

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
 Data File : BG042541.D
 Acq On : 28 Aug 2019 20:36
 Operator : HP/JU
 Sample : K4536-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 29 05:59:35 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

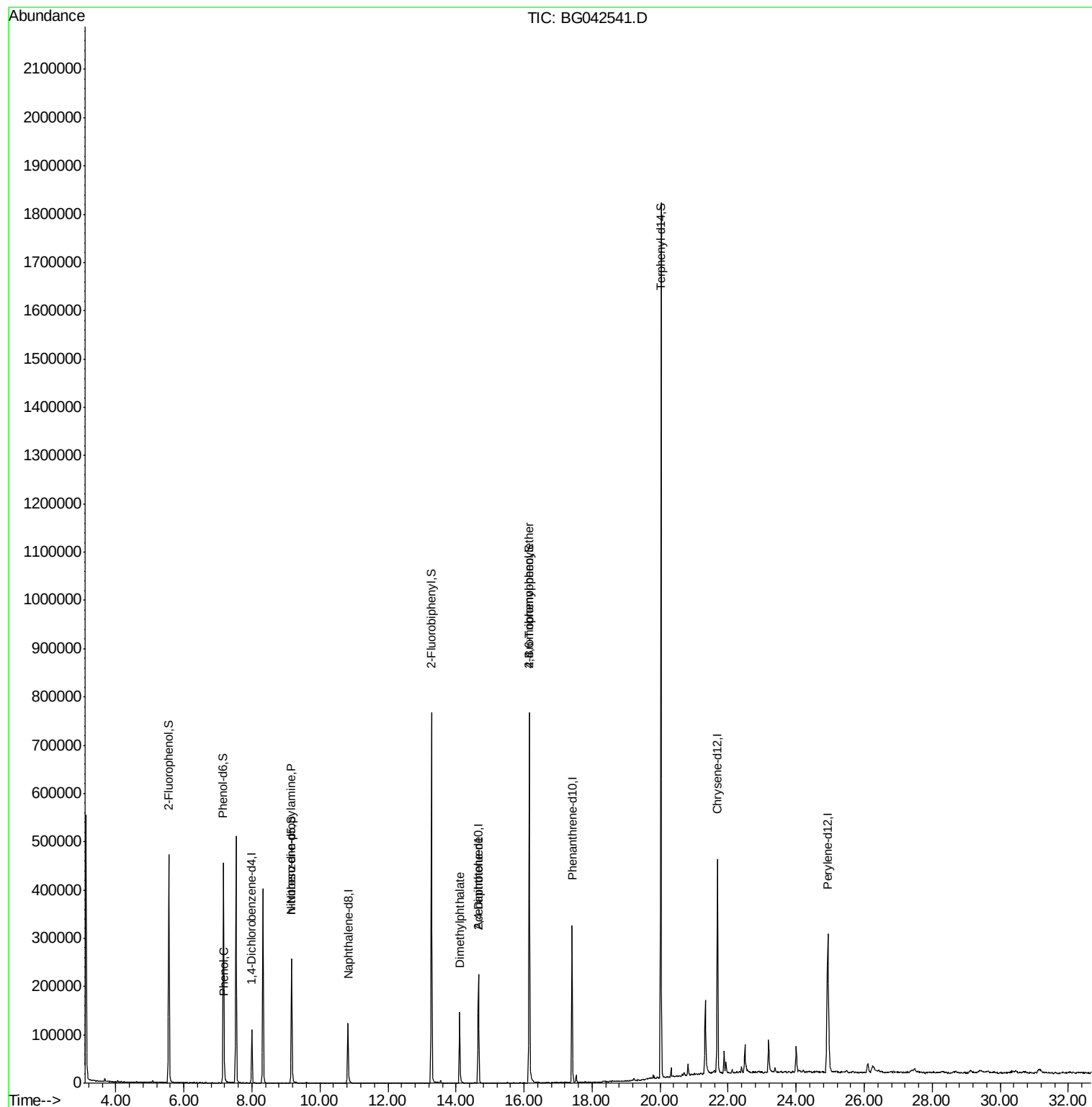
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	36836	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	131630	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	94336	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	238483	20.00	ng	0.00
76) Chrysene-d12	21.69	240	296750	20.00	ng	0.00
87) Perylene-d12	24.93	264	353158	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	243152	133.69	ng	0.00
7) Phenol-d6	7.16	99	311868	126.94	ng	0.00
23) Nitrobenzene-d5	9.17	82	173953	91.32	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	210326	156.86	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	479127	85.90	ng	0.00
79) Terphenyl-d14	20.02	244	987596	71.95	ng	0.00
Target Compounds						
10) Phenol	7.19	94	8191	3.279	ng	75
19) n-Nitroso-di-n-propylamine	9.17	70	23071	14.495	ng	# 73
50) Dimethylphthalate	14.11	163	134587	19.773	ng	99
57) 2,4-Dinitrotoluene	14.65	165	12037	5.328	ng	# 38
67) 4-Bromophenyl-phenylether	16.15	248	13717	4.535	ng	# 1

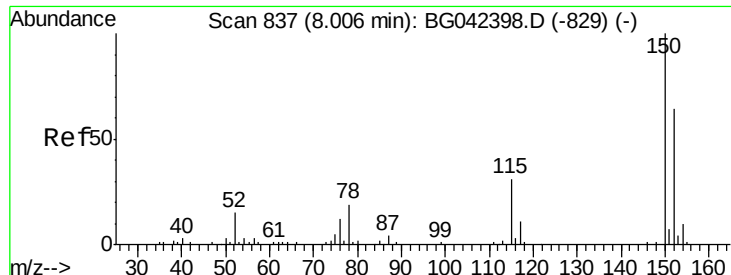
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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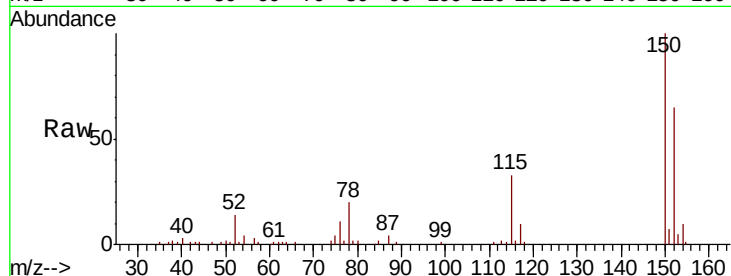


#1

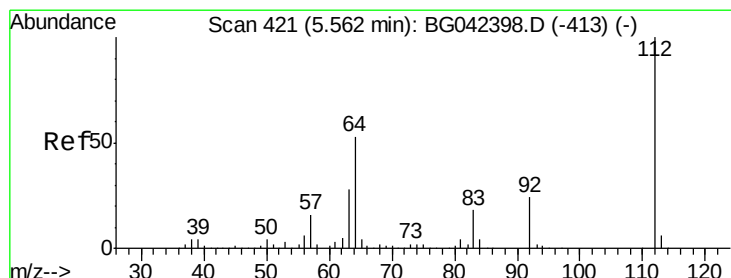
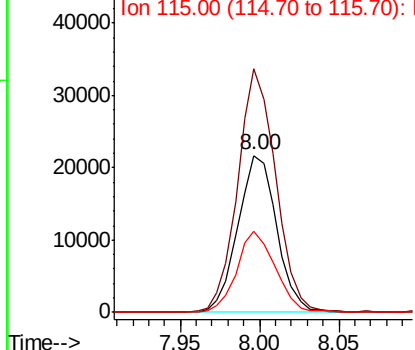
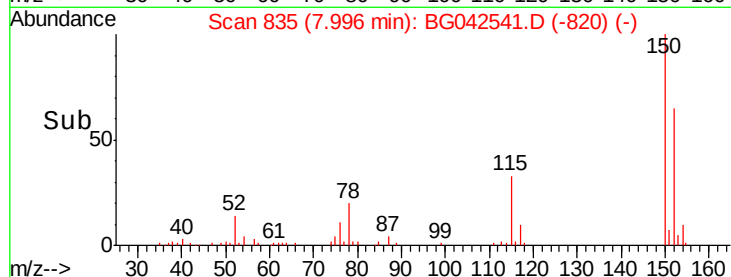
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042541.D
Acq: 28 Aug 2019 20:36

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 36836
Ion Ratio Lower Upper
152 100
150 154.9 125.4 188.0
115 51.7 38.5 57.7



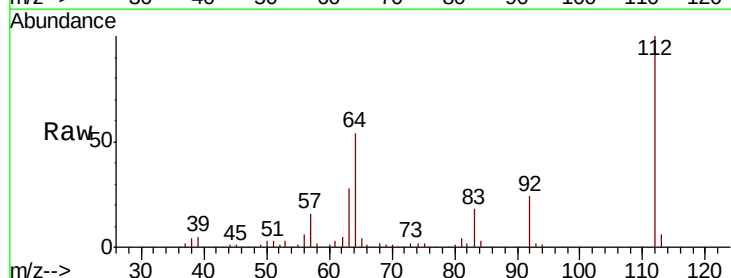
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



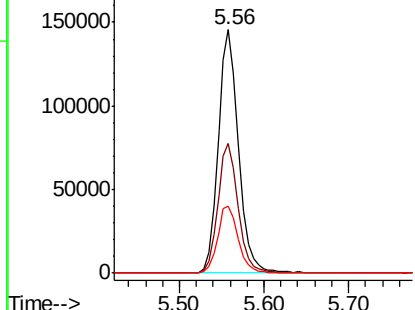
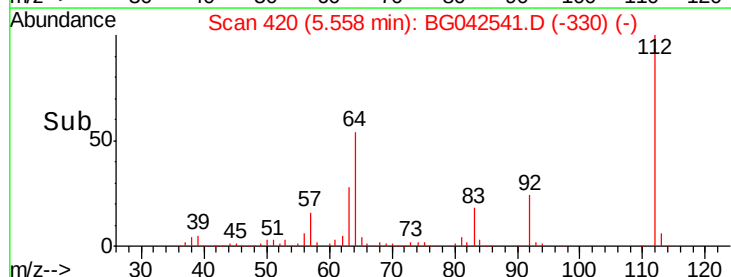
#5

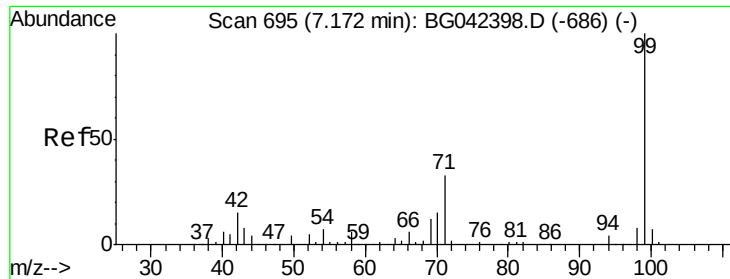
2-Fluorophenol
Concen: 133.688 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.00 min
Lab File: BG042541.D
Acq: 28 Aug 2019 20:36

Tgt Ion:112 Resp: 243152
Ion Ratio Lower Upper
112 100
64 53.5 42.8 64.2
63 27.7 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: 126.941 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042541.D

Acq: 28 Aug 2019 20:36

Instrument :

BNA_G

ClientSampleId :

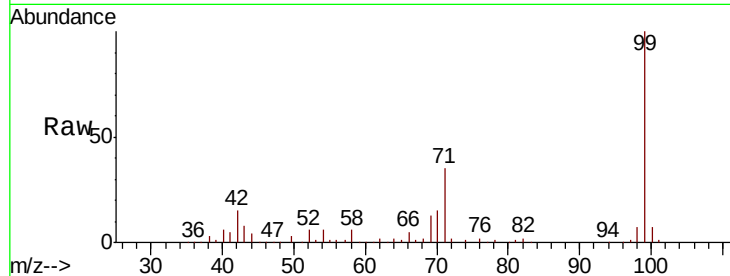
Tot Ion: 99 Resp: 311868

Ion Ratio Lower Upper

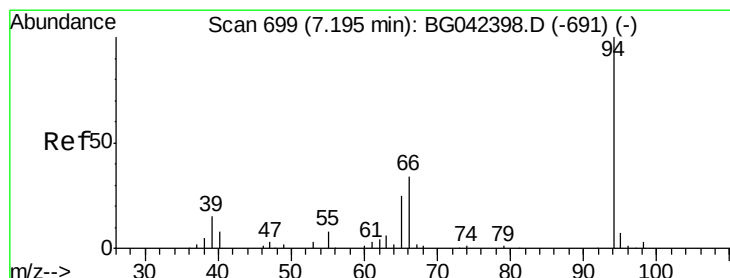
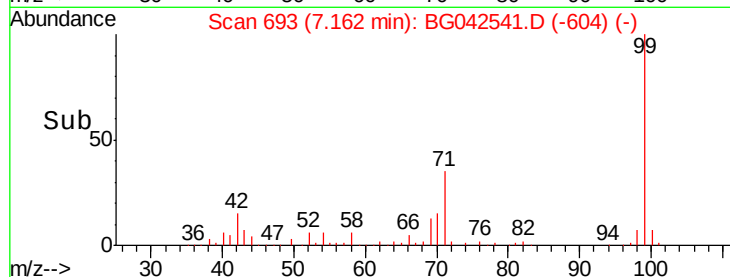
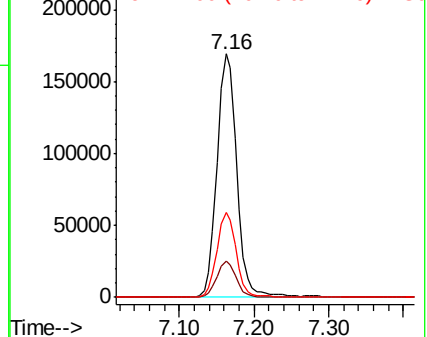
99 100

42 14.9 12.0 18.0

71 35.1 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: 3.279 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG042541.D

Acq: 28 Aug 2019 20:36

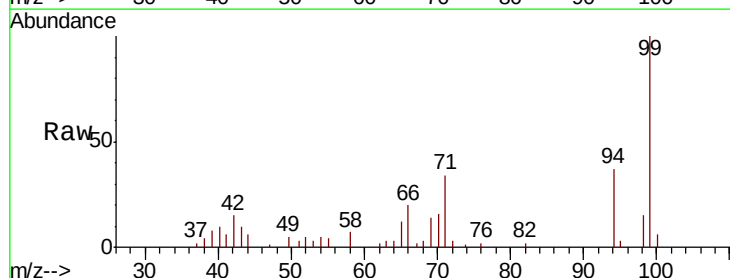
Tgt Ion: 94 Resp: 8191

Ion Ratio Lower Upper

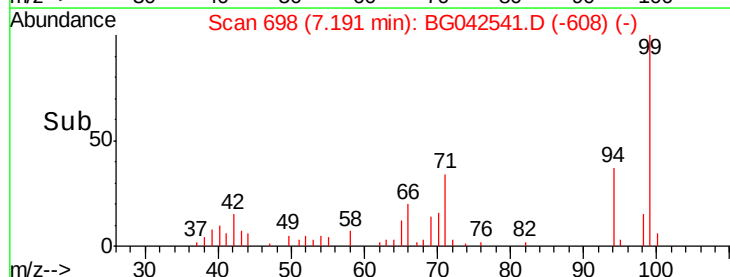
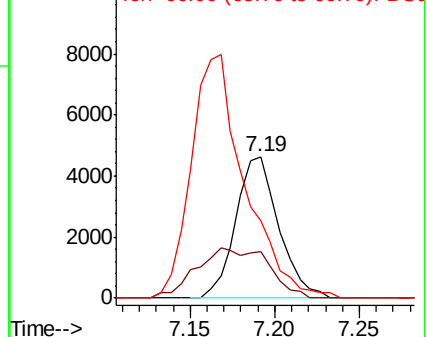
94 100

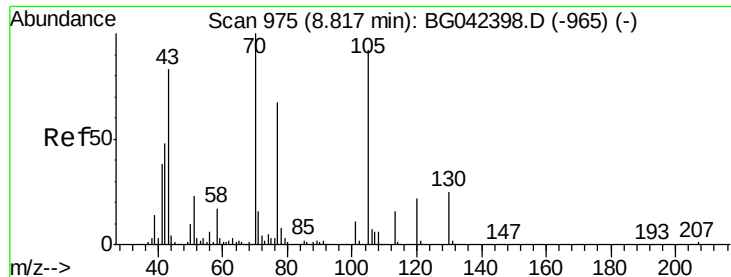
65 33.1 5.6 45.6

66 54.8 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

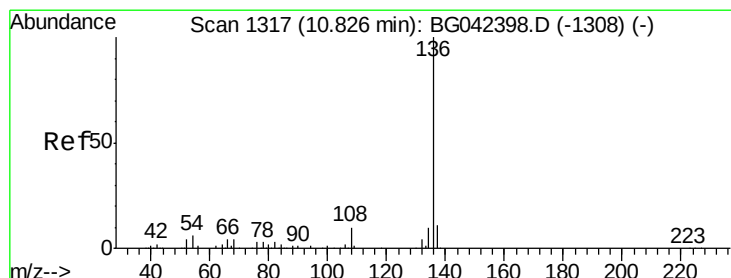
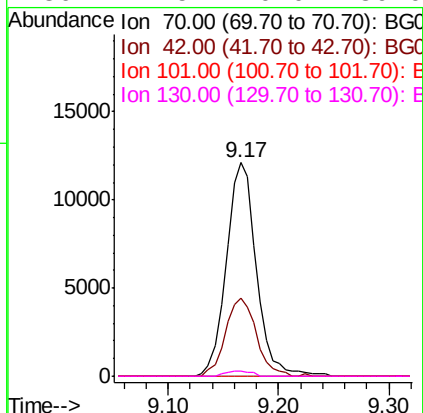
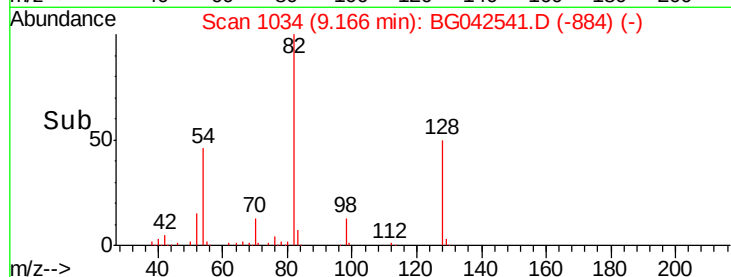
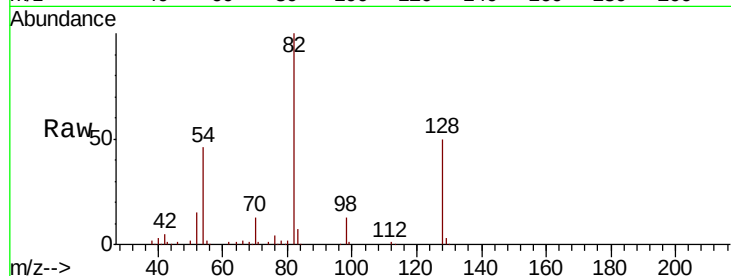




#19
n-Nitroso-di-n-propylamine
Concen: 14.495 ng
RT: 9.17 min Scan# 1034
Delta R.T. 0.35 min
Lab File: BG042541.D
Acq: 28 Aug 2019 20:36

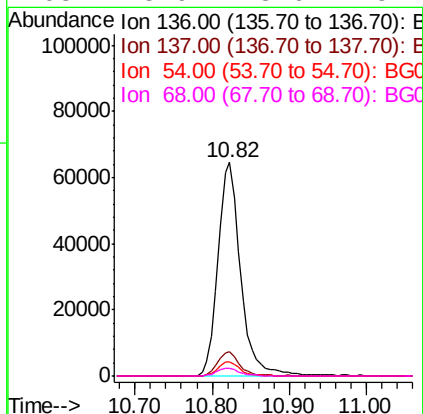
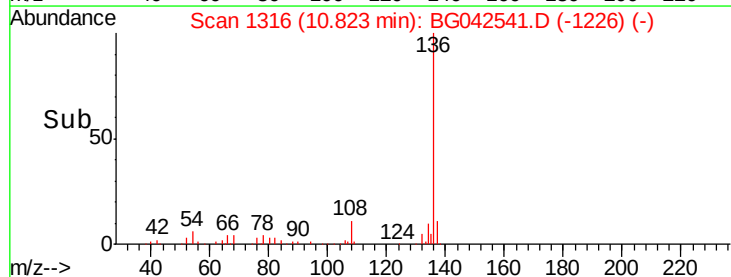
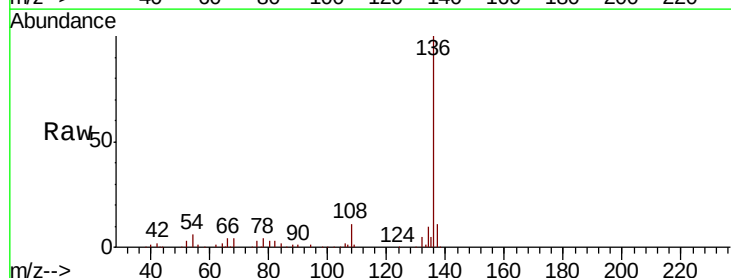
Instrument :
BNA_G
ClientSampleId :

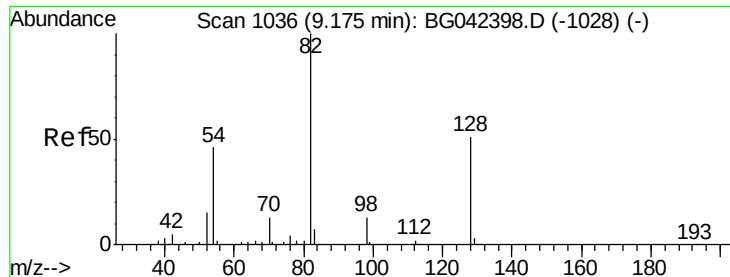
Tot Ion: 70 Resp: 23071
Ion Ratio Lower Upper
70 100
42 36.4 38.8 58.2#
101 0.0 9.0 13.6#
130 2.5 20.0 30.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG042541.D
Acq: 28 Aug 2019 20:36

Tgt Ion:136 Resp: 131630
Ion Ratio Lower Upper
136 100
137 11.5 8.7 13.1
54 6.5 4.9 7.3
68 3.9 3.6 5.4

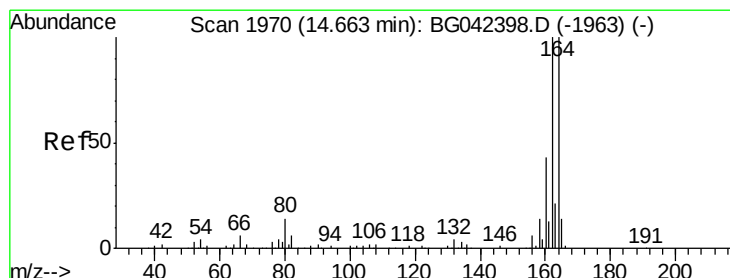
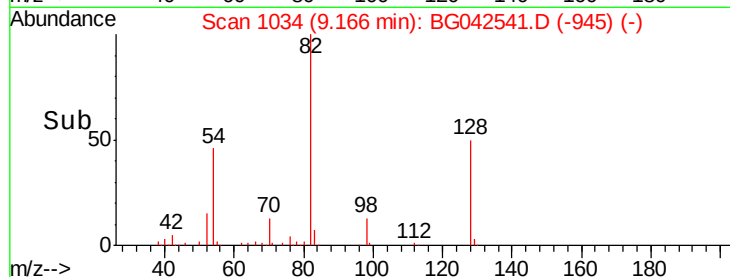
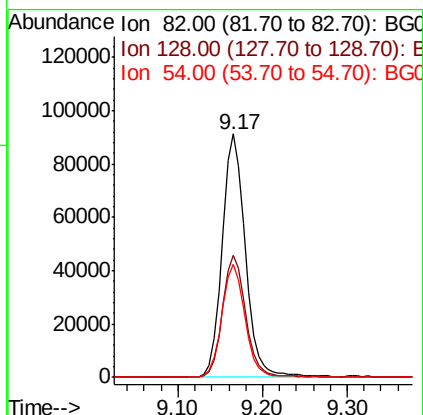
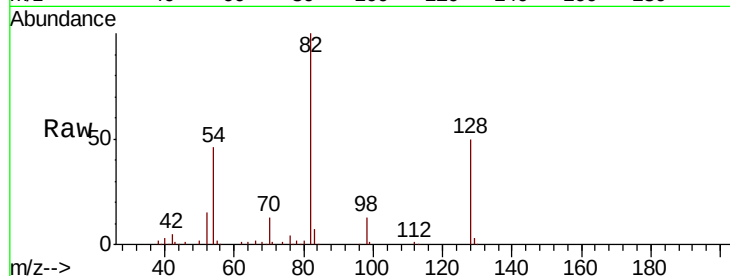




#23
 Nitrobenzene-d5
 Concen: 91.323 ng
 RT: 9.17 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG042541.D
 Acq: 28 Aug 2019 20:36

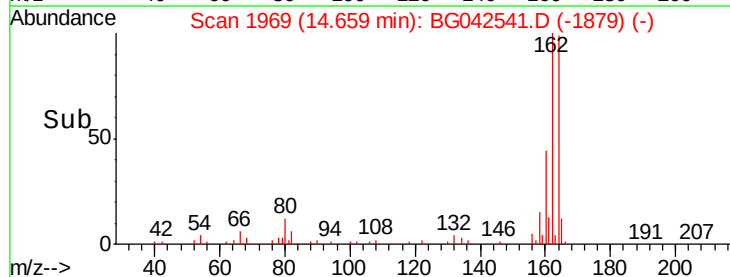
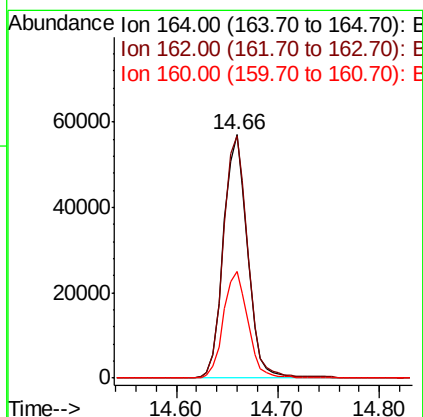
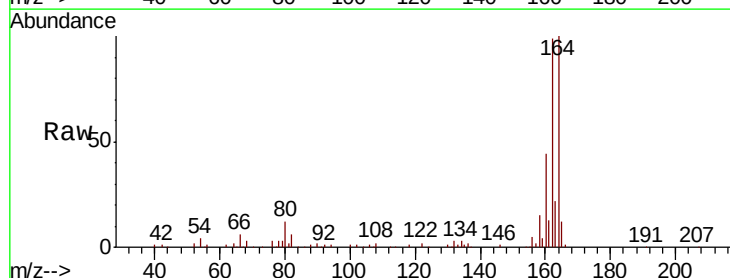
Instrument :
 BNA_G
 ClientSampled :

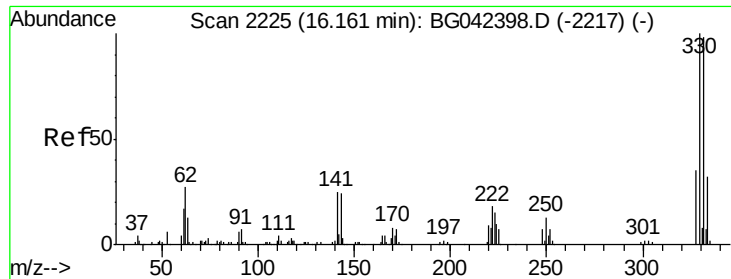
Tot Ion	82	Resp	173953
Ion Ratio	Lower	Upper	
82	100		
128	50.1	40.7	61.1
54	46.3	36.3	54.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: BG042541.D
 Acq: 28 Aug 2019 20:36

Tgt Ion	164	Resp	94336
Ion Ratio	Lower	Upper	
164	100		
162	99.4	79.9	119.9
160	43.8	34.3	51.5

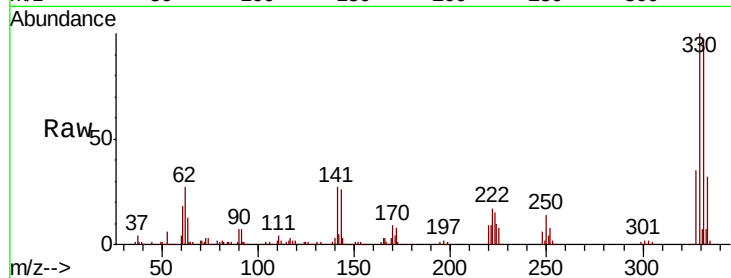




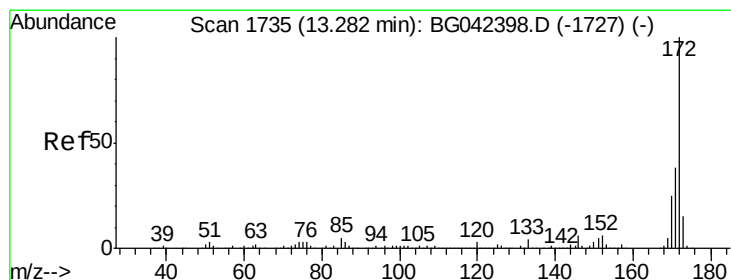
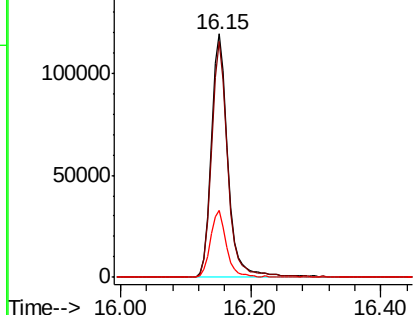
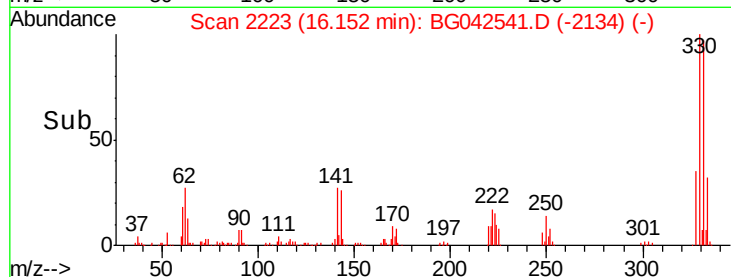
#42
 2,4,6-Tribromophenol
 Concen: 156.862 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BG042541.D
 Acq: 28 Aug 2019 20:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	77.4	116.0
141	26.7	21.4	32.0

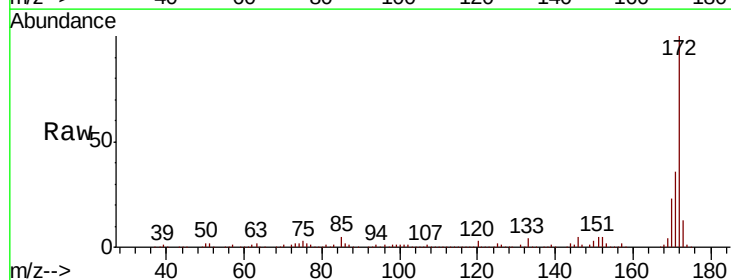


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

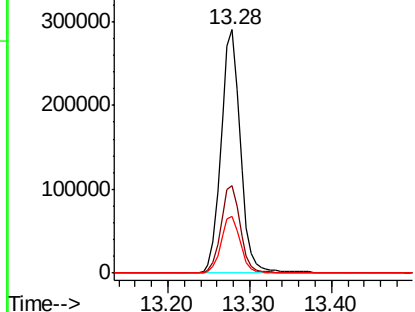
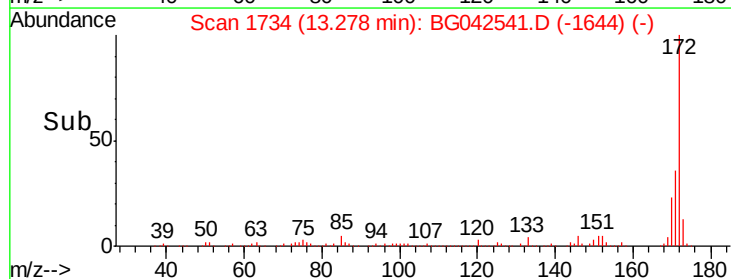


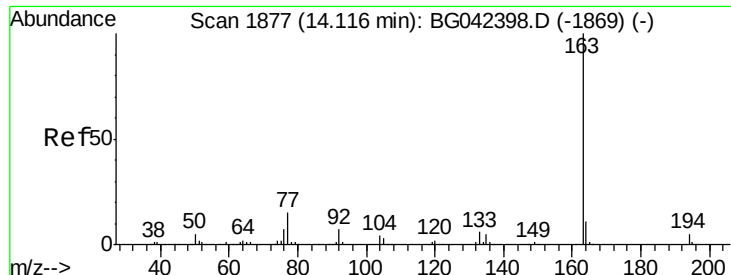
#45
 2-Fluorobiphenyl
 Concen: 85.899 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG042541.D
 Acq: 28 Aug 2019 20:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	30.5	45.7
170	23.1	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: 19.773 ng

RT: 14.11 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG042541.D

Acq: 28 Aug 2019 20:36

Instrument :

BNA_G

ClientSampled :

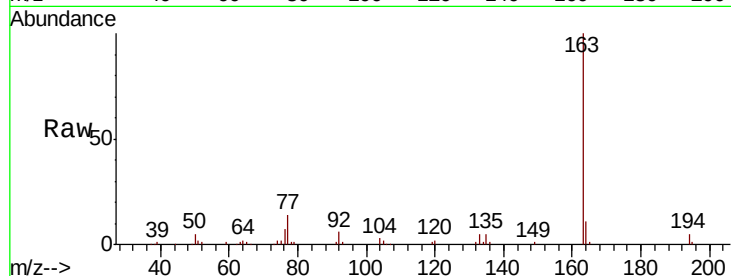
Tot Ion:163 Resp: 134587

Ion Ratio Lower Upper

163 100

194 4.9 4.2 6.2

164 11.3 8.8 13.2

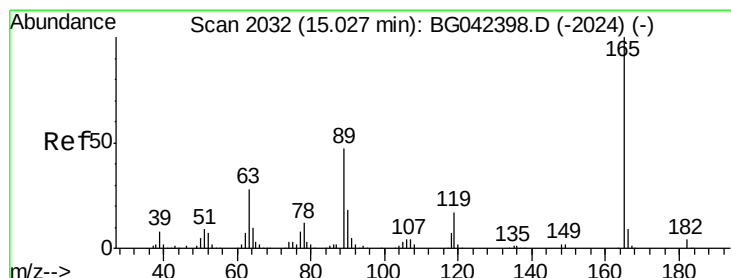
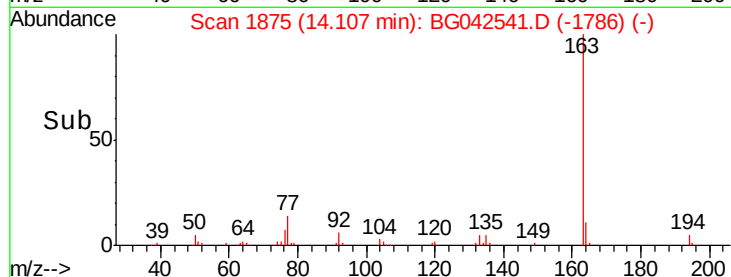
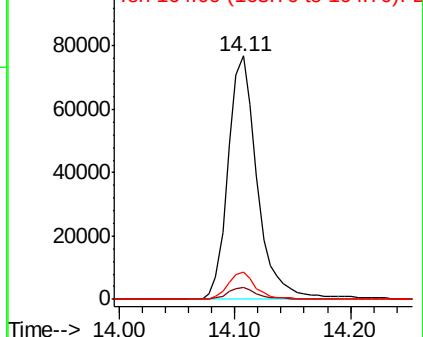


Abundance

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: 5.328 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.37 min

Lab File: BG042541.D

Acq: 28 Aug 2019 20:36

Tgt Ion:165 Resp: 12037

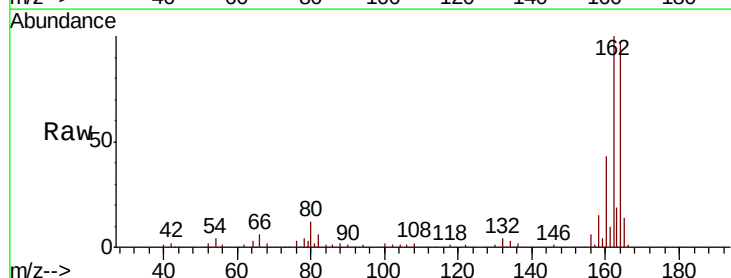
Ion Ratio Lower Upper

165 100

63 0.0 22.5 33.7#

89 0.0 37.8 56.6#

182 0.0 3.0 4.4#



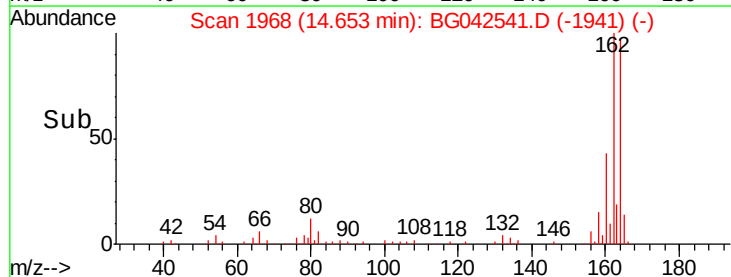
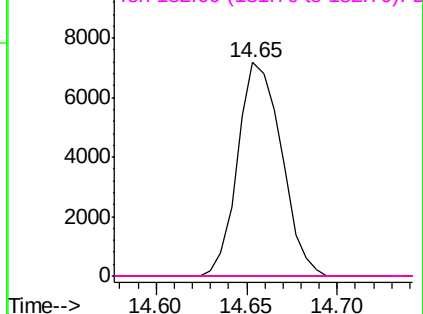
Abundance

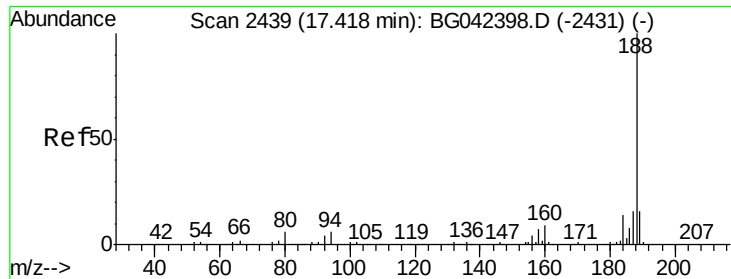
Ion 165.00 (164.70 to 165.70): E

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

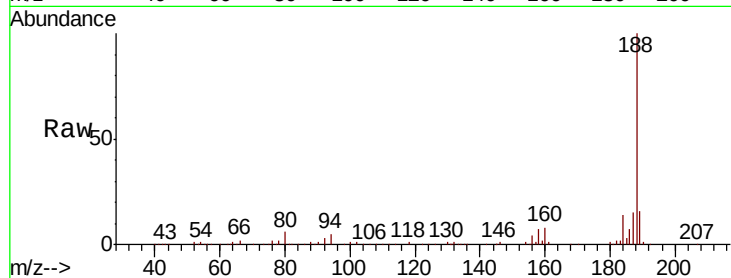




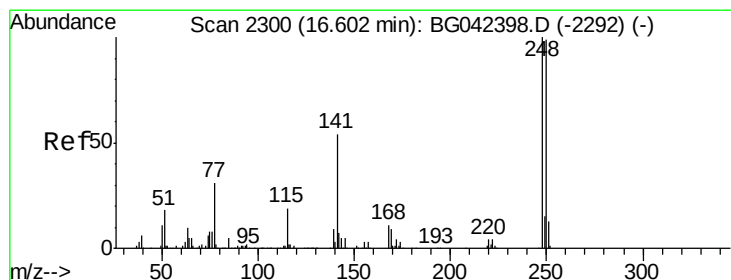
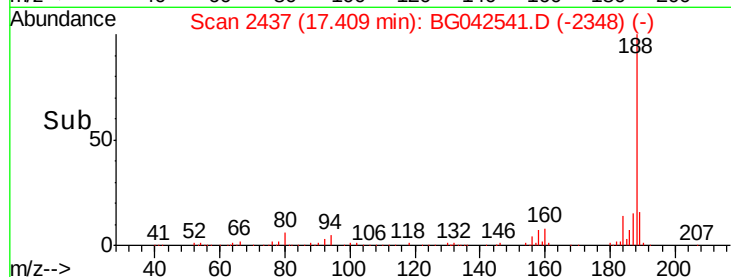
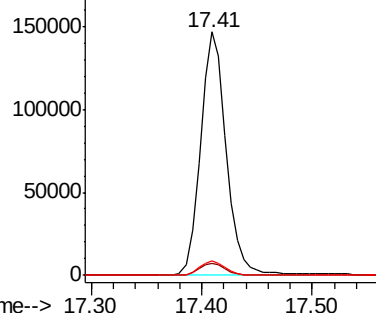
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2437
 Delta R.T. -0.01 min
 Lab File: BG042541.D
 Acq: 28 Aug 2019 20:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:188 Resp: 238483
 Ion Ratio Lower Upper
 188 100
 94 5.0 4.5 6.7
 80 6.1 4.9 7.3

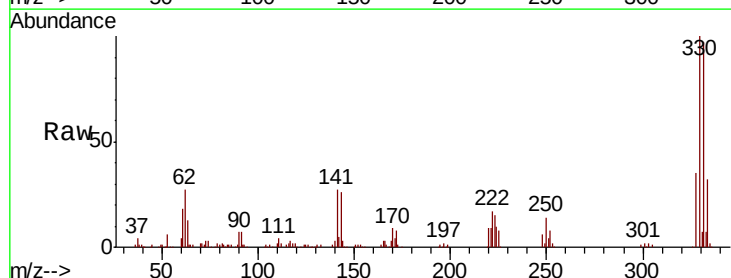


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

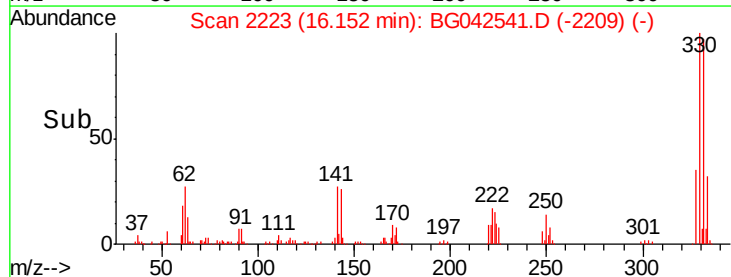
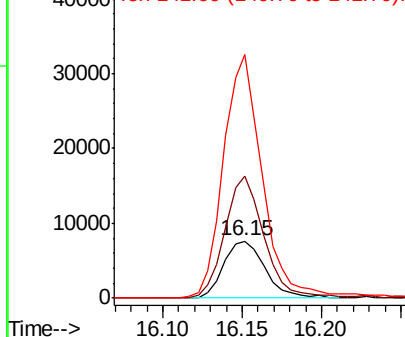


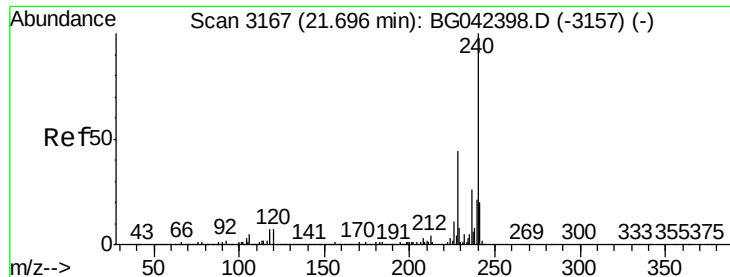
#67
 4-Bromophenyl-phenylether
 Concen: 4.535 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.45 min
 Lab File: BG042541.D
 Acq: 28 Aug 2019 20:36

Tgt Ion:248 Resp: 13717
 Ion Ratio Lower Upper
 248 100
 250 215.0 78.9 118.3#
 141 428.5 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

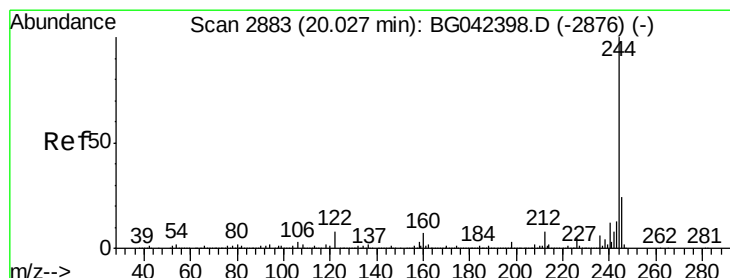
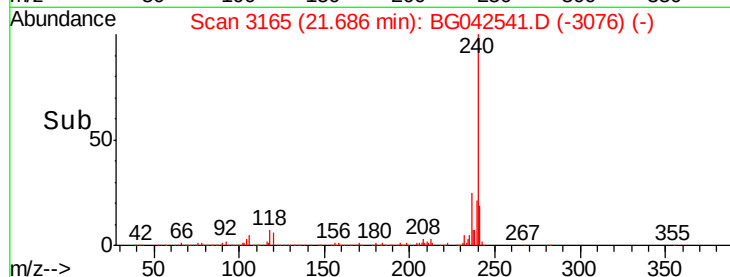
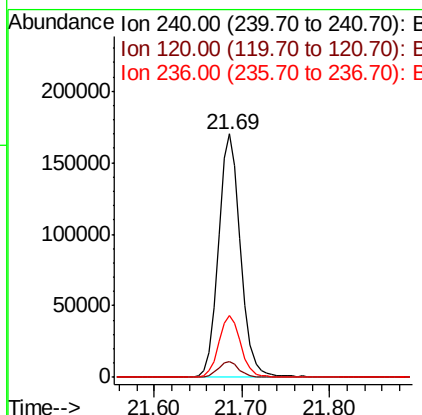
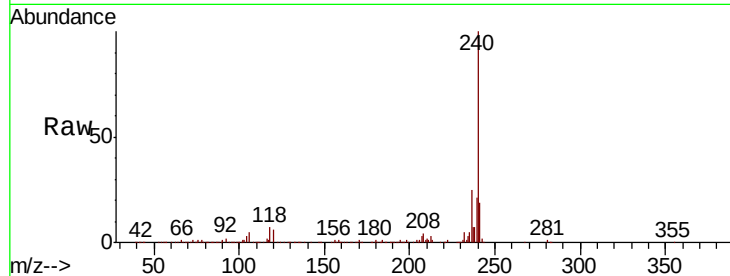




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042541.D
Acq: 28 Aug 2019 20:36

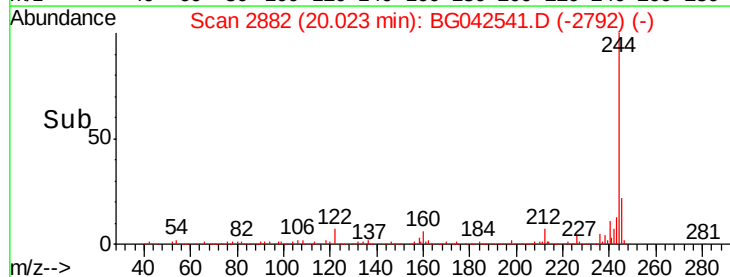
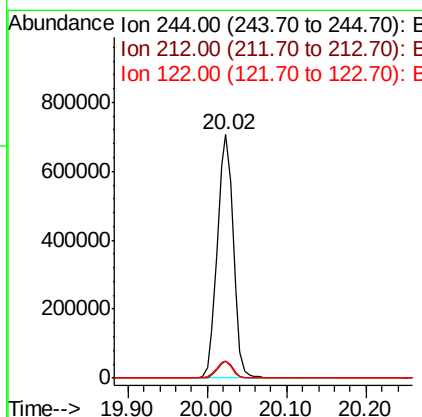
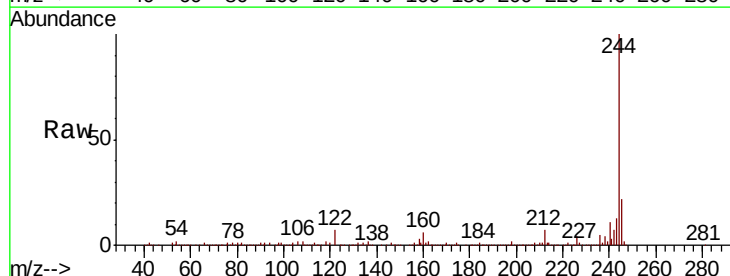
Instrument :
BNA_G
ClientSampleId :

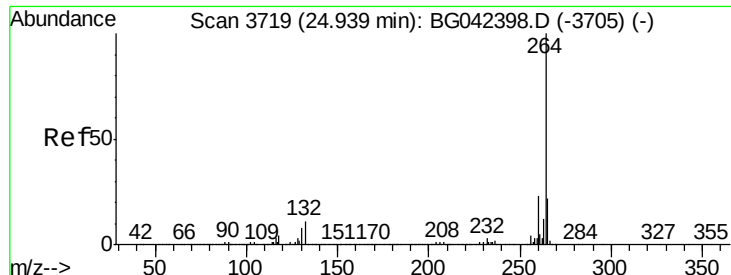
Tot Ion	Ratio	Lower	Upper
240	100		
120	6.4	5.7	8.5
236	25.4	21.0	31.4



#79
Terphenyl-d14
Concen: 71.950 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.00 min
Lab File: BG042541.D
Acq: 28 Aug 2019 20:36

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	7.2	6.7	10.1





#87
 Pervlone-d12
 Concen: 20.000 ng
 RT: 24.93 min Scan# 3717
 Delta R.T. -0.01 min
 Lab File: BG042541.D
 Acq: 28 Aug 2019 20:36

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

