

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082719\
 Data File : BG042521.D
 Acq On : 28 Aug 2019 1:56
 Operator : HP/JU
 Sample : K4516-17
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 28 04:03:47 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

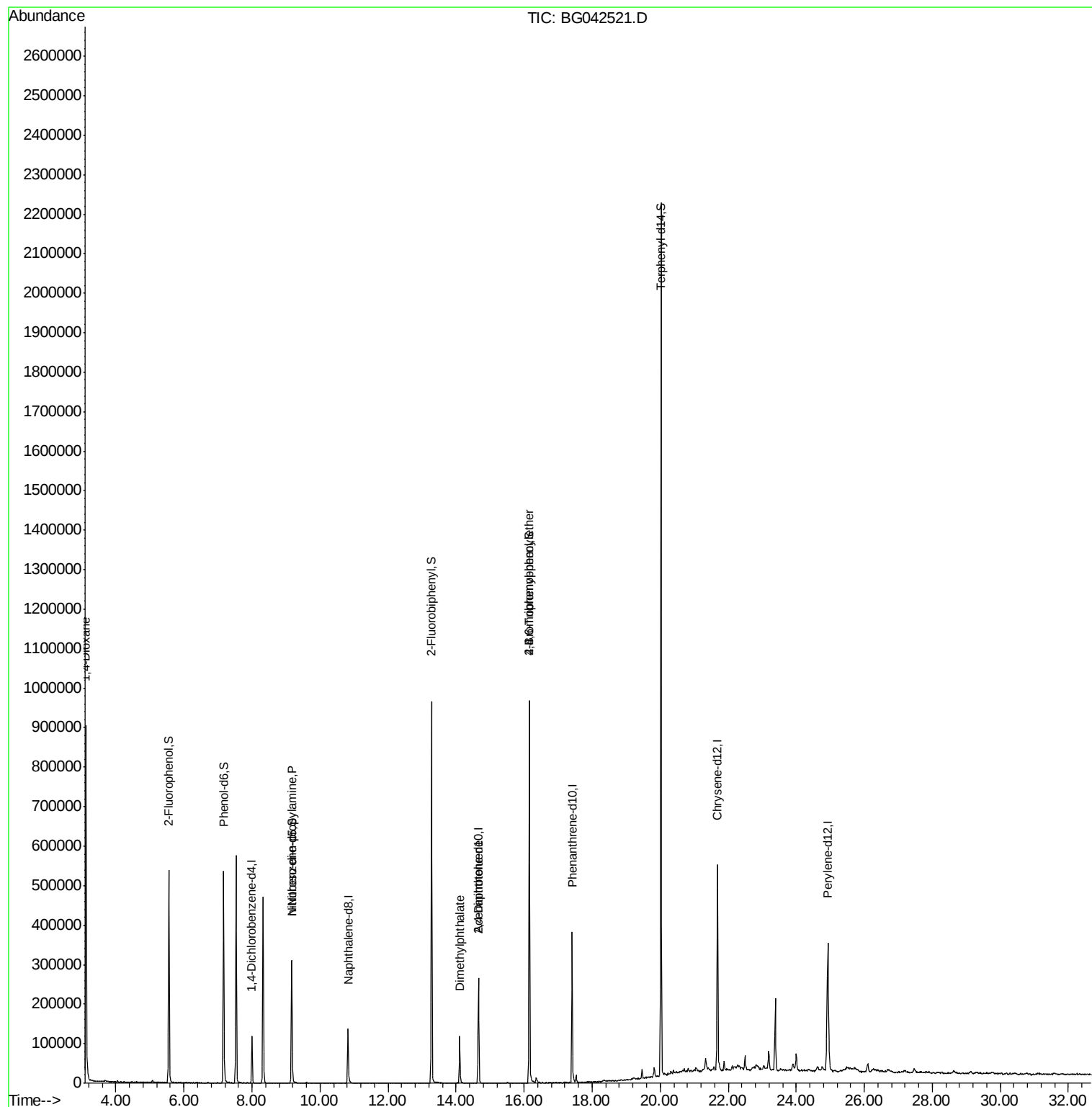
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	39129	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	146222	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	109095	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	267855	20.00	ng	0.00
76) Chrysene-d12	21.68	240	323702	20.00	ng	-0.01
87) Perylene-d12	24.93	264	377145	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	269975	139.74	ng	0.00
7) Phenol-d6	7.17	99	362076	138.74	ng	0.00
23) Nitrobenzene-d5	9.16	82	210447	99.46	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	245403	158.26	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	585076	90.70	ng	0.00
79) Terphenyl-d14	20.02	244	1170213	78.16	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.12	88	8037	9.968	ng	# 1
19) n-Nitroso-di-n-propylamine	9.16	70	27803	16.444	ng	# 73
50) Dimethylphthalate	14.10	163	102731	13.051	ng	97
57) 2,4-Dinitrotoluene	14.66	165	13939	5.335	ng	# 38
67) 4-Bromophenyl-phenylether	16.15	248	16744	4.928	ng	# 1

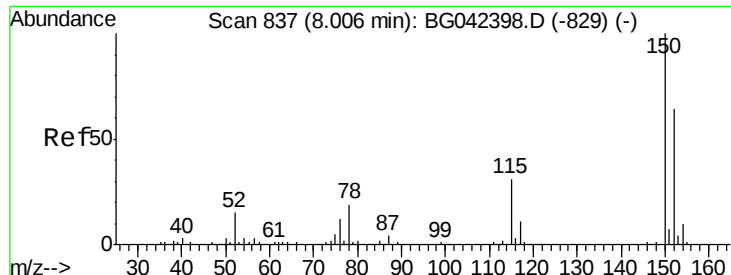
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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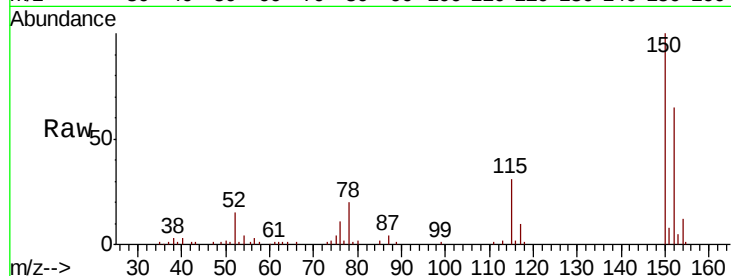


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042521.D
Acq: 28 Aug 2019 1:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	125.4	188.0
115	48.2	38.5	57.7

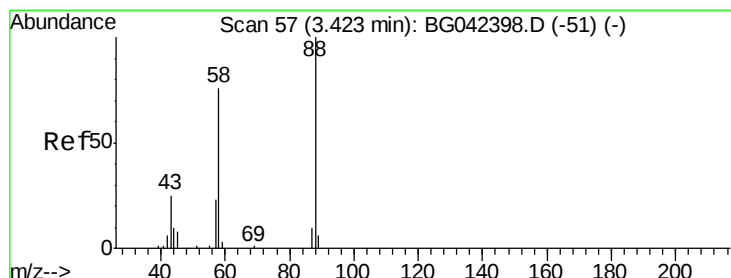
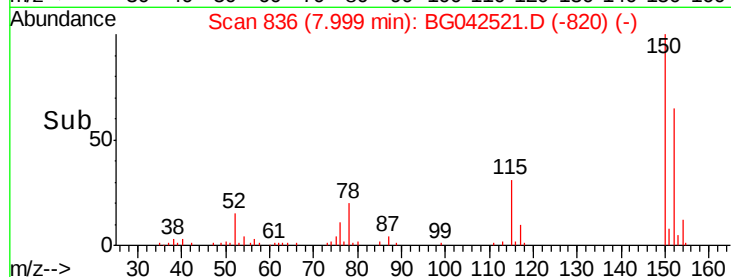
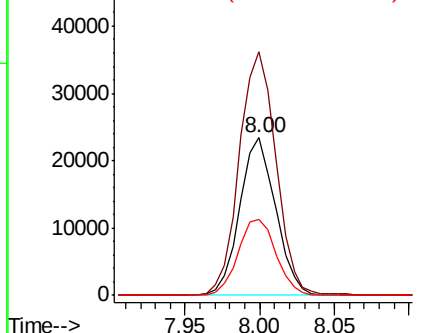


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

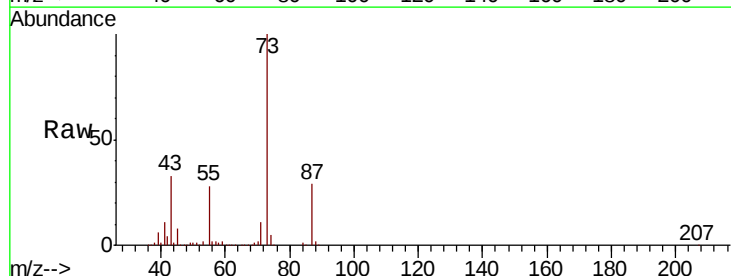
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 9.968 ng
RT: 3.12 min Scan# 5
Delta R.T. -0.31 min
Lab File: BG042521.D
Acq: 28 Aug 2019 1:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	26.3	58.3	87.5#
43	1968.0	20.2	30.2#

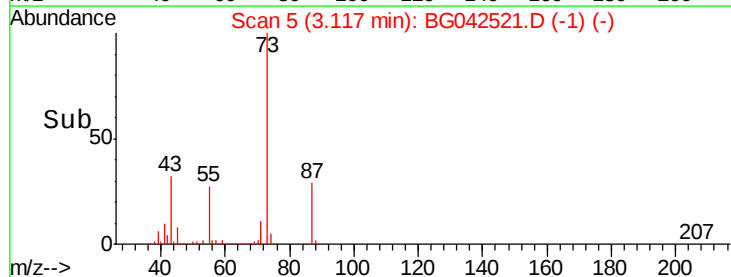
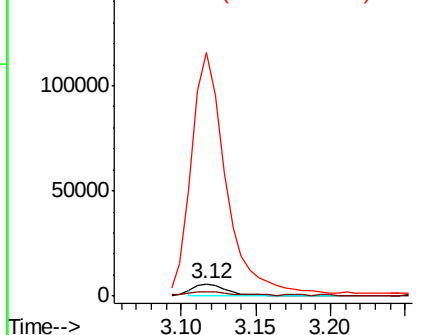


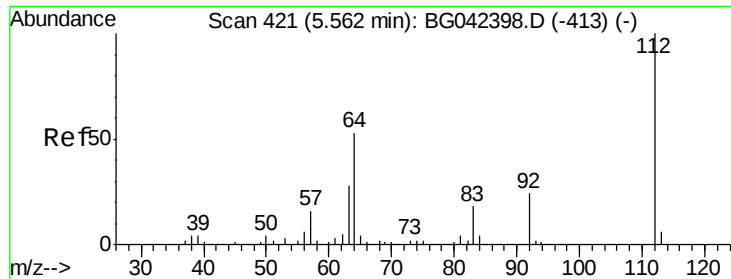
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 139.737 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG042521.D

Acq: 28 Aug 2019 1:56

Instrument :

BNA_G

ClientSampled :

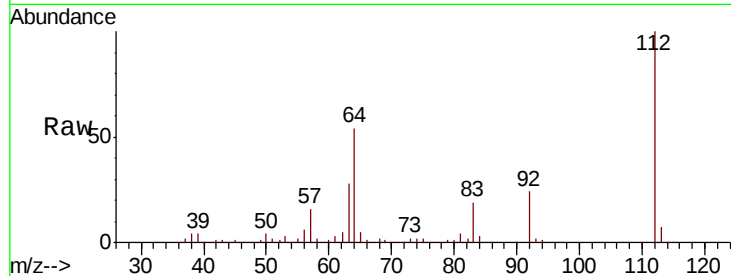
Tot Ion:112 Resp: 269975

Ion Ratio Lower Upper

112 100

64 53.6 42.8 64.2

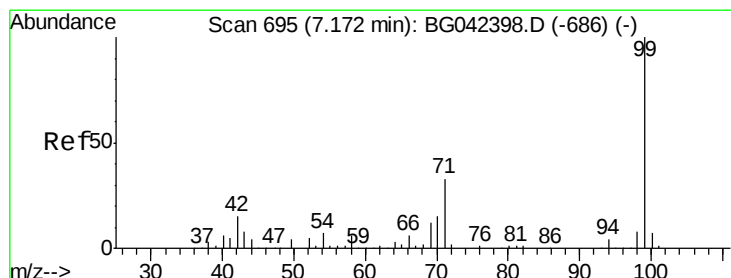
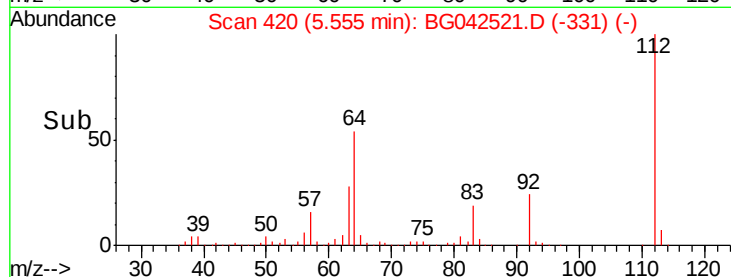
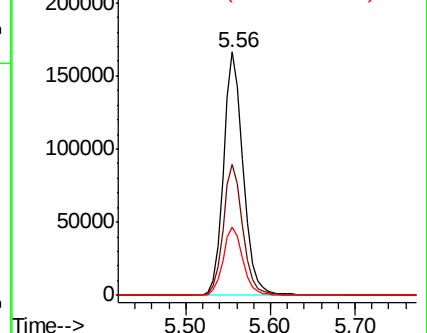
63 27.8 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 138.741 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042521.D

Acq: 28 Aug 2019 1:56

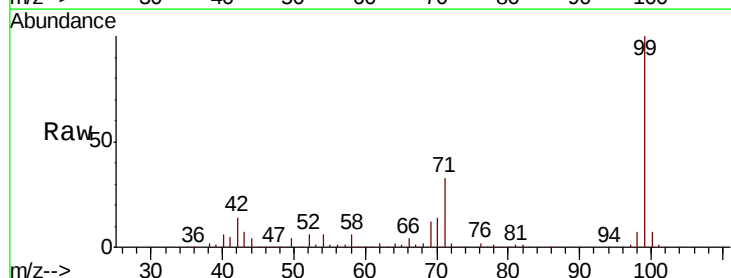
Tgt Ion: 99 Resp: 362076

Ion Ratio Lower Upper

99 100

42 14.4 12.0 18.0

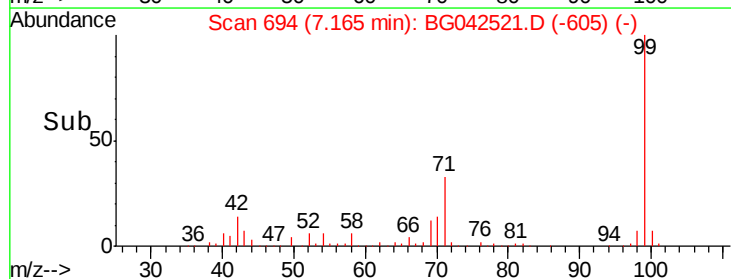
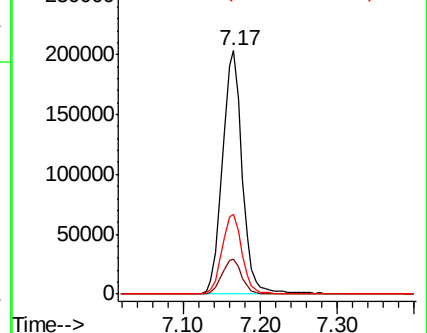
71 33.0 26.3 39.5

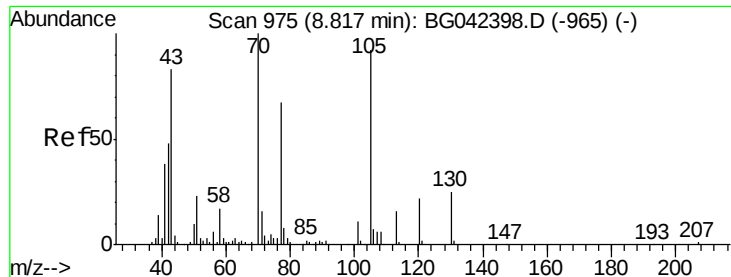


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

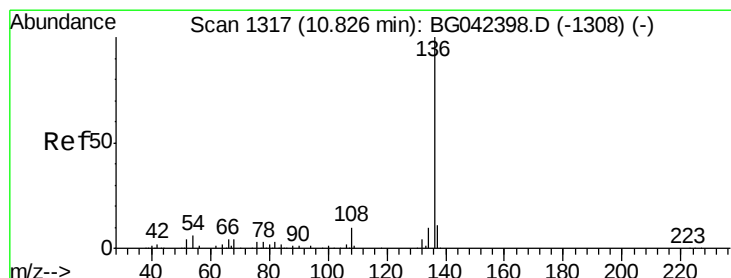
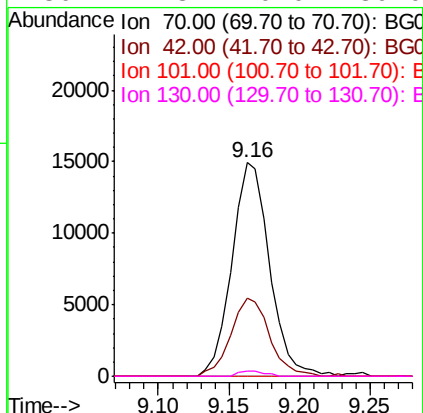
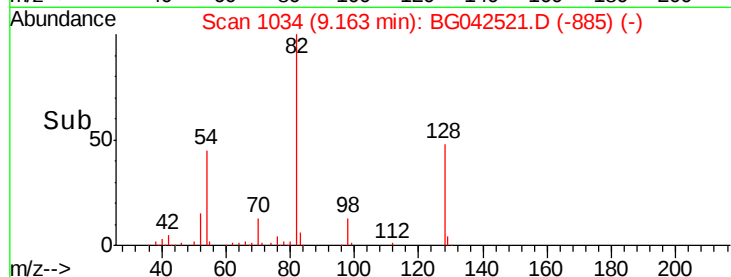
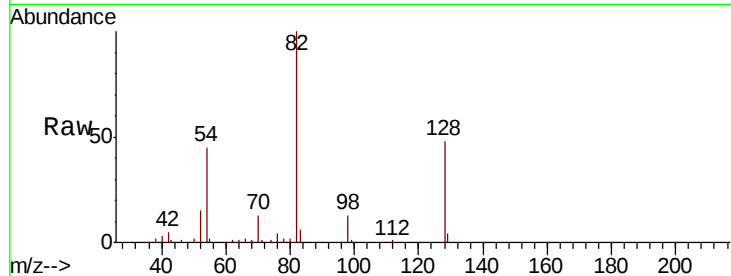




#19
n-Nitroso-di-n-propylamine
Concen: 16.444 ng
RT: 9.16 min Scan# 1034
Delta R.T. 0.35 min
Lab File: BG042521.D
Acq: 28 Aug 2019 1:56

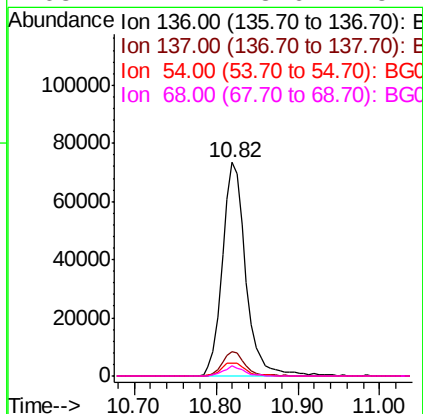
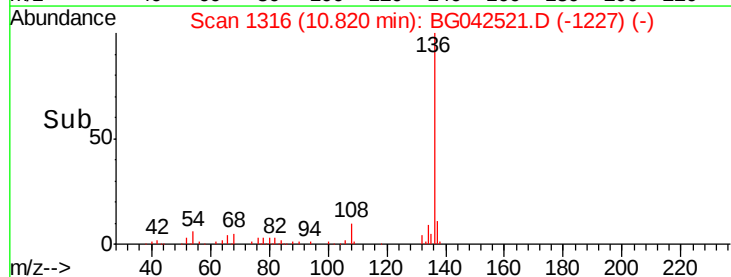
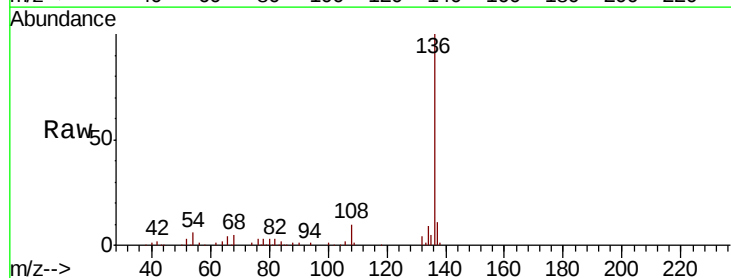
Instrument :
BNA_G
ClientSampleId :

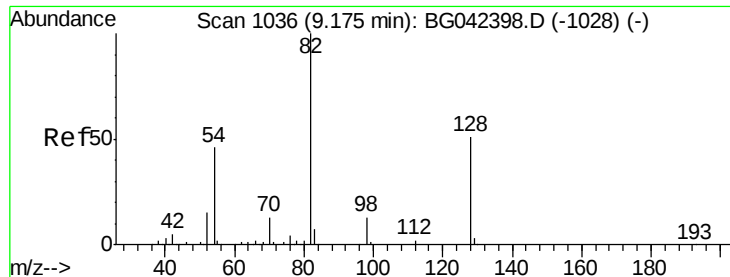
Tot Ion: 70 Resp: 27803
Ion Ratio Lower Upper
70 100
42 36.8 38.8 58.2#
101 0.0 9.0 13.6#
130 2.3 20.0 30.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042521.D
Acq: 28 Aug 2019 1:56

Tgt Ion: 136 Resp: 146222
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 6.1 4.9 7.3
68 4.7 3.6 5.4

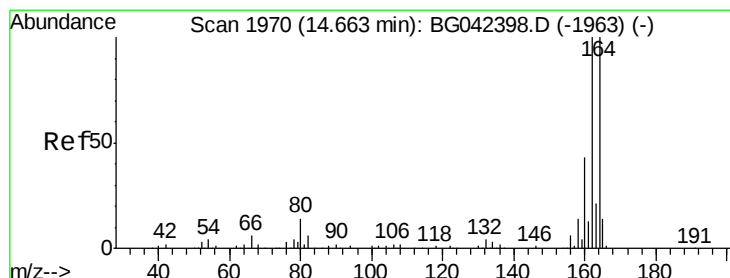
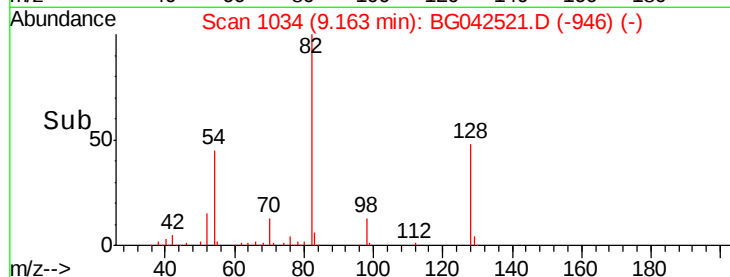
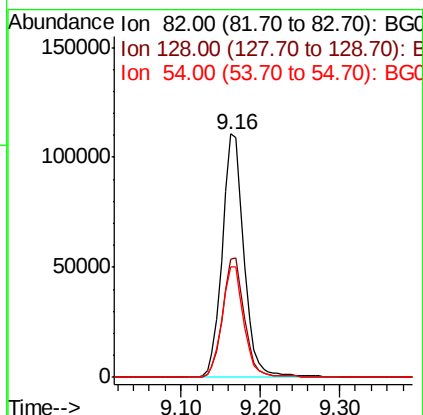
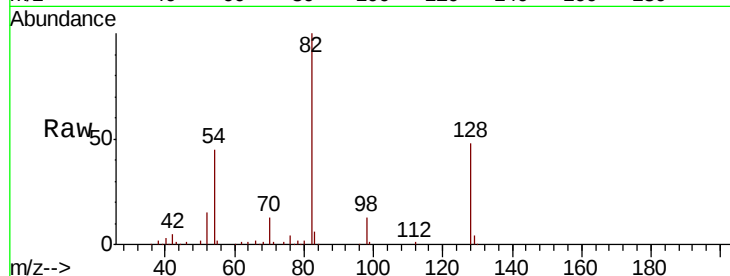




#23
Nitrobenzene-d5
Concen: 99.456 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042521.D
Acq: 28 Aug 2019 1:56

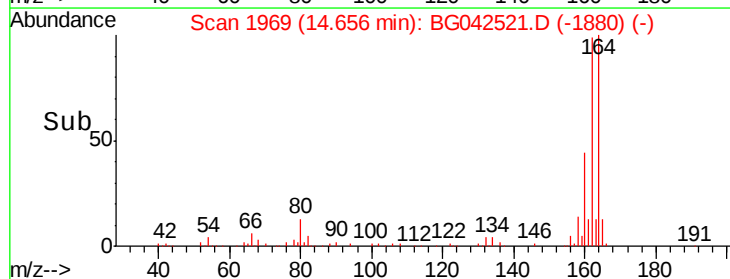
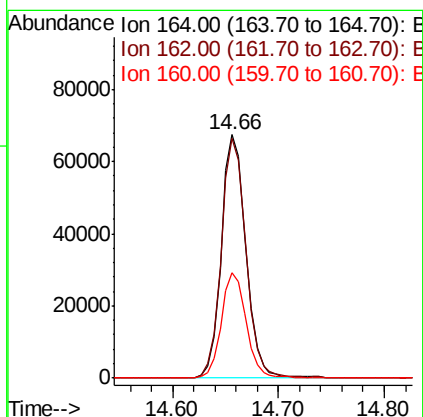
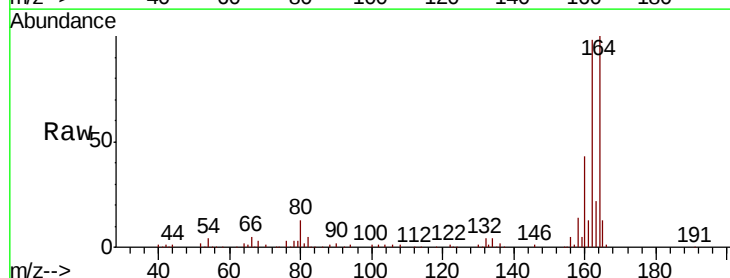
Instrument :
BNA_G
ClientSampled :

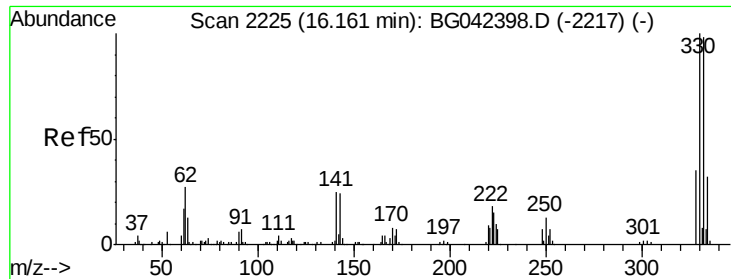
Tot Ion	82	Resp	210447
Ion Ratio	Lower	Upper	
82	100		
128	48.4	40.7	61.1
54	45.3	36.3	54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042521.D
Acq: 28 Aug 2019 1:56

Tgt Ion	164	Resp	109095
Ion Ratio	Lower	Upper	
164	100		
162	98.3	79.9	119.9
160	43.3	34.3	51.5

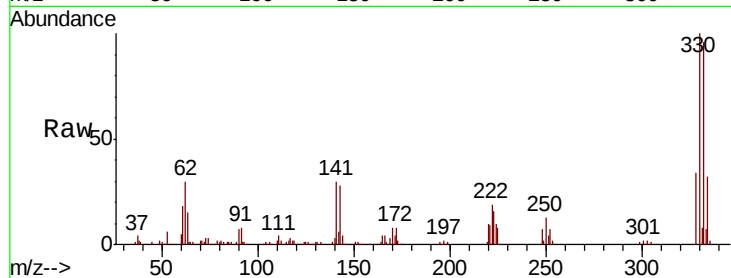




#42
 2,4,6-Tribromophenol
 Concen: 158.263 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BG042521.D
 Acq: 28 Aug 2019 1:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.4	116.0
141	27.9	21.4	32.0

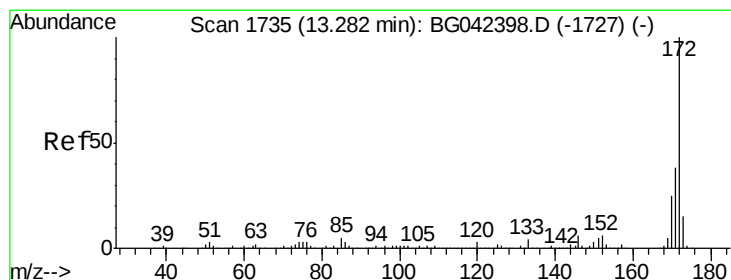
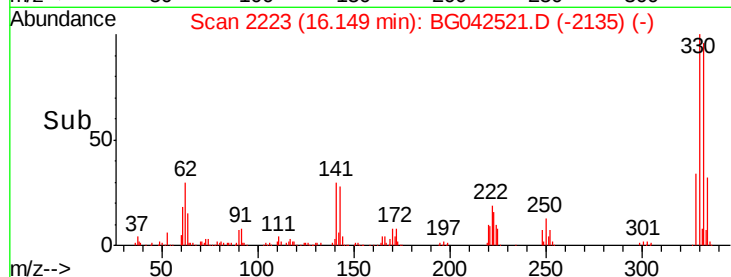
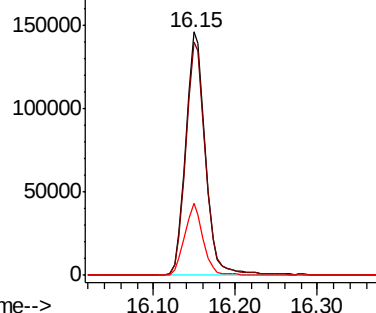


Abundance

Ion 329.80 (329.50 to 330.50): E

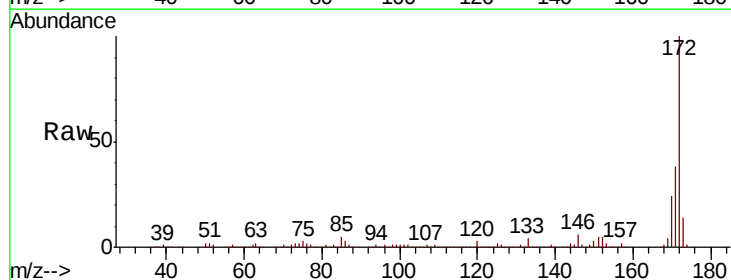
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 90.704 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042521.D
 Acq: 28 Aug 2019 1:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.5	45.7
170	24.4	20.2	30.2

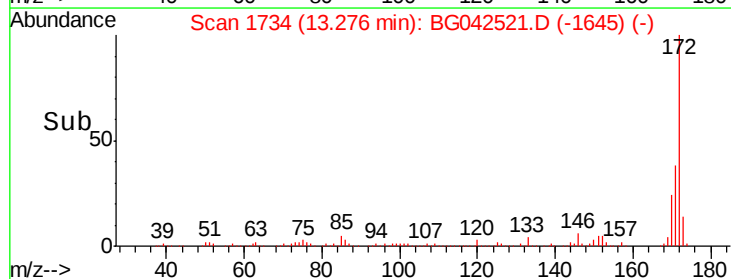
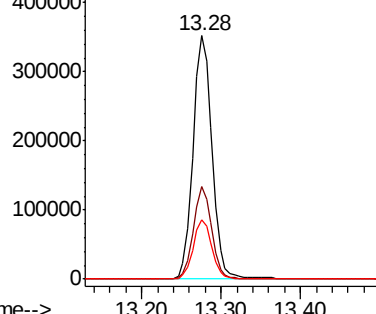


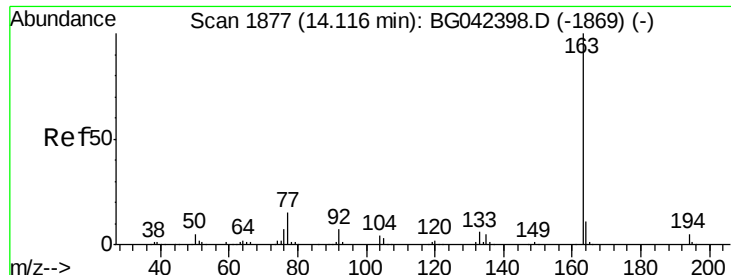
Abundance

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: 13.051 ng

RT: 14.10 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG042521.D

Acq: 28 Aug 2019 1:56

Instrument :

BNA_G

ClientSampleId :

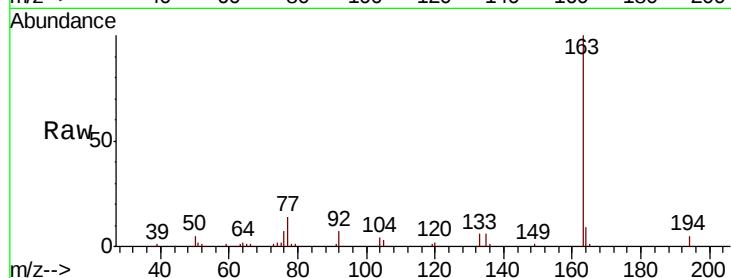
Tot Ion:163 Resp: 102731

Ion Ratio Lower Upper

163 100

194 5.0 4.2 6.2

164 9.5 8.8 13.2

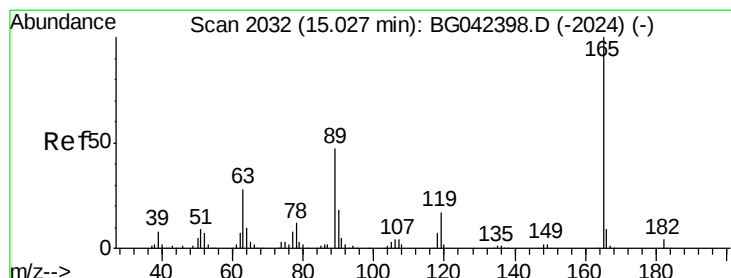
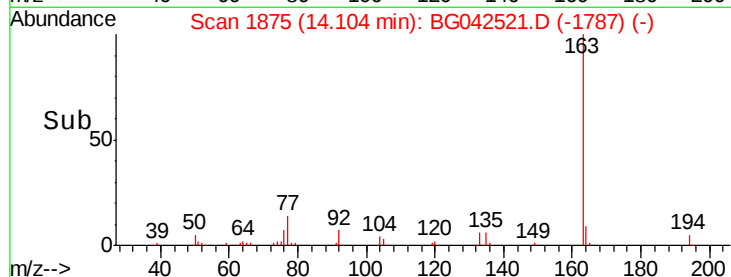
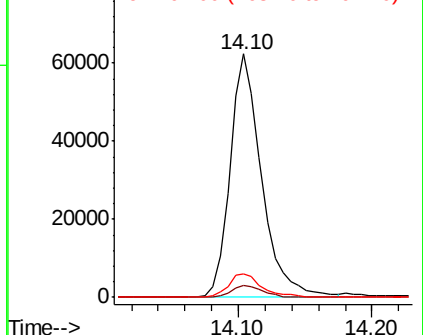


Abundance

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: 5.335 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.37 min

Lab File: BG042521.D

Acq: 28 Aug 2019 1:56

Tgt Ion:165 Resp: 13939

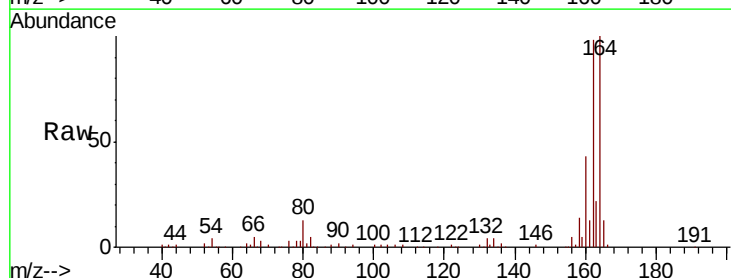
Ion Ratio Lower Upper

165 100

63 0.0 22.5 33.7#

89 0.0 37.8 56.6#

182 0.0 3.0 4.4#



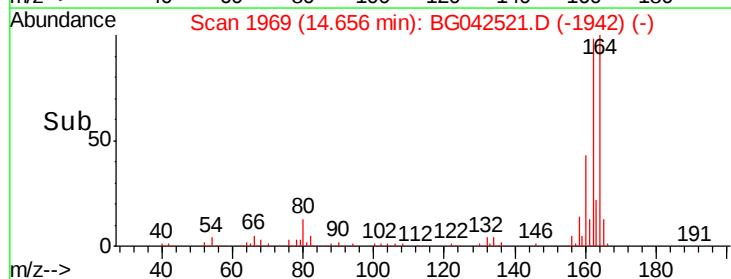
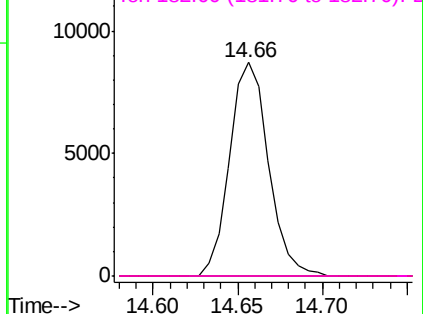
Abundance

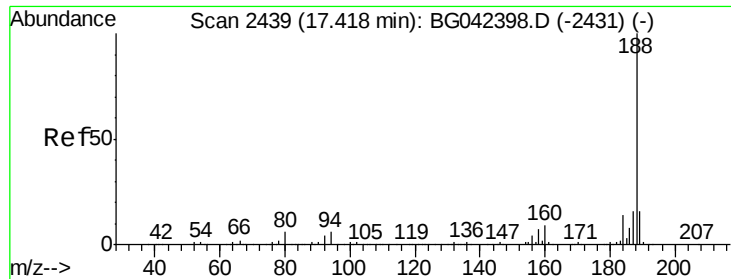
Ion 165.00 (164.70 to 165.70): E

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# 2438

Delta R.T. -0.01 min

Lab File: BG042521.D

Acq: 28 Aug 2019 1:56

Instrument :

BNA_G

ClientSampleId :

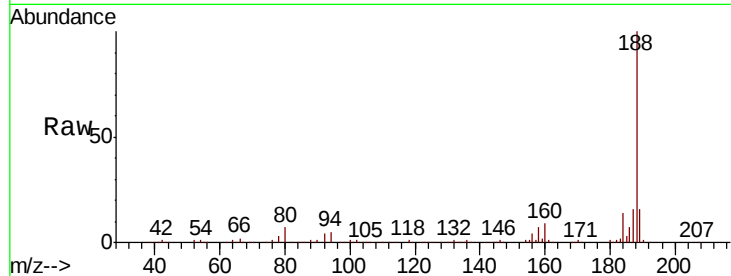
Tot Ion:188 Resp: 267855

Ion Ratio Lower Upper

188 100

94 5.3 4.5 6.7

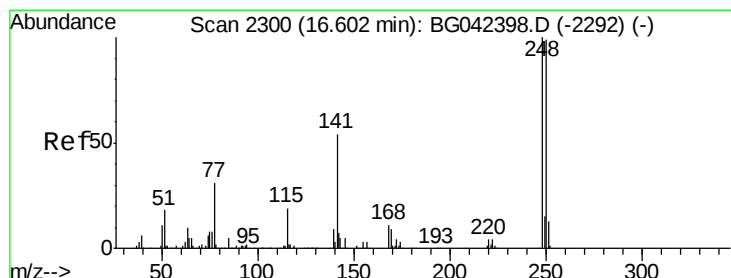
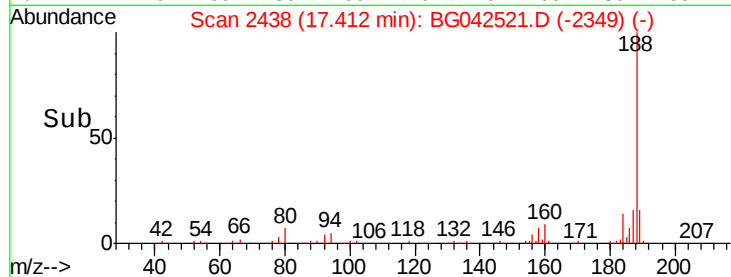
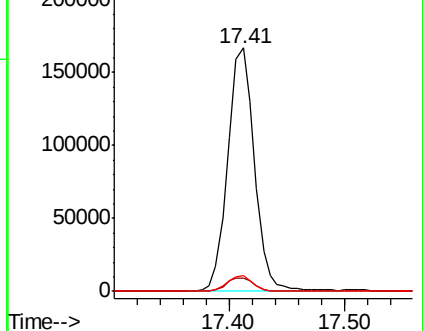
80 6.5 4.9 7.3



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: 4.928 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.45 min

Lab File: BG042521.D

Acq: 28 Aug 2019 1:56

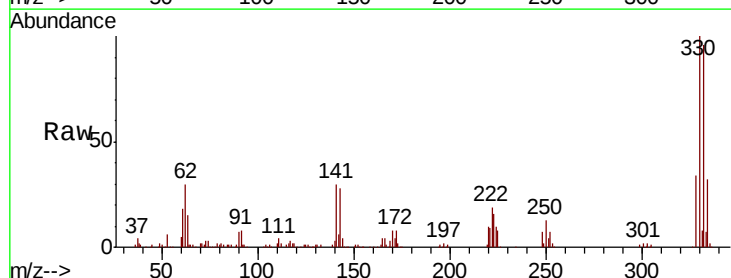
Tgt Ion:248 Resp: 16744

Ion Ratio Lower Upper

248 100

250 183.2 78.9 118.3#

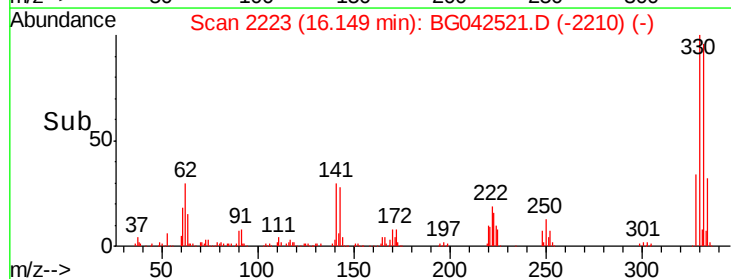
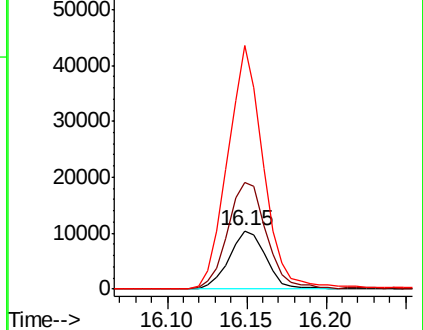
141 417.8 43.3 64.9#

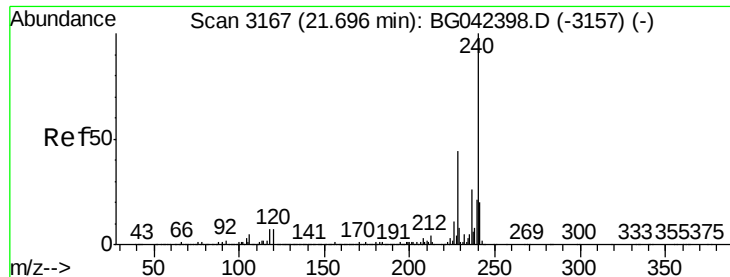


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

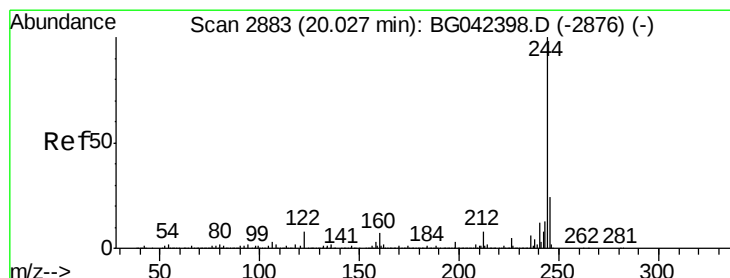
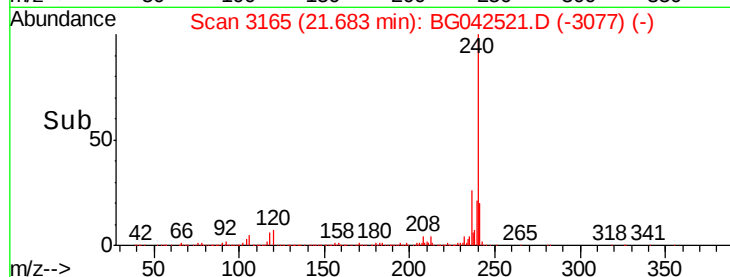
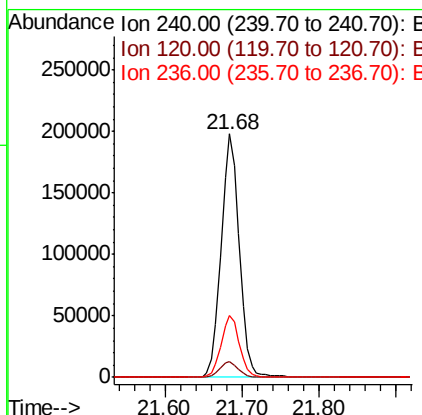
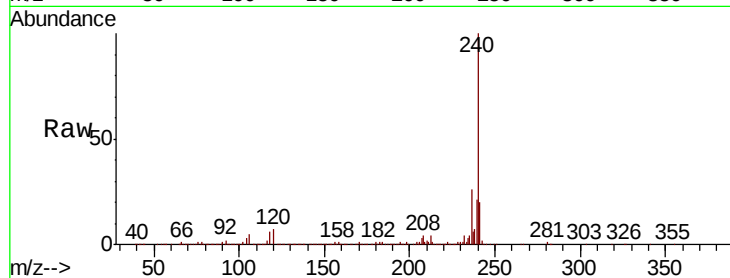




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042521.D
Acq: 28 Aug 2019 1:56

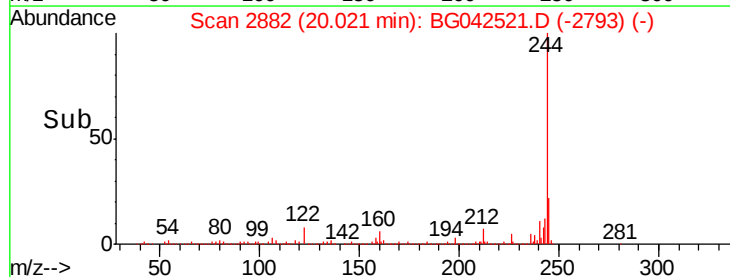
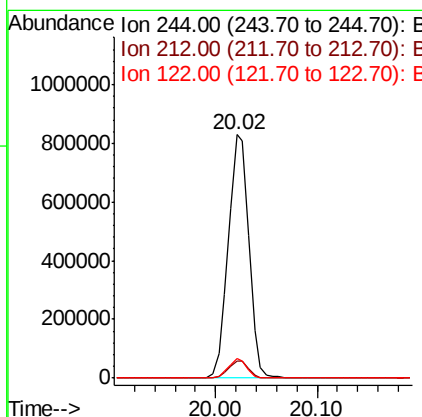
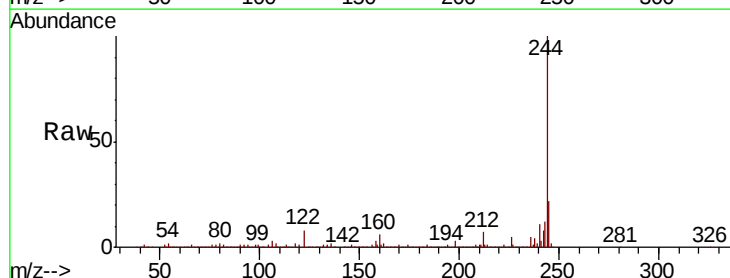
Instrument :
BNA_G
ClientSampleId :

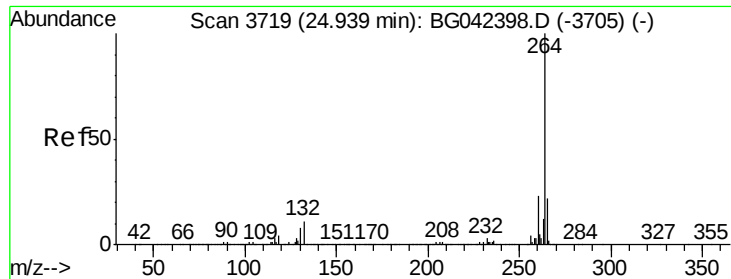
Tot Ion:240 Resp: 323702
Ion Ratio Lower Upper
240 100
120 6.6 5.7 8.5
236 25.7 21.0 31.4



#79
Terphenyl-d14
Concen: 78.155 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.01 min
Lab File: BG042521.D
Acq: 28 Aug 2019 1:56

Tgt Ion:244 Resp: 1170213
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 8.1 6.7 10.1





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.01 min
Lab File: BG042521.D
Acq: 28 Aug 2019 1:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	21.8	17.6	26.4

