

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090319\
 Data File : BG042693.D
 Acq On : 3 Sep 2019 17:51
 Operator : HP/JU
 Sample : K4622-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 04 04:07:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

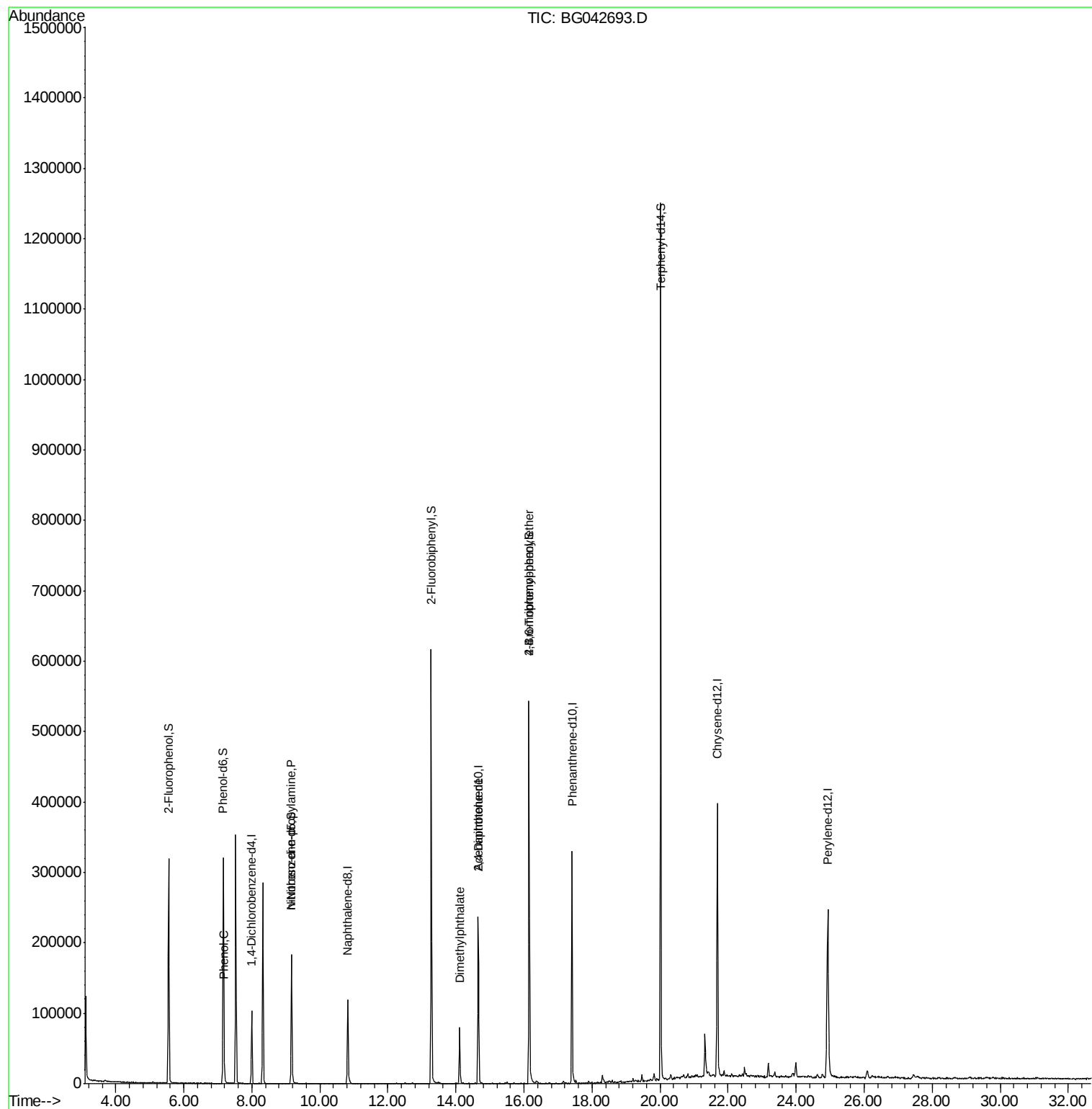
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	33152	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	132931	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	102170	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	238798	20.00	ng	0.00
76) Chrysene-d12	21.68	240	258280	20.00	ng	-0.01
87) Perylene-d12	24.92	264	305414	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	161907	98.91	ng	0.00
7) Phenol-d6	7.16	99	218232	98.70	ng	0.00
23) Nitrobenzene-d5	9.17	82	124929	64.94	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	152388	104.94	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	392343	64.95	ng	0.00
79) Terphenyl-d14	20.02	244	669309	56.02	ng	0.00
Target Compounds						
10) Phenol	7.19	94	9553	4.249	ng	86
19) n-Nitroso-di-n-propylamine	9.16	70	16370	11.428	ng	# 73
50) Dimethylphthalate	14.11	163	75458	10.236	ng	99
57) 2,4-Dinitrotoluene	14.65	165	13354	5.457	ng	# 40
67) 4-Bromophenyl-phenylether	16.15	248	10008	3.304	ng	# 1

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

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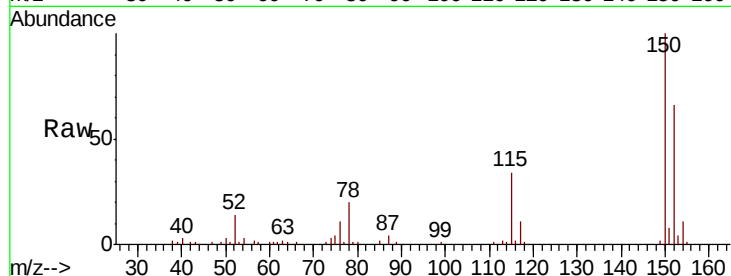


#1

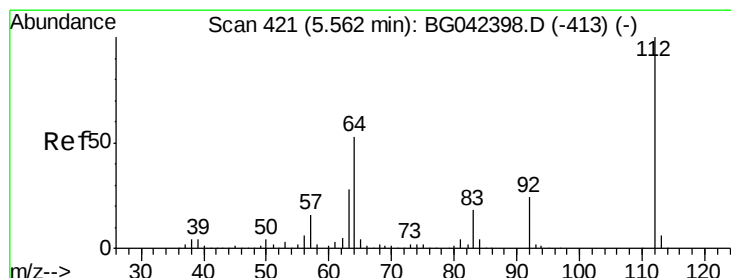
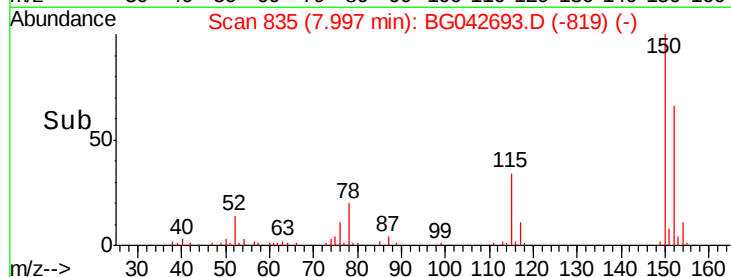
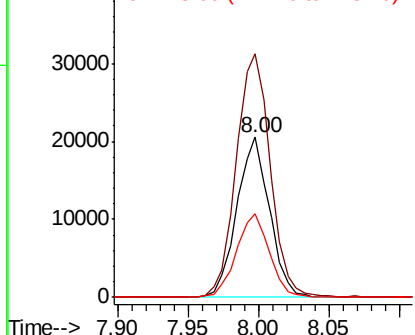
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042693.D
Acq: 3 Sep 2019 17:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 33152
Ion Ratio Lower Upper
152 100
150 152.3 125.4 188.0
115 51.9 38.5 57.7



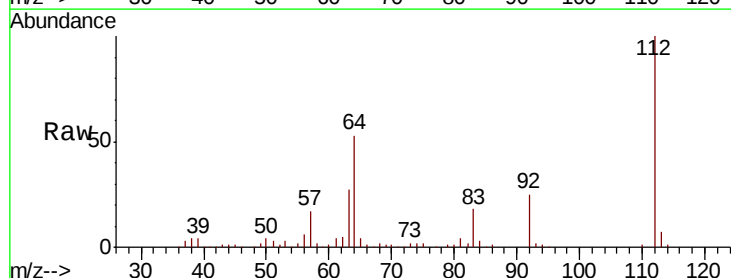
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



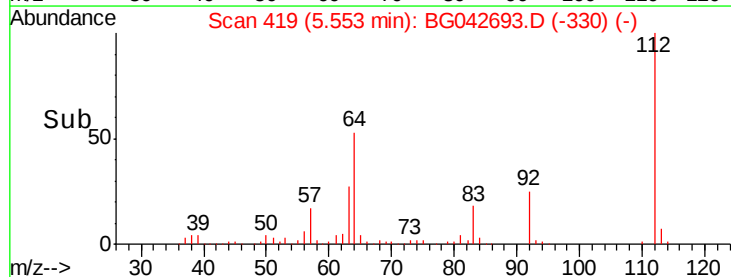
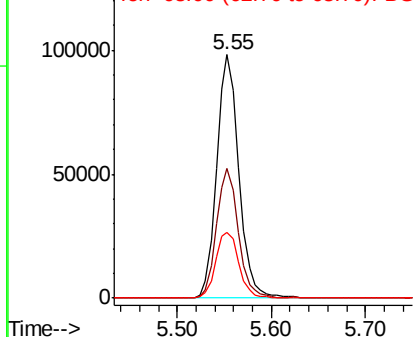
#5

2-Fluorophenol
Concen: 98.911 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.01 min
Lab File: BG042693.D
Acq: 3 Sep 2019 17:51

Tgt Ion:112 Resp: 161907
Ion Ratio Lower Upper
112 100
64 53.2 42.8 64.2
63 27.0 22.7 34.1



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: 98.699 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042693.D

Acq: 3 Sep 2019 17:51

Instrument :

BNA_G

ClientSampleId :

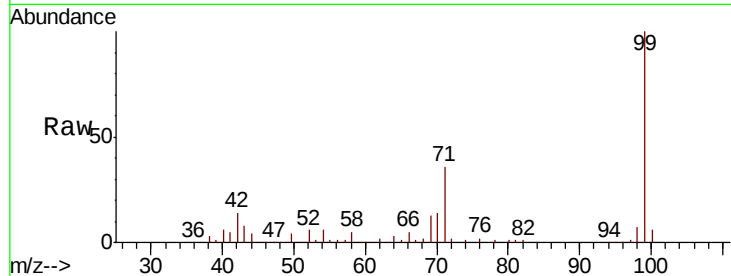
Tot Ion: 99 Resp: 218232

Ion Ratio Lower Upper

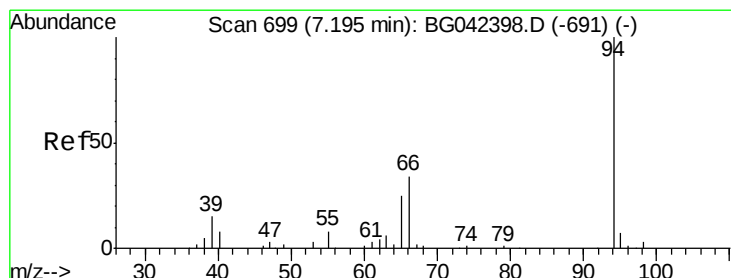
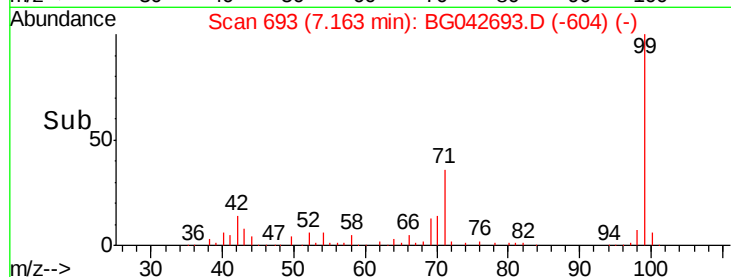
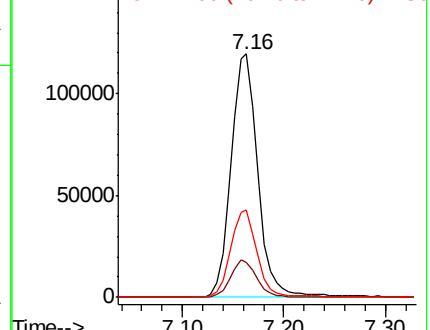
99 100

42 14.3 12.0 18.0

71 35.8 26.3 39.5



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: 4.249 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG042693.D

Acq: 3 Sep 2019 17:51

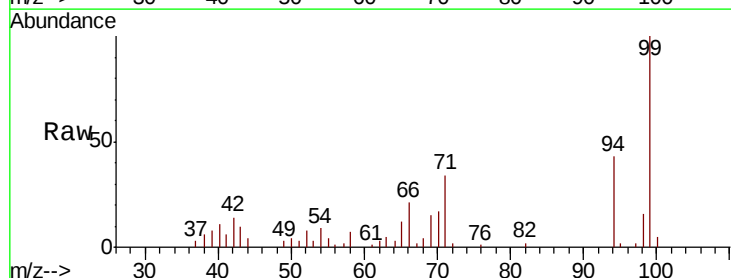
Tgt Ion: 94 Resp: 9553

Ion Ratio Lower Upper

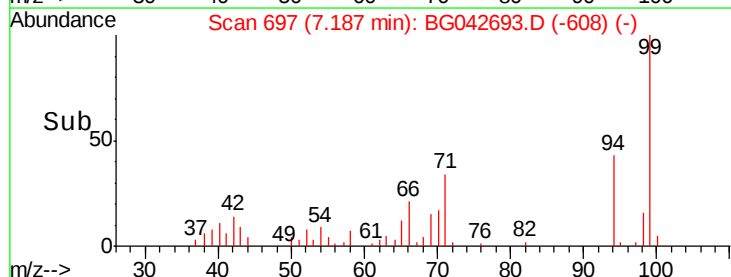
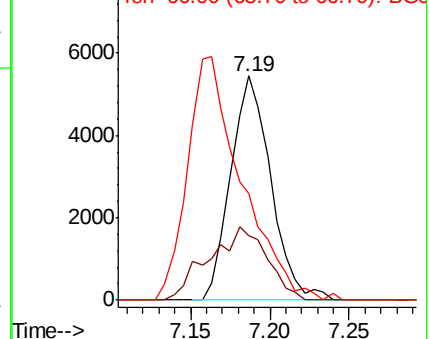
94 100

65 28.6 5.6 45.6

66 47.5 16.0 56.0



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

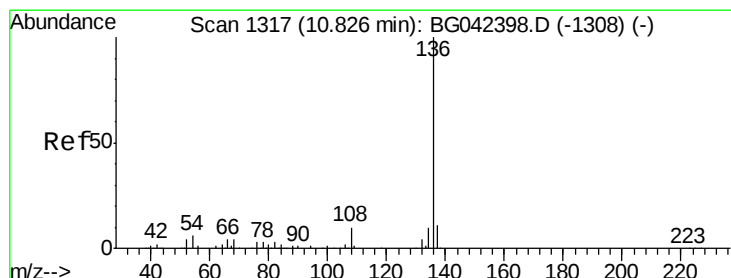
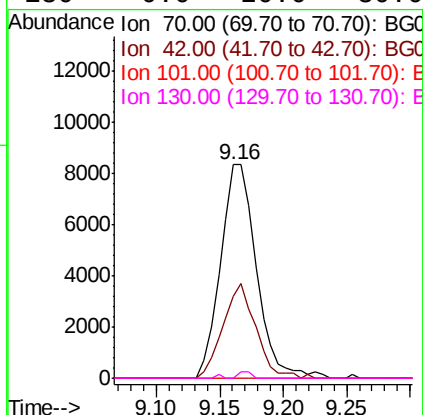
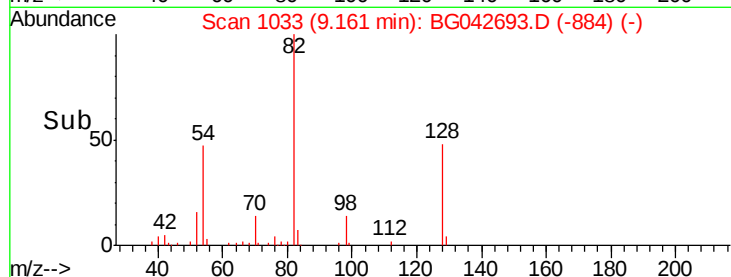
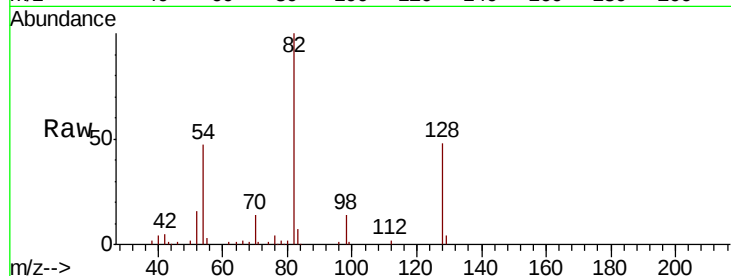




#19
n-Nitroso-di-n-propylamine
Concen: 11.428 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.34 min
Lab File: BG042693.D
Acq: 3 Sep 2019 17:51

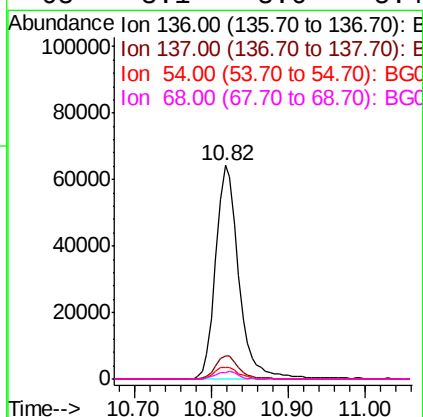
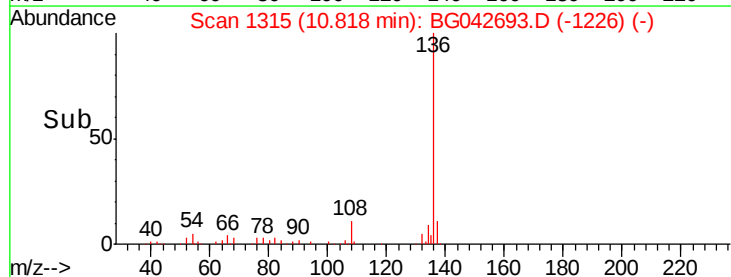
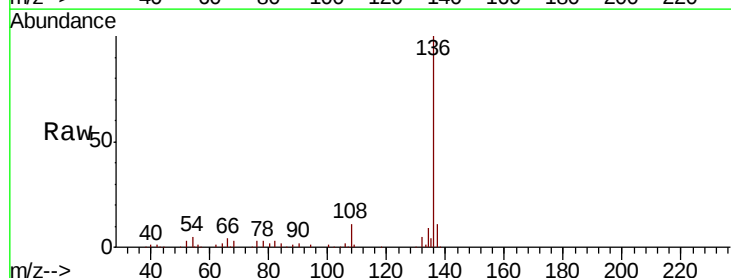
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 16370
Ion Ratio Lower Upper
70 100
42 38.5 38.8 58.2#
101 0.0 9.0 13.6#
130 0.0 20.0 30.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG042693.D
Acq: 3 Sep 2019 17:51

Tgt Ion: 136 Resp: 132931
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 5.2 4.9 7.3
68 3.1 3.6 5.4#

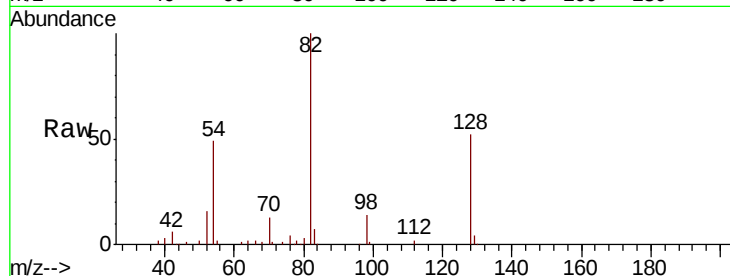




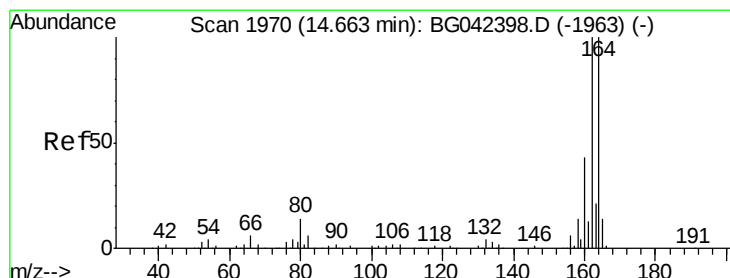
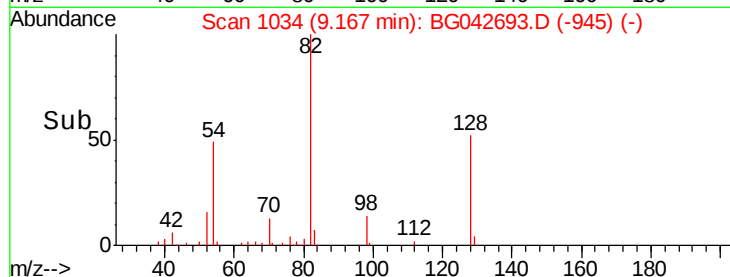
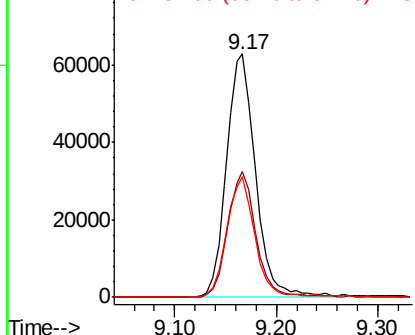
#23
Nitrobenzene-d5
Concen: 64.944 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042693.D
Acq: 3 Sep 2019 17:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	124929
Ion Ratio	Lower	Upper	
82	100		
128	51.9	40.7	61.1
54	49.5	36.3	54.5

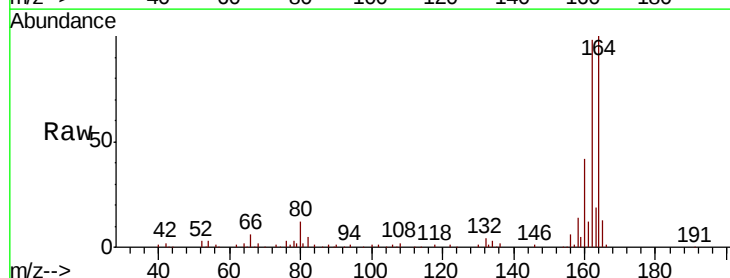


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

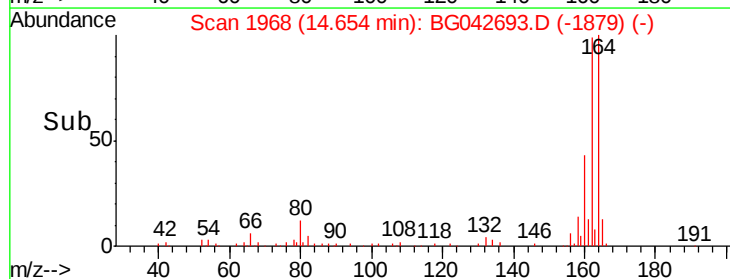
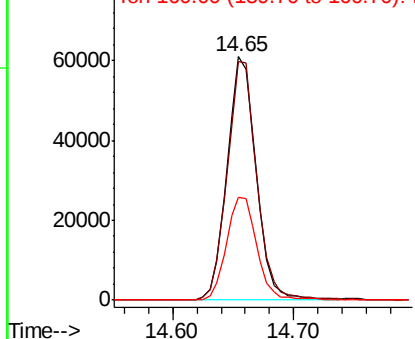


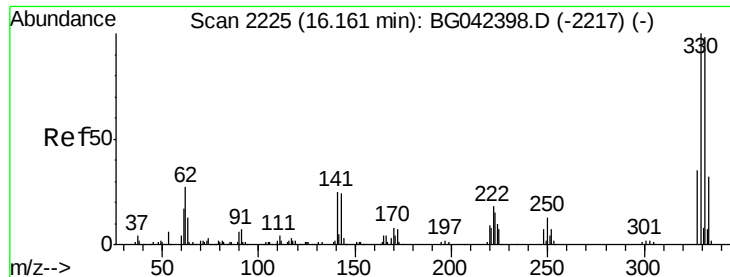
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG042693.D
Acq: 3 Sep 2019 17:51

Tgt Ion	164	Resp	102170
Ion Ratio	Lower	Upper	
164	100		
162	98.0	79.9	119.9
160	42.4	34.3	51.5



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





#42

2,4,6-Tribromophenol

Concen: 104.937 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042693.D

Acq: 3 Sep 2019 17:51

Instrument :

BNA_G

ClientSampleId :

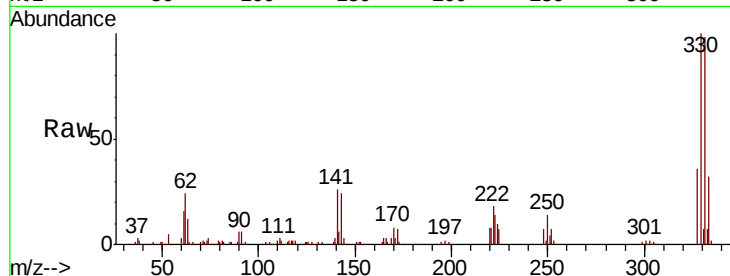
Tot Ion:330 Resp: 152388

Ion Ratio Lower Upper

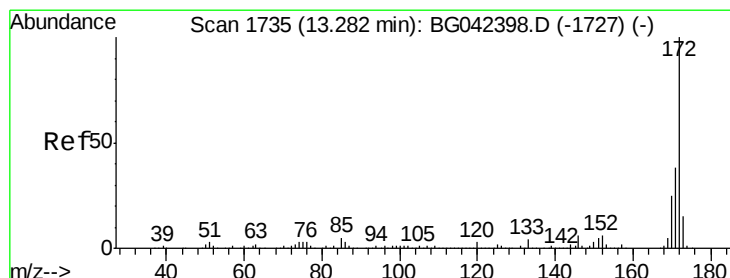
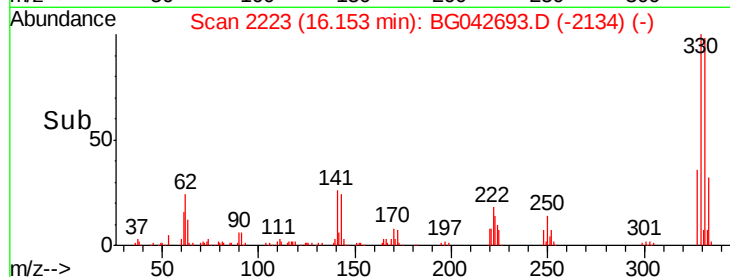
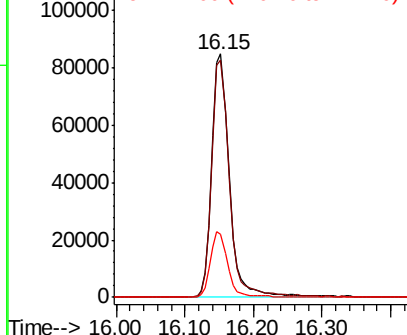
330 100

332 96.5 77.4 116.0

141 26.3 21.4 32.0



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: 64.947 ng

RT: 13.27 min Scan# 1733

Delta R.T. -0.01 min

Lab File: BG042693.D

Acq: 3 Sep 2019 17:51

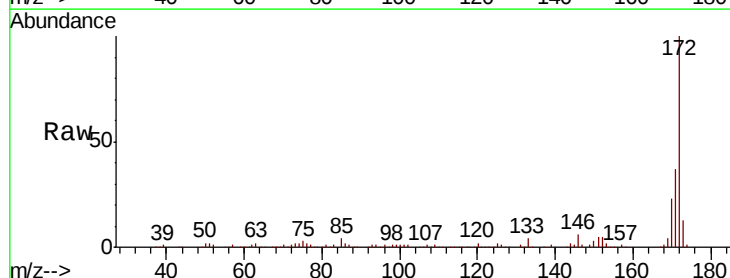
Tgt Ion:172 Resp: 392343

Ion Ratio Lower Upper

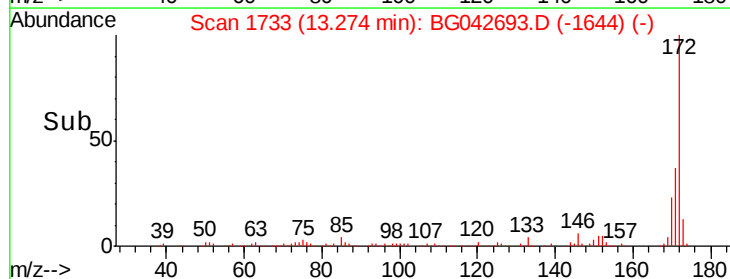
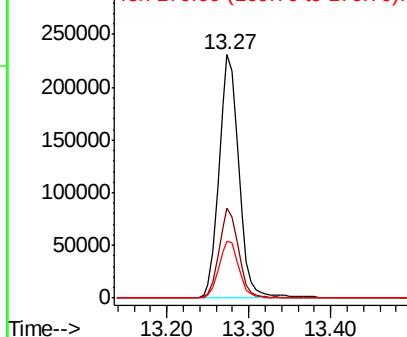
172 100

171 36.8 30.5 45.7

170 23.4 20.2 30.2



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: 10.236 ng

RT: 14.11 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG042693.D

Acq: 3 Sep 2019 17:51

Instrument :

BNA_G

ClientSampleId :

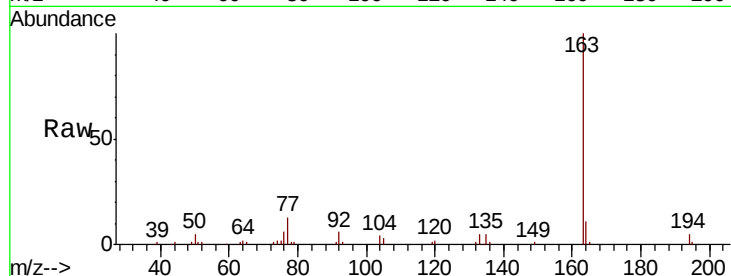
Tot Ion:163 Resp: 75458

Ion Ratio Lower Upper

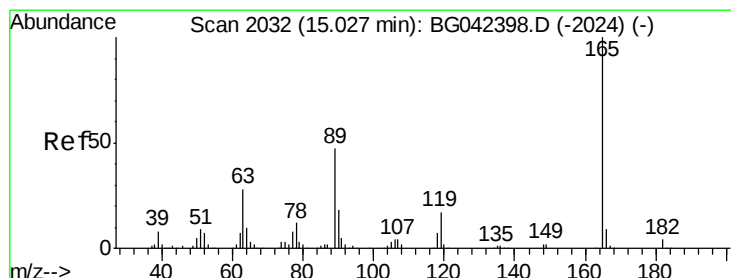
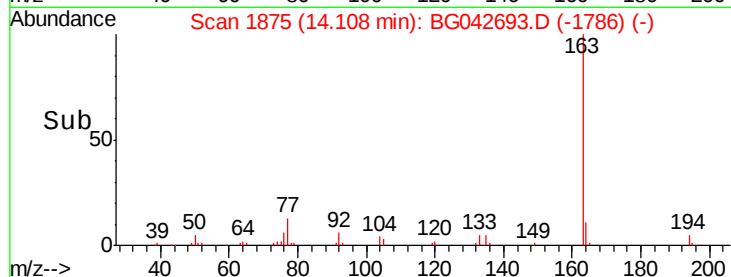
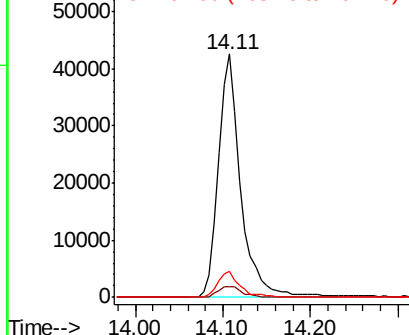
163 100

194 4.5 4.2 6.2

164 10.5 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: 5.457 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.37 min

Lab File: BG042693.D

Acq: 3 Sep 2019 17:51

Tgt Ion:165 Resp: 13354

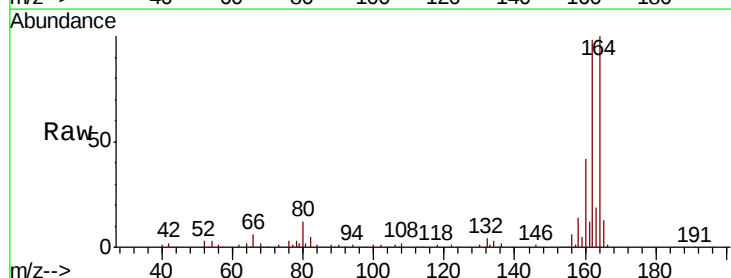
Ion Ratio Lower Upper

165 100

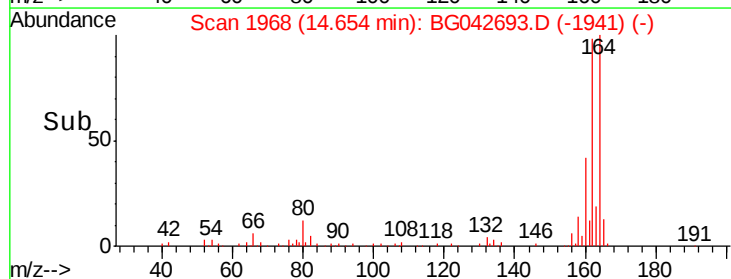
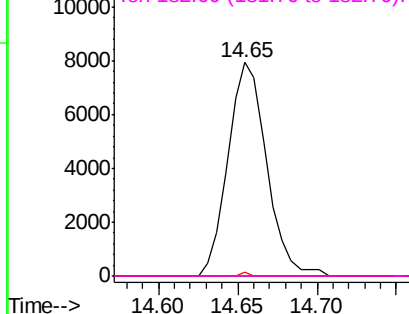
63 0.0 22.5 33.7#

89 1.9 37.8 56.6#

182 0.0 3.0 4.4#



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: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG042693.D

Acq: 3 Sep 2019 17:51

Instrument :

BNA_G

ClientSampleId :

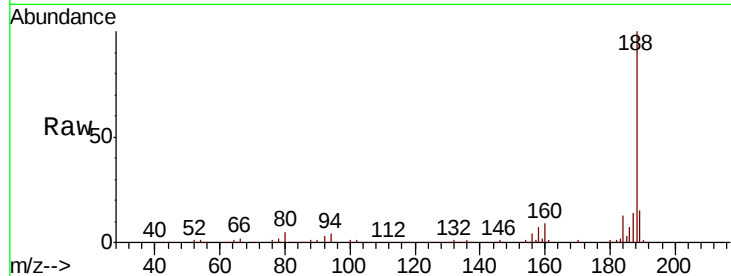
Tot Ion:188 Resp: 238798

Ion Ratio Lower Upper

188 100

94 4.2 4.5 6.7#

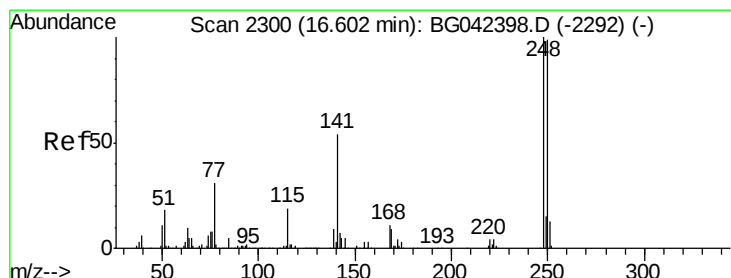
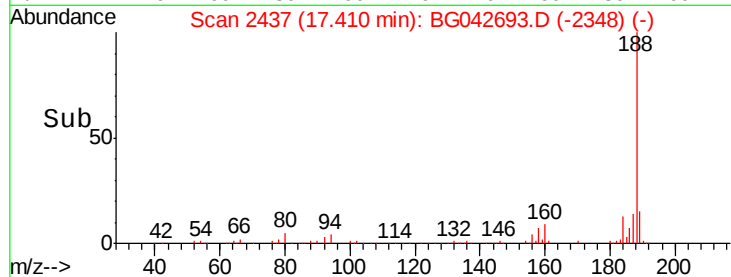
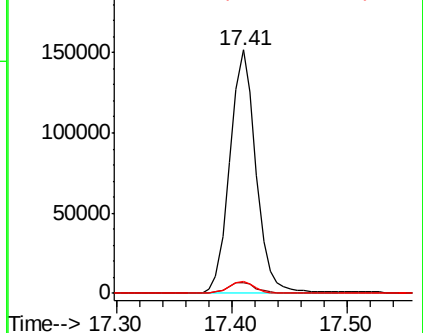
80 5.0 4.9 7.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#67

4-Bromophenyl-phenylether

Concen: 3.304 ng

RT: 16.15 min Scan# 2222

Delta R.T. -0.45 min

Lab File: BG042693.D

Acq: 3 Sep 2019 17:51

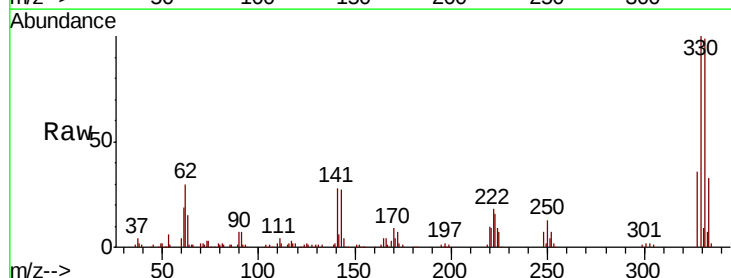
Tgt Ion:248 Resp: 10008

Ion Ratio Lower Upper

248 100

250 181.5 78.9 118.3#

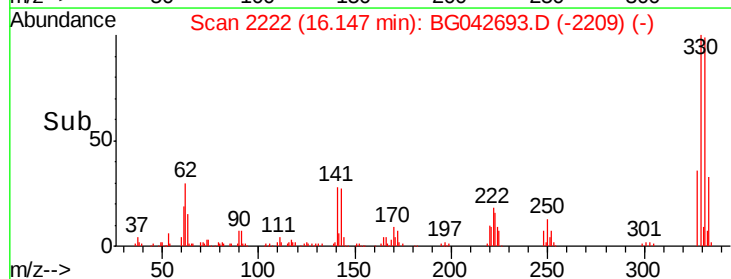
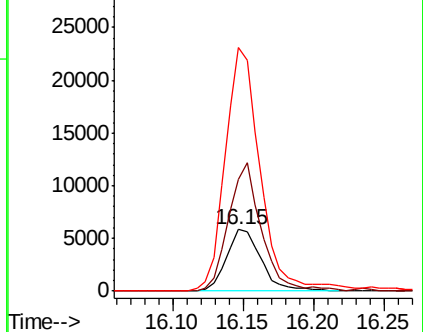
141 395.3 43.3 64.9#



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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.01 min

Lab File: BG042693.D

Acq: 3 Sep 2019 17:51

Instrument :

BNA_G

ClientSampleId :

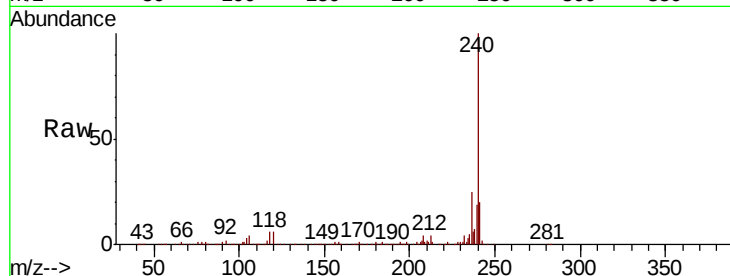
Tot Ion:240 Resp: 258280

Ion Ratio Lower Upper

240 100

120 6.2 5.7 8.5

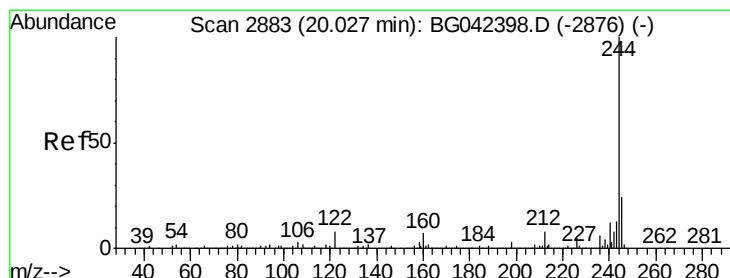
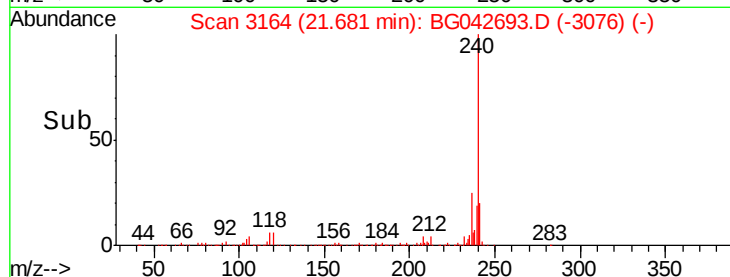
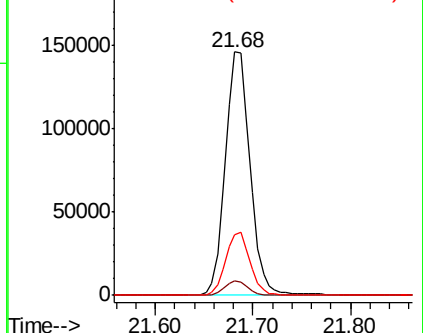
236 25.0 21.0 31.4



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: 56.024 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG042693.D

Acq: 3 Sep 2019 17:51

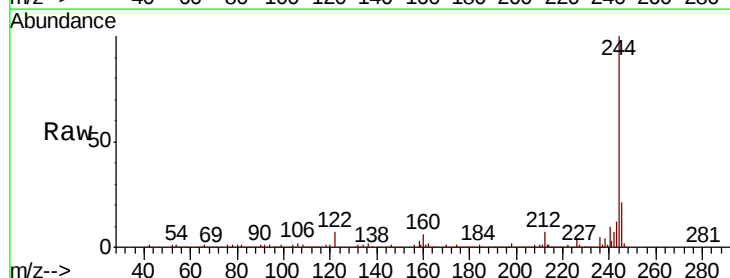
Tgt Ion:244 Resp: 669309

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

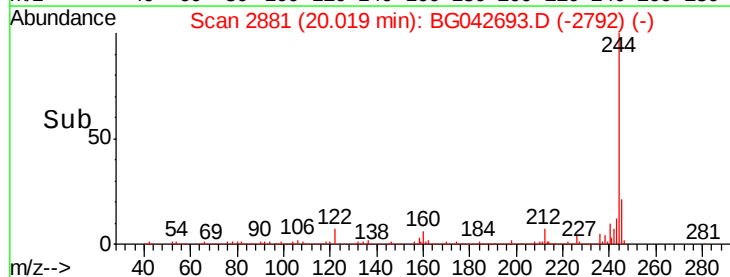
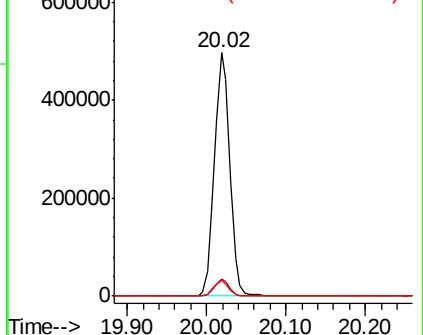
122 6.6 6.7 10.1#

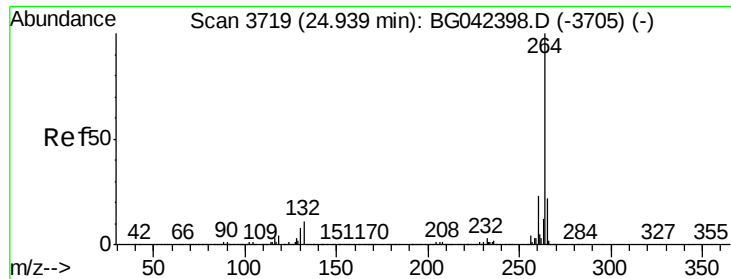


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.92 min Scan# 3716
Delta R.T. -0.01 min
Lab File: BG042693.D
Acq: 3 Sep 2019 17:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.5	27.7
265	21.4	17.6	26.4

