

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083019\
 Data File : BG042605.D
 Acq On : 30 Aug 2019 18:03
 Operator : HP/JU
 Sample : K4409-16
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 30 23:13:27 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

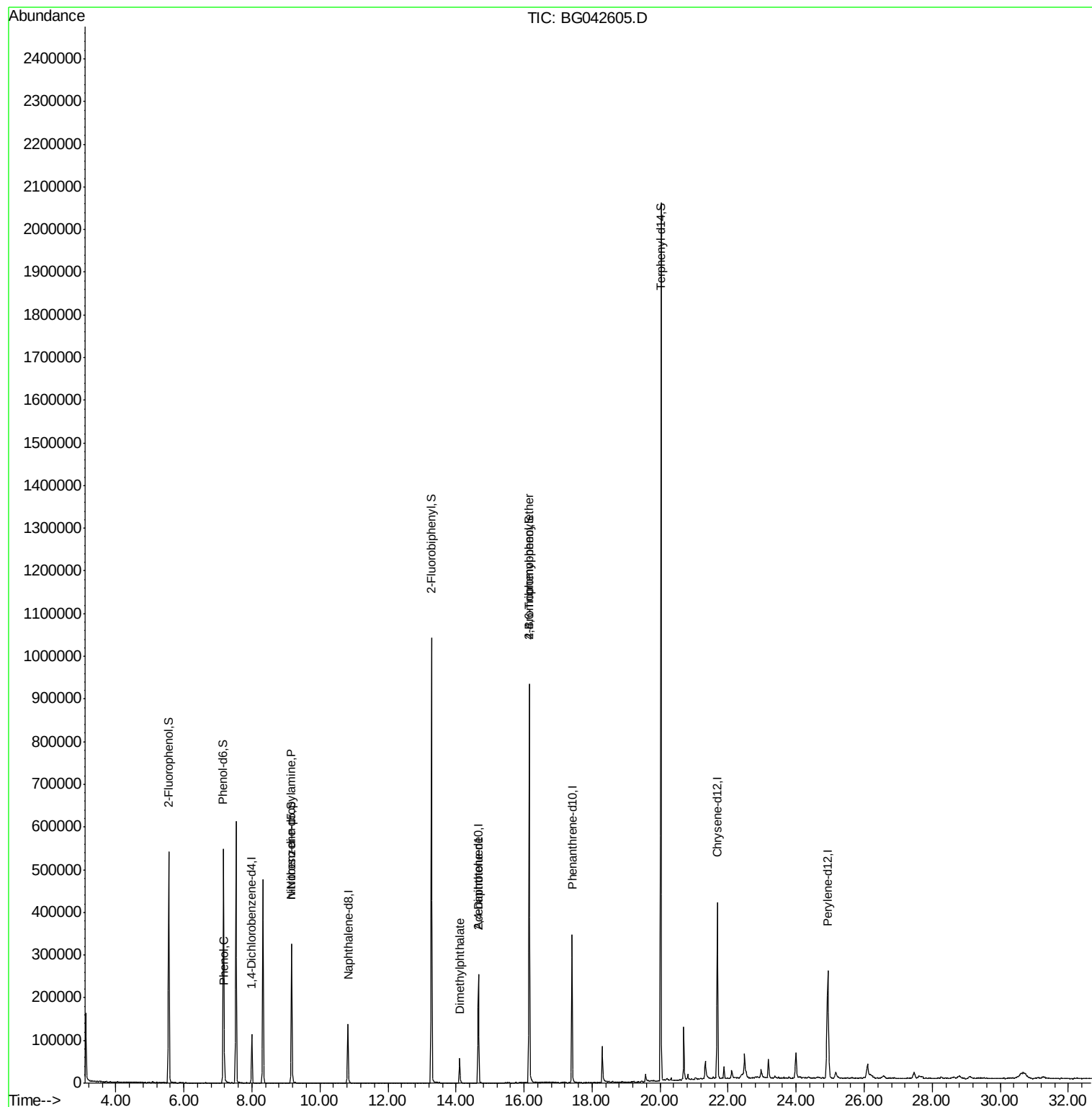
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	37391	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	143024	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	107924	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	248710	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	269354	20.00	ng	-0.02
87) Perylene-d12	24.92	264	311682	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	274849	148.87	ng	0.00
7) Phenol-d6	7.16	99	366379	146.92	ng	0.00
23) Nitrobenzene-d5	9.17	82	207180	100.10	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	239752	156.30	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	647769	101.51	ng	0.00
79) Terphenyl-d14	20.02	244	1117121	89.66	ng	0.00
Target Compounds						
10) Phenol	7.19	94	20821	8.212	ng	88
19) n-Nitroso-di-n-propylamine	9.17	70	27584	17.073	ng	# 75
50) Dimethylphthalate	14.11	163	56236	7.222	ng	98
57) 2,4-Dinitrotoluene	14.65	165	14064	5.441	ng	# 38
67) 4-Bromophenyl-phenylether	16.15	248	16167	5.125	ng	# 1

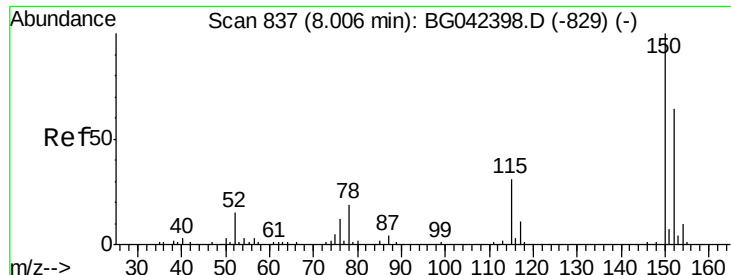
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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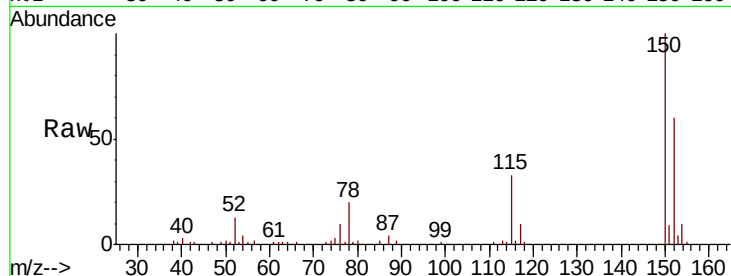


#1

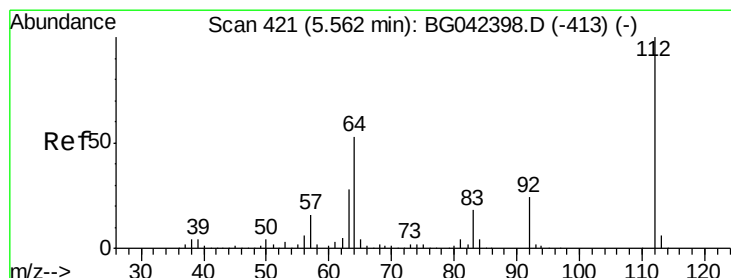
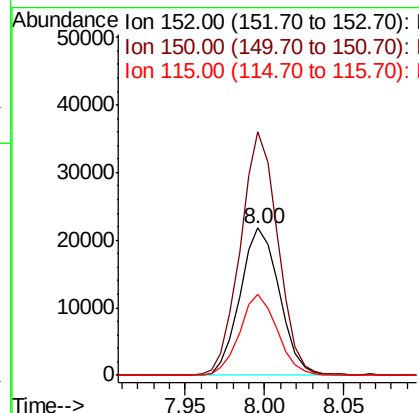
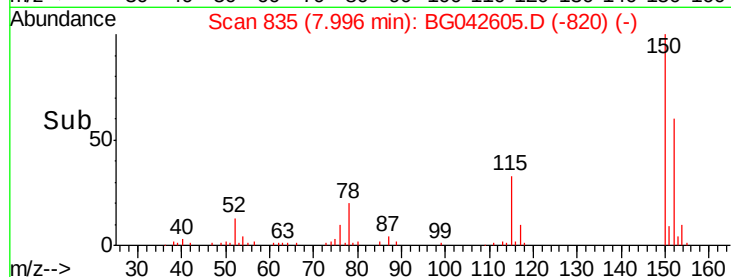
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042605.D
Acq: 30 Aug 2019 18:03

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 37391
Ion Ratio Lower Upper
152 100
150 165.3 125.4 188.0
115 55.2 38.5 57.7



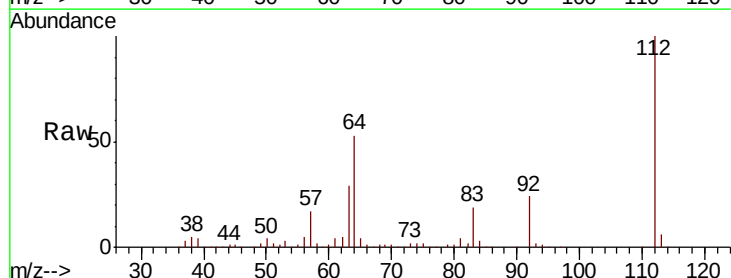
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



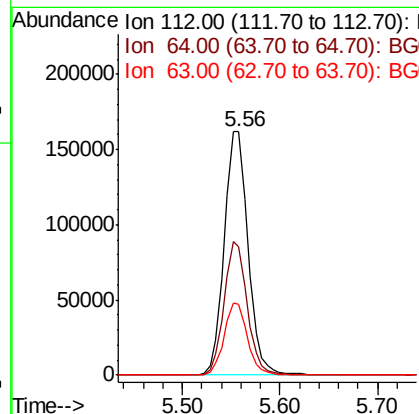
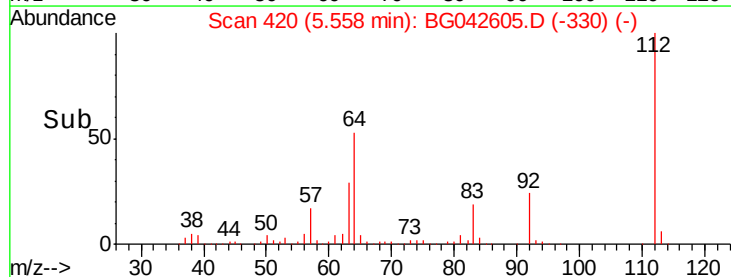
#5

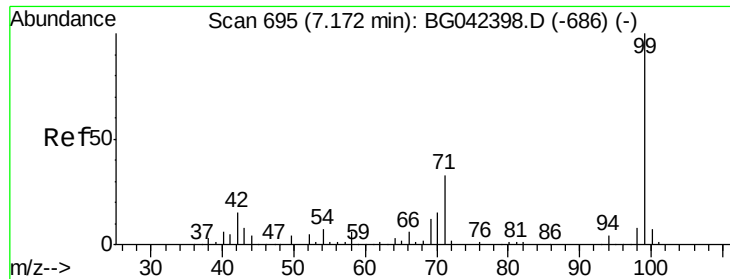
2-Fluorophenol
Concen: 148.873 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.00 min
Lab File: BG042605.D
Acq: 30 Aug 2019 18:03

Tgt Ion:112 Resp: 274849
Ion Ratio Lower Upper
112 100
64 52.6 42.8 64.2
63 29.1 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: 146.916 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042605.D

Acq: 30 Aug 2019 18:03

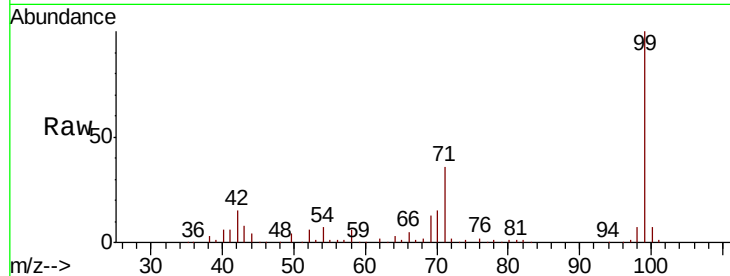
Instrument :

BNA_G

ClientSampled :

Tot Ion: 99 Resp: 366379

Ion	Ratio	Lower	Upper
99	100		
42	15.4	12.0	18.0
71	35.5	26.3	39.5



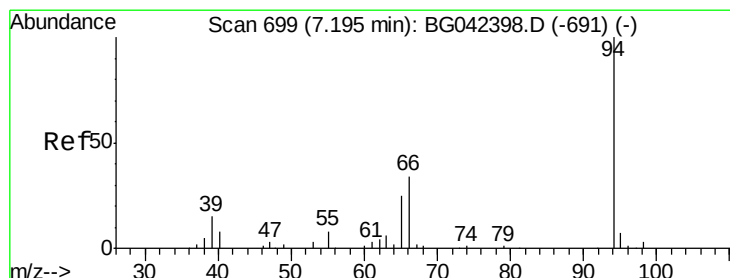
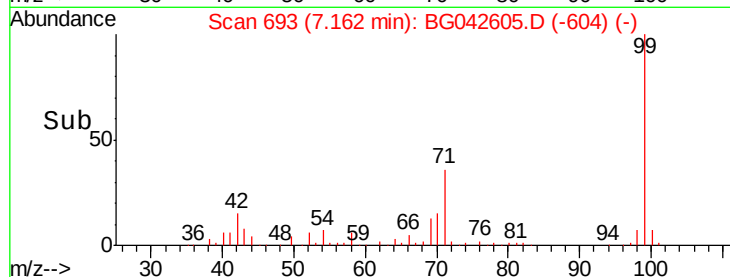
Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

7.16

Time-->



#10

Phenol

Concen: 8.212 ng

RT: 7.19 min Scan# 698

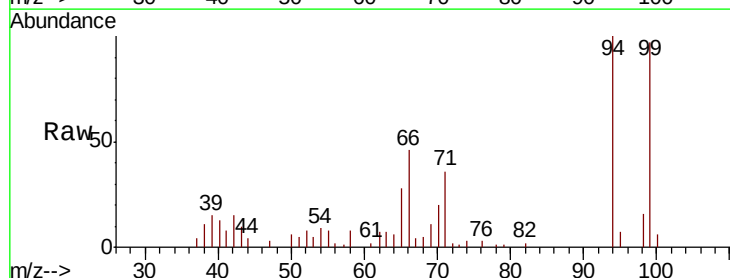
Delta R.T. -0.00 min

Lab File: BG042605.D

Acq: 30 Aug 2019 18:03

Tgt Ion: 94 Resp: 20821

Ion	Ratio	Lower	Upper
94	100		
65	28.3	5.6	45.6
66	45.6	16.0	56.0



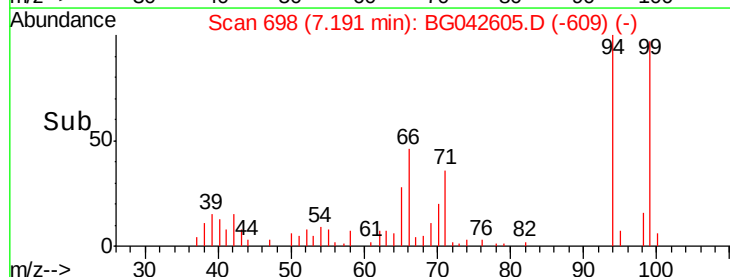
Abundance Ion 94.00 (93.70 to 94.70): BGC

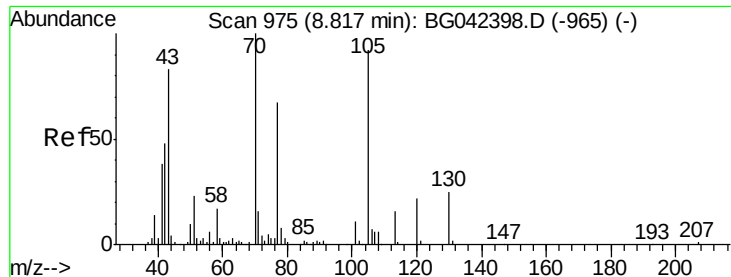
Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

7.19

Time-->

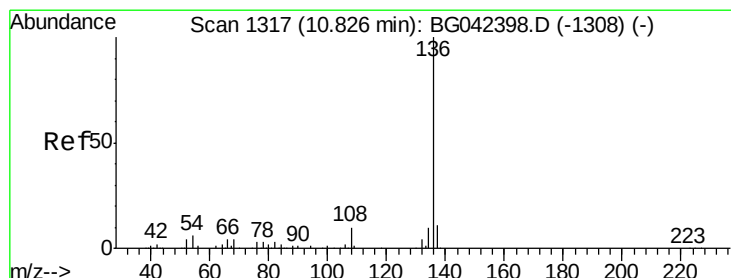
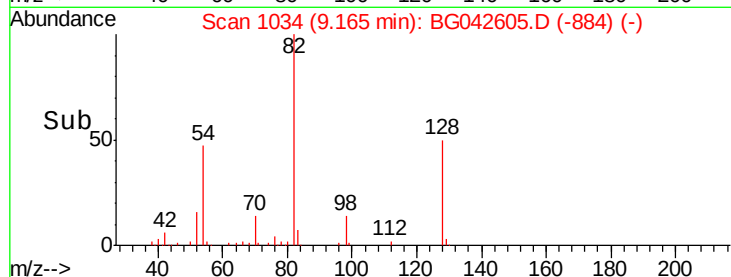
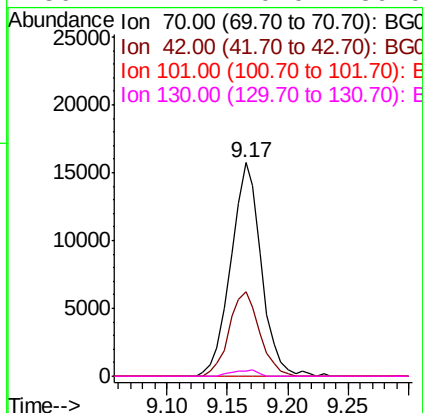
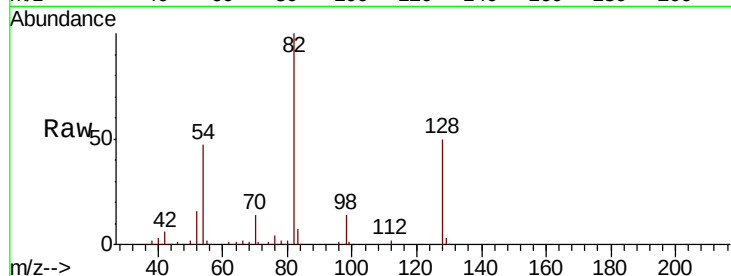




#19
n-Nitroso-di-n-propylamine
Concen: 17.073 ng
RT: 9.17 min Scan# 1034
Delta R.T. 0.35 min
Lab File: BG042605.D
Acq: 30 Aug 2019 18:03

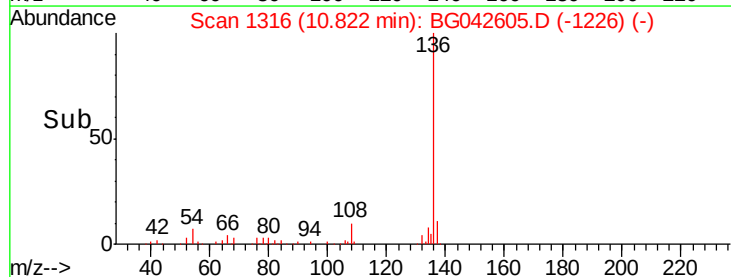
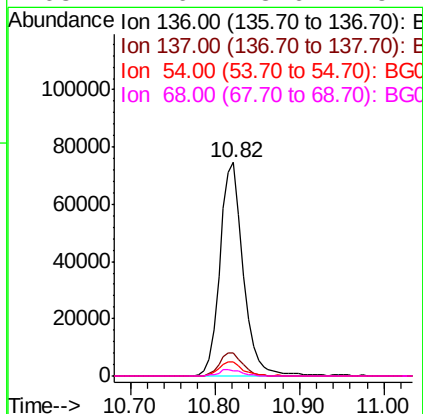
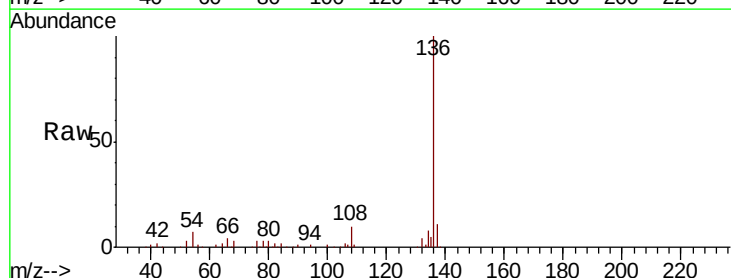
Instrument :
BNA_G
ClientSampled :

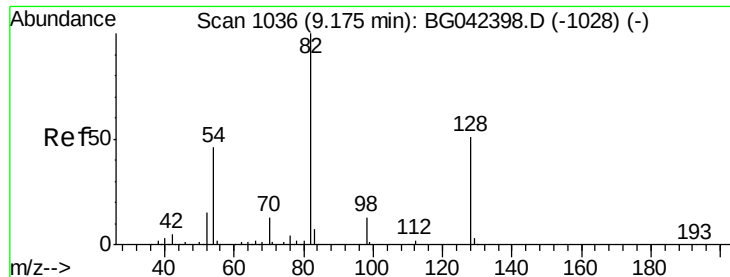
Tot Ion: 70 Resp: 27584
Ion Ratio Lower Upper
70 100
42 39.7 38.8 58.2
101 0.0 9.0 13.6#
130 2.2 20.0 30.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG042605.D
Acq: 30 Aug 2019 18:03

Tgt Ion: 136 Resp: 143024
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 6.7 4.9 7.3
68 2.6 3.6 5.4#

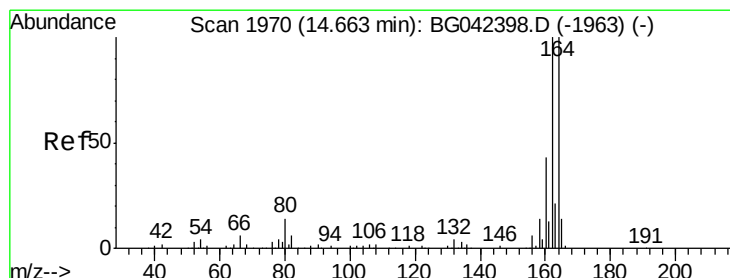
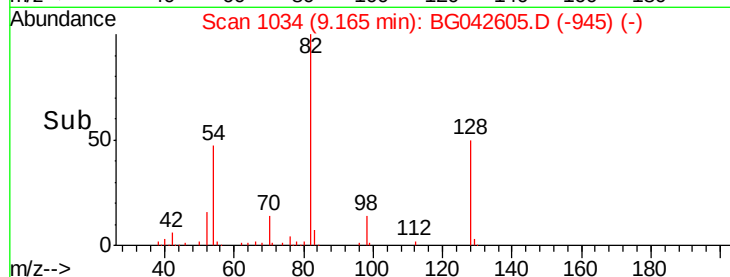
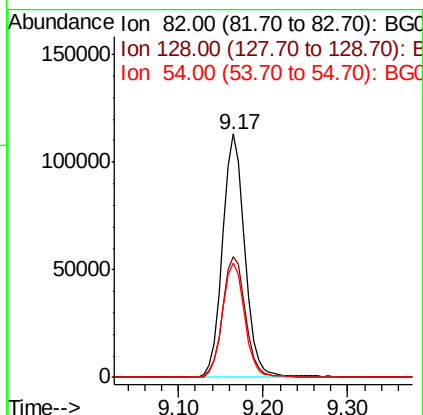
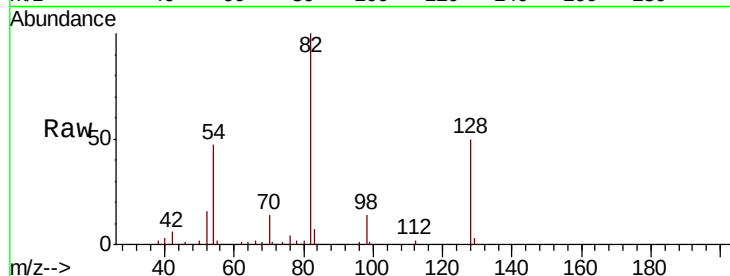




#23
Nitrobenzene-d5
Concen: 100.102 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042605.D
Acq: 30 Aug 2019 18:03

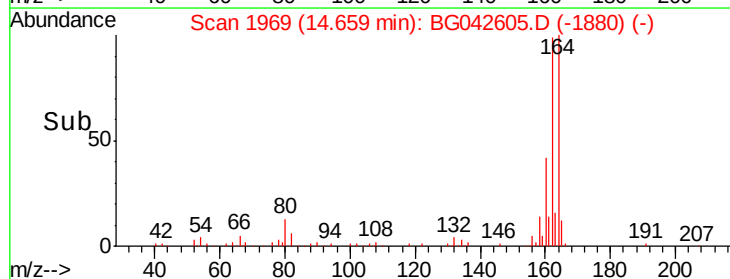
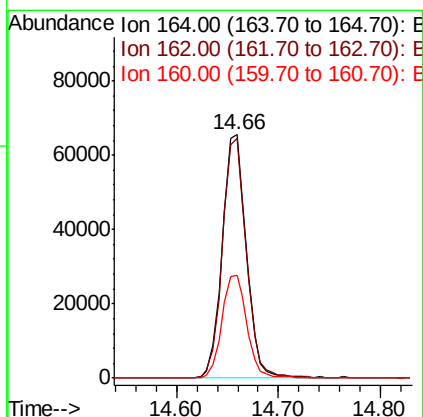
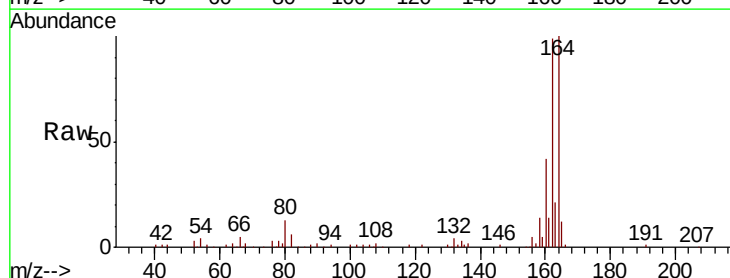
Instrument :
BNA_G
ClientSampled :

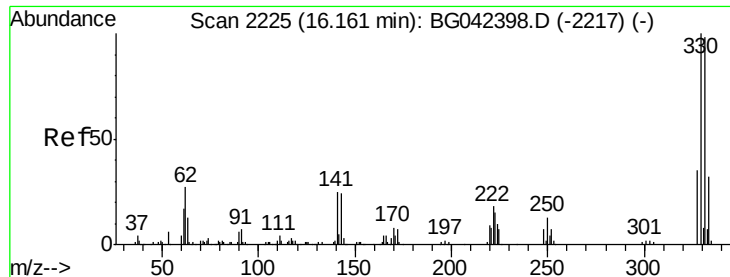
Tot Ion	82	Resp	207180
Ion Ratio	Lower	Upper	
82	100		
128	49.8	40.7	61.1
54	47.1	36.3	54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG042605.D
Acq: 30 Aug 2019 18:03

Tgt Ion	164	Resp	107924
Ion Ratio	Lower	Upper	
164	100		
162	98.7	79.9	119.9
160	42.0	34.3	51.5





#42

2,4,6-Tribromophenol

Concen: 156.296 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042605.D

Acq: 30 Aug 2019 18:03

Instrument :

BNA_G

ClientSampleId :

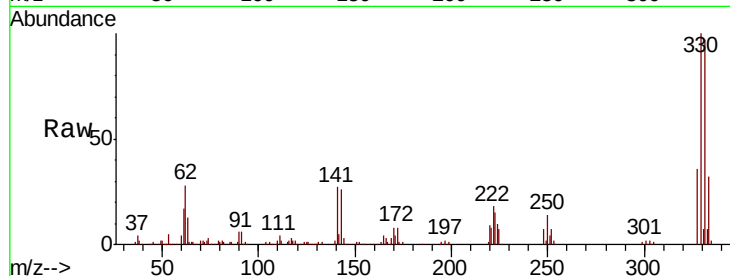
Tot Ion:330 Resp: 239752

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.0

141 26.9 21.4 32.0

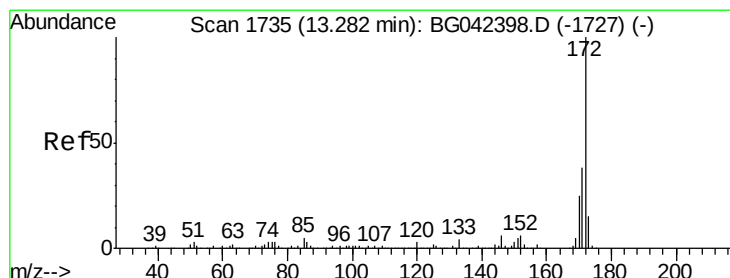
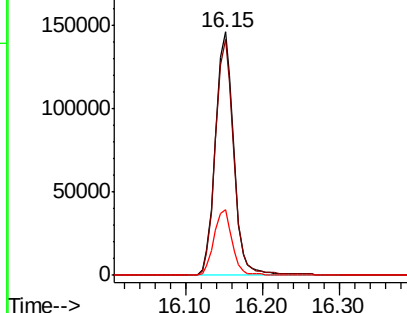
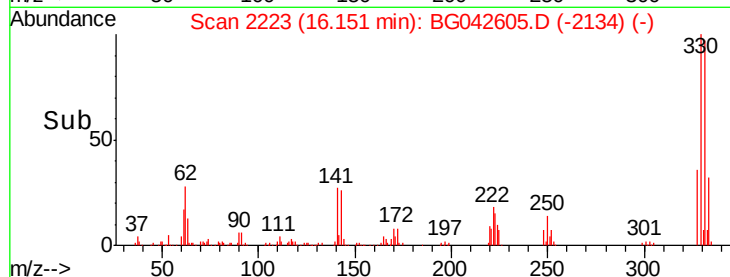


Abundance

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: 101.512 ng

RT: 13.28 min Scan# 1734

Delta R.T. -0.00 min

Lab File: BG042605.D

Acq: 30 Aug 2019 18:03

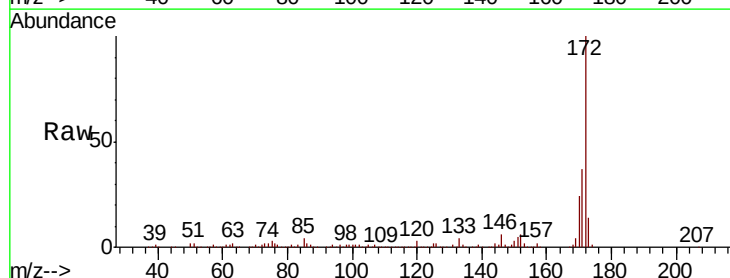
Tgt Ion:172 Resp: 647769

Ion Ratio Lower Upper

172 100

171 37.3 30.5 45.7

170 24.3 20.2 30.2

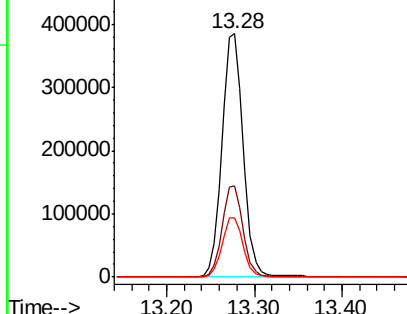
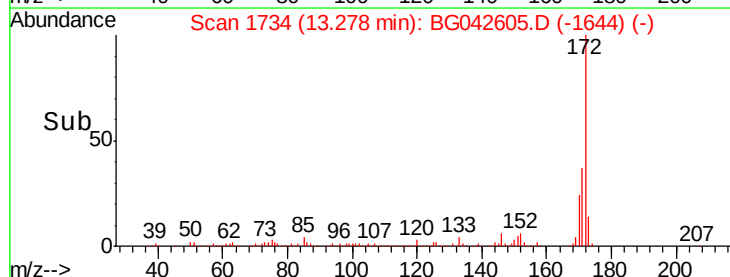


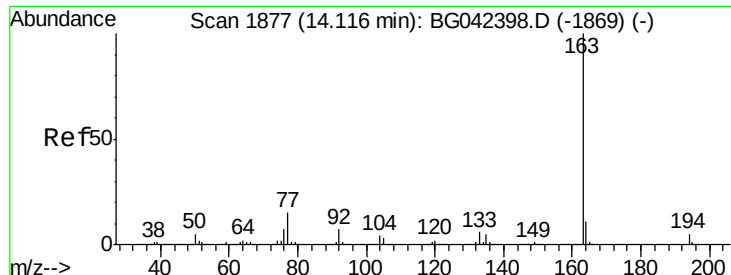
Abundance

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: 7.222 ng

RT: 14.11 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG042605.D

Acq: 30 Aug 2019 18:03

Instrument :

BNA_G

ClientSampleId :

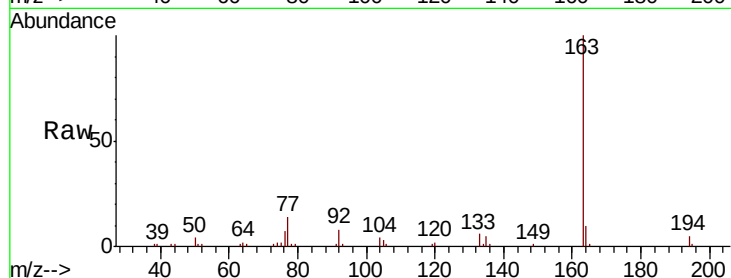
Tot Ion:163 Resp: 56236

Ion Ratio Lower Upper

163 100

194 4.6 4.2 6.2

164 10.2 8.8 13.2

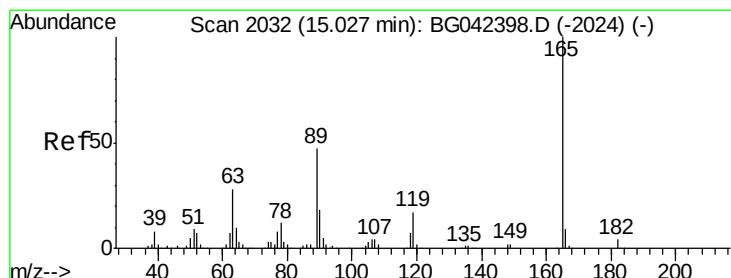
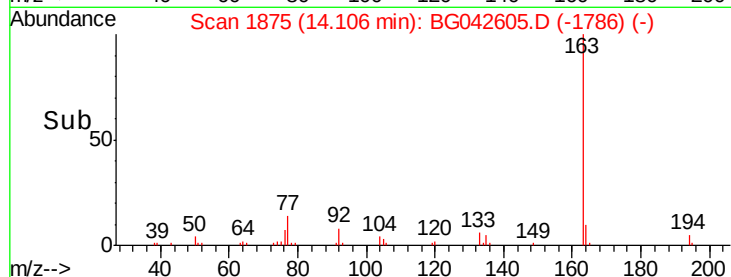
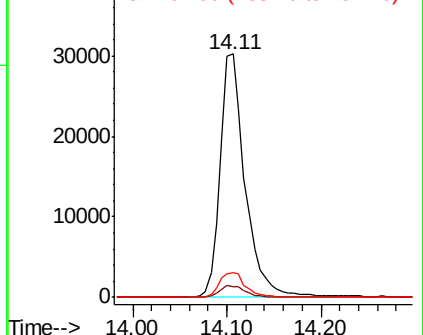


Abundance

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: 5.441 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.37 min

Lab File: BG042605.D

Acq: 30 Aug 2019 18:03

Tgt Ion:165 Resp: 14064

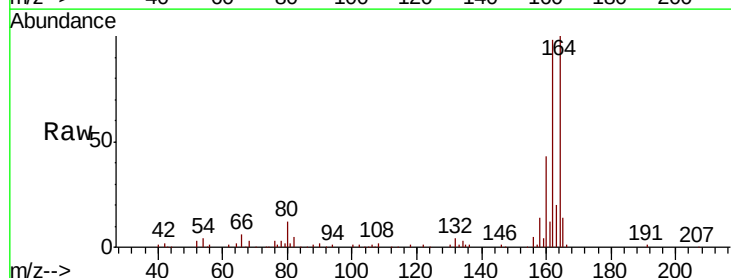
Ion Ratio Lower Upper

165 100

63 0.0 22.5 33.7#

89 0.0 37.8 56.6#

182 0.0 3.0 4.4#



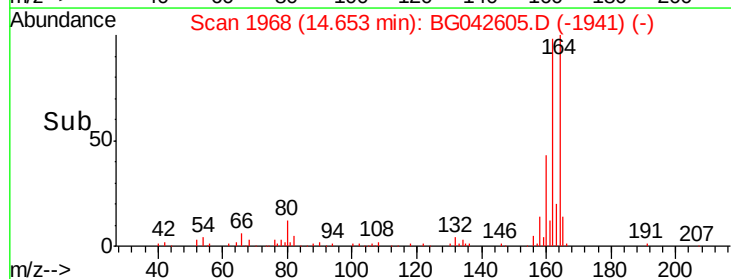
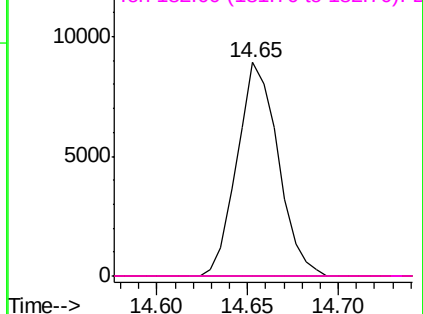
Abundance

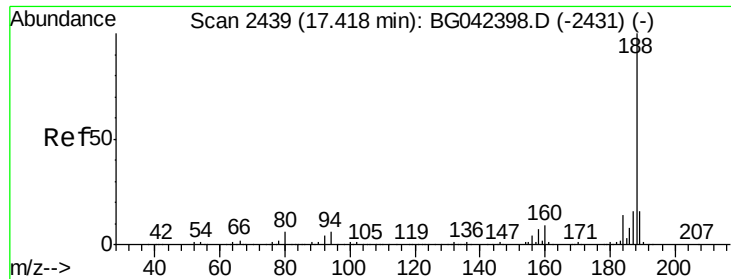
Ion 165.00 (164.70 to 165.70): E

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

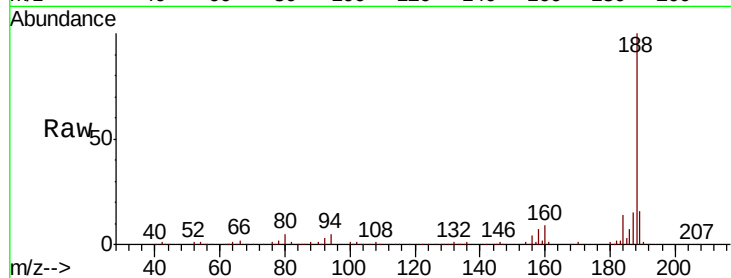




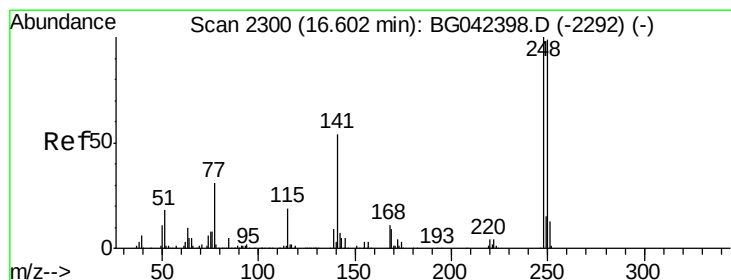
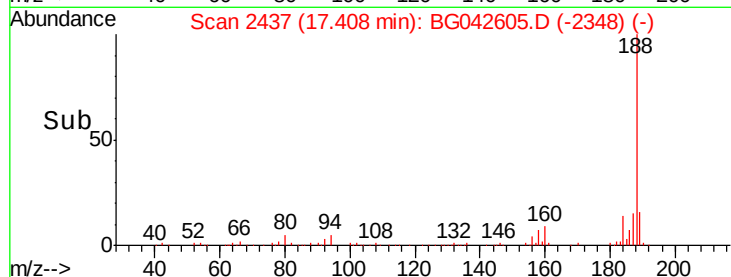
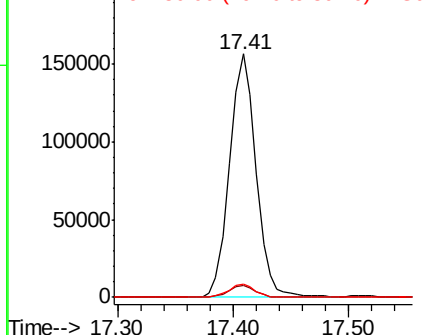
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2437
 Delta R.T. -0.01 min
 Lab File: BG042605.D
 Acq: 30 Aug 2019 18:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:188 Resp: 248710
 Ion Ratio Lower Upper
 188 100
 94 4.7 4.5 6.7
 80 5.3 4.9 7.3

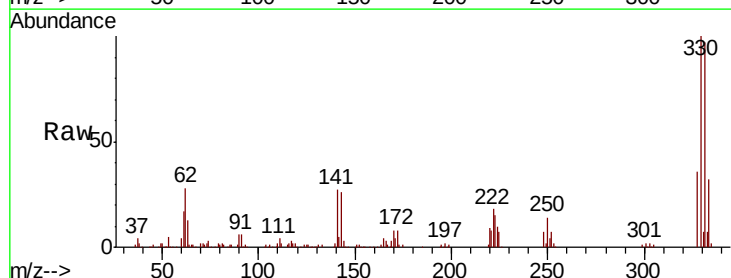


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

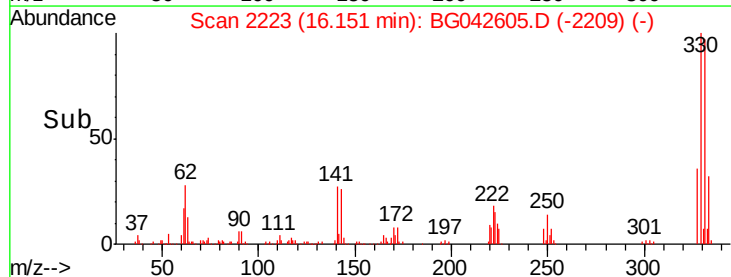
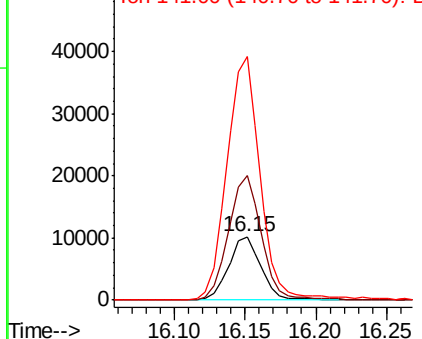


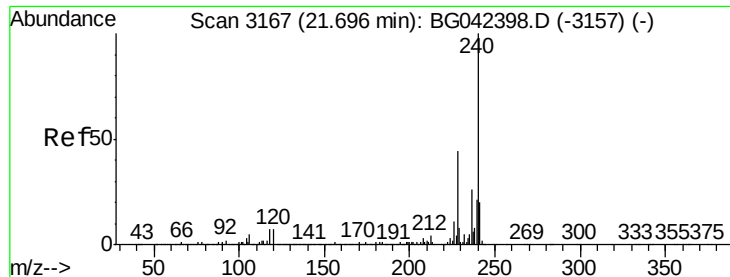
#67
 4-Bromophenyl-phenylether
 Concen: 5.125 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.45 min
 Lab File: BG042605.D
 Acq: 30 Aug 2019 18:03

Tgt Ion:248 Resp: 16167
 Ion Ratio Lower Upper
 248 100
 250 196.6 78.9 118.3#
 141 384.1 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

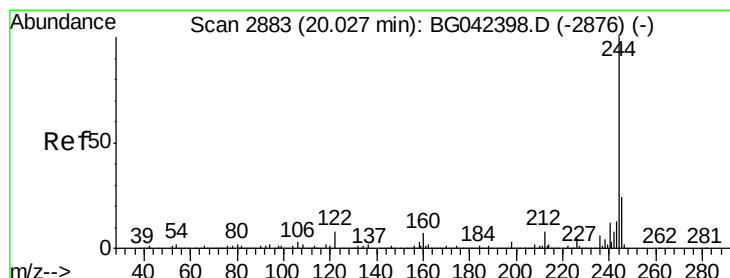
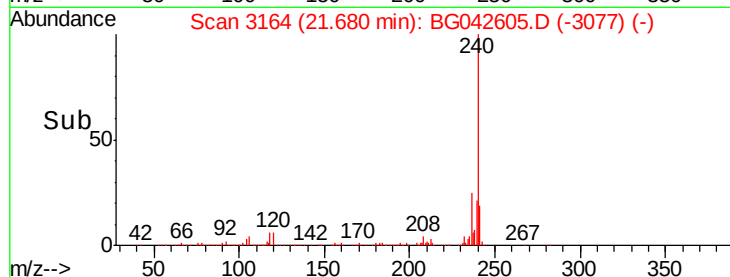
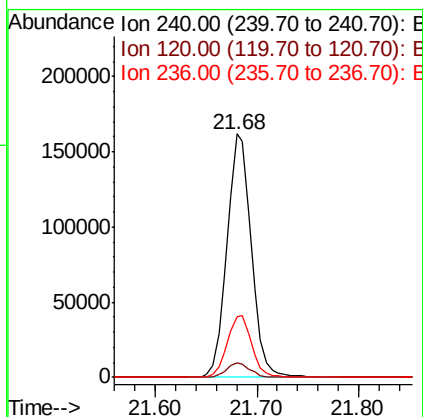
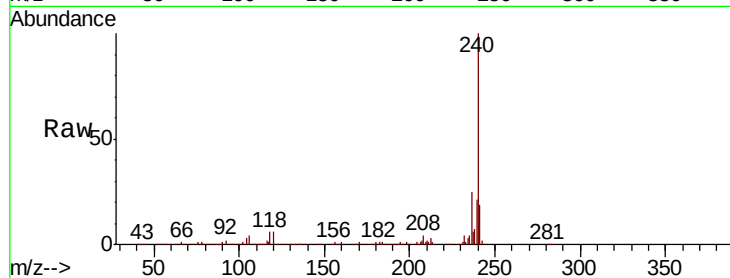




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.02 min
Lab File: BG042605.D
Acq: 30 Aug 2019 18:03

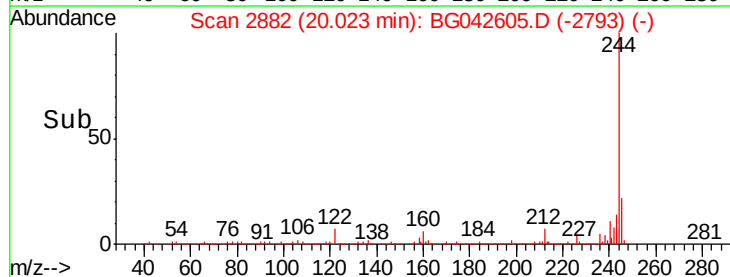
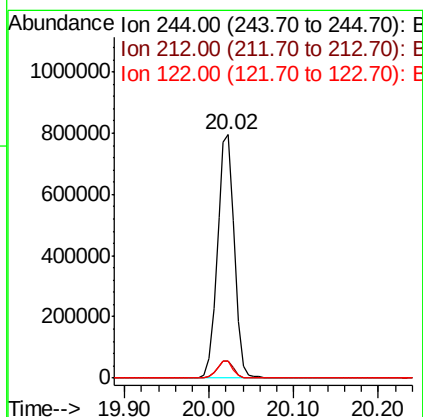
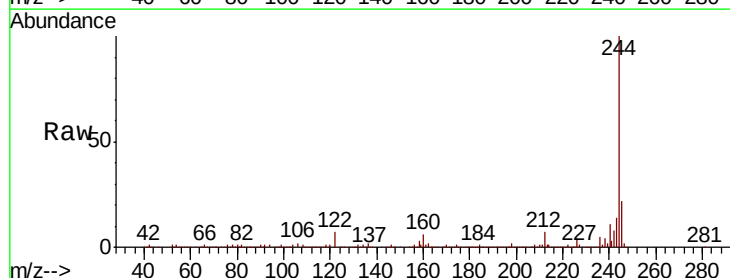
Instrument :
BNA_G
ClientSampleId :

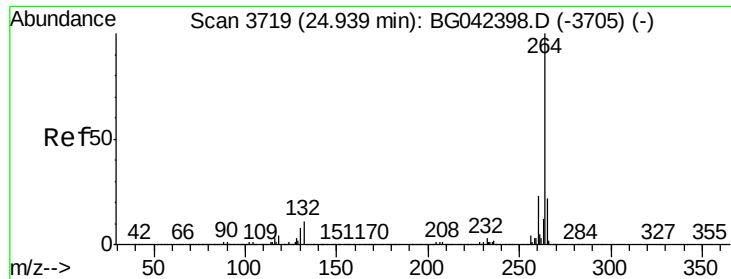
Tot Ion:240 Resp: 269354
Ion Ratio Lower Upper
240 100
120 5.8 5.7 8.5
236 24.8 21.0 31.4



#79
Terphenyl-d14
Concen: 89.664 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.00 min
Lab File: BG042605.D
Acq: 30 Aug 2019 18:03

Tgt Ion:244 Resp: 1117121
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: 24.92 min Scan# 3716
Delta R.T. -0.02 min
Lab File: BG042605.D
Acq: 30 Aug 2019 18:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.5	27.7
265	22.4	17.6	26.4

