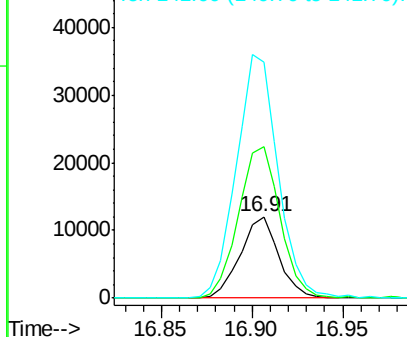


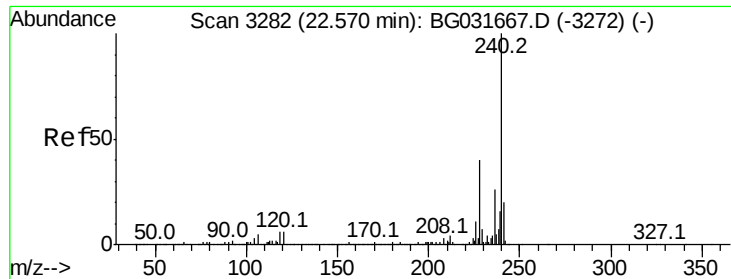
#66
4-Bromophenyl-phenylether
Concen: 3.194 ng
RT: 16.91 min Scan# 2318
Delta R.T. -0.48 min
Lab File: BG031816.D
Acq: 28 Dec 2017 4:03

Tgt Ion:248 Resp: 17669
Ion Ratio Lower Upper
248 100
250 185.3 77.1 115.7#
141 289.1 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: 22.51 min Scan# 3272

Delta R.T. -0.06 min

Lab File: BG031816.D

Acq: 28 Dec 2017 4:03

Instrument :

BNA_G

ClientSampleId :

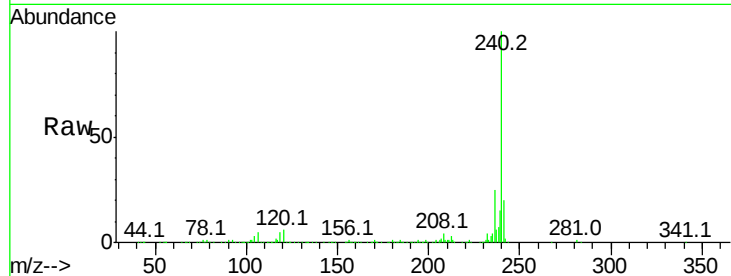
Tot Ion:240 Resp: 470257

Ion Ratio Lower Upper

240 100

120 5.8 6.8 10.2#

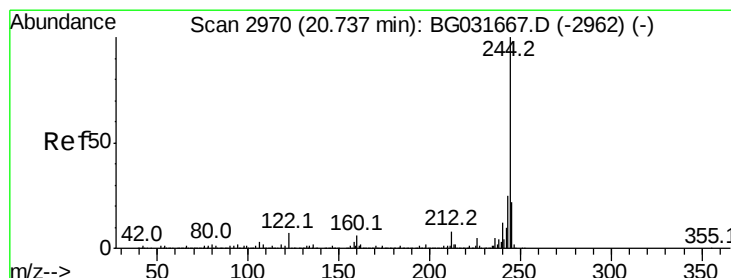
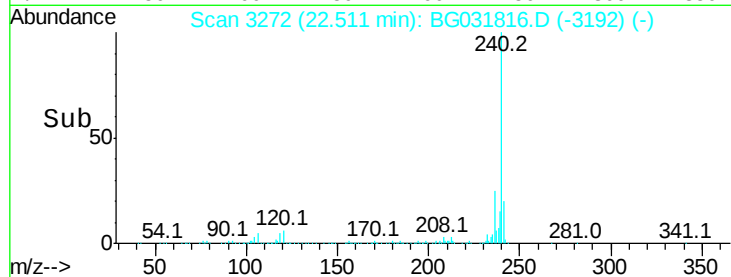
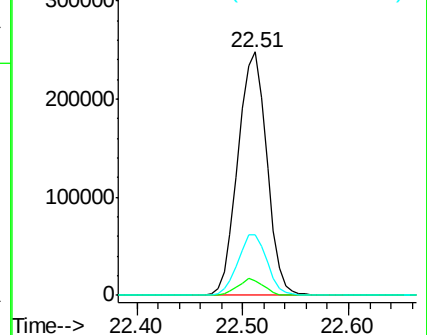
236 24.9 20.9 31.3



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: 85.374 ng

RT: 20.70 min Scan# 2963

Delta R.T. -0.04 min

Lab File: BG031816.D

Acq: 28 Dec 2017 4:03

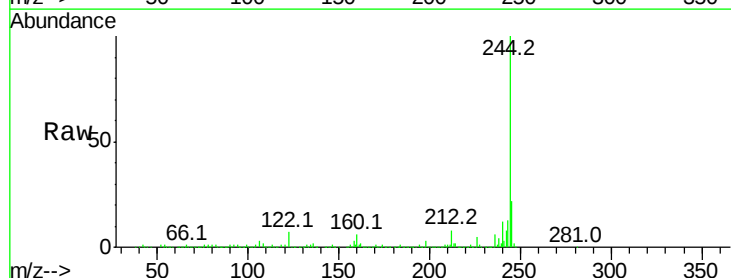
Tgt Ion:244 Resp: 1757280

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

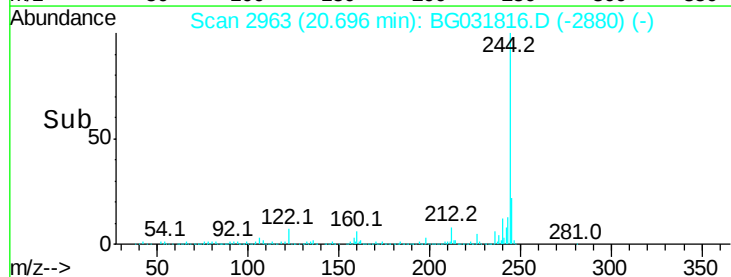
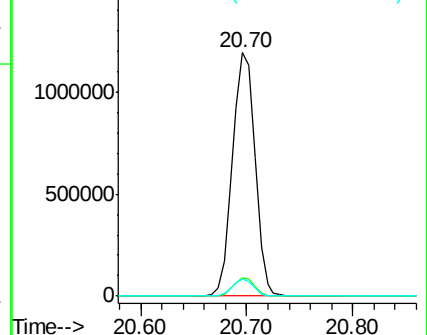
122 7.2 7.0 10.4

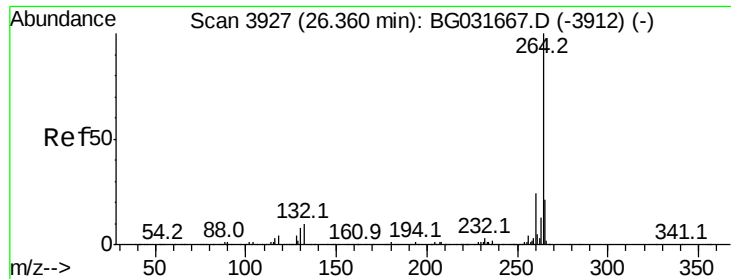


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.26 min Scan# 3910
Delta R.T. -0.10 min
Lab File: BG031816.D
Acq: 28 Dec 2017 4:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	21.0	17.7	26.5

