

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083019\
 Data File : BG042620.D
 Acq On : 31 Aug 2019 3:40
 Operator : HP/JU
 Sample : K4591-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 31 05:11:07 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

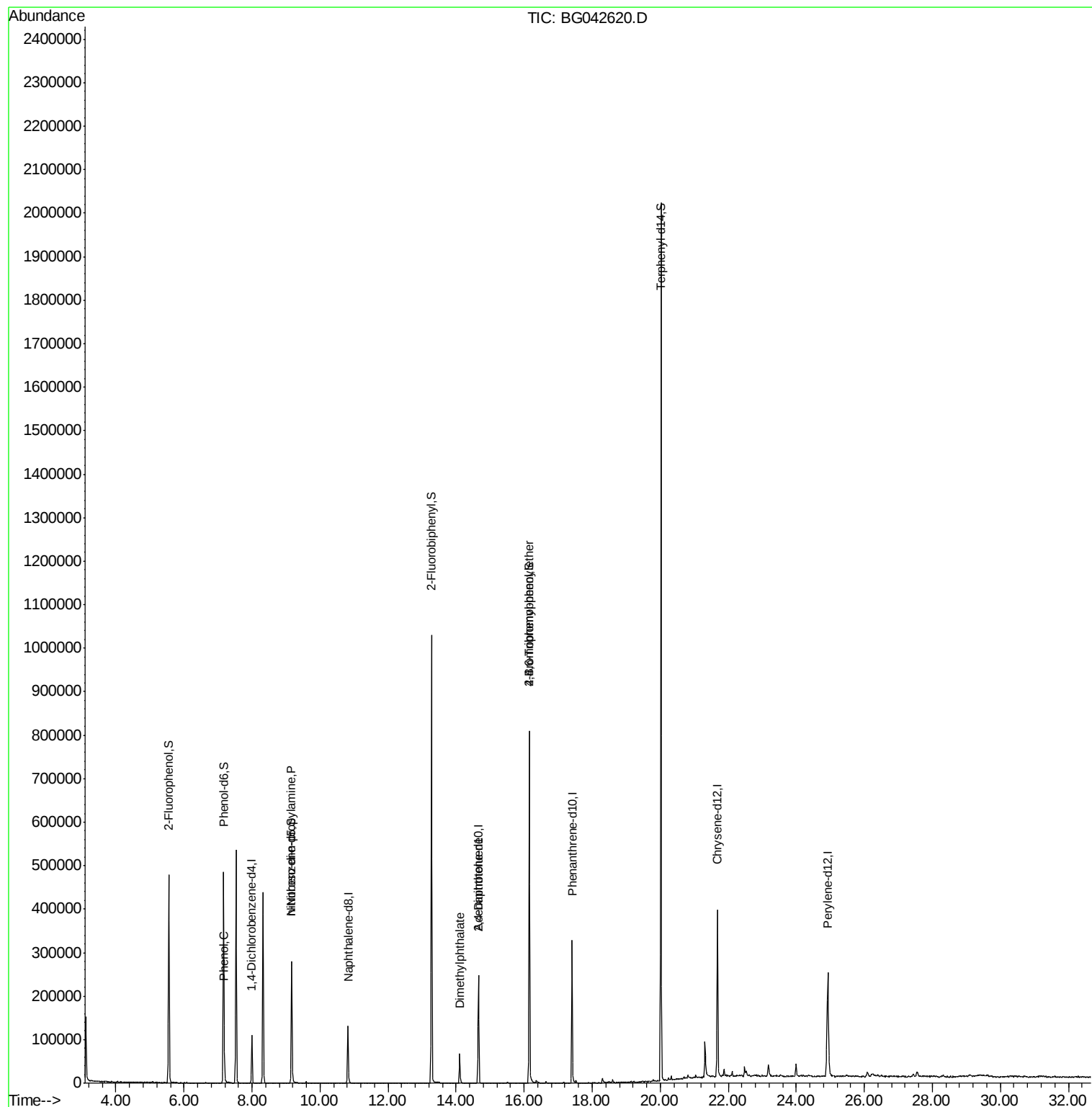
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	37296	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	140128	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	104551	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	237518	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	248949	20.00	ng	-0.01
87) Perylene-d12	24.92	264	291632	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	238169	129.33	ng	0.00
7) Phenol-d6	7.16	99	318288	127.96	ng	0.00
23) Nitrobenzene-d5	9.16	82	181339	89.43	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	209121	140.73	ng	-0.01
45) 2-Fluorobiphenyl	13.27	172	606356	98.09	ng	0.00
79) Terphenyl-d14	20.02	244	1049762	91.16	ng	0.00
Target Compounds						
10) Phenol	7.19	94	16044	6.344	ng	80
19) n-Nitroso-di-n-propylamine	9.17	70	23293	14.454	ng	# 76
50) Dimethylphthalate	14.10	163	65563	8.691	ng	99
57) 2,4-Dinitrotoluene	14.66	165	13875	5.541	ng	# 40
67) 4-Bromophenyl-phenylether	16.15	248	14229	4.723	ng	# 1

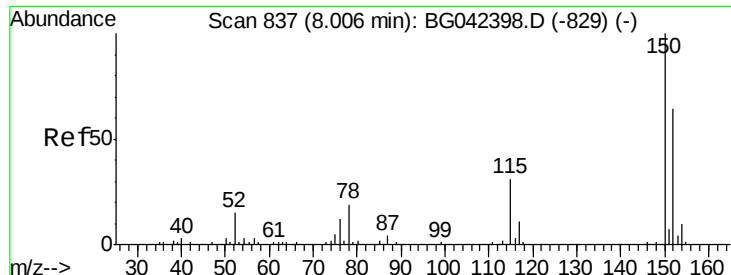
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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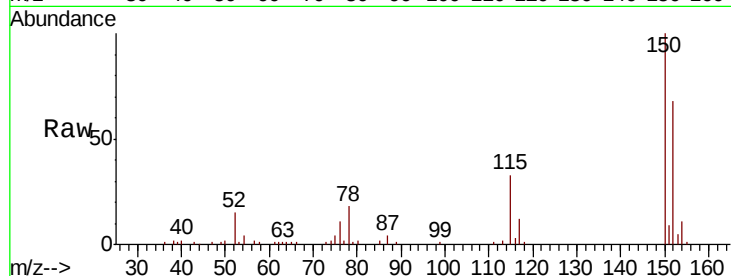


#1

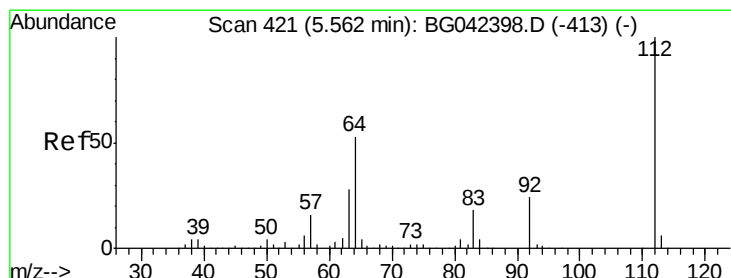
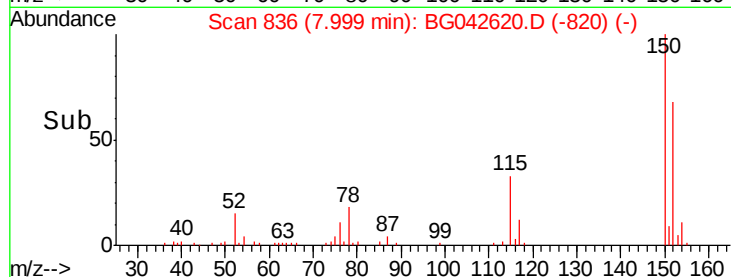
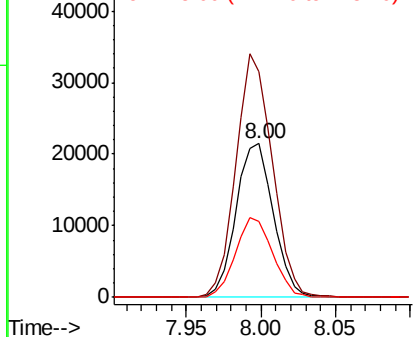
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042620.D
Acq: 31 Aug 2019 3:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 37296
Ion Ratio Lower Upper
152 100
150 147.2 125.4 188.0
115 49.0 38.5 57.7



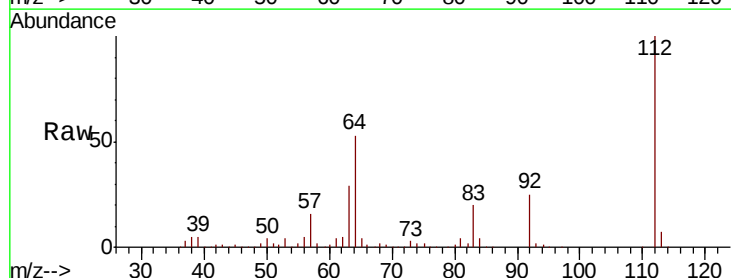
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



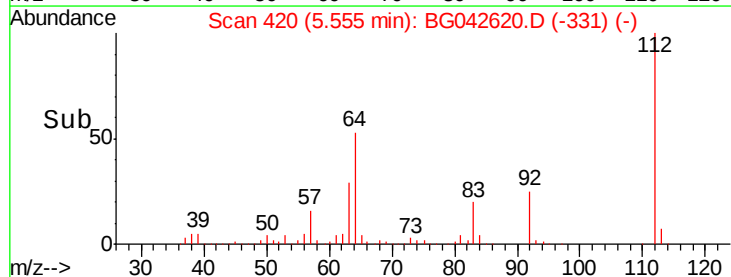
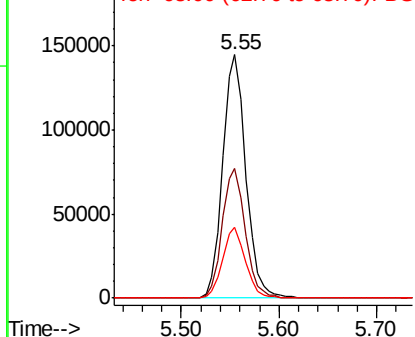
#5

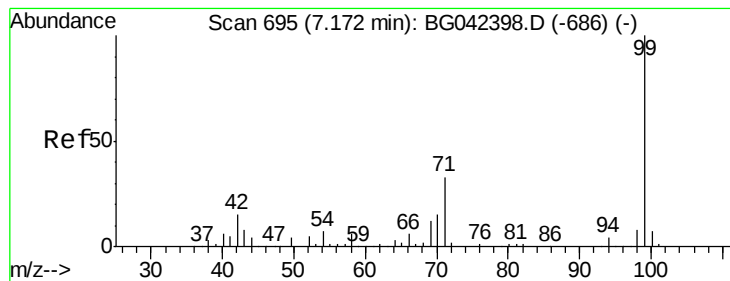
2-Fluorophenol
Concen: 129.333 ng
RT: 5.55 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042620.D
Acq: 31 Aug 2019 3:40

Tgt Ion:112 Resp: 238169
Ion Ratio Lower Upper
112 100
64 53.3 42.8 64.2
63 29.2 22.7 34.1



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





#7

Phenol-d6

Concen: 127.957 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042620.D

Acq: 31 Aug 2019 3:40

Instrument :

BNA_G

ClientSampled :

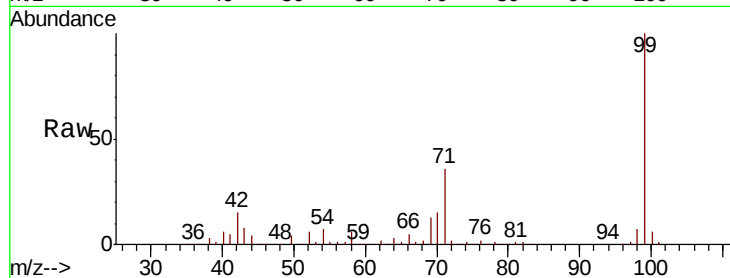
Tot Ion: 99 Resp: 318288

Ion Ratio Lower Upper

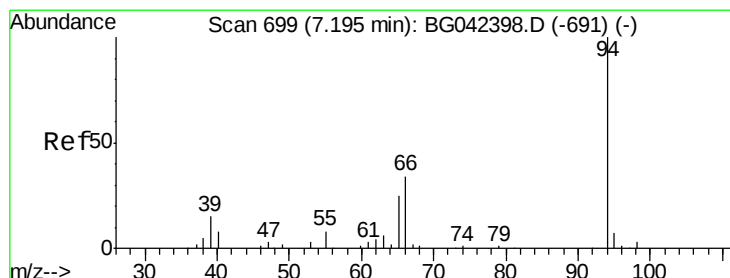
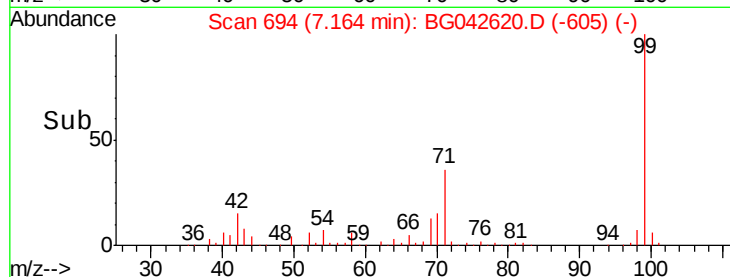
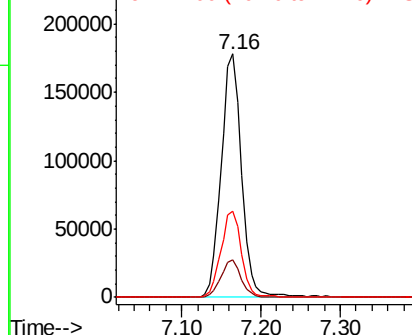
99 100

42 15.4 12.0 18.0

71 35.5 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: 6.344 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042620.D

Acq: 31 Aug 2019 3:40

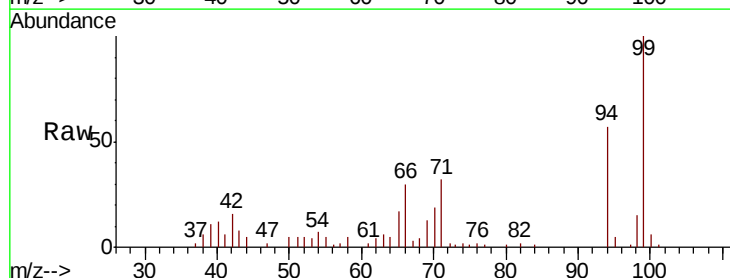
Tgt Ion: 94 Resp: 16044

Ion Ratio Lower Upper

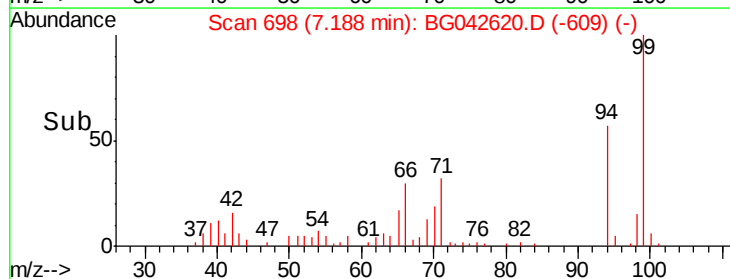
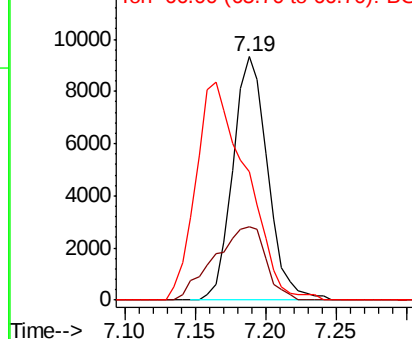
94 100

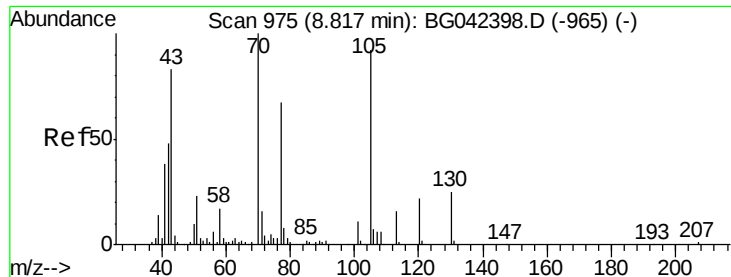
65 30.4 5.6 45.6

66 52.5 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

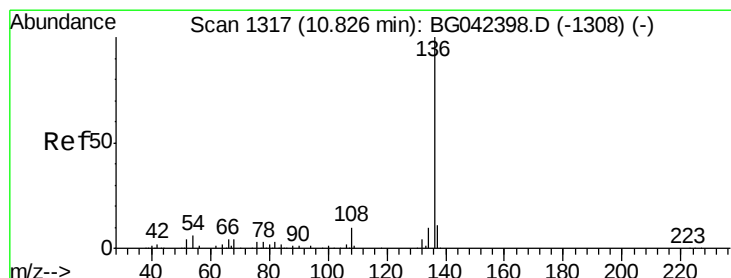
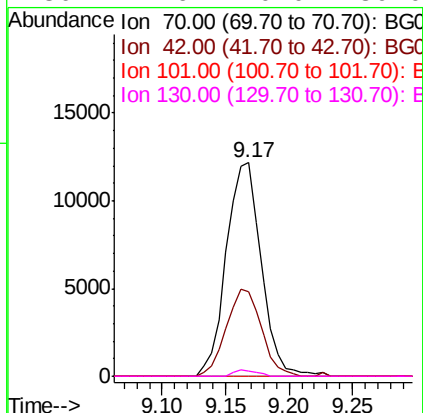
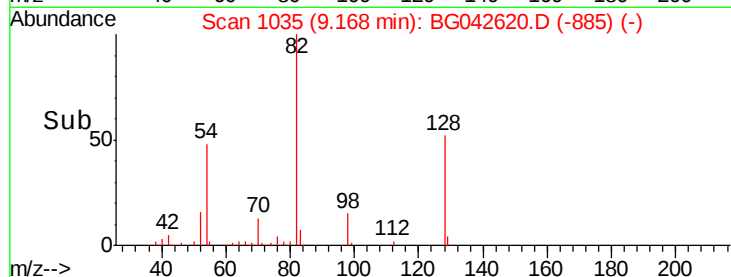
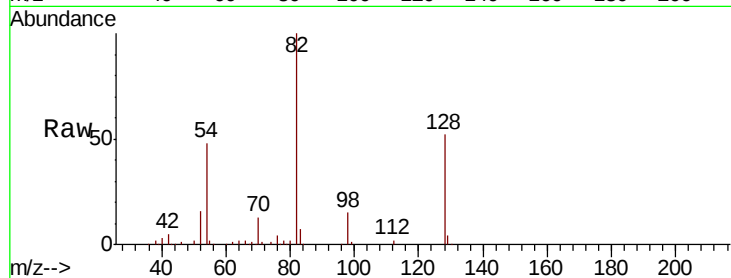




#19
n-Nitroso-di-n-propylamine
Concen: 14.454 ng
RT: 9.17 min Scan# 1035
Delta R.T. 0.35 min
Lab File: BG042620.D
Acq: 31 Aug 2019 3:40

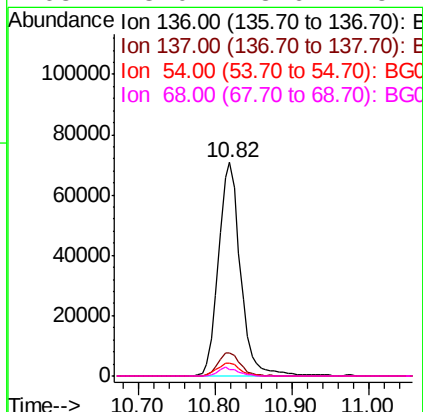
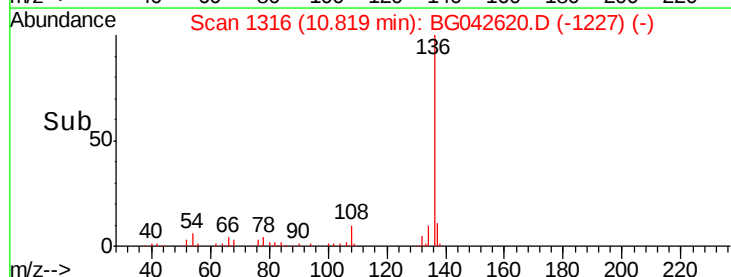
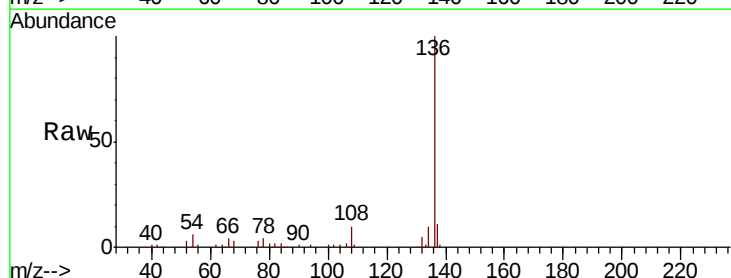
Instrument :
BNA_G
ClientSampleId :

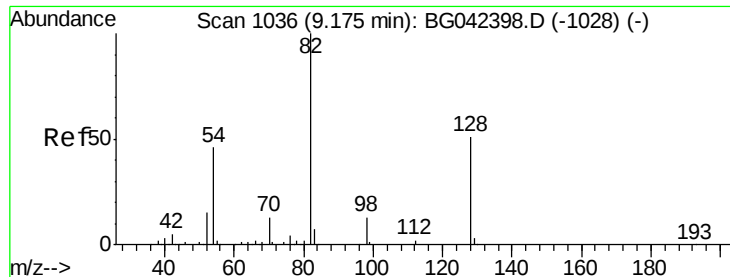
Tot Ion: 70 Resp: 23293
Ion Ratio Lower Upper
70 100
42 39.7 38.8 58.2
101 0.0 9.0 13.6#
130 2.6 20.0 30.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042620.D
Acq: 31 Aug 2019 3:40

Tgt Ion: 136 Resp: 140128
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 6.1 4.9 7.3
68 3.0 3.6 5.4#

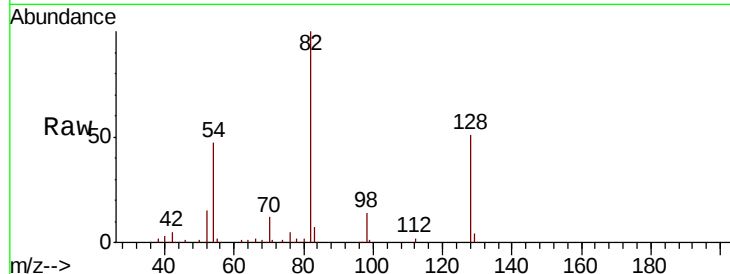




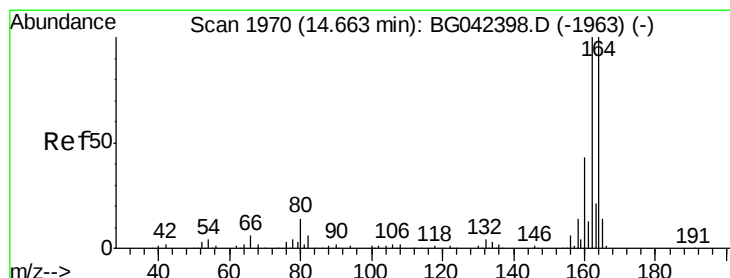
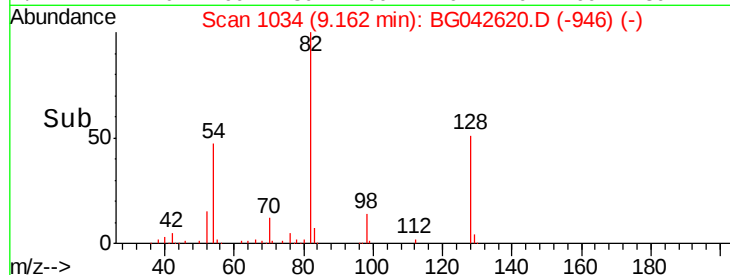
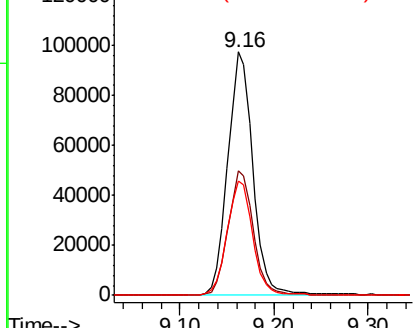
#23
Nitrobenzene-d5
Concen: 89.427 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042620.D
Acq: 31 Aug 2019 3:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	181339
Ion Ratio	100	Lower	Upper
128	51.1	40.7	61.1
54	47.0	36.3	54.5

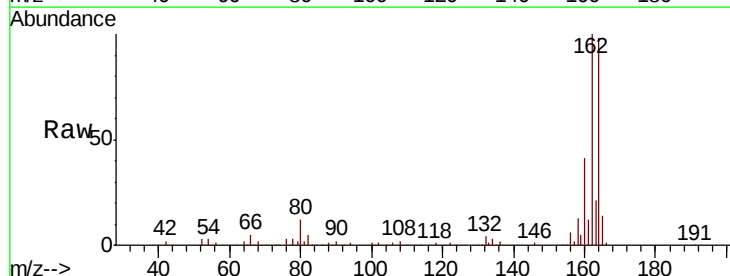


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

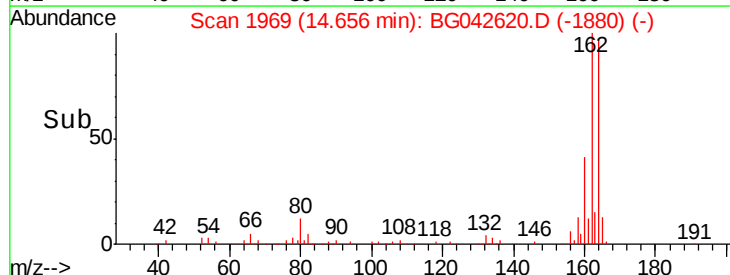
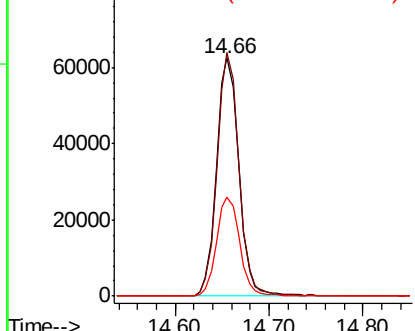


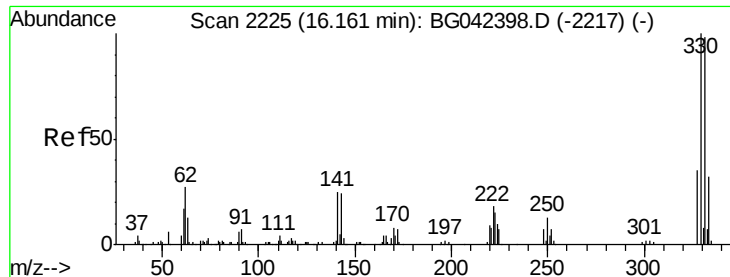
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042620.D
Acq: 31 Aug 2019 3:40

Tgt Ion	164	Resp	104551
Ion Ratio	100	Lower	Upper
162	102.1	79.9	119.9
160	41.7	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

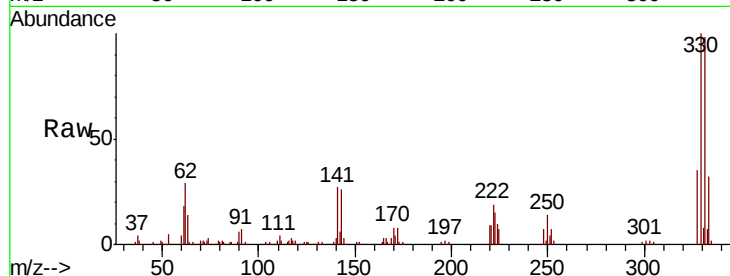




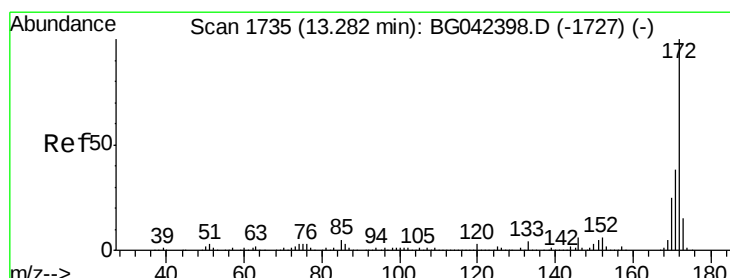
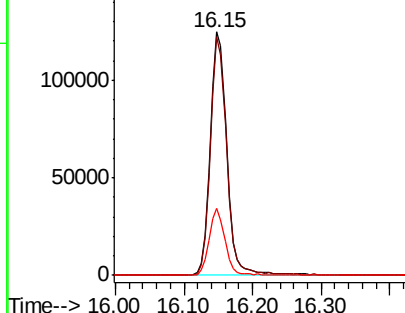
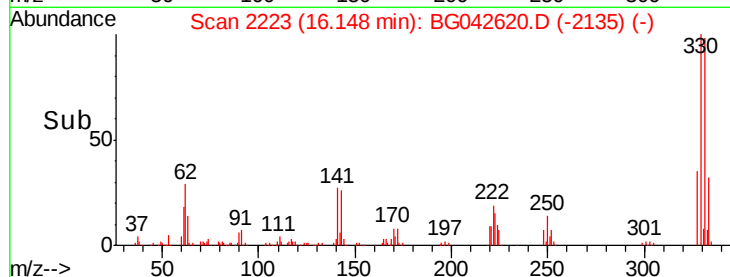
#42
 2,4,6-Tribromophenol
 Concen: 140.725 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BG042620.D
 Acq: 31 Aug 2019 3:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.4	116.0
141	26.4	21.4	32.0

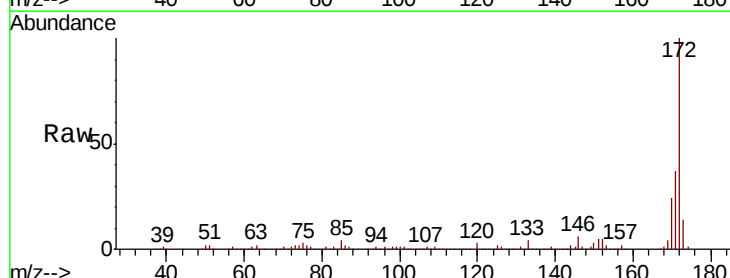


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

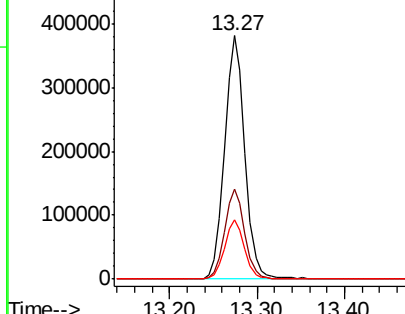
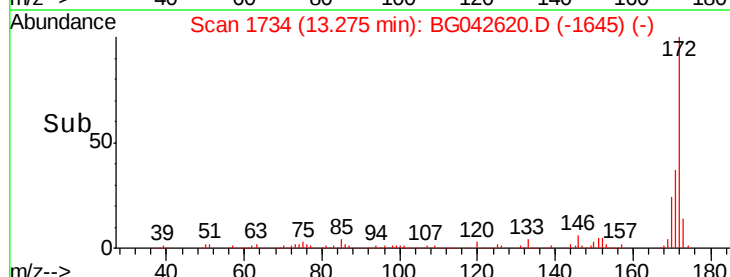


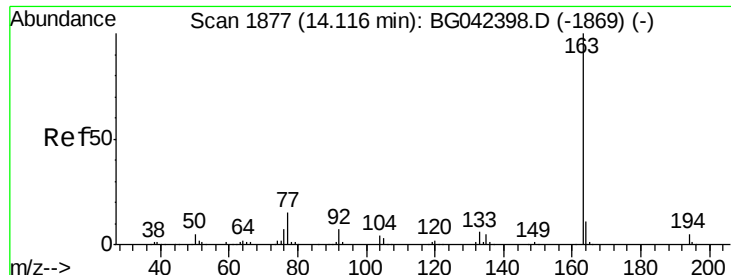
#45
 2-Fluorobiphenyl
 Concen: 98.088 ng
 RT: 13.27 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042620.D
 Acq: 31 Aug 2019 3:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.5	45.7
170	24.2	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: 8.691 ng

RT: 14.10 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG042620.D

Acq: 31 Aug 2019 3:40

Instrument :

BNA_G

ClientSampled :

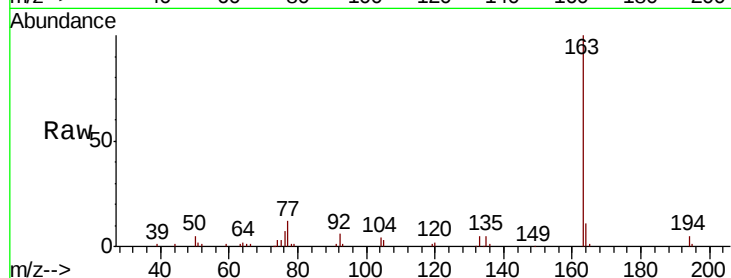
Tot Ion:163 Resp: 65563

Ion Ratio Lower Upper

163 100

194 4.8 4.2 6.2

164 10.5 8.8 13.2

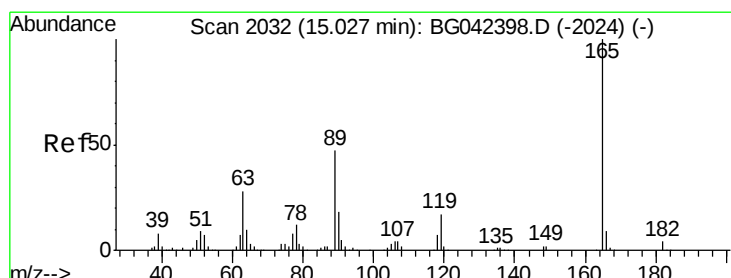
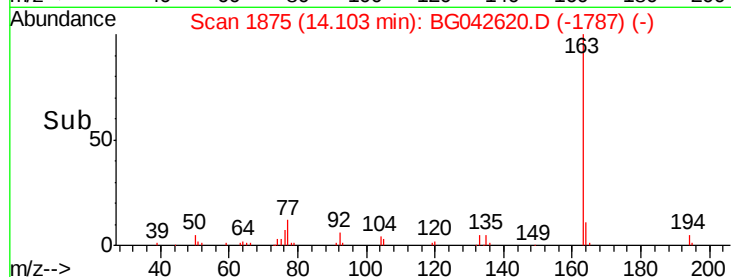
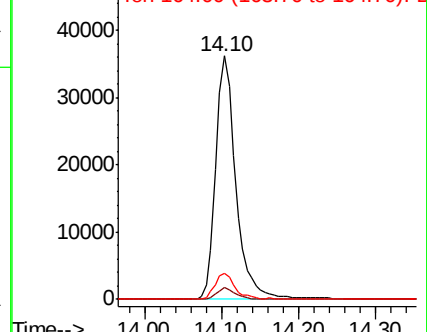


Abundance

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: 5.541 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.37 min

Lab File: BG042620.D

Acq: 31 Aug 2019 3:40

Tgt Ion:165 Resp: 13875

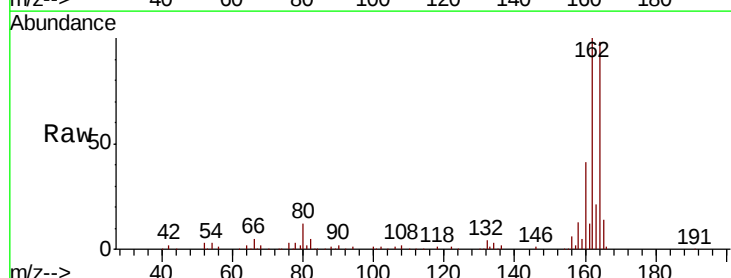
Ion Ratio Lower Upper

165 100

63 0.0 22.5 33.7#

89 1.8 37.8 56.6#

182 0.0 3.0 4.4#



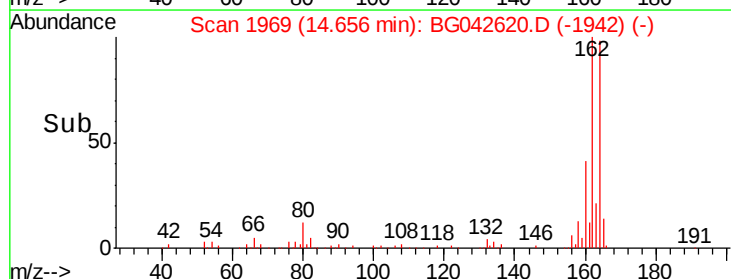
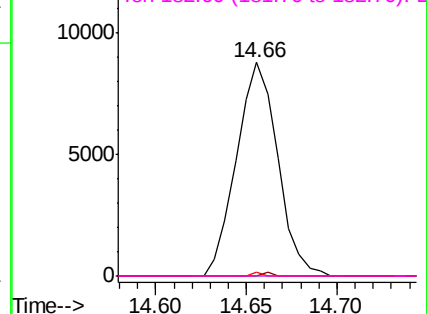
Abundance

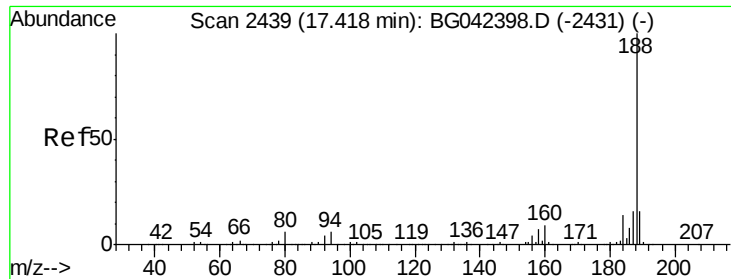
Ion 165.00 (164.70 to 165.70): E

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: BG042620.D

Acq: 31 Aug 2019 3:40

Instrument :

BNA_G

ClientSampleId :

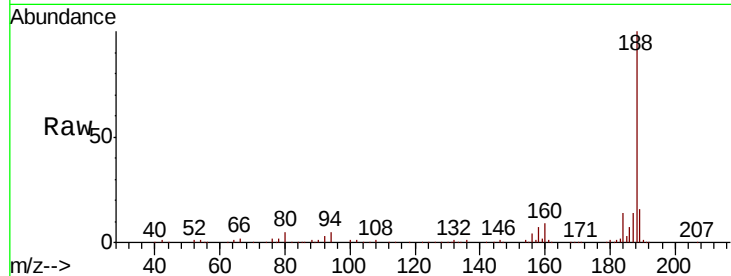
Tot Ion:188 Resp: 237518

Ion Ratio Lower Upper

188 100

94 5.1 4.5 6.7

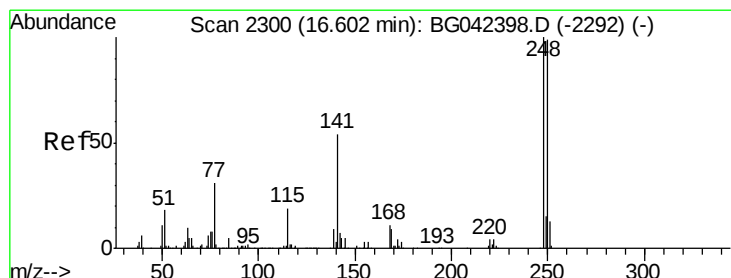
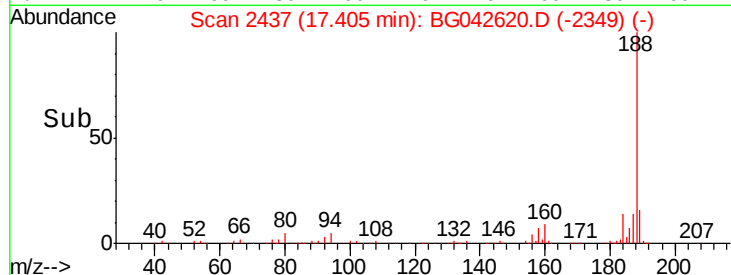
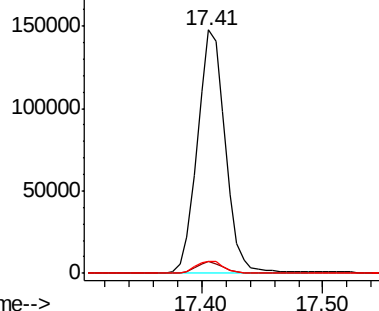
80 5.1 4.9 7.3



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



#67

4-Bromophenyl-phenylether

Concen: 4.723 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.45 min

Lab File: BG042620.D

Acq: 31 Aug 2019 3:40

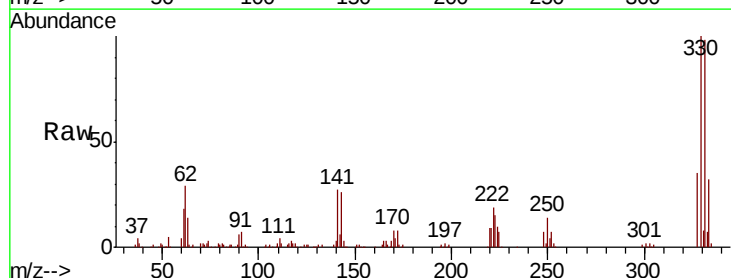
Tgt Ion:248 Resp: 14229

Ion Ratio Lower Upper

248 100

250 195.6 78.9 118.3#

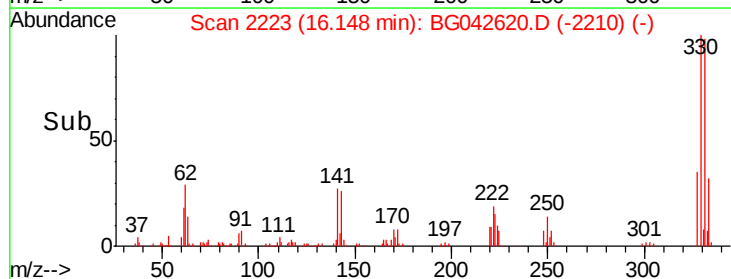
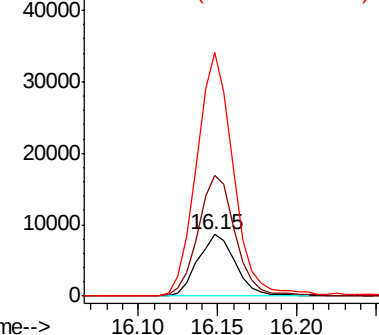
141 395.5 43.3 64.9#

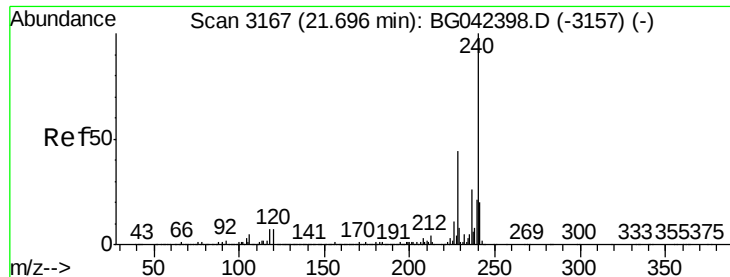


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

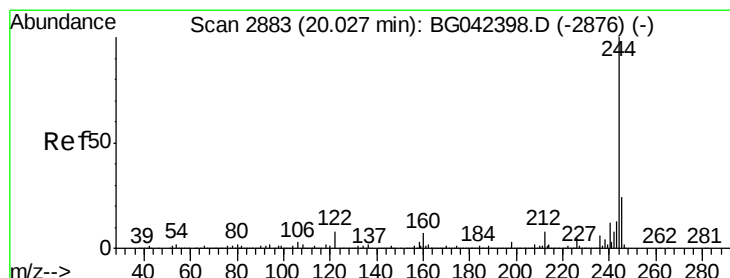
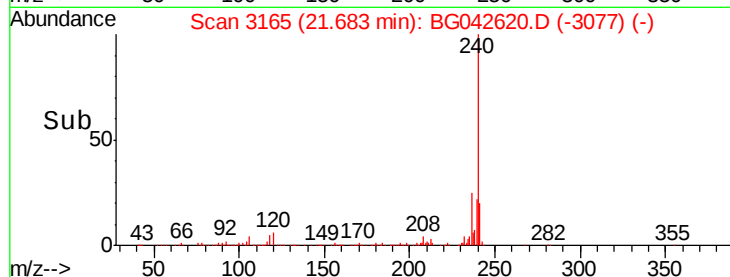
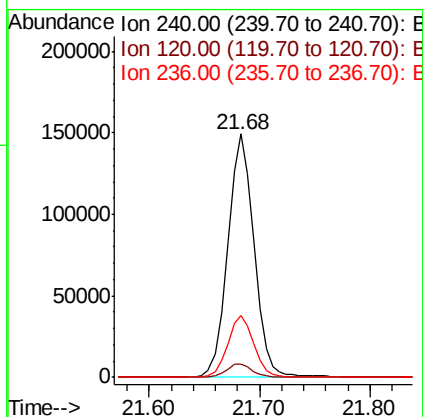
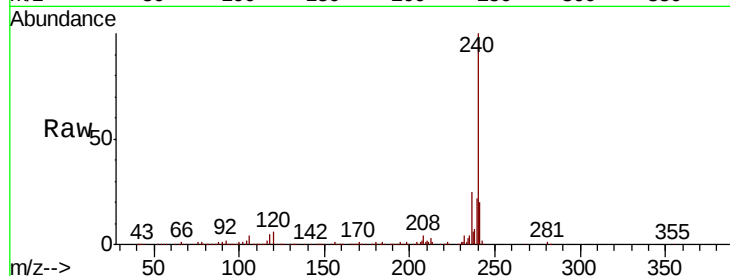




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042620.D
Acq: 31 Aug 2019 3:40

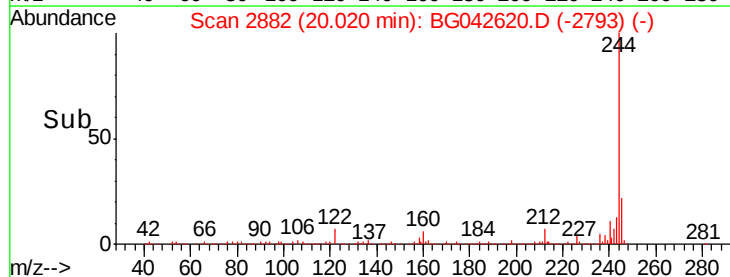
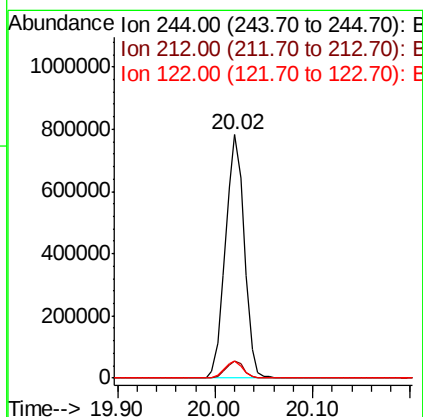
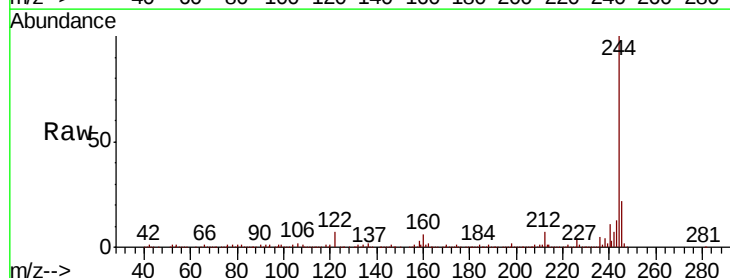
Instrument :
BNA_G
ClientSampleId :

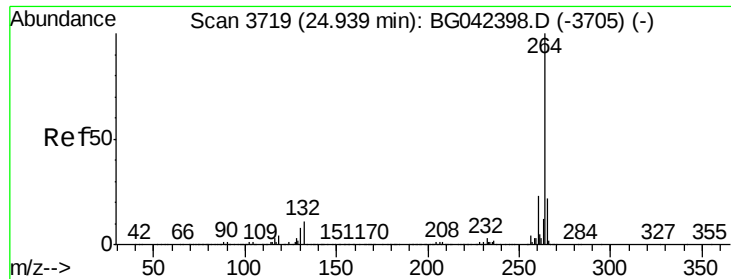
Tot Ion:240 Resp: 248949
Ion Ratio Lower Upper
240 100
120 5.5 5.7 8.5#
236 25.1 21.0 31.4



#79
Terphenyl-d14
Concen: 91.163 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.01 min
Lab File: BG042620.D
Acq: 31 Aug 2019 3:40

Tgt Ion:244 Resp: 1049762
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 6.9 6.7 10.1

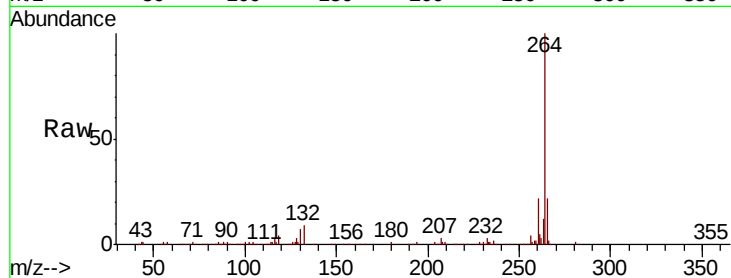




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.92 min Scan# 3716
 Delta R.T. -0.02 min
 Lab File: BG042620.D
 Acq: 31 Aug 2019 3:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.5	27.7
265	21.8	17.6	26.4



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

