

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
 Data File : BG031678.D
 Acq On : 21 Dec 2017 18:06
 Operator : SJ/JU
 Sample : I7001-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 22 03:15:07 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 14:09:19 2017
 Response via : Initial Calibration

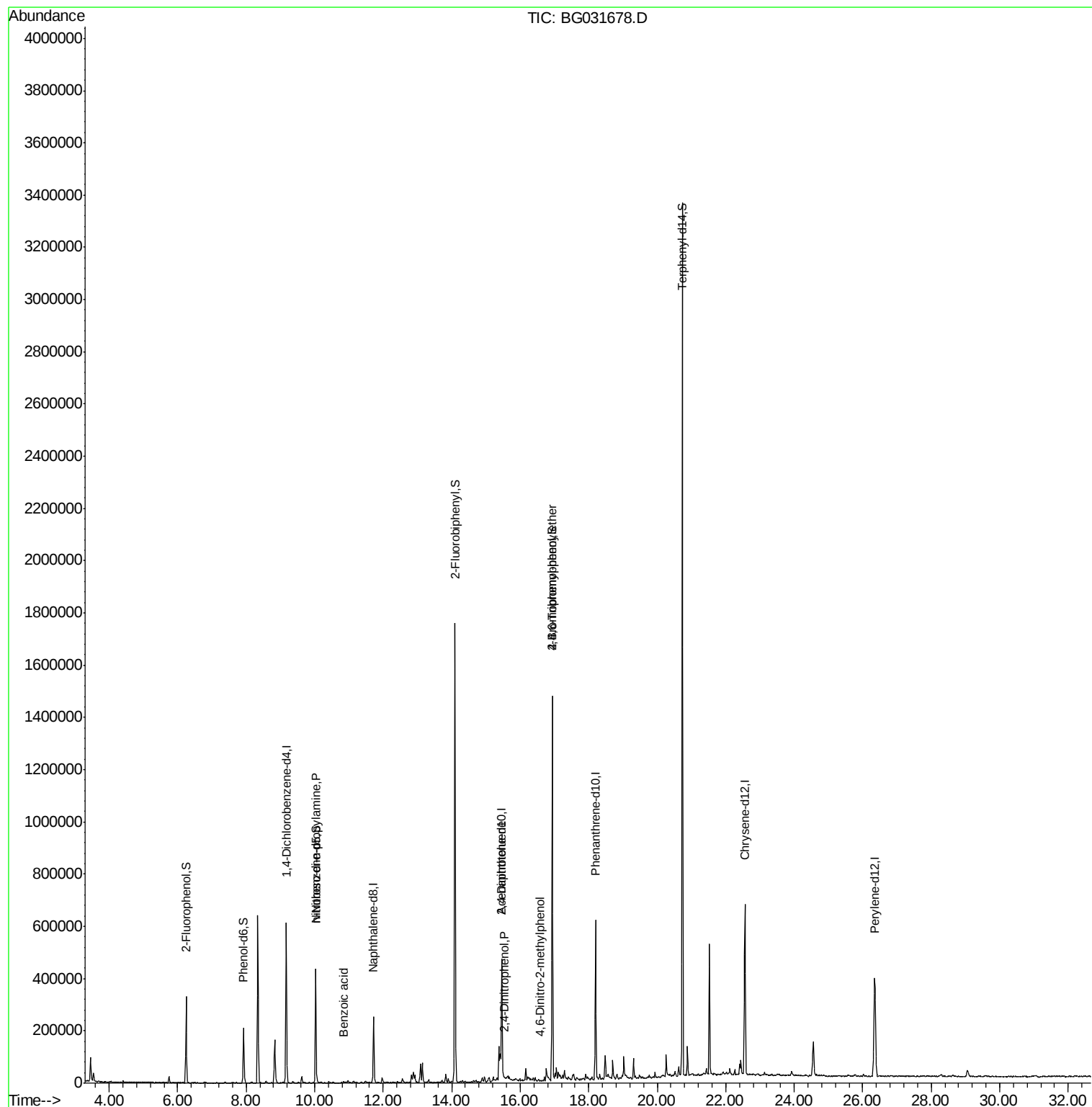
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.17	152	220634	20.00	ng	0.33
21) Naphthalene-d8	11.72	136	249114	20.00	ng	0.00
38) Acenaphthene-d10	15.46	164	167892	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	430018	20.00	ng	0.00
75) Chrysene-d12	22.56	240	494839	20.00	ng	0.00
86) Perylene-d12	26.35	264	523971	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.25	112	182420	15.06	ng	0.00
7) Phenol-d6	7.92	99	151022	9.60	ng	0.00
23) Nitrobenzene-d5	10.03	82	275930	83.64	ng	0.00
41) 2,4,6-Tribromophenol	16.94	330	349382	136.38	ng	0.00
44) 2-Fluorobiphenyl	14.09	172	1072803	80.20	ng	0.00
78) Terphenyl-d14	20.73	244	1782104	82.28	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.03	70	36496	3.398	ng	# 77
32) Benzoic acid	10.85	122	513	6.867	ng	# 31
53) 2,4-Dinitrophenol	15.53	184	55	7.676	ng	# 1
56) 2,4-Dinitrotoluene	15.46	165	21233	6.069	ng	# 19
64) 4,6-Dinitro-2-methylphenol	16.57	198	60	8.330	ng	# 29
66) 4-Bromophenyl-phenylether	16.94	248	27121	4.361	ng	# 1

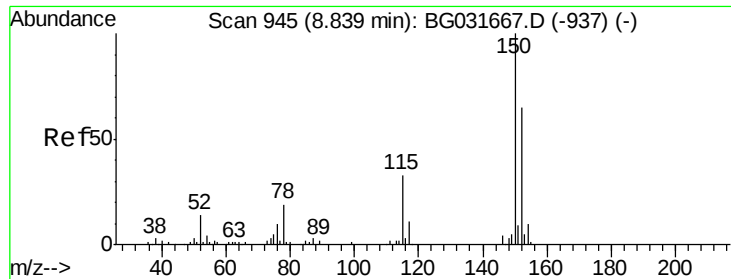
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 9.17 min Scan# 1001

Delta R.T. 0.33 min

Lab File: BG031678.D

Acq: 21 Dec 2017 18:06

Instrument :

BNA_G

ClientSampleId :

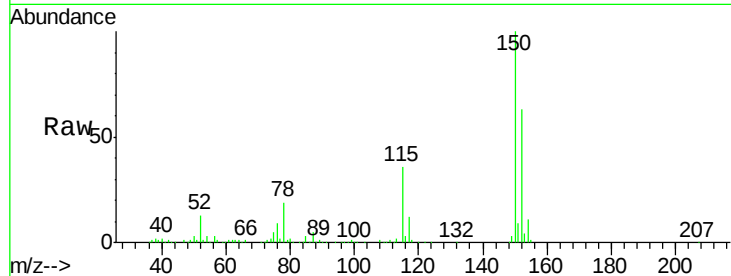
Tot Ion:152 Resp: 220634

Ion Ratio Lower Upper

152 100

150 158.0 126.6 189.8

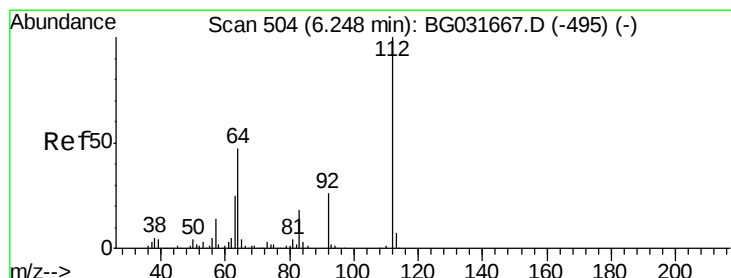
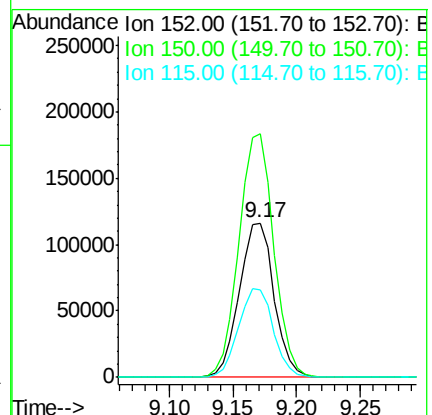
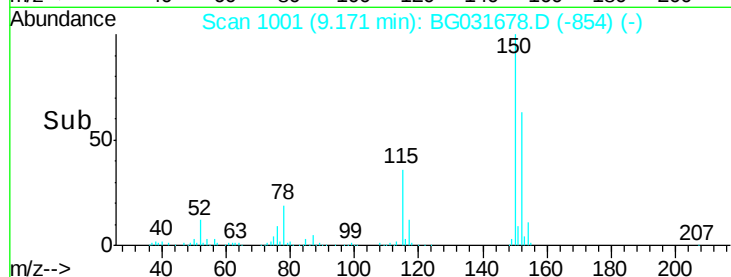
115 56.7 53.0 79.4



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: 15.059 ng

RT: 6.25 min Scan# 503

Delta R.T. -0.00 min

Lab File: BG031678.D

Acq: 21 Dec 2017 18:06

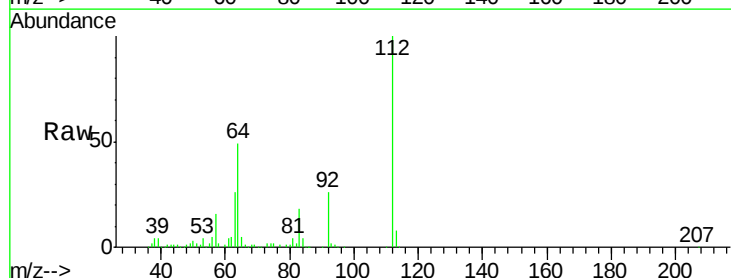
Tgt Ion:112 Resp: 182420

Ion Ratio Lower Upper

112 100

64 49.4 56.3 84.5#

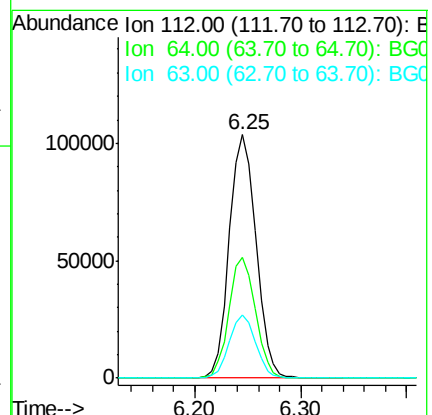
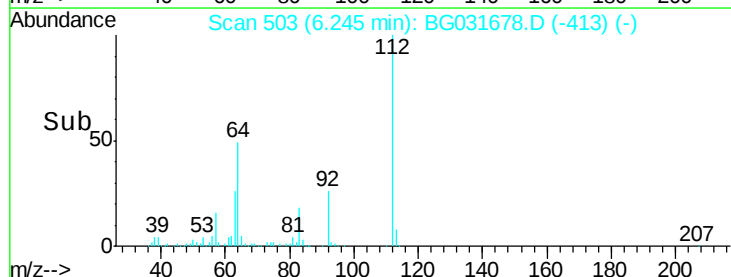
63 26.2 30.1 45.1#

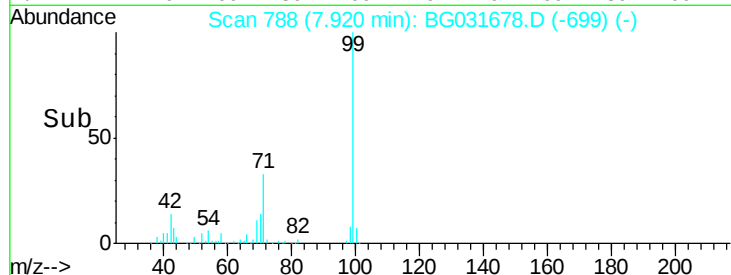
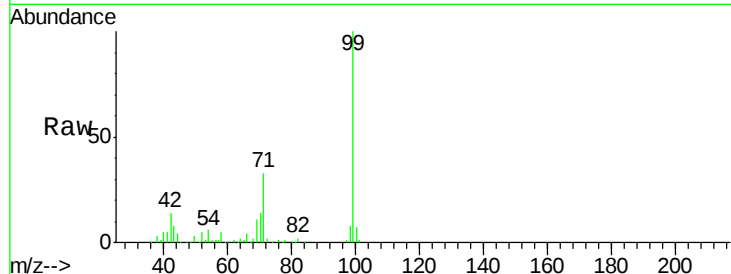


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

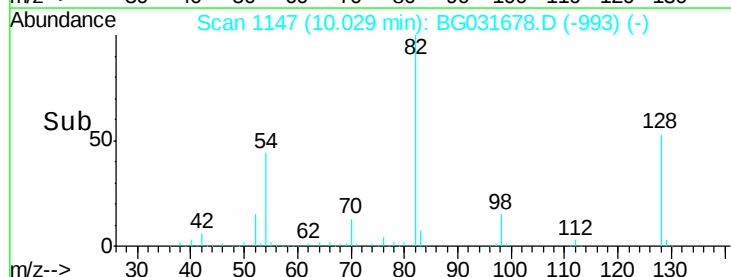
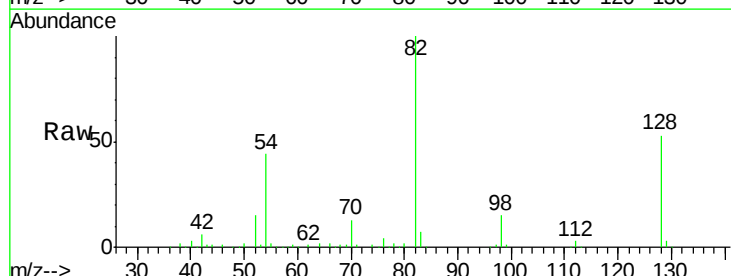
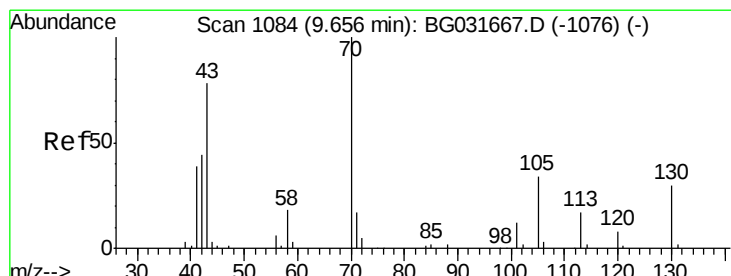
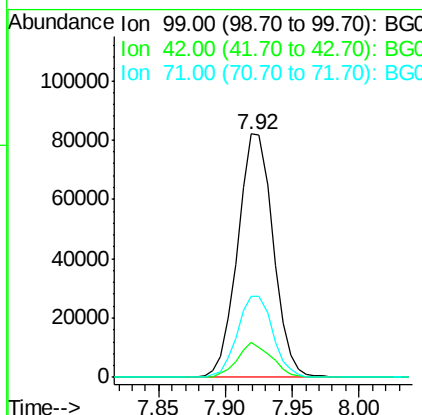




#7
Phenol-d6
Concen: 9.603 ng
RT: 7.92 min Scan# 788
Delta R.T. -0.01 min
Lab File: BG031678.D
Acq: 21 Dec 2017 18:06

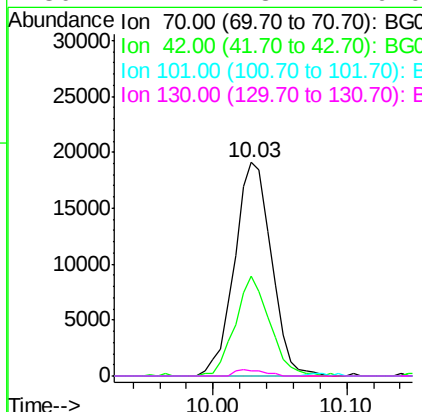
Instrument :
BNA_G
ClientSampleId :

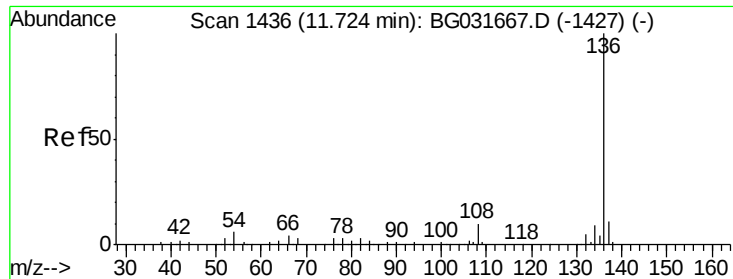
Tot Ion	Ratio	Lower	Upper
99	100		
42	14.4	14.1	21.1
71	33.2	26.1	39.1



#19
n-Nitroso-di-n-propylamine
Concen: 3.398 ng
RT: 10.03 min Scan# 1147
Delta R.T. 0.37 min
Lab File: BG031678.D
Acq: 21 Dec 2017 18:06

Tgt Ion	Ratio	Lower	Upper
70	100		
42	46.9	49.1	73.7#
101	0.0	8.5	12.7#
130	2.4	13.4	20.0#

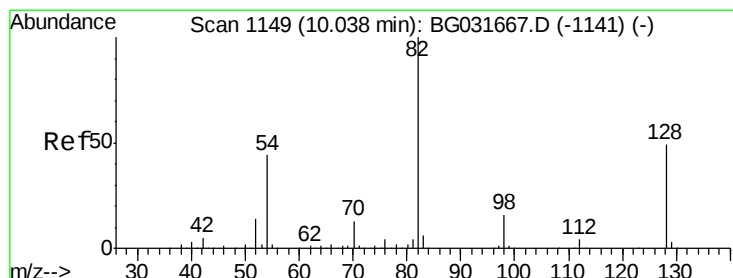
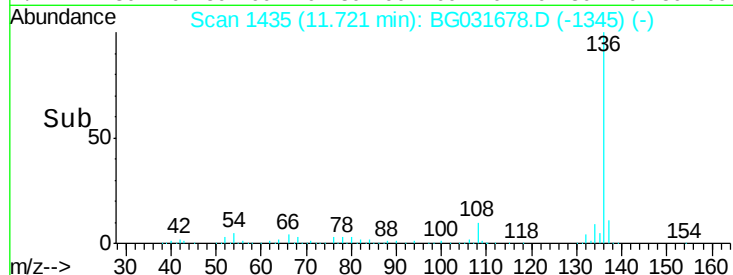
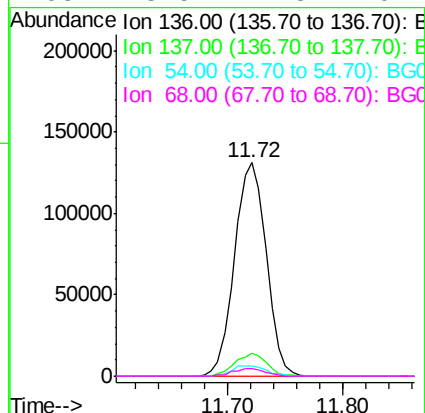
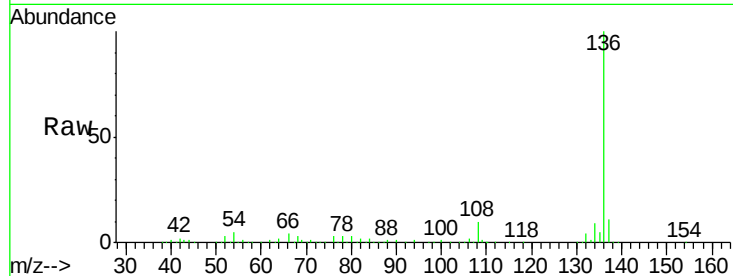




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.72 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BG031678.D
Acq: 21 Dec 2017 18:06

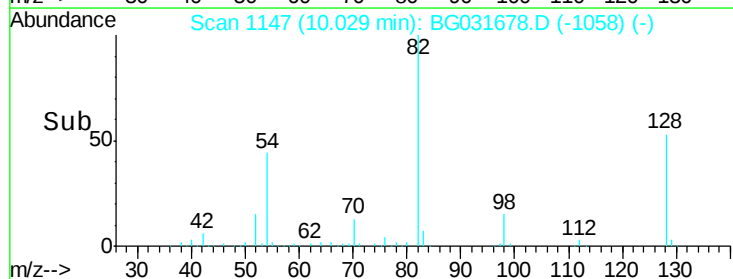
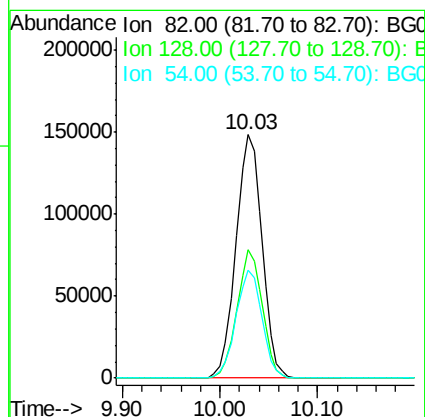
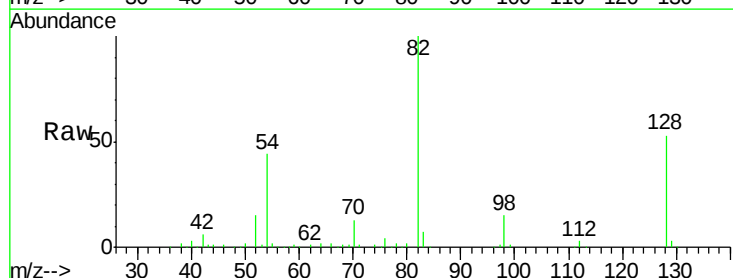
Instrument :
BNA_G
ClientSampleId :

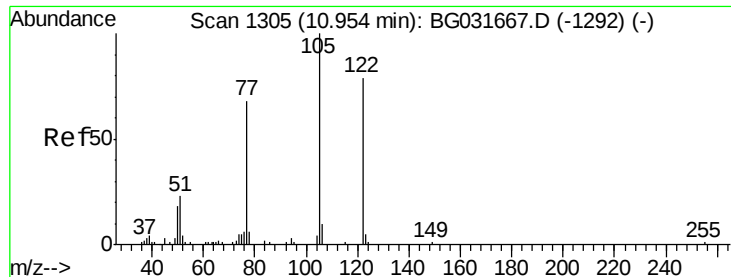
Tot Ion:136	Resp:	249114
Ion	Ratio	Lower Upper
136	100	
137	10.9	9.2 13.8
54	5.0	10.3 15.5#
68	3.5	4.5 6.7#



#23
Nitrobenzene-d5
Concen: 83.641 ng
RT: 10.03 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BG031678.D
Acq: 21 Dec 2017 18:06

Tgt Ion: 82	Resp:	275930
Ion	Ratio	Lower Upper
82	100	
128	52.6	29.7 44.5#
54	44.4	43.1 64.7





#32

Benzoic acid

Concen: 6.867 ng

RT: 10.85 min Scan# 1286

Delta R.T. -0.11 min

Lab File: BG031678.D

Acq: 21 Dec 2017 18:06

Instrument :

BNA_G

ClientSampleId :

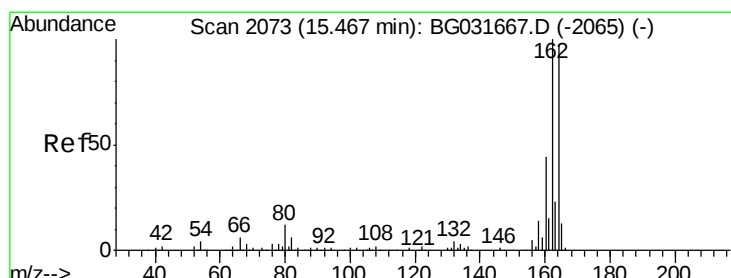
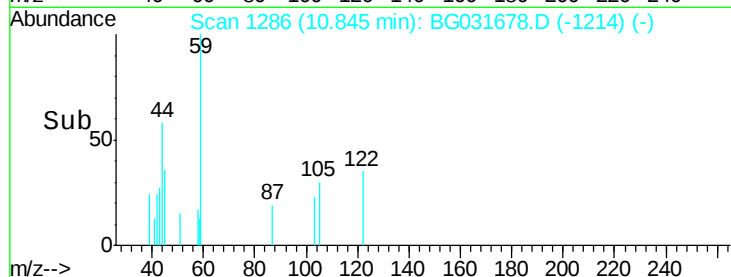
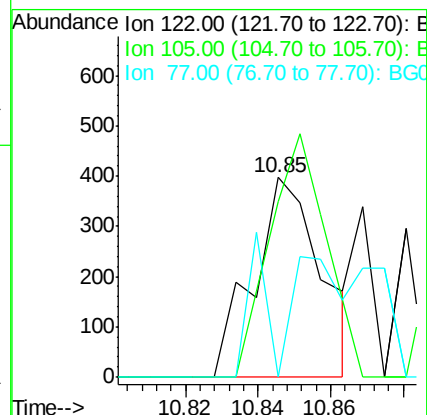
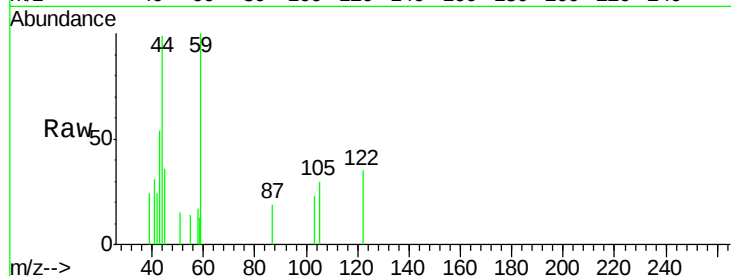
Tot Ion:122 Resp: 513

Ion Ratio Lower Upper

122 100

105 87.9 123.5 163.5#

77 0.0 85.7 125.7#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.46 min Scan# 2072

Delta R.T. -0.00 min

Lab File: BG031678.D

Acq: 21 Dec 2017 18:06

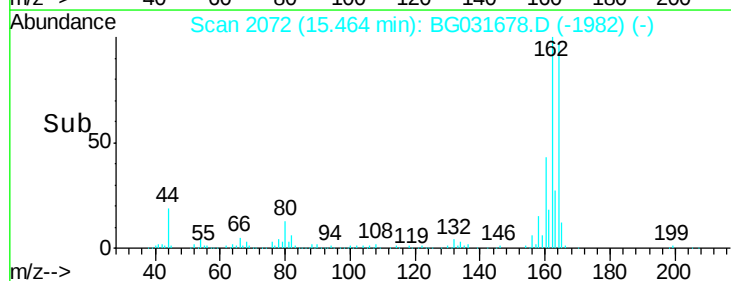
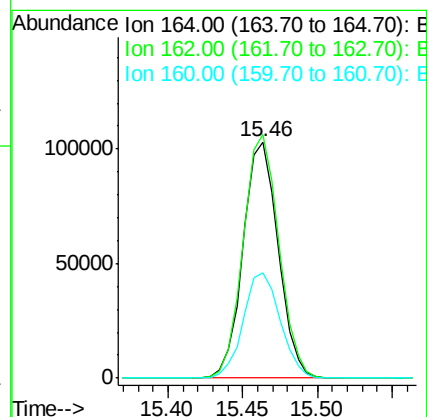
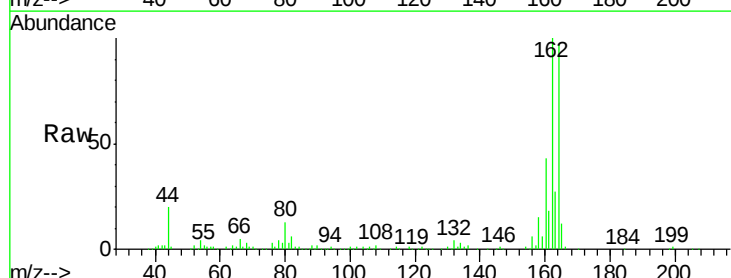
Tgt Ion:164 Resp: 167892

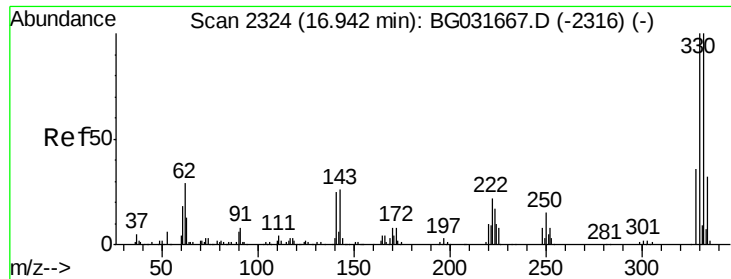
Ion Ratio Lower Upper

164 100

162 102.9 78.8 118.2

160 44.6 35.4 53.0

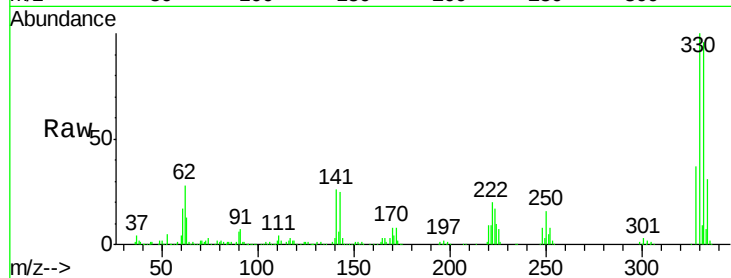




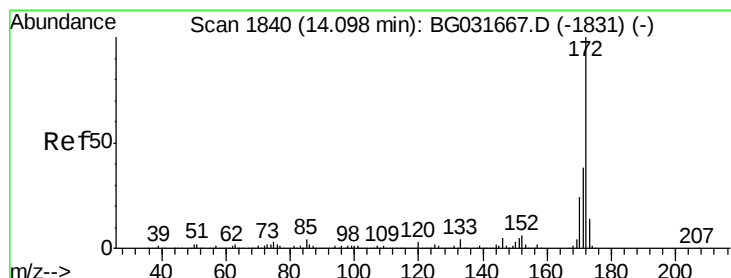
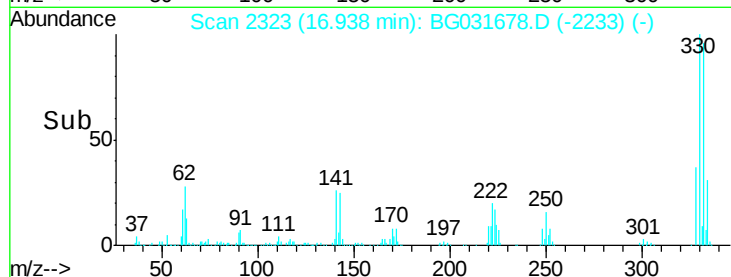
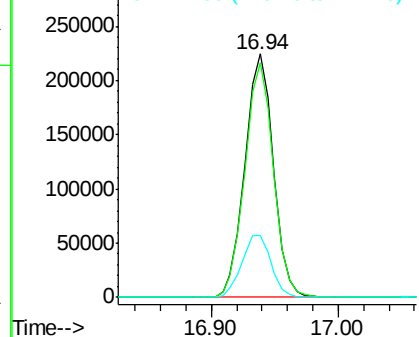
#41
 2,4,6-Tribromophenol
 Concen: 136.381 ng
 RT: 16.94 min Scan# 2323
 Delta R.T. -0.00 min
 Lab File: BG031678.D
 Acq: 21 Dec 2017 18:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	26.3	25.2	37.8

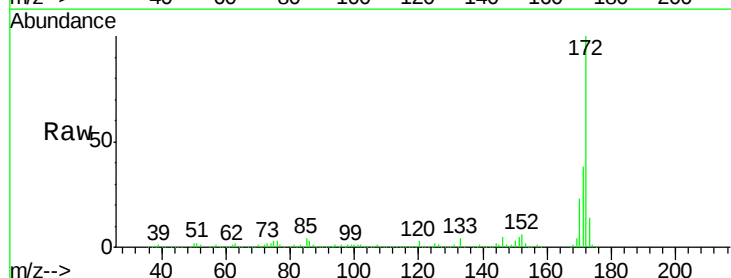


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

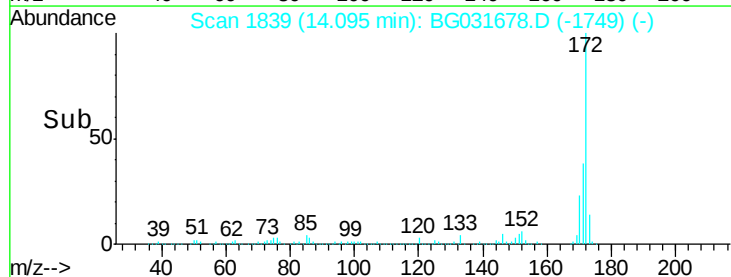
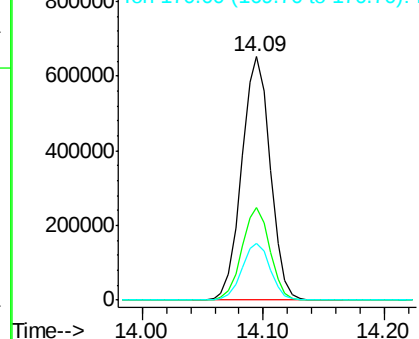


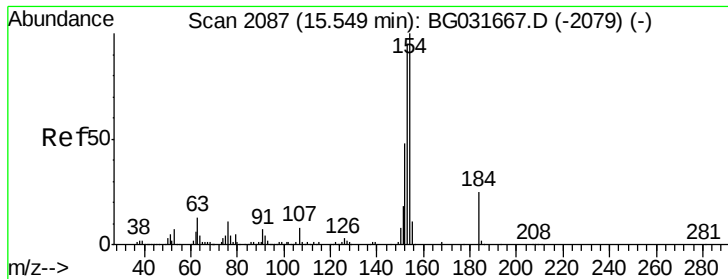
#44
 2-Fluorobiphenyl
 Concen: 80.201 ng
 RT: 14.09 min Scan# 1839
 Delta R.T. -0.00 min
 Lab File: BG031678.D
 Acq: 21 Dec 2017 18:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	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





#53

2,4-Dinitrophenol

Concen: 7.676 ng

RT: 15.53 min Scan# 2084

Delta R.T. -0.01 min

Lab File: BG031678.D

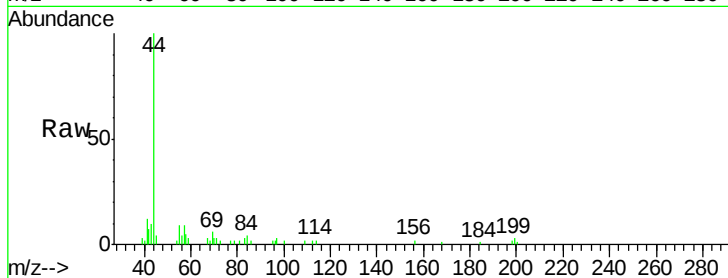
Acq: 21 Dec 2017 18:06

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	184	Resp:	55
Ion	Ratio	Lower	Upper
184	100		
63	0.0	59.8	89.8#
154	0.0	101.8	152.8#

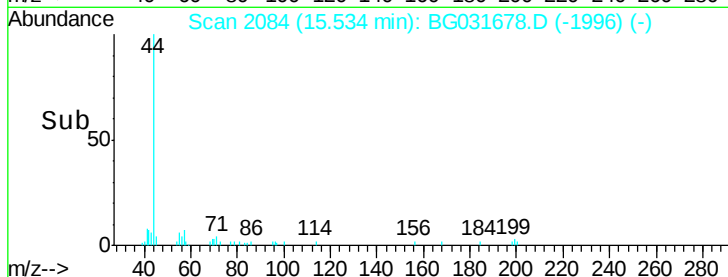


Abundance Ion 184.00 (183.70 to 184.70): E

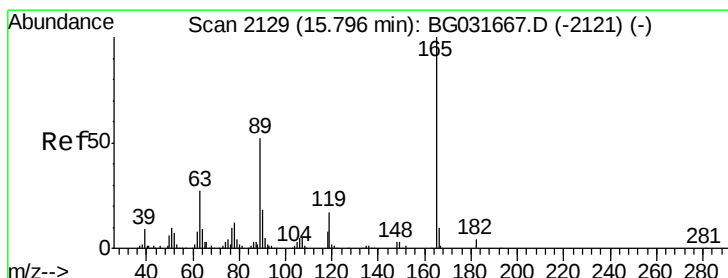
Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

15.53



Time-->



#56

2,4-Dinitrotoluene

Concen: 6.069 ng

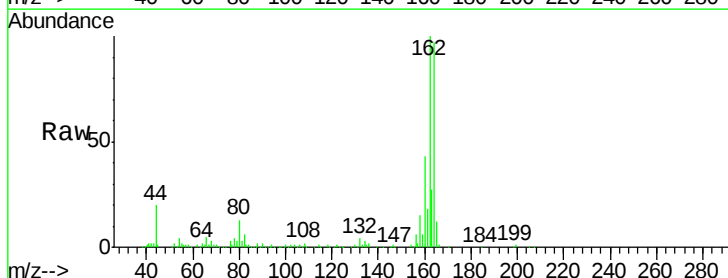
RT: 15.46 min Scan# 2072

Delta R.T. -0.33 min

Lab File: BG031678.D

Acq: 21 Dec 2017 18:06

Tgt Ion:	165	Resp:	21233
Ion	Ratio	Lower	Upper
165	100		
63	2.1	42.0	63.0#
89	2.6	66.9	100.3#
182	0.0	2.6	3.8#



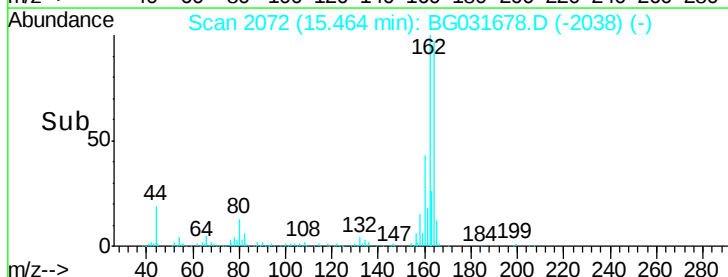
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

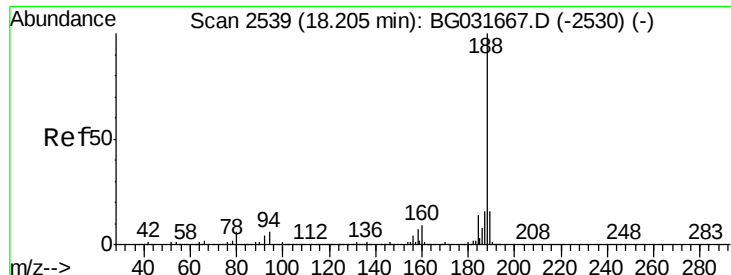
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

15.46



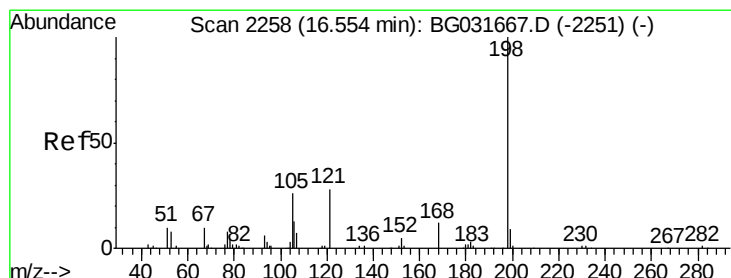
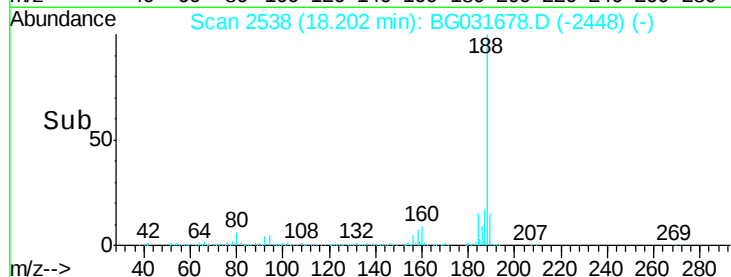
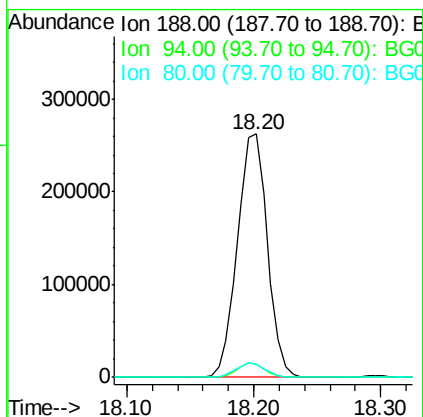
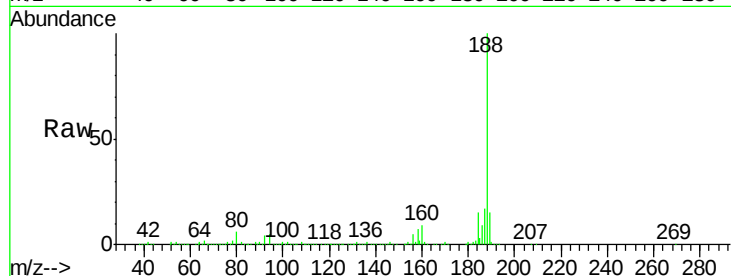
Time-->



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.20 min Scan# 2538
Delta R.T. -0.00 min
Lab File: BG031678.D
Acq: 21 Dec 2017 18:06

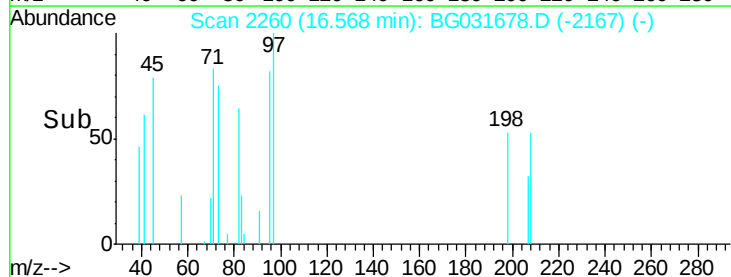
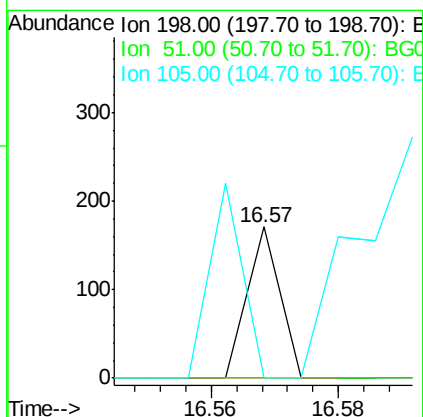
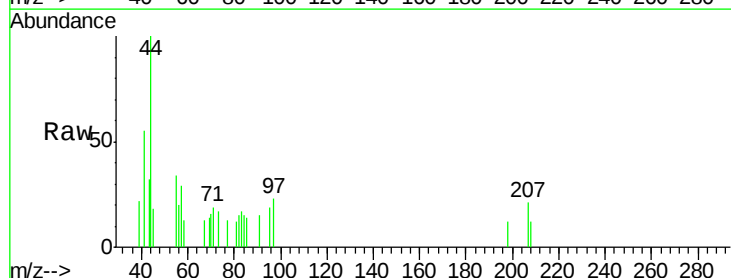
Instrument :
BNA_G
ClientSampleId :

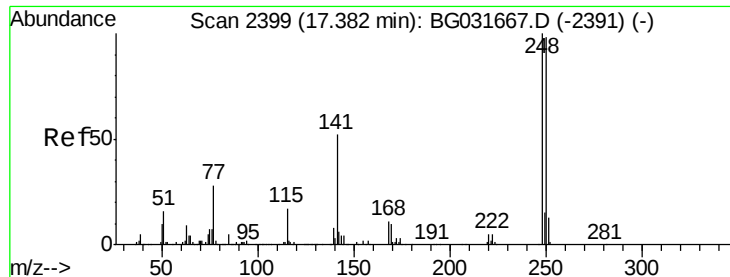
Tot Ion:188 Resp: 430018
Ion Ratio Lower Upper
188 100
94 5.4 6.9 10.3#
80 5.6 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 8.330 ng
RT: 16.57 min Scan# 2260
Delta R.T. 0.02 min
Lab File: BG031678.D
Acq: 21 Dec 2017 18:06

Tgt Ion:198 Resp: 60
Ion Ratio Lower Upper
198 100
51 0.0 30.6 70.6#
105 0.0 23.8 63.8#

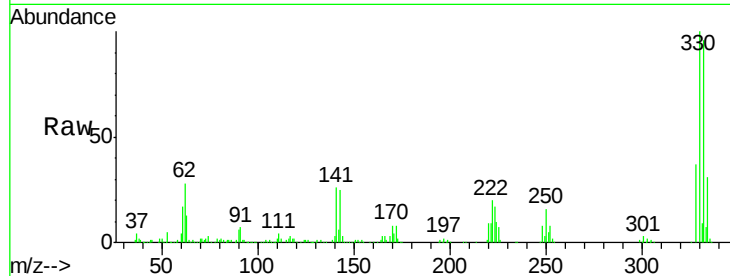




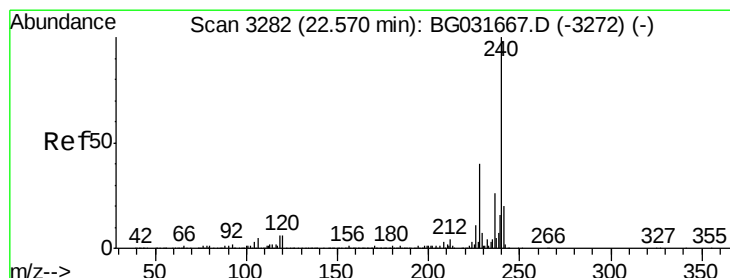
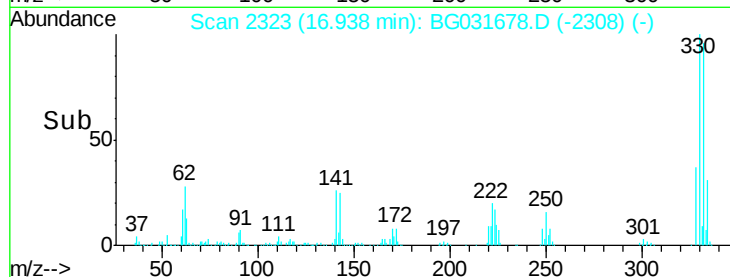
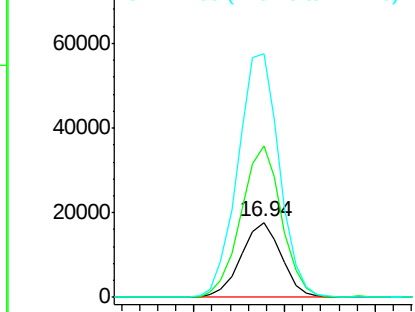
#66
4-Bromophenyl-phenylether
Concen: 4.361 ng
RT: 16.94 min Scan# 2323
Delta R.T. -0.44 min
Lab File: BG031678.D
Acq: 21 Dec 2017 18:06

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 27121
Ion Ratio Lower Upper
248 100
250 202.7 77.1 115.7#
141 325.7 50.8 76.2#

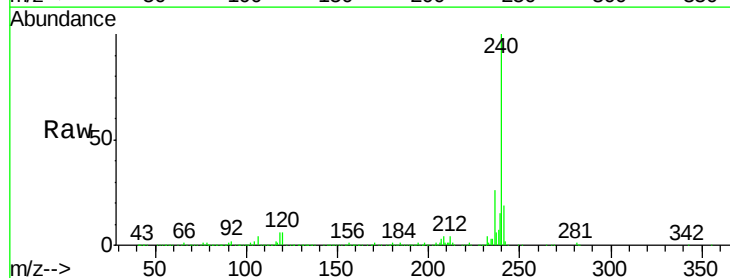


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

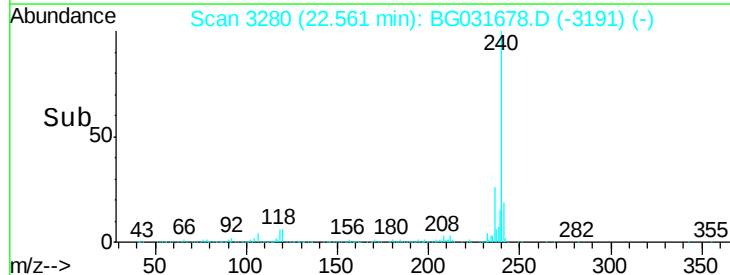
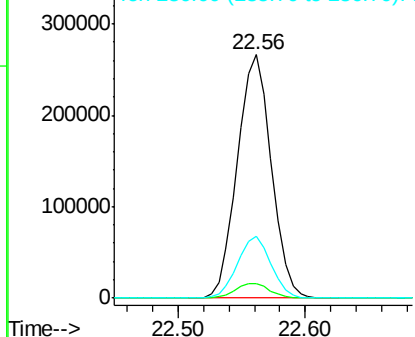


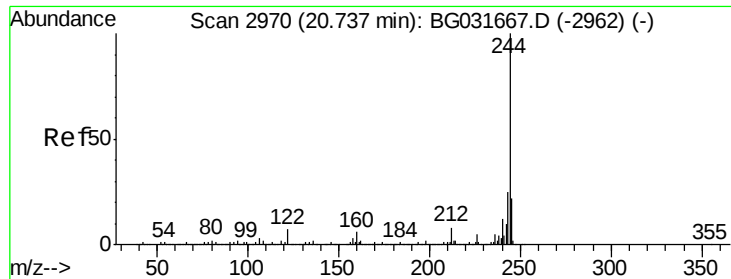
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3280
Delta R.T. -0.01 min
Lab File: BG031678.D
Acq: 21 Dec 2017 18:06

Tgt Ion:240 Resp: 494839
Ion Ratio Lower Upper
240 100
120 5.9 6.8 10.2#
236 25.6 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: 82.279 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG031678.D

Acq: 21 Dec 2017 18:06

Instrument :

BNA_G

ClientSampleId :

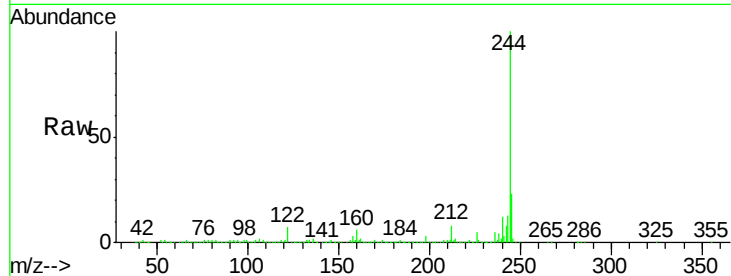
Tot Ion:244 Resp: 1782104

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

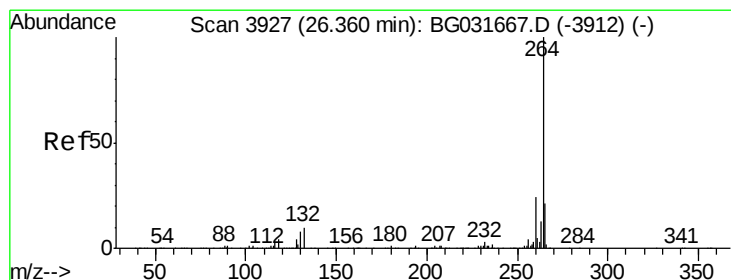
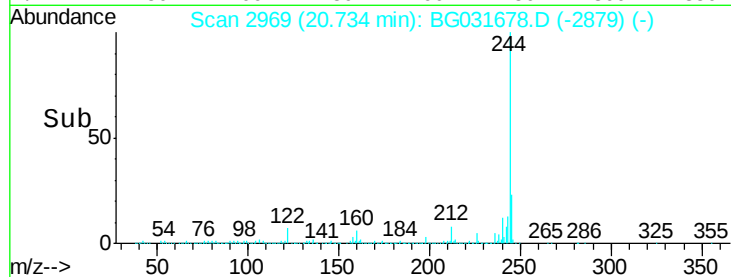
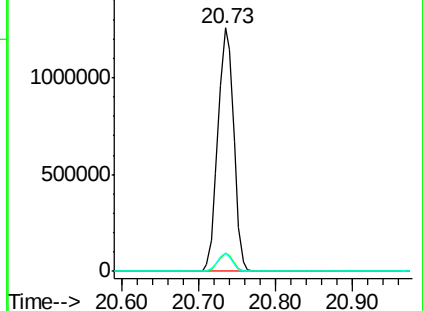
122 7.4 7.0 10.4



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: 26.35 min Scan# 3925

Delta R.T. -0.01 min

Lab File: BG031678.D

Acq: 21 Dec 2017 18:06

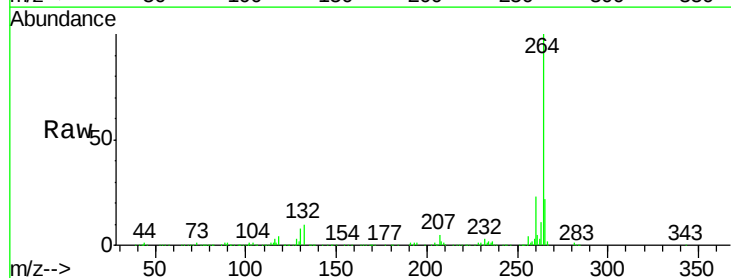
Tgt Ion:264 Resp: 523971

Ion Ratio Lower Upper

264 100

260 23.3 17.4 26.0

265 21.6 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

