

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082919\
 Data File : BG042573.D
 Acq On : 29 Aug 2019 20:10
 Operator : HP/JU
 Sample : K4562-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-02-25-27

Quant Time: Aug 30 05:35:15 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

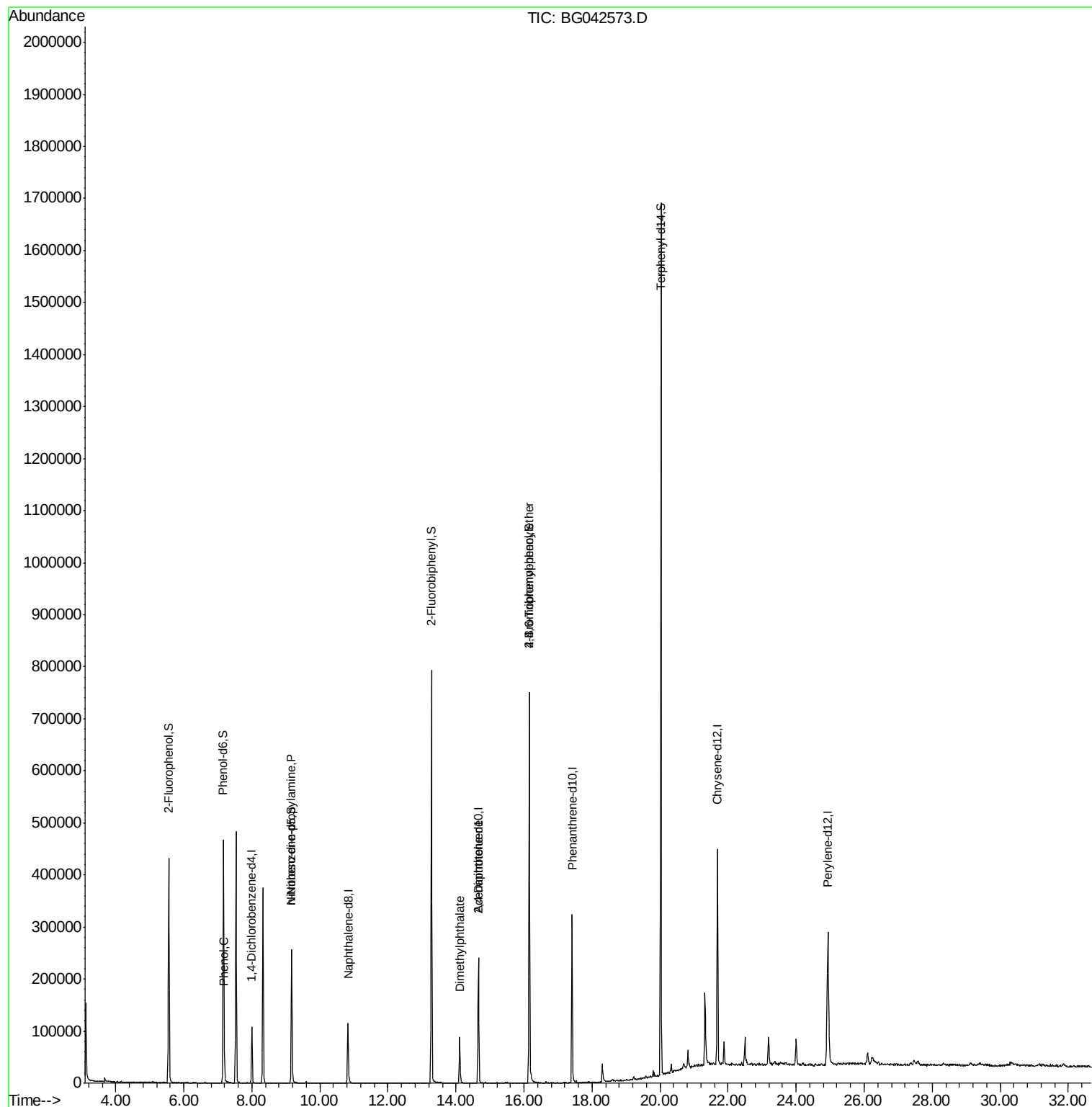
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	35385	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	135540	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	100226	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	237239	20.00	ng	0.00
76) Chrysene-d12	21.69	240	258352	20.00	ng	0.00
87) Perylene-d12	24.93	264	308135	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	226277	129.51	ng	0.00
7) Phenol-d6	7.16	99	305320	129.37	ng	0.00
23) Nitrobenzene-d5	9.17	82	170834	87.10	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	196512	137.95	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	495155	83.56	ng	0.00
79) Terphenyl-d14	20.02	244	914353	76.51	ng	0.00
Target Compounds						
10) Phenol	7.19	94	20204	8.420	ng	91
19) n-Nitroso-di-n-propylamine	9.17	70	22385	14.641	ng	# 77
50) Dimethylphthalate	14.11	163	87977	12.166	ng	99
57) 2,4-Dinitrotoluene	14.66	165	12600	5.249	ng	# 38
67) 4-Bromophenyl-phenylether	16.15	248	13558	4.505	ng	# 1

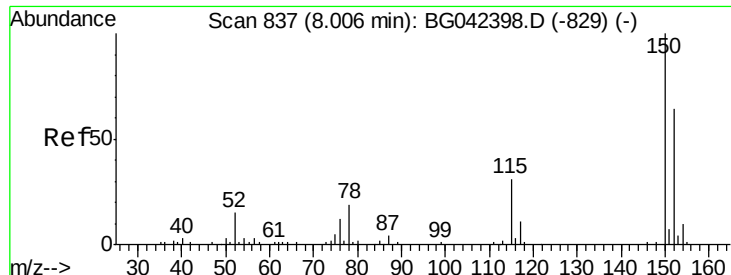
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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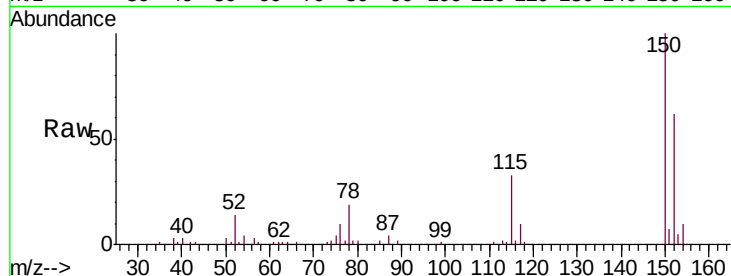


#1

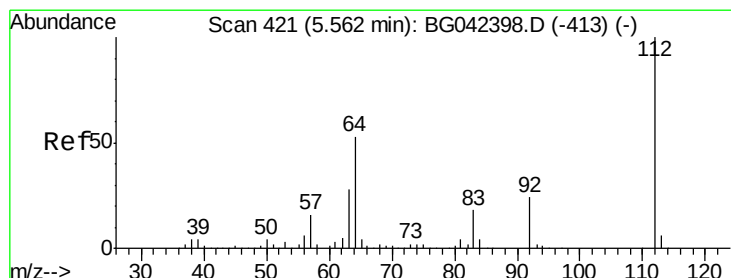
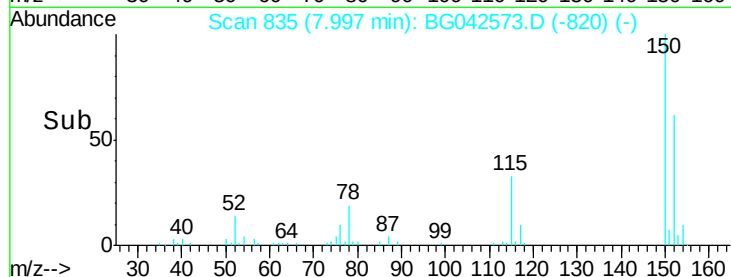
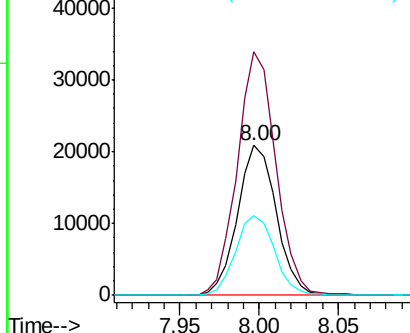
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042573.D
Acq: 29 Aug 2019 20:10

Instrument :
BNA_G
ClientSampleId :
SB-02-25-27

Tgt Ion:152 Resp: 35385
Ion Ratio Lower Upper
152 100
150 162.3 125.4 188.0
115 53.3 38.5 57.7



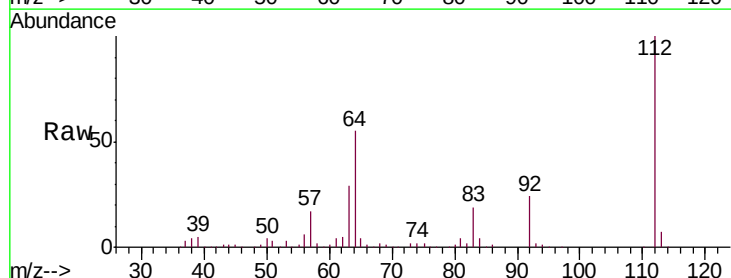
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



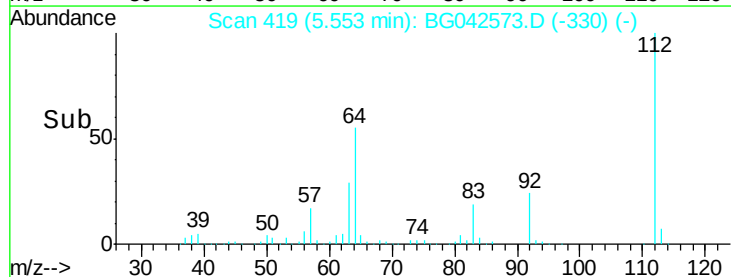
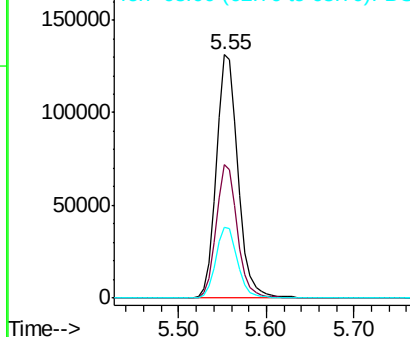
#5

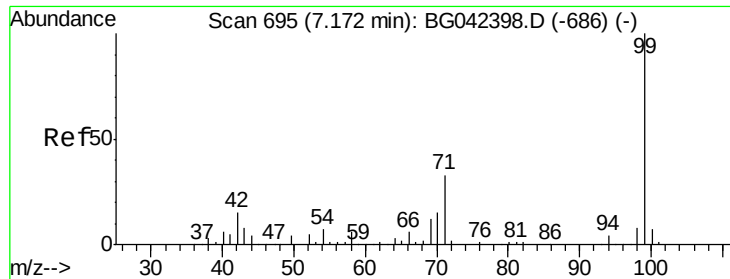
2-Fluorophenol
Concen: 129.512 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.01 min
Lab File: BG042573.D
Acq: 29 Aug 2019 20:10

Tgt Ion:112 Resp: 226277
Ion Ratio Lower Upper
112 100
64 54.8 42.8 64.2
63 28.8 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: 129.372 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042573.D

Acq: 29 Aug 2019 20:10

Instrument :

BNA_G

ClientSampleId :

SB-02-25-27

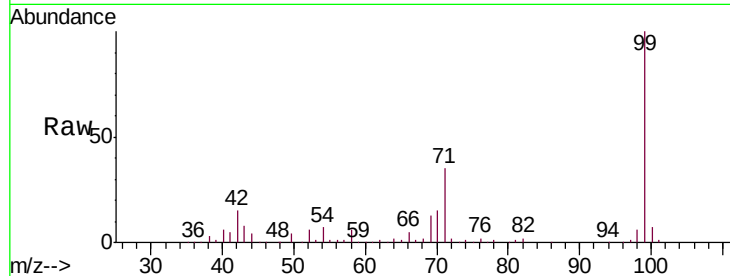
Tgt Ion: 99 Resp: 305320

Ion Ratio Lower Upper

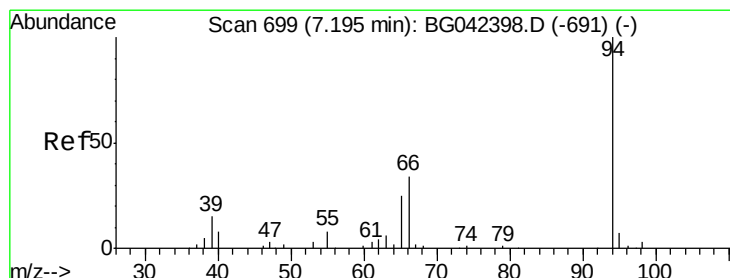
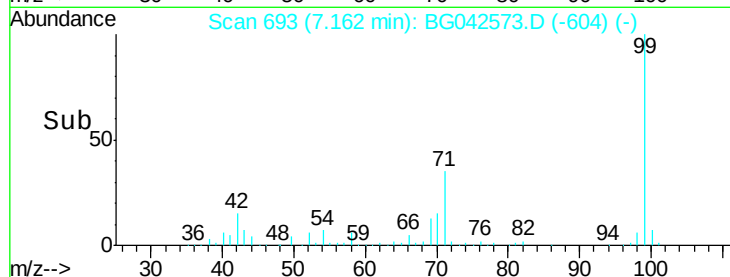
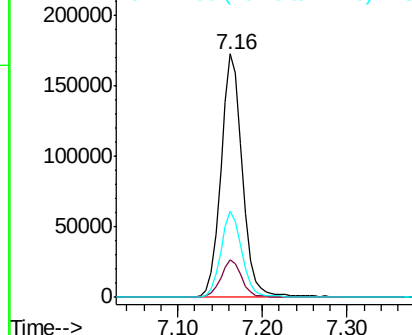
99 100

42 15.3 12.0 18.0

71 35.2 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: 8.420 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG042573.D

Acq: 29 Aug 2019 20:10

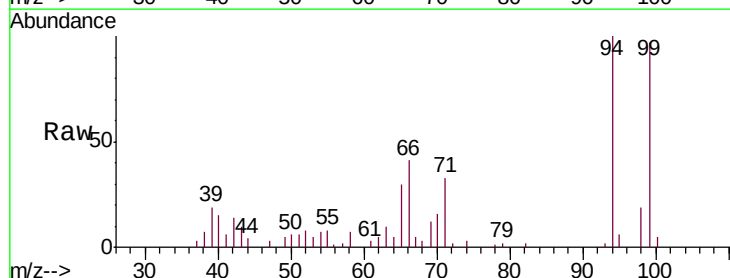
Tgt Ion: 94 Resp: 20204

Ion Ratio Lower Upper

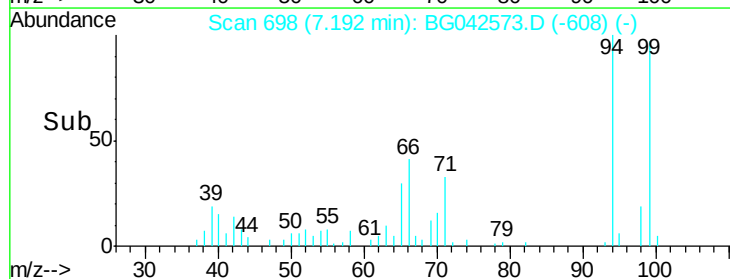
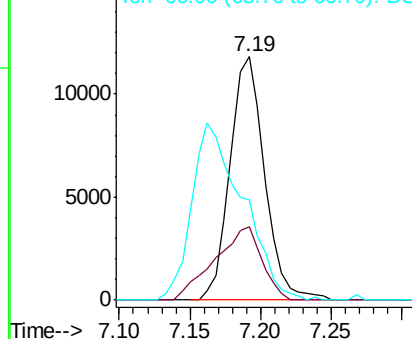
94 100

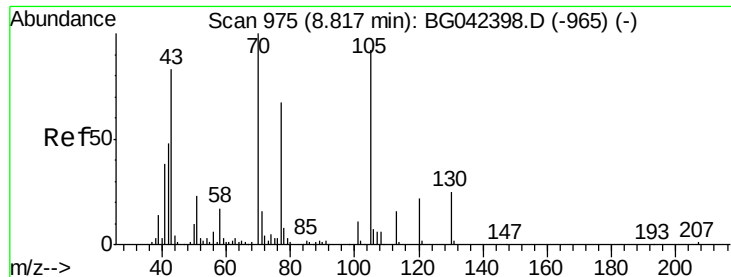
65 30.0 5.6 45.6

66 41.2 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

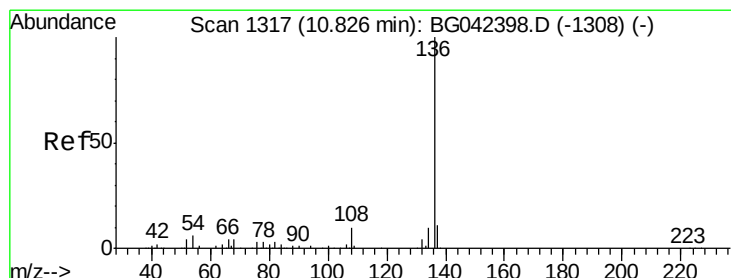
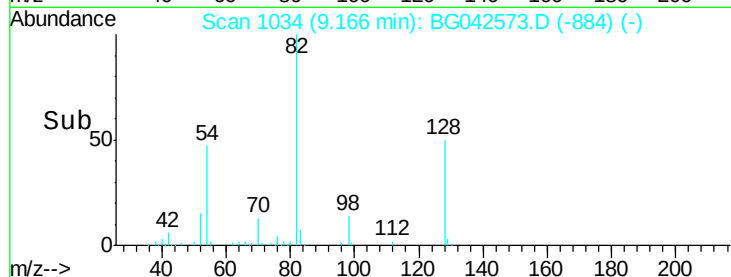
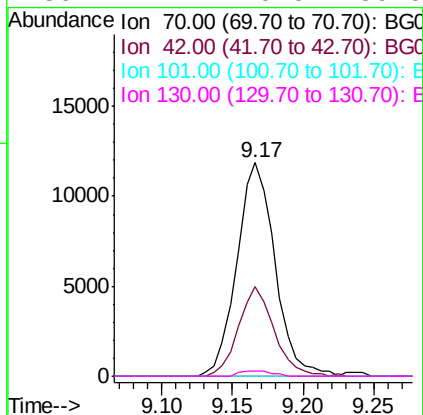
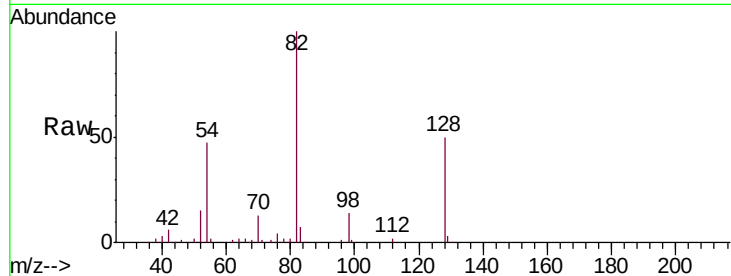




#19
n-Nitroso-di-n-propylamine
Concen: 14.641 ng
RT: 9.17 min Scan# 1034
Delta R.T. 0.35 min
Lab File: BG042573.D
Acq: 29 Aug 2019 20:10

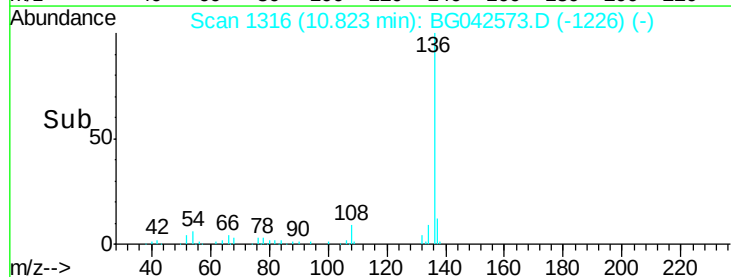
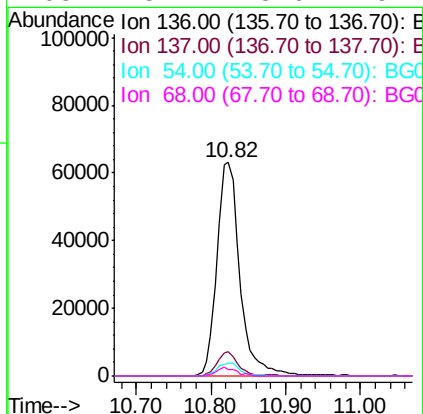
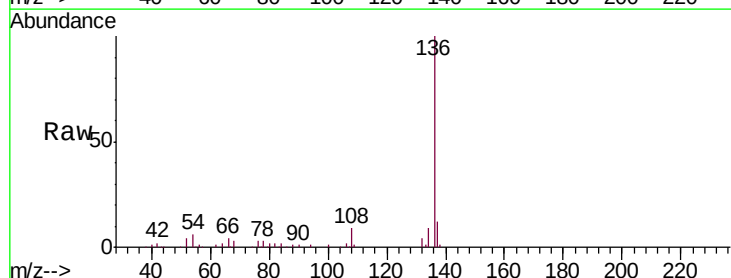
Instrument :
BNA_G
ClientSampleId :
SB-02-25-27

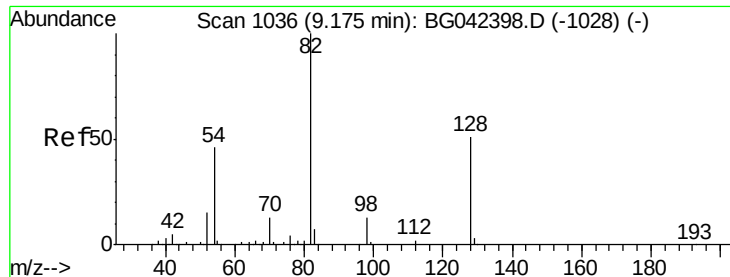
Tgt Ion: 70 Resp: 22385
Ion Ratio Lower Upper
70 100
42 41.7 38.8 58.2
101 0.0 9.0 13.6#
130 2.7 20.0 30.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG042573.D
Acq: 29 Aug 2019 20:10

Tgt Ion: 136 Resp: 135540
Ion Ratio Lower Upper
136 100
137 11.6 8.7 13.1
54 5.9 4.9 7.3
68 3.2 3.6 5.4#

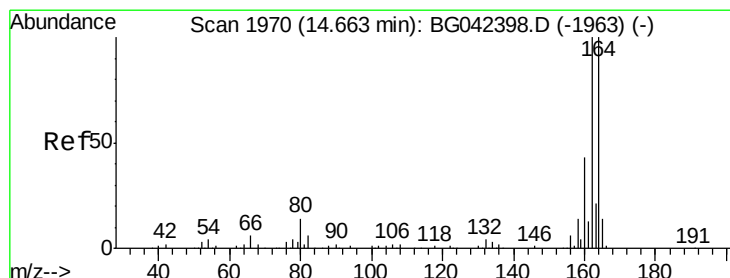
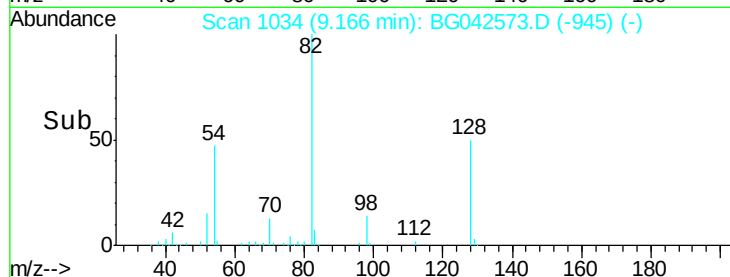
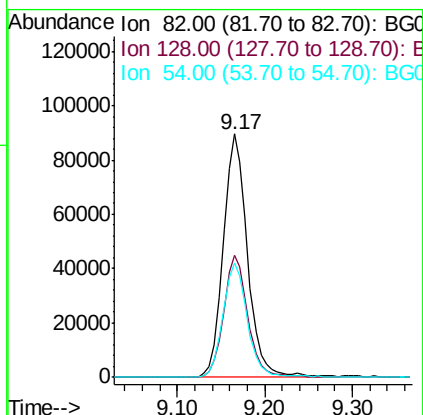
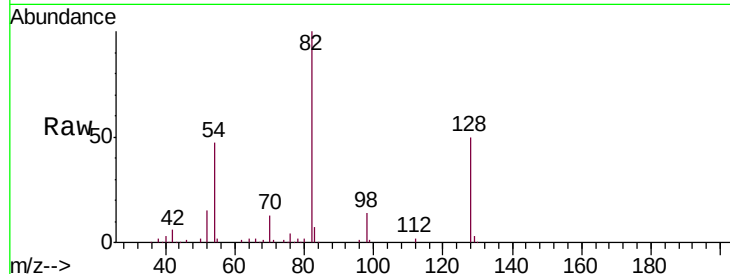




#23
Nitrobenzene-d5
Concen: 87.098 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042573.D
Acq: 29 Aug 2019 20:10

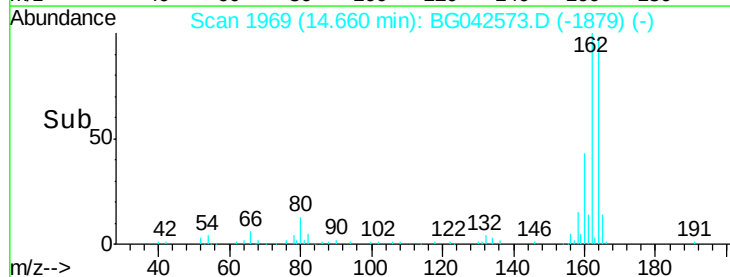
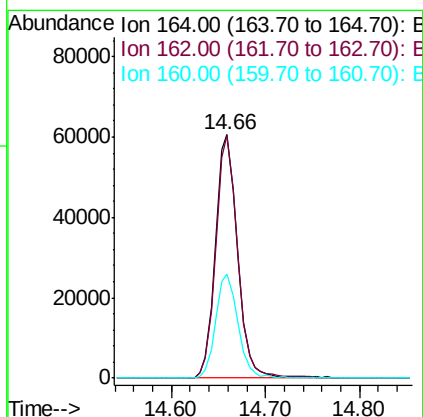
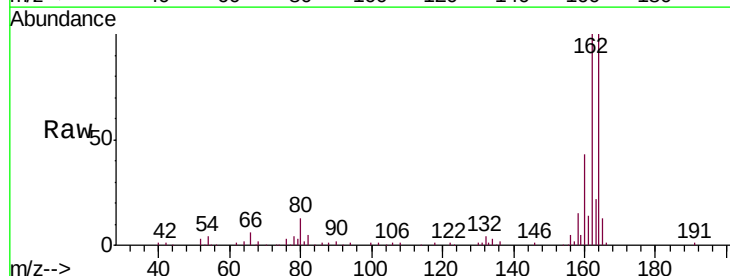
Instrument :
BNA_G
ClientSampleId :
SB-02-25-27

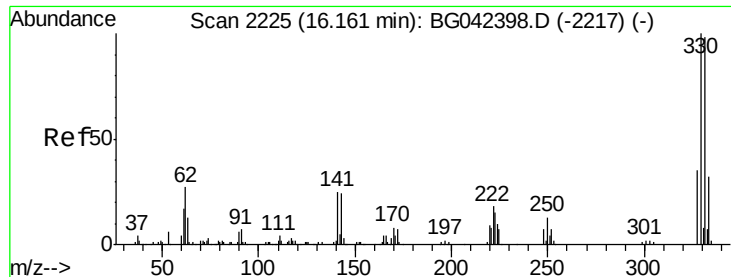
Tgt Ion: 82 Resp: 170834
Ion Ratio Lower Upper
82 100
128 50.3 40.7 61.1
54 46.9 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG042573.D
Acq: 29 Aug 2019 20:10

Tgt Ion: 164 Resp: 100226
Ion Ratio Lower Upper
164 100
162 99.8 79.9 119.9
160 42.7 34.3 51.5





#42

2,4,6-Tribromophenol

Concen: 137.947 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042573.D

Acq: 29 Aug 2019 20:10

Instrument :

BNA_G

ClientSampleId :

SB-02-25-27

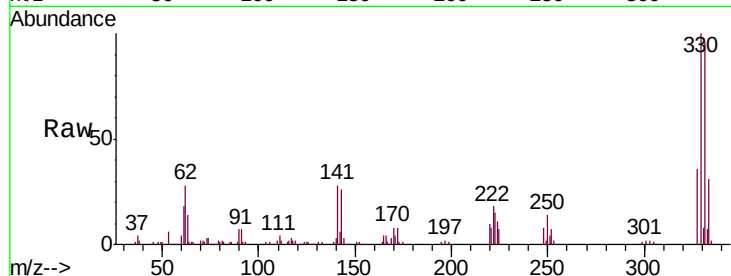
Tgt Ion:330 Resp: 196512

Ion Ratio Lower Upper

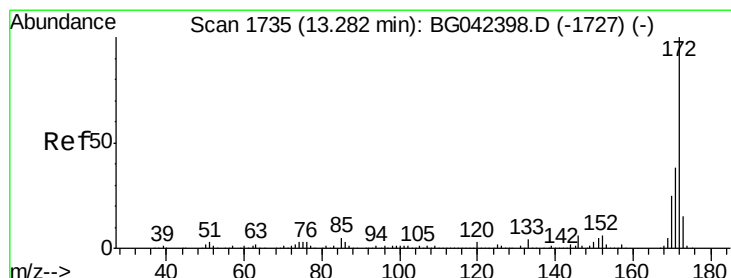
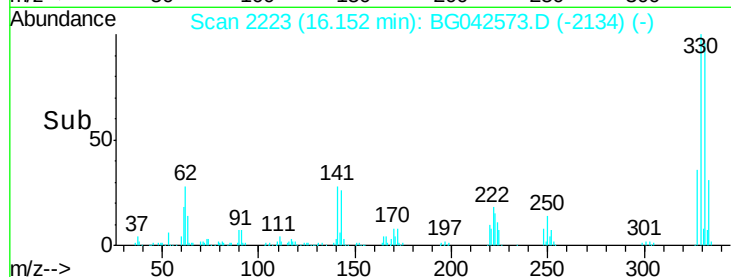
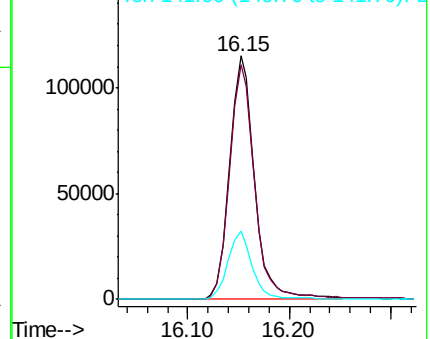
330 100

332 97.9 77.4 116.0

141 27.7 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: 83.556 ng

RT: 13.28 min Scan# 1734

Delta R.T. -0.00 min

Lab File: BG042573.D

Acq: 29 Aug 2019 20:10

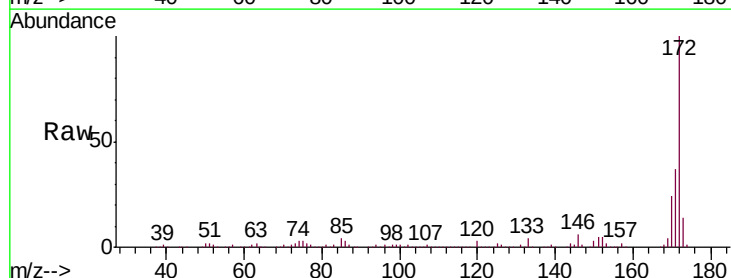
Tgt Ion:172 Resp: 495155

Ion Ratio Lower Upper

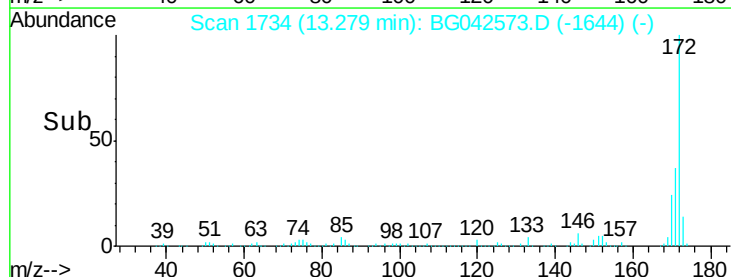
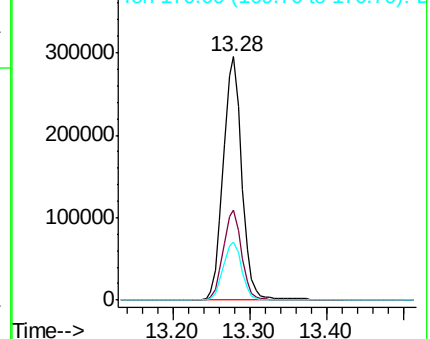
172 100

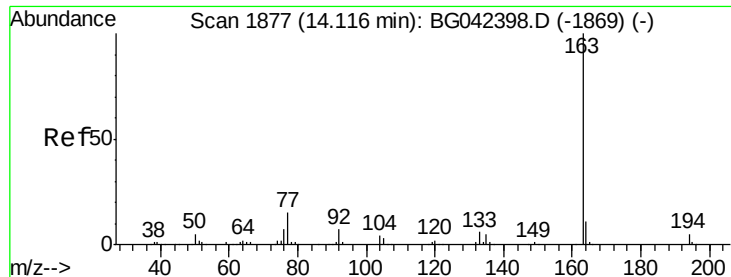
171 37.0 30.5 45.7

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

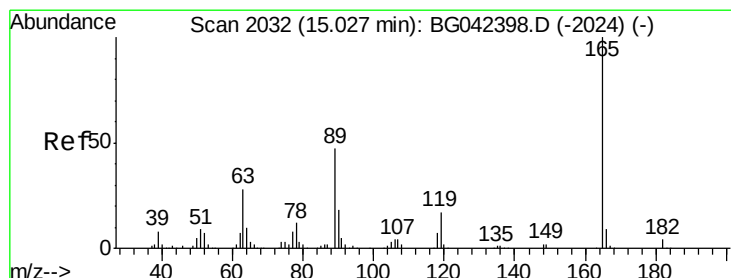
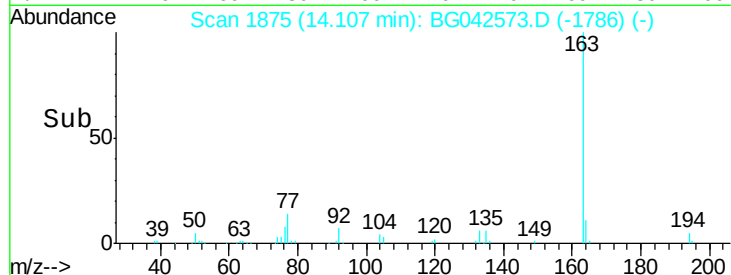
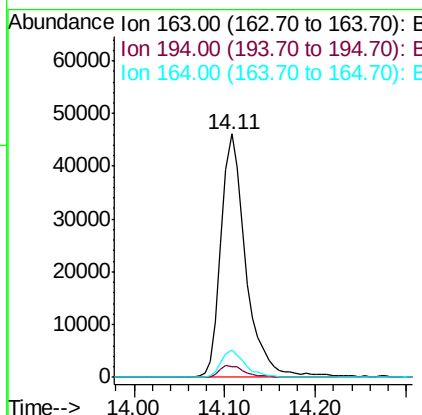
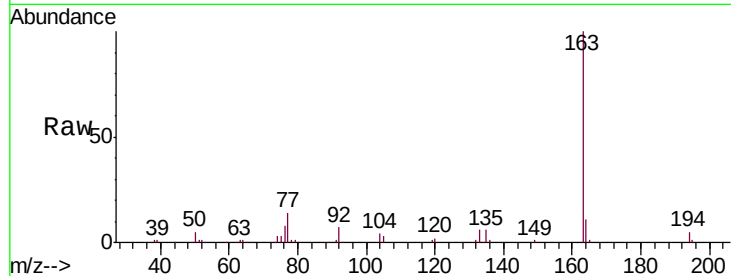




#50
Dimethylphthalate
Concen: 12.166 ng
RT: 14.11 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042573.D
Acq: 29 Aug 2019 20:10

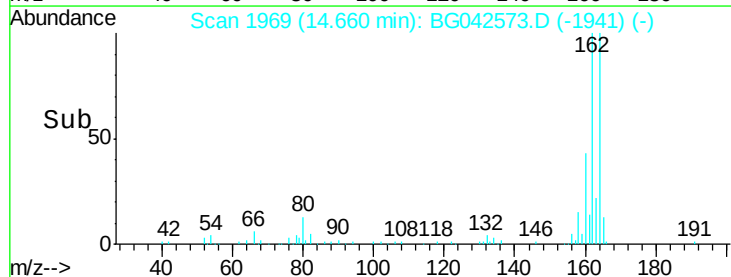
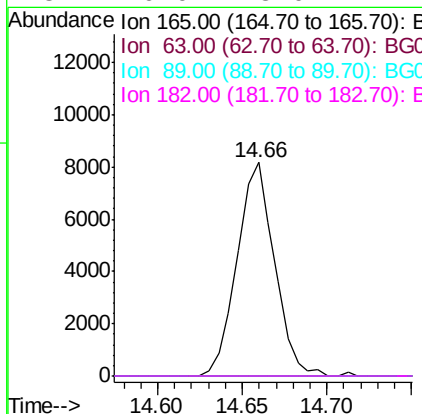
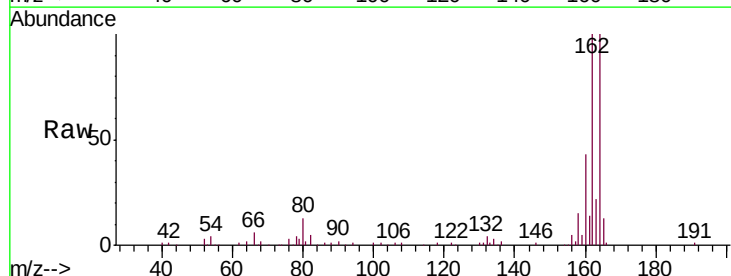
Instrument :
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SB-02-25-27

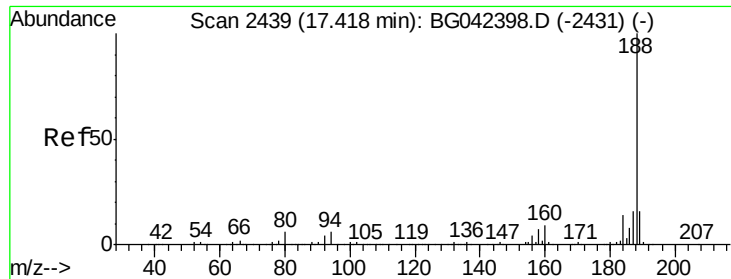
Tgt Ion:163 Resp: 87977
Ion Ratio Lower Upper
163 100
194 4.5 4.2 6.2
164 11.0 8.8 13.2



#57
2,4-Dinitrotoluene
Concen: 5.249 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.37 min
Lab File: BG042573.D
Acq: 29 Aug 2019 20:10

Tgt Ion:165 Resp: 12600
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# 2437

Delta R.T. -0.01 min

Lab File: BG042573.D

Acq: 29 Aug 2019 20:10

Instrument :

BNA_G

ClientSampleId :

SB-02-25-27

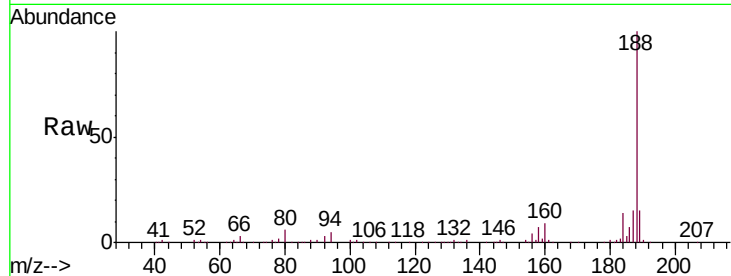
Tgt Ion:188 Resp: 237239

Ion Ratio Lower Upper

188 100

94 5.1 4.5 6.7

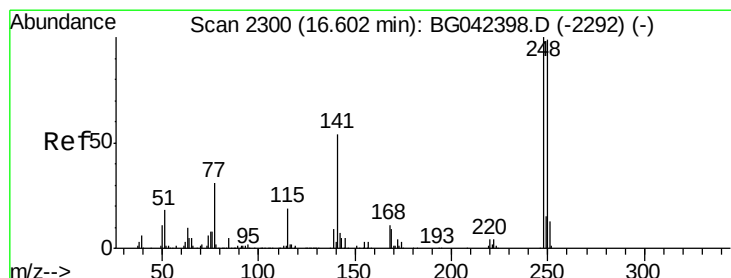
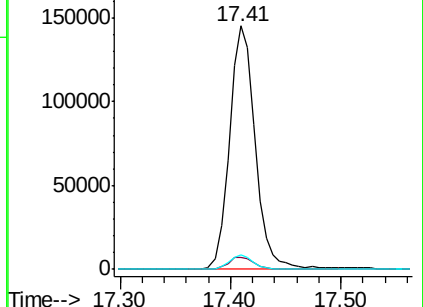
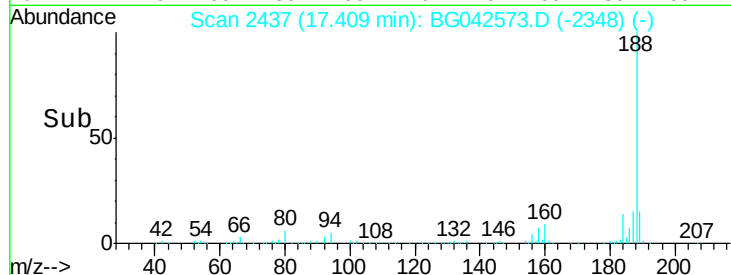
80 5.8 4.9 7.3



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: 4.505 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.45 min

Lab File: BG042573.D

Acq: 29 Aug 2019 20:10

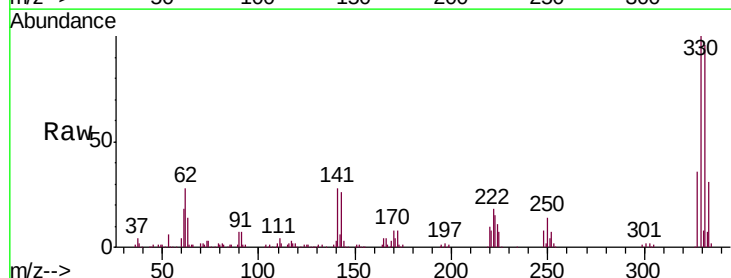
Tgt Ion:248 Resp: 13558

Ion Ratio Lower Upper

248 100

250 176.6 78.9 118.3#

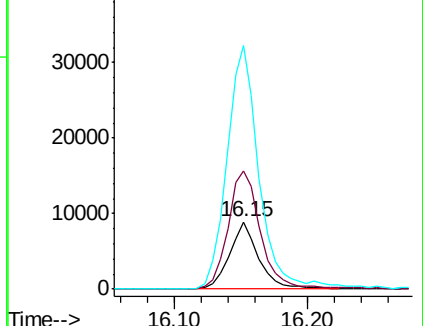
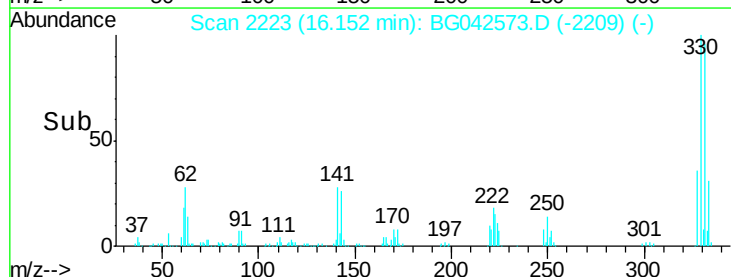
141 363.5 43.3 64.9#

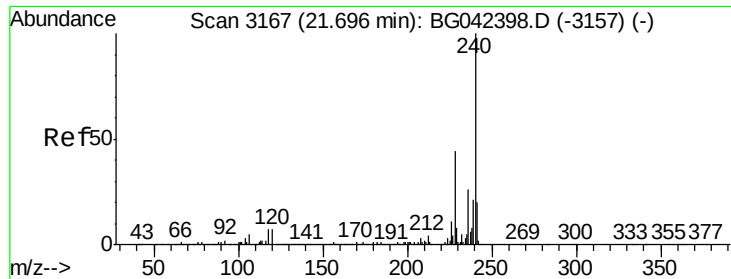


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

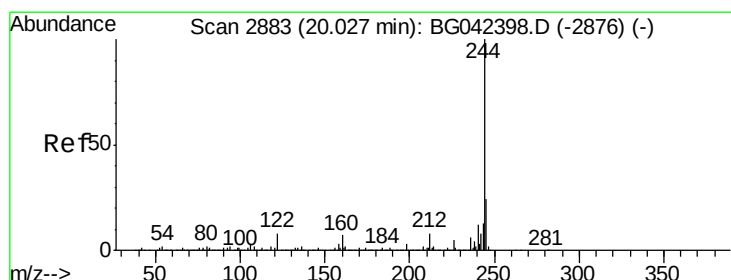
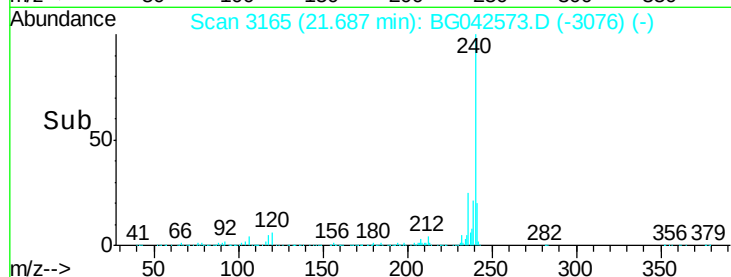
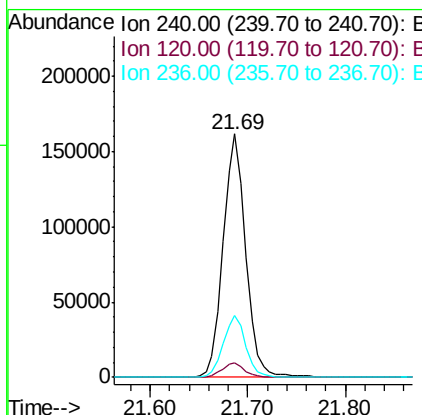
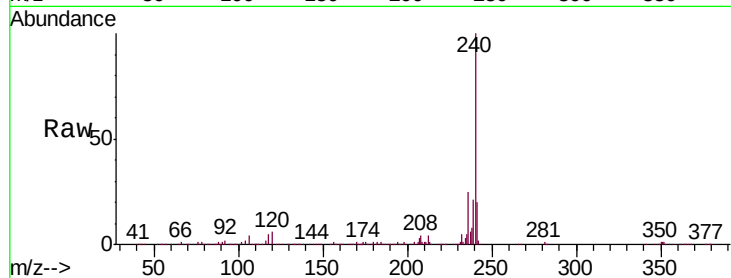




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042573.D
Acq: 29 Aug 2019 20:10

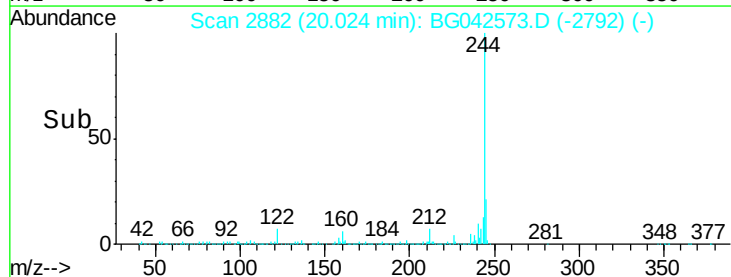
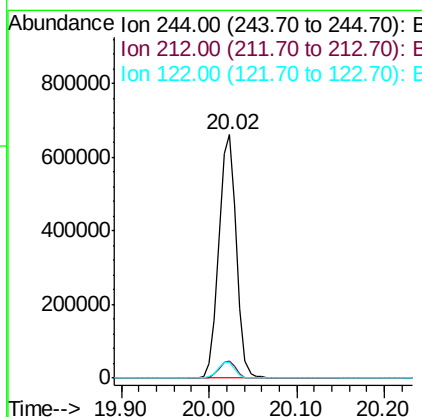
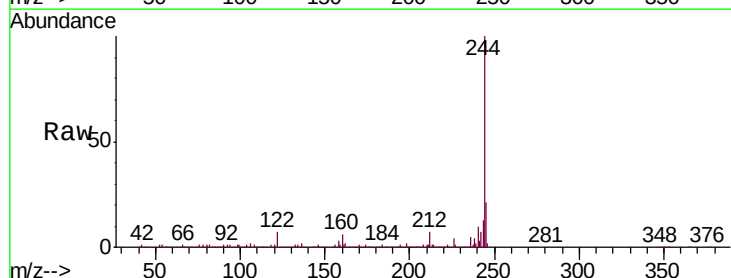
Instrument :
BNA_G
ClientSampleId :
SB-02-25-27

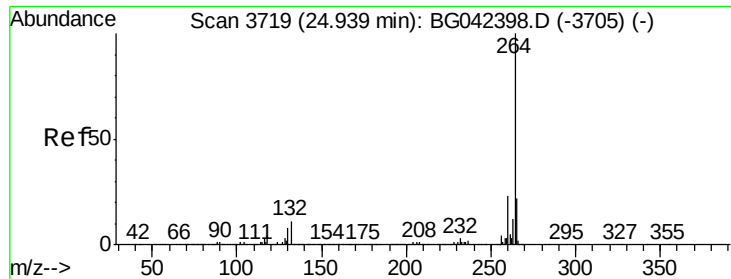
Tgt Ion:240 Resp: 258352
Ion Ratio Lower Upper
240 100
120 5.9 5.7 8.5
236 25.3 21.0 31.4



#79
Terphenyl-d14
Concen: 76.514 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.00 min
Lab File: BG042573.D
Acq: 29 Aug 2019 20:10

Tgt Ion:244 Resp: 914353
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 6.7 6.7 10.1#





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.01 min
Lab File: BG042573.D
Acq: 29 Aug 2019 20:10

Instrument :
BNA_G
ClientSampleId :
SB-02-25-27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.5	27.7
265	22.2	17.6	26.4

