

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032718\
 Data File : BG033369.D
 Acq On : 27 Mar 2018 19:35
 Operator : SJ/JU
 Sample : J2038-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 28 07:55:35 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 15:11:46 2018
 Response via : Initial Calibration

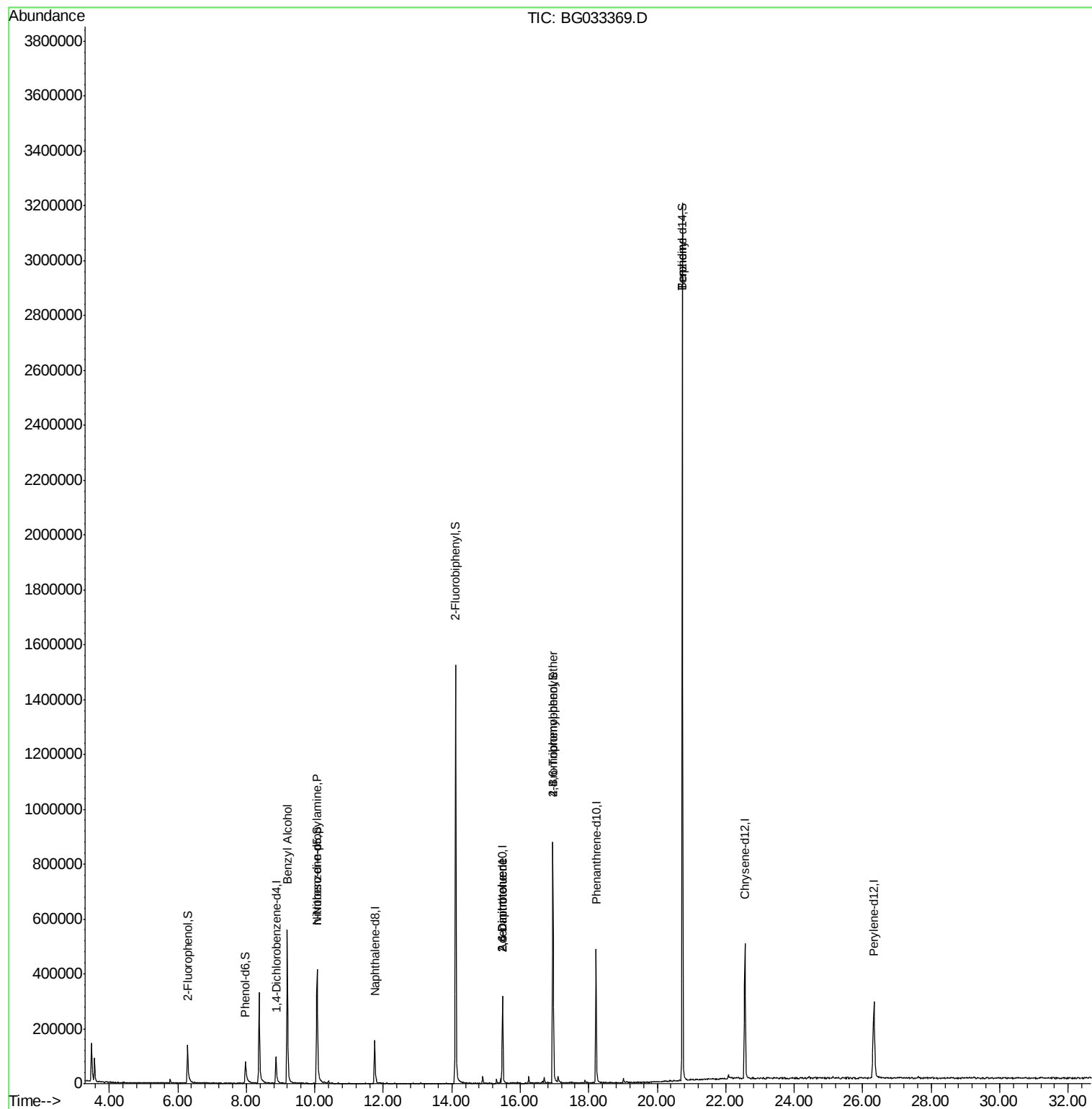
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	38761	20.00	ng	-0.03
21) Naphthalene-d8	11.75	136	158206	20.00	ng	-0.03
38) Acenaphthene-d10	15.49	164	129057	20.00	ng	-0.03
63) Phenanthrene-d10	18.21	188	345390	20.00	ng	-0.03
75) Chrysene-d12	22.56	240	367636	20.00	ng	-0.04
86) Perylene-d12	26.33	264	385870	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	82165	39.75	ng	-0.03
7) Phenol-d6	7.97	99	74449	20.96	ng	-0.03
23) Nitrobenzene-d5	10.07	82	347200	100.83	ng	-0.03
41) 2,4,6-Tribromophenol	16.95	330	191473	99.20	ng	-0.03
44) 2-Fluorobiphenyl	14.11	172	878148	98.23	ng	-0.03
78) Terphenyl-d14	20.73	244	1588886	92.43	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	9.19	79	5824	2.083	ng	# 48
19) n-Nitroso-di-n-propylamine	10.07	70	45361	17.429	ng	# 73
50) 2,6-Dinitrotoluene	15.48	165	15246	6.639	ng	# 20
56) 2,4-Dinitrotoluene	15.48	165	15246	4.509	ng	# 17
66) 4-Bromophenyl-phenylether	16.95	248	14711	3.627	ng	# 1
76) Benzidine	20.73	184	26017	2.610	ng	# 91

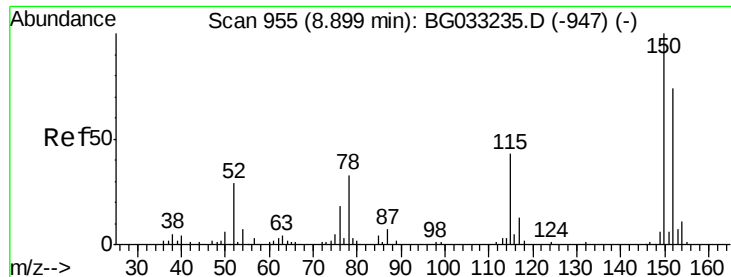
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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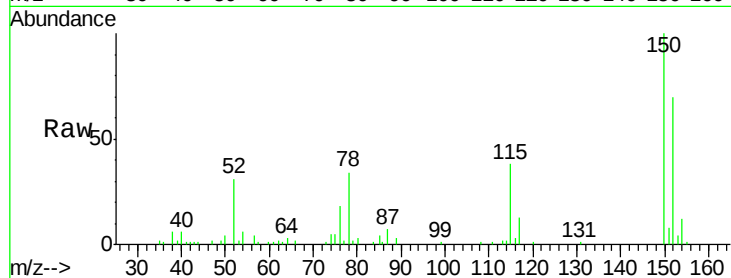


#1

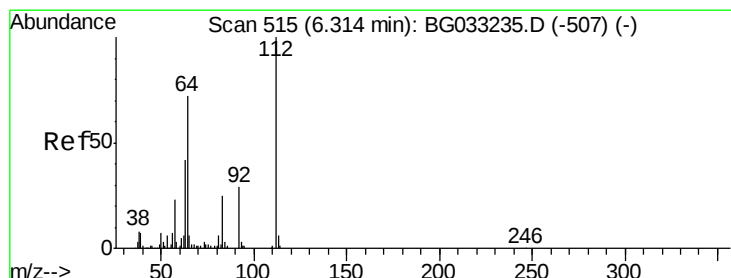
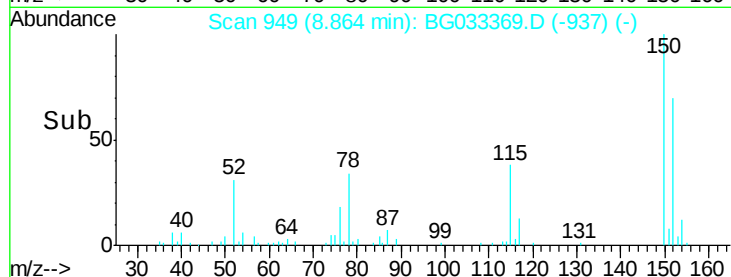
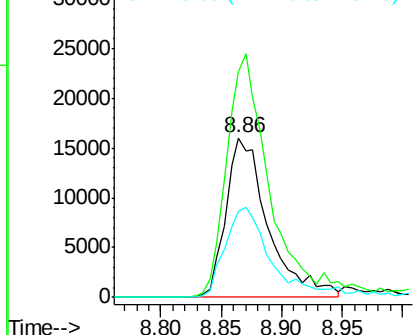
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.03 min
Lab File: BG033369.D
Acq: 27 Mar 2018 19:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 38761
Ion Ratio Lower Upper
152 100
150 141.9 126.6 189.8
115 54.4 53.0 79.4



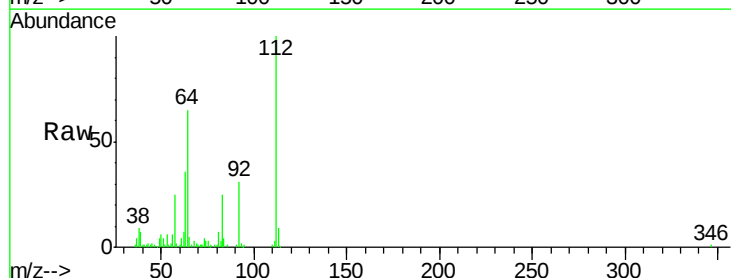
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



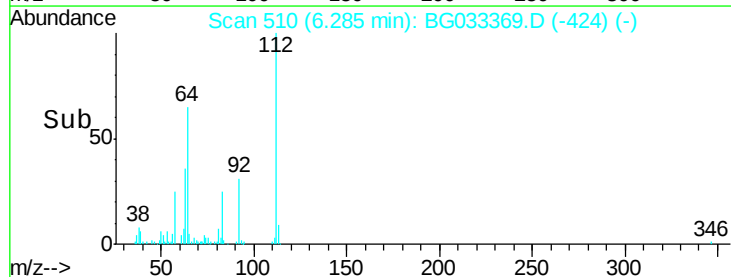
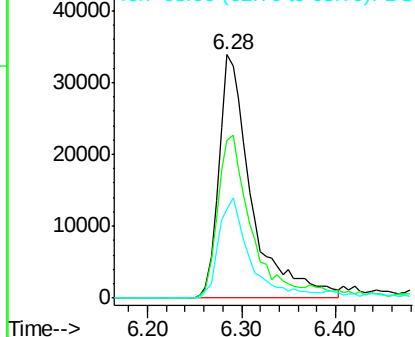
#5

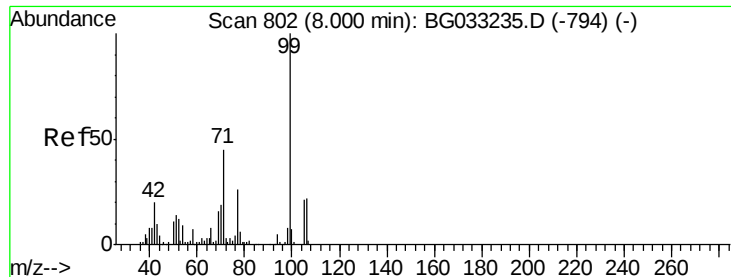
2-Fluorophenol
Concen: 39.749 ng
RT: 6.28 min Scan# 510
Delta R.T. -0.03 min
Lab File: BG033369.D
Acq: 27 Mar 2018 19:35

Tgt Ion:112 Resp: 82165
Ion Ratio Lower Upper
112 100
64 65.0 56.3 84.5
63 36.4 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 20.961 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.03 min

Lab File: BG033369.D

Acq: 27 Mar 2018 19:35

Instrument :

BNA_G

ClientSampleId :

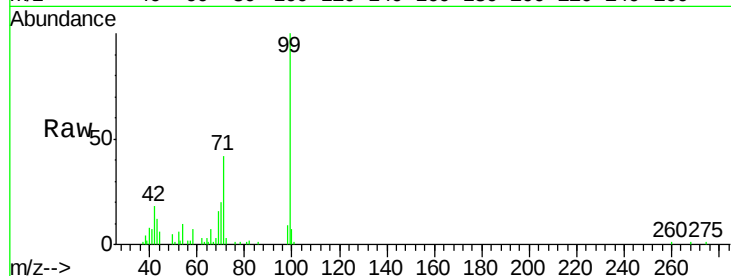
Tot Ion: 99 Resp: 74449

Ion Ratio Lower Upper

99 100

42 17.5 14.1 21.1

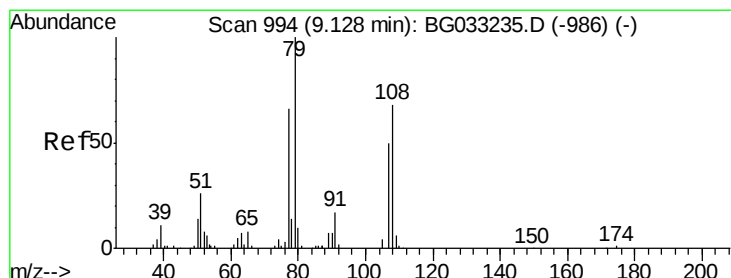
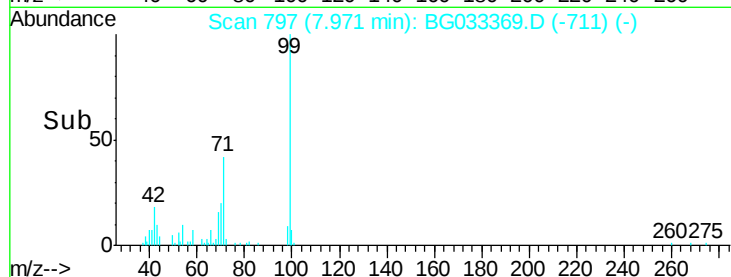
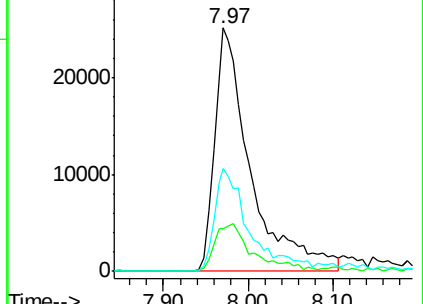
71 42.5 26.1 39.1#



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



#15

Benzyl Alcohol

Concen: 2.083 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.07 min

Lab File: BG033369.D

Acq: 27 Mar 2018 19:35

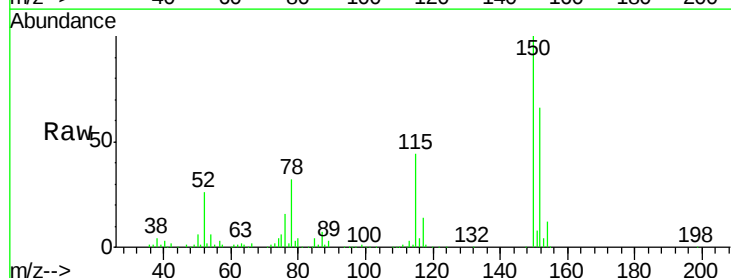
Tgt Ion: 79 Resp: 5824

Ion Ratio Lower Upper

79 100

108 17.7 57.2 85.8#

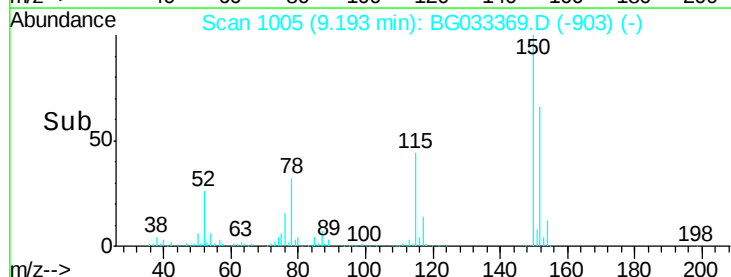
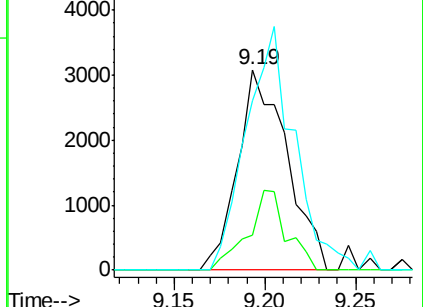
77 84.5 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

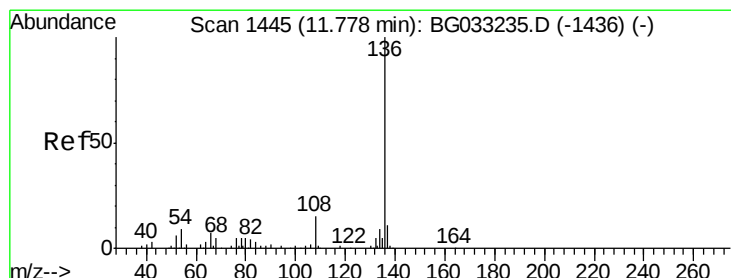
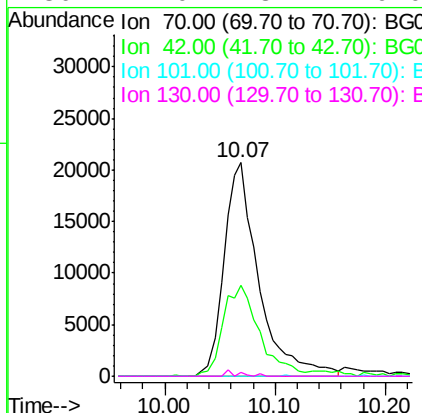
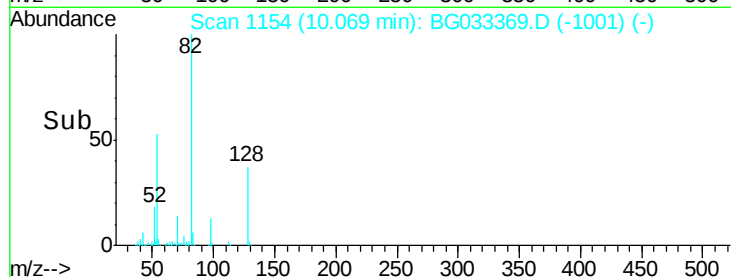
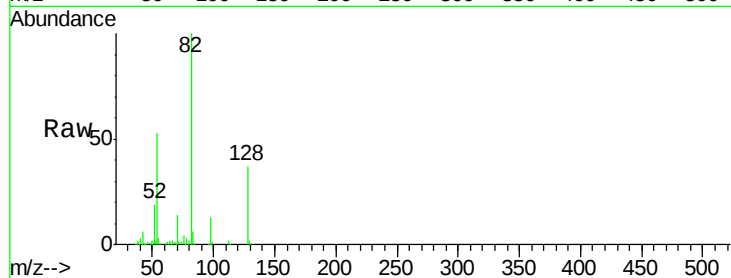




#19
n-Nitroso-di-n-propylamine
Concen: 17.429 ng
RT: 10.07 min Scan# 1154
Delta R.T. 0.37 min
Lab File: BG033369.D
Acq: 27 Mar 2018 19:35

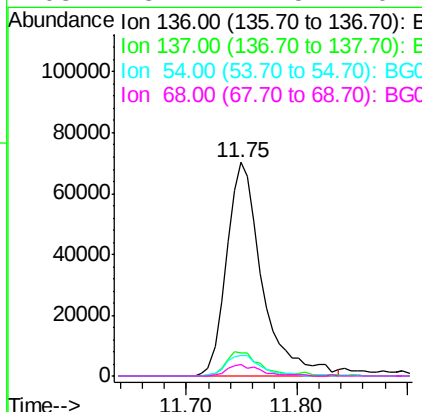
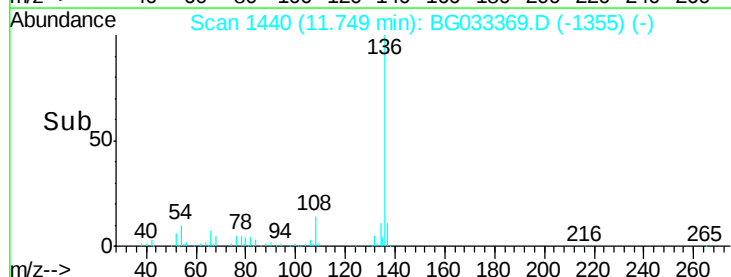
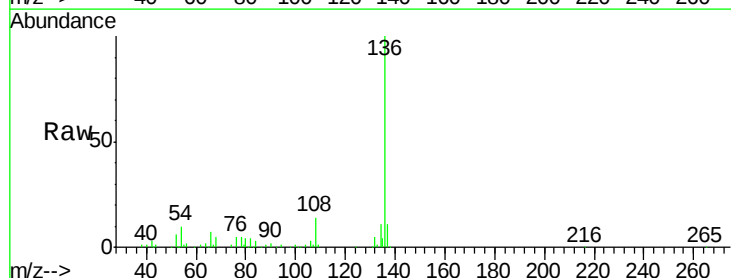
Instrument :
BNA_G
ClientSampleId :

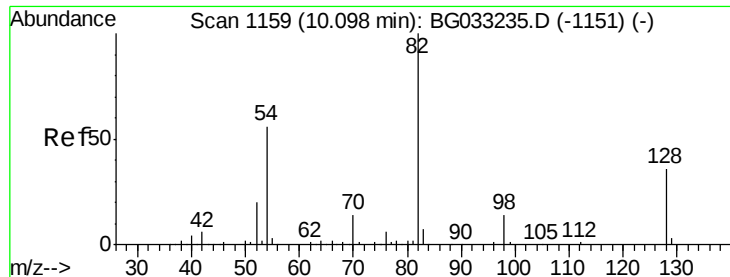
Tot Ion: 70 Resp: 45361
Ion Ratio Lower Upper
70 100
42 42.7 49.1 73.7#
101 0.0 8.5 12.7#
130 2.0 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.03 min
Lab File: BG033369.D
Acq: 27 Mar 2018 19:35

Tgt Ion: 136 Resp: 158206
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 9.8 10.3 15.5#
68 5.1 4.5 6.7

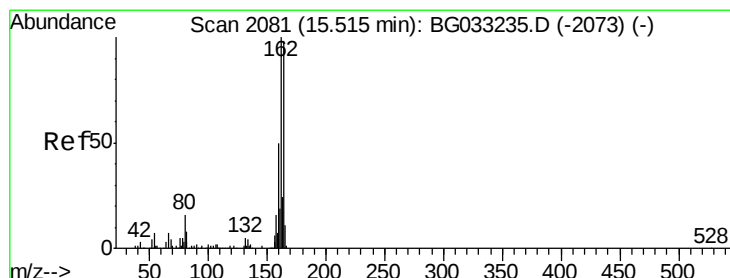
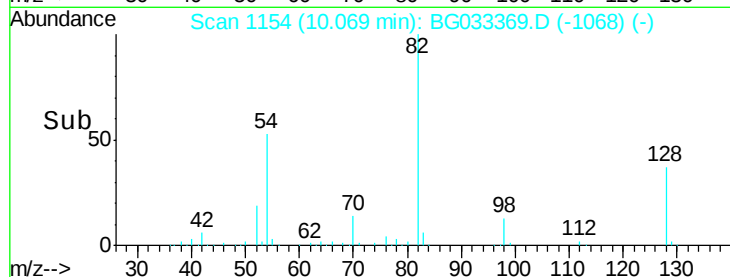
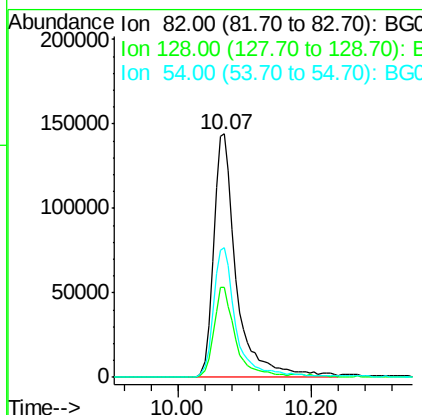
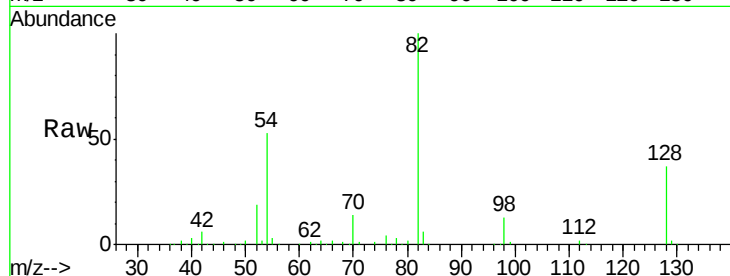




#23
Nitrobenzene-d5
Concen: 100.829 ng
RT: 10.07 min Scan# 1154
Delta R.T. -0.03 min
Lab File: BG033369.D
Acq: 27 Mar 2018 19:35

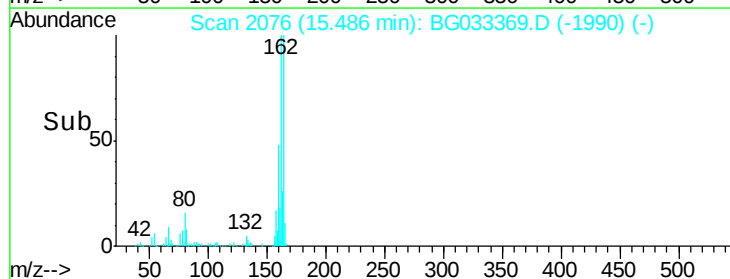
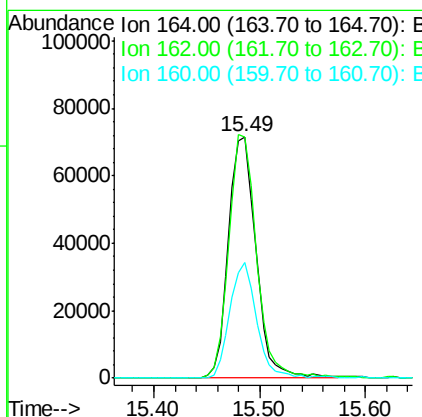
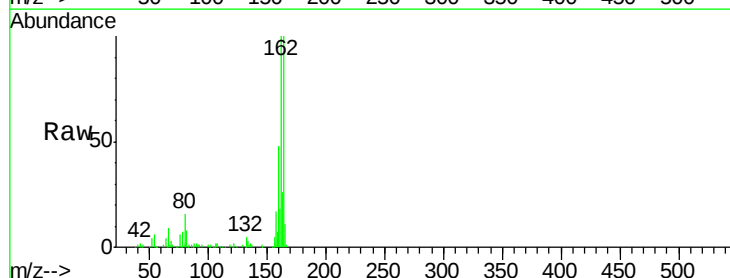
Instrument :
BNA_G
ClientSampleId :

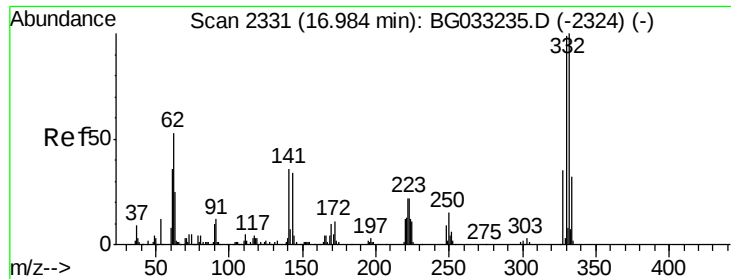
Tot Ion	82	Resp	347200
Ion Ratio	Lower	Upper	
82	100		
128	37.0	29.7	44.5
54	53.5	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.49 min Scan# 2076
Delta R.T. -0.03 min
Lab File: BG033369.D
Acq: 27 Mar 2018 19:35

Tgt Ion	164	Resp	129057
Ion Ratio	Lower	Upper	
164	100		
162	99.8	78.8	118.2
160	48.0	35.4	53.0

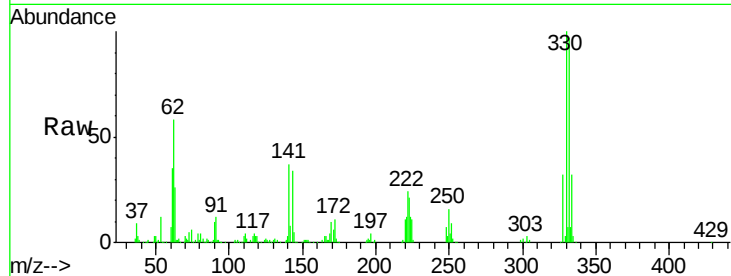




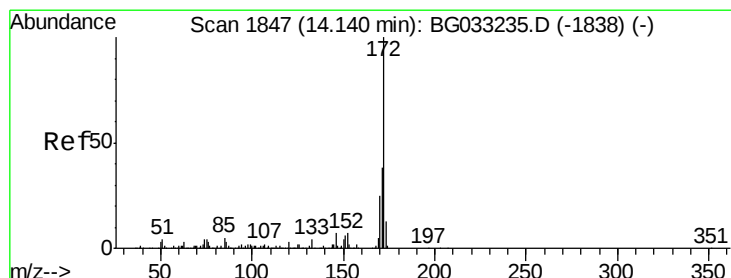
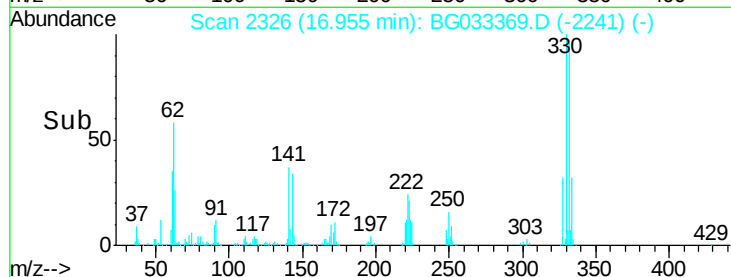
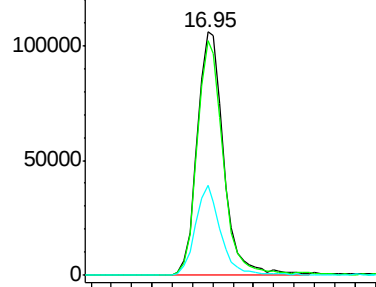
#41
 2,4,6-Tribromophenol
 Concen: 99.199 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.03 min
 Lab File: BG033369.D
 Acq: 27 Mar 2018 19:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.0	115.6
141	35.0	25.2	37.8

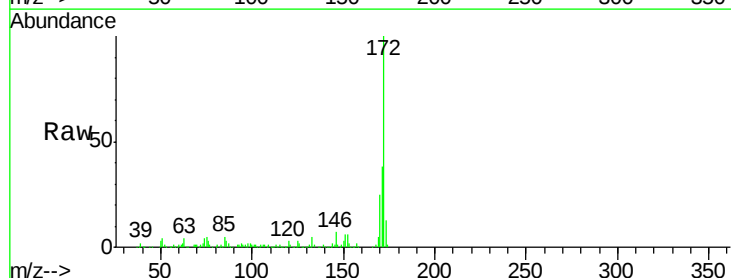


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

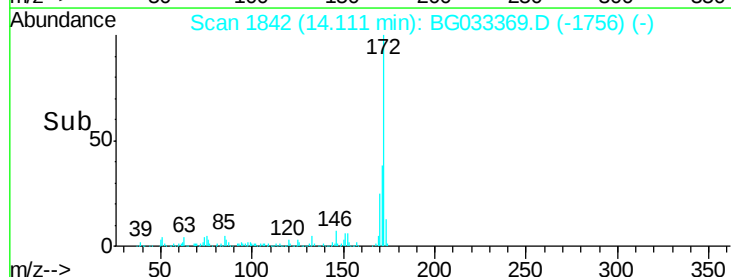
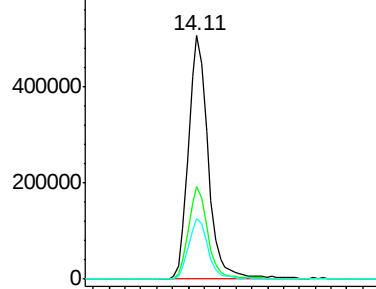


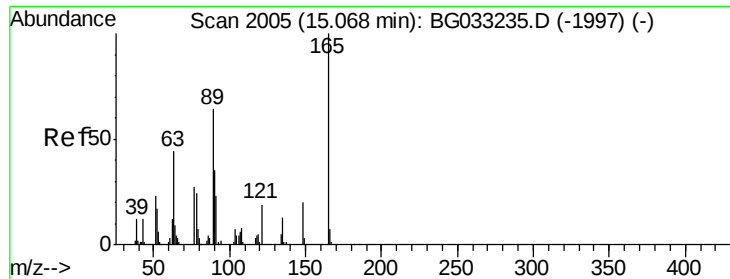
#44
 2-Fluorobiphenyl
 Concen: 98.230 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.03 min
 Lab File: BG033369.D
 Acq: 27 Mar 2018 19:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	24.9	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: 6.639 ng

RT: 15.48 min Scan# 2075

Delta R.T. 0.41 min

Lab File: BG033369.D

Acq: 27 Mar 2018 19:35

Instrument :

BNA_G

ClientSampleId :

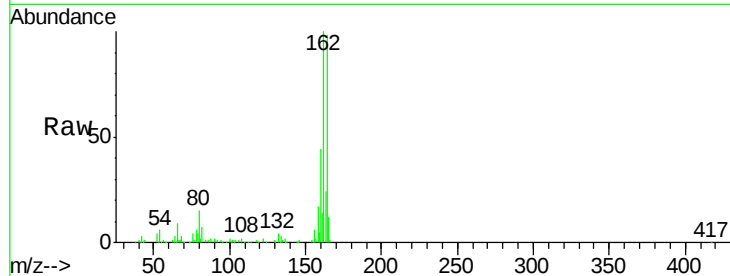
Tot Ion:165 Resp: 15246

Ion Ratio Lower Upper

165 100

63 1.9 52.7 79.1#

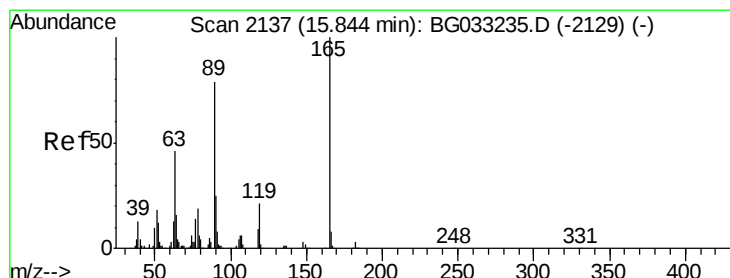
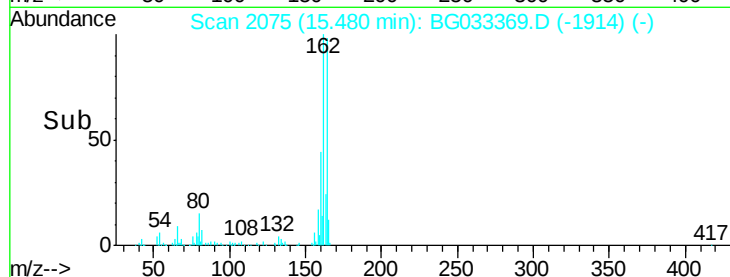
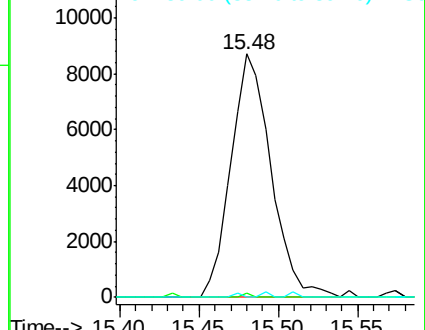
89 0.0 49.2 73.8#



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



#56

2,4-Dinitrotoluene

Concen: 4.509 ng

RT: 15.48 min Scan# 2075

Delta R.T. -0.37 min

Lab File: BG033369.D

Acq: 27 Mar 2018 19:35

Tgt Ion:165 Resp: 15246

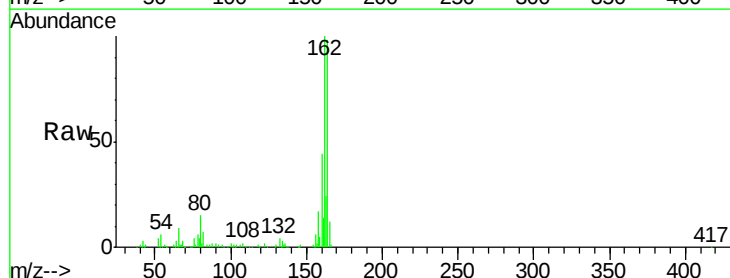
Ion Ratio Lower Upper

165 100

63 1.9 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#

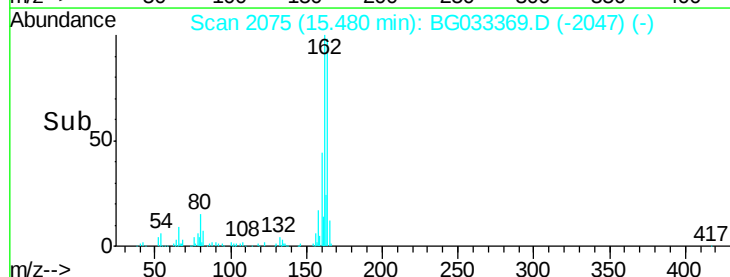
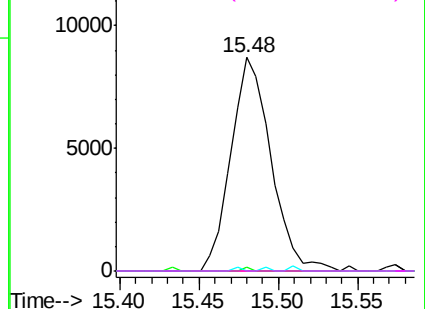


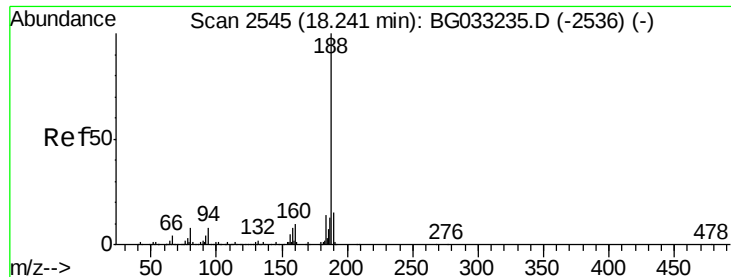
Abundance Ion 165.00 (164.70 to 165.70): E

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

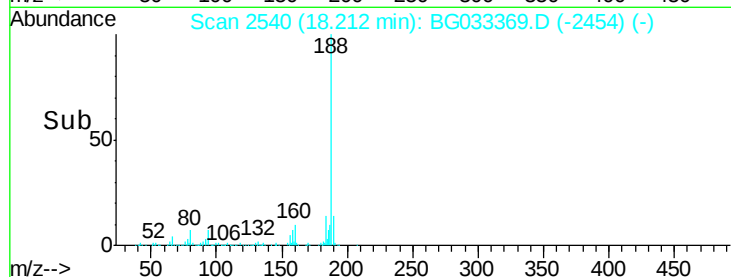
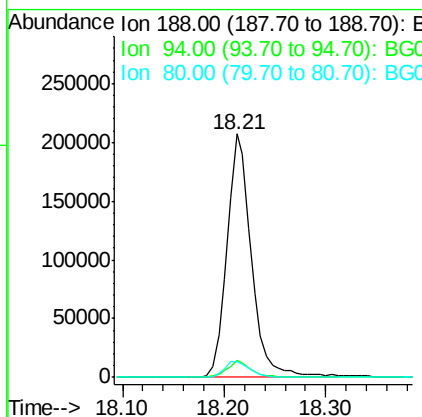
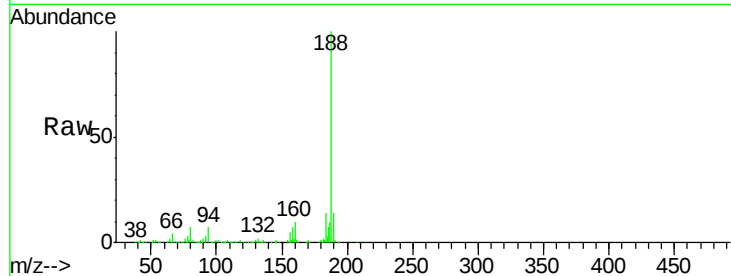




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.03 min
Lab File: BG033369.D
Acq: 27 Mar 2018 19:35

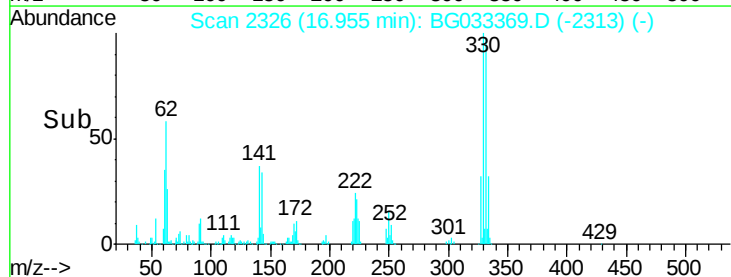
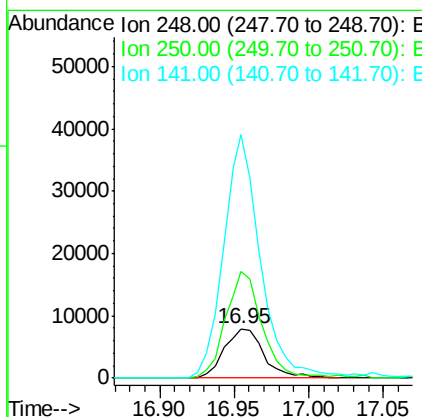
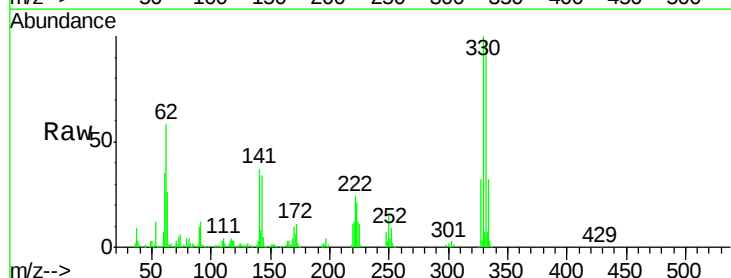
Instrument :
BNA_G
ClientSampleId :

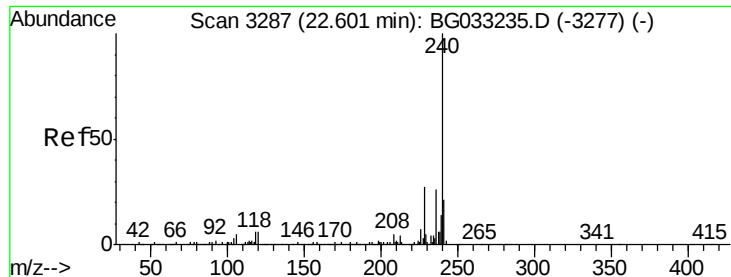
Tot Ion:188 Resp: 345390
Ion Ratio Lower Upper
188 100
94 6.8 6.9 10.3#
80 6.7 7.7 11.5#



#66
4-Bromophenyl-phenylether
Concen: 3.627 ng
RT: 16.95 min Scan# 2326
Delta R.T. -0.46 min
Lab File: BG033369.D
Acq: 27 Mar 2018 19:35

Tgt Ion:248 Resp: 14711
Ion Ratio Lower Upper
248 100
250 216.5 77.1 115.7#
141 492.0 50.8 76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3280

Delta R.T. -0.04 min

Lab File: BG033369.D

Acq: 27 Mar 2018 19:35

Instrument :

BNA_G

ClientSampleId :

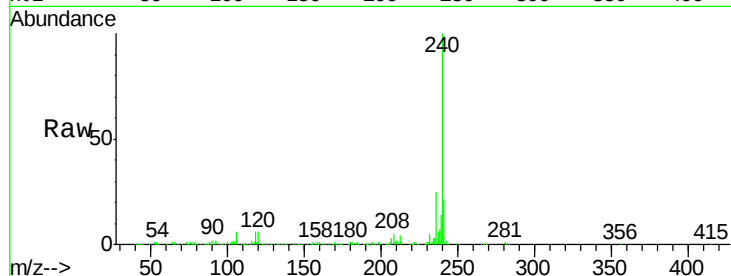
Tot Ion:240 Resp: 367636

Ion Ratio Lower Upper

240 100

120 6.3 6.8 10.2#

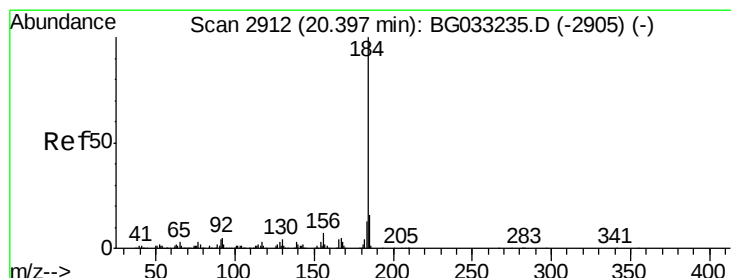
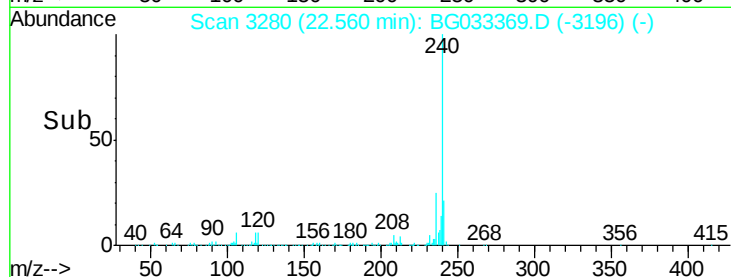
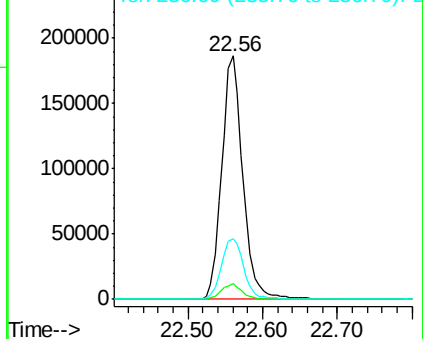
236 24.6 20.9 31.3



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



#76

Benzidine

Concen: 2.610 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.34 min

Lab File: BG033369.D

Acq: 27 Mar 2018 19:35

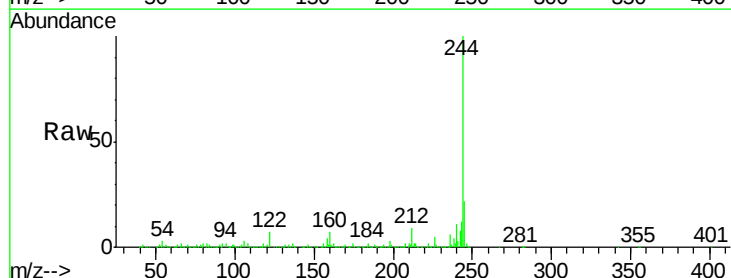
Tgt Ion:184 Resp: 26017

Ion Ratio Lower Upper

184 100

185 14.8 11.1 16.7

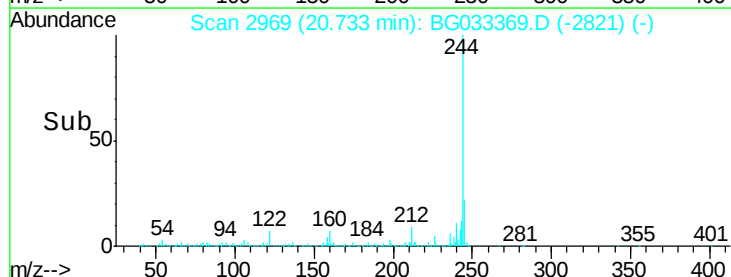
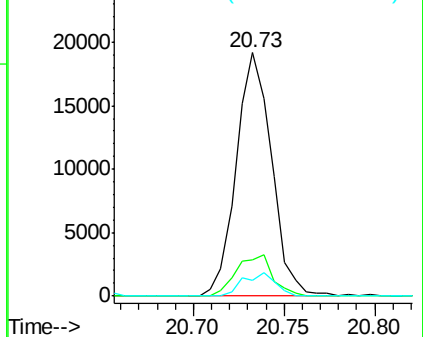
183 6.5 10.6 16.0#

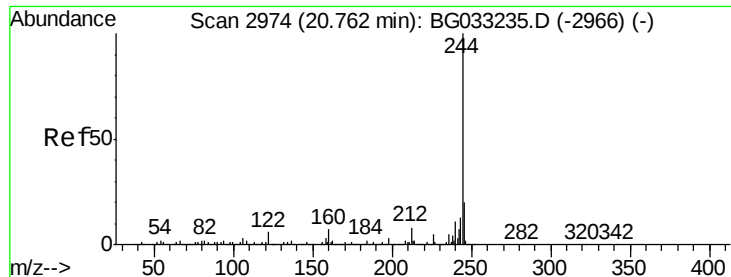


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 92.428 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.03 min

Lab File: BG033369.D

Acq: 27 Mar 2018 19:35

Instrument :

BNA_G

ClientSampleId :

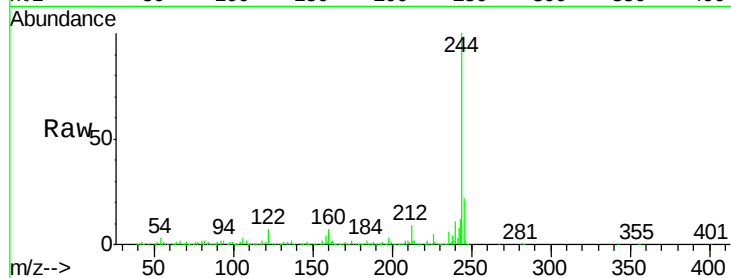
Tot Ion:244 Resp: 1588886

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

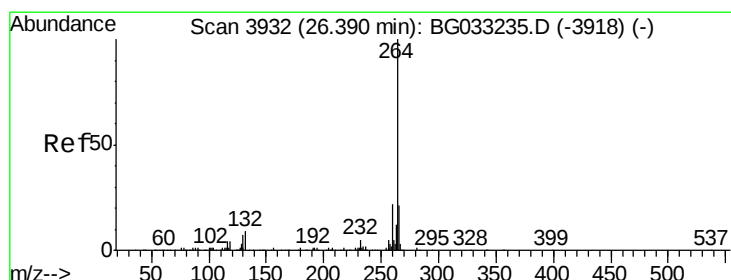
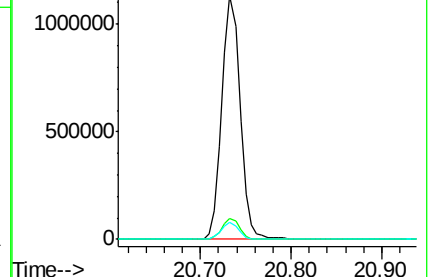
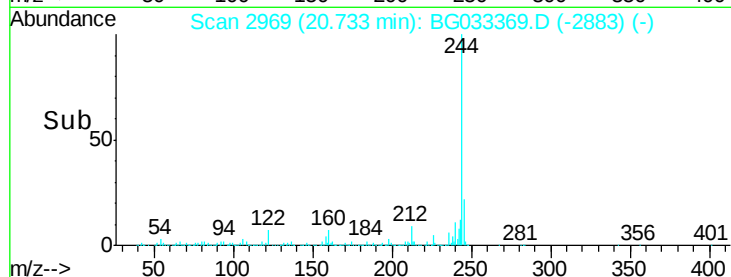
122 7.2 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 26.33 min Scan# 3921

Delta R.T. -0.06 min

Lab File: BG033369.D

Acq: 27 Mar 2018 19:35

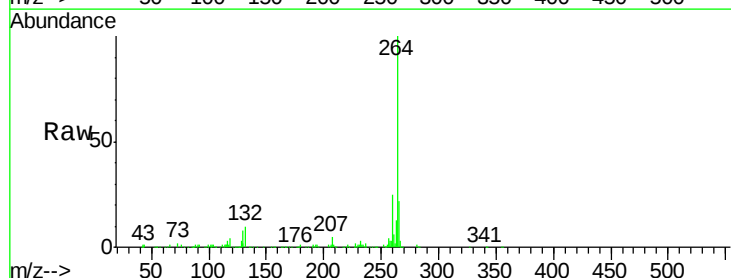
Tgt Ion:264 Resp: 385870

Ion Ratio Lower Upper

264 100

260 25.5 17.4 26.0

265 22.3 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

