

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 01:23:40 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

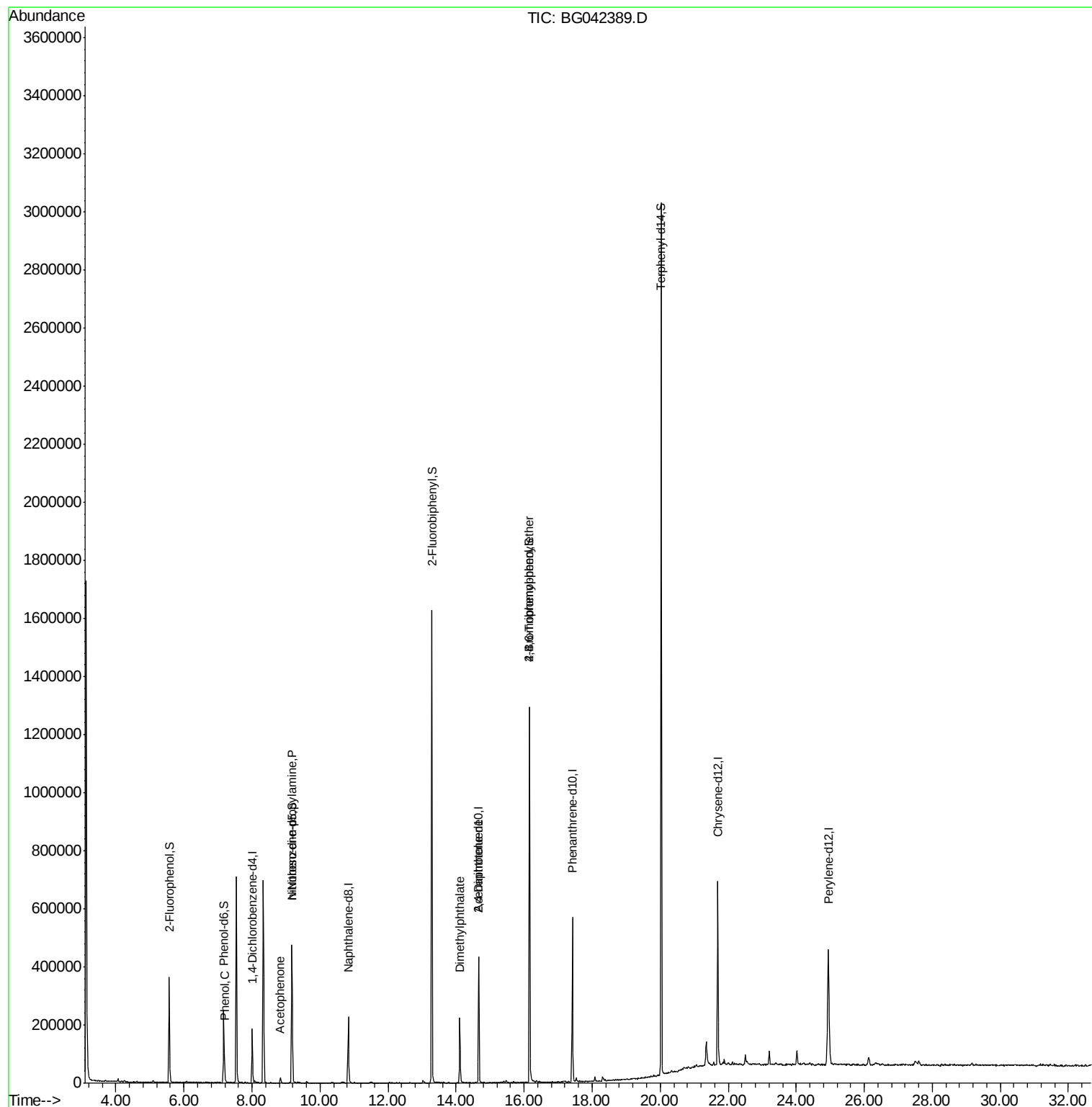
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	60865	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	237078	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	173698	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	391589	20.00	ng	0.00
76) Chrysene-d12	21.70	240	407220	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
19) n-Nitroso-di-n-propylamine	9.18	70	39465	15.039	ng	# 72
22) Acetophenone	8.83	105	10955	2.175	ng	# 98
50) Dimethylphthalate	14.11	163	185012	14.990	ng	98
57) 2,4-Dinitrotoluene	14.66	165	23078	5.714	ng	# 38
67) 4-Bromophenyl-phenylether	16.16	248	22030	4.421	ng	# 1

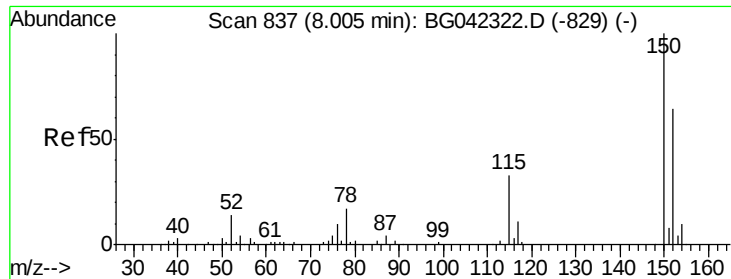
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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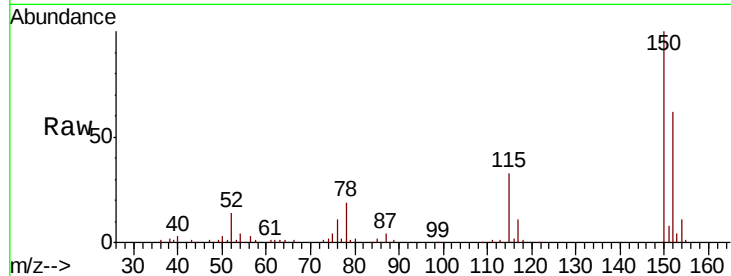


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 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

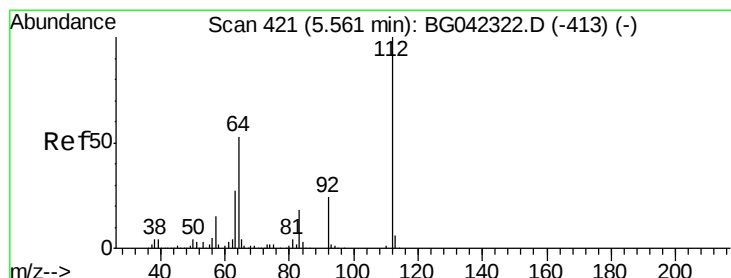
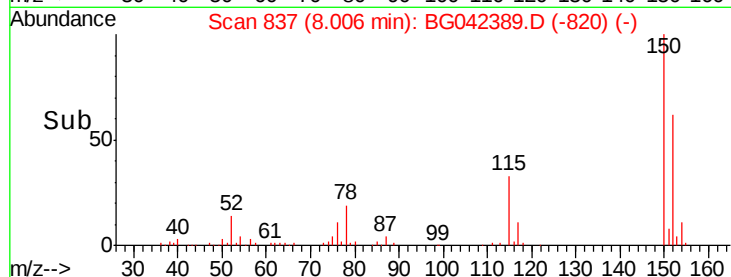
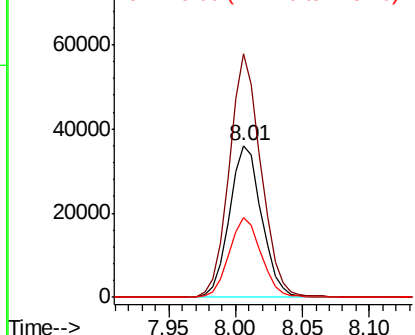


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

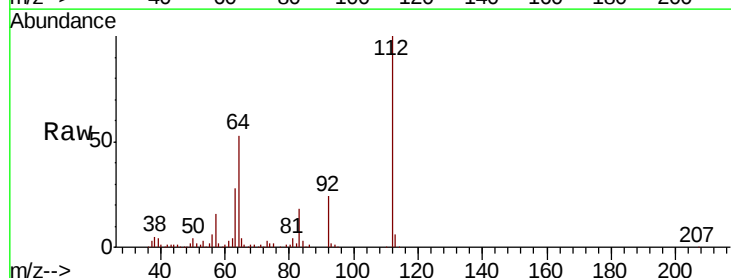
Ion 115.00 (114.70 to 115.70): E



#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

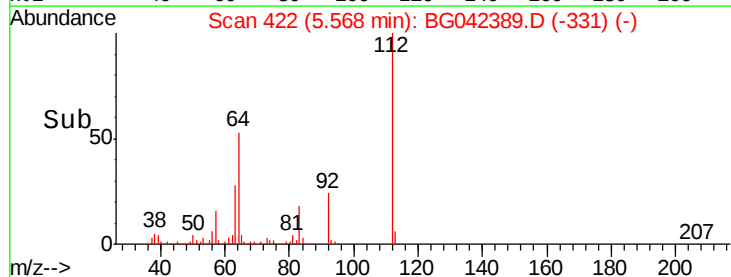
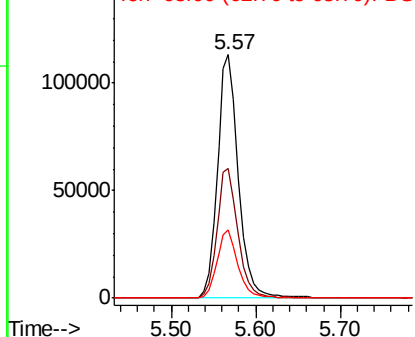


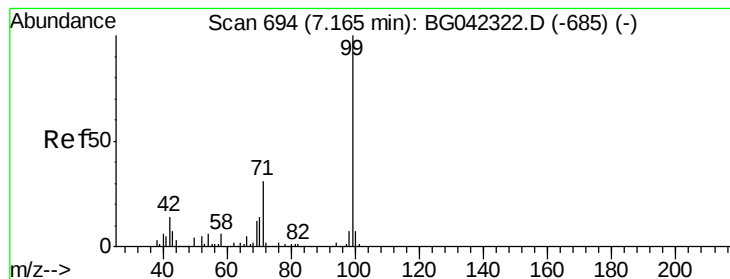
Abundance

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 :

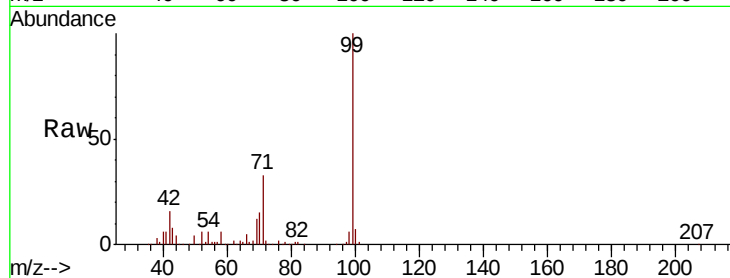
Tot Ion: 99 Resp: 172267

Ion Ratio Lower Upper

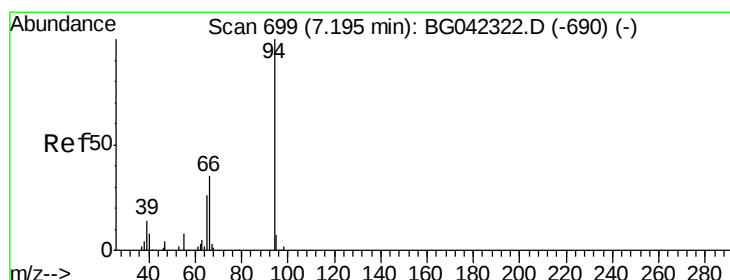
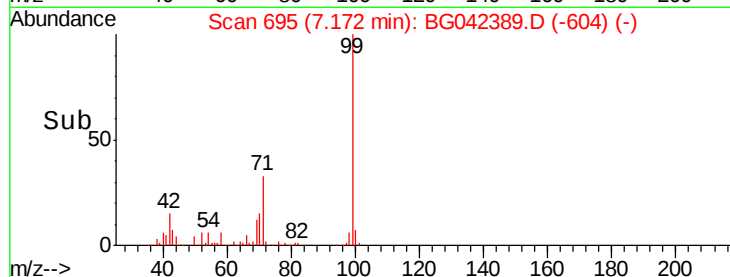
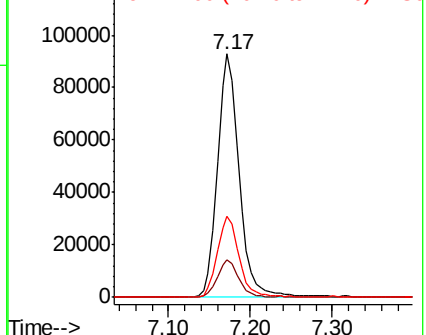
99 100

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

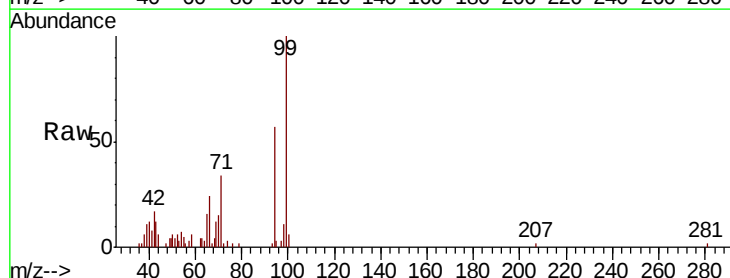
Tgt Ion: 94 Resp: 10358

Ion Ratio Lower Upper

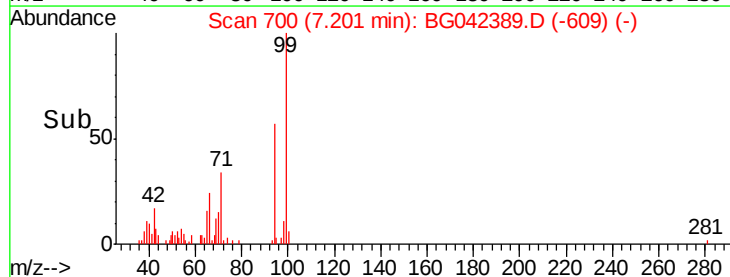
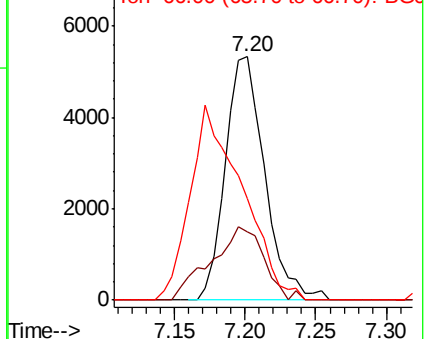
94 100

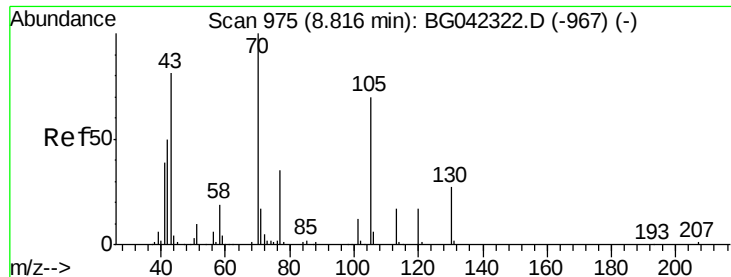
65 28.3 6.1 46.1

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





#19

n-Nitroso-di-n-propylamine

Concen: 15.039 ng

RT: 9.18 min Scan# 1036

Delta R.T. 0.36 min

Lab File: BG042389.D

Acq: 21 Aug 2019 18:42

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 39465

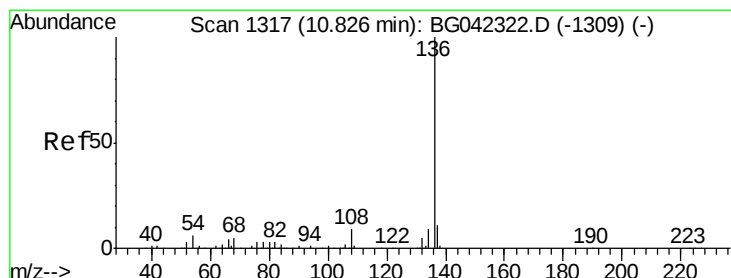
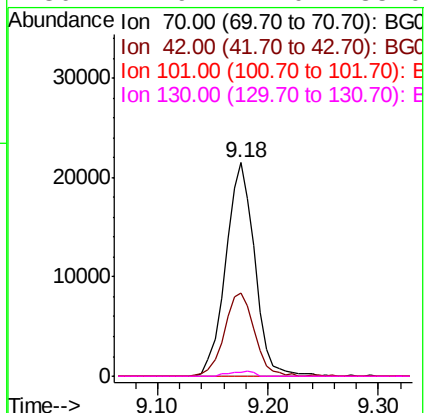
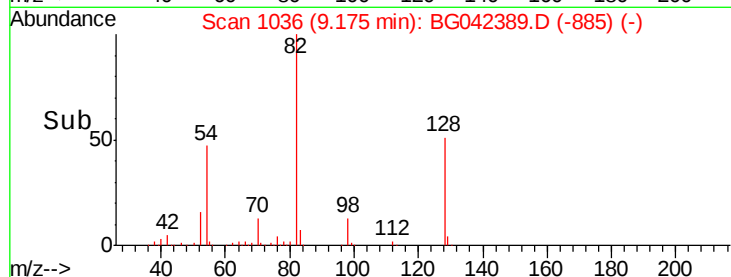
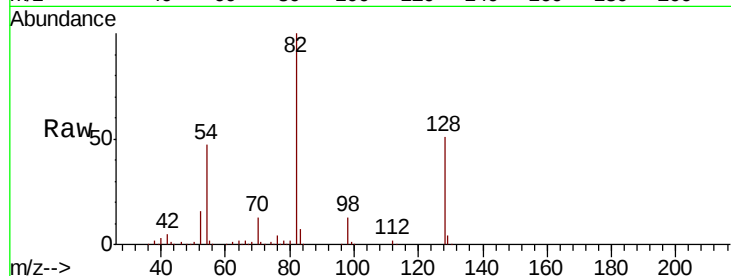
Ion Ratio Lower Upper

70 100

42 39.2 40.5 60.7#

101 0.0 9.3 13.9#

130 1.9 22.0 33.0#



#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

Tgt Ion: 136 Resp: 237078

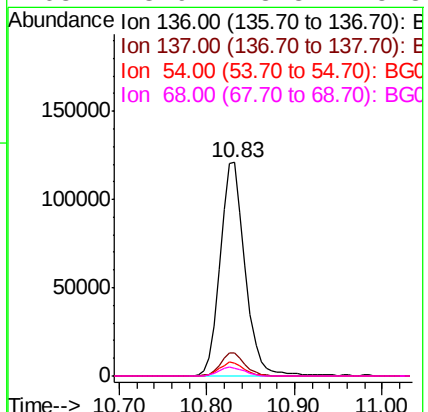
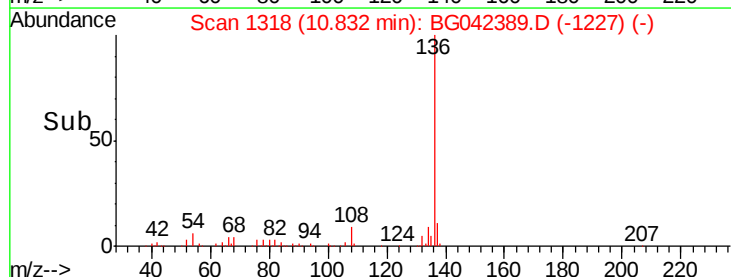
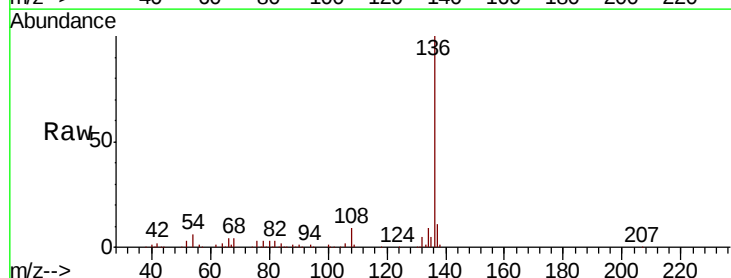
Ion Ratio Lower Upper

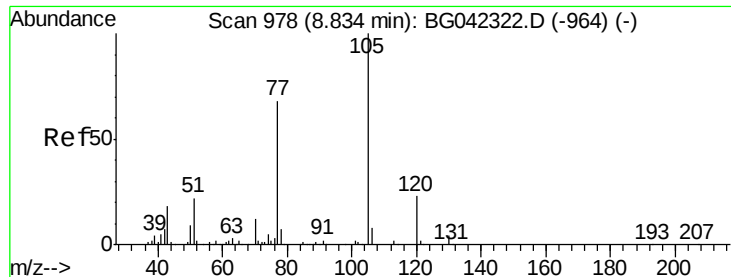
136 100

137 10.9 8.4 12.6

54 6.2 5.0 7.4

68 3.9 3.8 5.8

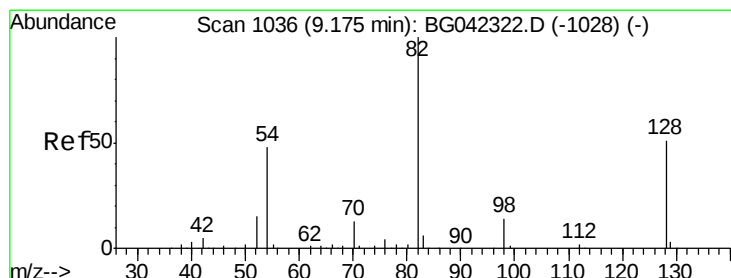
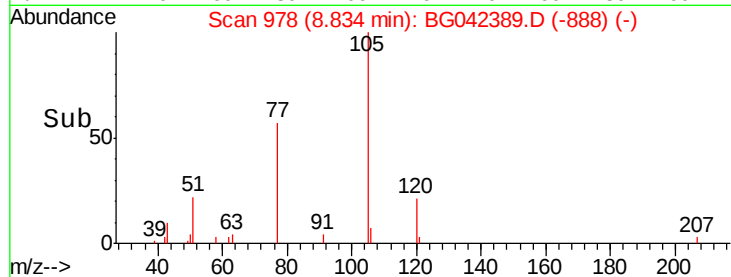
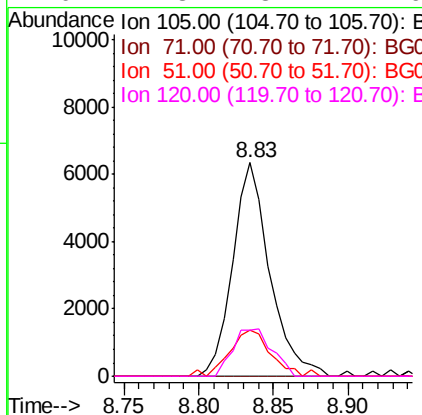
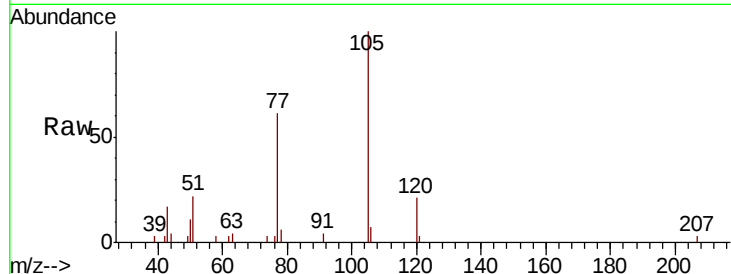




#22
 Acetophenone
 Concen: 2.175 ng
 RT: 8.83 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BG042389.D
 Acq: 21 Aug 2019 18:42

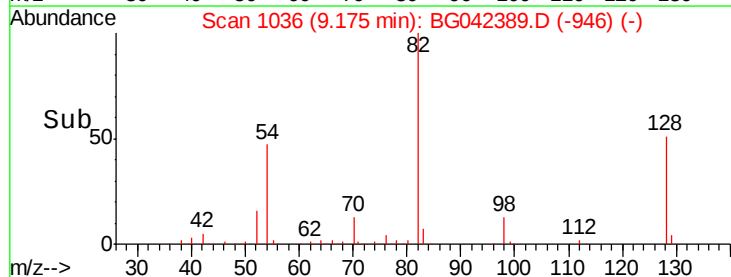
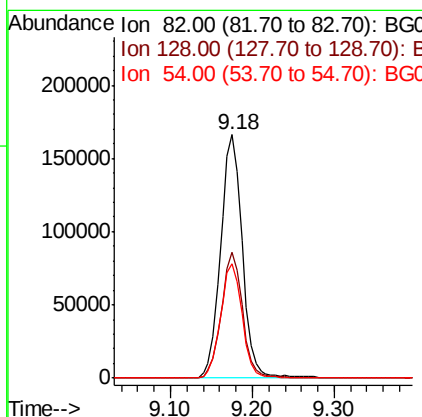
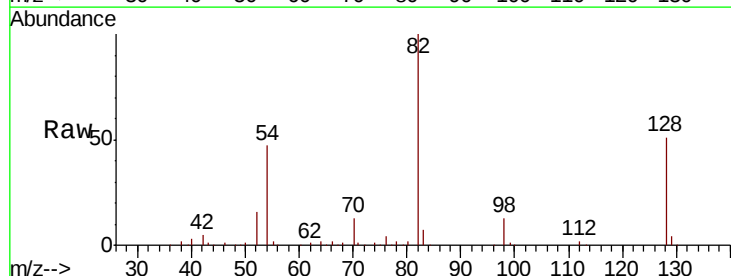
Instrument :
 BNA_G
 ClientSampleId :

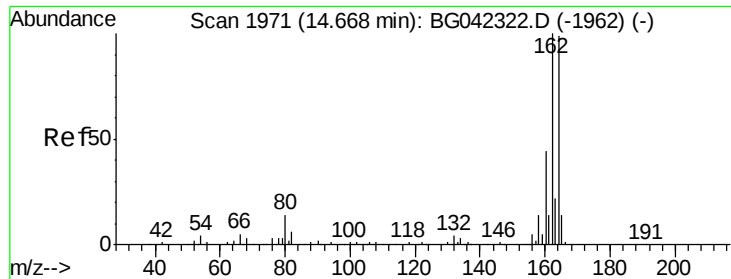
Tot Ion:	105	Resp:	10955
Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.8	2.8#
51	21.6	17.5	26.3
120	21.3	18.4	27.6



#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

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

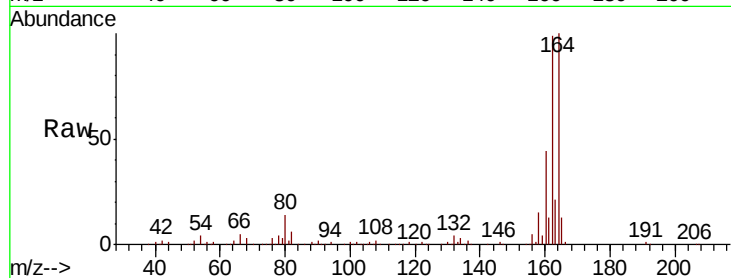




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BG042389.D
 Acq: 21 Aug 2019 18:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.8	80.6	120.8
160	44.1	35.7	53.5

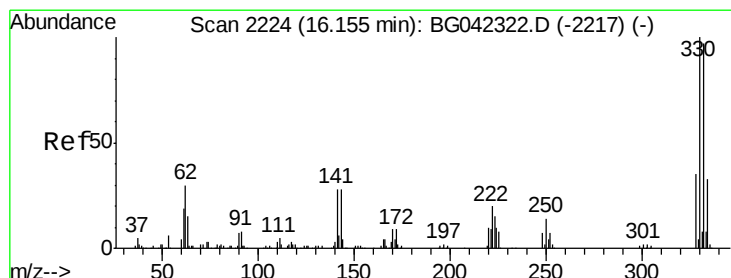
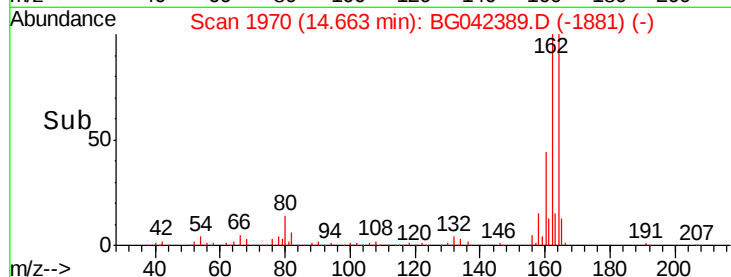
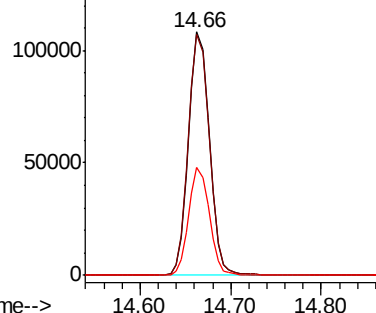


Abundance

Ion 164.00 (163.70 to 164.70): E

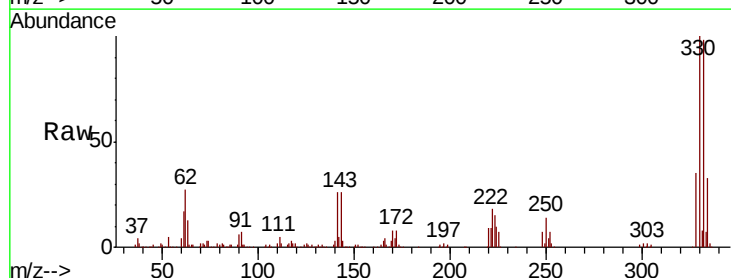
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#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

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

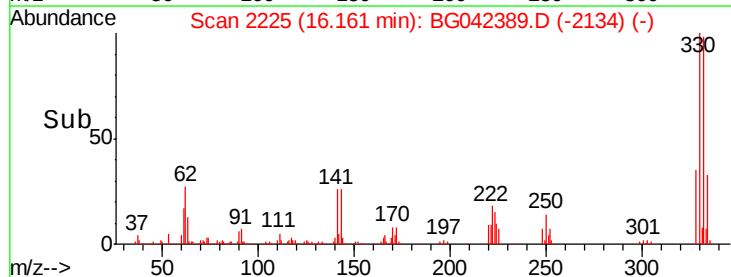
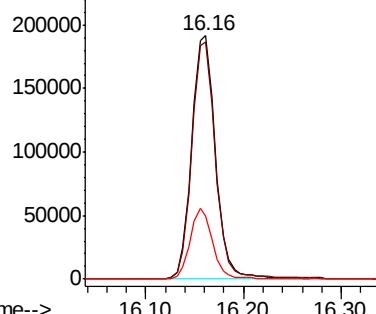


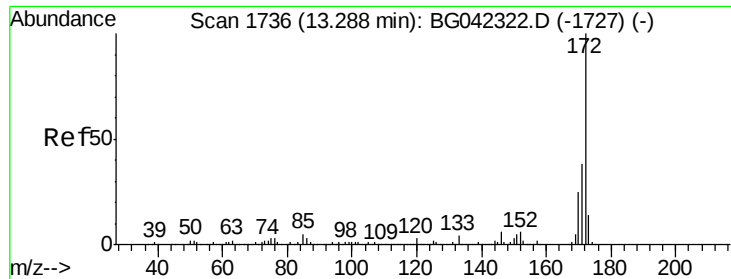
Abundance

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

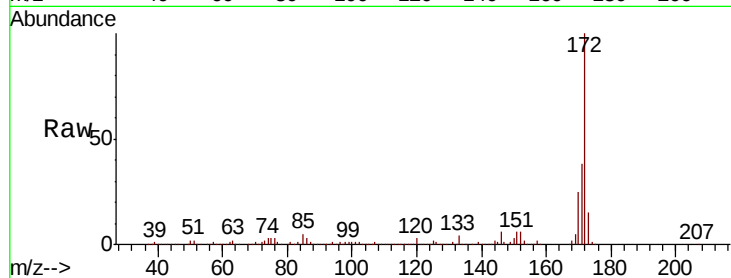




#45
 2-Fluorobiphenyl
 Concen: 93.523 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. 0.00 min
 Lab File: BG042389.D
 Acq: 21 Aug 2019 18:42

Instrument :
 BNA_G
 ClientSampleId :

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

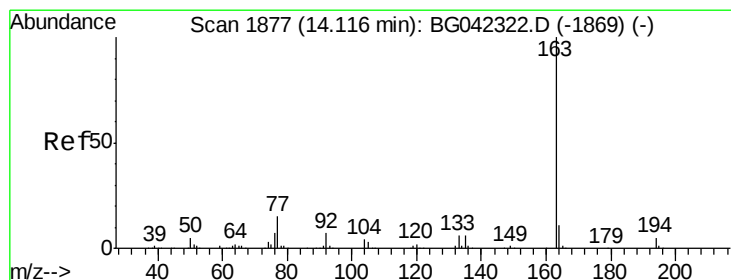
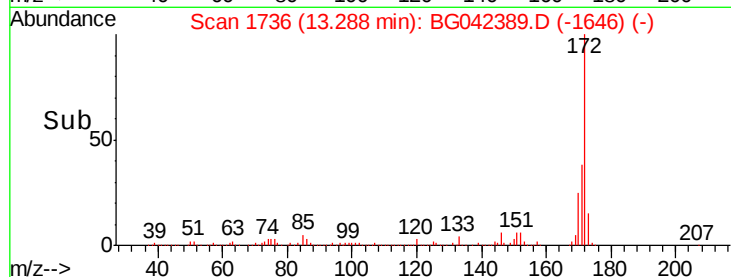
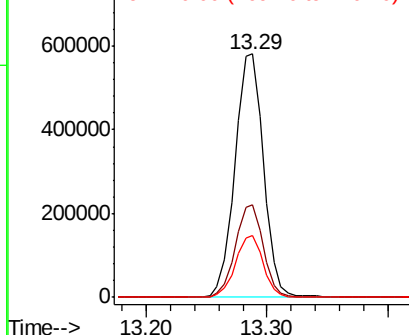


Abundance

Ion 172.00 (171.70 to 172.70): E

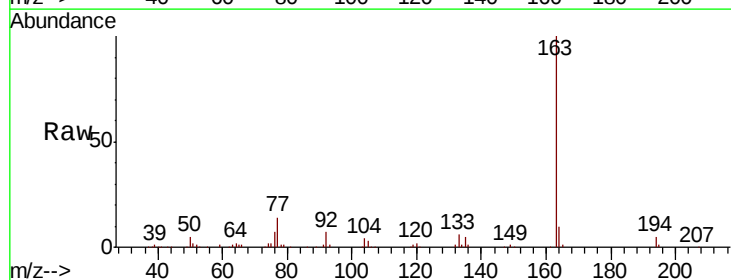
Ion 171.00 (170.70 to 171.70): E

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

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	4.2	6.2
164	10.4	8.8	13.2

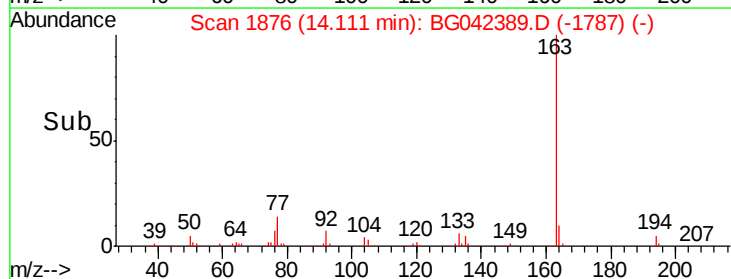
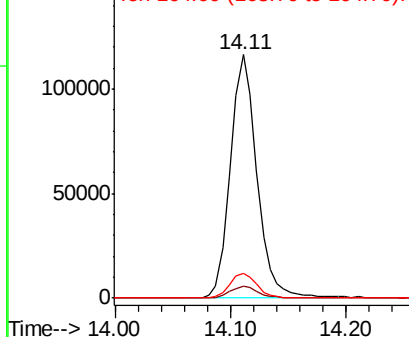


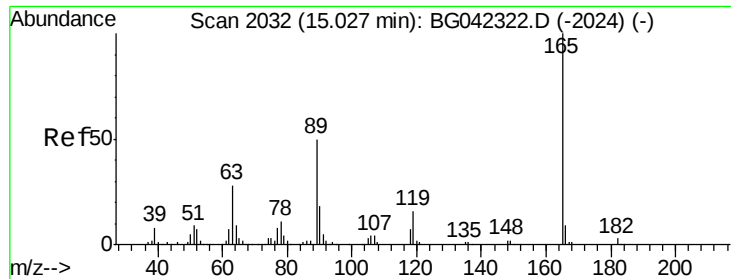
Abundance

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

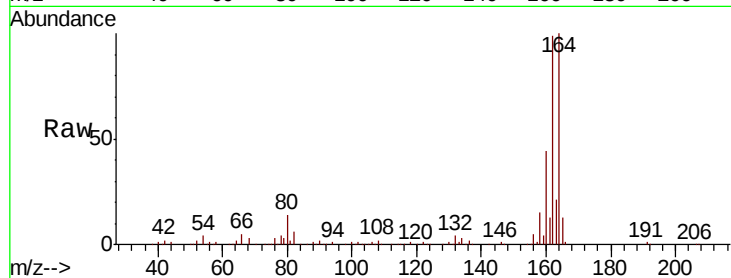




#57
 2,4-Dinitrotoluene
 Concen: 5.714 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.36 min
 Lab File: BG042389.D
 Acq: 21 Aug 2019 18:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	22.4	33.6#
89	1.1	40.2	60.2#
182	0.0	2.6	3.8#

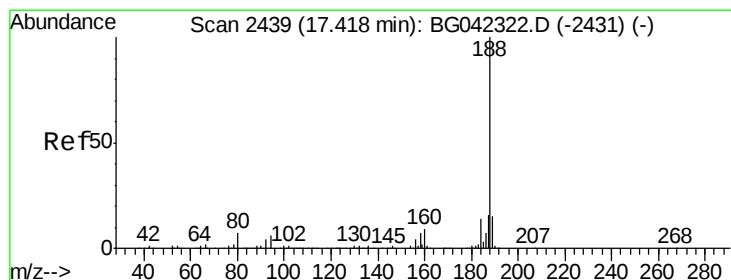
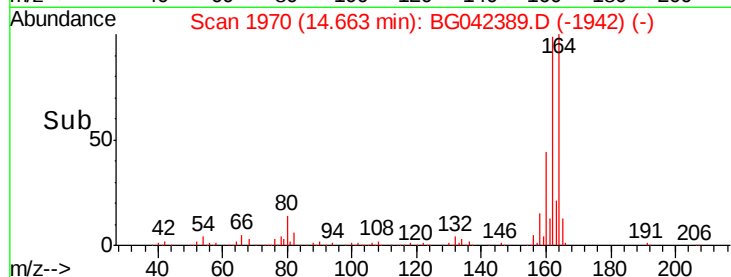
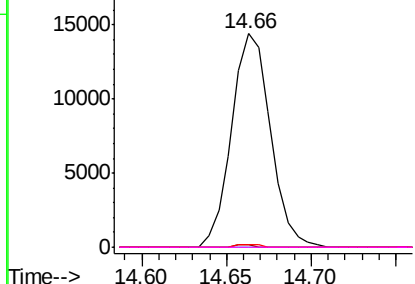


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

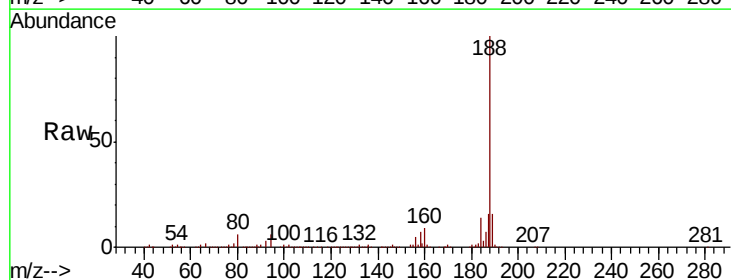
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



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

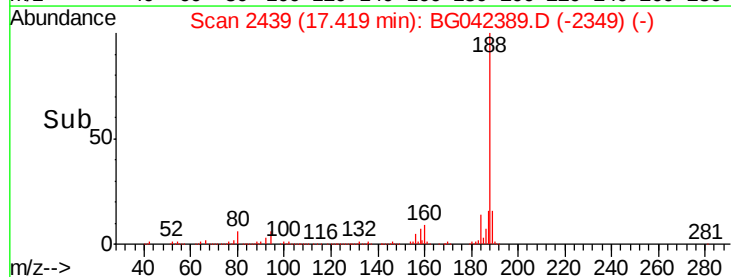
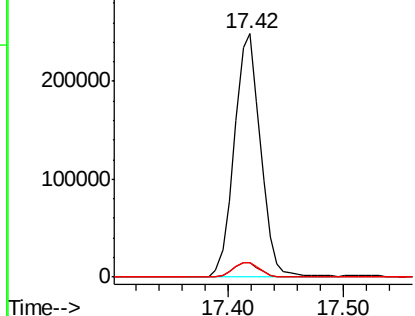
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.7	4.9	7.3
80	6.0	5.4	8.0

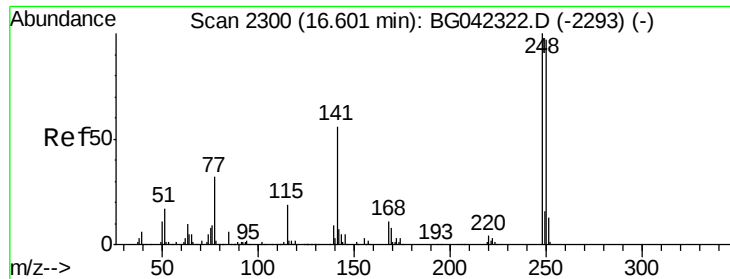


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

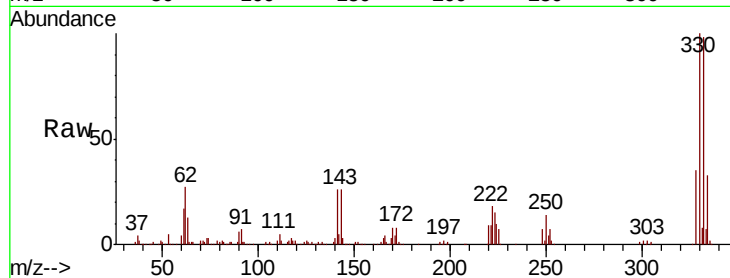




#67
 4-Bromophenyl-phenylether
 Concen: 4.421 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.44 min
 Lab File: BG042389.D
 Acq: 21 Aug 2019 18:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	194.9	78.0	117.0#
141	363.7	44.9	67.3#

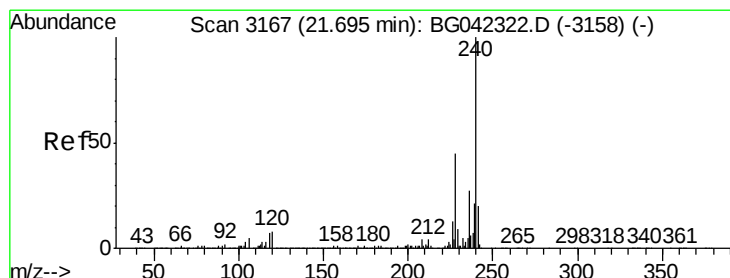
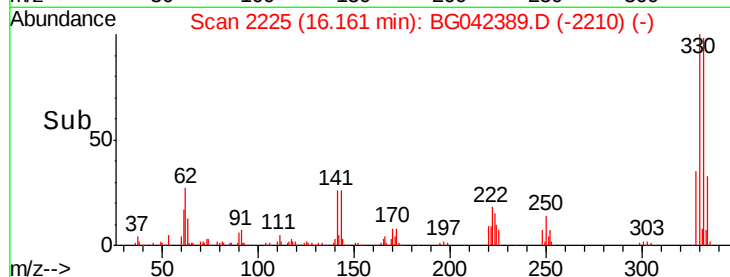
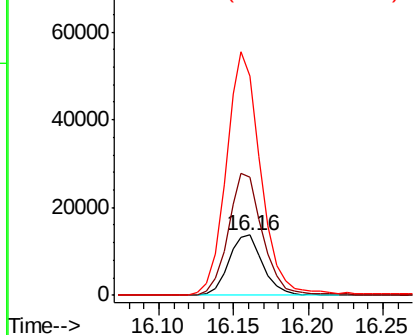


Abundance

Ion 248.00 (247.70 to 248.70): E

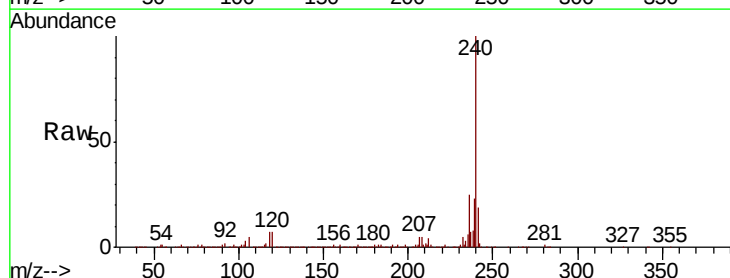
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



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

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.6	6.0	9.0
236	25.5	21.6	32.4

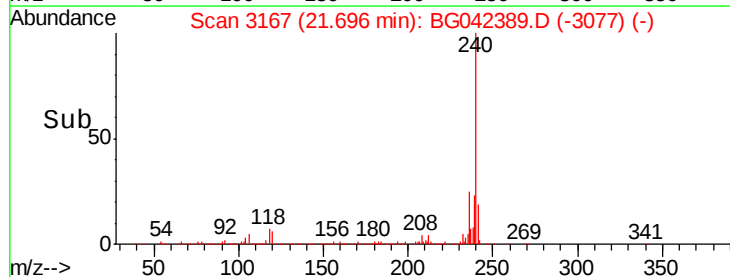
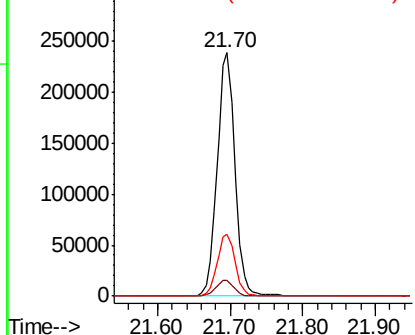


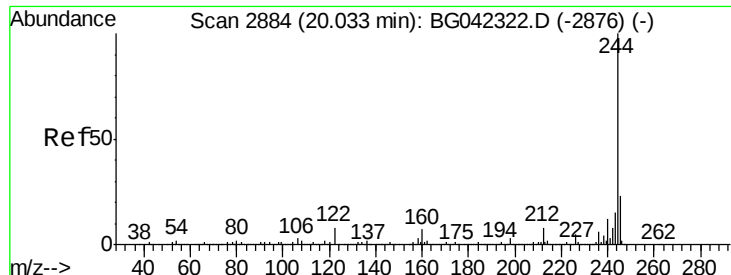
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#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

Instrument :

BNA_G

ClientSampled :

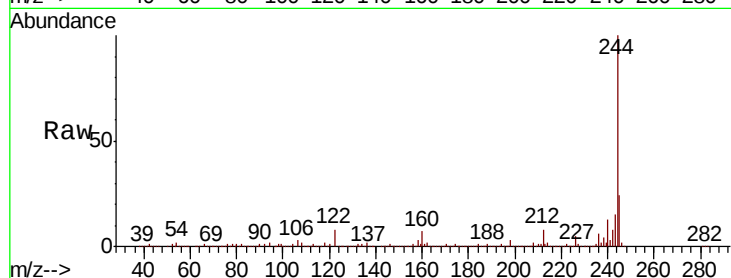
Tot Ion:244 Resp: 1532500

Ion Ratio Lower Upper

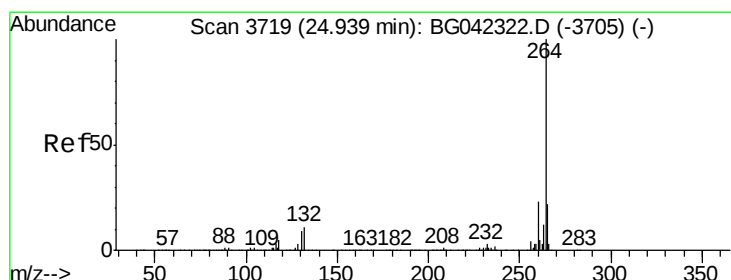
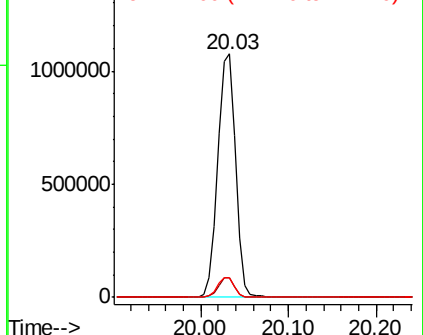
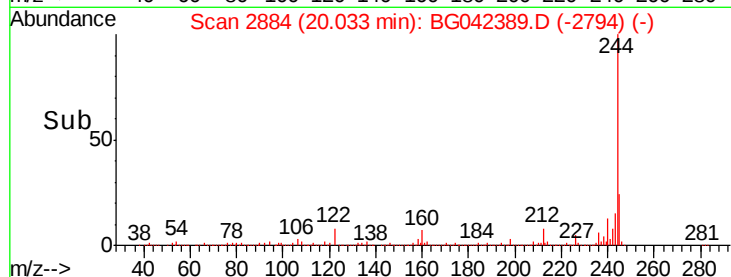
244 100

212 8.1 6.4 9.6

122 8.0 6.6 10.0



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#87

Perylene-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

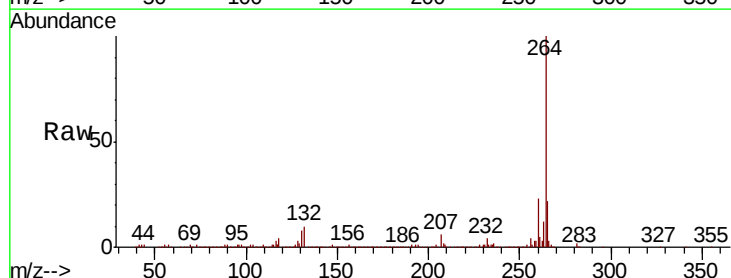
Tgt Ion:264 Resp: 475670

Ion Ratio Lower Upper

264 100

260 23.0 18.4 27.6

265 21.8 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

