

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
 Data File : BG042562.D
 Acq On : 29 Aug 2019 13:03
 Operator : HP/JU
 Sample : K4441-13RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 29 14:19:01 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

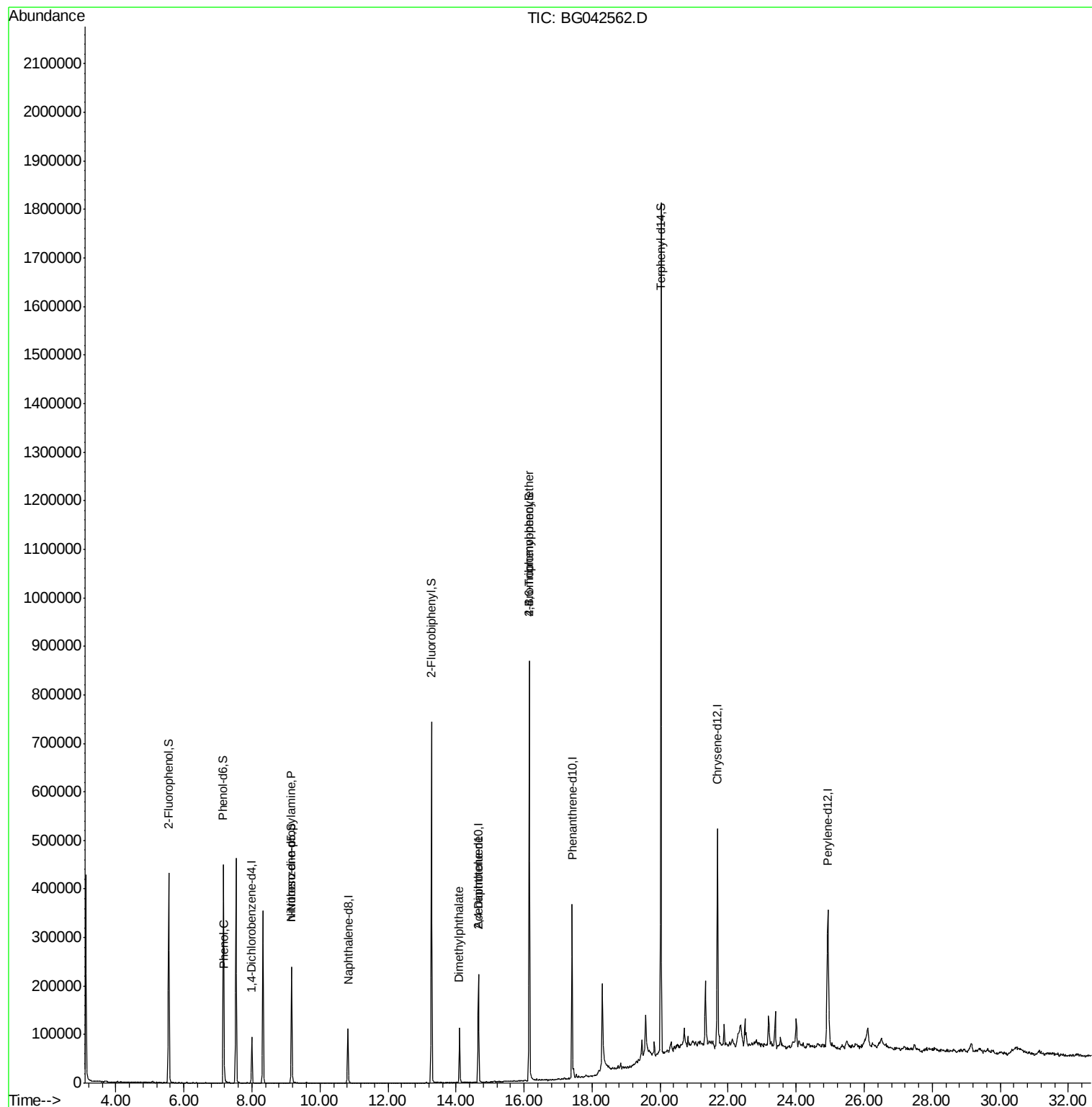
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	30012	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	116042	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	91683	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	239691	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	278314	20.00	ng	-0.01
87) Perylene-d12	24.93	264	340073	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	220598	148.87	ng	-0.01
7) Phenol-d6	7.16	99	290875	145.32	ng	-0.01
23) Nitrobenzene-d5	9.16	82	157259	93.65	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	216350	166.02	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	440208	81.21	ng	0.00
79) Terphenyl-d14	20.02	244	922666	71.67	ng	0.00
Target Compounds						
10) Phenol	7.18	94	6879	3.380	ng	# 65
19) n-Nitroso-di-n-propylamine	9.16	70	20668	15.938	ng	# 74
50) Dimethylphthalate	14.10	163	95503	14.437	ng	98
57) 2,4-Dinitrotoluene	14.66	165	11850	5.397	ng	# 38
67) 4-Bromophenyl-phenylether	16.15	248	14343	4.718	ng	# 1

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

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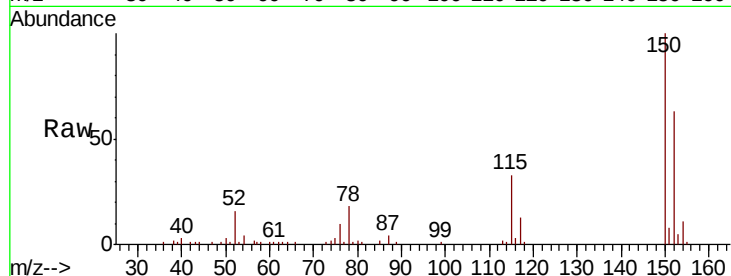


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.00 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BG042562.D
 Acq: 29 Aug 2019 13:03

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	125.4	188.0
115	52.0	38.5	57.7

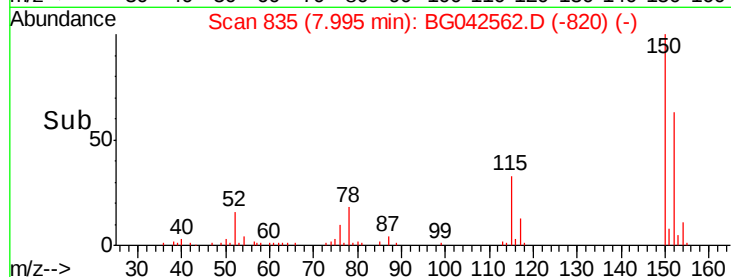
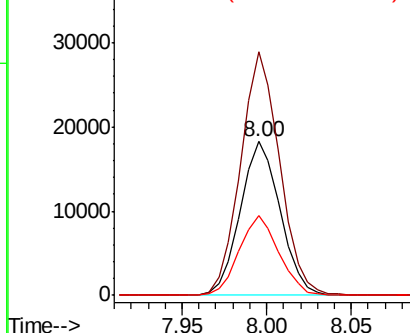


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

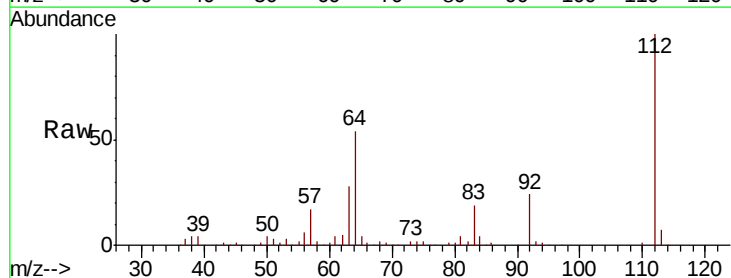
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 148.866 ng
 RT: 5.55 min Scan# 419
 Delta R.T. -0.01 min
 Lab File: BG042562.D
 Acq: 29 Aug 2019 13:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.9	42.8	64.2
63	28.4	22.7	34.1

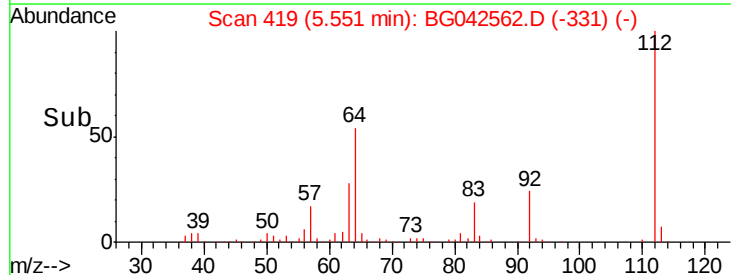
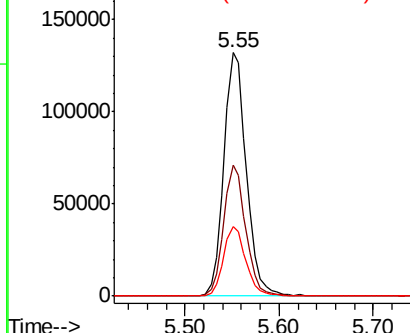


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 145.317 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042562.D

Acq: 29 Aug 2019 13:03

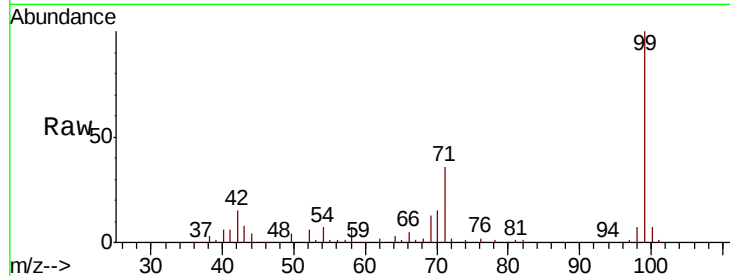
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 290875

Ion	Ratio	Lower	Upper
99	100		
42	15.4	12.0	18.0
71	36.1	26.3	39.5

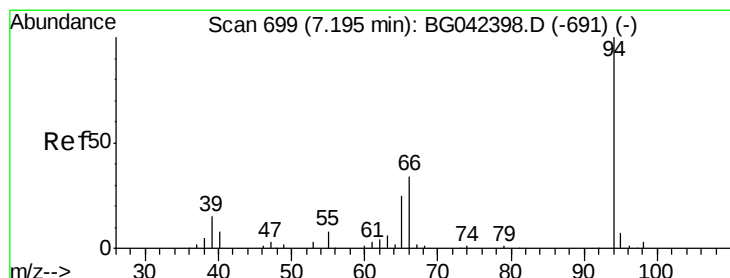
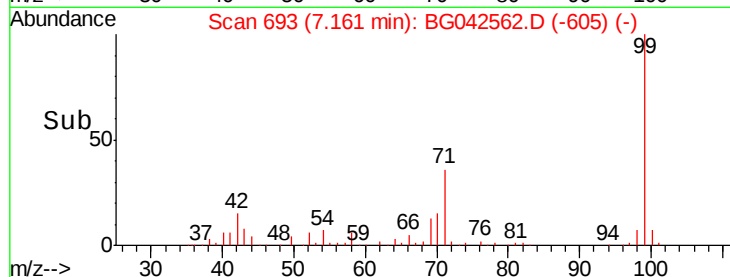
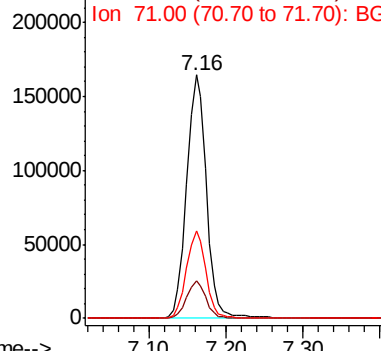


Abundance

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



#10

Phenol

Concen: 3.380 ng

RT: 7.18 min Scan# 697

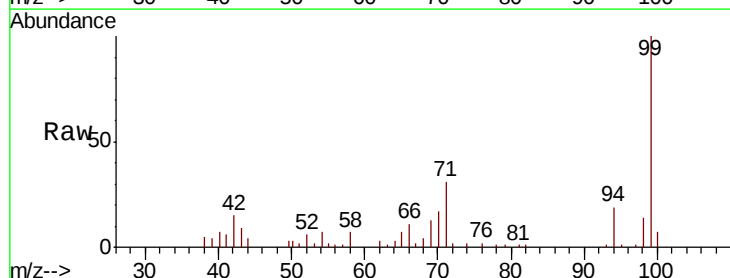
Delta R.T. -0.01 min

Lab File: BG042562.D

Acq: 29 Aug 2019 13:03

Tgt Ion: 94 Resp: 6879

Ion	Ratio	Lower	Upper
94	100		
65	39.6	5.6	45.6
66	59.3	16.0	56.0

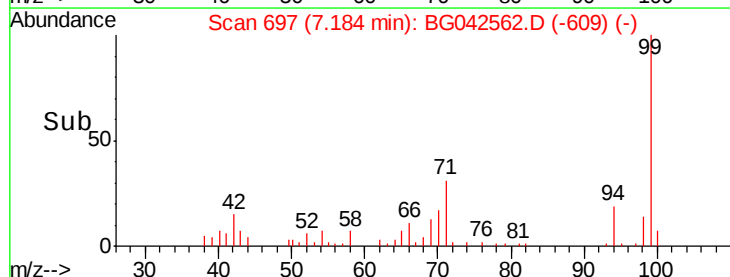
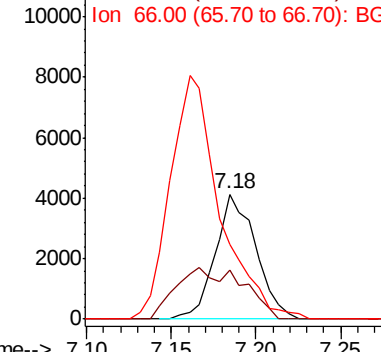


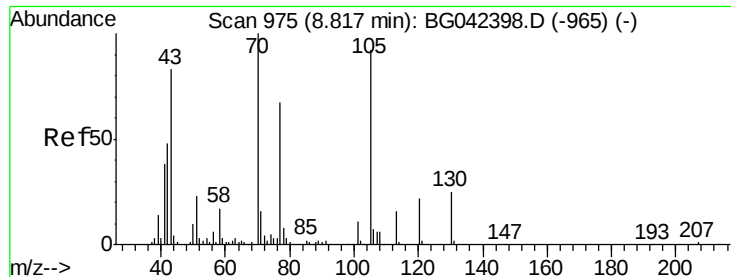
Abundance

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: 15.938 ng

RT: 9.16 min Scan# 1034

Delta R.T. 0.35 min

Lab File: BG042562.D

Acq: 29 Aug 2019 13:03

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 20668

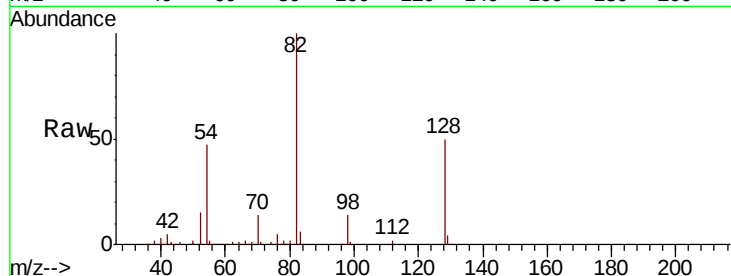
Ion Ratio Lower Upper

70 100

42 38.0 38.8 58.2#

101 0.0 9.0 13.6#

130 2.7 20.0 30.0#

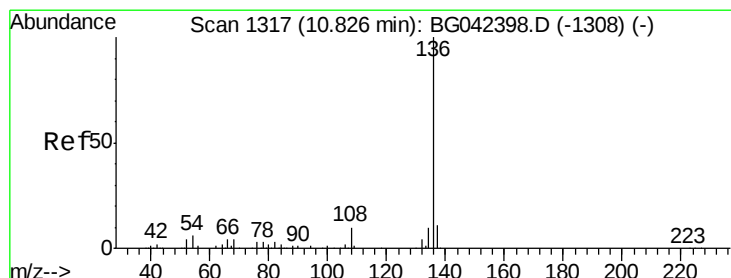
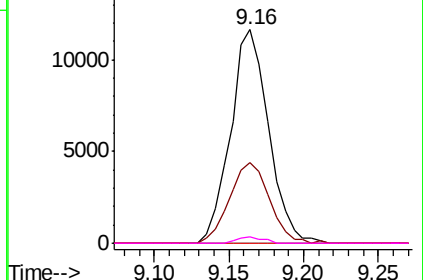
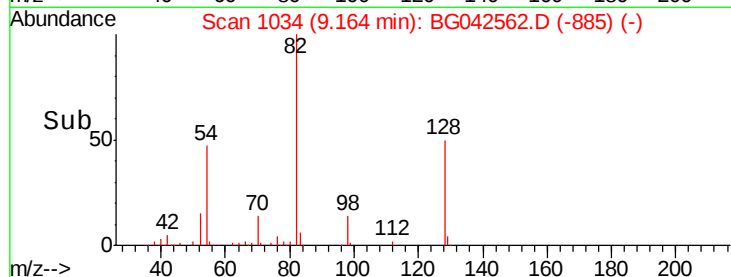


Abundance Ion 70.00 (69.70 to 70.70): BGC

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. -0.00 min

Lab File: BG042562.D

Acq: 29 Aug 2019 13:03

Tgt Ion:136 Resp: 116042

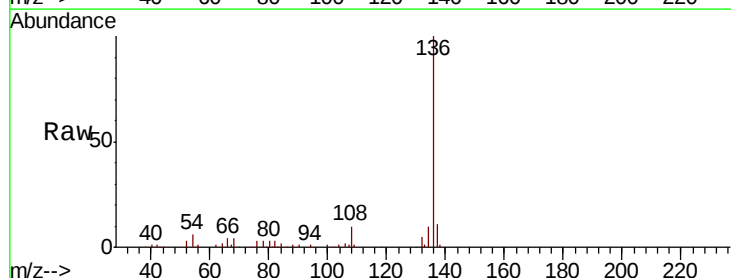
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 6.3 4.9 7.3

68 4.2 3.6 5.4

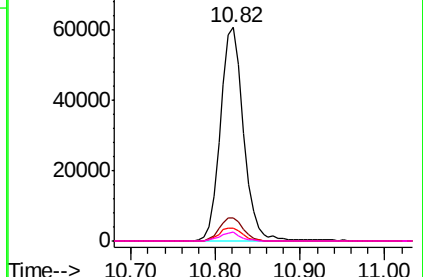
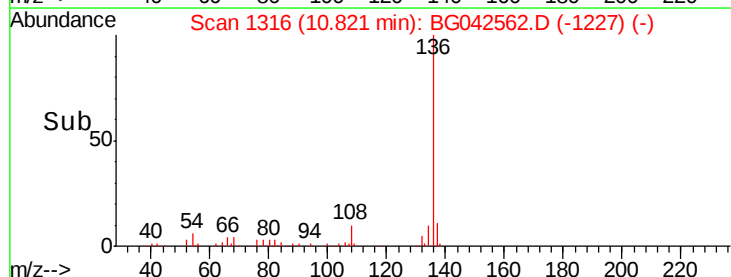


Abundance Ion 136.00 (135.70 to 136.70): BGC

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

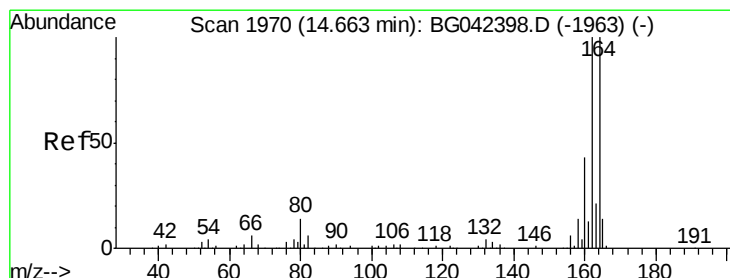
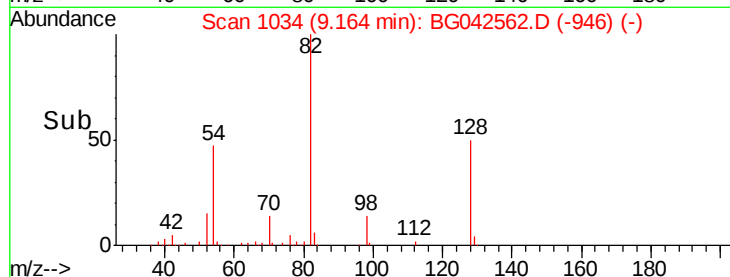
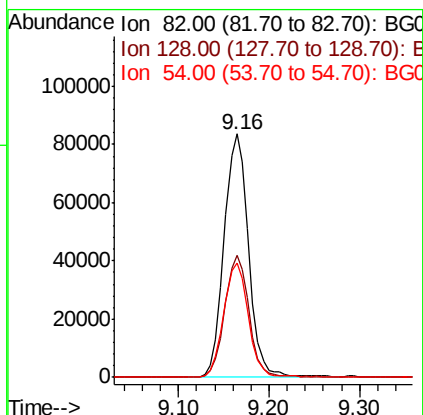
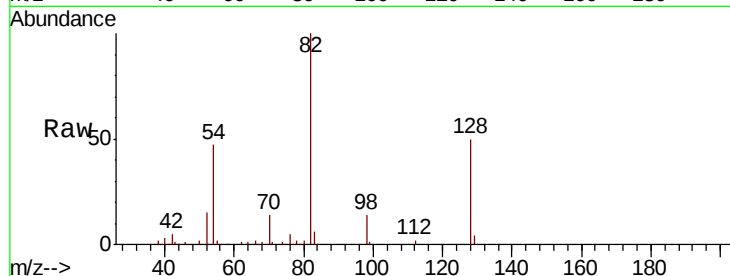




#23
Nitrobenzene-d5
Concen: 93.649 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042562.D
Acq: 29 Aug 2019 13:03

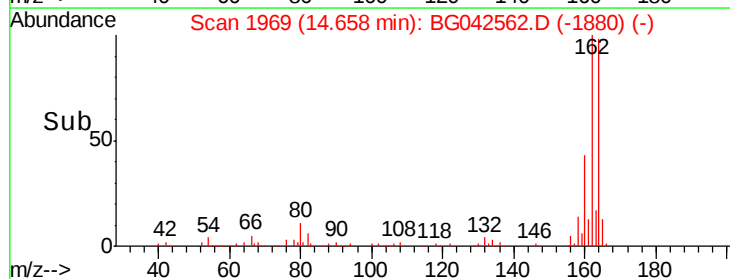
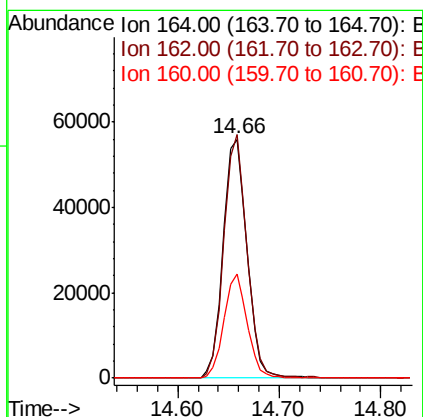
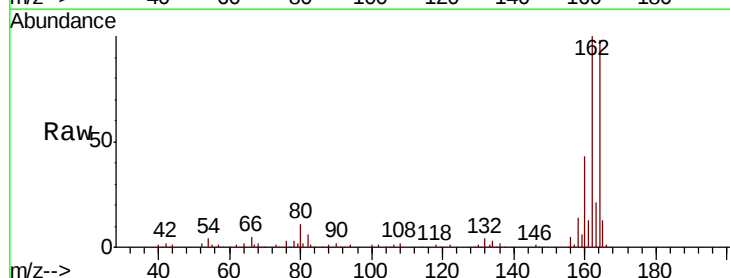
Instrument :
BNA_G
ClientSampleId :

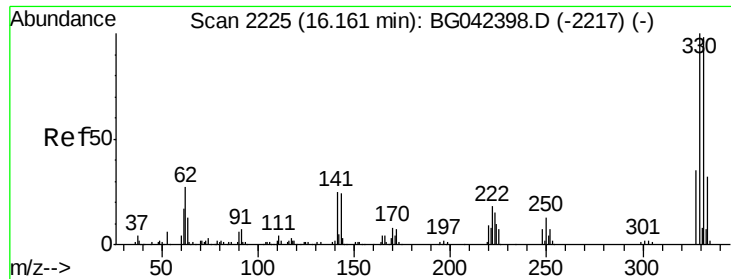
Tot Ion	82	Resp	157259
Ion Ratio	100	Lower	Upper
128	49.9	40.7	61.1
54	47.1	36.3	54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG042562.D
Acq: 29 Aug 2019 13:03

Tgt Ion	164	Resp	91683
Ion Ratio	100	Lower	Upper
162	102.0	79.9	119.9
160	43.6	34.3	51.5





#42

2,4,6-Tribromophenol

Concen: 166.024 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042562.D

Acq: 29 Aug 2019 13:03

Instrument :

BNA_G

ClientSampleId :

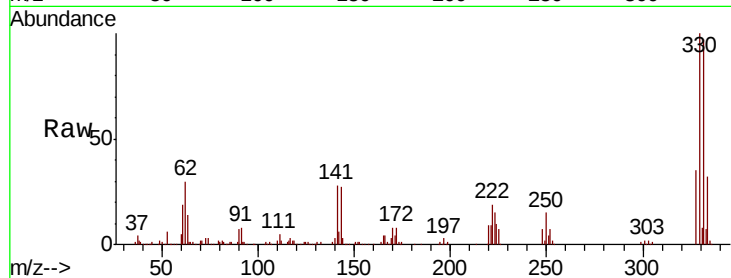
Tot Ion:330 Resp: 216350

Ion Ratio Lower Upper

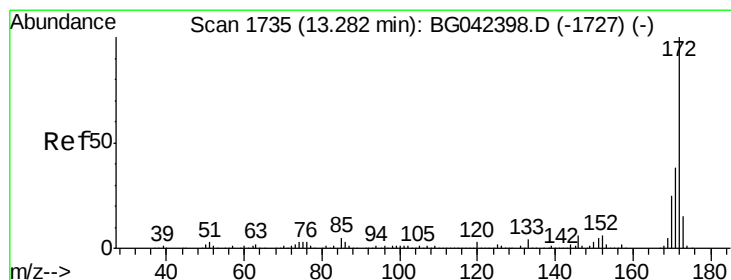
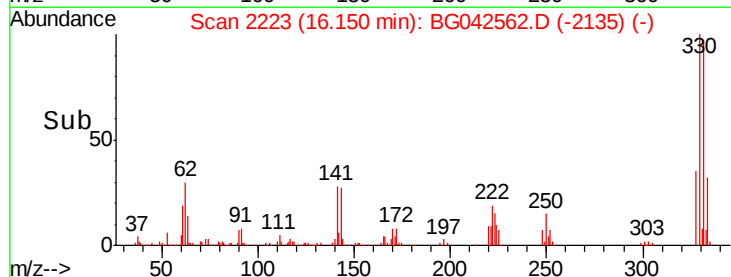
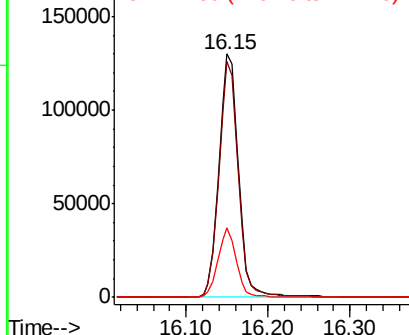
330 100

332 95.7 77.4 116.0

141 26.8 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: 81.206 ng

RT: 13.28 min Scan# 1734

Delta R.T. -0.00 min

Lab File: BG042562.D

Acq: 29 Aug 2019 13:03

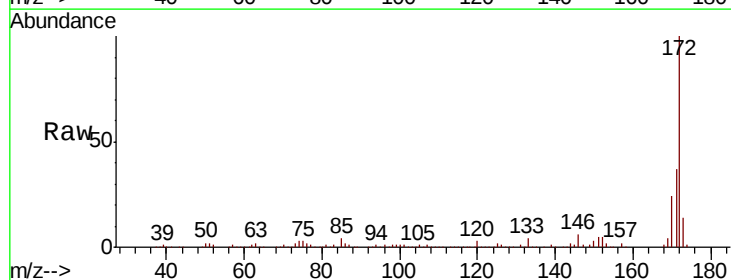
Tgt Ion:172 Resp: 440208

Ion Ratio Lower Upper

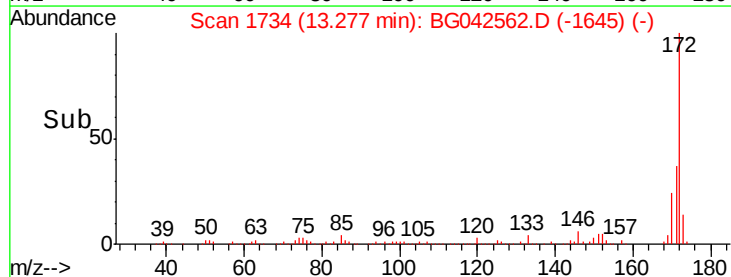
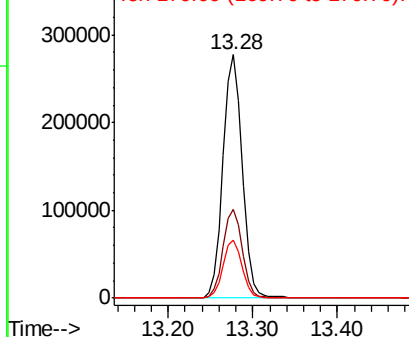
172 100

171 36.6 30.5 45.7

170 23.8 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: 14.437 ng

RT: 14.10 min Scan# 1874

Delta R.T. -0.02 min

Lab File: BG042562.D

Acq: 29 Aug 2019 13:03

Instrument :

BNA_G

ClientSampleId :

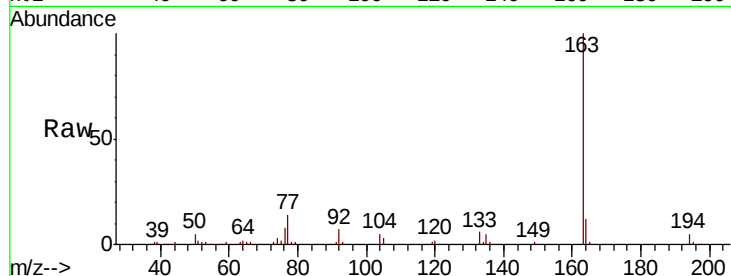
Tot Ion:163 Resp: 95503

Ion Ratio Lower Upper

163 100

194 4.5 4.2 6.2

164 11.8 8.8 13.2

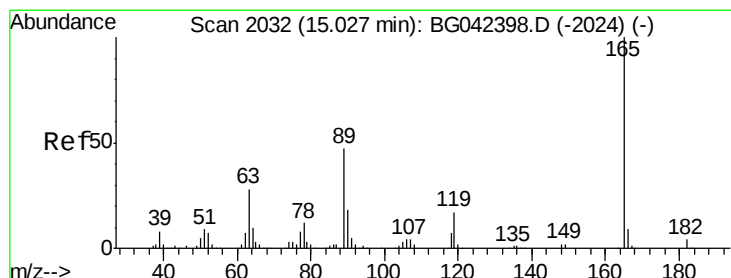
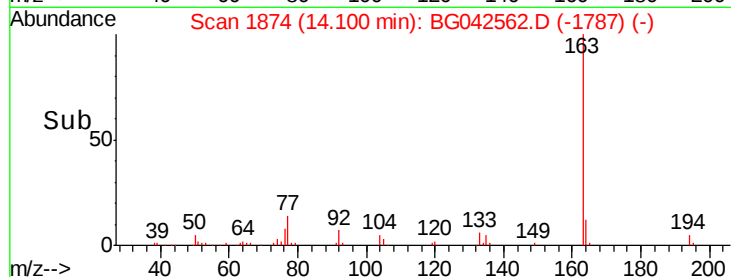
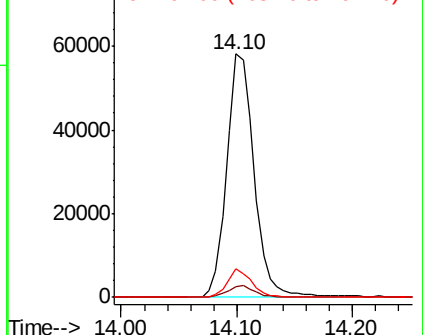


Abundance

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: 5.397 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.37 min

Lab File: BG042562.D

Acq: 29 Aug 2019 13:03

Tgt Ion:165 Resp: 11850

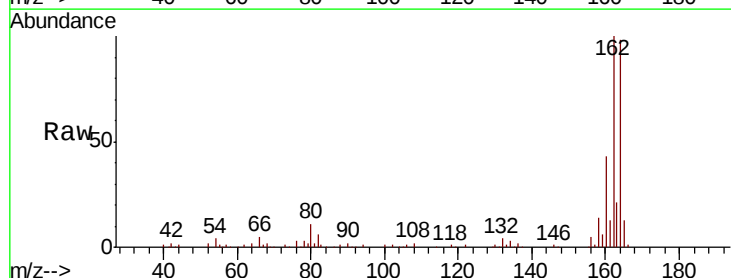
Ion Ratio Lower Upper

165 100

63 0.0 22.5 33.7#

89 0.0 37.8 56.6#

182 0.0 3.0 4.4#



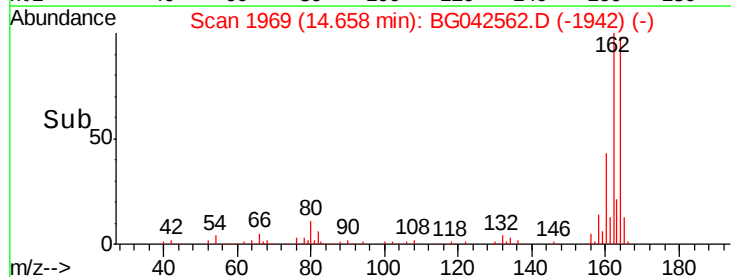
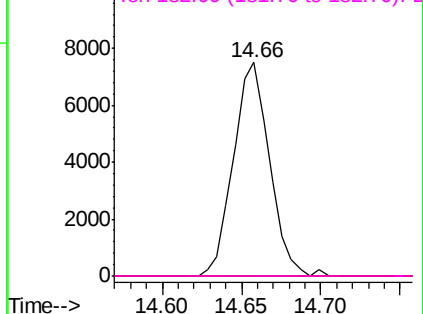
Abundance

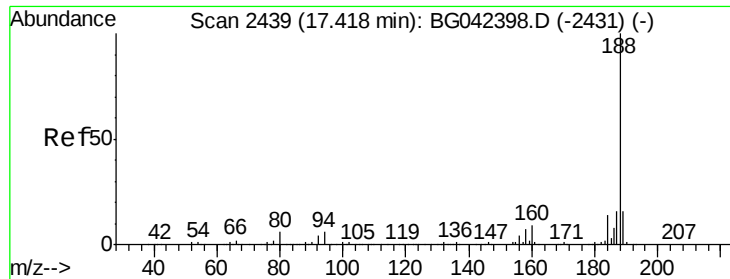
Ion 165.00 (164.70 to 165.70): E

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: BG042562.D

Acq: 29 Aug 2019 13:03

Instrument :

BNA_G

ClientSampleId :

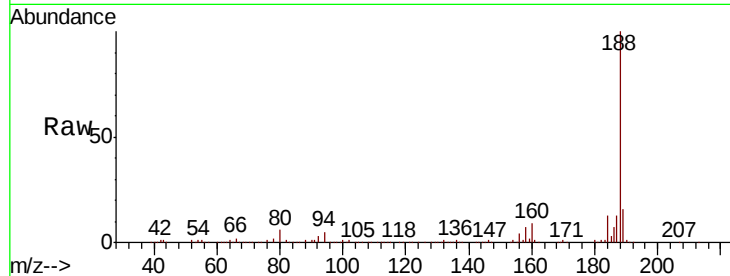
Tot Ion:188 Resp: 239691

Ion Ratio Lower Upper

188 100

94 5.1 4.5 6.7

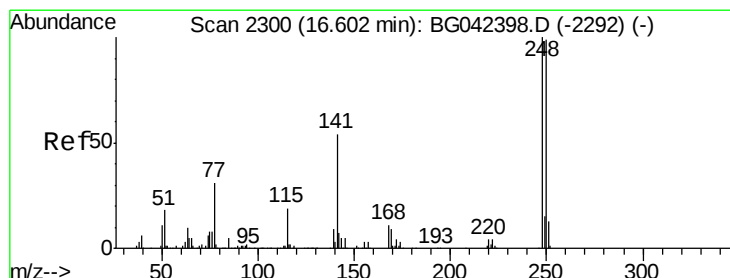
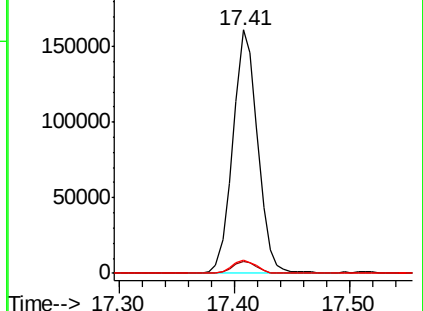
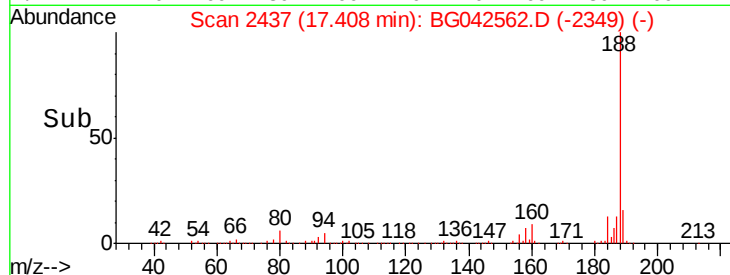
80 5.6 4.9 7.3



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: 4.718 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.45 min

Lab File: BG042562.D

Acq: 29 Aug 2019 13:03

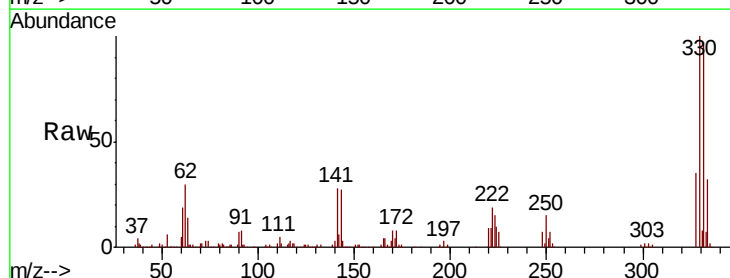
Tgt Ion:248 Resp: 14343

Ion Ratio Lower Upper

248 100

250 199.5 78.9 118.3#

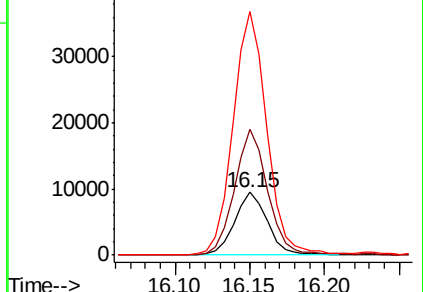
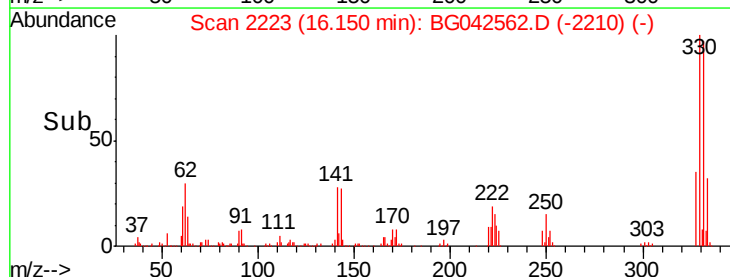
141 386.9 43.3 64.9#



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

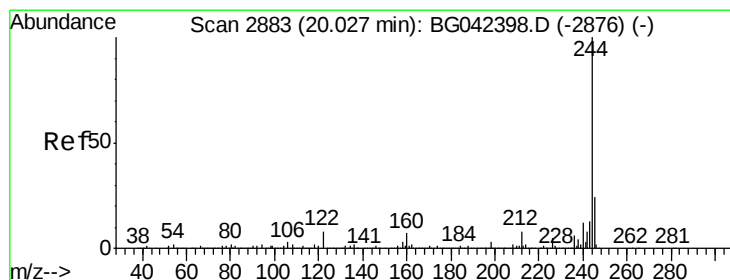
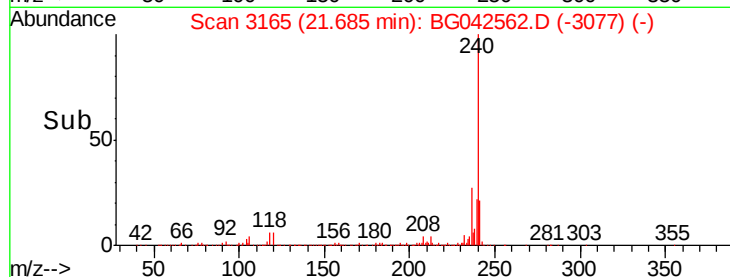
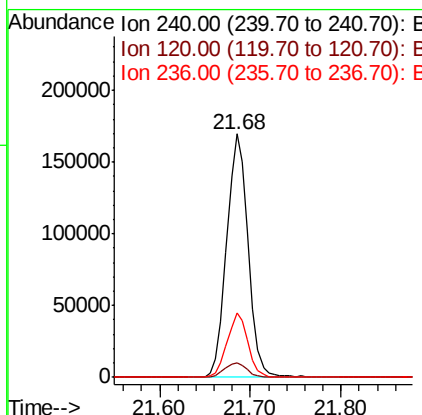
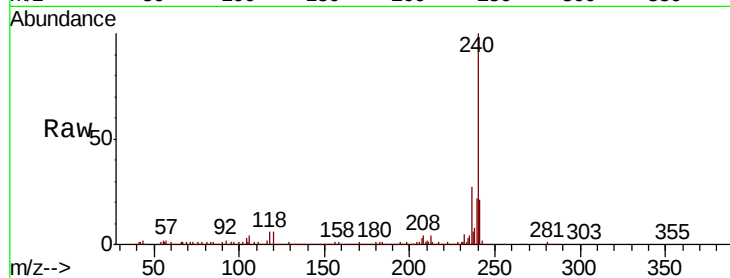




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042562.D
Acq: 29 Aug 2019 13:03

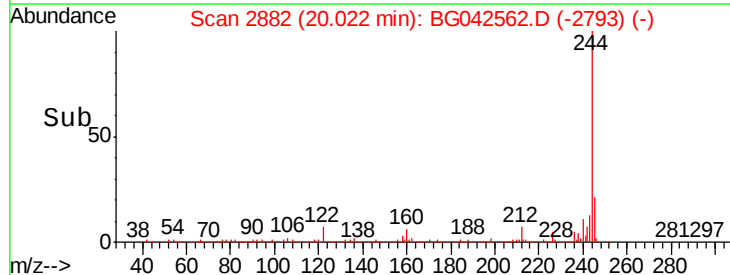
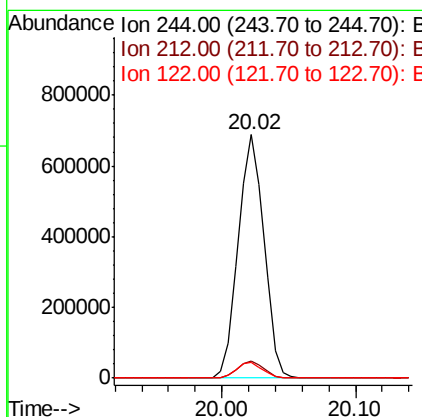
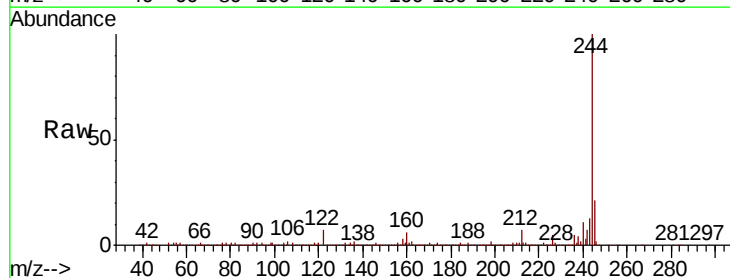
Instrument :
BNA_G
ClientSampled :

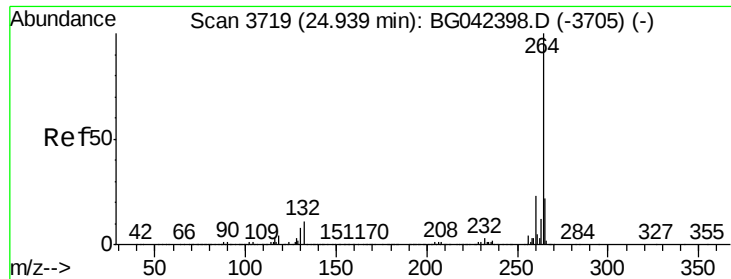
Tot Ion:240 Resp: 278314
Ion Ratio Lower Upper
240 100
120 6.0 5.7 8.5
236 26.6 21.0 31.4



#79
Terphenyl-d14
Concen: 71.672 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.00 min
Lab File: BG042562.D
Acq: 29 Aug 2019 13:03

Tgt Ion:244 Resp: 922666
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 6.7 6.7 10.1





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.01 min
Lab File: BG042562.D
Acq: 29 Aug 2019 13:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.5	27.7
265	23.0	17.6	26.4

