

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082519\
 Data File : BG042481.D
 Acq On : 25 Aug 2019 17:04
 Operator : HP/JU
 Sample : K4510-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 26 06:33:21 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

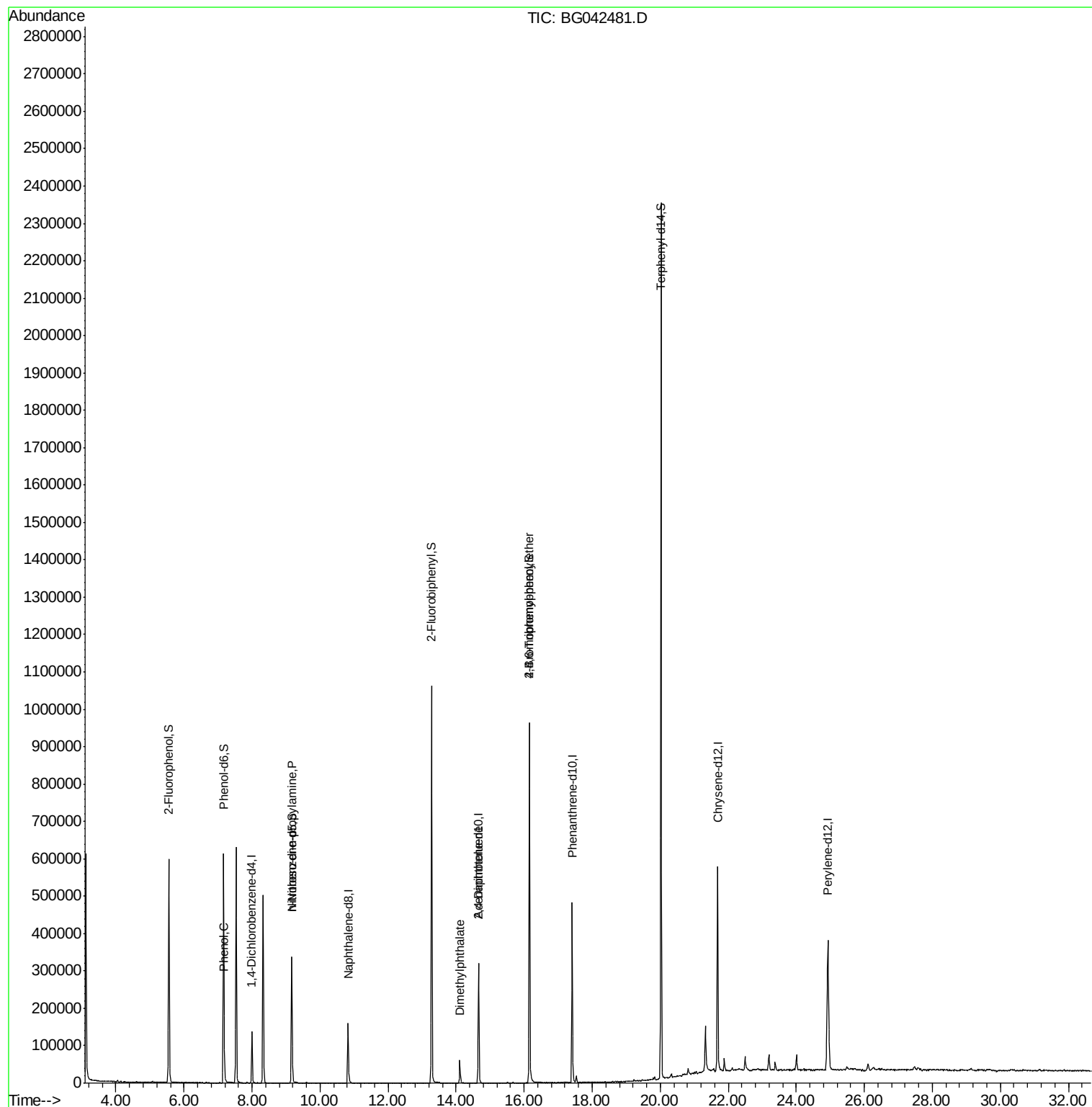
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	45498	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	178617	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	134322	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	336563	20.00	ng	0.00
76) Chrysene-d12	21.69	240	354930	20.00	ng	0.00
87) Perylene-d12	24.93	264	413645	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	306130	136.27	ng	0.00
7) Phenol-d6	7.17	99	414235	136.51	ng	0.00
23) Nitrobenzene-d5	9.17	82	230994	89.37	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	247547	129.66	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	658192	82.87	ng	0.00
79) Terphenyl-d14	20.02	244	1246428	75.92	ng	0.00
Target Compounds						
10) Phenol	7.19	94	8181	2.652	ng	# 75
19) n-Nitroso-di-n-propylamine	9.17	70	30007	15.264	ng	# 73
50) Dimethylphthalate	14.11	163	63968	6.600	ng	# 96
57) 2,4-Dinitrotoluene	14.66	165	17381	5.403	ng	# 38
67) 4-Bromophenyl-phenylether	16.15	248	17523	4.105	ng	# 1

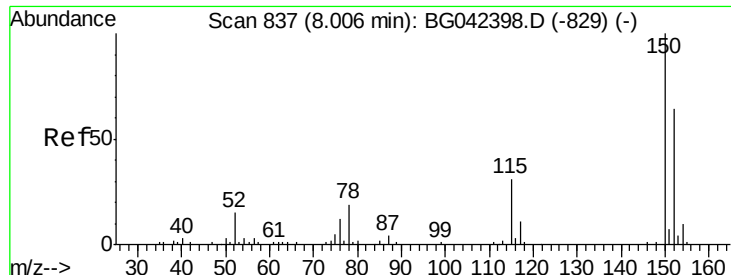
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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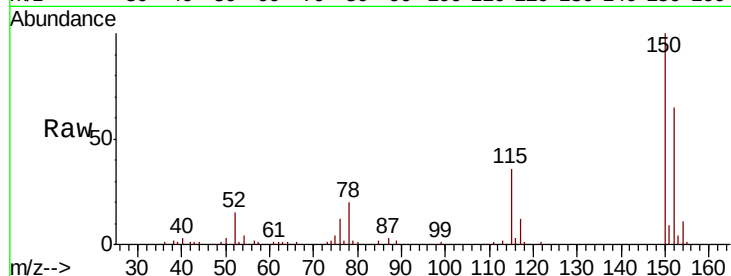


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042481.D
Acq: 25 Aug 2019 17:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	125.4	188.0
115	54.5	38.5	57.7

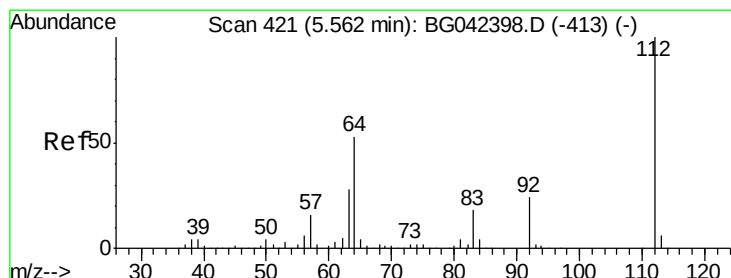
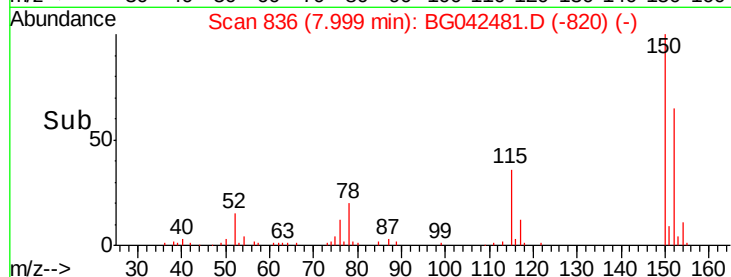
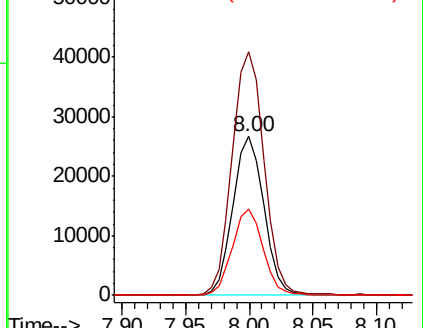


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

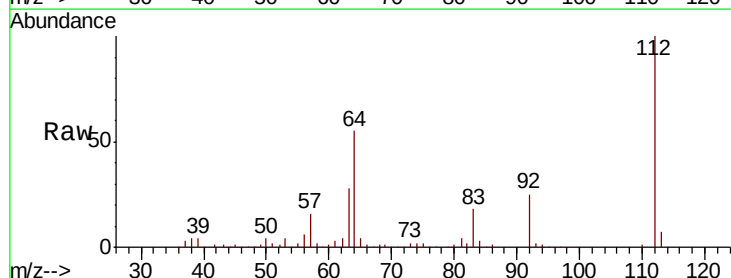
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 136.270 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042481.D
Acq: 25 Aug 2019 17:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.4	42.8	64.2
63	28.4	22.7	34.1

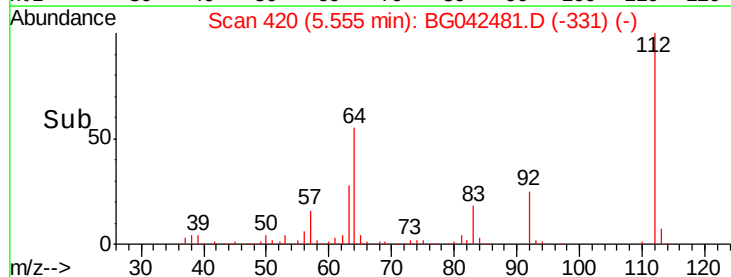
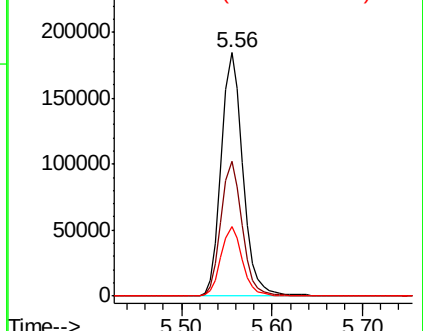


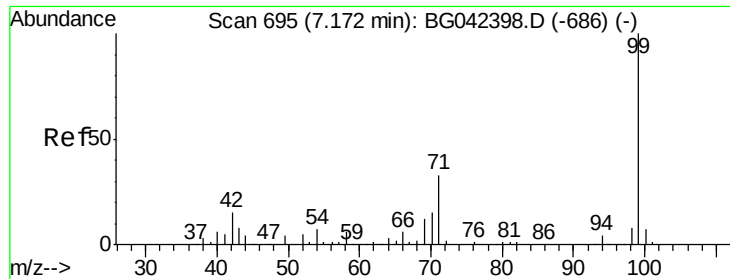
Abundance

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: 136.508 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042481.D

Acq: 25 Aug 2019 17:04

Instrument :

BNA_G

ClientSampleId :

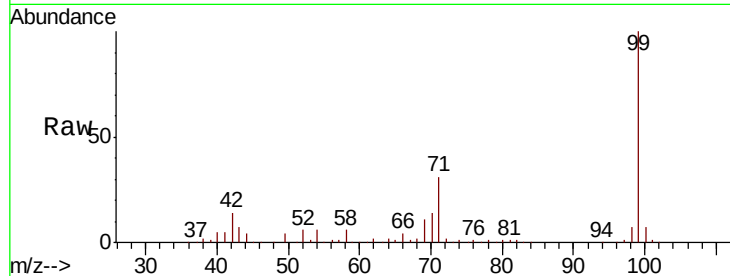
Tot Ion: 99 Resp: 414235

Ion Ratio Lower Upper

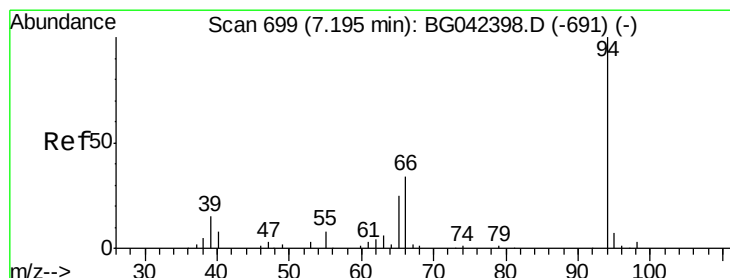
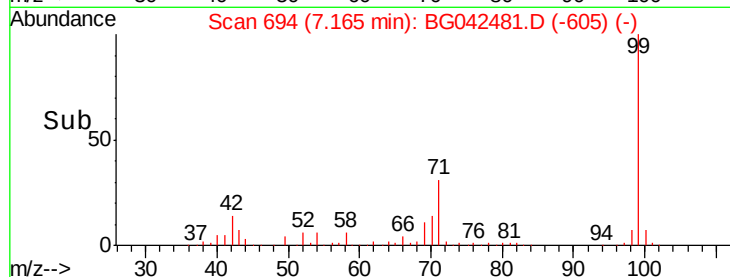
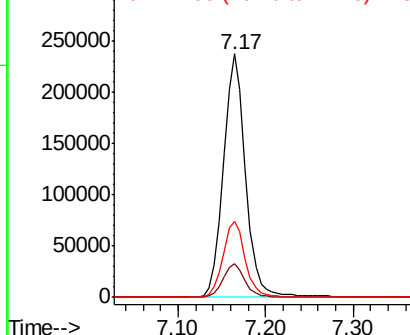
99 100

42 13.9 12.0 18.0

71 31.4 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: 2.652 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042481.D

Acq: 25 Aug 2019 17:04

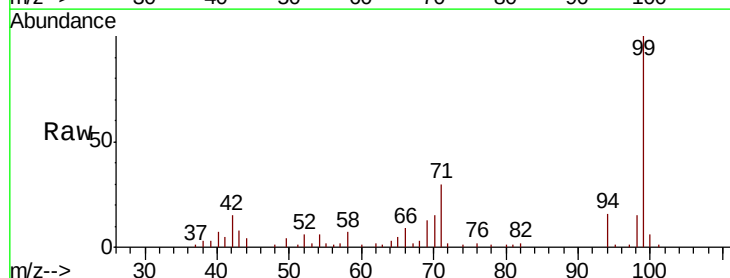
Tgt Ion: 94 Resp: 8181

Ion Ratio Lower Upper

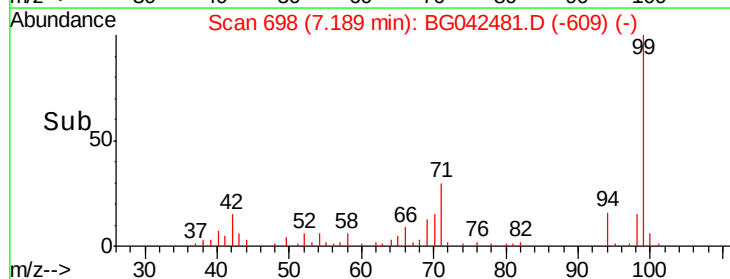
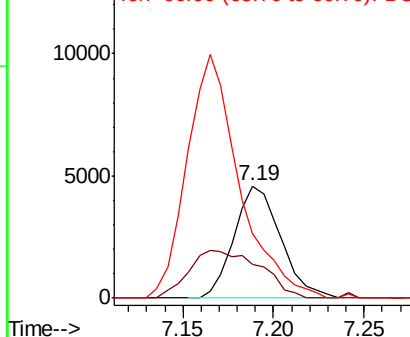
94 100

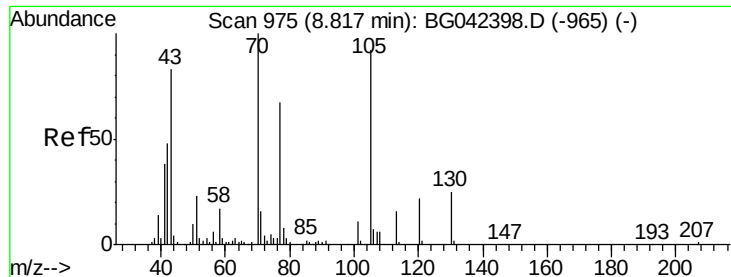
65 30.6 5.6 45.6

66 57.3 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

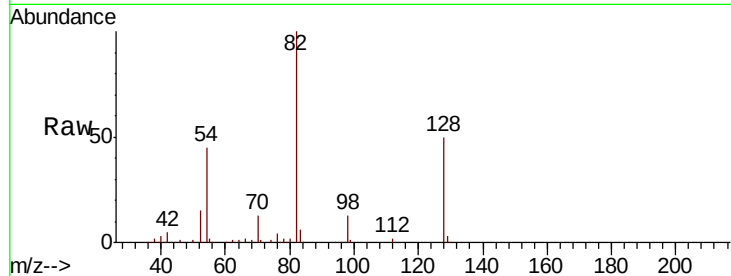




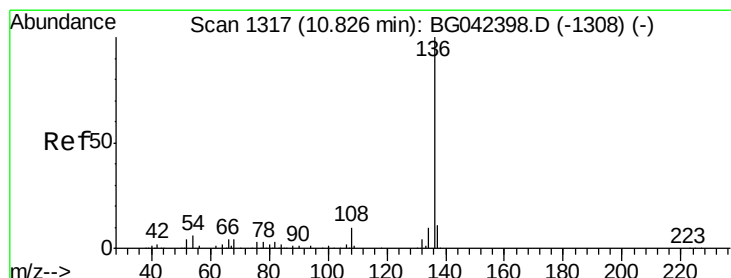
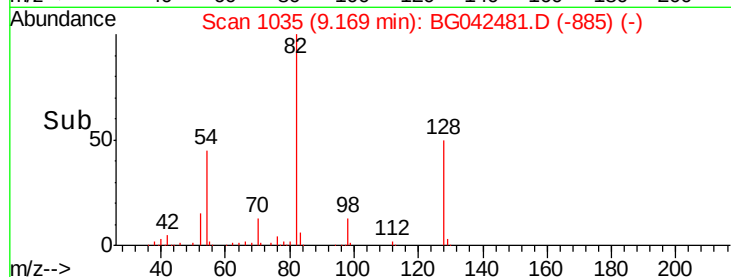
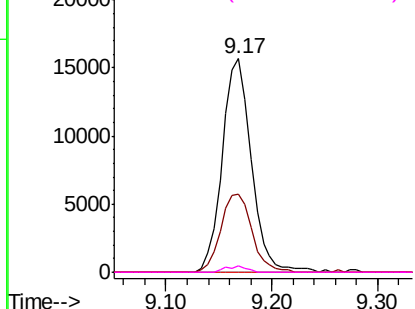
#19
n-Nitroso-di-n-propylamine
Concen: 15.264 ng
RT: 9.17 min Scan# 1035
Delta R.T. 0.35 min
Lab File: BG042481.D
Acq: 25 Aug 2019 17:04

Instrument :
BNA_G
ClientSampled :

Tot Ion: 70 Resp: 30007
Ion Ratio Lower Upper
70 100
42 36.5 38.8 58.2#
101 0.0 9.0 13.6#
130 2.9 20.0 30.0#

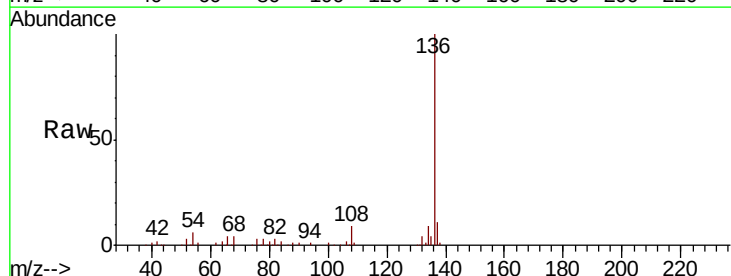


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

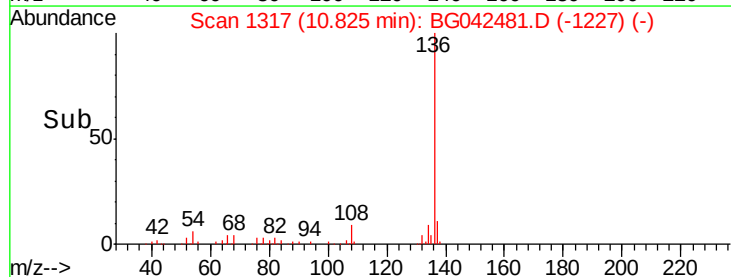
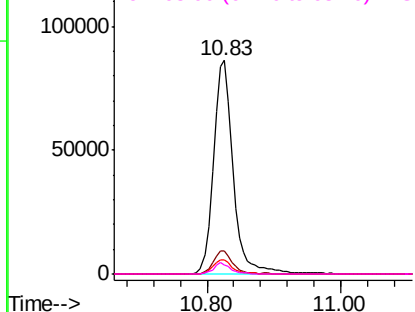


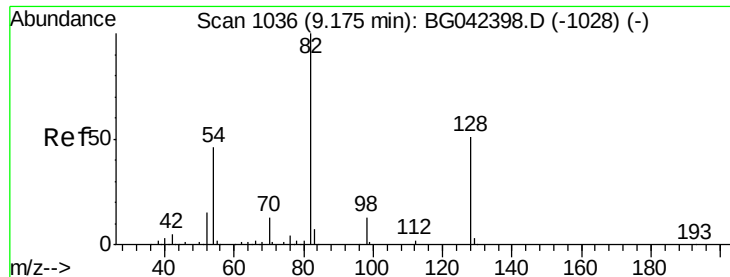
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG042481.D
Acq: 25 Aug 2019 17:04

Tgt Ion: 136 Resp: 178617
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 6.4 4.9 7.3
68 4.5 3.6 5.4



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

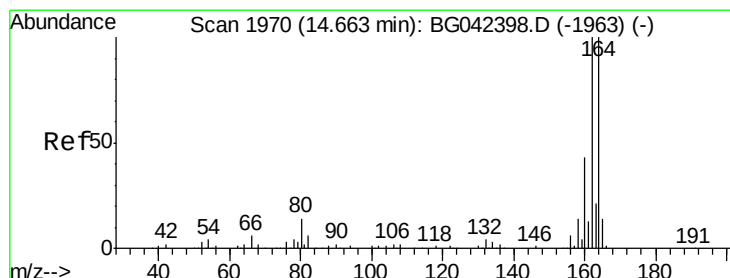
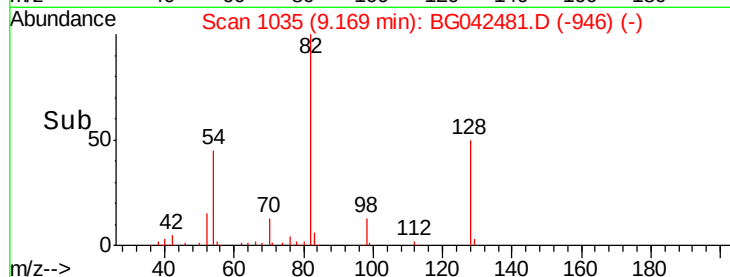
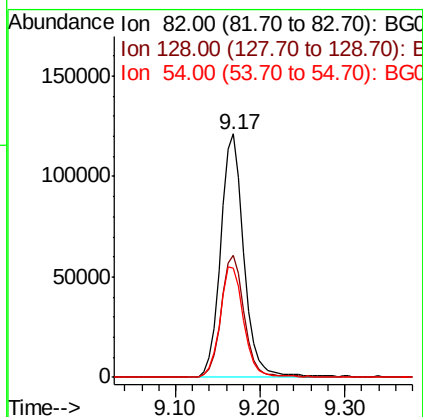
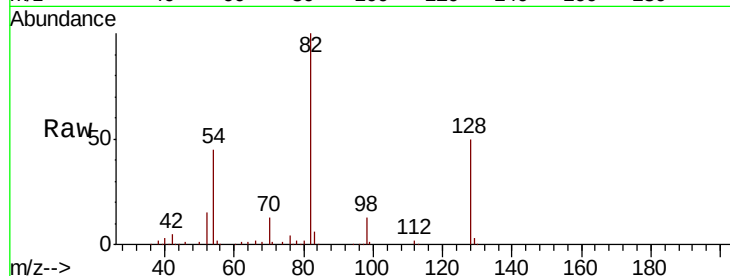




#23
Nitrobenzene-d5
Concen: 89.368 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG042481.D
Acq: 25 Aug 2019 17:04

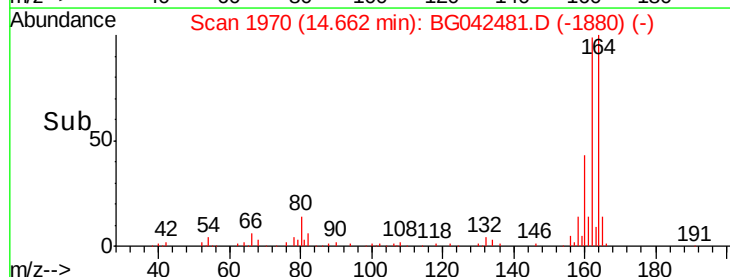
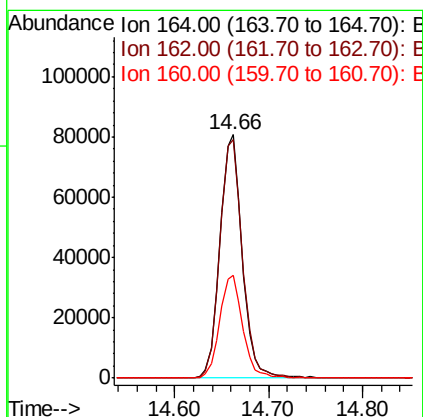
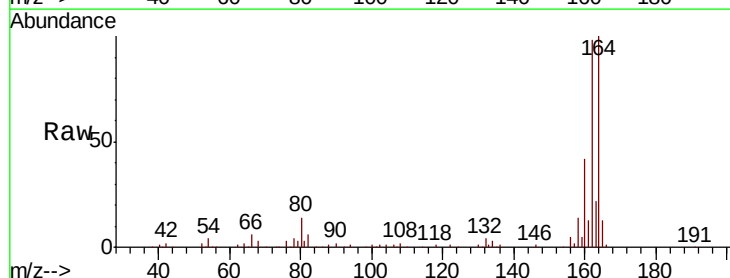
Instrument :
BNA_G
ClientSampleId :

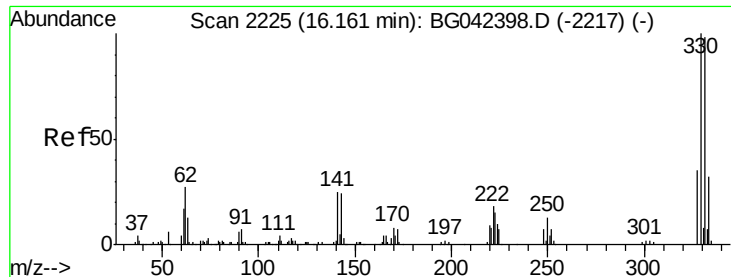
Tot Ion	82	Resp	230994
Ion Ratio	Lower	Upper	
82	100		
128	50.1	40.7	61.1
54	44.6	36.3	54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG042481.D
Acq: 25 Aug 2019 17:04

Tgt Ion	164	Resp	134322
Ion Ratio	Lower	Upper	
164	100		
162	97.7	79.9	119.9
160	42.4	34.3	51.5





#42

2,4,6-Tribromophenol

Concen: 129.662 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042481.D

Acq: 25 Aug 2019 17:04

Instrument :

BNA_G

ClientSampleId :

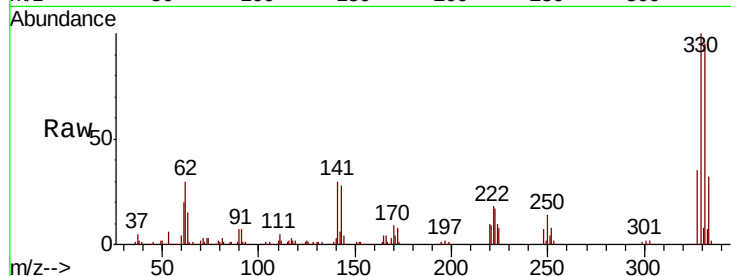
Tot Ion:330 Resp: 247547

Ion Ratio Lower Upper

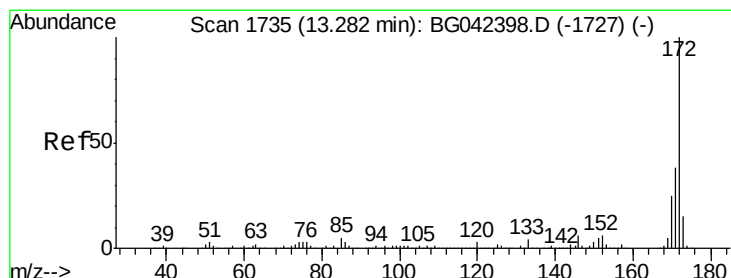
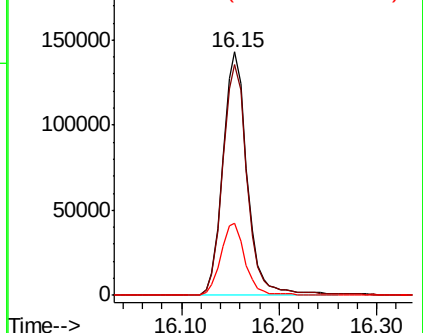
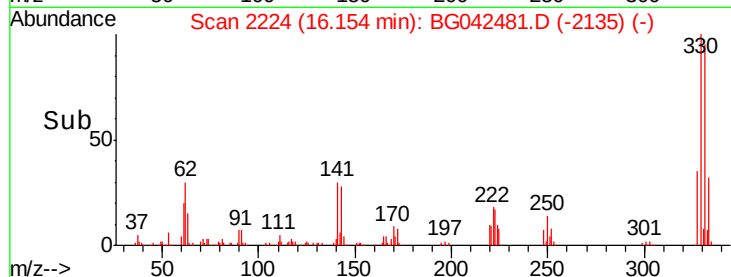
330 100

332 96.8 77.4 116.0

141 29.8 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: 82.875 ng

RT: 13.28 min Scan# 1735

Delta R.T. -0.00 min

Lab File: BG042481.D

Acq: 25 Aug 2019 17:04

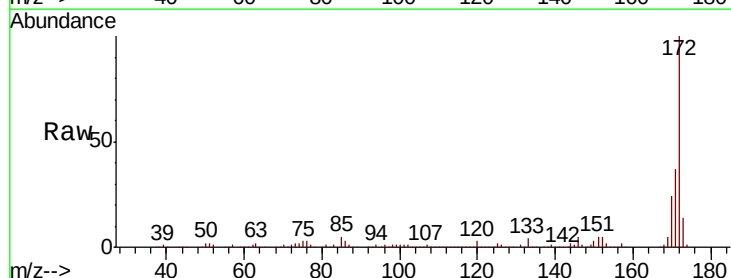
Tgt Ion:172 Resp: 658192

Ion Ratio Lower Upper

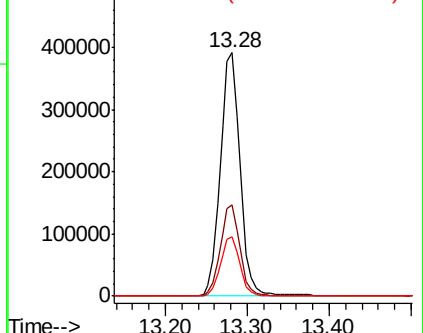
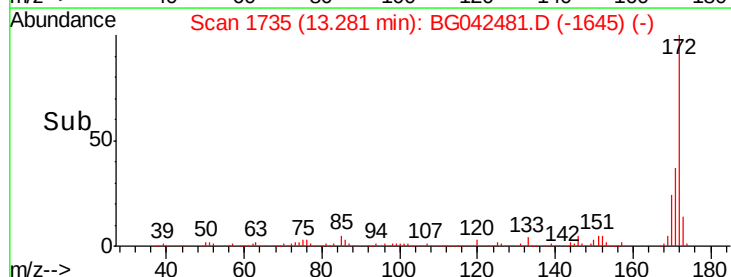
172 100

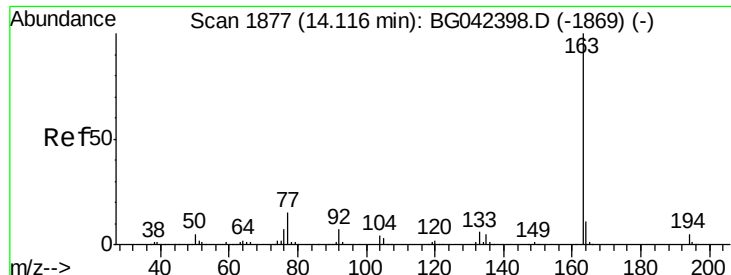
171 37.2 30.5 45.7

170 24.1 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

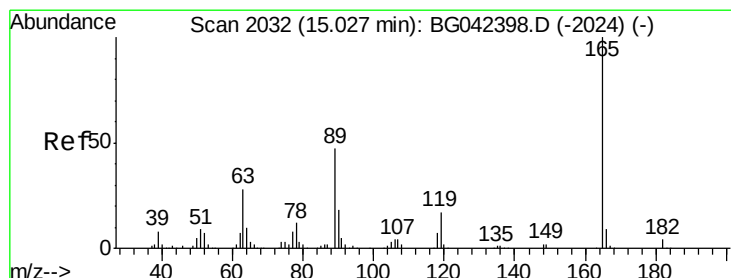
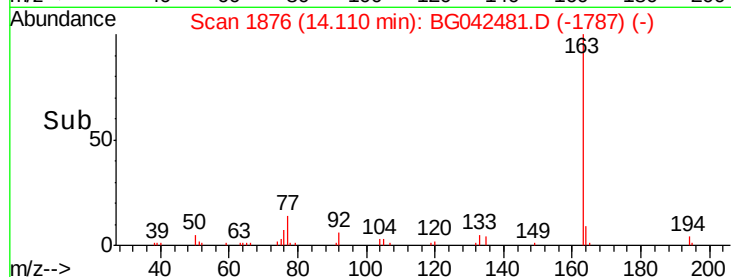
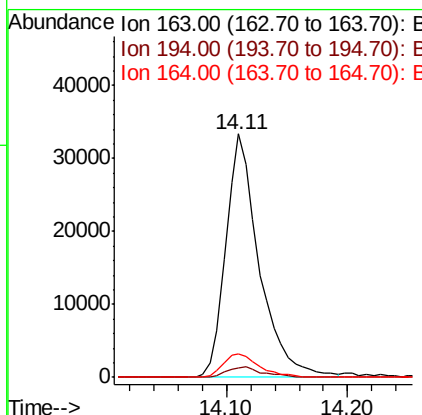
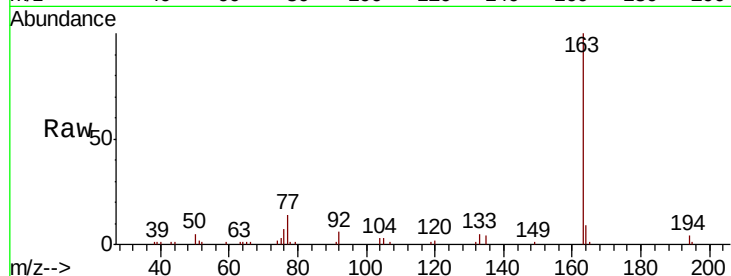




#50
Dimethylphthalate
Concen: 6.600 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG042481.D
Acq: 25 Aug 2019 17:04

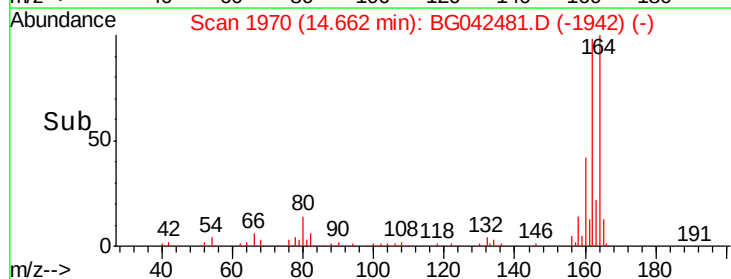
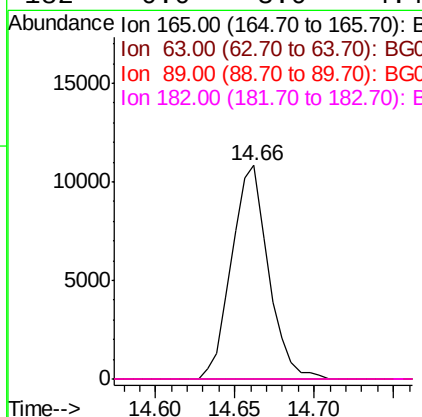
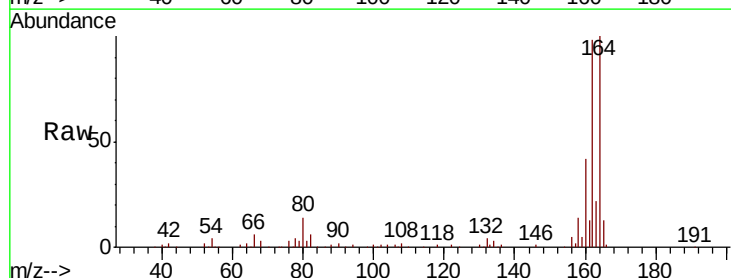
Instrument :
BNA_G
ClientSampleId :

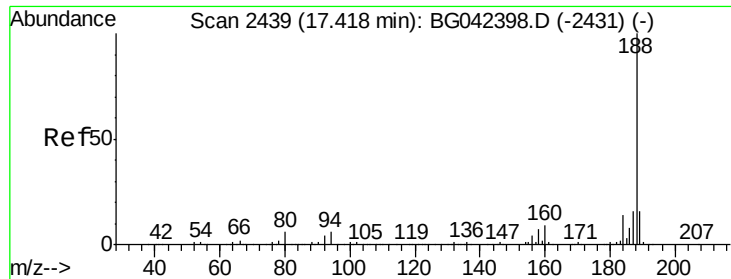
Tot Ion:163 Resp: 63968
Ion Ratio Lower Upper
163 100
194 4.1 4.2 6.2#
164 9.5 8.8 13.2



#57
2,4-Dinitrotoluene
Concen: 5.403 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.37 min
Lab File: BG042481.D
Acq: 25 Aug 2019 17:04

Tgt Ion:165 Resp: 17381
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#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG042481.D

Acq: 25 Aug 2019 17:04

Instrument :

BNA_G

ClientSampleId :

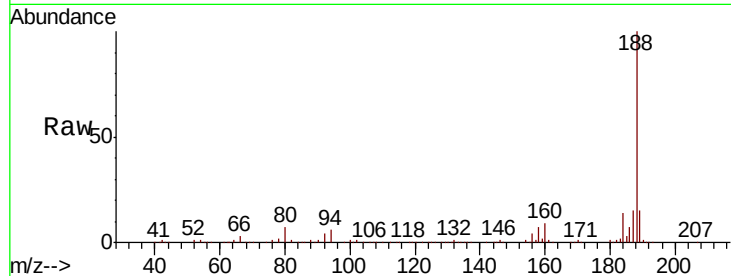
Tot Ion:188 Resp: 336563

Ion Ratio Lower Upper

188 100

94 6.4 4.5 6.7

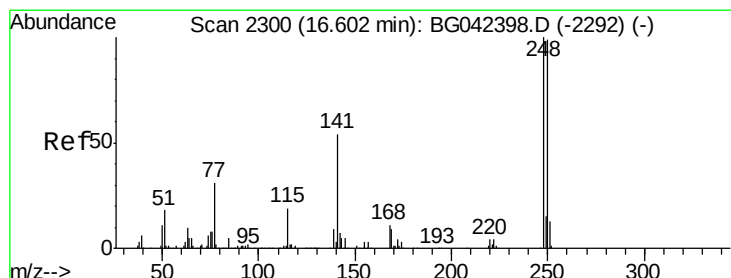
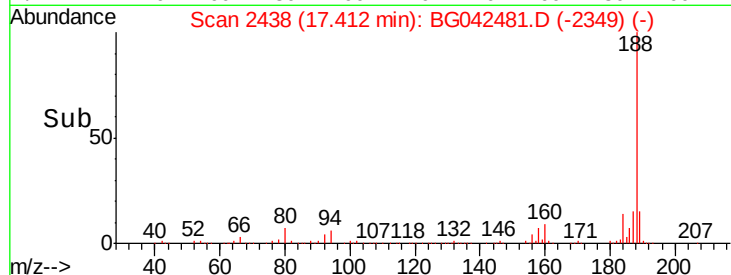
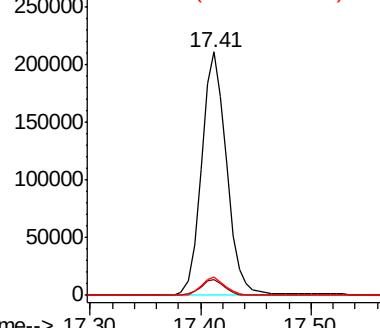
80 7.3 4.9 7.3#



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: 4.105 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.45 min

Lab File: BG042481.D

Acq: 25 Aug 2019 17:04

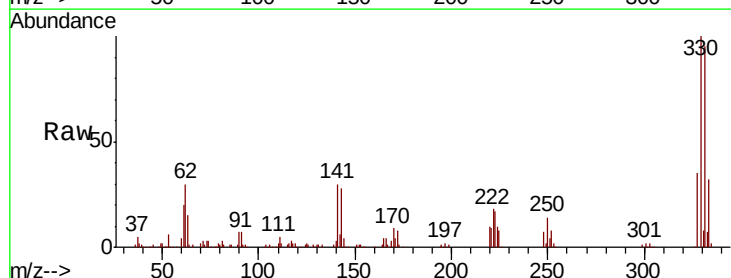
Tgt Ion:248 Resp: 17523

Ion Ratio Lower Upper

248 100

250 192.8 78.9 118.3#

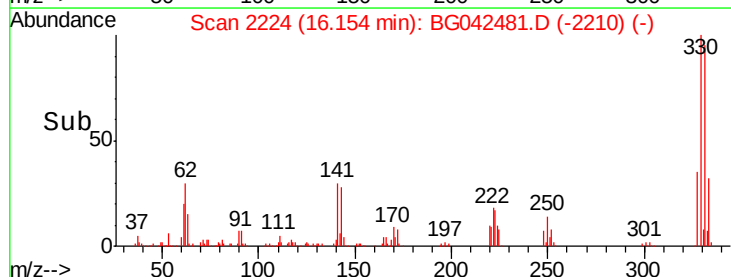
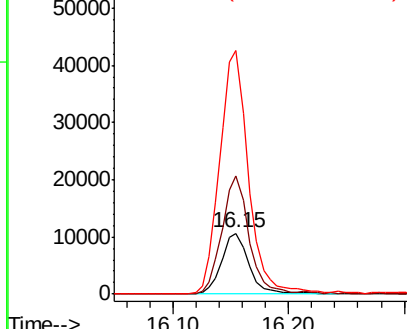
141 398.5 43.3 64.9#

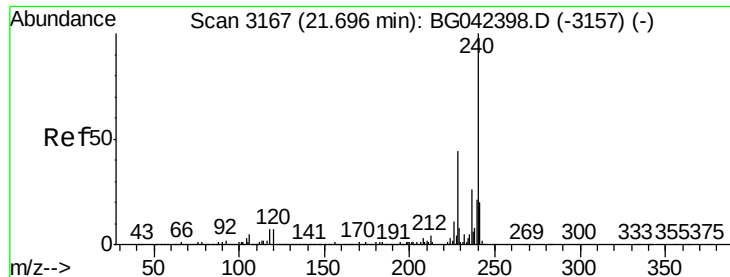


Abundance Ion 248.00 (247.70 to 248.70): E

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# 3166

Delta R.T. -0.01 min

Lab File: BG042481.D

Acq: 25 Aug 2019 17:04

Instrument :

BNA_G

ClientSampled :

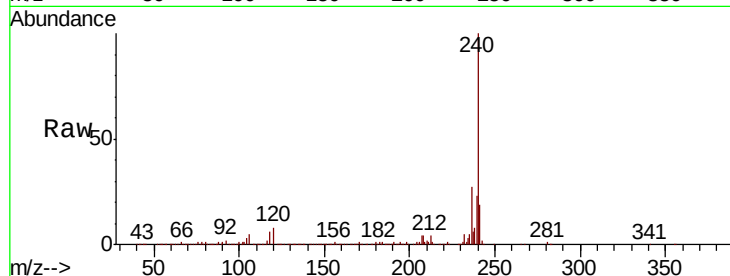
Tot Ion:240 Resp: 354930

Ion Ratio Lower Upper

240 100

120 7.5 5.7 8.5

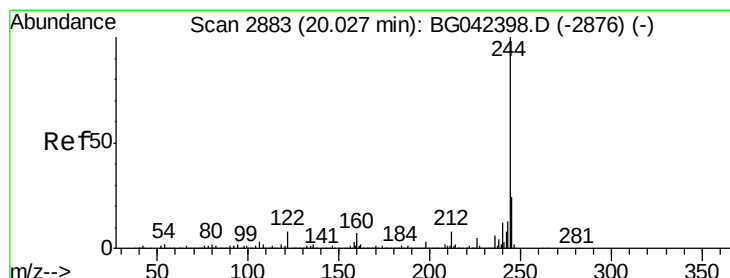
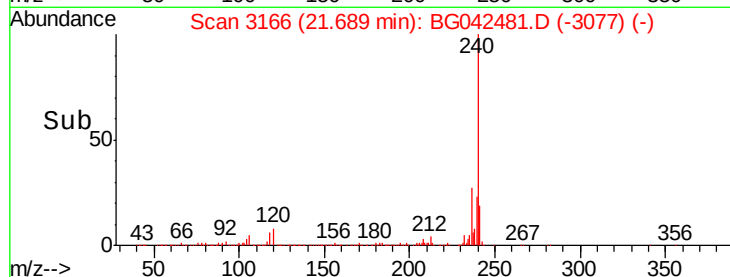
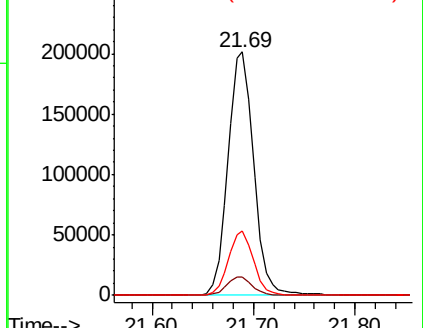
236 26.7 21.0 31.4



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: 75.921 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042481.D

Acq: 25 Aug 2019 17:04

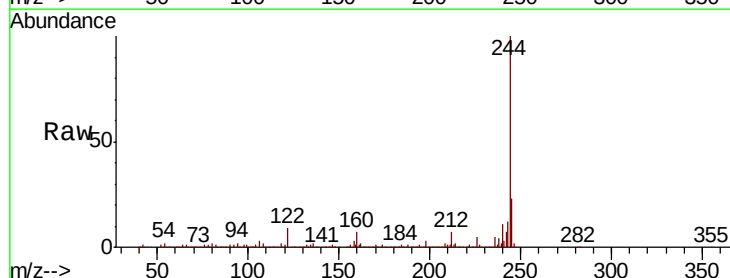
Tgt Ion:244 Resp: 1246428

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

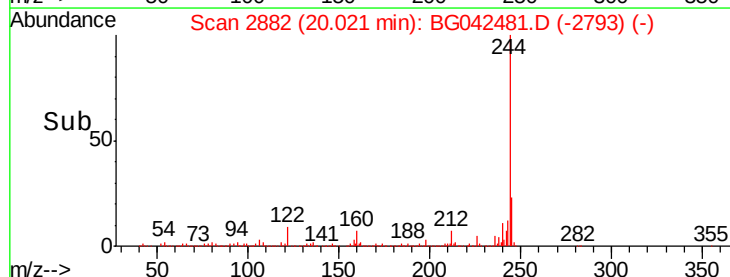
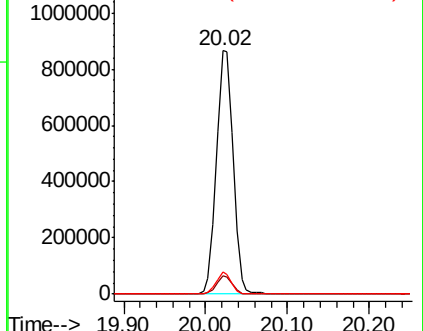
122 8.9 6.7 10.1

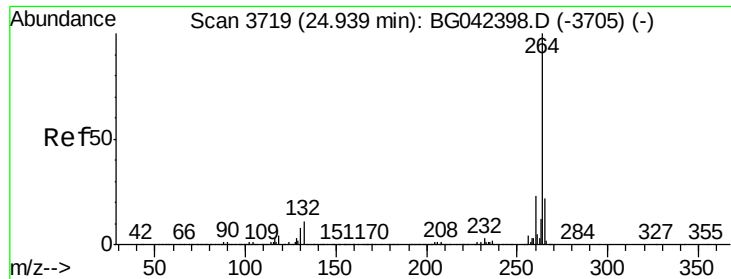


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.93 min Scan# 3718
Delta R.T. -0.01 min
Lab File: BG042481.D
Acq: 25 Aug 2019 17:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.5	27.7
265	22.3	17.6	26.4

