

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090619\
 Data File : BG042761.D
 Acq On : 6 Sep 2019 23:42
 Operator : HP/JU
 Sample : K4716-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 07 01:21:58 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

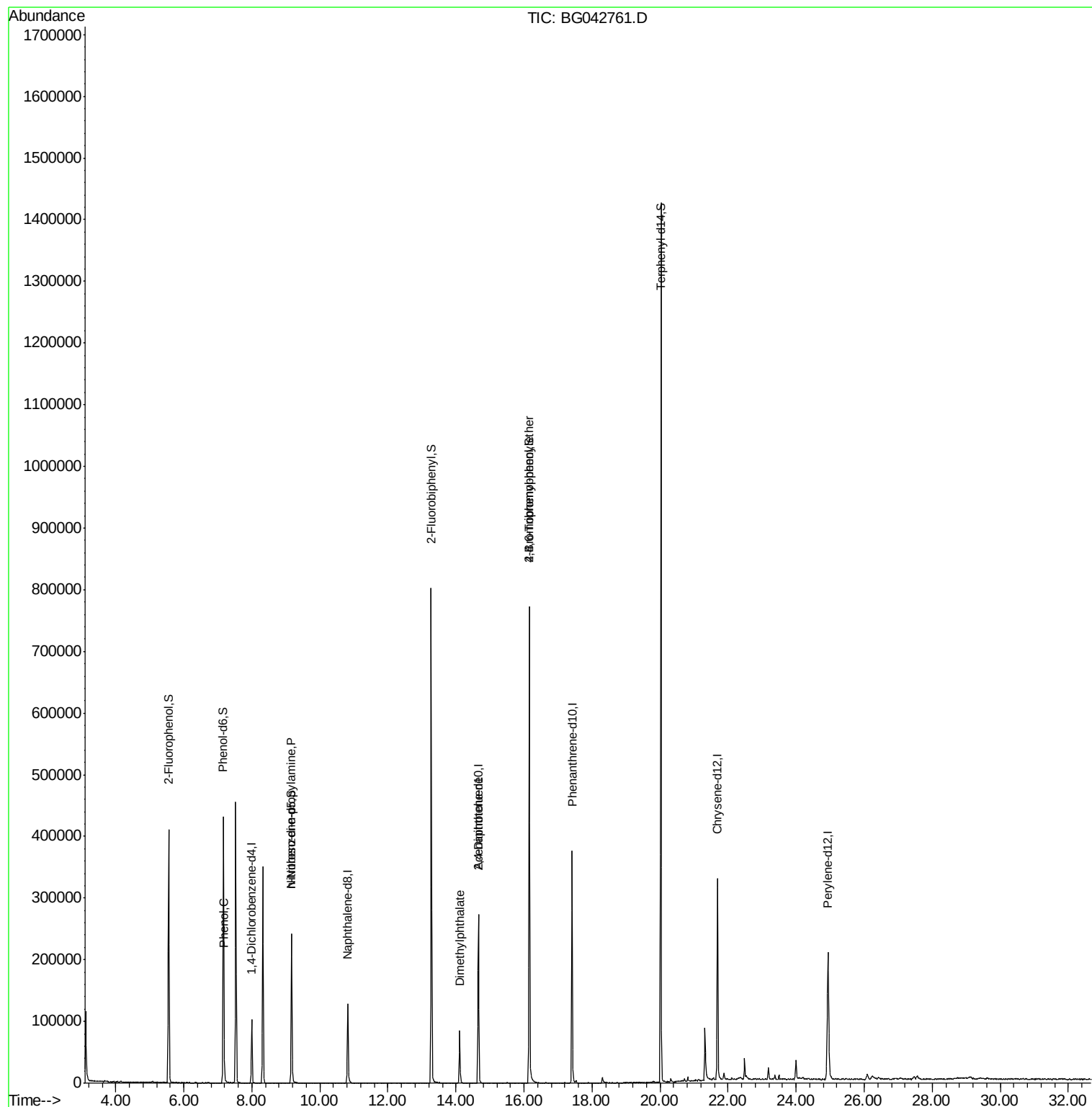
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	35086	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	143914	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	117184	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	280038	20.00	ng	0.00
76) Chrysene-d12	21.69	240	225663	20.00	ng	0.00
87) Perylene-d12	24.94	264	269047	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	207064	119.52	ng	0.00
7) Phenol-d6	7.16	99	286010	122.22	ng	0.00
23) Nitrobenzene-d5	9.17	82	155465	74.65	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	209089	125.54	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	501526	72.38	ng	0.00
79) Terphenyl-d14	20.02	244	805645	77.18	ng	0.00
Target Compounds						
10) Phenol	7.19	94	6410	2.694	ng	# 59
19) n-Nitroso-di-n-propylamine	9.17	70	20409	13.462	ng	# 77
50) Dimethylphthalate	14.11	163	80127	9.477	ng	# 99
57) 2,4-Dinitrotoluene	14.65	165	15661	5.580	ng	# 38
67) 4-Bromophenyl-phenylether	16.15	248	14308	4.028	ng	# 1

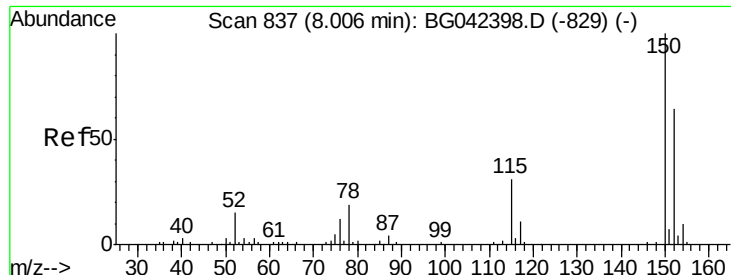
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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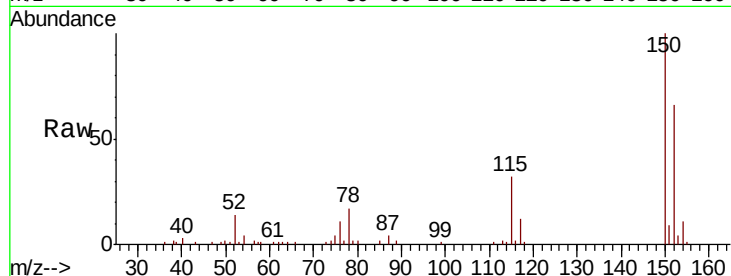


#1

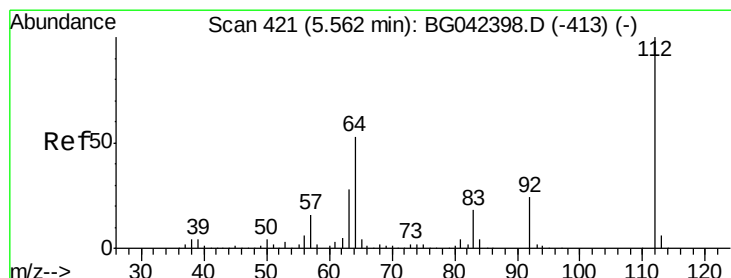
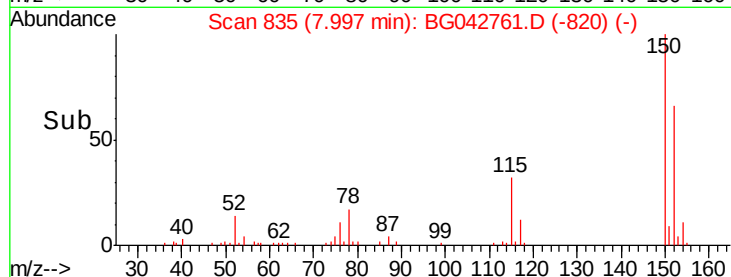
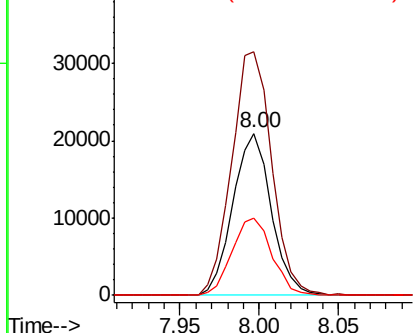
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042761.D
Acq: 6 Sep 2019 23:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.4	125.4	188.0
115	47.6	38.5	57.7



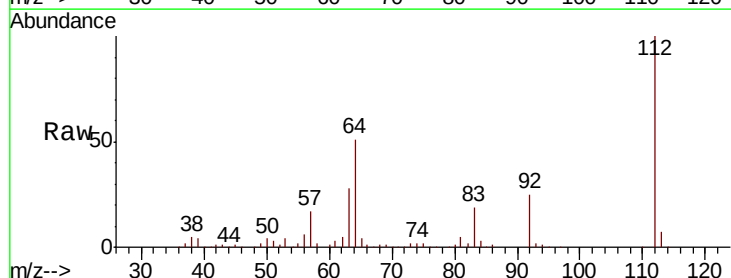
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



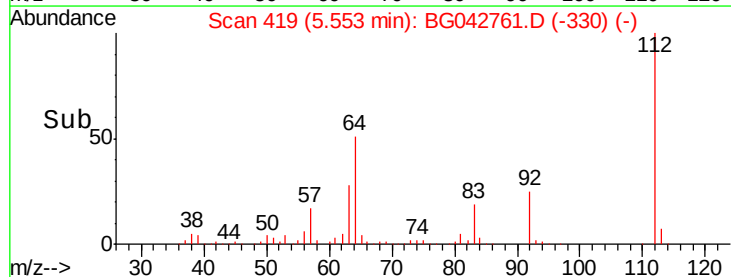
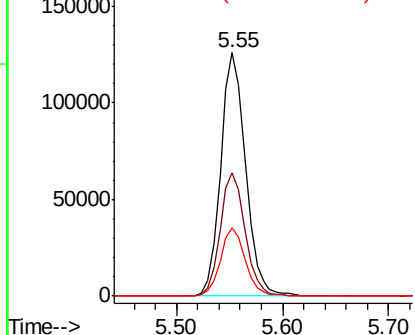
#5

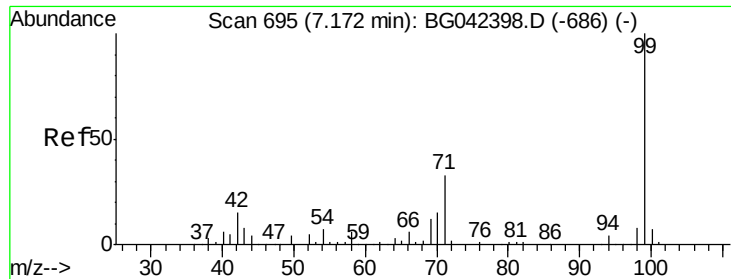
2-Fluorophenol
Concen: 119.525 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.01 min
Lab File: BG042761.D
Acq: 6 Sep 2019 23:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.8	42.8	64.2
63	28.2	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: 122.223 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042761.D

Acq: 6 Sep 2019 23:42

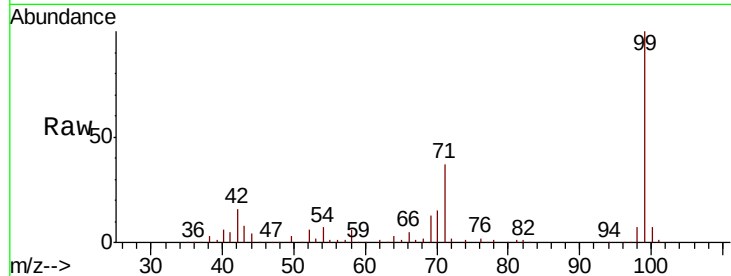
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 286010

Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.0	18.0
71	37.1	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

7.16

150000

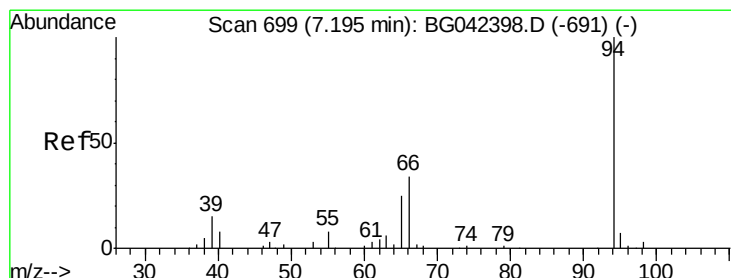
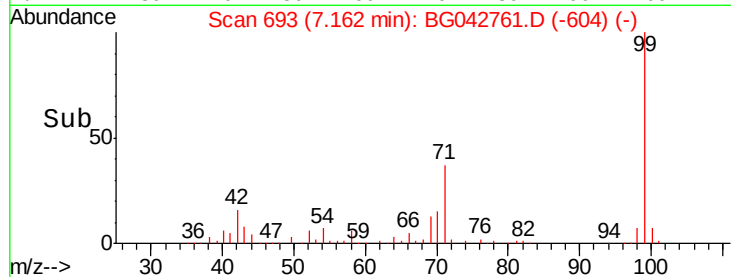
100000

50000

0

Time-->

7.10 7.20 7.30



#10

Phenol

Concen: 2.694 ng

RT: 7.19 min Scan# 697

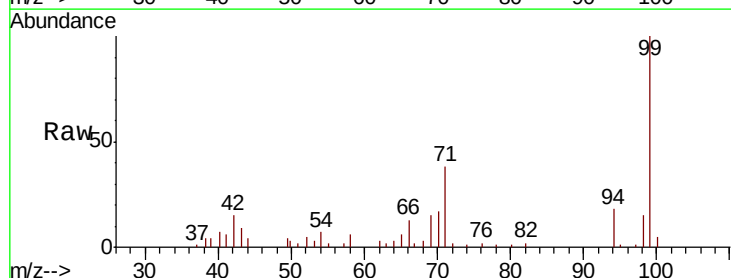
Delta R.T. -0.01 min

Lab File: BG042761.D

Acq: 6 Sep 2019 23:42

Tgt Ion: 94 Resp: 6410

Ion	Ratio	Lower	Upper
94	100		
65	33.0	5.6	45.6
66	71.3	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

10000

8000

6000

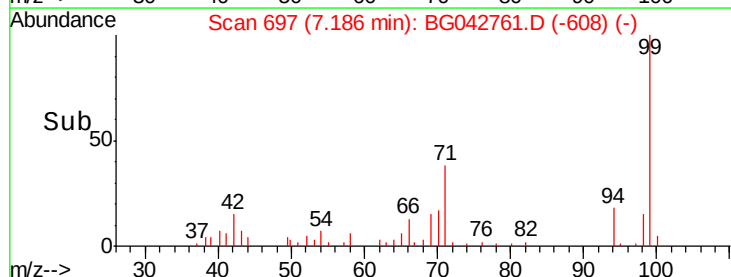
4000

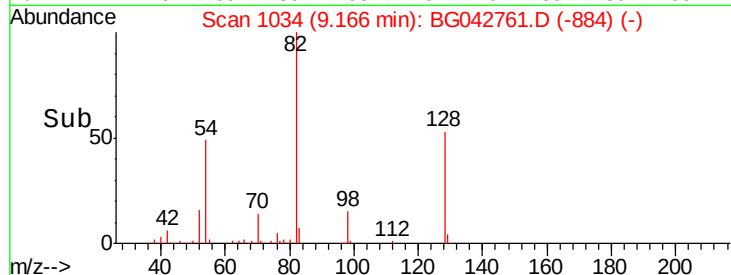
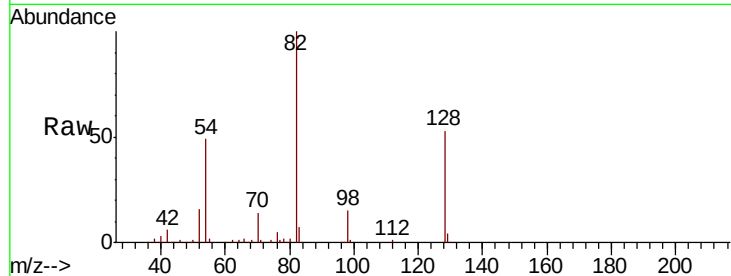
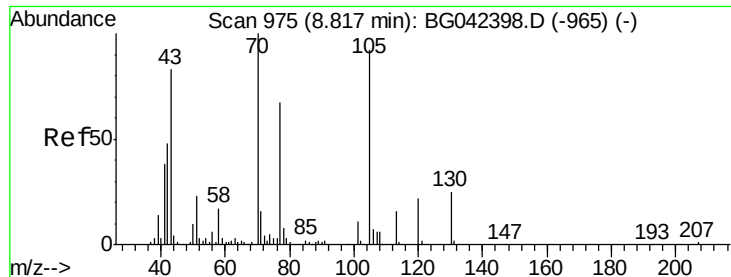
2000

0

Time-->

7.15 7.20 7.25

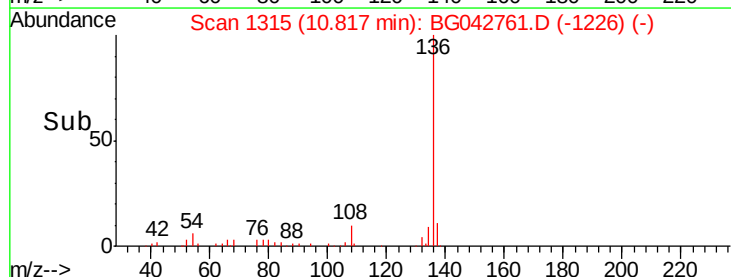
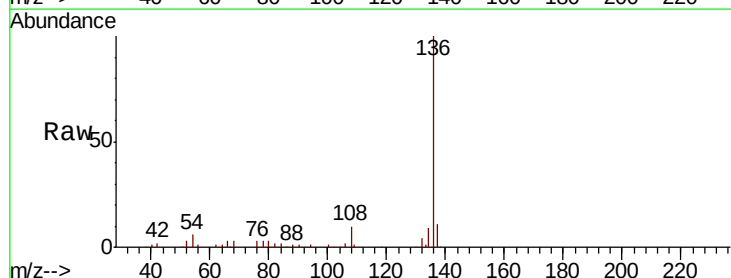
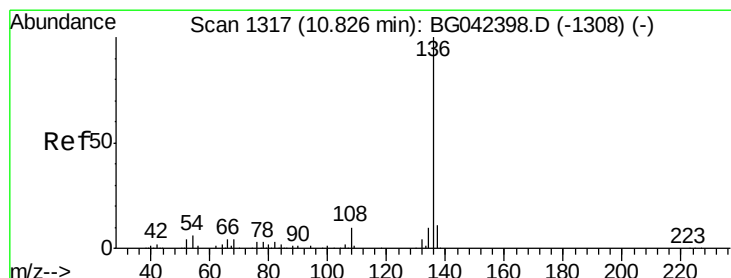
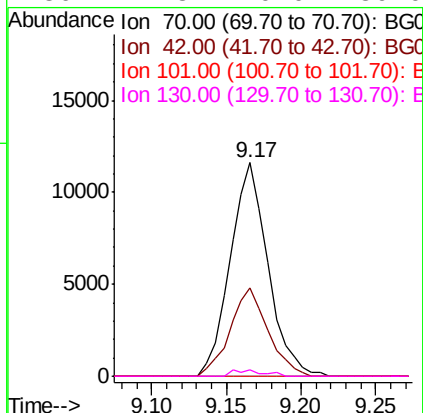




#19
n-Nitroso-di-n-propylamine
Concen: 13.462 ng
RT: 9.17 min Scan# 1034
Delta R.T. 0.35 min
Lab File: BG042761.D
Acq: 6 Sep 2019 23:42

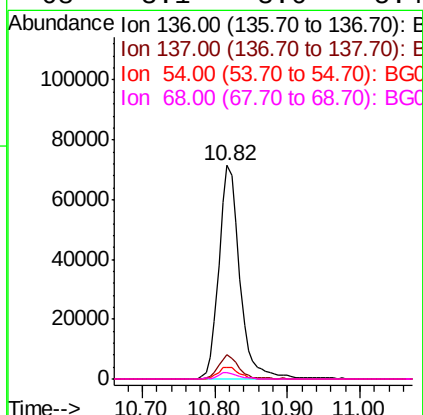
Instrument :
BNA_G
ClientSampleId :

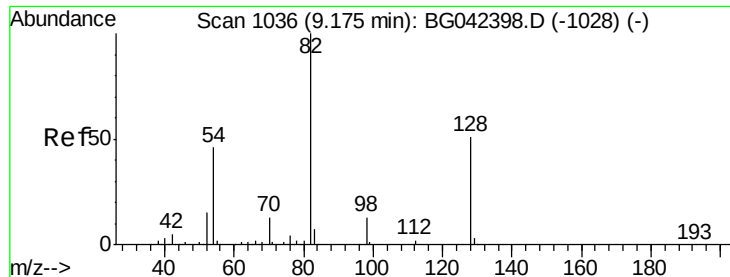
Tot Ion: 70 Resp: 20409
Ion Ratio Lower Upper
70 100
42 41.4 38.8 58.2
101 0.0 9.0 13.6#
130 2.8 20.0 30.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG042761.D
Acq: 6 Sep 2019 23:42

Tgt Ion:136 Resp: 143914
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 5.7 4.9 7.3
68 3.1 3.6 5.4#

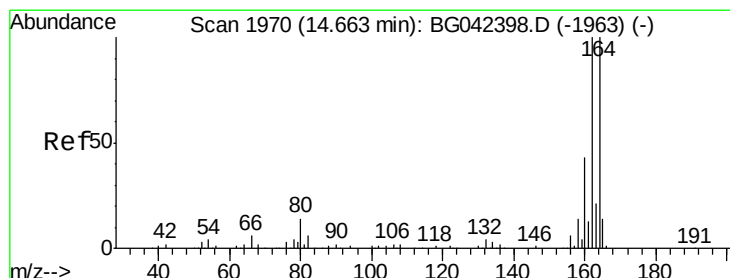
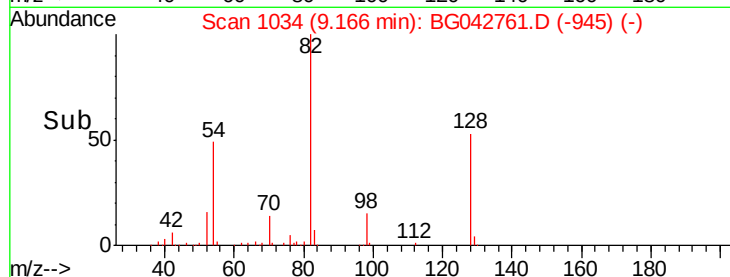
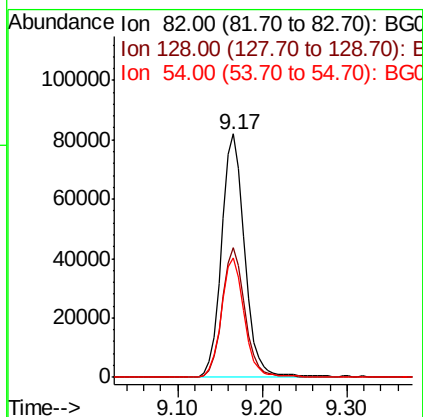
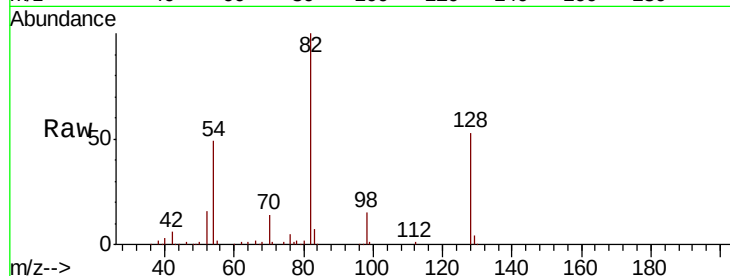




#23
Nitrobenzene-d5
Concen: 74.650 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042761.D
Acq: 6 Sep 2019 23:42

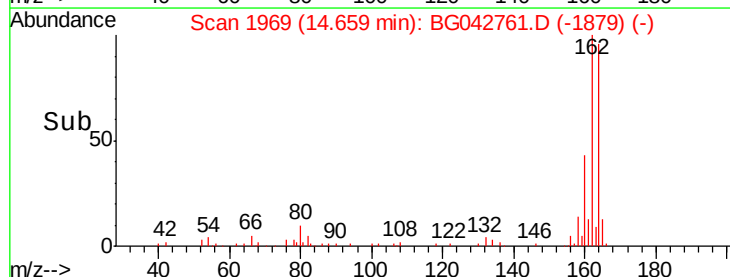
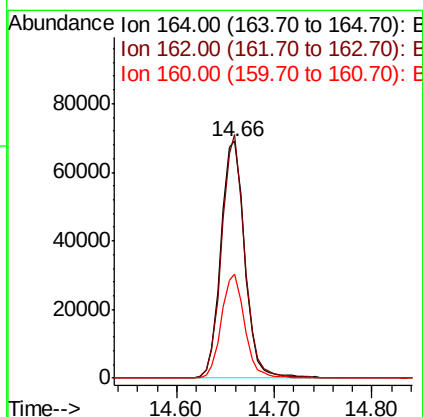
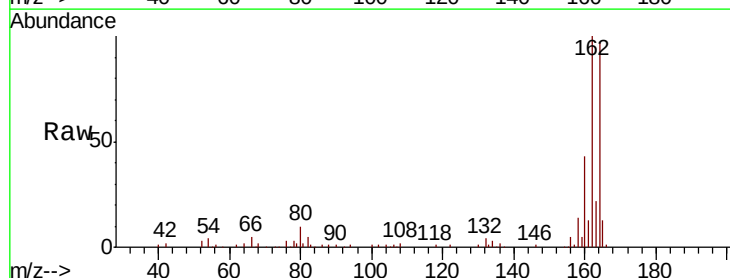
Instrument :
BNA_G
ClientSampled :

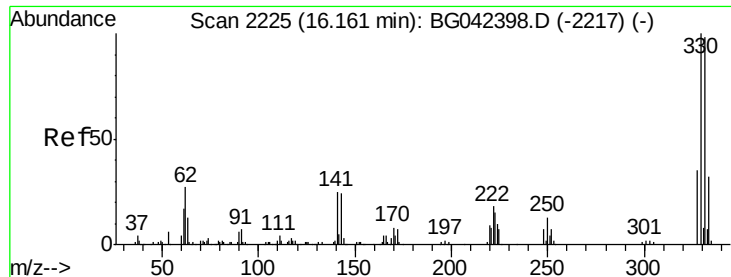
Tot Ion: 82 Resp: 155465
Ion Ratio Lower Upper
82 100
128 53.1 40.7 61.1
54 48.8 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG042761.D
Acq: 6 Sep 2019 23:42

Tgt Ion:164 Resp: 117184
Ion Ratio Lower Upper
164 100
162 102.9 79.9 119.9
160 43.9 34.3 51.5





#42

2,4,6-Tribromophenol

Concen: 125.535 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042761.D

Acq: 6 Sep 2019 23:42

Instrument :

BNA_G

ClientSampleId :

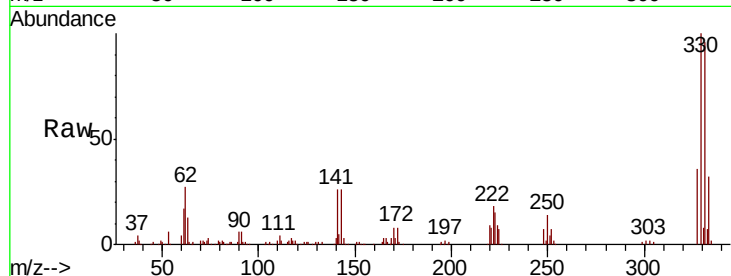
Tot Ion:330 Resp: 209089

Ion Ratio Lower Upper

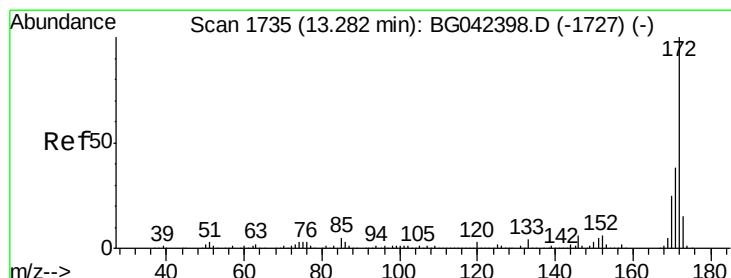
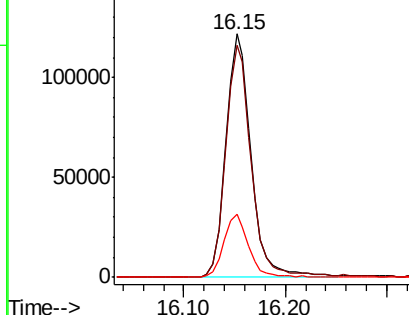
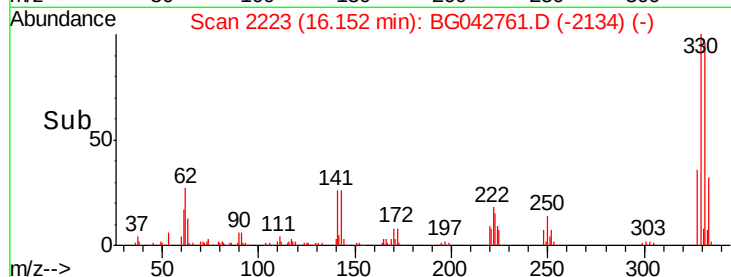
330 100

332 97.1 77.4 116.0

141 25.9 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: 72.384 ng

RT: 13.27 min Scan# 1733

Delta R.T. -0.01 min

Lab File: BG042761.D

Acq: 6 Sep 2019 23:42

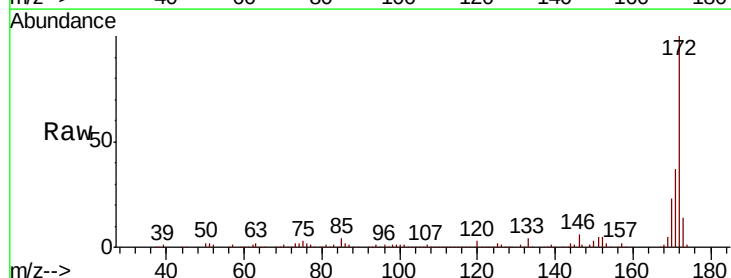
Tgt Ion:172 Resp: 501526

Ion Ratio Lower Upper

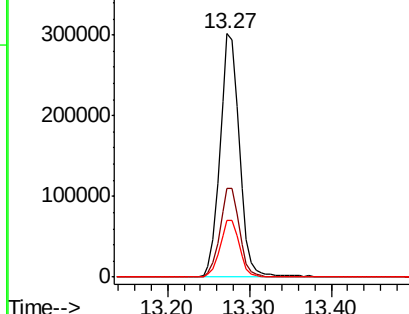
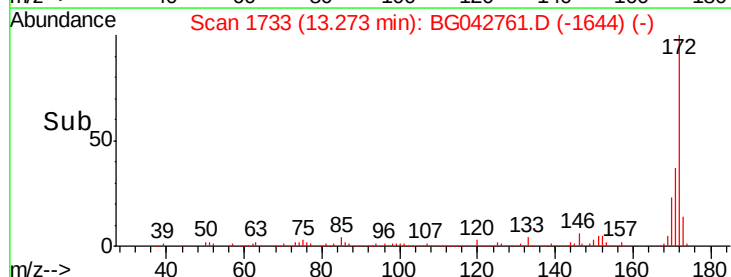
172 100

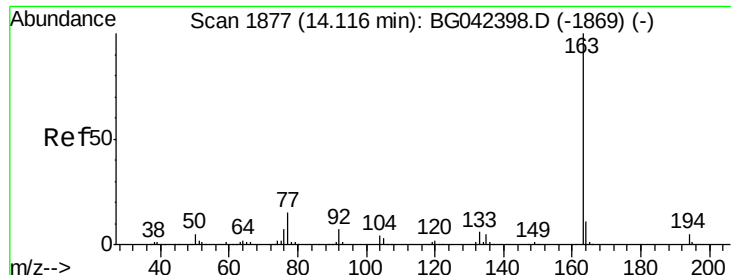
171 36.6 30.5 45.7

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: 9.477 ng

RT: 14.11 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG042761.D

Acq: 6 Sep 2019 23:42

Instrument :

BNA_G

ClientSampled :

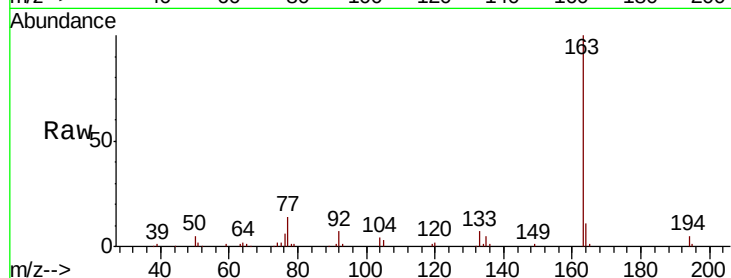
Tot Ion:163 Resp: 80127

Ion Ratio Lower Upper

163 100

194 5.0 4.2 6.2

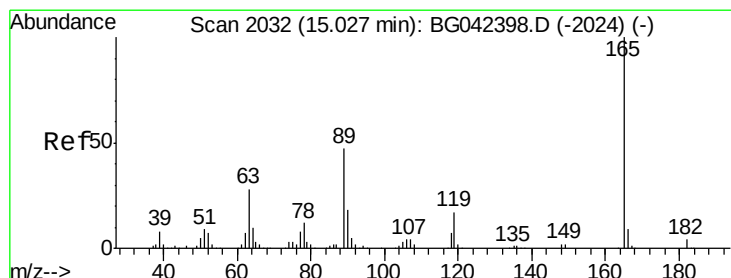
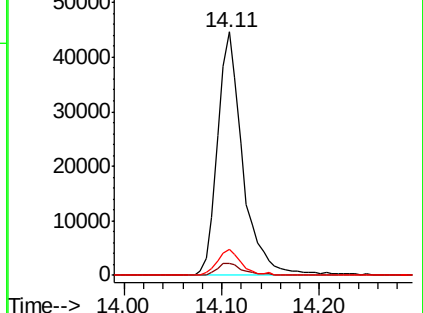
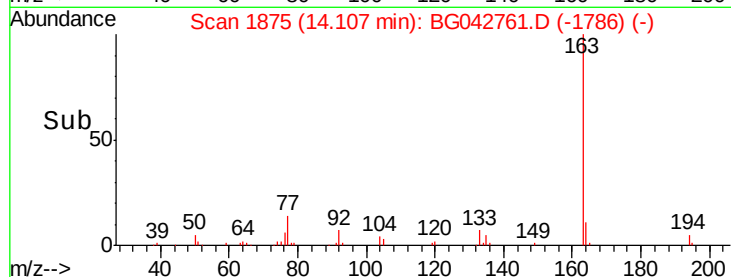
164 10.8 8.8 13.2



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: 5.580 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.37 min

Lab File: BG042761.D

Acq: 6 Sep 2019 23:42

Tgt Ion:165 Resp: 15661

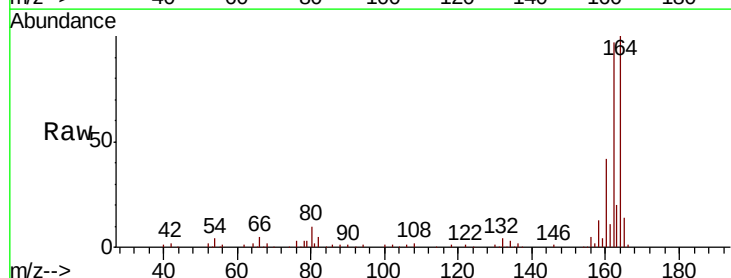
Ion Ratio Lower Upper

165 100

63 0.0 22.5 33.7#

89 0.0 37.8 56.6#

182 0.0 3.0 4.4#

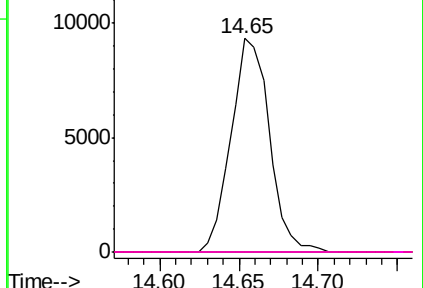
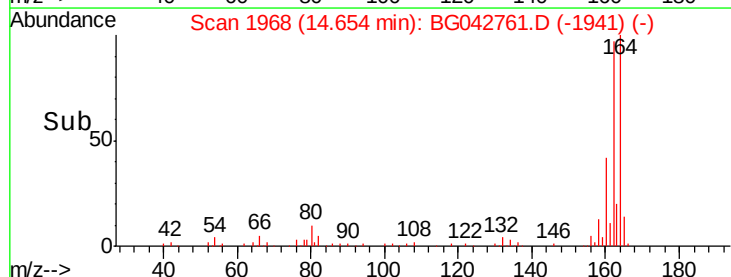


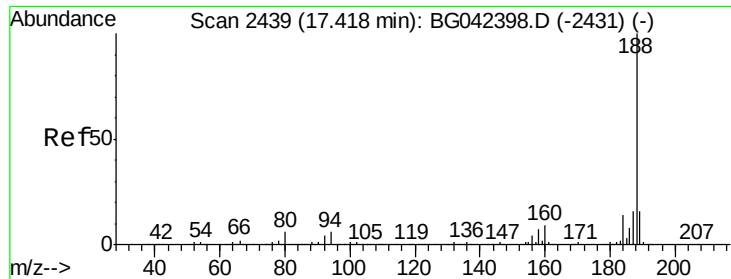
Abundance Ion 165.00 (164.70 to 165.70): E

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: BG042761.D

Acq: 6 Sep 2019 23:42

Instrument :

BNA_G

ClientSampleId :

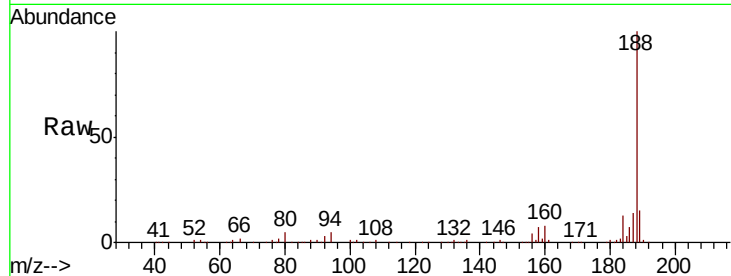
Tot Ion:188 Resp: 280038

Ion Ratio Lower Upper

188 100

94 4.9 4.5 6.7

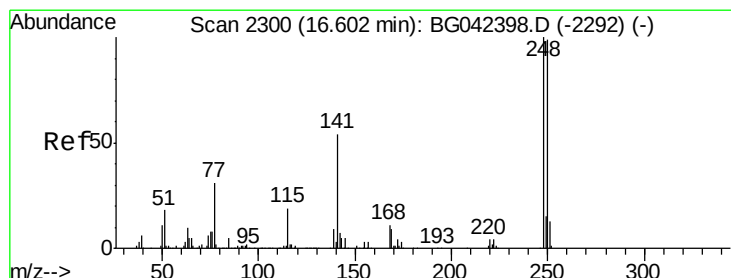
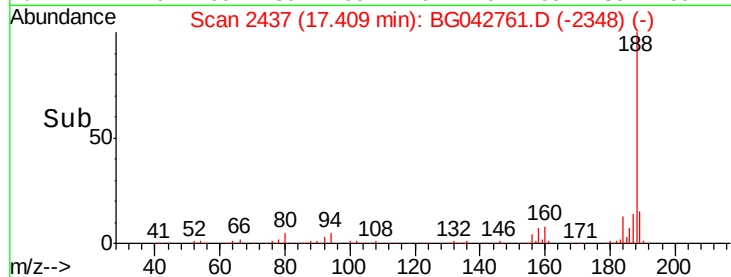
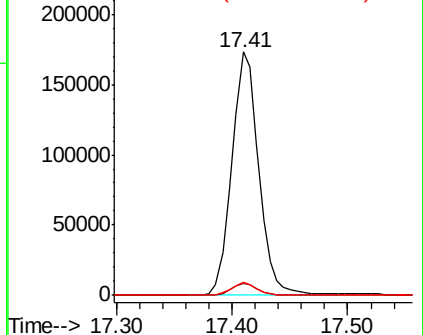
80 5.3 4.9 7.3



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: 4.028 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.45 min

Lab File: BG042761.D

Acq: 6 Sep 2019 23:42

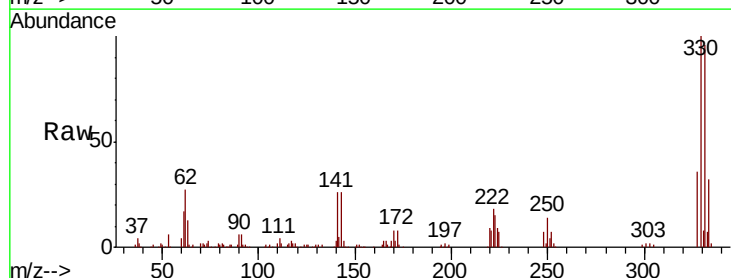
Tgt Ion:248 Resp: 14308

Ion Ratio Lower Upper

248 100

250 186.4 78.9 118.3#

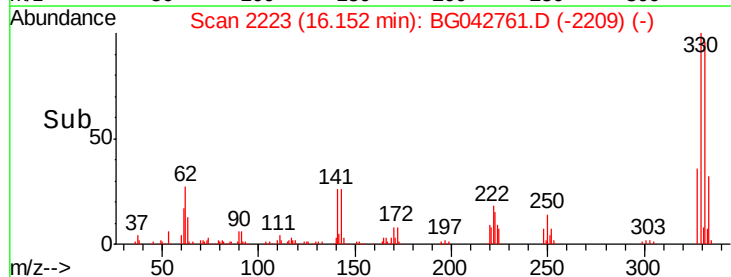
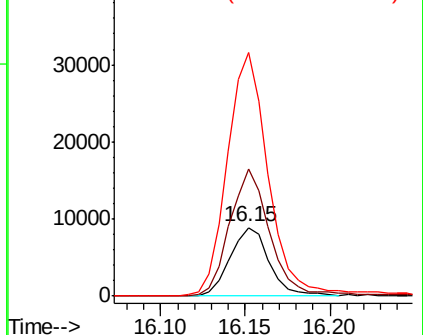
141 356.5 43.3 64.9#

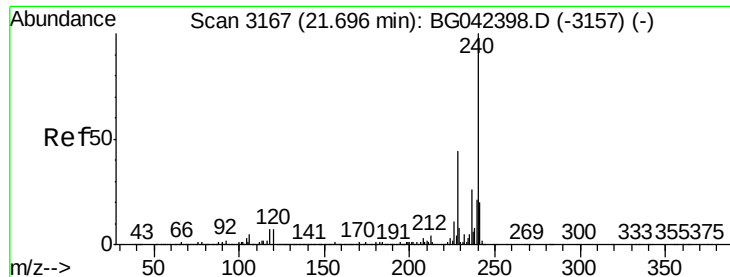


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

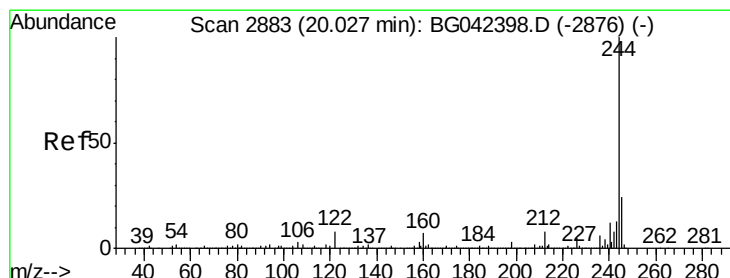
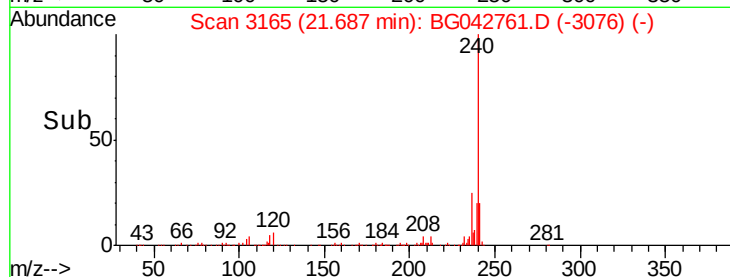
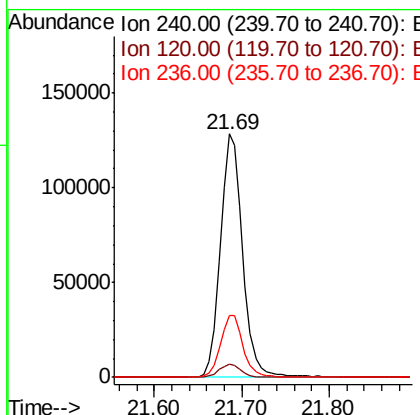
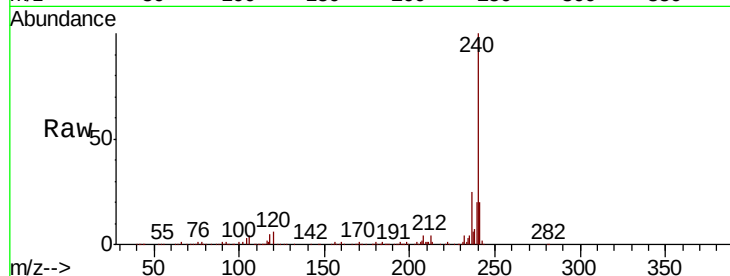




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3165
 Delta R.T. -0.01 min
 Lab File: BG042761.D
 Acq: 6 Sep 2019 23:42

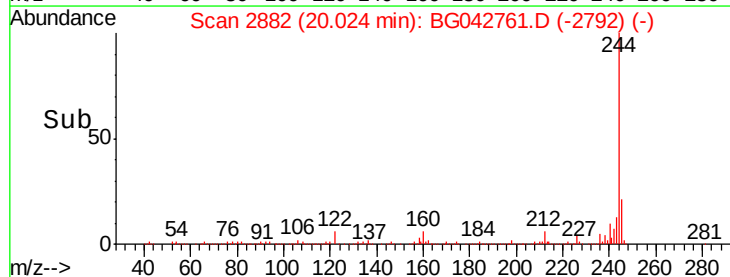
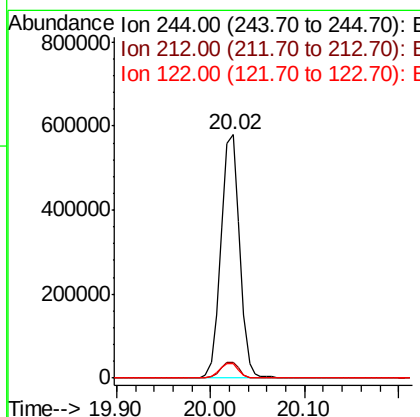
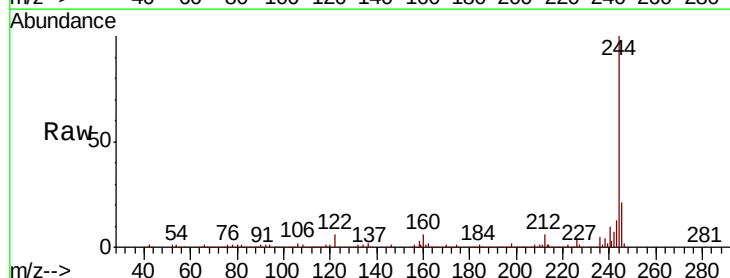
Instrument :
 BNA_G
 ClientSampleId :

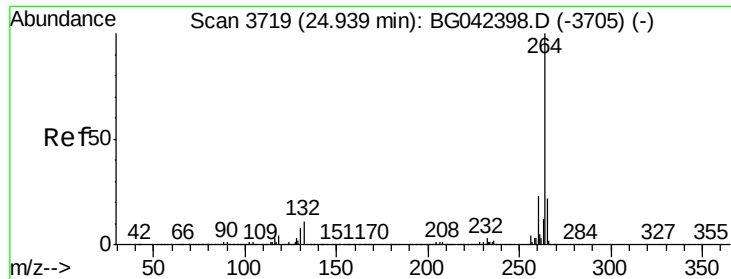
Tot Ion	Ratio	Lower	Upper
240	100		
120	5.6	5.7	8.5#
236	25.5	21.0	31.4



#79
 Terphenyl-d14
 Concen: 77.183 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. -0.00 min
 Lab File: BG042761.D
 Acq: 6 Sep 2019 23:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.0	9.0
122	5.9	6.7	10.1#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.94 min Scan# 3718
Delta R.T. -0.00 min
Lab File: BG042761.D
Acq: 6 Sep 2019 23:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.5	27.7
265	20.6	17.6	26.4

