

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062618\
 Data File : BG035424.D
 Acq On : 27 Jun 2018 00:04
 Operator : JU/SJ
 Sample : J3688-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 27 02:55:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

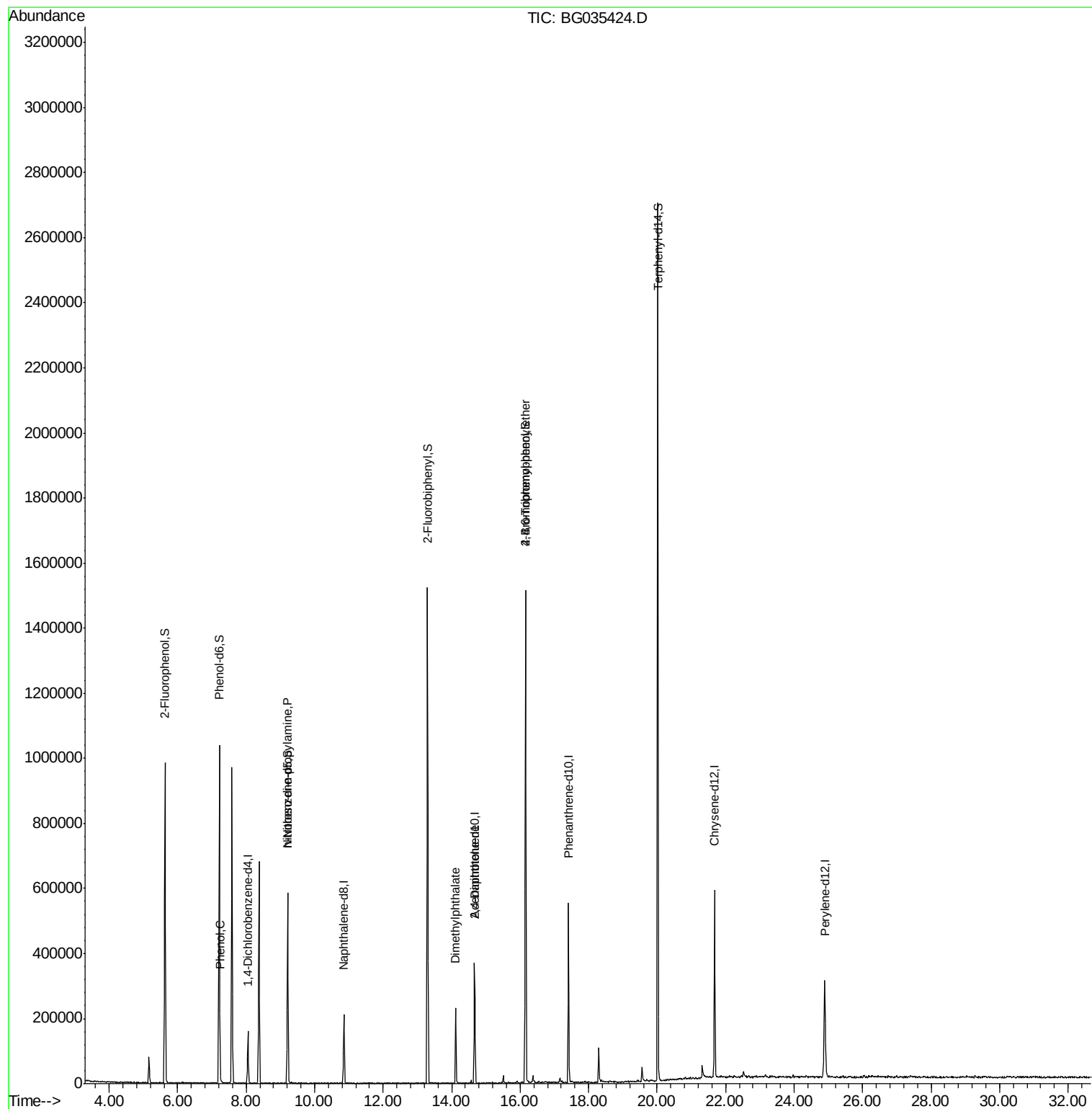
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	47468	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	180202	20.00	ng	-0.03
38) Acenaphthene-d10	14.68	164	130834	20.00	ng	-0.02
63) Phenanthrene-d10	17.41	188	348322	20.00	ng	-0.03
75) Chrysene-d12	21.68	240	367711	20.00	ng	-0.04
86) Perylene-d12	24.89	264	346241	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	420264	149.41	ng	-0.02
7) Phenol-d6	7.21	99	625767	150.74	ng	0.00
23) Nitrobenzene-d5	9.21	82	386475	101.95	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	283193	169.09	ng	-0.03
44) 2-Fluorobiphenyl	13.29	172	823977	81.87	ng	-0.03
78) Terphenyl-d14	20.02	244	1330036	75.77	ng	-0.03
Target Compounds						
10) Phenol	7.24	94	10119	2.355	ng	90
19) n-Nitroso-di-n-propylamine	9.21	70	52521	14.891	ng	# 70
49) Dimethylphthalate	14.12	163	149274	13.084	ng	99
56) 2,4-Dinitrotoluene	14.67	165	18246	6.599	ng	# 19
66) 4-Bromophenyl-phenylether	16.16	248	22817	5.440	ng	# 1

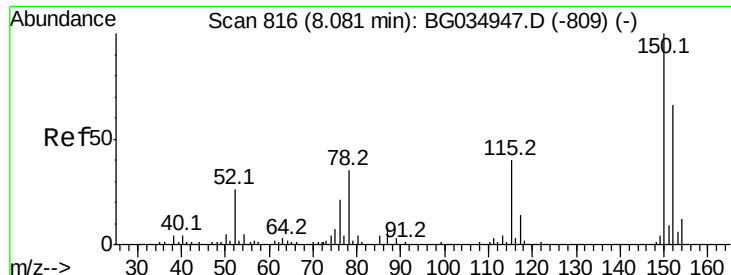
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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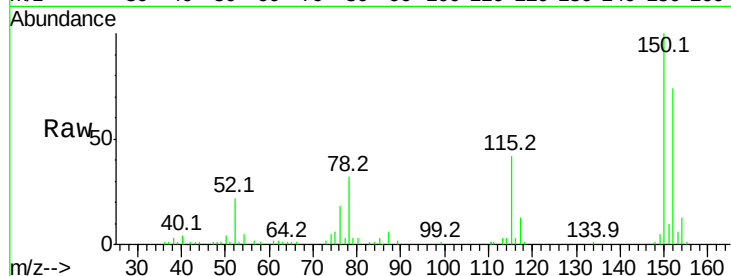


#1

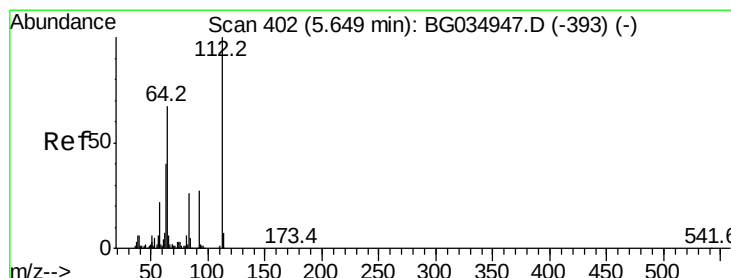
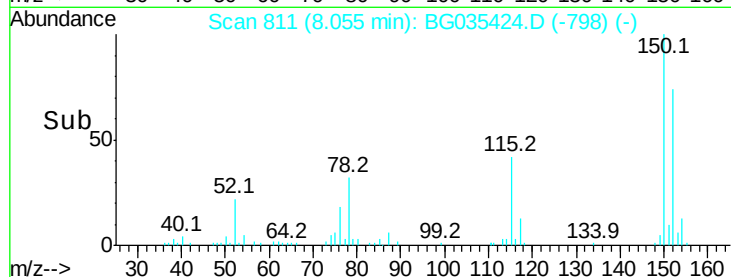
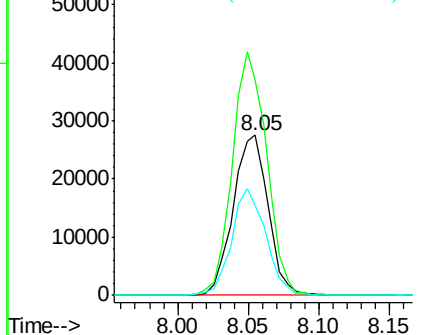
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035424.D
Acq: 27 Jun 2018 00:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 47468
Ion Ratio Lower Upper
152 100
150 134.7 126.6 189.8
115 55.9 53.0 79.4



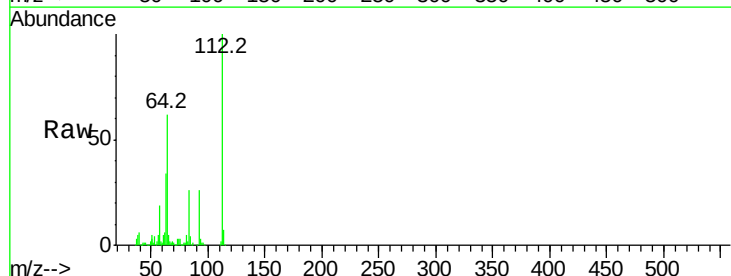
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



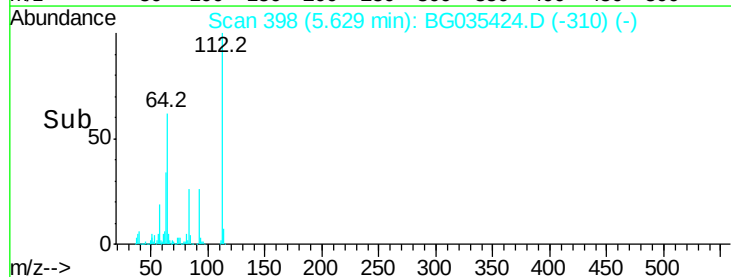
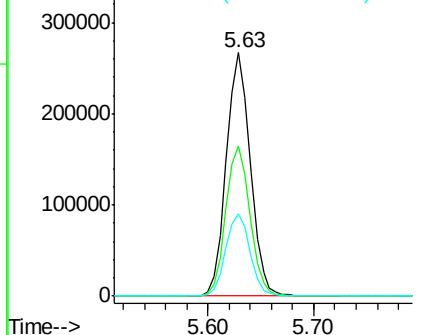
#5

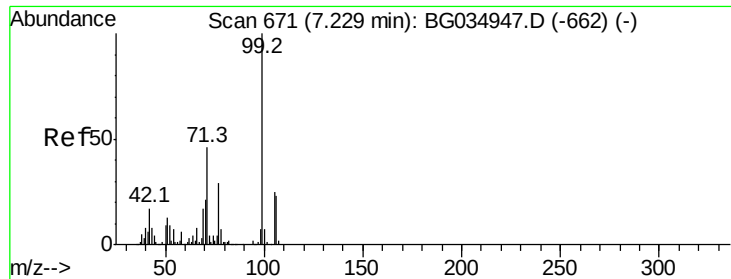
2-Fluorophenol
Concen: 149.414 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.02 min
Lab File: BG035424.D
Acq: 27 Jun 2018 00:04

Tgt Ion:112 Resp: 420264
Ion Ratio Lower Upper
112 100
64 61.6 56.3 84.5
63 33.7 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: 150.735 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035424.D

Acq: 27 Jun 2018 00:04

Instrument :

BNA_G

ClientSampled :

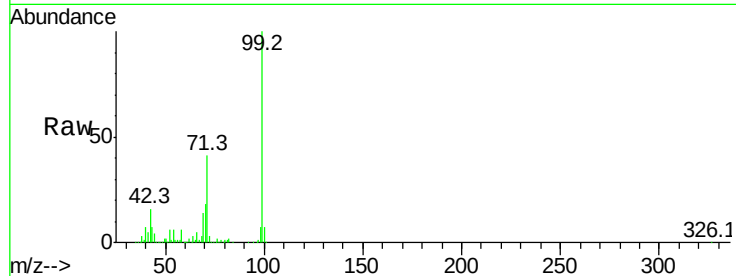
Tot Ion: 99 Resp: 625767

Ion Ratio Lower Upper

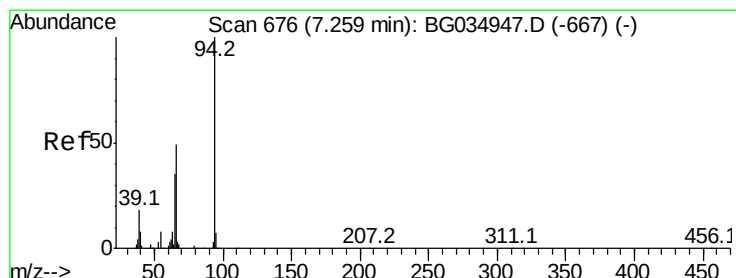
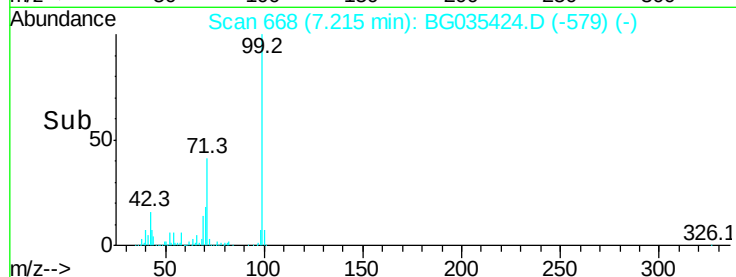
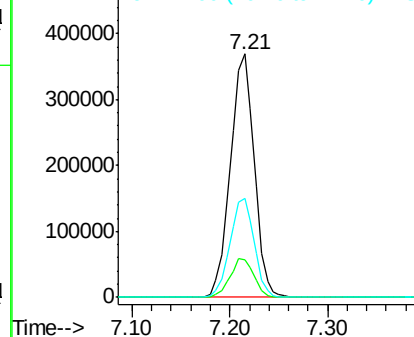
99 100

42 15.6 14.1 21.1

71 40.7 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: 2.355 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.02 min

Lab File: BG035424.D

Acq: 27 Jun 2018 00:04

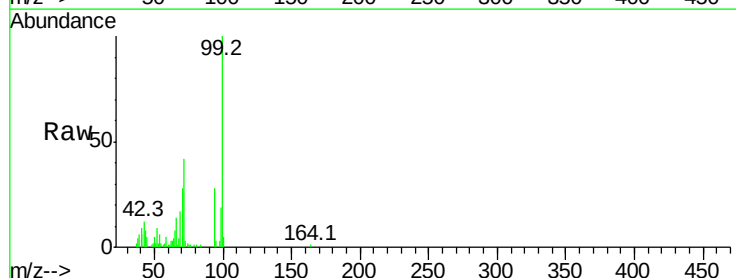
Tgt Ion: 94 Resp: 10119

Ion Ratio Lower Upper

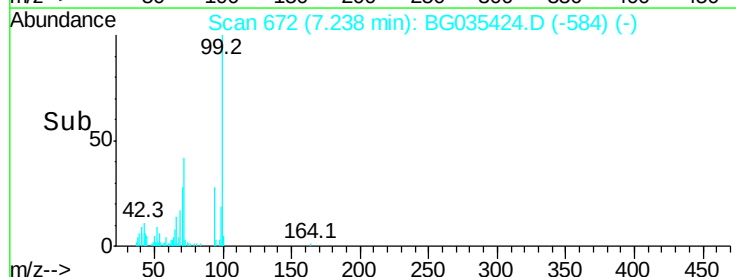
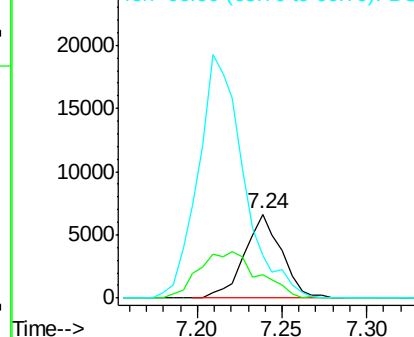
94 100

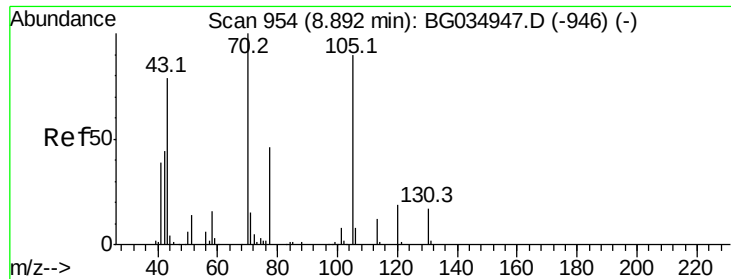
65 28.6 11.9 51.9

66 51.0 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

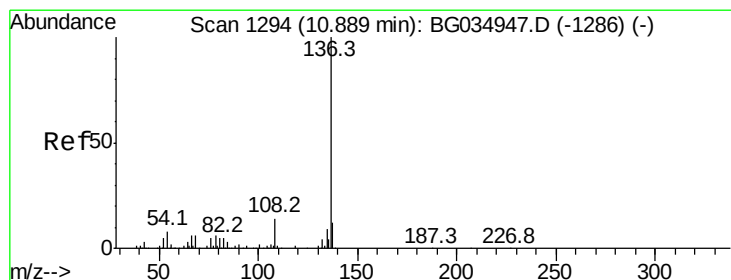
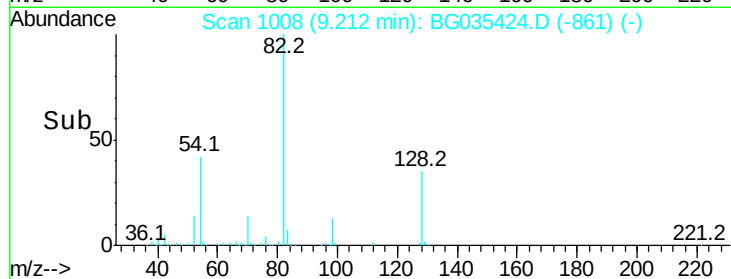
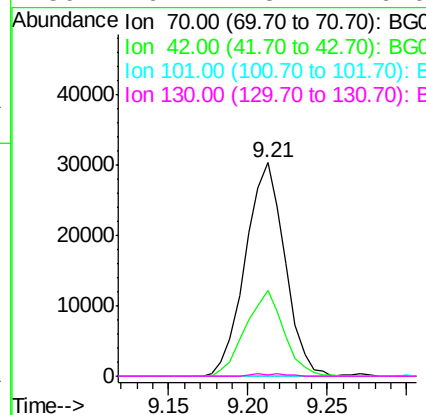
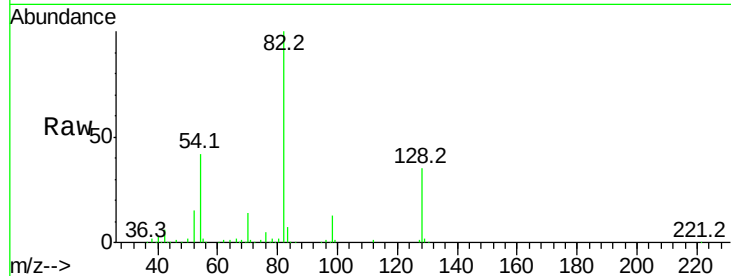




#19
n-Nitroso-di-n-propylamine
Concen: 14.891 ng
RT: 9.21 min Scan# 1008
Delta R.T. 0.33 min
Lab File: BG035424.D
Acq: 27 Jun 2018 00:04

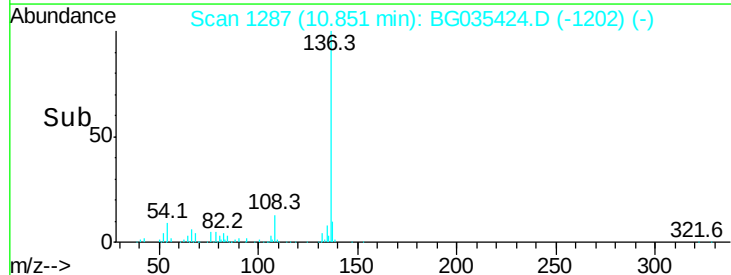
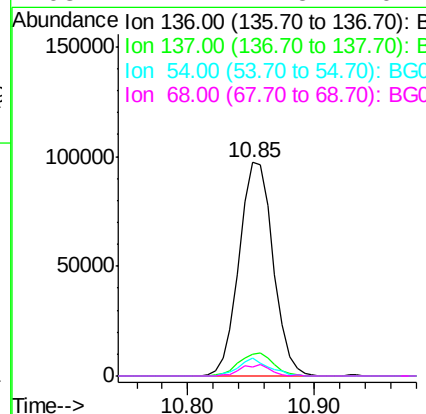
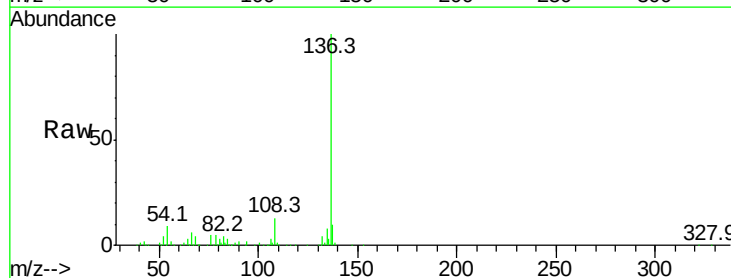
Instrument :
BNA_G
ClientSampleId :

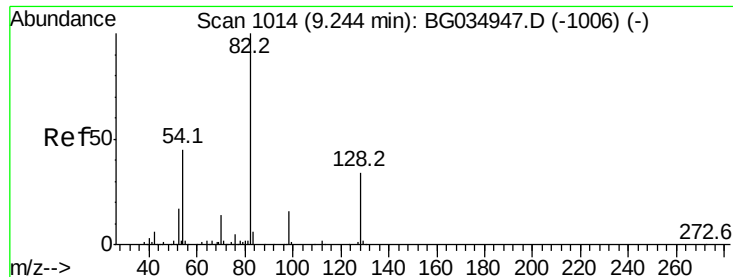
Tot Ion: 70 Resp: 52521
Ion Ratio Lower Upper
70 100
42 40.2 49.1 73.7#
101 0.0 8.5 12.7#
130 0.7 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.03 min
Lab File: BG035424.D
Acq: 27 Jun 2018 00:04

Tgt Ion: 136 Resp: 180202
Ion Ratio Lower Upper
136 100
137 10.5 9.2 13.8
54 8.5 10.3 15.5#
68 4.4 4.5 6.7#





#23

Nitrobenzene-d5

Concen: 101.946 ng

RT: 9.21 min Scan# 1008

Delta R.T. -0.03 min

Lab File: BG035424.D

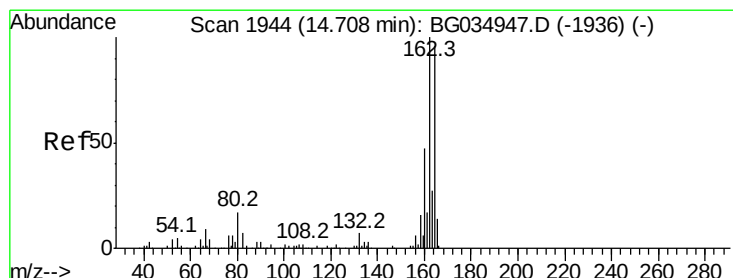
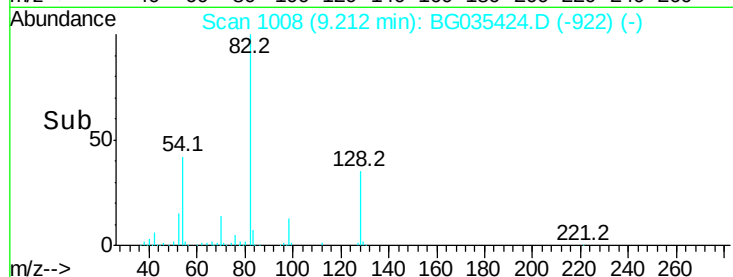
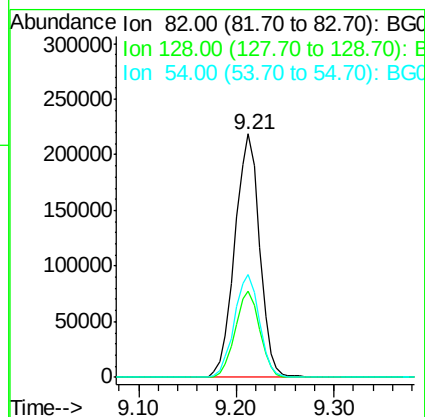
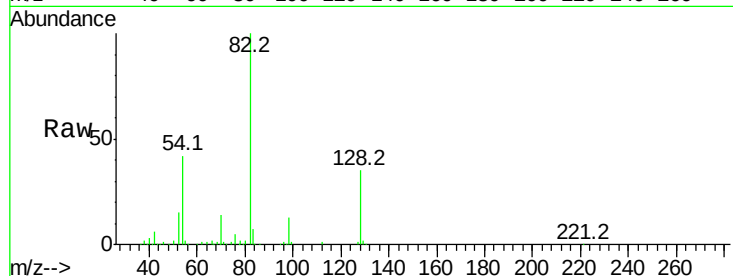
Acq: 27 Jun 2018 00:04

Instrument :

BNA_G

ClientSampled :

Tot Ion:	82	Resp:	386475
Ion	Ratio	Lower	Upper
82	100		
128	35.3	29.7	44.5
54	42.1	43.1	64.7#



#38

Acenaphthene-d10

Concen: 20.000 ng

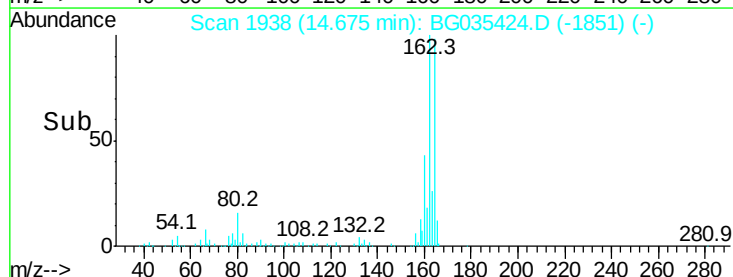
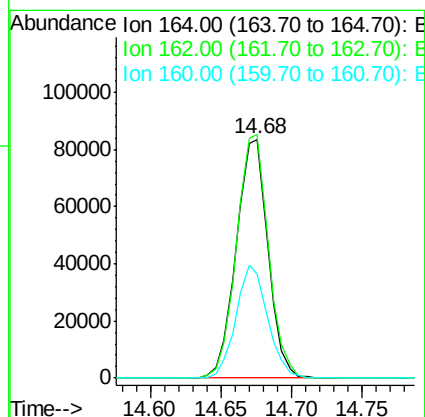
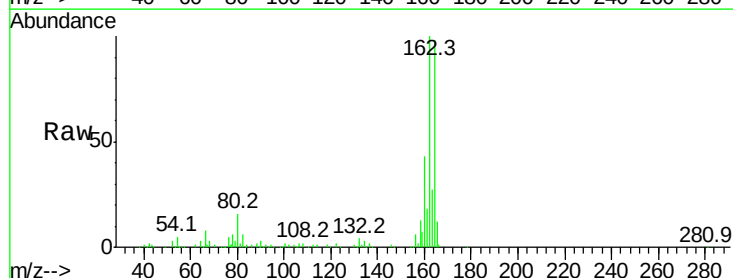
RT: 14.68 min Scan# 1938

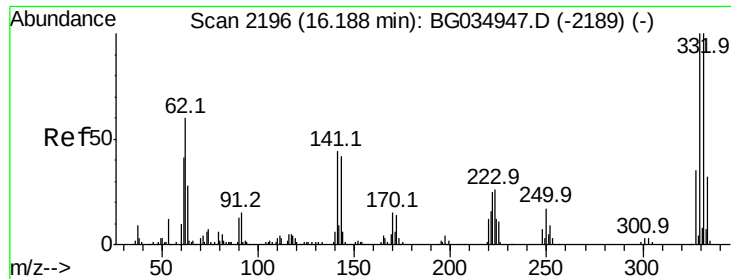
Delta R.T. -0.02 min

Lab File: BG035424.D

Acq: 27 Jun 2018 00:04

Tgt Ion:	164	Resp:	130834
Ion	Ratio	Lower	Upper
164	100		
162	101.9	78.8	118.2
160	43.3	35.4	53.0

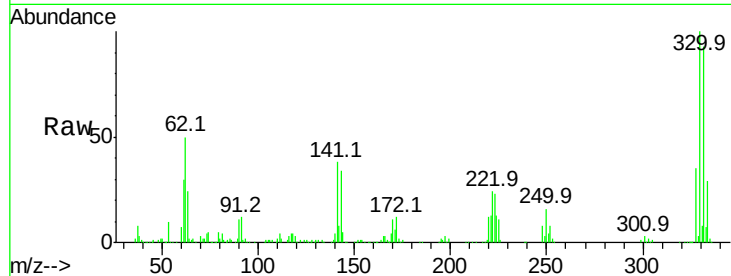




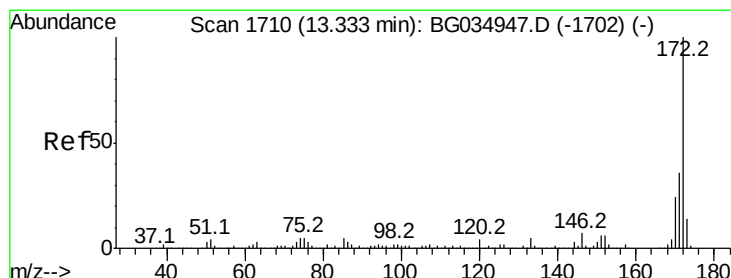
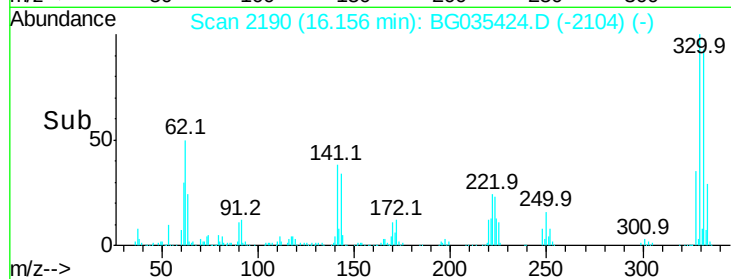
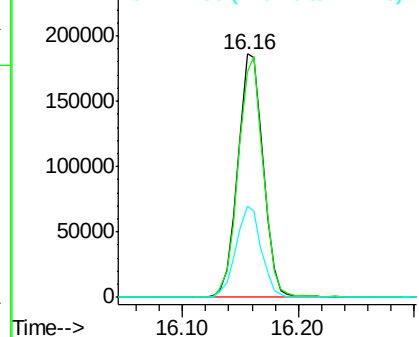
#41
 2,4,6-Tribromophenol
 Concen: 169.086 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.03 min
 Lab File: BG035424.D
 Acq: 27 Jun 2018 00:04

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	37.4	25.2	37.8

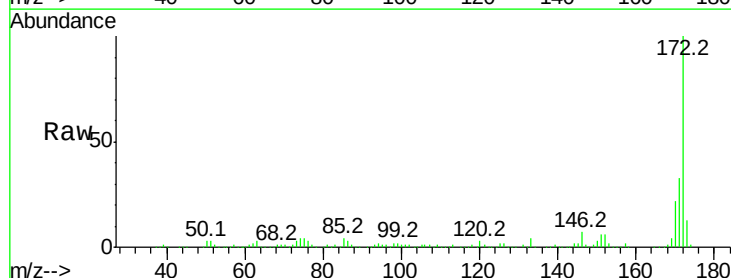


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

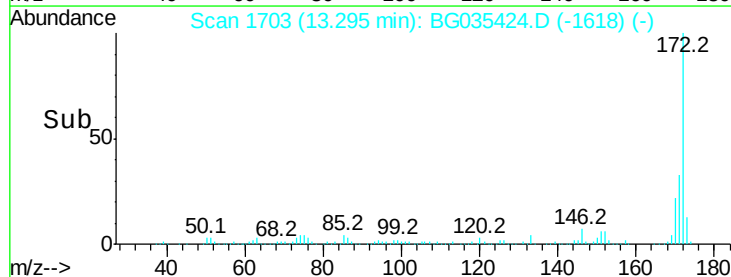
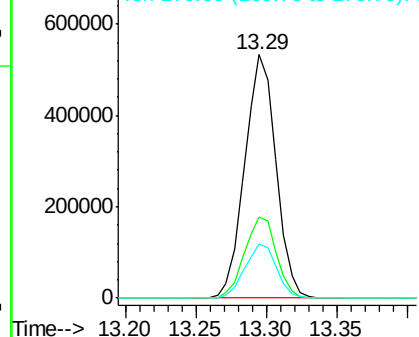


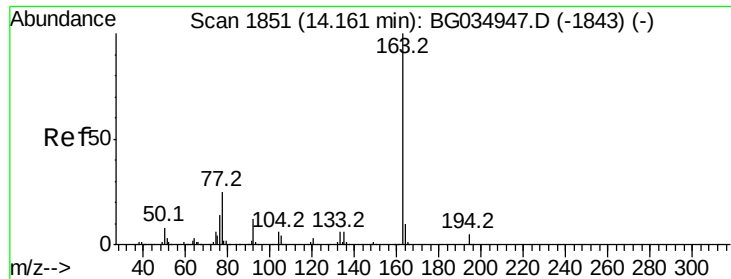
#44
 2-Fluorobiphenyl
 Concen: 81.872 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.03 min
 Lab File: BG035424.D
 Acq: 27 Jun 2018 00:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.4	30.0	45.0
170	22.3	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: 13.084 ng

RT: 14.12 min Scan# 1843

Delta R.T. -0.04 min

Lab File: BG035424.D

Acq: 27 Jun 2018 00:04

Instrument :

BNA_G

ClientSampleId :

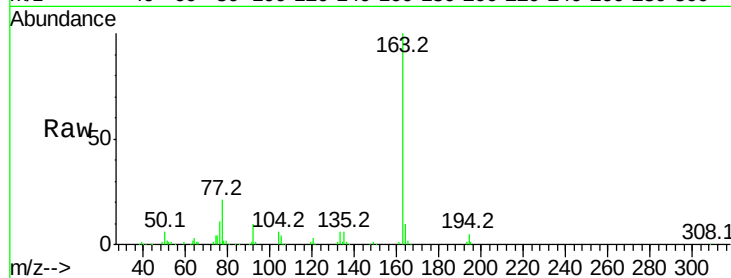
Tot Ion:163 Resp: 149274

Ion Ratio Lower Upper

163 100

194 4.9 3.4 5.2

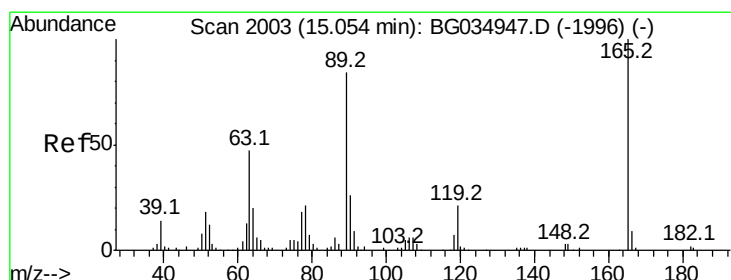
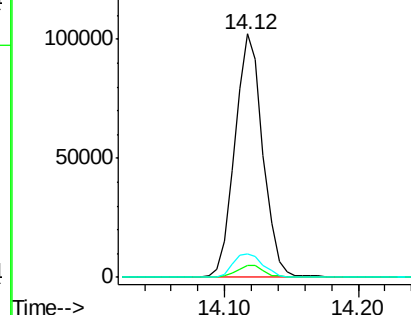
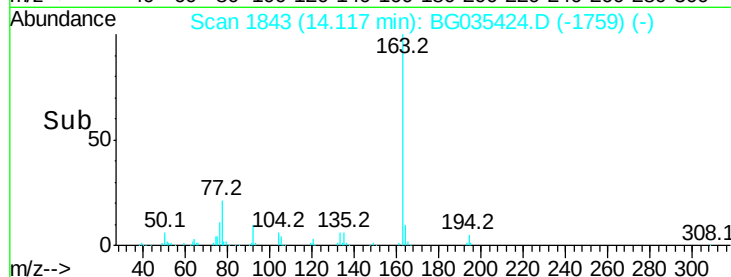
164 9.9 8.2 12.4



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: 6.599 ng

RT: 14.67 min Scan# 1937

Delta R.T. -0.38 min

Lab File: BG035424.D

Acq: 27 Jun 2018 00:04

Tgt Ion:165 Resp: 18246

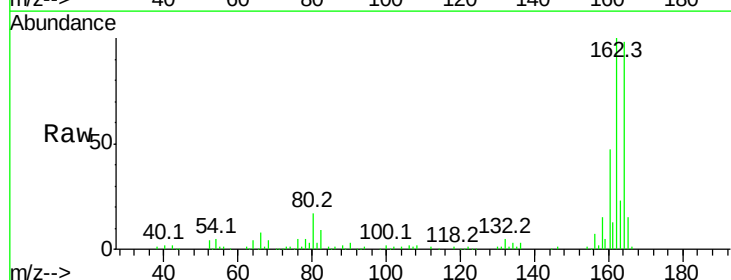
Ion Ratio Lower Upper

165 100

63 2.4 42.0 63.0#

89 1.7 66.9 100.3#

182 0.0 2.6 3.8#

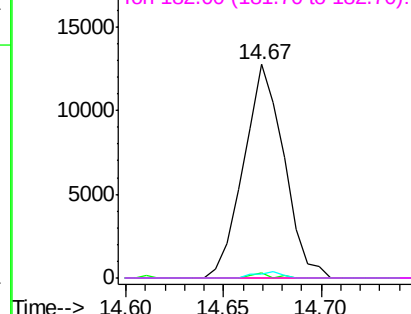
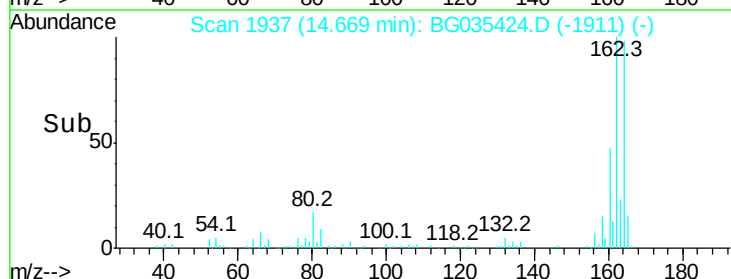


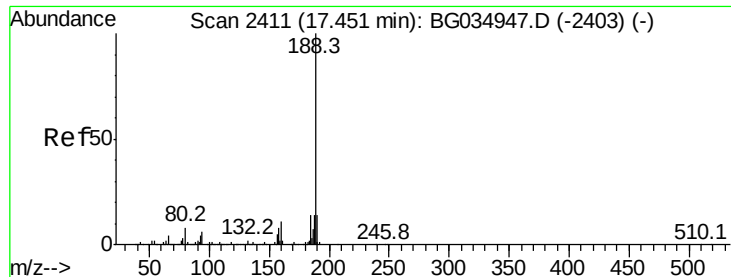
Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.41 min Scan# 2404

Delta R.T. -0.03 min

Lab File: BG035424.D

Acq: 27 Jun 2018 00:04

Instrument :

BNA_G

ClientSampleId :

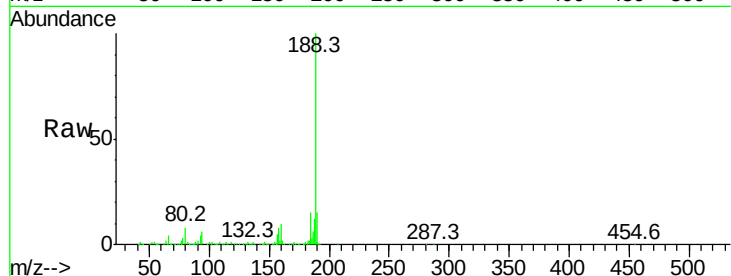
Tot Ion:188 Resp: 348322

Ion Ratio Lower Upper

188 100

94 5.7 6.9 10.3#

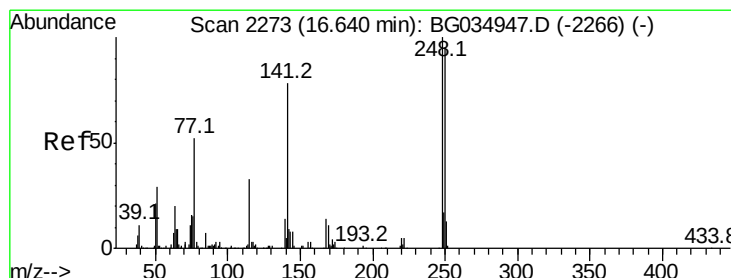
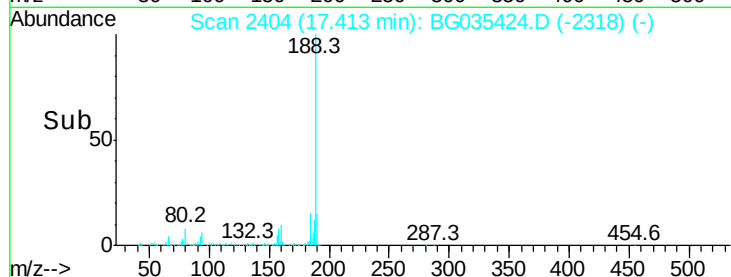
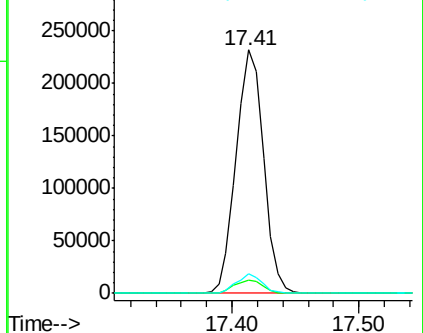
80 7.9 7.7 11.5



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: 5.440 ng

RT: 16.16 min Scan# 2190

Delta R.T. -0.48 min

Lab File: BG035424.D

Acq: 27 Jun 2018 00:04

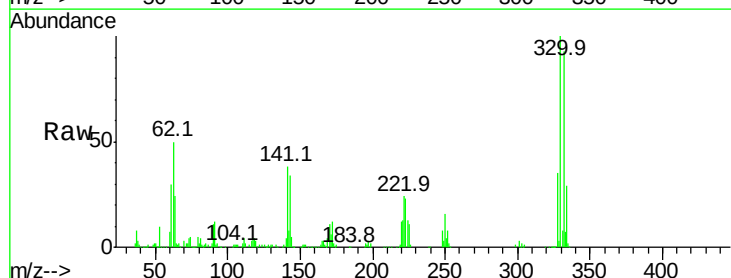
Tgt Ion:248 Resp: 22817

Ion Ratio Lower Upper

248 100

250 198.6 77.1 115.7#

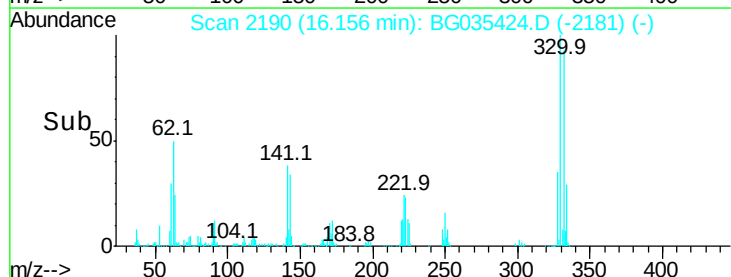
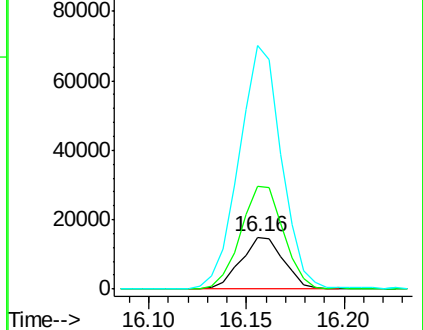
141 471.7 50.8 76.2#

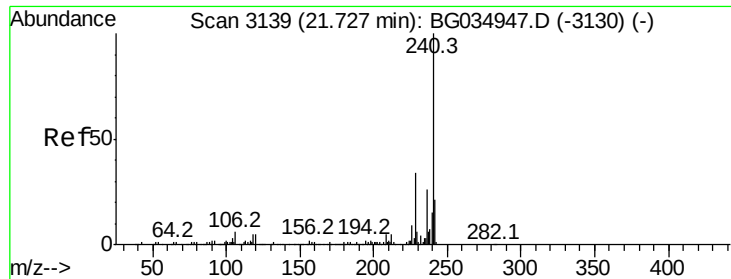


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.68 min Scan# 3130

Delta R.T. -0.04 min

Lab File: BG035424.D

Acq: 27 Jun 2018 00:04

Instrument :

BNA_G

ClientSampleId :

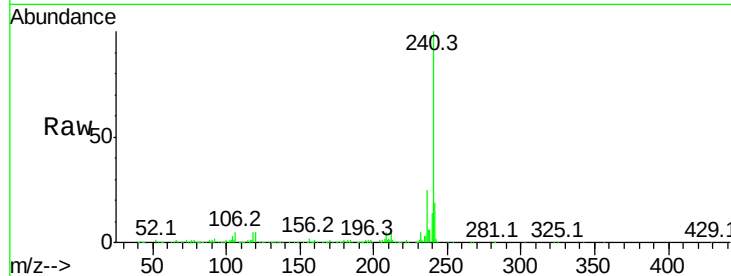
Tot Ion:240 Resp: 367711

Ion Ratio Lower Upper

240 100

120 5.4 6.8 10.2#

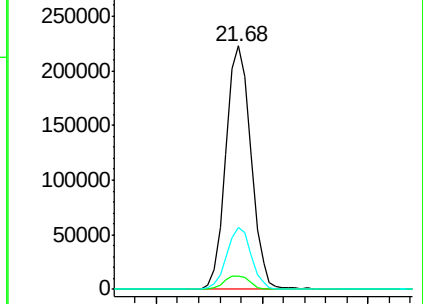
236 25.2 20.9 31.3



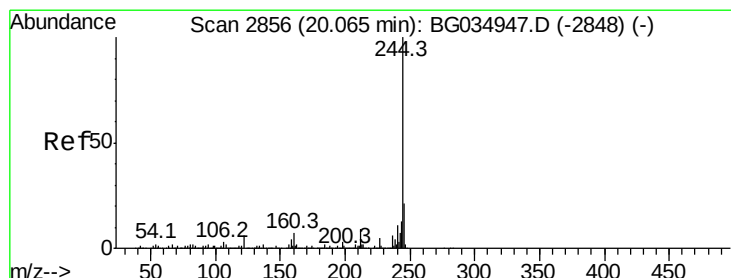
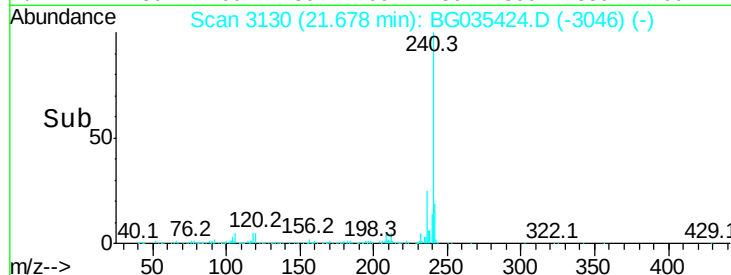
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.60 21.70 21.80



#78

Terphenyl-d14

Concen: 75.766 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.03 min

Lab File: BG035424.D

Acq: 27 Jun 2018 00:04

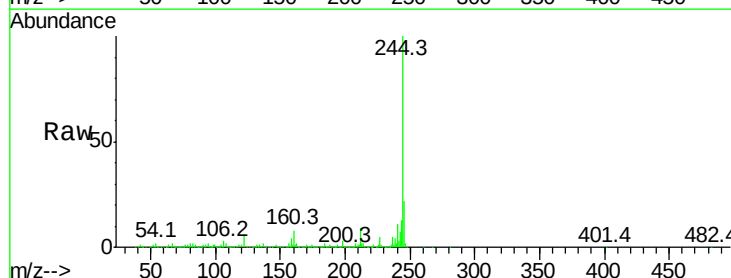
Tgt Ion:244 Resp: 1330036

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

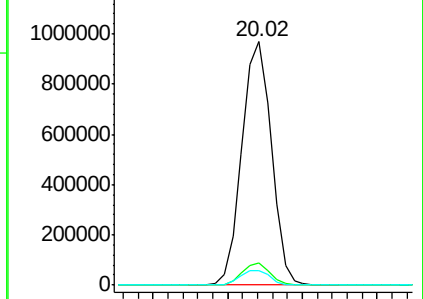
122 6.1 7.0 10.4#



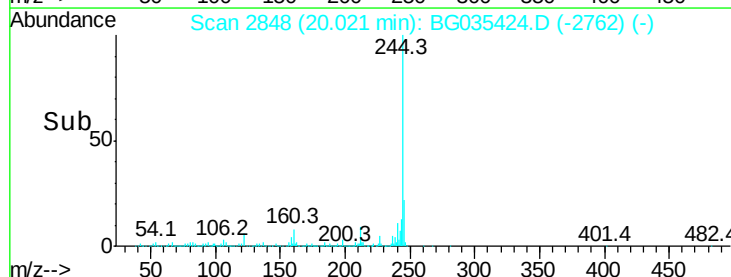
Abundance Ion 244.00 (243.70 to 244.70): E

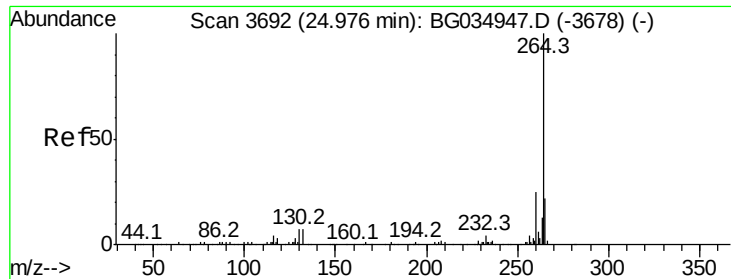
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 19.95 20.00 20.05 20.10

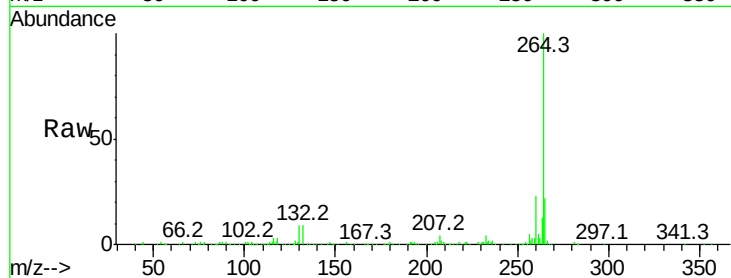




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3677
Delta R.T. -0.06 min
Lab File: BG035424.D
Acq: 27 Jun 2018 00:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	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

