

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082119\
 Data File : BG042385.D
 Acq On : 21 Aug 2019 16:07
 Operator : HP/JU
 Sample : K4365-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 21 17:35:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 13:40:37 2019
 Response via : Initial Calibration

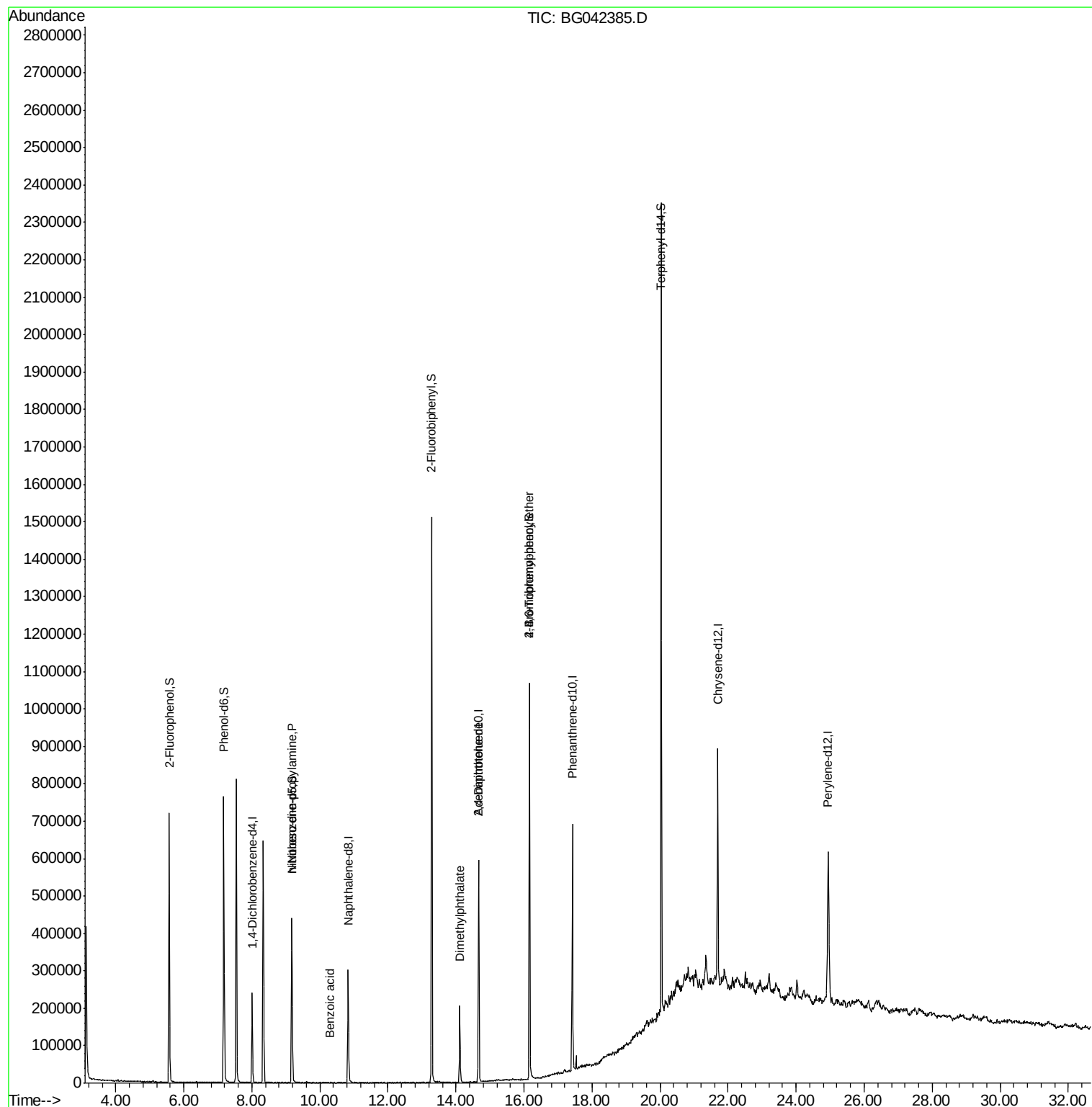
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	78696	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	314854	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	230949	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	466350	20.00	ng	0.00
76) Chrysene-d12	21.69	240	401895	20.00	ng	0.00
87) Perylene-d12	24.94	264	489598	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	380347	97.92	ng	0.00
7) Phenol-d6	7.17	99	521341	98.83	ng	0.00
23) Nitrobenzene-d5	9.17	82	292954	65.44	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	259708	82.57	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	887056	64.99	ng	0.00
79) Terphenyl-d14	20.03	244	1102882	60.11	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.18	70	37497	11.051	ng	# 74
32) Benzoic acid	10.29	122	55	7.796	ng	# 1
50) Dimethylphthalate	14.11	163	177916	10.841	ng	99
57) 2,4-Dinitrotoluene	14.67	165	29967	5.581	ng	# 38
67) 4-Bromophenyl-phenylether	16.16	248	17726	2.987	ng	# 1

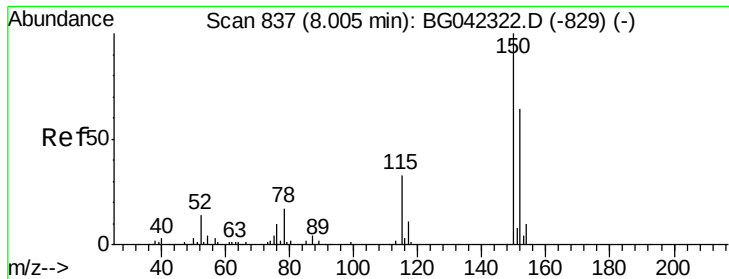
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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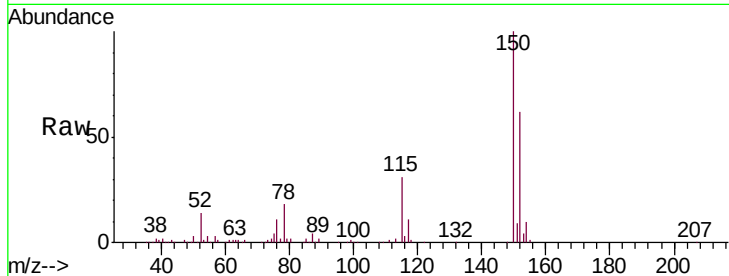


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG042385.D
Acq: 21 Aug 2019 16:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.3	186.5
115	50.1	40.5	60.7

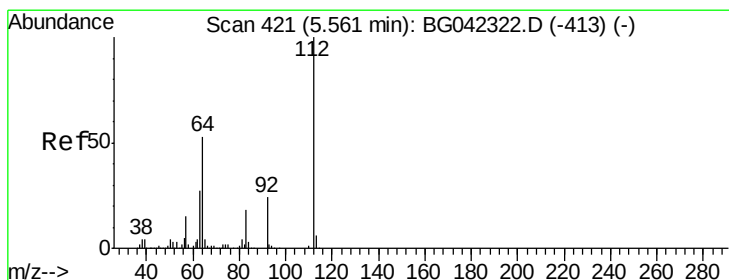
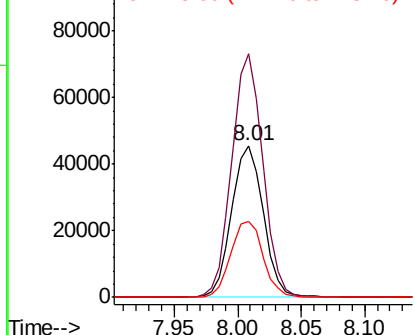
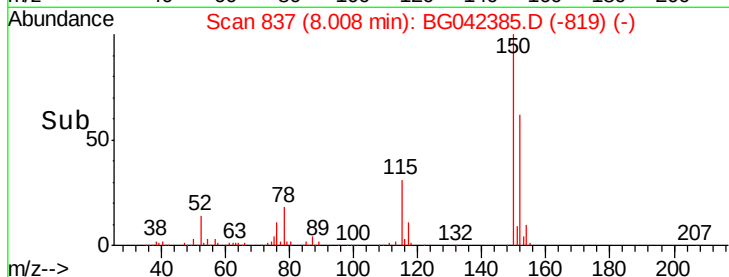


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

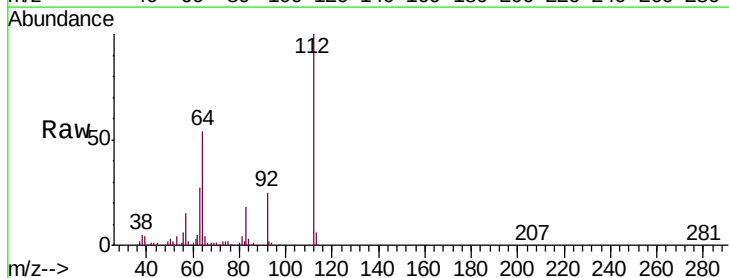
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 97.924 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.01 min
Lab File: BG042385.D
Acq: 21 Aug 2019 16:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.4	42.5	63.7
63	27.3	21.7	32.5

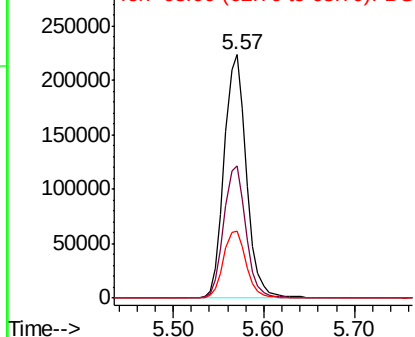
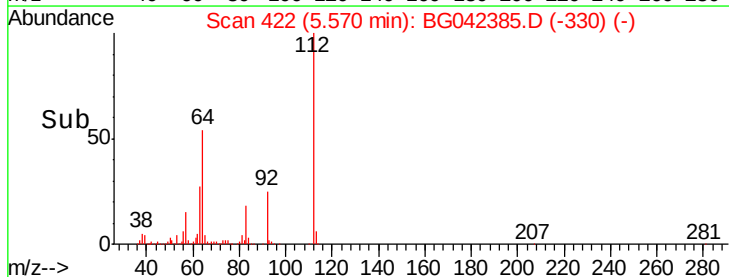


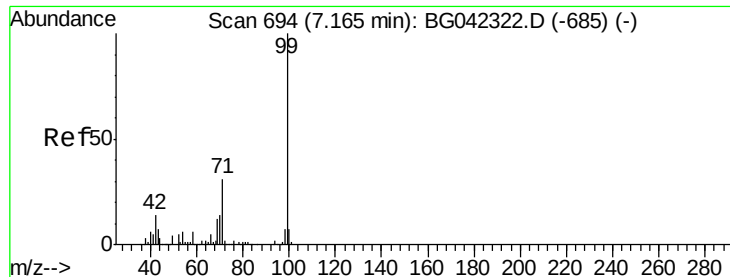
Abundance

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: 98.830 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG042385.D

Acq: 21 Aug 2019 16:07

Instrument :

BNA_G

ClientSampleId :

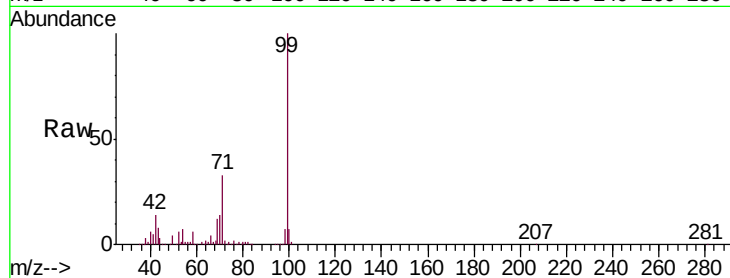
Tot Ion: 99 Resp: 521341

Ion Ratio Lower Upper

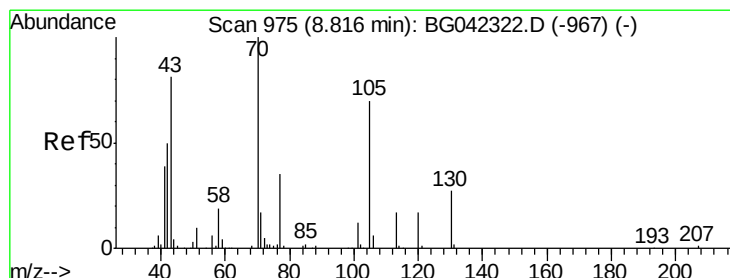
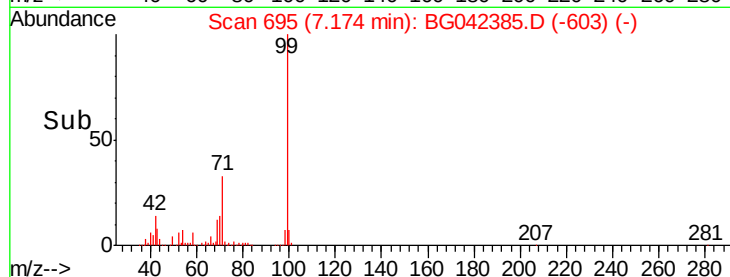
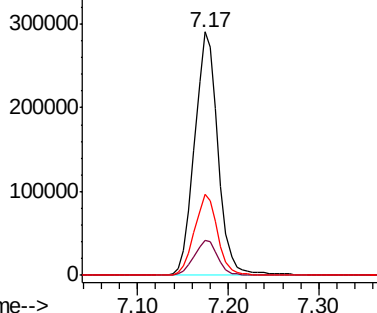
99 100

42 14.5 11.4 17.0

71 33.3 25.1 37.7



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: 11.051 ng

RT: 9.18 min Scan# 1036

Delta R.T. 0.36 min

Lab File: BG042385.D

Acq: 21 Aug 2019 16:07

Tgt Ion: 70 Resp: 37497

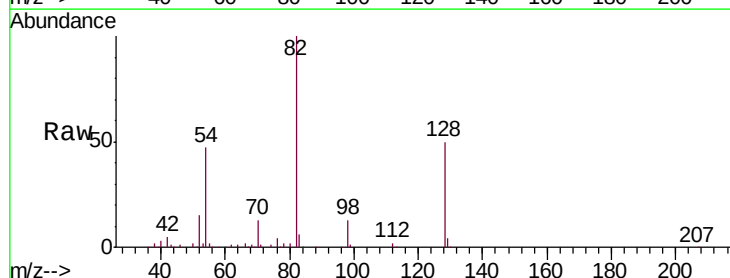
Ion Ratio Lower Upper

70 100

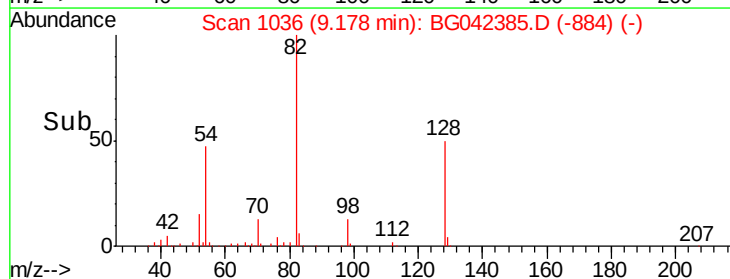
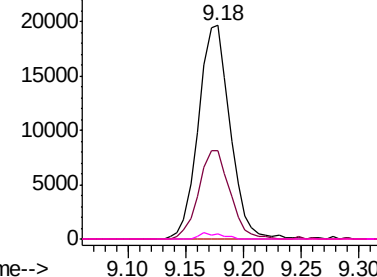
42 41.4 40.5 60.7

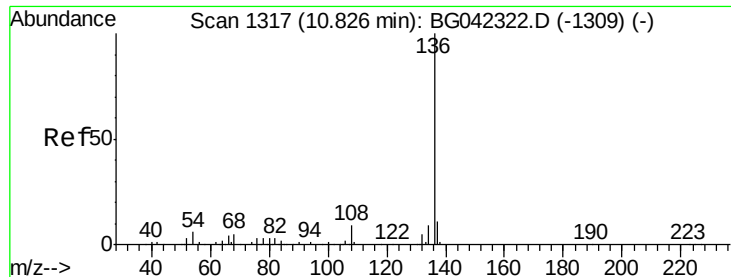
101 0.0 9.3 13.9#

130 2.3 22.0 33.0#



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: 10.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BG042385.D

Acq: 21 Aug 2019 16:07

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 314854

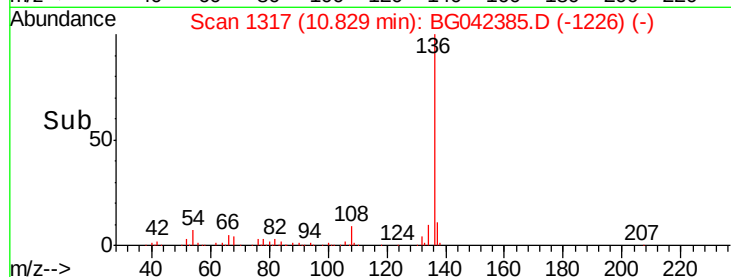
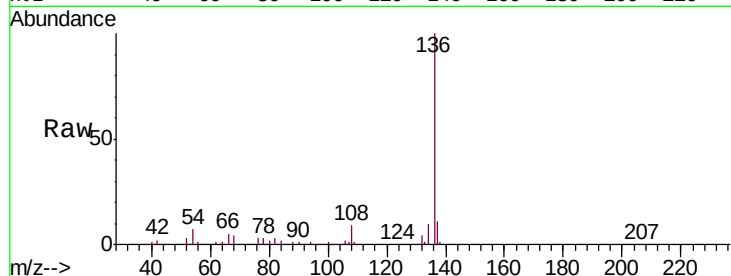
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 6.6 5.0 7.4

68 4.1 3.8 5.8

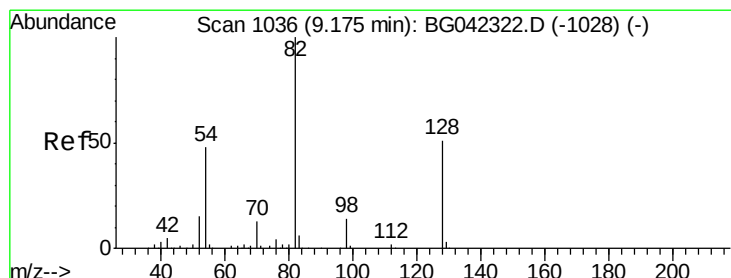
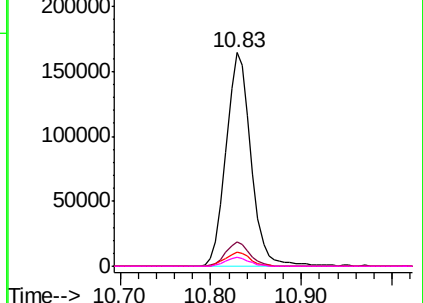


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 65.441 ng

RT: 9.17 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BG042385.D

Acq: 21 Aug 2019 16:07

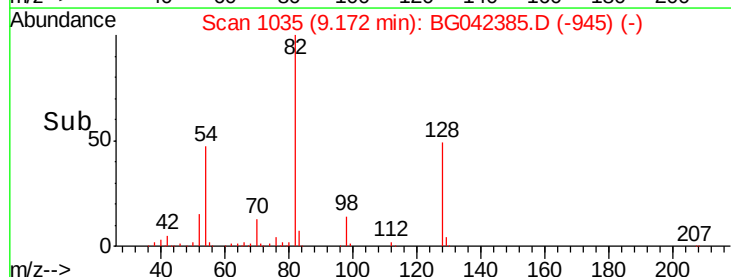
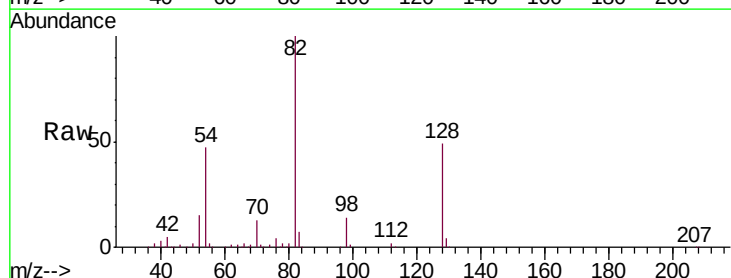
Tgt Ion: 82 Resp: 292954

Ion Ratio Lower Upper

82 100

128 49.4 41.0 61.4

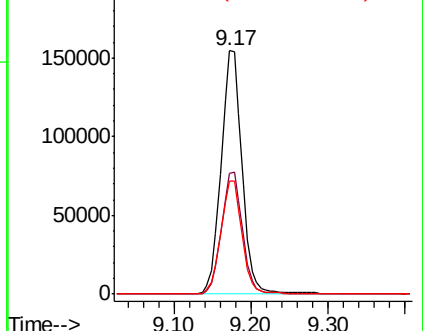
54 46.6 38.0 57.0

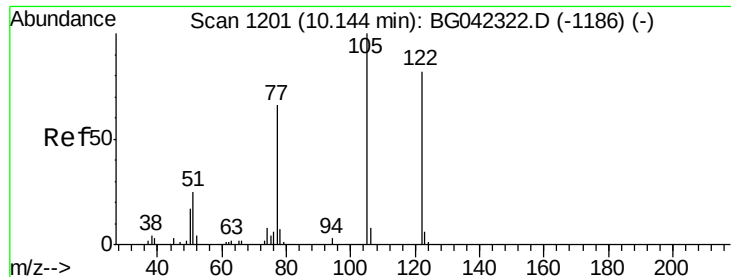


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#32

Benzoic acid

Concen: 7.796 ng

RT: 10.29 min Scan# 1225

Delta R.T. 0.14 min

Lab File: BG042385.D

Acq: 21 Aug 2019 16:07

Instrument :

BNA_G

ClientSampleId :

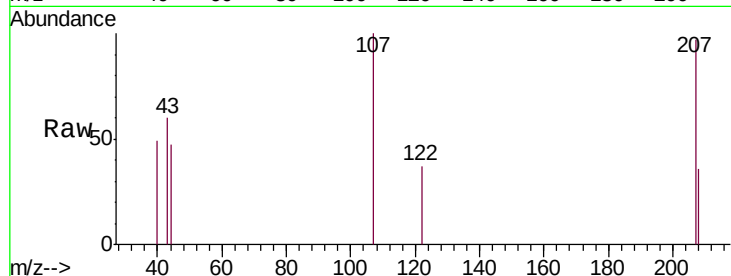
Tot Ion:122 Resp: 55

Ion Ratio Lower Upper

122 100

105 0.0 97.7 137.7#

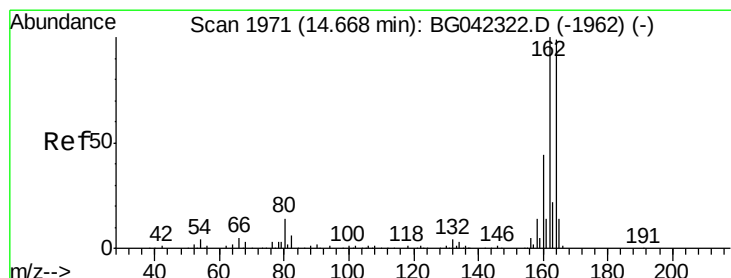
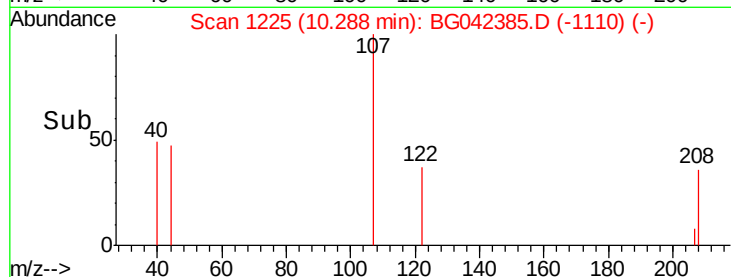
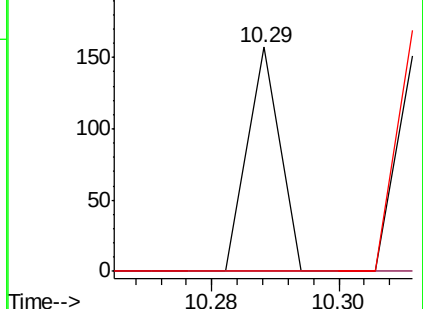
77 0.0 58.4 98.4#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1970

Delta R.T. -0.00 min

Lab File: BG042385.D

Acq: 21 Aug 2019 16:07

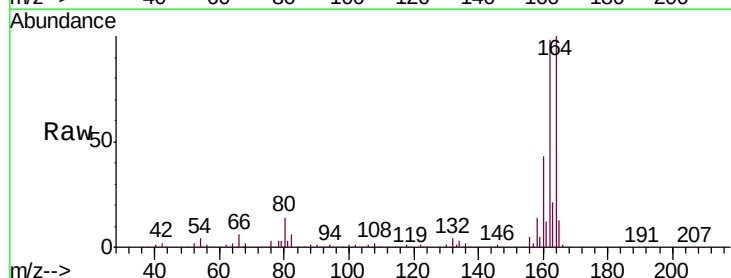
Tgt Ion:164 Resp: 230949

Ion Ratio Lower Upper

164 100

162 98.0 80.6 120.8

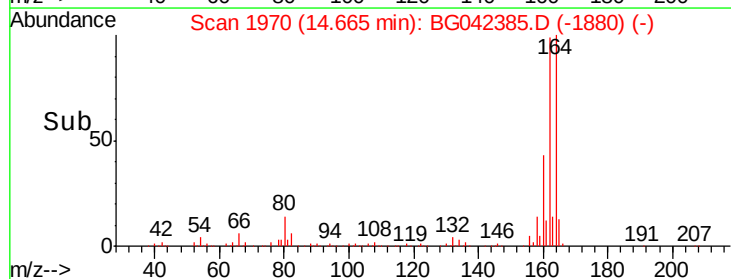
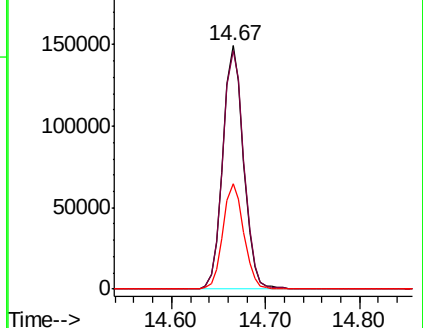
160 43.1 35.7 53.5

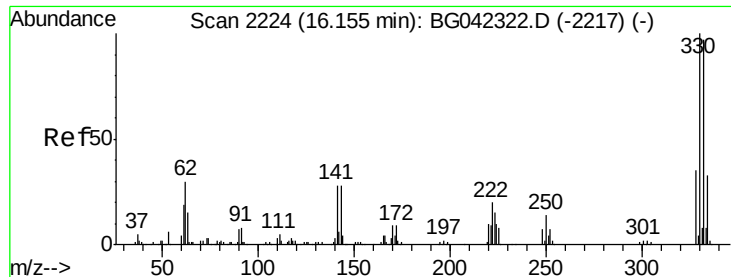


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 82.566 ng

RT: 16.16 min Scan# 2224

Delta R.T. 0.00 min

Lab File: BG042385.D

Acq: 21 Aug 2019 16:07

Instrument :

BNA_G

ClientSampleId :

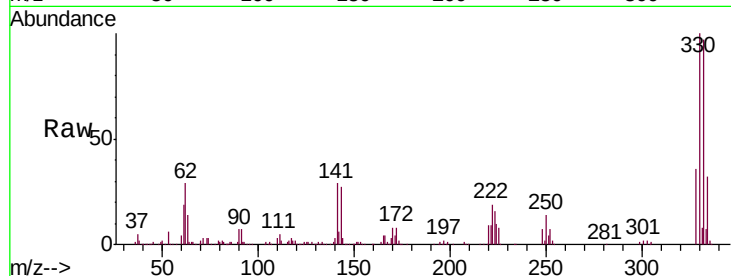
Tot Ion:330 Resp: 259708

Ion Ratio Lower Upper

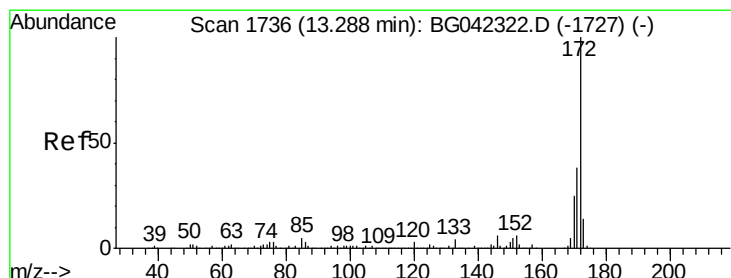
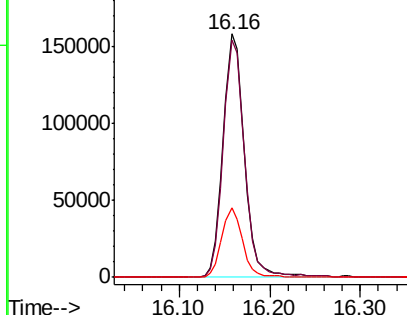
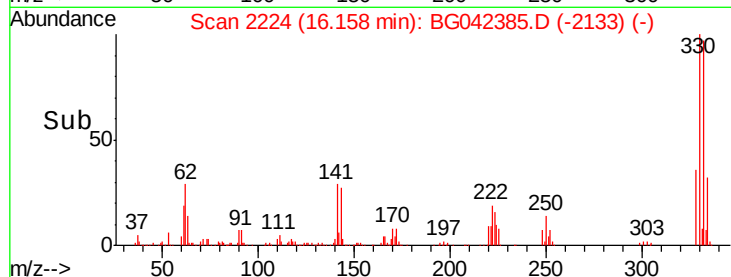
330 100

332 97.4 76.9 115.3

141 27.8 21.8 32.6



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



#45

2-Fluorobiphenyl

Concen: 64.994 ng

RT: 13.28 min Scan# 1735

Delta R.T. -0.00 min

Lab File: BG042385.D

Acq: 21 Aug 2019 16:07

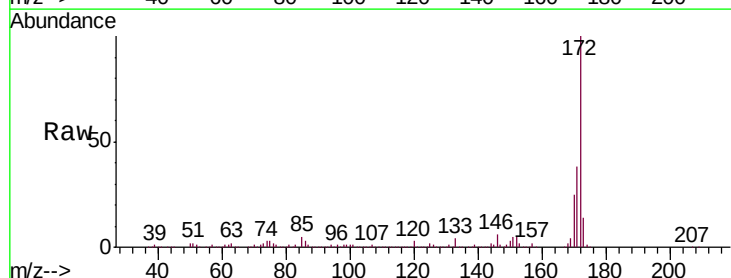
Tgt Ion:172 Resp: 887056

Ion Ratio Lower Upper

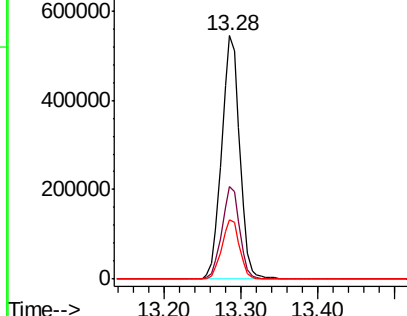
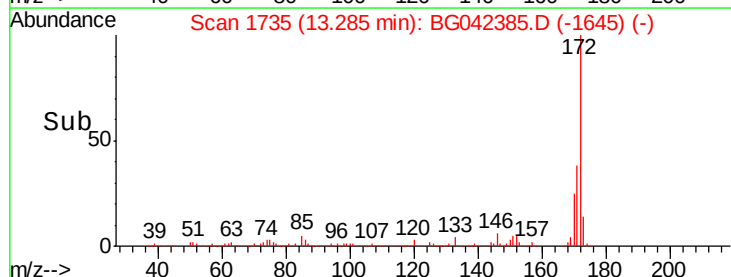
172 100

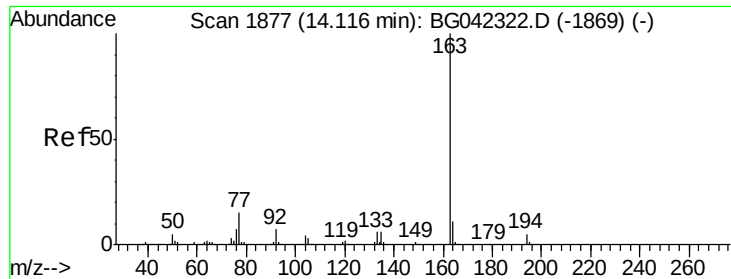
171 38.1 30.3 45.5

170 24.5 20.0 30.0



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

Dimethylphthalate

Concen: 10.841 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.00 min

Lab File: BG042385.D

Acq: 21 Aug 2019 16:07

Instrument :

BNA_G

ClientSampleId :

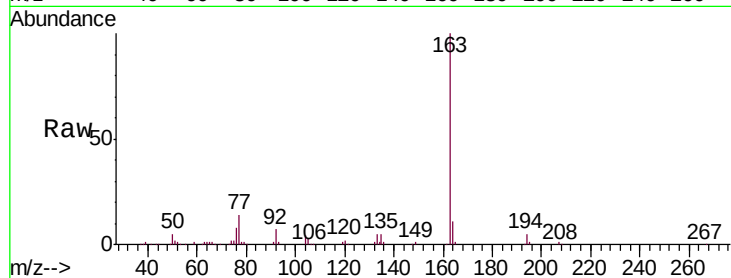
Tot Ion:163 Resp: 177916

Ion Ratio Lower Upper

163 100

194 5.1 4.2 6.2

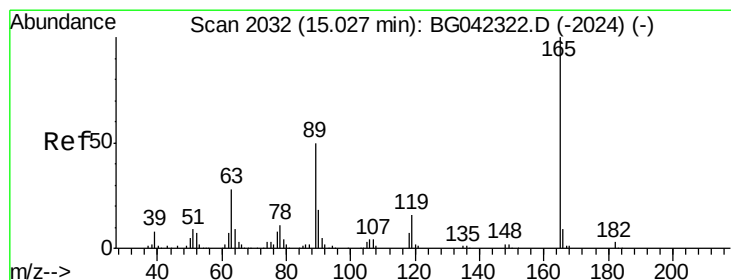
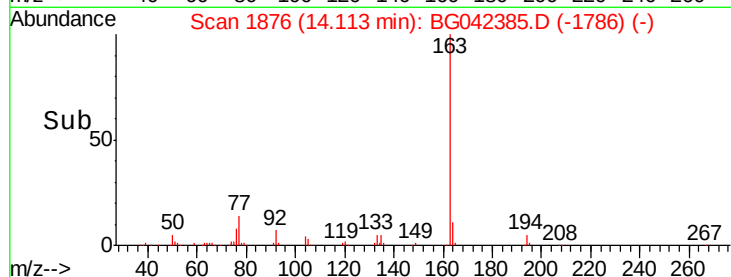
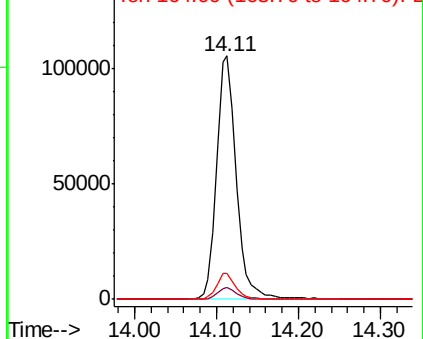
164 10.7 8.8 13.2



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



#57

2,4-Dinitrotoluene

Concen: 5.581 ng

RT: 14.67 min Scan# 1970

Delta R.T. -0.36 min

Lab File: BG042385.D

Acq: 21 Aug 2019 16:07

Tgt Ion:165 Resp: 29967

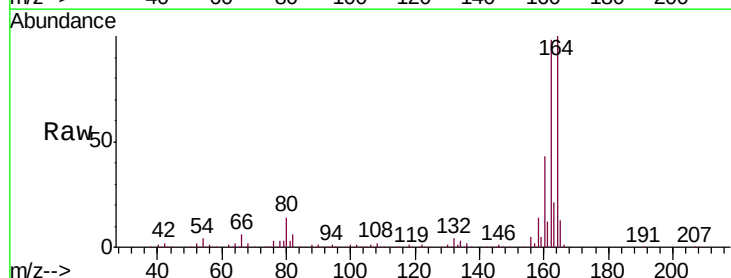
Ion Ratio Lower Upper

165 100

63 0.8 22.4 33.6#

89 1.4 40.2 60.2#

182 0.0 2.6 3.8#

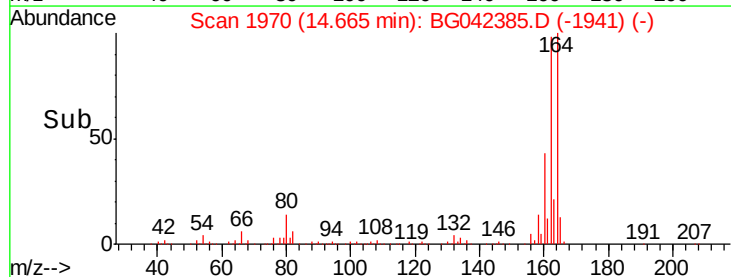
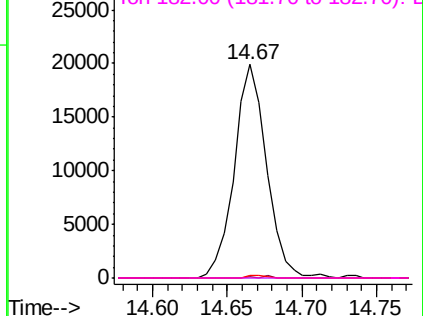


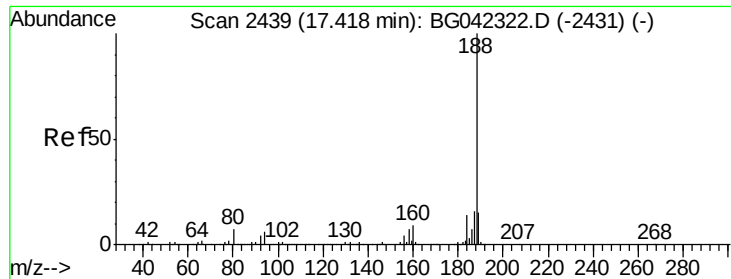
Abundance Ion 165.00 (164.70 to 165.70): E

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

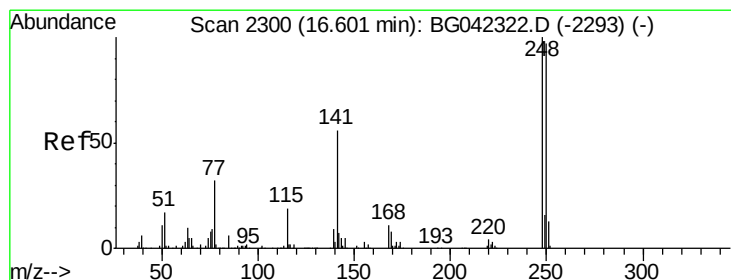
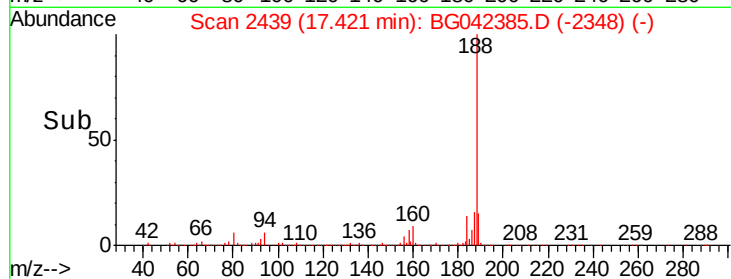
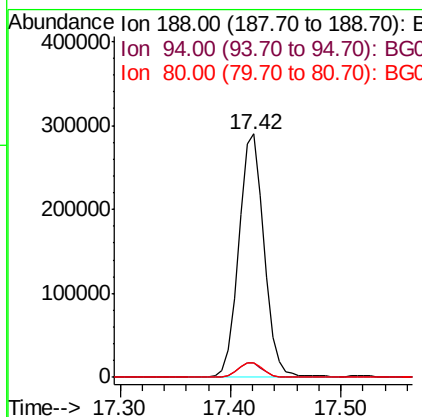
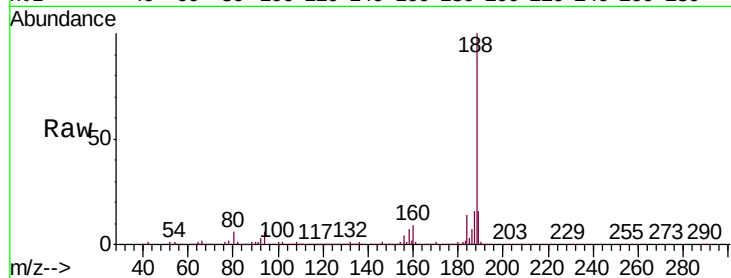




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. 0.00 min
Lab File: BG042385.D
Acq: 21 Aug 2019 16:07

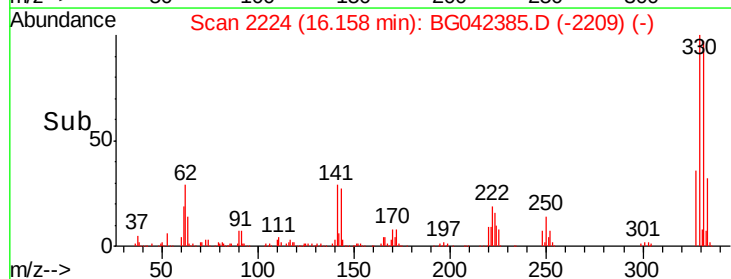
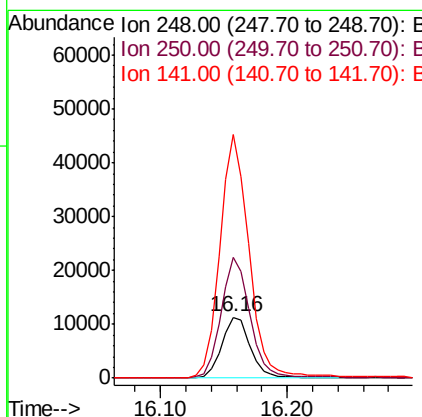
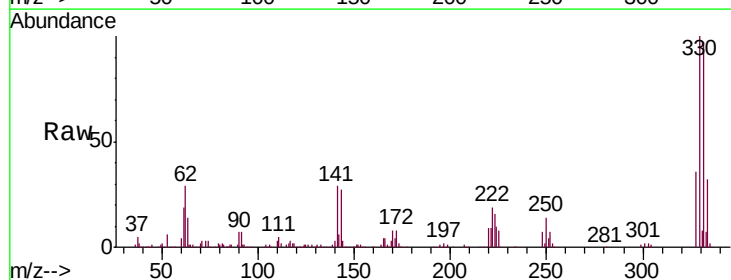
Instrument :
BNA_G
ClientSampleId :

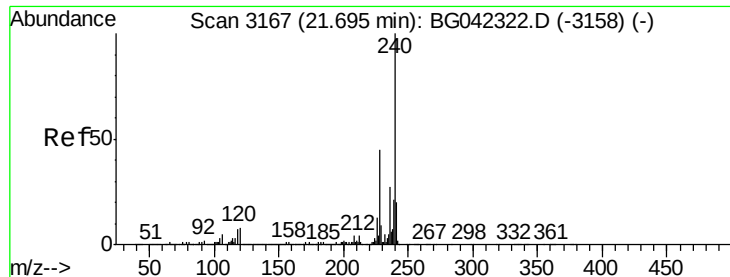
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.8	4.9	7.3
80	5.8	5.4	8.0



#67
4-Bromophenyl-phenylether
Concen: 2.987 ng
RT: 16.16 min Scan# 2224
Delta R.T. -0.44 min
Lab File: BG042385.D
Acq: 21 Aug 2019 16:07

Tgt Ion	Ratio	Lower	Upper
248	100		
250	198.8	78.0	117.0#
141	400.0	44.9	67.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.00 min

Lab File: BG042385.D

Acq: 21 Aug 2019 16:07

Instrument :

BNA_G

ClientSampleId :

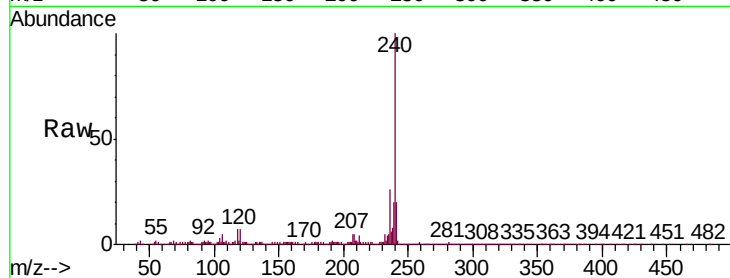
Tot Ion:240 Resp: 401895

Ion Ratio Lower Upper

240 100

120 6.8 6.0 9.0

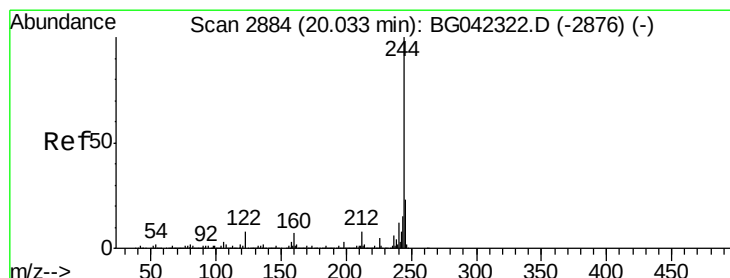
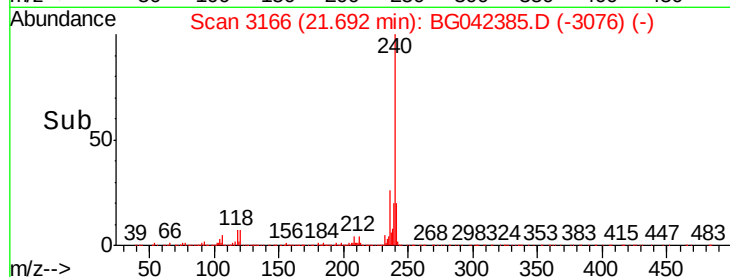
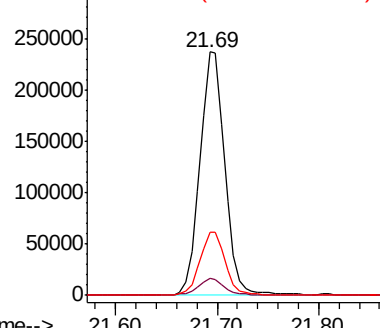
236 25.7 21.6 32.4



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



#79

Terphenyl-d14

Concen: 60.106 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG042385.D

Acq: 21 Aug 2019 16:07

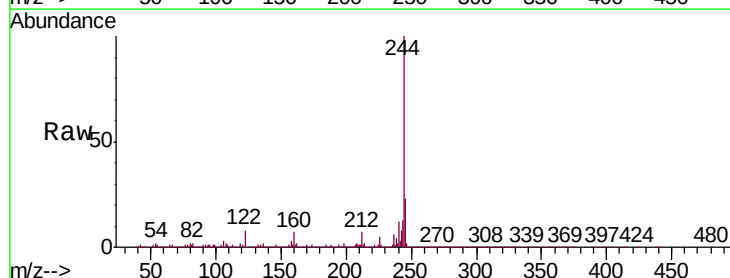
Tgt Ion:244 Resp: 1102882

Ion Ratio Lower Upper

244 100

212 7.4 6.4 9.6

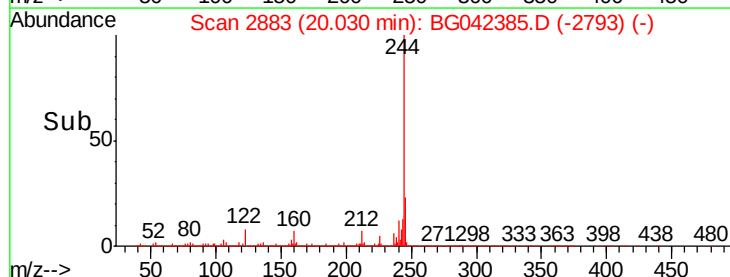
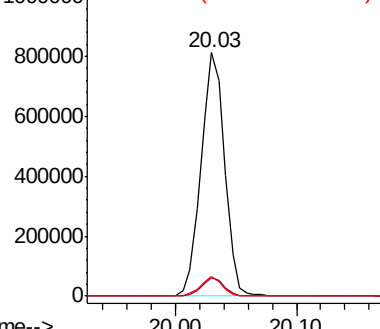
122 7.9 6.6 10.0

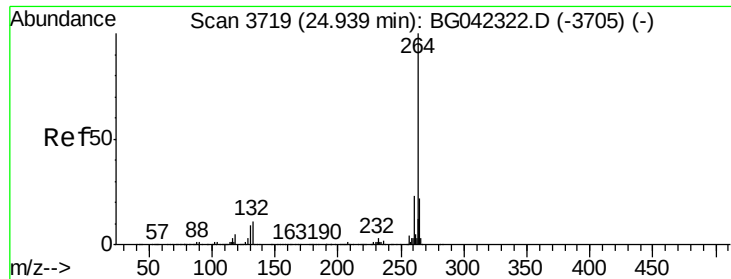


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

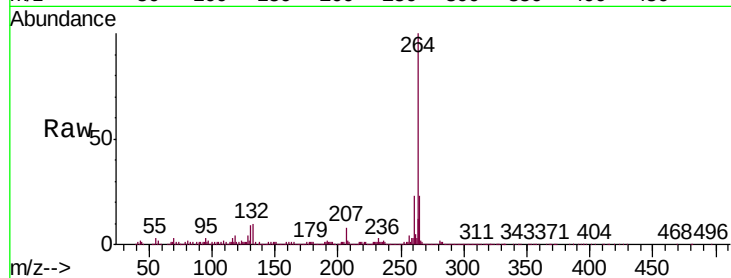




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.94 min Scan# 3719
 Delta R.T. 0.00 min
 Lab File: BG042385.D
 Acq: 21 Aug 2019 16:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.4	27.6
265	22.6	17.4	26.0



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

