

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032718\
 Data File : BG033366.D
 Acq On : 27 Mar 2018 17:42
 Operator : SJ/JU
 Sample : J2075-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 28 07:54:22 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

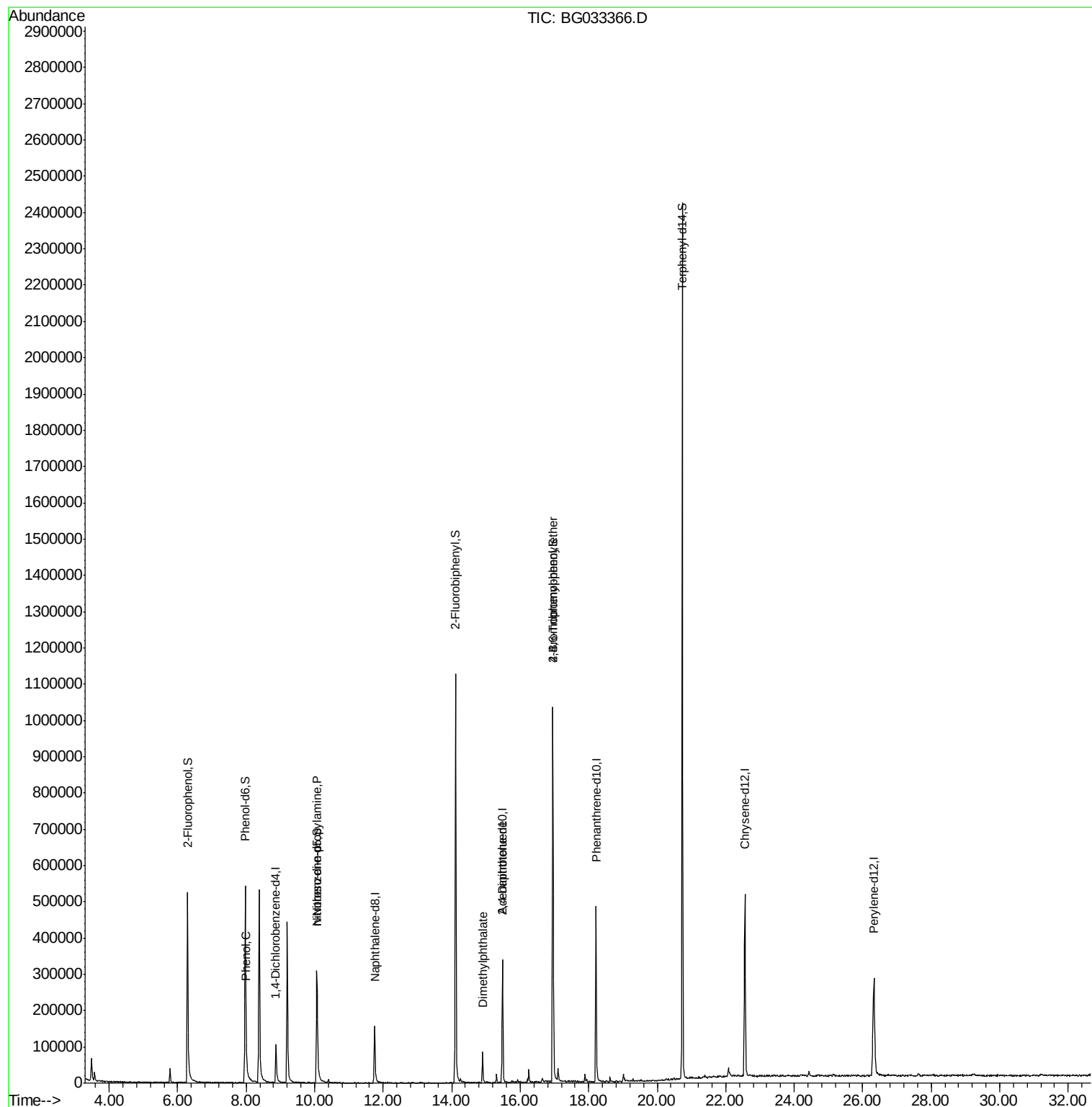
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	41266	20.00	ng	-0.03
21) Naphthalene-d8	11.74	136	167311	20.00	ng	-0.04
38) Acenaphthene-d10	15.48	164	130485	20.00	ng	-0.03
63) Phenanthrene-d10	18.21	188	350656	20.00	ng	-0.02
75) Chrysene-d12	22.56	240	367273	20.00	ng	-0.04
86) Perylene-d12	26.32	264	389005	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	266129	120.93	ng	-0.02
7) Phenol-d6	7.97	99	410375	108.53	ng	-0.02
23) Nitrobenzene-d5	10.06	82	265414	72.88	ng	-0.03
41) 2,4,6-Tribromophenol	16.96	330	228228	116.95	ng	-0.03
44) 2-Fluorobiphenyl	14.11	172	654039	72.36	ng	-0.02
78) Terphenyl-d14	20.73	244	1199046	69.82	ng	-0.02
Target Compounds						
10) Phenol	8.00	94	9926	2.659	ng	# 42
19) n-Nitroso-di-n-propylamine	10.06	70	35152	12.687	ng	# 81
49) Dimethylphthalate	14.90	163	60116	5.294	ng	# 97
56) 2,4-Dinitrotoluene	15.49	165	17277	5.054	ng	# 19
66) 4-Bromophenyl-phenylether	16.95	248	17181	4.172	ng	# 1

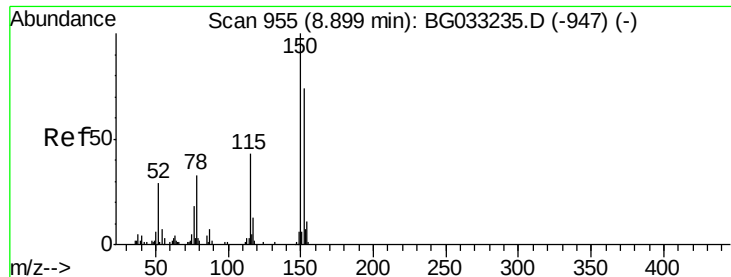
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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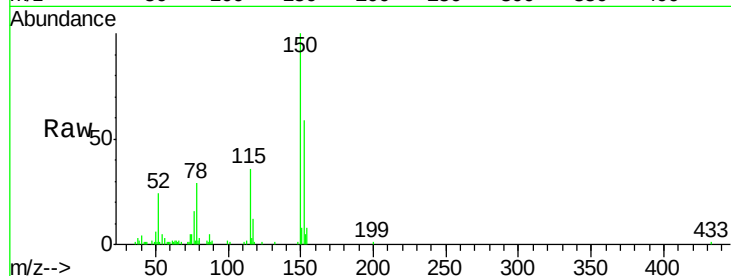


#1

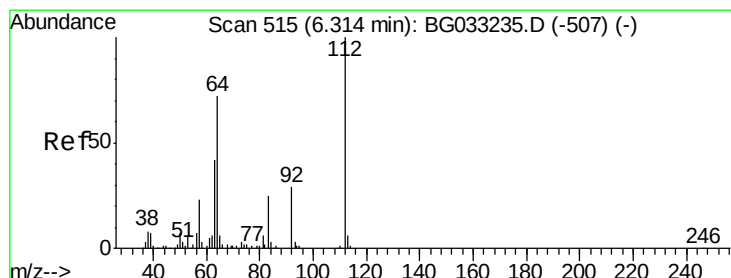
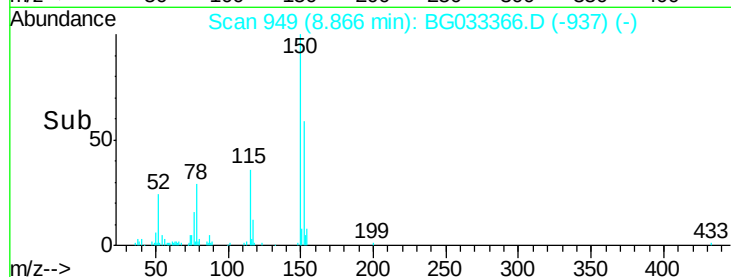
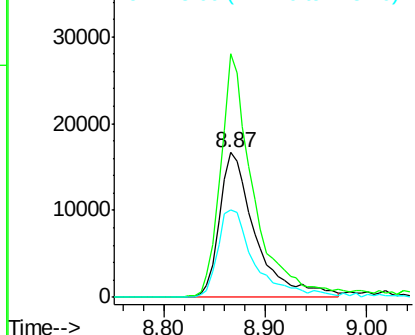
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 949
Delta R.T. -0.03 min
Lab File: BG033366.D
Acq: 27 Mar 2018 17:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	168.4	126.6	189.8
115	60.3	53.0	79.4



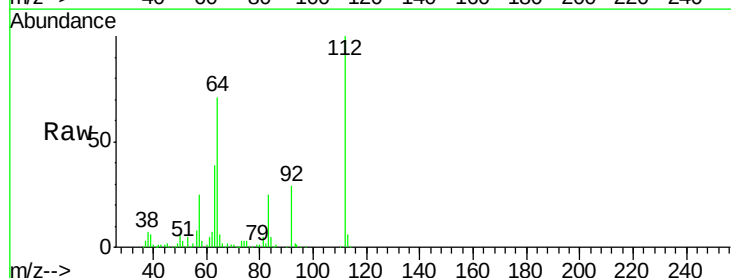
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



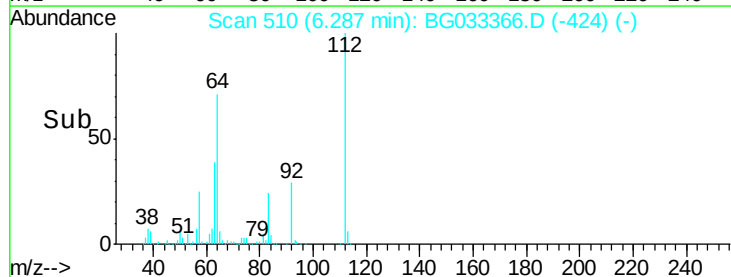
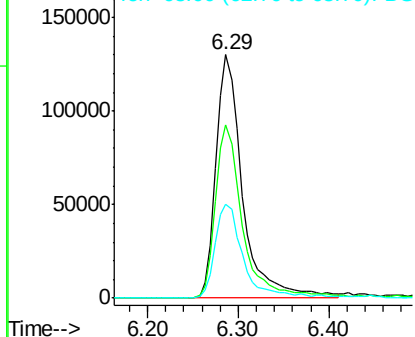
#5

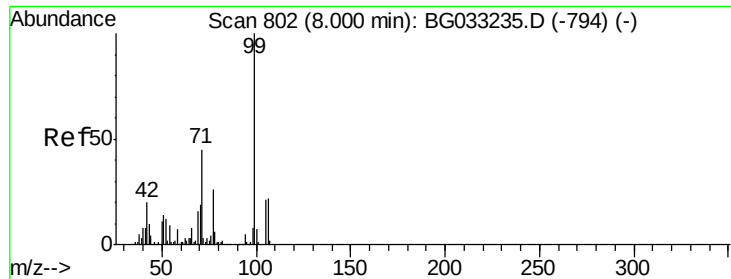
2-Fluorophenol
Concen: 120.929 ng
RT: 6.29 min Scan# 510
Delta R.T. -0.02 min
Lab File: BG033366.D
Acq: 27 Mar 2018 17:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.9	56.3	84.5
63	38.5	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: 108.528 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.02 min

Lab File: BG033366.D

Acq: 27 Mar 2018 17:42

Instrument :

BNA_G

ClientSampleId :

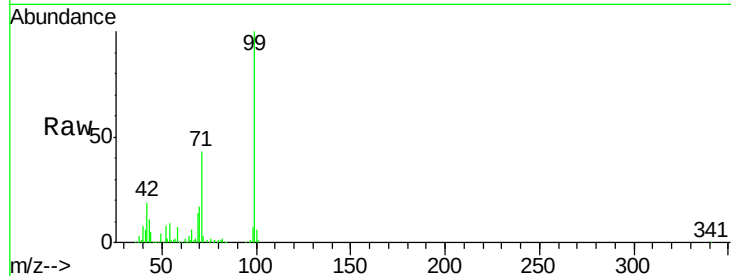
Tot Ion: 99 Resp: 410375

Ion Ratio Lower Upper

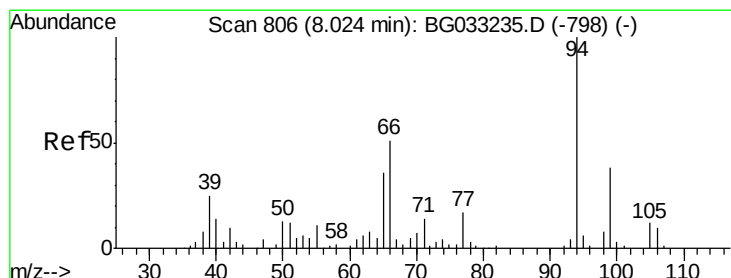
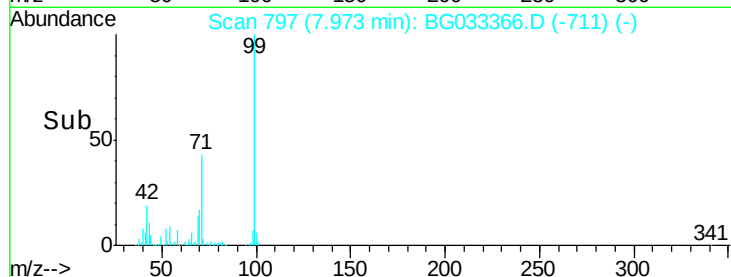
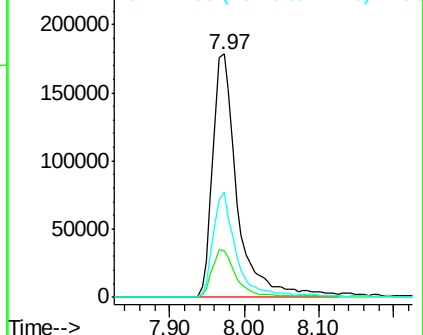
99 100

42 19.0 14.1 21.1

71 43.1 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: 2.659 ng

RT: 8.00 min Scan# 802

Delta R.T. -0.02 min

Lab File: BG033366.D

Acq: 27 Mar 2018 17:42

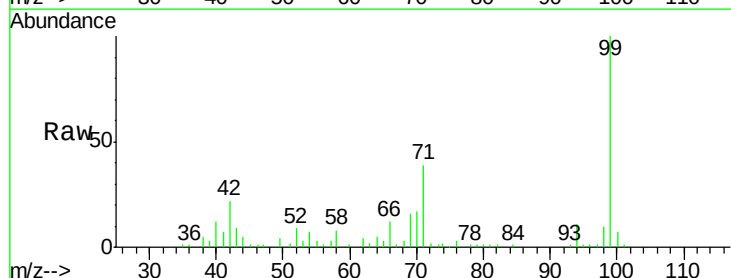
Tgt Ion: 94 Resp: 9926

Ion Ratio Lower Upper

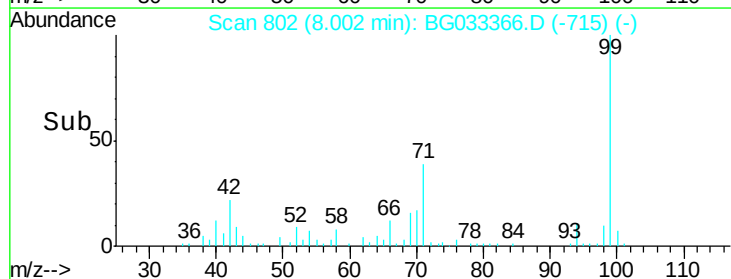
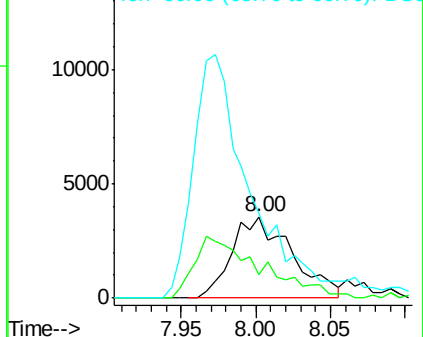
94 100

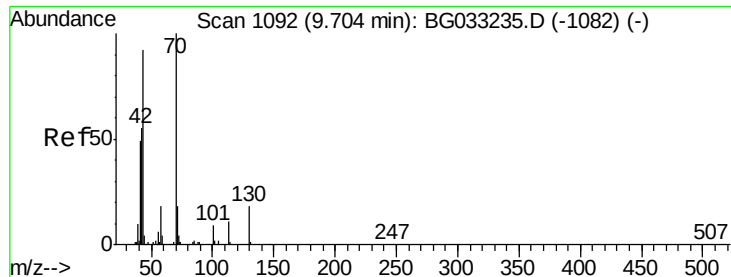
65 28.9 11.9 51.9

66 104.7 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

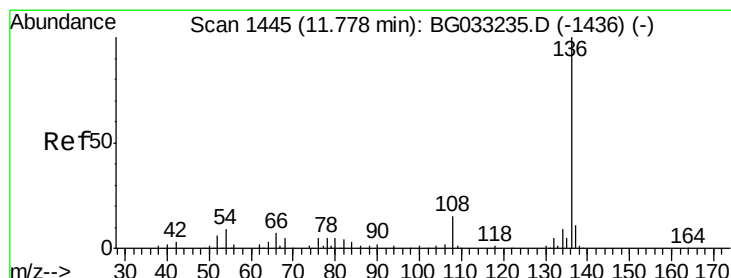
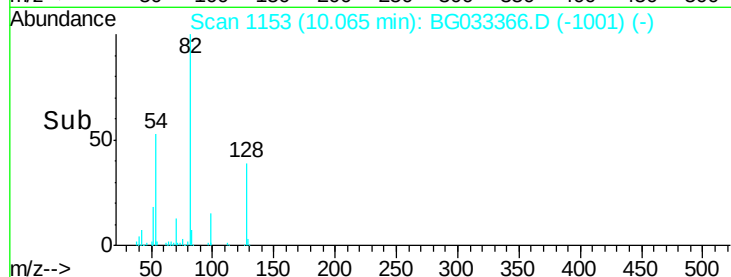
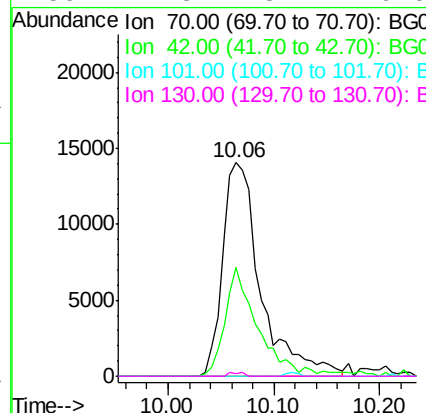
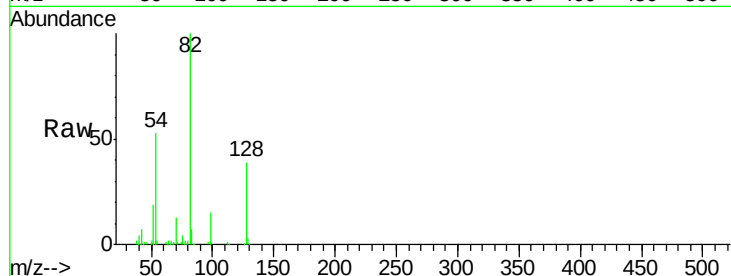




#19
 n-Nitroso-di-n-propylamine
 Concen: 12.687 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. 0.36 min
 Lab File: BG033366.D
 Acq: 27 Mar 2018 17:42

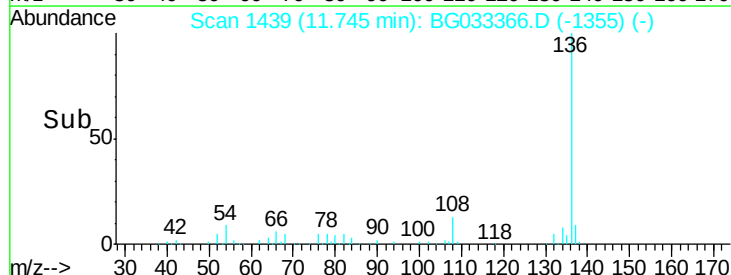
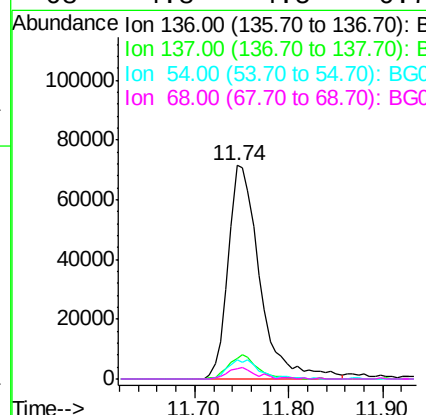
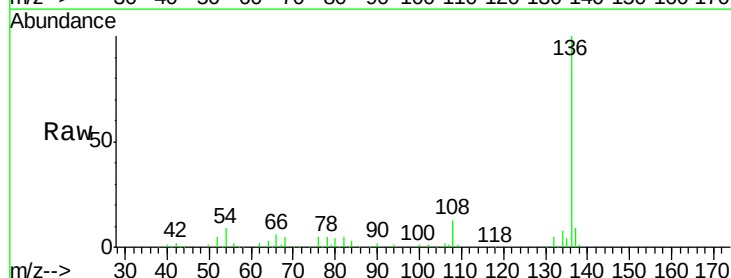
Instrument :
 BNA_G
 ClientSampleId :

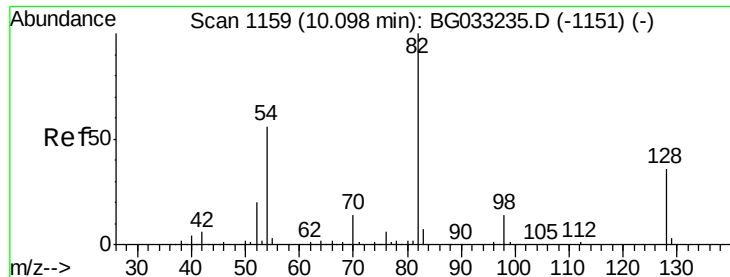
Tot Ion: 70 Resp: 35152
 Ion Ratio Lower Upper
 70 100
 42 51.0 49.1 73.7
 101 0.0 8.5 12.7#
 130 1.3 13.4 20.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 11.74 min Scan# 1439
 Delta R.T. -0.04 min
 Lab File: BG033366.D
 Acq: 27 Mar 2018 17:42

Tgt Ion: 136 Resp: 167311
 Ion Ratio Lower Upper
 136 100
 137 9.5 9.2 13.8
 54 8.9 10.3 15.5#
 68 4.8 4.5 6.7





#23

Nitrobenzene-d5

Concen: 72.883 ng

RT: 10.06 min Scan# 1153

Delta R.T. -0.03 min

Lab File: BG033366.D

Acq: 27 Mar 2018 17:42

Instrument :

BNA_G

ClientSampleId :

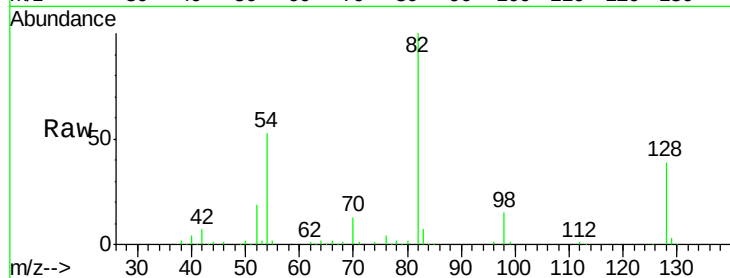
Tot Ion: 82 Resp: 265414

Ion Ratio Lower Upper

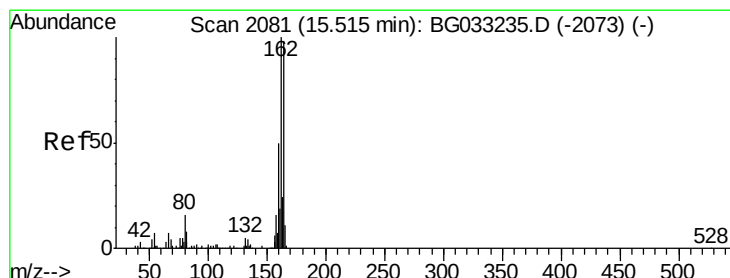
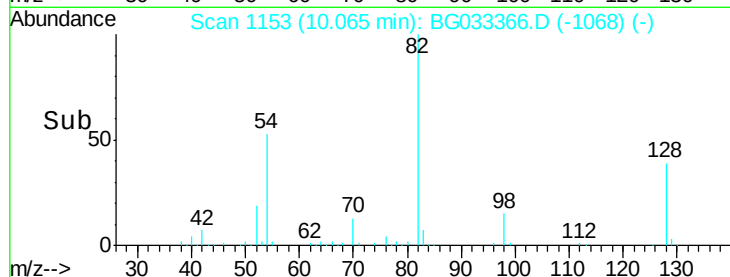
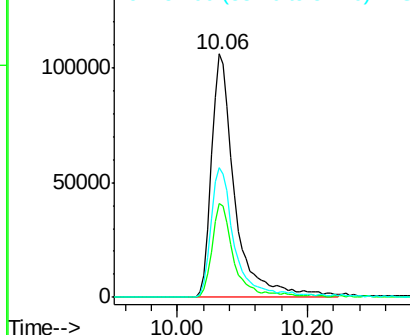
82 100

128 38.5 29.7 44.5

54 53.2 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: 15.48 min Scan# 2075

Delta R.T. -0.03 min

Lab File: BG033366.D

Acq: 27 Mar 2018 17:42

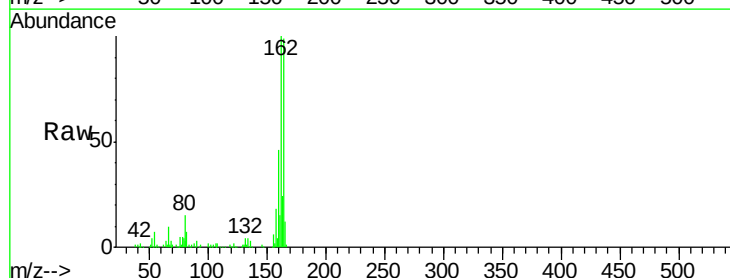
Tgt Ion:164 Resp: 130485

Ion Ratio Lower Upper

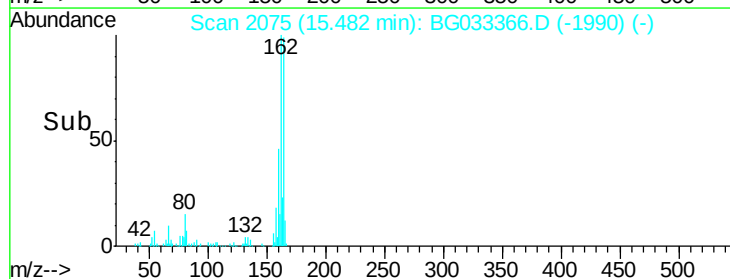
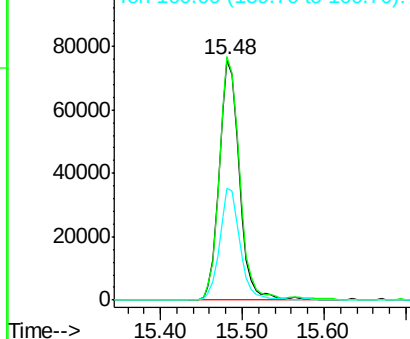
164 100

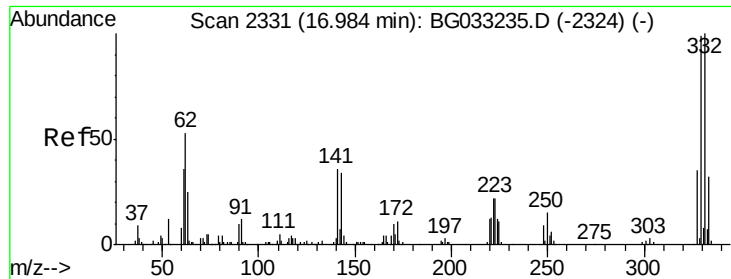
162 101.4 78.8 118.2

160 46.4 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

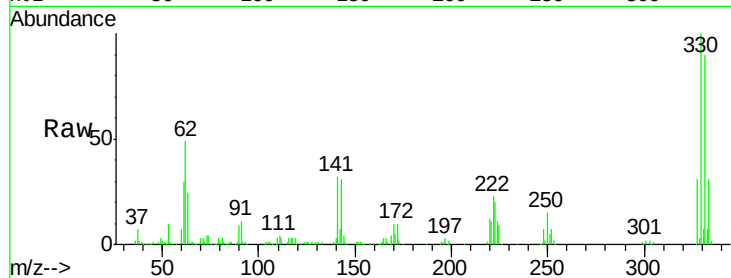




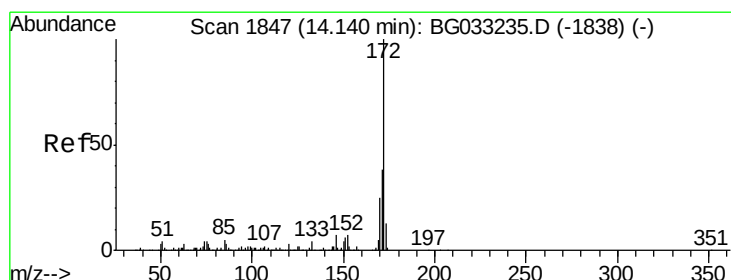
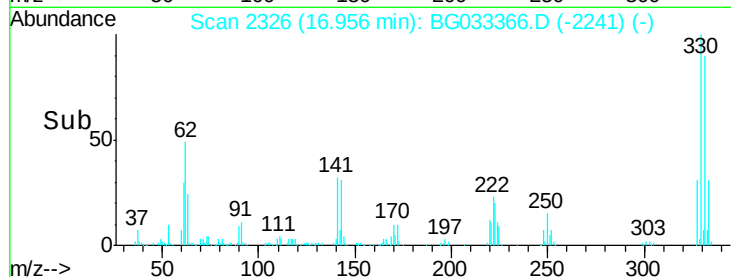
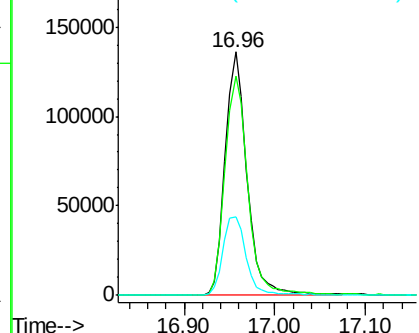
#41
 2,4,6-Tribromophenol
 Concen: 116.947 ng
 RT: 16.96 min Scan# 2326
 Delta R.T. -0.03 min
 Lab File: BG033366.D
 Acq: 27 Mar 2018 17:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	34.3	25.2	37.8

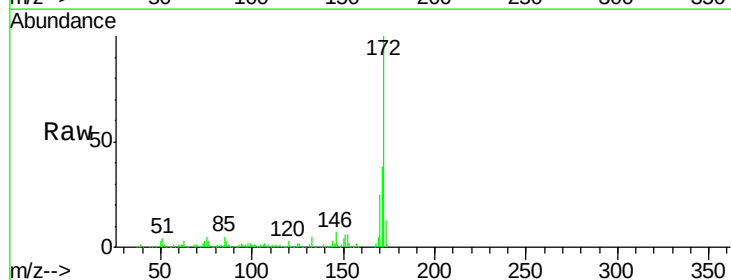


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

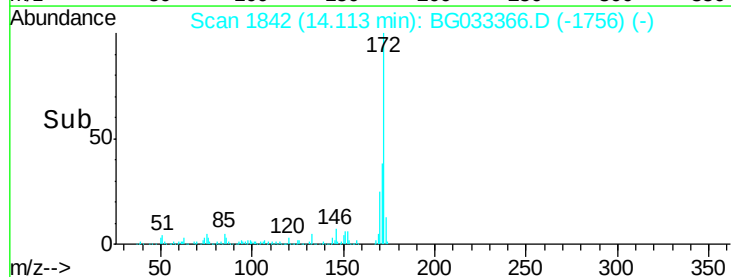
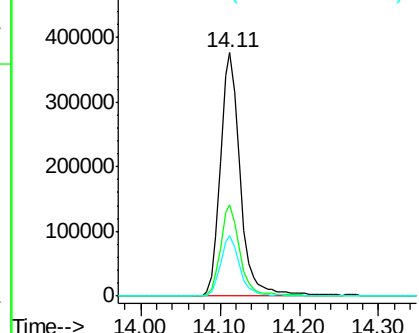


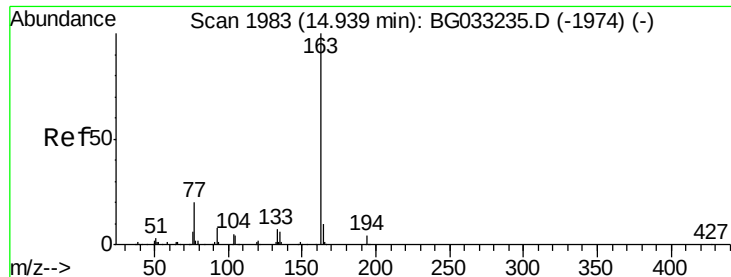
#44
 2-Fluorobiphenyl
 Concen: 72.360 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.02 min
 Lab File: BG033366.D
 Acq: 27 Mar 2018 17:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	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





#49

Dimethylphthalate

Concen: 5.294 ng

RT: 14.90 min Scan# 1976

Delta R.T. -0.04 min

Lab File: BG033366.D

Acq: 27 Mar 2018 17:42

Instrument :

BNA_G

ClientSampleId :

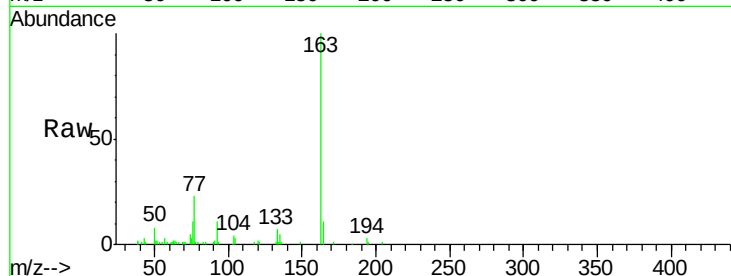
Tot Ion:163 Resp: 60116

Ion Ratio Lower Upper

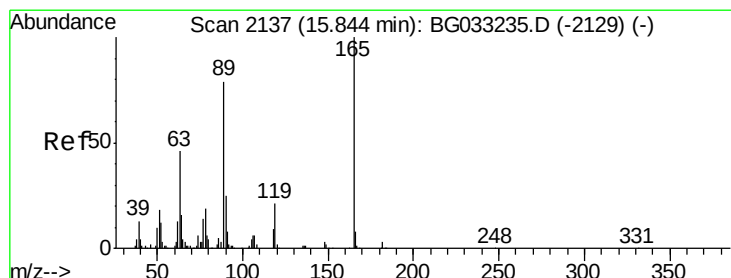
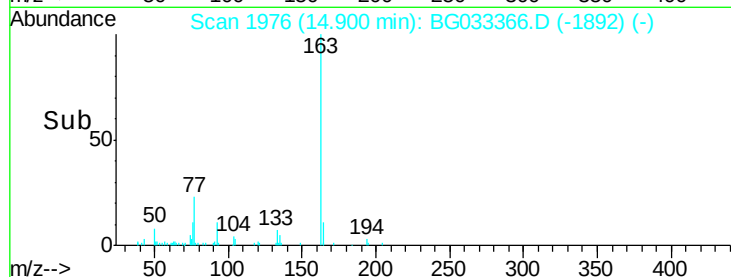
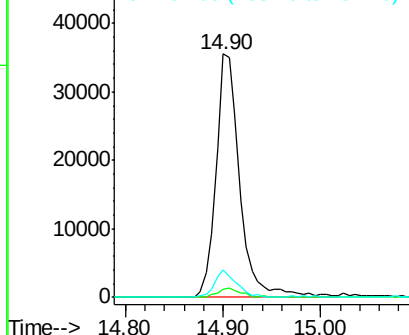
163 100

194 3.3 3.4 5.2#

164 11.1 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 5.054 ng

RT: 15.49 min Scan# 2076

Delta R.T. -0.36 min

Lab File: BG033366.D

Acq: 27 Mar 2018 17:42

Tgt Ion:165 Resp: 17277

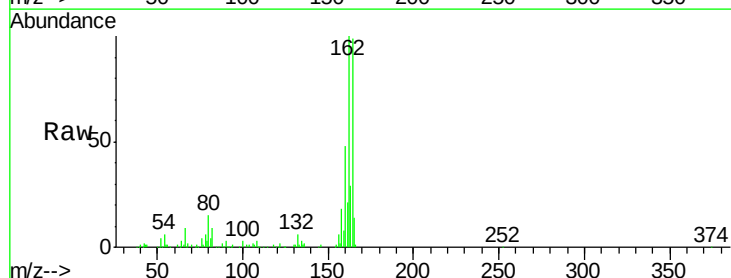
Ion Ratio Lower Upper

165 100

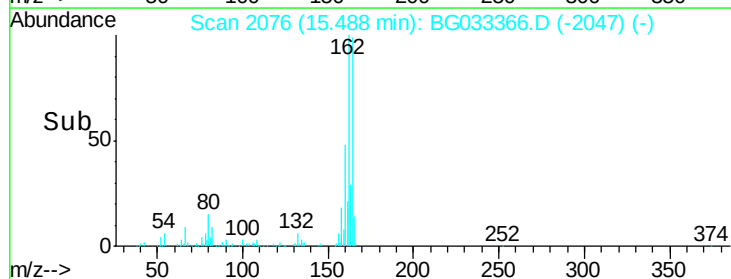
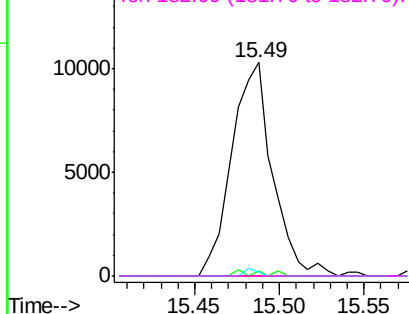
63 2.1 42.0 63.0#

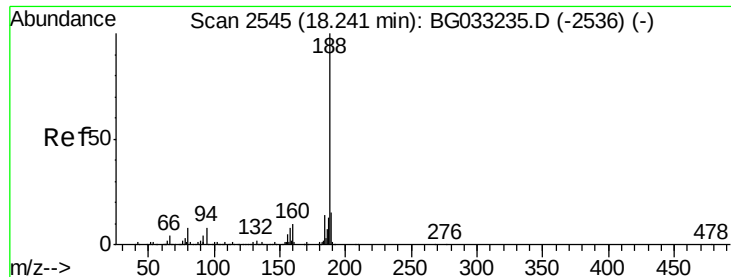
89 1.9 66.9 100.3#

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

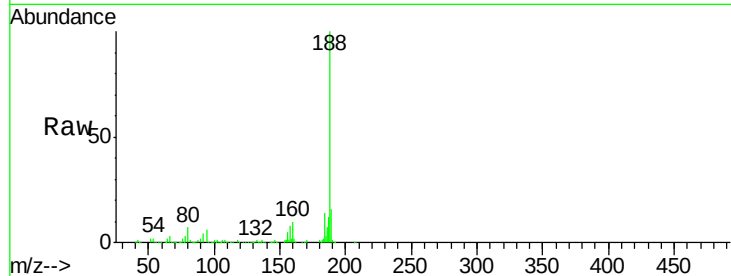




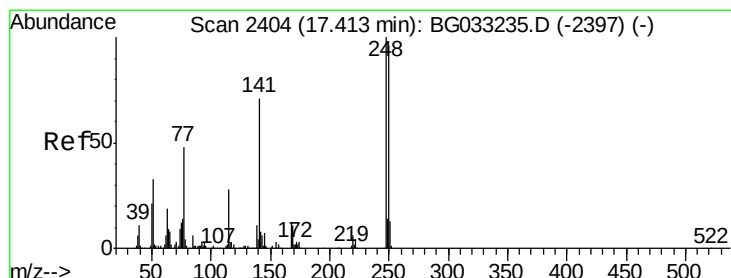
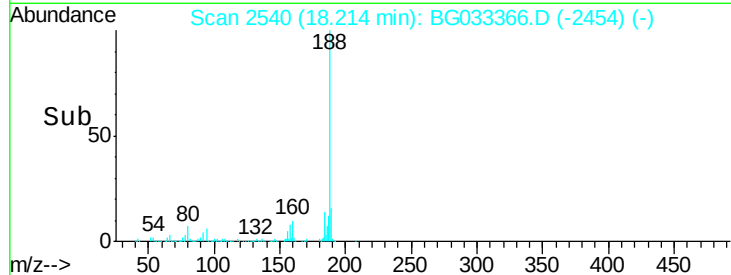
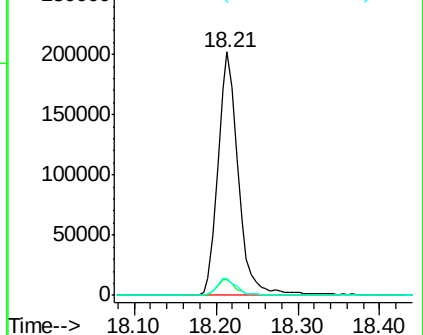
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.02 min
Lab File: BG033366.D
Acq: 27 Mar 2018 17:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.2	6.9	10.3#
80	7.2	7.7	11.5#

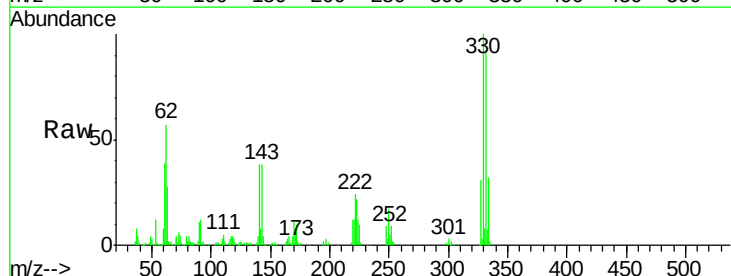


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

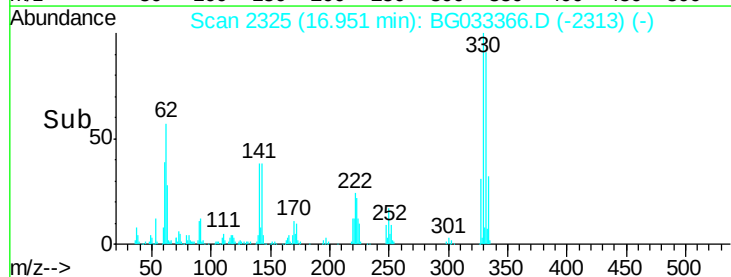
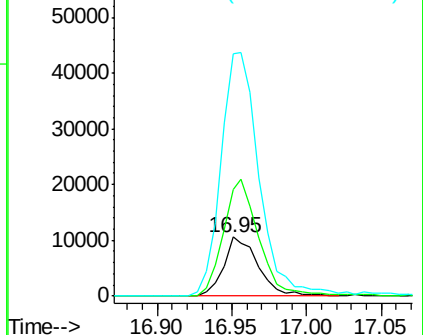


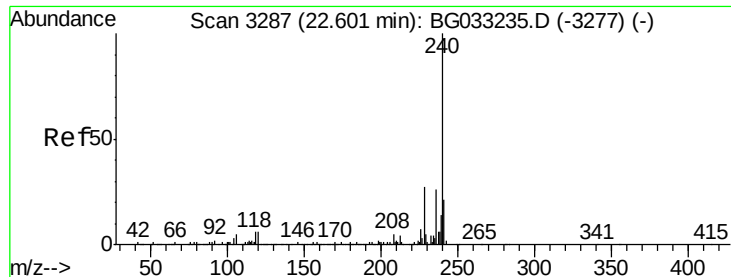
#66
4-Bromophenyl-phenylether
Concen: 4.172 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.46 min
Lab File: BG033366.D
Acq: 27 Mar 2018 17:42

Tgt Ion	Ratio	Lower	Upper
248	100		
250	180.7	77.1	115.7#
141	411.9	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. -0.04 min

Lab File: BG033366.D

Acq: 27 Mar 2018 17:42

Instrument :

BNA_G

ClientSampleId :

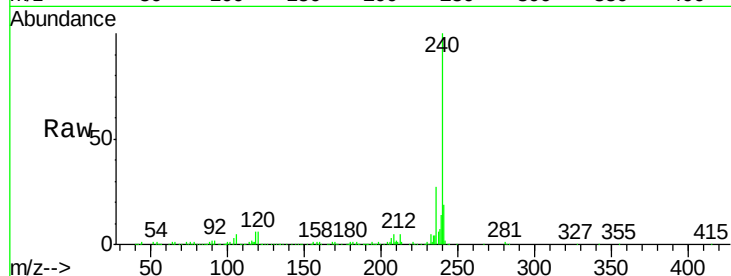
Tot Ion:240 Resp: 367273

Ion Ratio Lower Upper

240 100

120 5.8 6.8 10.2#

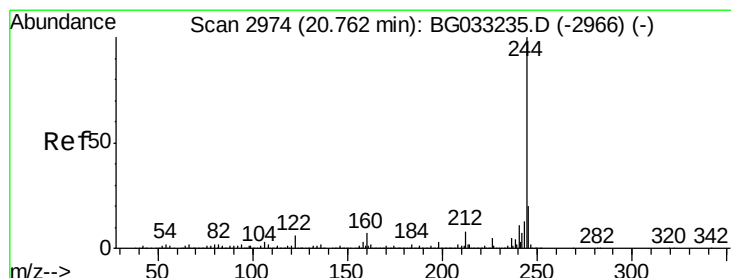
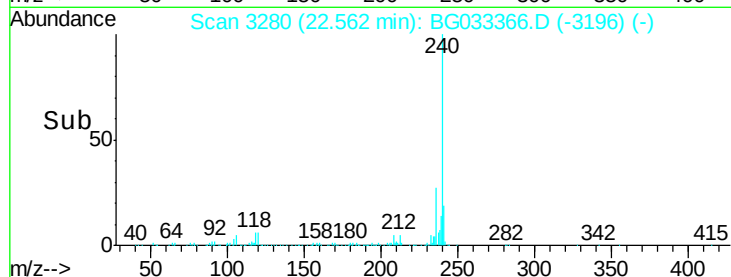
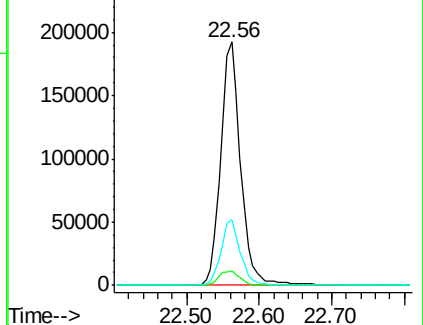
236 27.0 20.9 31.3



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: 69.820 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.02 min

Lab File: BG033366.D

Acq: 27 Mar 2018 17:42

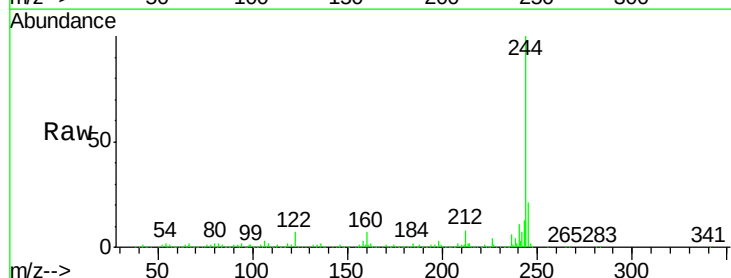
Tgt Ion:244 Resp: 1199046

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

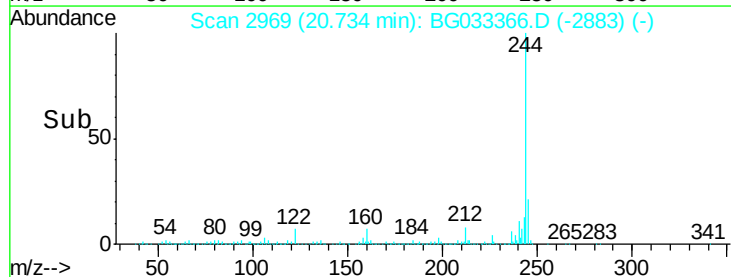
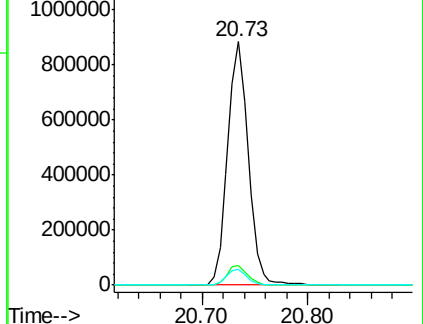
122 6.7 7.0 10.4#

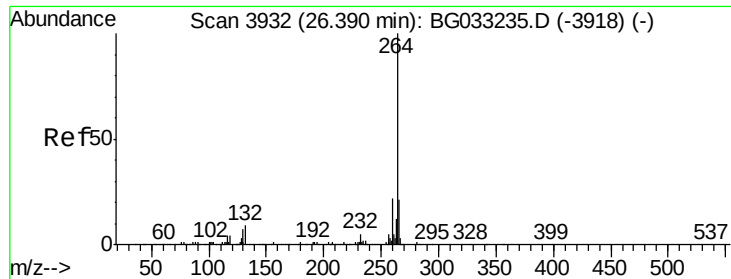


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

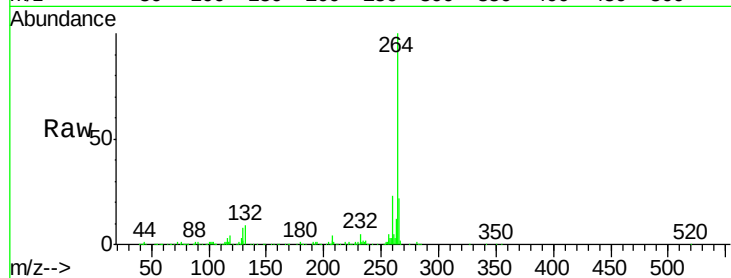




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.32 min Scan# 3920
Delta R.T. -0.07 min
Lab File: BG033366.D
Acq: 27 Mar 2018 17:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	21.5	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

