

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090619\
 Data File : BG042757.D
 Acq On : 6 Sep 2019 21:09
 Operator : HP/JU
 Sample : K4722-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 07 01:20:25 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

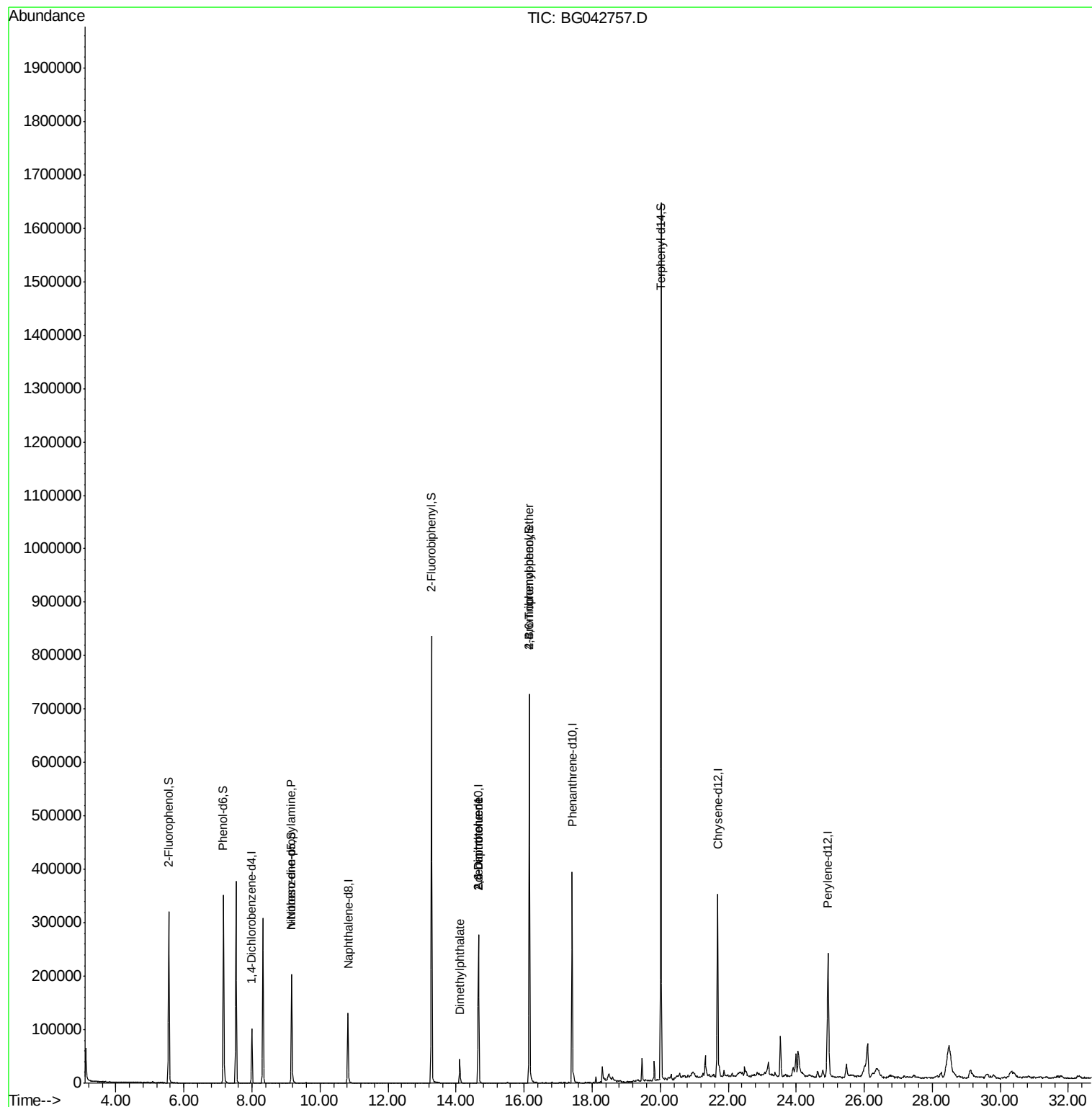
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	33135	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	140256	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	117275	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	279922	20.00	ng	0.00
76) Chrysene-d12	21.69	240	230324	20.00	ng	0.00
87) Perylene-d12	24.93	264	270600	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	167215	102.21	ng	0.00
7) Phenol-d6	7.16	99	235456	106.54	ng	-0.01
23) Nitrobenzene-d5	9.16	82	133392	65.72	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	191326	114.78	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	501892	72.38	ng	0.00
79) Terphenyl-d14	20.02	244	842652	79.09	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.17	70	16971	11.854	ng	# 73
50) Dimethylphthalate	14.10	163	44864	5.302	ng	# 98
51) 2,6-Dinitrotoluene	14.66	165	14859	7.576	ng	# 36
57) 2,4-Dinitrotoluene	14.66	165	14859	5.290	ng	# 38
67) 4-Bromophenyl-phenylether	16.15	248	12612	3.552	ng	# 1

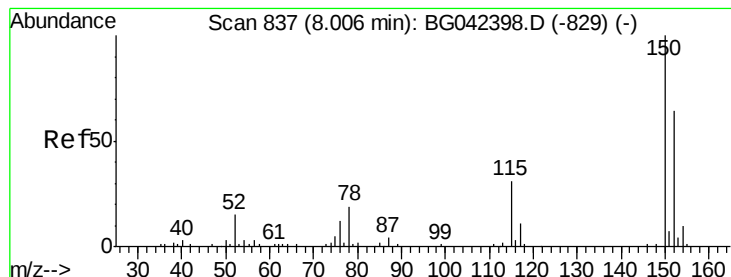
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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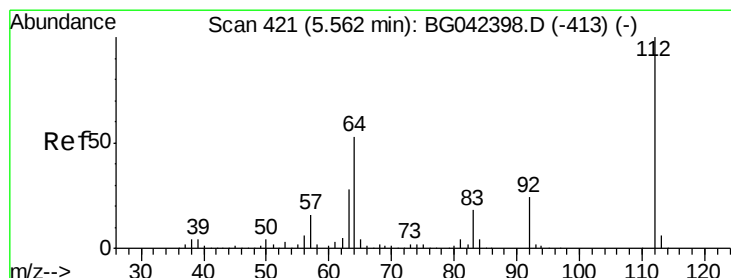
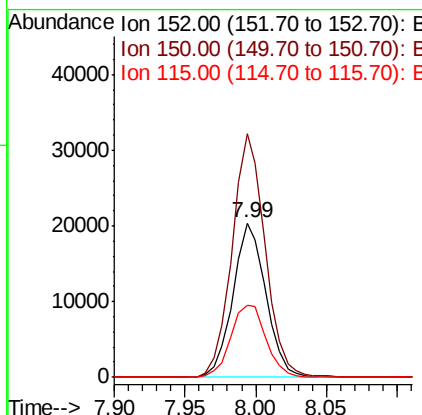
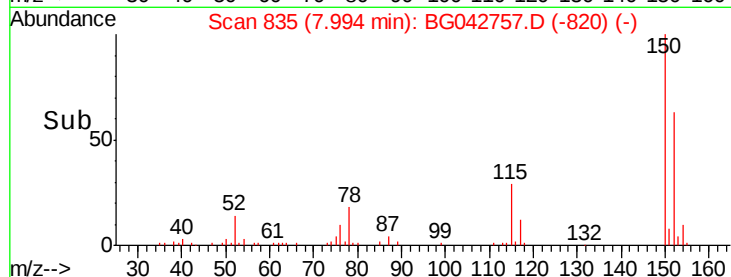
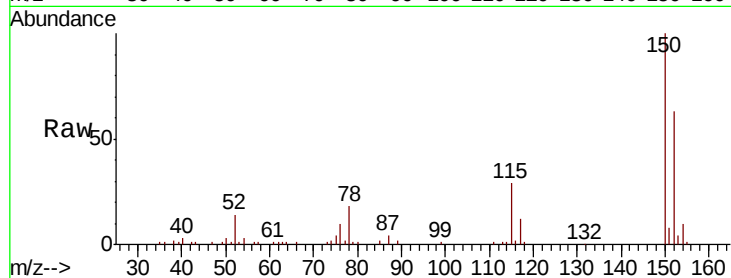


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042757.D
Acq: 6 Sep 2019 21:09

Instrument :
BNA_G
ClientSampleId :

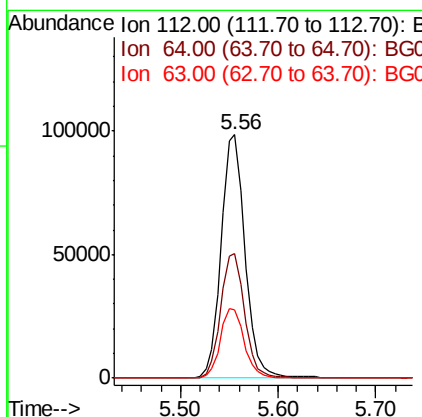
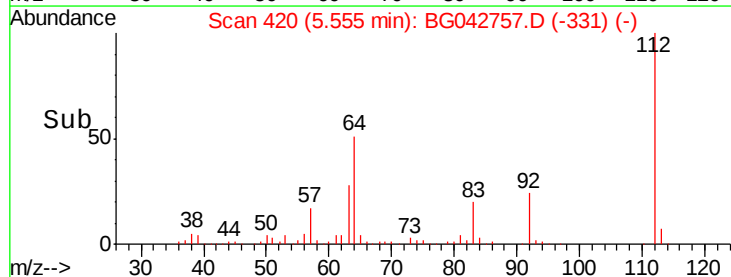
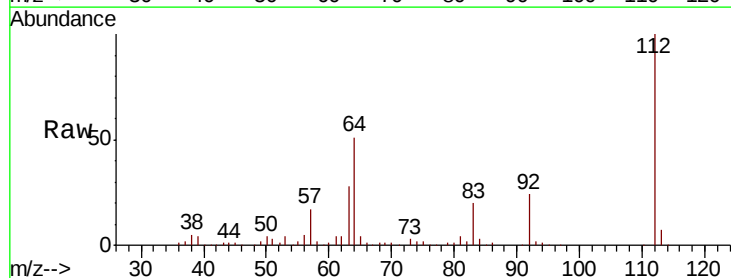
Tot Ion:152 Resp: 33135
Ion Ratio Lower Upper
152 100
150 158.0 125.4 188.0
115 46.6 38.5 57.7

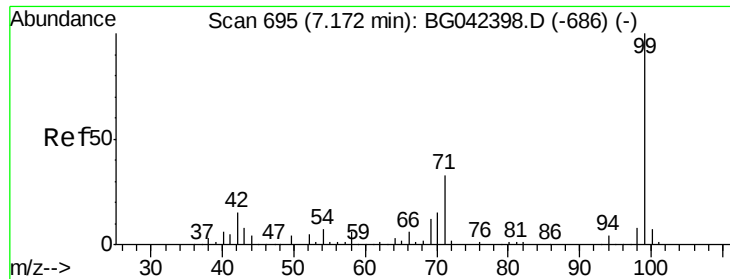


#5

2-Fluorophenol
Concen: 102.206 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042757.D
Acq: 6 Sep 2019 21:09

Tgt Ion:112 Resp: 167215
Ion Ratio Lower Upper
112 100
64 51.3 42.8 64.2
63 28.2 22.7 34.1





#7

Phenol-d6

Concen: 106.544 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042757.D

Acq: 6 Sep 2019 21:09

Instrument :

BNA_G

ClientSampleId :

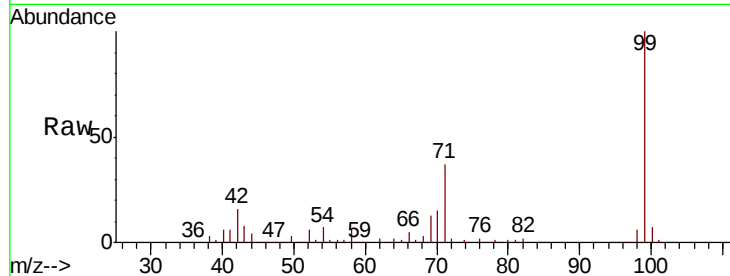
Tot Ion: 99 Resp: 235456

Ion Ratio Lower Upper

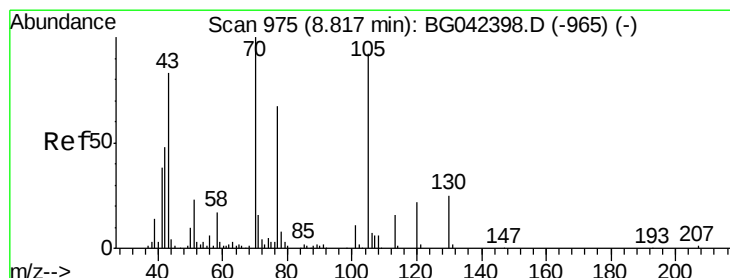
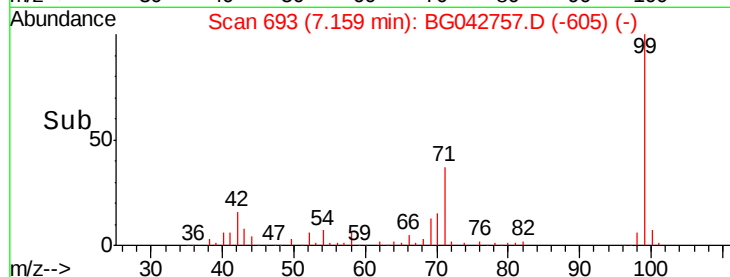
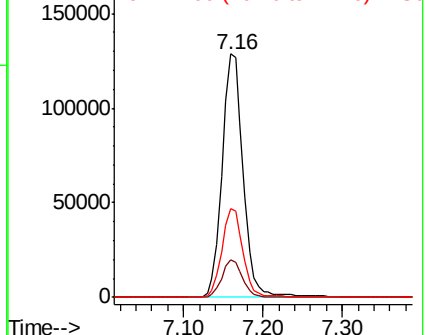
99 100

42 15.5 12.0 18.0

71 36.5 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



#19

n-Nitroso-di-n-propylamine

Concen: 11.854 ng

RT: 9.17 min Scan# 1035

Delta R.T. 0.35 min

Lab File: BG042757.D

Acq: 6 Sep 2019 21:09

Tgt Ion: 70 Resp: 16971

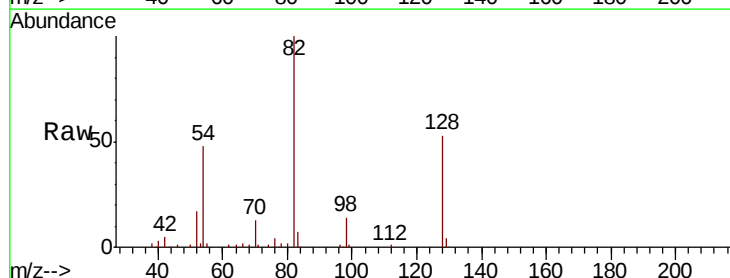
Ion Ratio Lower Upper

70 100

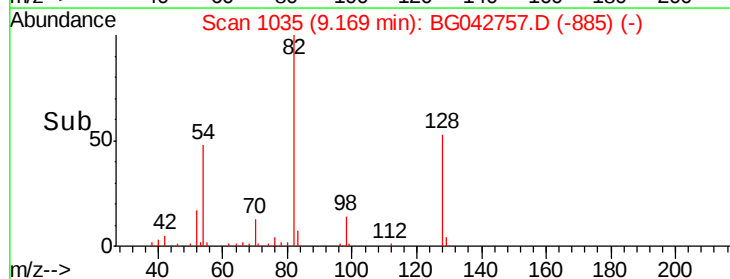
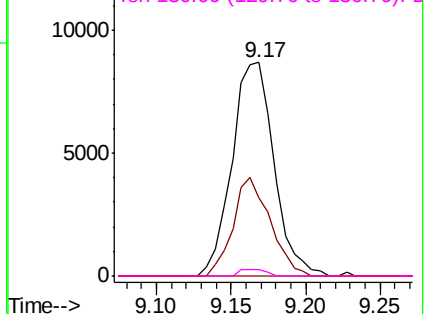
42 36.7 38.8 58.2#

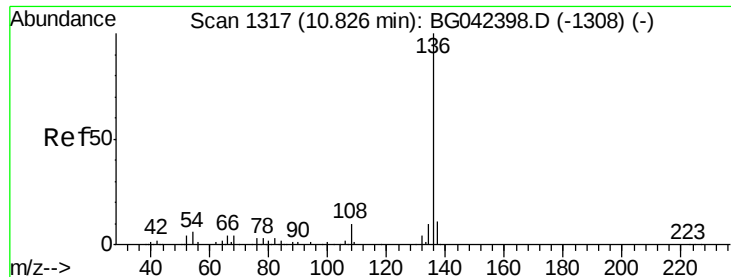
101 0.0 9.0 13.6#

130 2.8 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

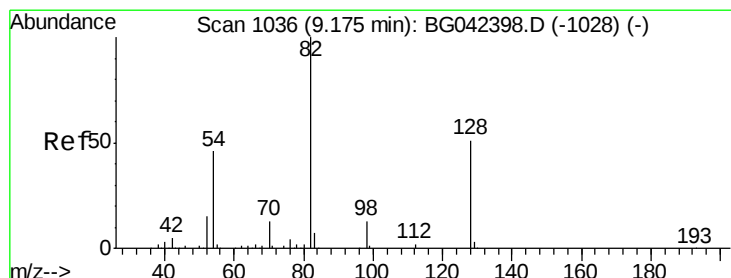
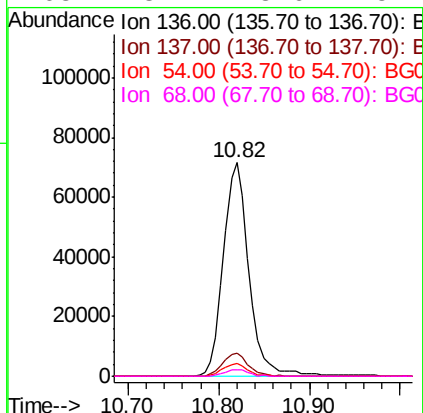
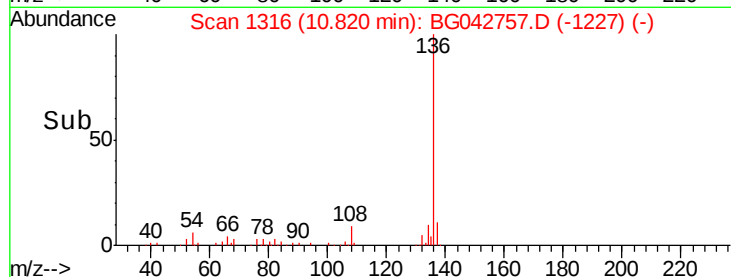
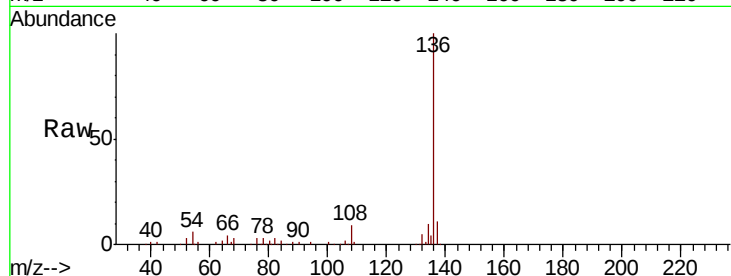




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042757.D
Acq: 6 Sep 2019 21:09

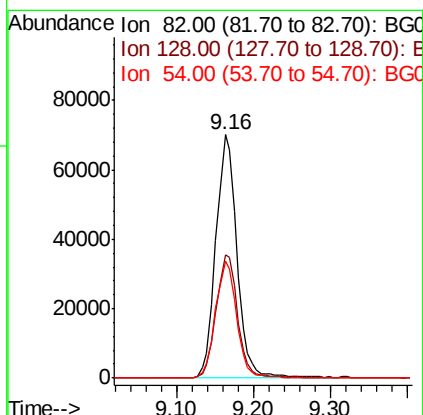
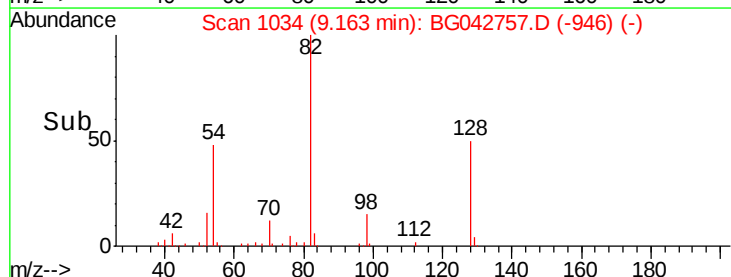
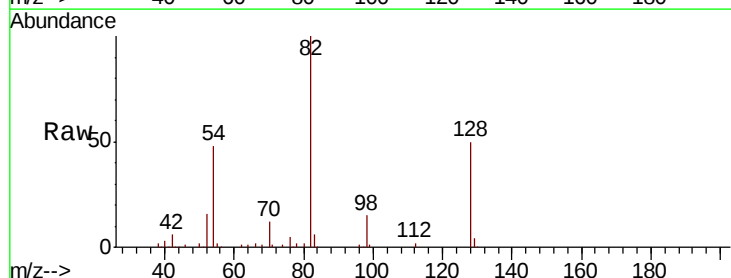
Instrument :
BNA_G
ClientSampled :

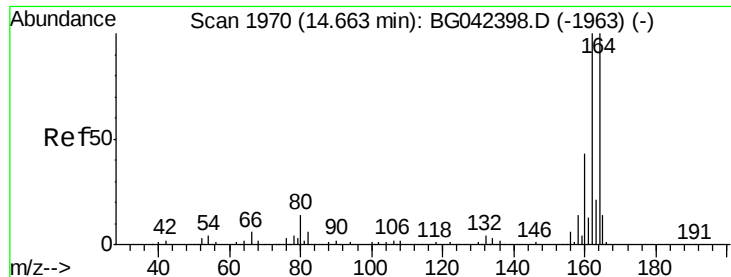
Tot Ion:136	Resp:	140256
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.7 13.1
54	5.8	4.9 7.3
68	3.1	3.6 5.4#



#23
Nitrobenzene-d5
Concen: 65.722 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042757.D
Acq: 6 Sep 2019 21:09

Tgt Ion: 82	Resp:	133392
Ion	Ratio	Lower Upper
82	100	
128	50.4	40.7 61.1
54	48.0	36.3 54.5

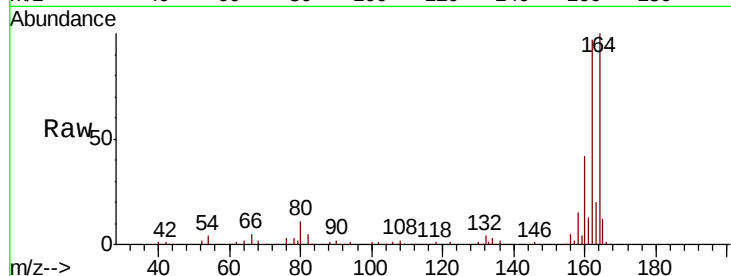




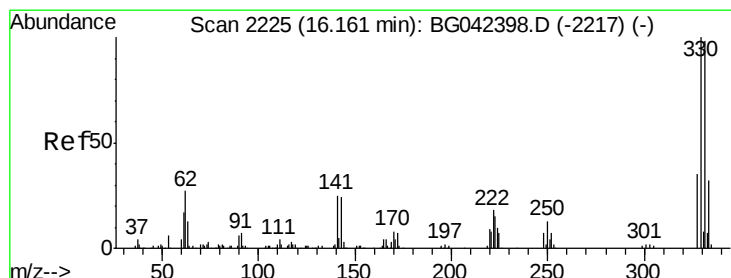
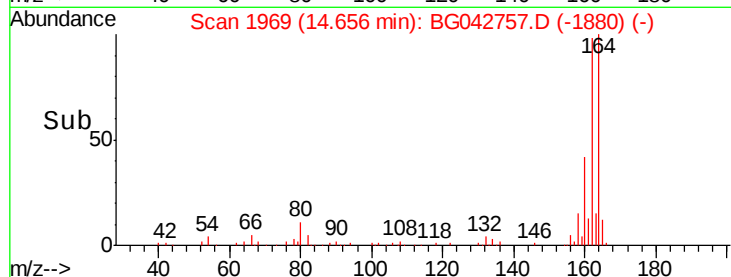
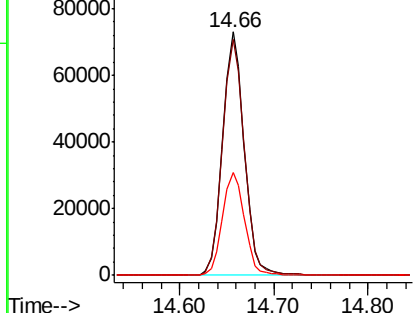
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042757.D
Acq: 6 Sep 2019 21:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 117275
Ion Ratio Lower Upper
164 100
162 97.1 79.9 119.9
160 42.2 34.3 51.5

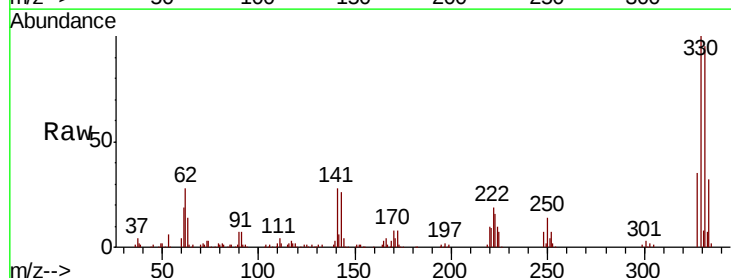


Abundance Ion 164.00 (163.70 to 164.70): E
100000 Ion 162.00 (161.70 to 162.70): E
80000 Ion 160.00 (159.70 to 160.70): E
60000
40000
20000
0

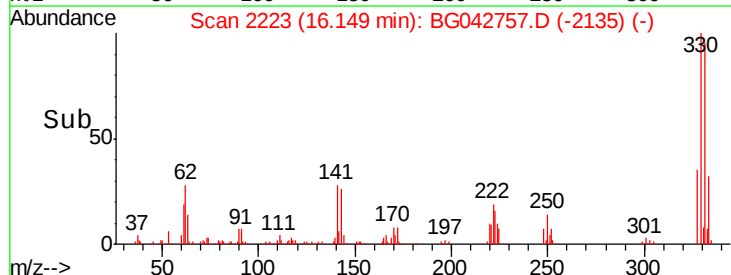
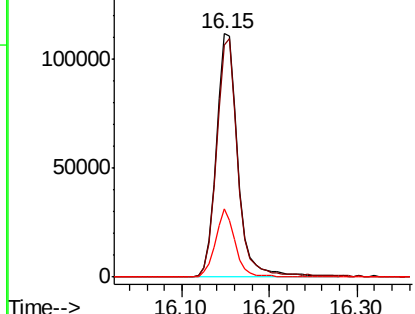


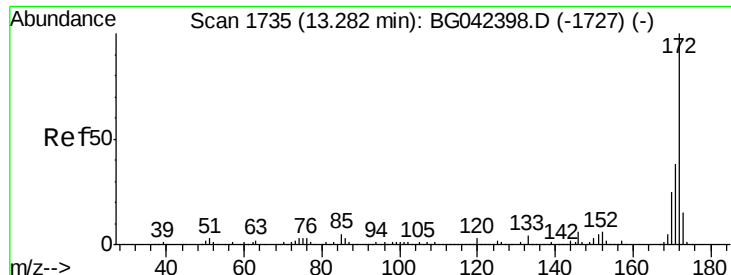
#42
2,4,6-Tribromophenol
Concen: 114.781 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG042757.D
Acq: 6 Sep 2019 21:09

Tgt Ion:330 Resp: 191326
Ion Ratio Lower Upper
330 100
332 97.1 77.4 116.0
141 25.7 21.4 32.0



Abundance Ion 329.80 (329.50 to 330.50): E
150000 Ion 331.80 (331.50 to 332.50): E
100000 Ion 141.00 (140.70 to 141.70): E
50000
0

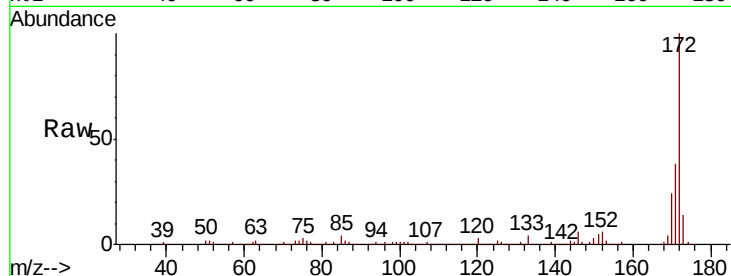




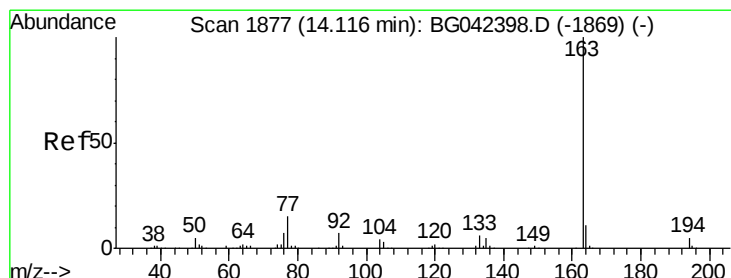
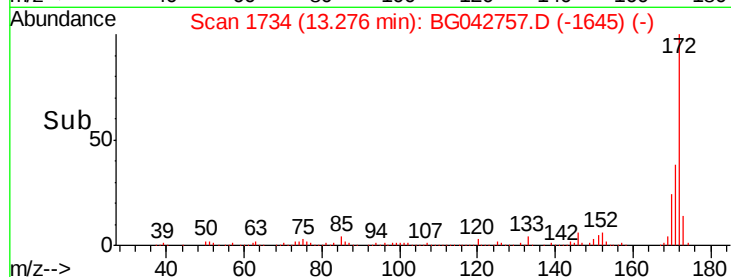
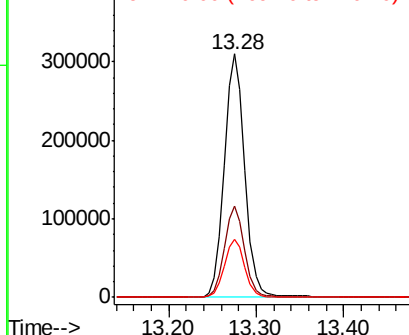
#45
2-Fluorobiphenyl
Concen: 72.380 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042757.D
Acq: 6 Sep 2019 21:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 501892
Ion Ratio Lower Upper
172 100
171 37.5 30.5 45.7
170 24.0 20.2 30.2

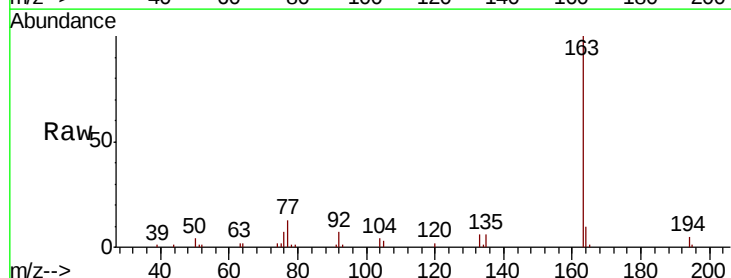


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

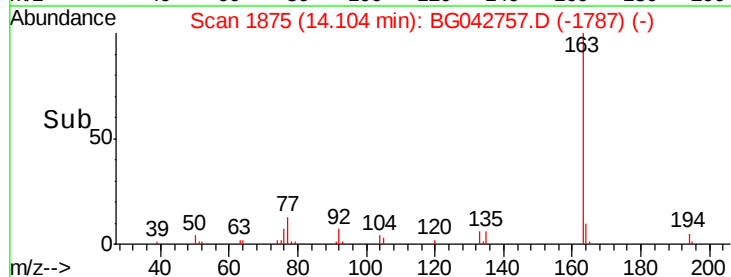
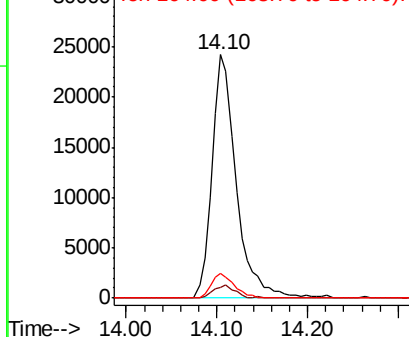


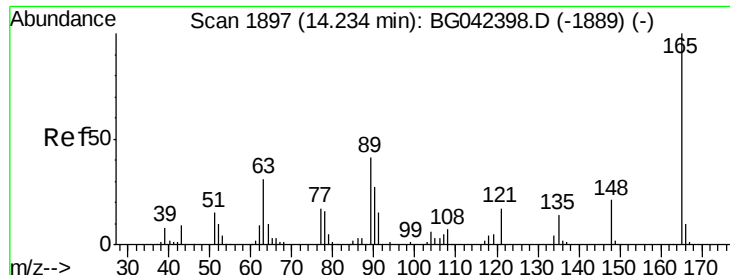
#50
Dimethylphthalate
Concen: 5.302 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042757.D
Acq: 6 Sep 2019 21:09

Tgt Ion:163 Resp: 44864
Ion Ratio Lower Upper
163 100
194 4.6 4.2 6.2
164 10.0 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

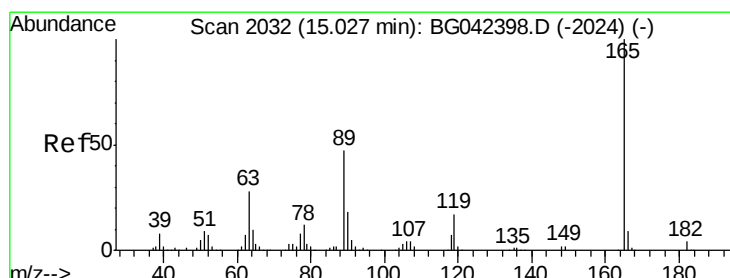
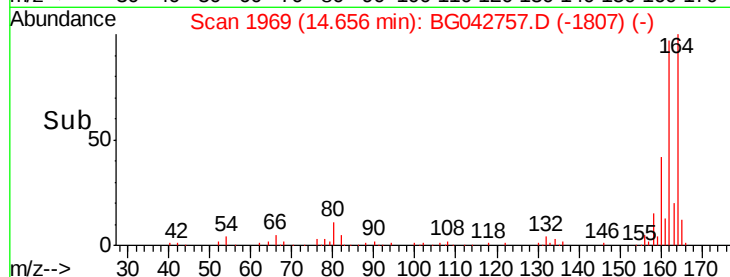
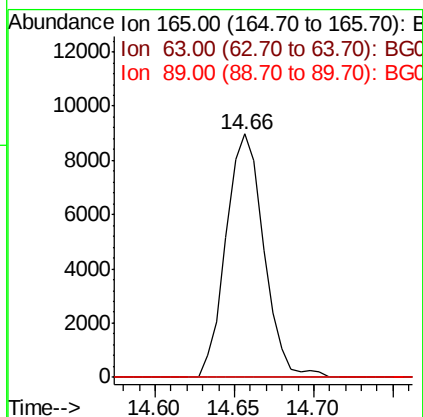
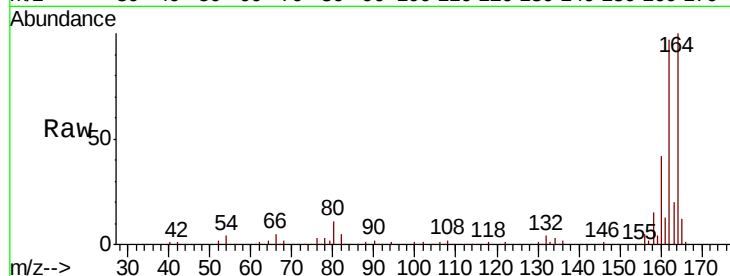




#51
 2,6-Dinitrotoluene
 Concen: 7.576 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. 0.42 min
 Lab File: BG042757.D
 Acq: 6 Sep 2019 21:09

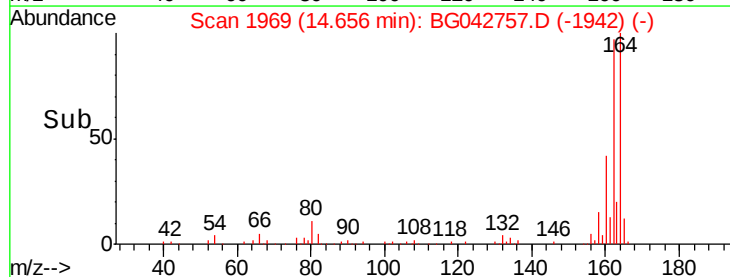
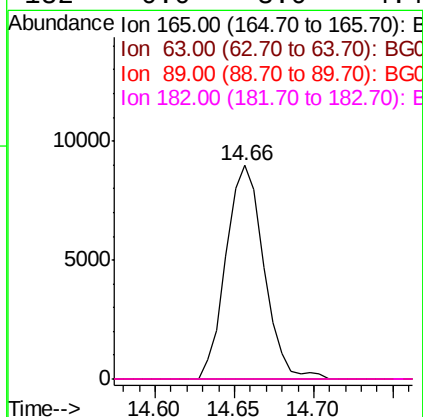
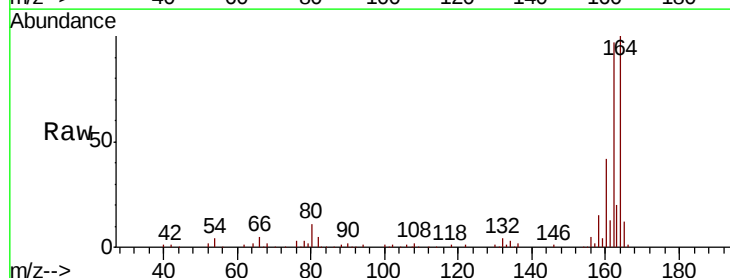
Instrument :
 BNA_G
 ClientSampleId :

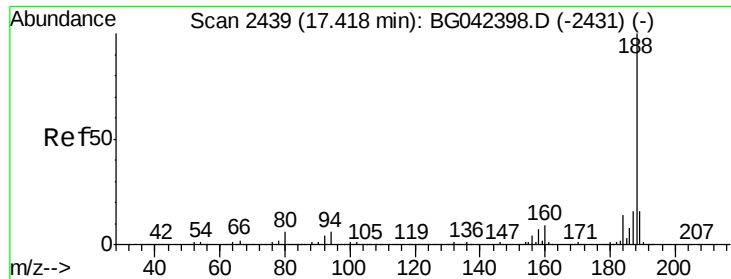
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.6	45.8#
89	0.0	32.6	49.0#



#57
 2,4-Dinitrotoluene
 Concen: 5.290 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.37 min
 Lab File: BG042757.D
 Acq: 6 Sep 2019 21:09

Tgt 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: BG042757.D

Acq: 6 Sep 2019 21:09

Instrument :

BNA_G

ClientSampled :

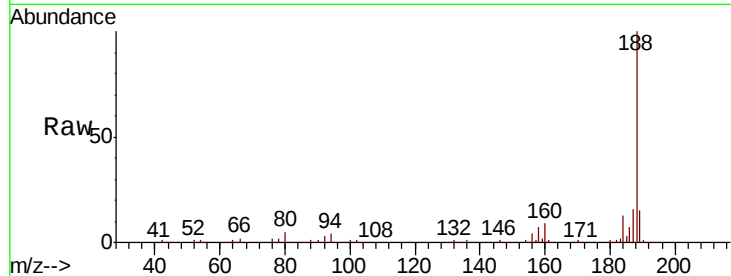
Tot Ion:188 Resp: 279922

Ion Ratio Lower Upper

188 100

94 4.5 4.5 6.7#

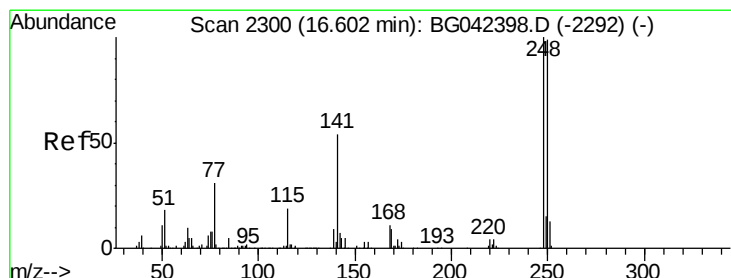
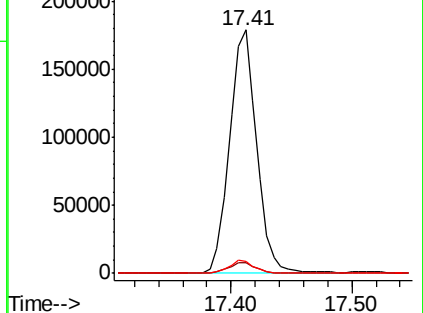
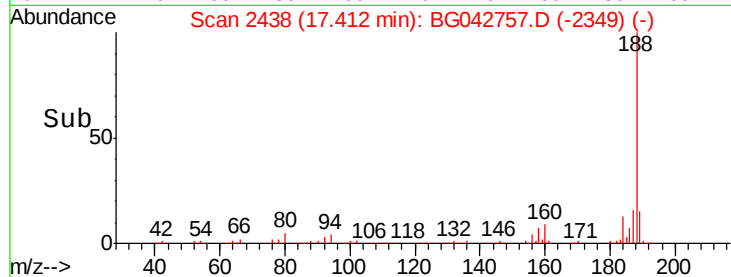
80 4.8 4.9 7.3#



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: 3.552 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.45 min

Lab File: BG042757.D

Acq: 6 Sep 2019 21:09

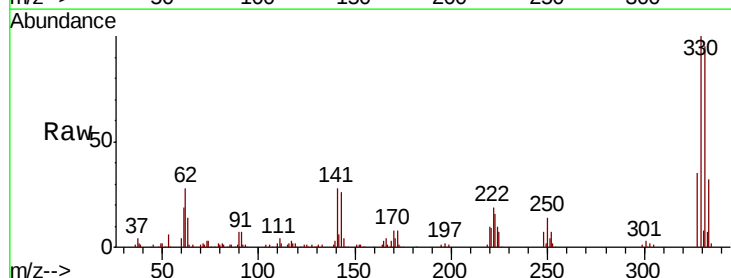
Tgt Ion:248 Resp: 12612

Ion Ratio Lower Upper

248 100

250 209.9 78.9 118.3#

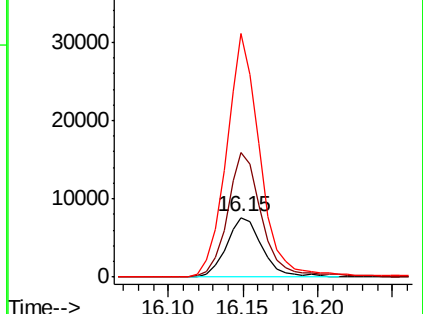
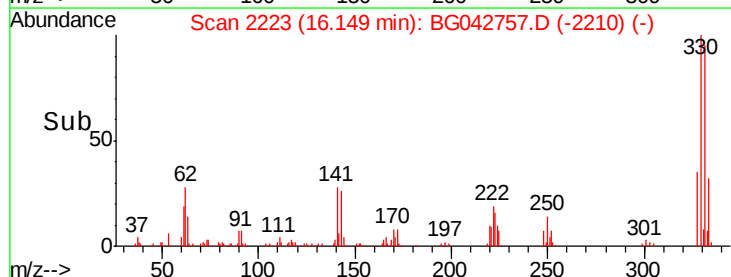
141 409.7 43.3 64.9#

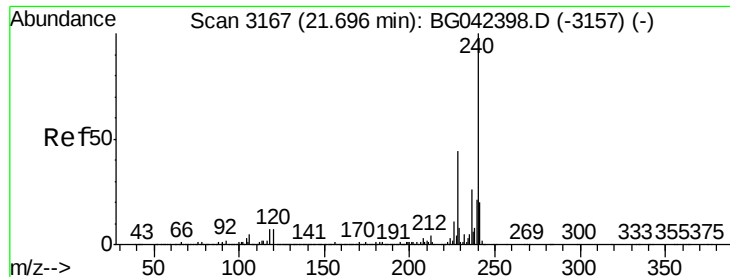


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

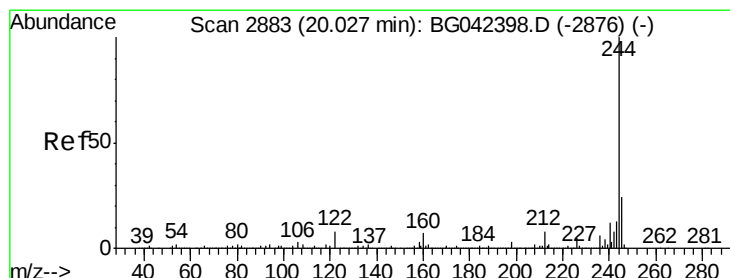
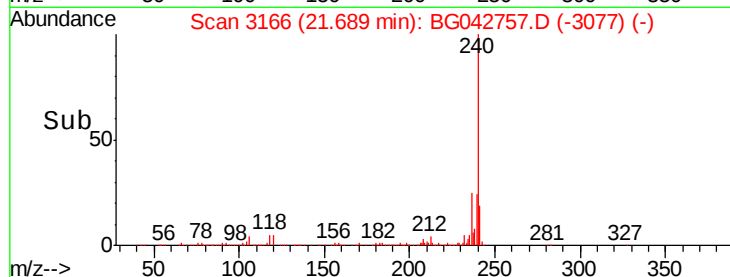
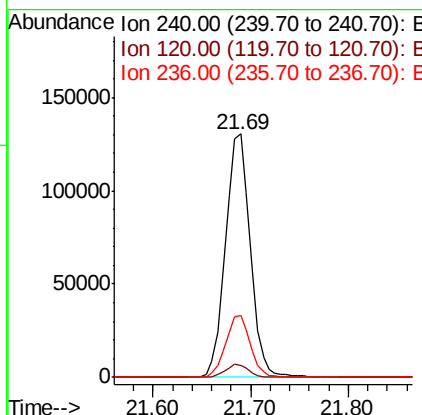
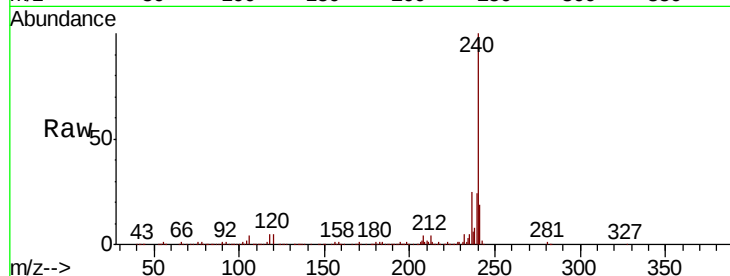




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.01 min
 Lab File: BG042757.D
 Acq: 6 Sep 2019 21:09

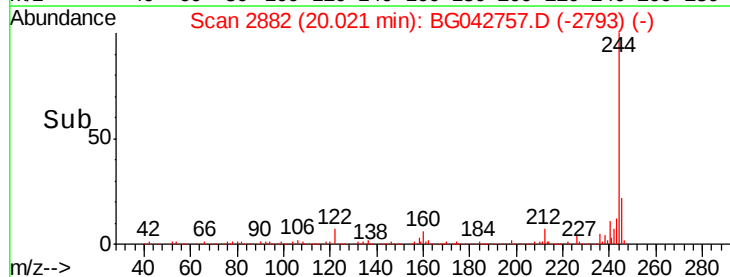
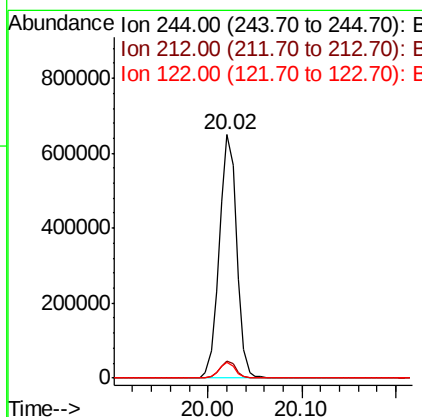
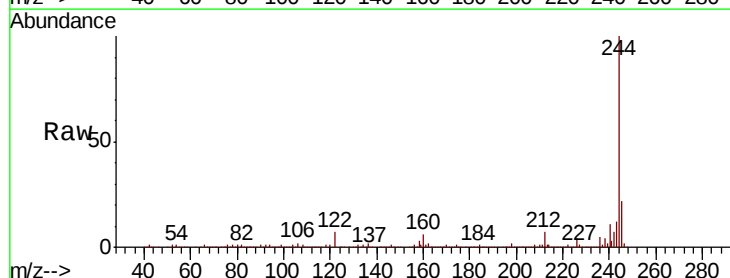
Instrument :
 BNA_G
 ClientSampleId :

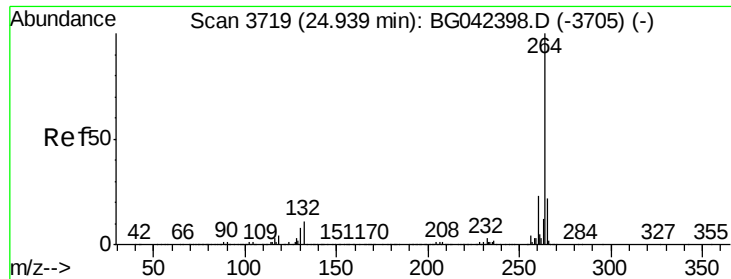
Tot Ion	Ratio	Lower	Upper
240	100		
120	4.9	5.7	8.5#
236	25.3	21.0	31.4



#79
 Terphenyl-d14
 Concen: 79.095 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. -0.01 min
 Lab File: BG042757.D
 Acq: 6 Sep 2019 21:09

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





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.93 min Scan# 3718
 Delta R.T. -0.01 min
 Lab File: BG042757.D
 Acq: 6 Sep 2019 21:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.4	18.5	27.7
265	21.6	17.6	26.4

