

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG082119\
 Data File : BG042389.D
 Acq On : 21 Aug 2019 18:42
 Operator : HP/JU
 Sample : K4330-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 22 01:42:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 13:40:37 2019
 Response via : Initial Calibration

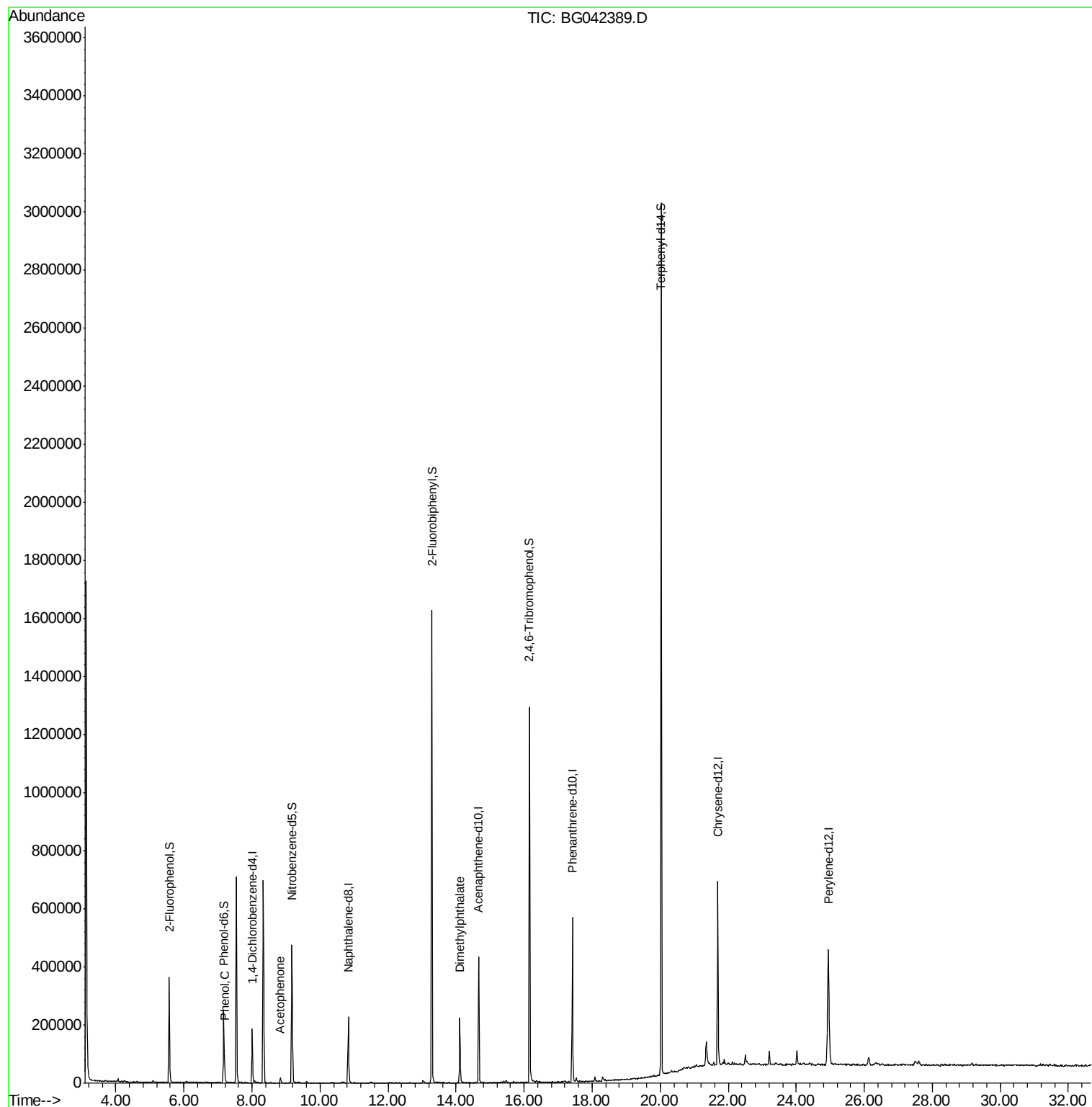
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	60865	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	237078	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	173698	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	391589	20.00	ng	0.00
76) Chrysene-d12	21.70	240	407220	20.00	ng	0.00
87) Perylene-d12	24.94	264	475670	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	196098	65.28	ng	0.00
7) Phenol-d6	7.17	99	172267	42.22	ng	0.00
23) Nitrobenzene-d5	9.18	82	307545	91.24	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	324512	137.17	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	959998	93.52	ng	0.00
79) Terphenyl-d14	20.03	244	1532500	82.43	ng	0.00
Target Compounds						
10) Phenol	7.20	94	10358	2.497	ng	92
22) Acetophenone	8.83	105	10955	2.175	ng	# 98
50) Dimethylphthalate	14.11	163	185012	14.990	ng	98

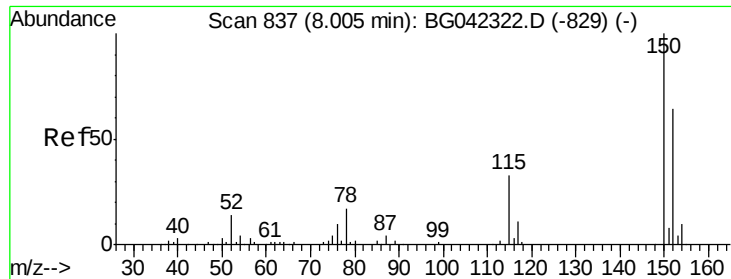
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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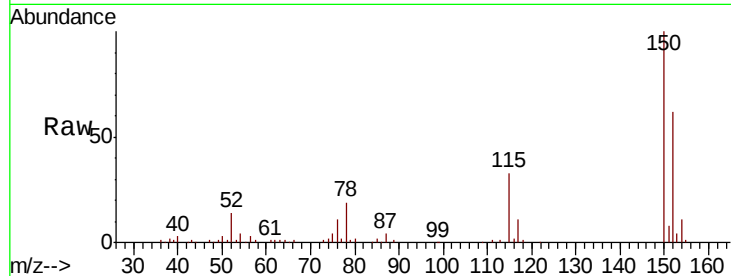


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG042389.D
Acq: 21 Aug 2019 18:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.3	124.3	186.5
115	52.5	40.5	60.7

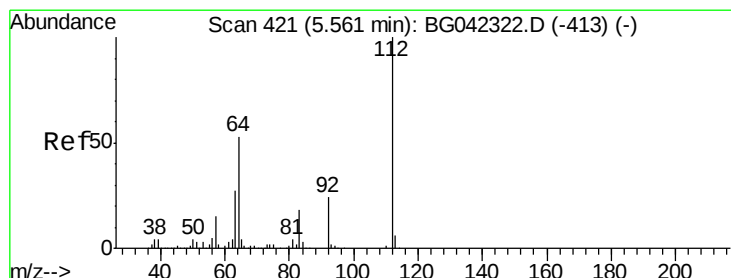
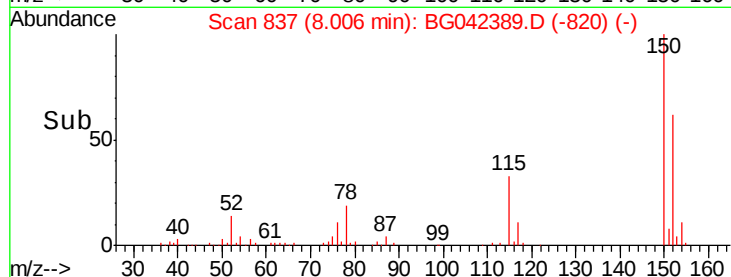
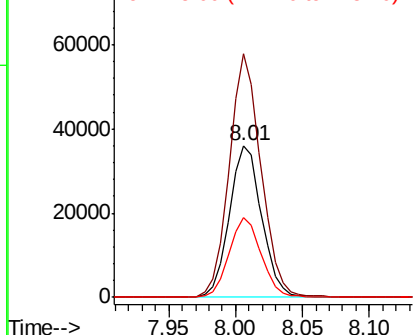


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

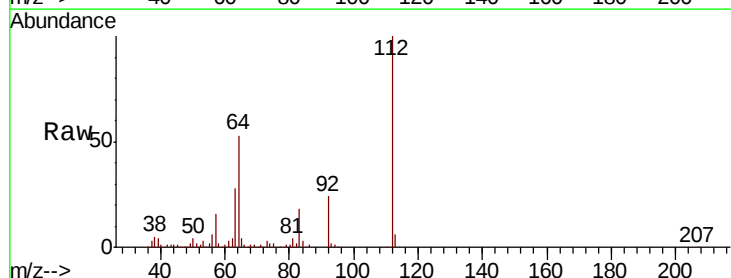
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 65.278 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.01 min
Lab File: BG042389.D
Acq: 21 Aug 2019 18:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.4	42.5	63.7
63	27.8	21.7	32.5

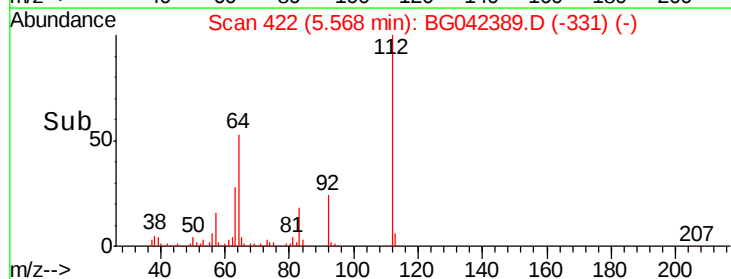
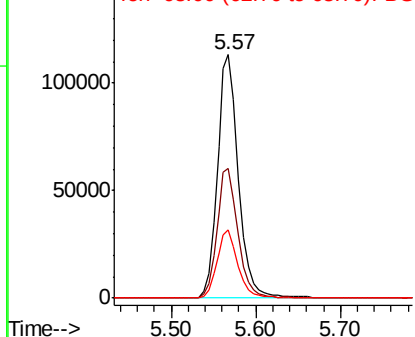


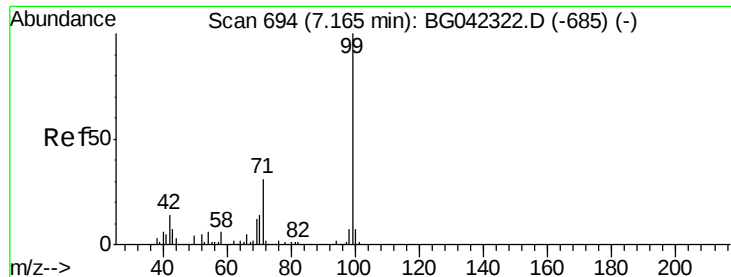
Abundance

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: 42.224 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG042389.D

Acq: 21 Aug 2019 18:42

Instrument :

BNA_G

ClientSampleId :

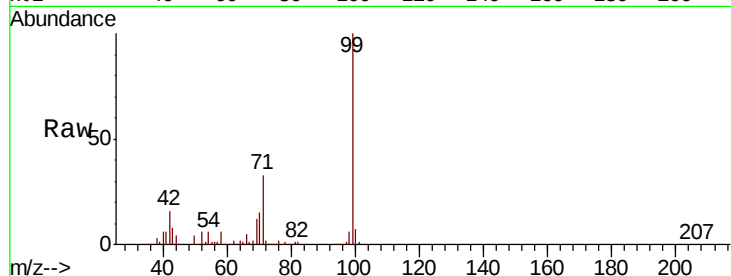
Tot Ion: 99 Resp: 172267

Ion Ratio Lower Upper

99 100

42 15.6 11.4 17.0

71 33.4 25.1 37.7

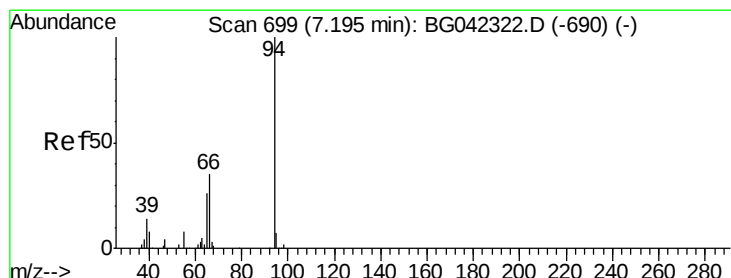
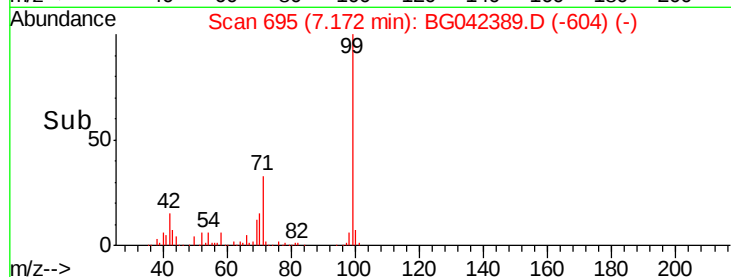
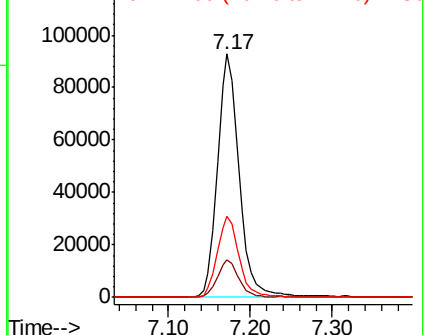


Abundance

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: 2.497 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG042389.D

Acq: 21 Aug 2019 18:42

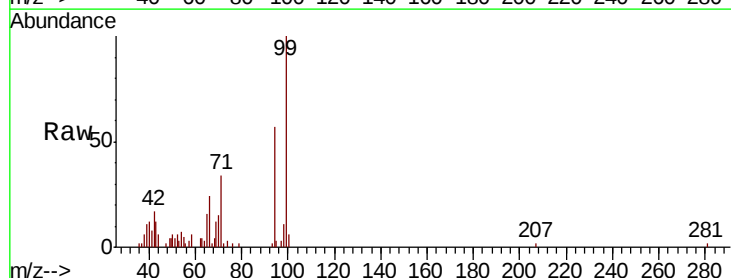
Tgt Ion: 94 Resp: 10358

Ion Ratio Lower Upper

94 100

65 28.3 6.1 46.1

66 41.6 15.7 55.7

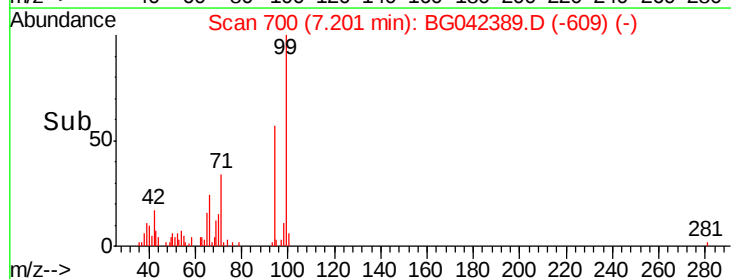
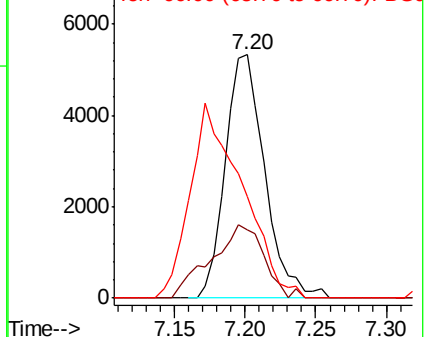


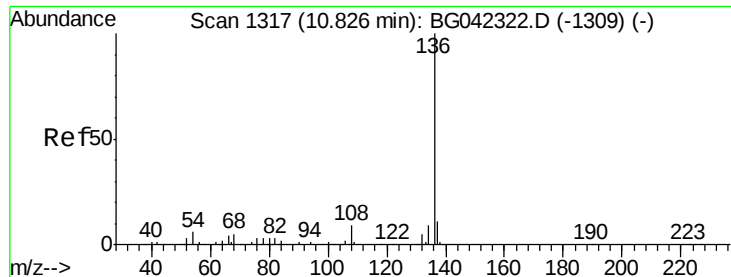
Abundance

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1318

Delta R.T. 0.01 min

Lab File: BG042389.D

Acq: 21 Aug 2019 18:42

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 237078

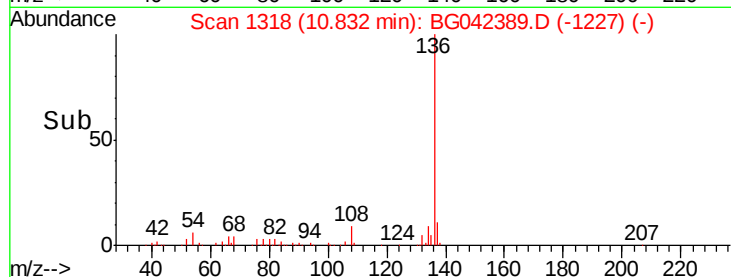
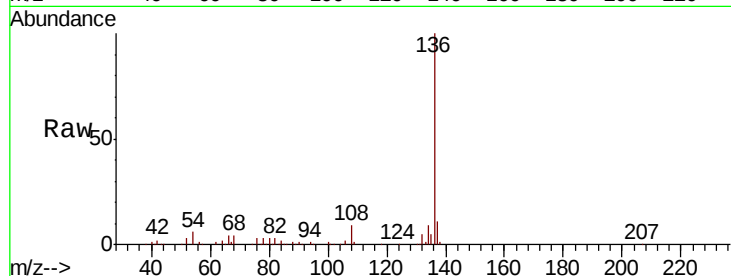
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 6.2 5.0 7.4

68 3.9 3.8 5.8

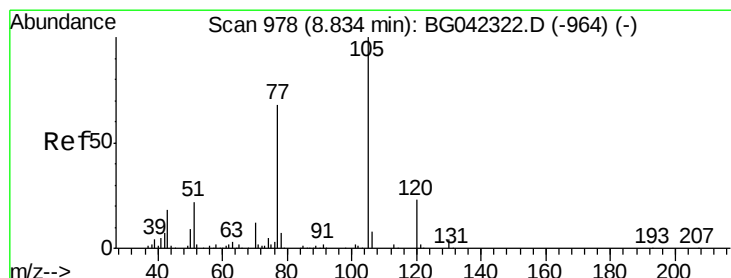
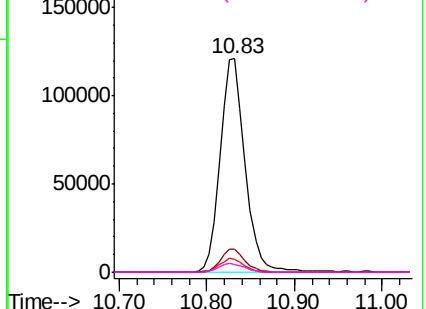


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 2.175 ng

RT: 8.83 min Scan# 978

Delta R.T. 0.00 min

Lab File: BG042389.D

Acq: 21 Aug 2019 18:42

Tgt Ion:105 Resp: 10955

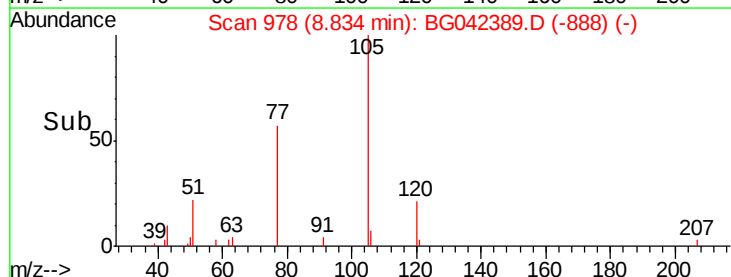
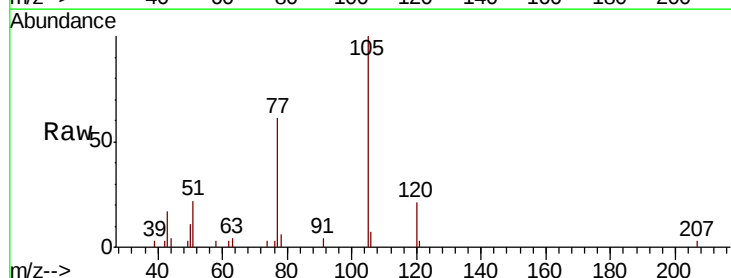
Ion Ratio Lower Upper

105 100

71 0.0 1.8 2.8#

51 21.6 17.5 26.3

120 21.3 18.4 27.6

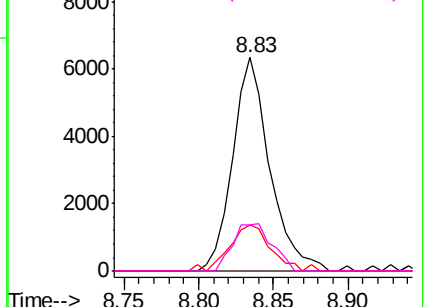


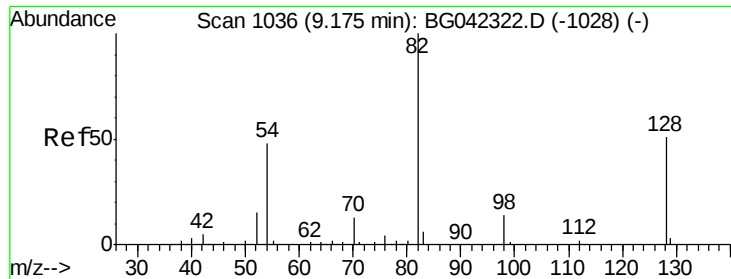
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

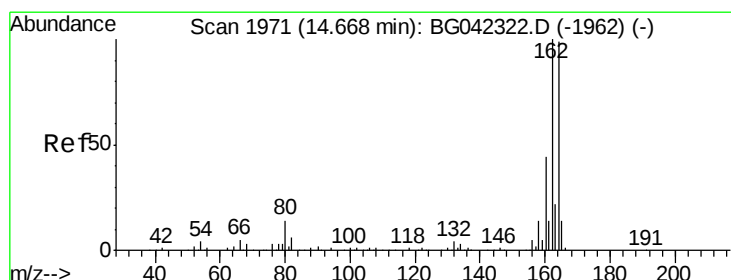
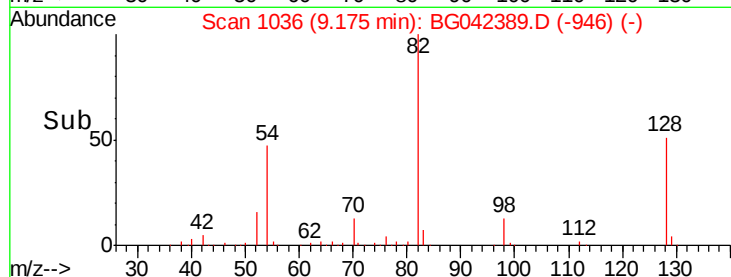
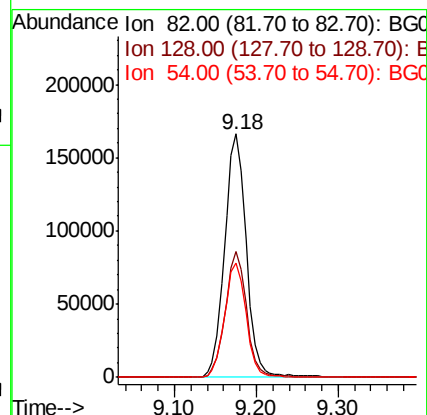
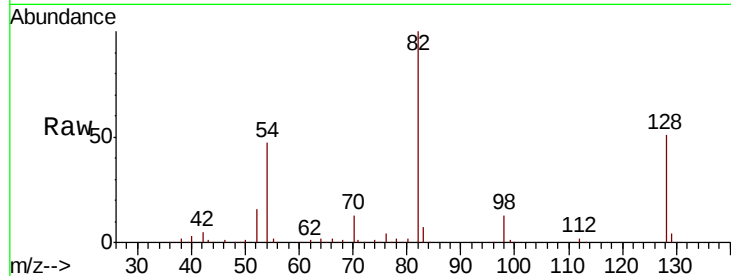




#23
Nitrobenzene-d5
Concen: 91.238 ng
RT: 9.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG042389.D
Acq: 21 Aug 2019 18:42

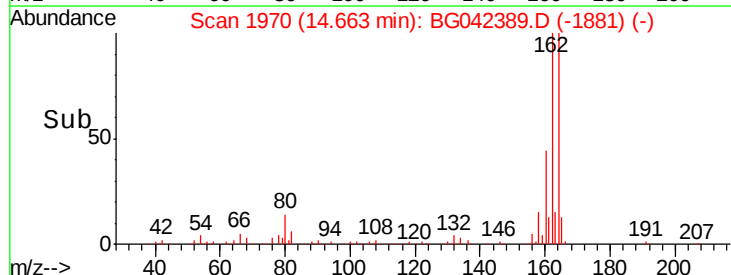
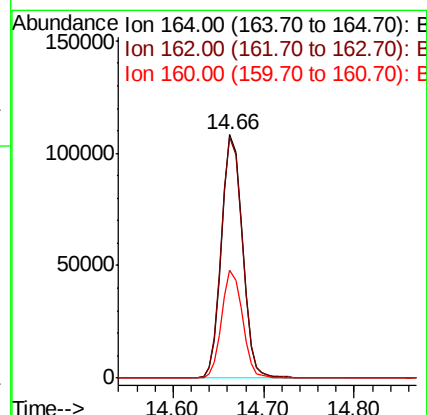
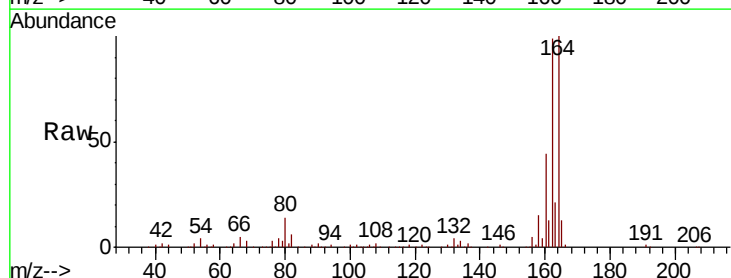
Instrument :
BNA_G
ClientSampled :

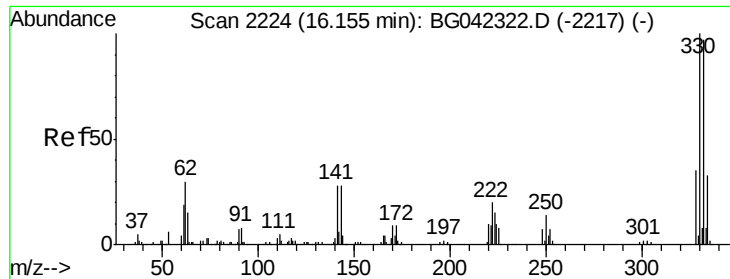
Tot Ion	82	Resp	307545
Ion Ratio	100		
Lower	41.0		
Upper	61.4		
128	51.5		
54	46.8		
	38.0		
	57.0		



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG042389.D
Acq: 21 Aug 2019 18:42

Tgt Ion	164	Resp	173698
Ion Ratio	100		
Lower	80.6		
Upper	120.8		
162	98.8		
160	44.1		
	35.7		
	53.5		

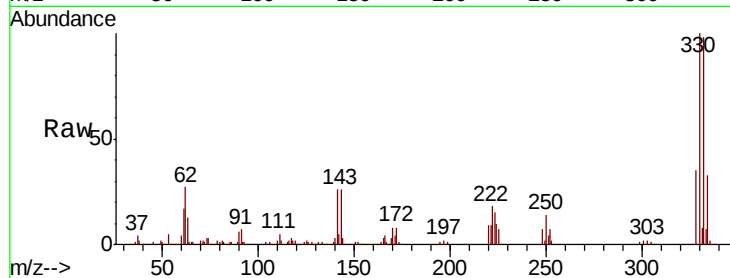




#42
 2,4,6-Tribromophenol
 Concen: 137.172 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. 0.01 min
 Lab File: BG042389.D
 Acq: 21 Aug 2019 18:42

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.9	115.3
141	27.5	21.8	32.6

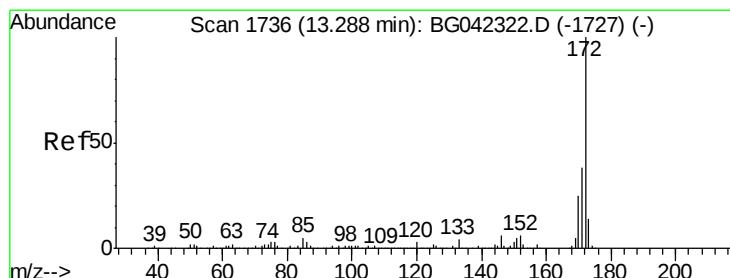
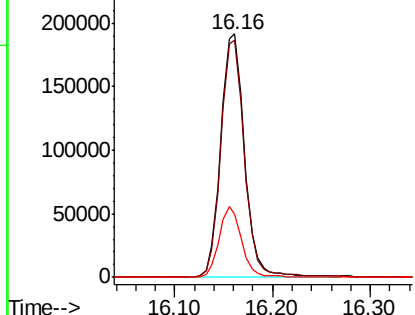
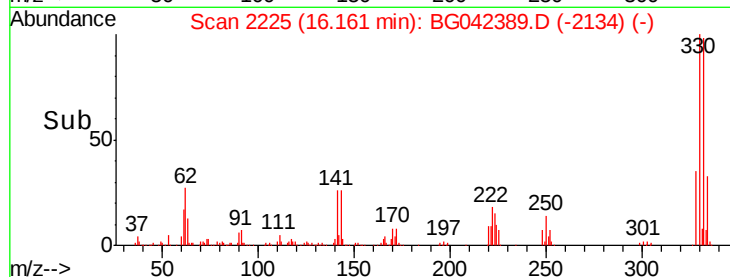


Abundance

Ion 329.80 (329.50 to 330.50): E

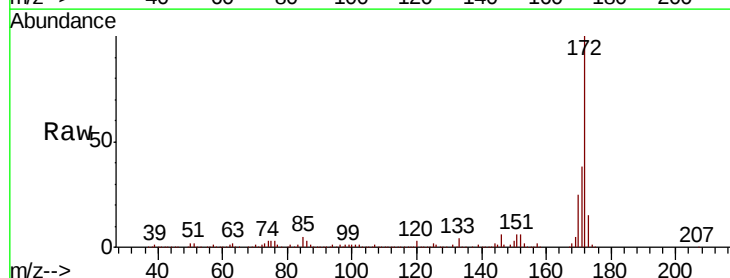
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 93.523 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. 0.00 min
 Lab File: BG042389.D
 Acq: 21 Aug 2019 18:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.3	45.5
170	25.3	20.0	30.0

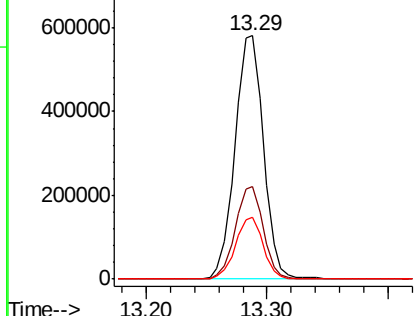
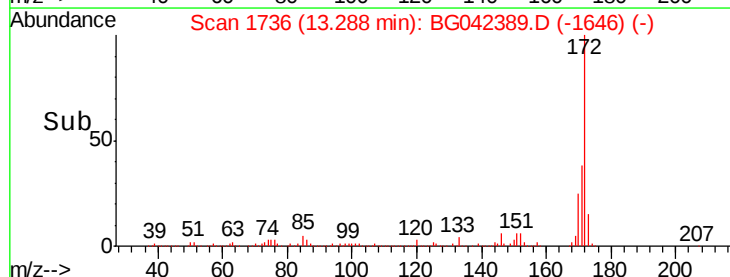


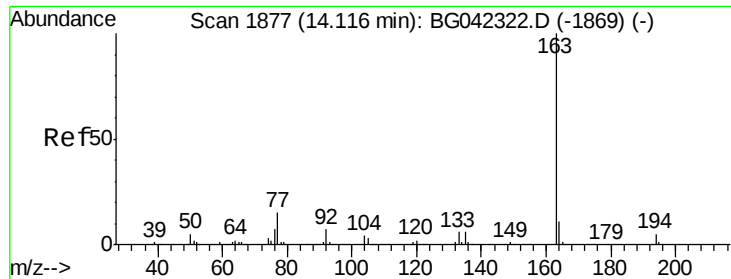
Abundance

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

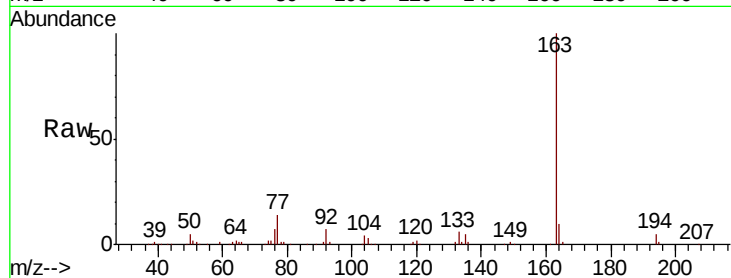




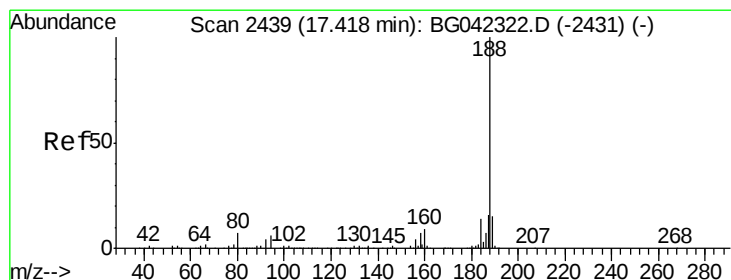
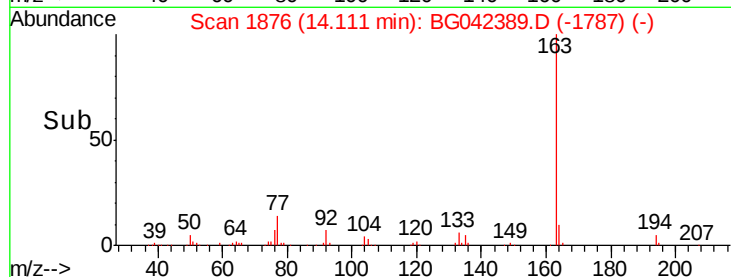
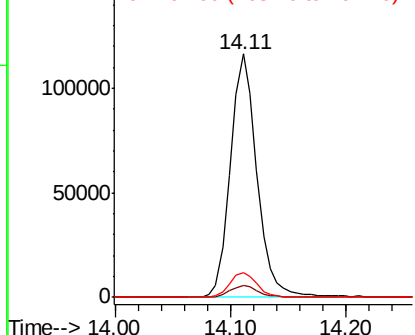
#50
Dimethylphthalate
Concen: 14.990 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG042389.D
Acq: 21 Aug 2019 18:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:163 Resp: 185012
Ion Ratio Lower Upper
163 100
194 4.7 4.2 6.2
164 10.4 8.8 13.2

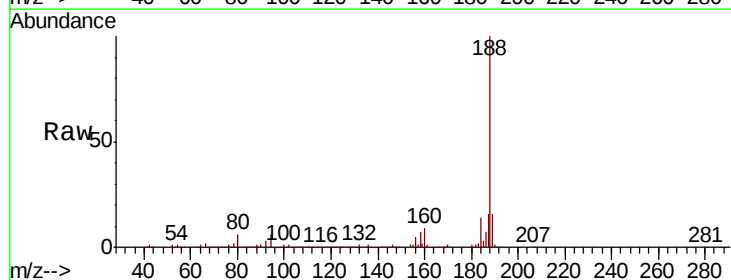


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

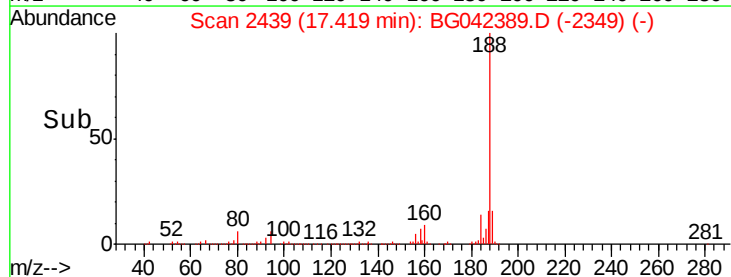
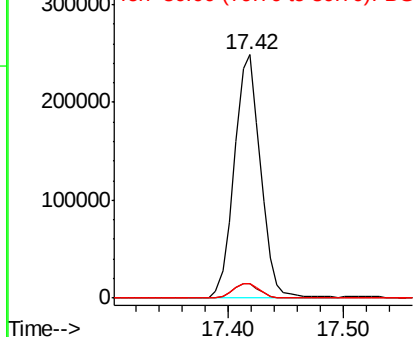


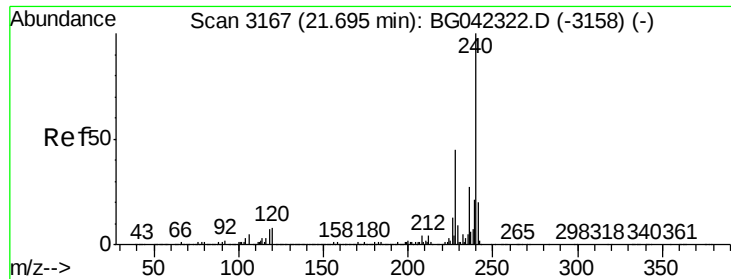
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. 0.00 min
Lab File: BG042389.D
Acq: 21 Aug 2019 18:42

Tgt Ion:188 Resp: 391589
Ion Ratio Lower Upper
188 100
94 5.7 4.9 7.3
80 6.0 5.4 8.0



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

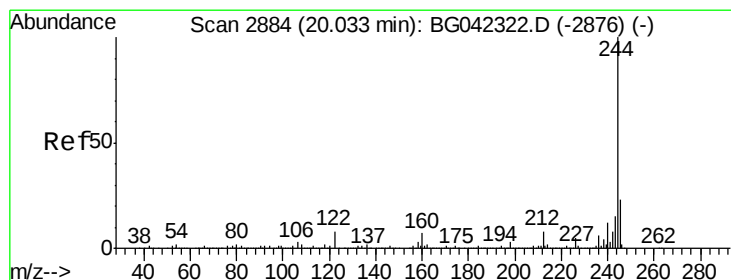
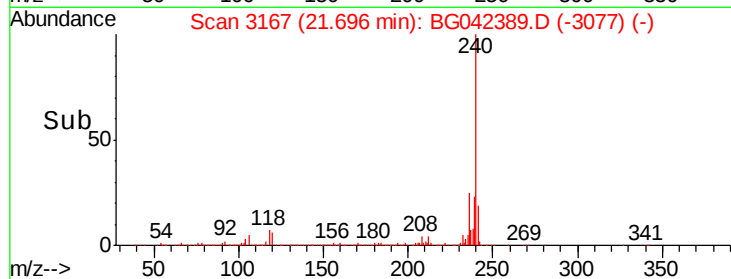
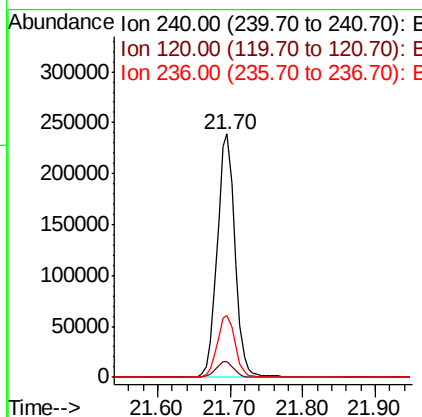
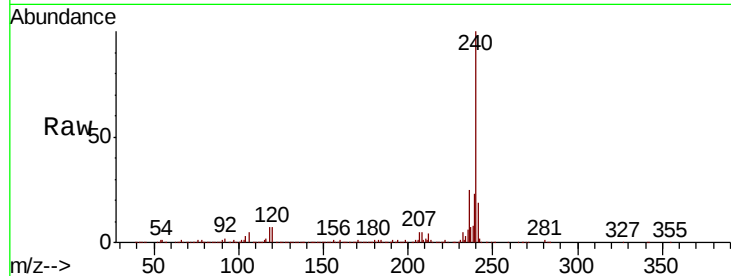




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3167
 Delta R.T. 0.00 min
 Lab File: BG042389.D
 Acq: 21 Aug 2019 18:42

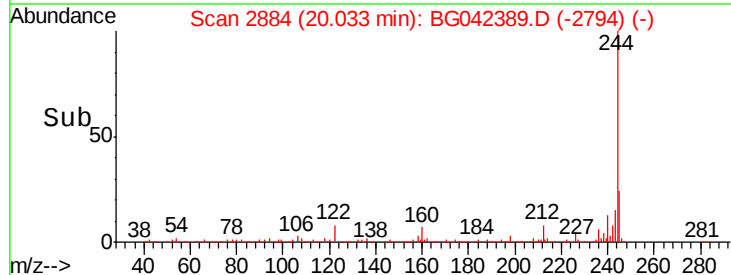
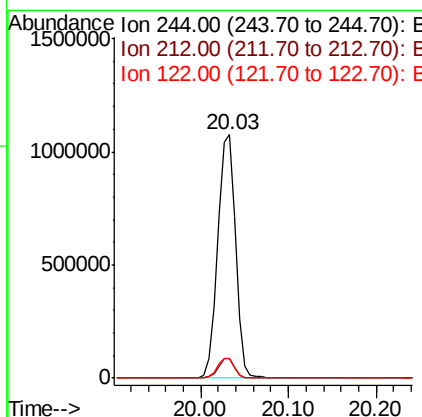
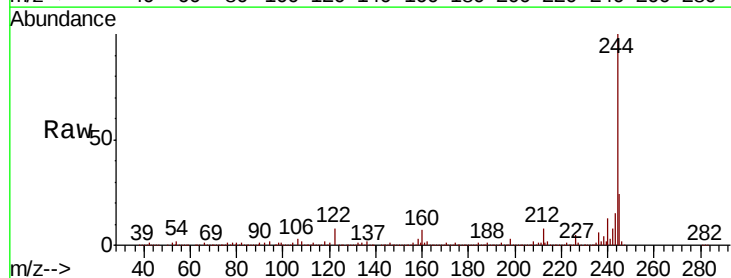
Instrument :
 BNA_G
 ClientSampleId :

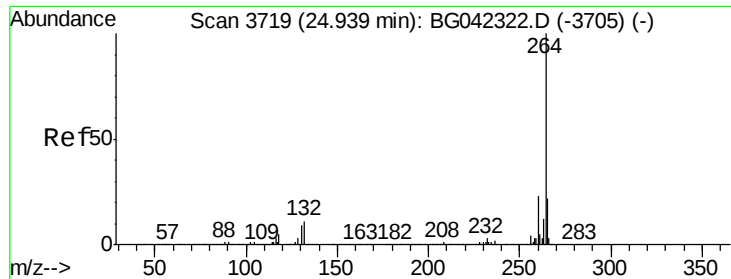
Tot Ion:240 Resp: 407220
 Ion Ratio Lower Upper
 240 100
 120 6.6 6.0 9.0
 236 25.5 21.6 32.4



#79
 Terphenyl-d14
 Concen: 82.427 ng
 RT: 20.03 min Scan# 2884
 Delta R.T. 0.00 min
 Lab File: BG042389.D
 Acq: 21 Aug 2019 18:42

Tgt Ion:244 Resp: 1532500
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.4 9.6
 122 8.0 6.6 10.0





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.94 min Scan# 3719
Delta R.T. 0.00 min
Lab File: BG042389.D
Acq: 21 Aug 2019 18:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.4	27.6
265	21.8	17.4	26.0

