

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080119\
 Data File : BG041869.D
 Acq On : 1 Aug 2019 18:47
 Operator : HP/JU
 Sample : K4048-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C2-GW

Quant Time: Aug 02 01:33:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 08:57:26 2019
 Response via : Initial Calibration

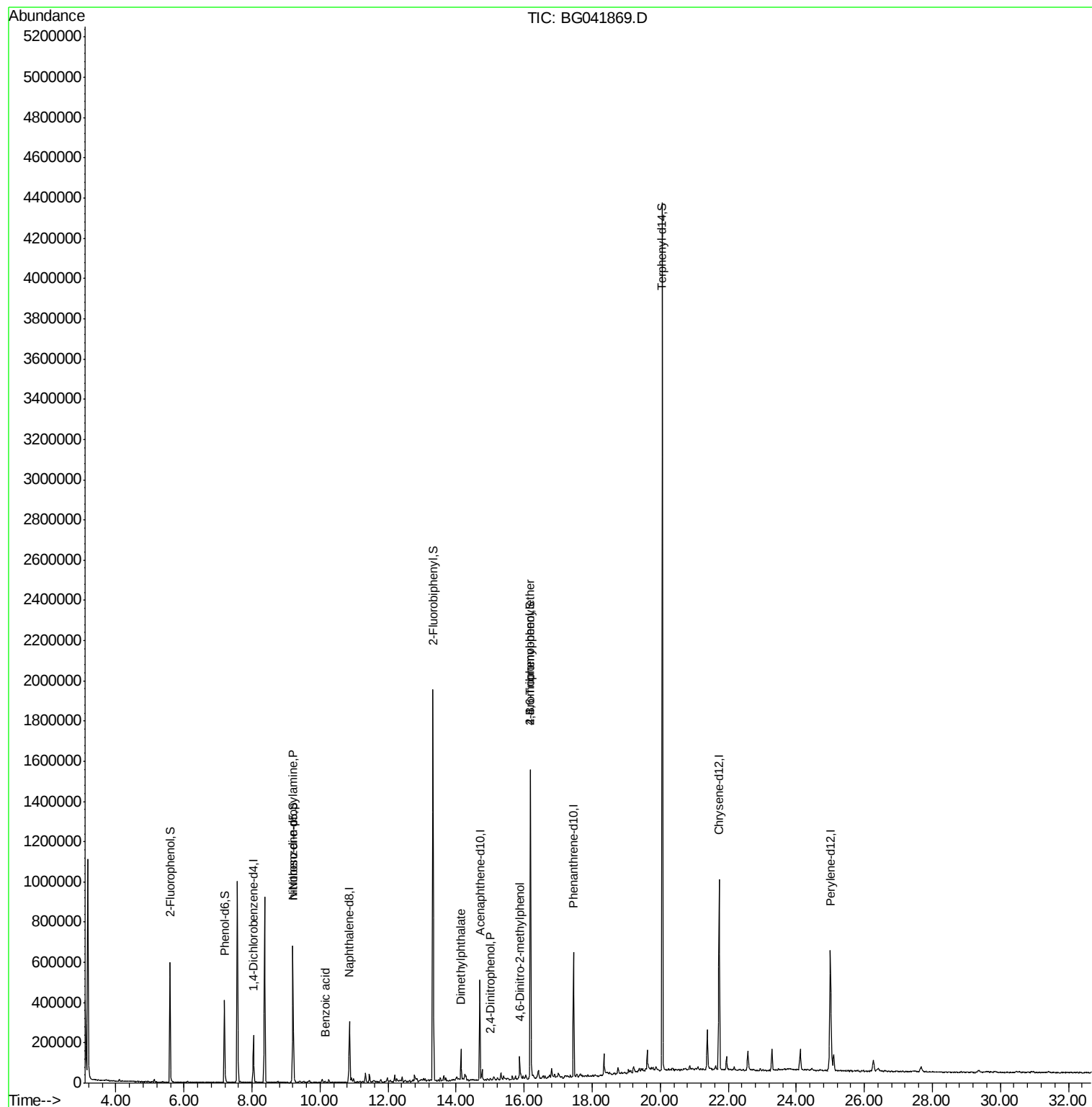
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	72754	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	270632	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	182552	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	417363	20.00	ng	0.00
76) Chrysene-d12	21.73	240	576521	20.00	ng	0.00
87) Perylene-d12	25.00	264	687936	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	273087	73.03	ng	0.00
7) Phenol-d6	7.19	99	238329	47.28	ng	0.00
23) Nitrobenzene-d5	9.20	82	419779	106.74	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	319471	154.07	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1085477	104.87	ng	0.00
79) Terphenyl-d14	20.06	244	1988476	78.92	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	55956	15.288	ng	Qvalue # 66
32) Benzoic acid	10.16	122	73	8.753	ng	93
50) Dimethylphthalate	14.14	163	111746	8.963	ng	97
54) 2,4-Dinitrophenol	15.00	184	120	3.357	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.89	198	178	6.927	ng	# 1
67) 4-Bromophenyl-phenylether	16.19	248	23974	4.663	ng	# 1

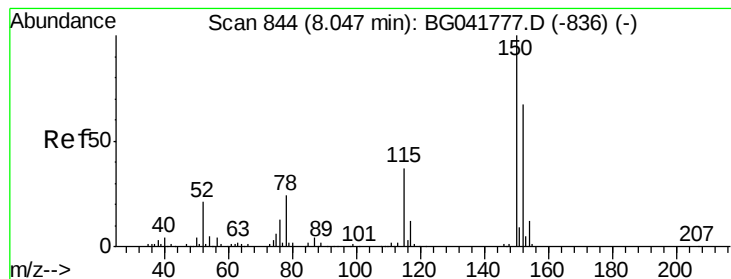
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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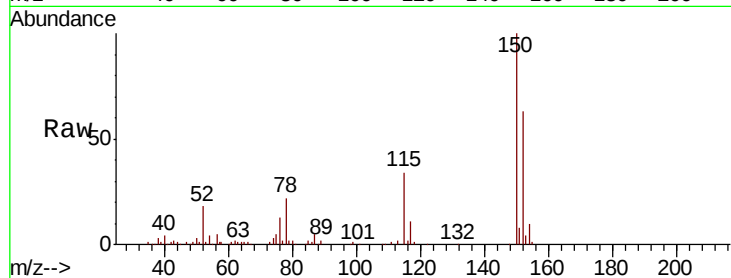




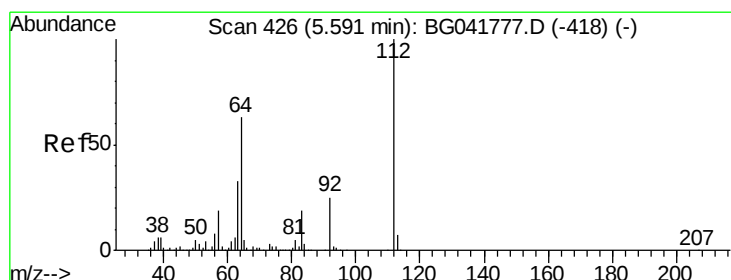
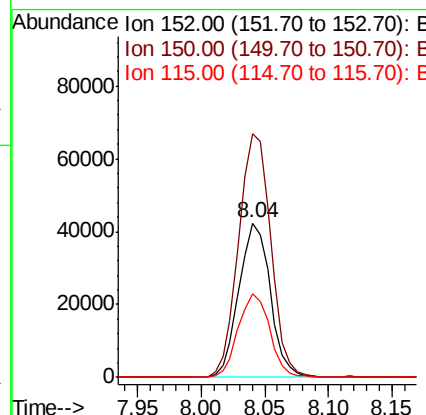
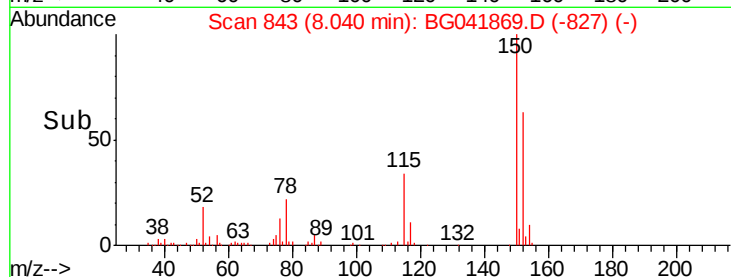
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BG041869.D
 Acq: 1 Aug 2019 18:47

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C2-GW

Tgt Ion:152 Resp: 72754
 Ion Ratio Lower Upper
 152 100
 150 158.0 126.9 190.3
 115 54.1 45.0 67.6

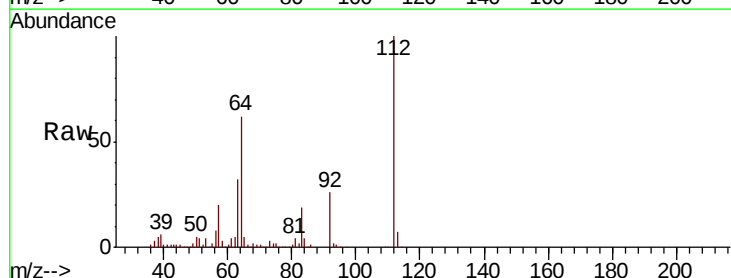


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

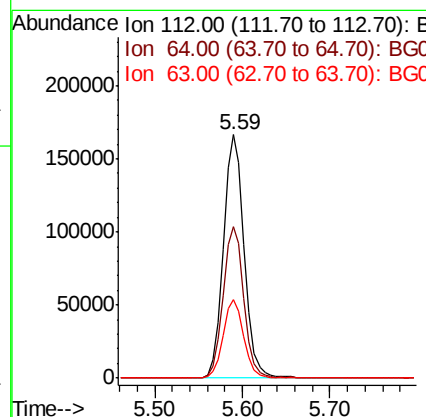
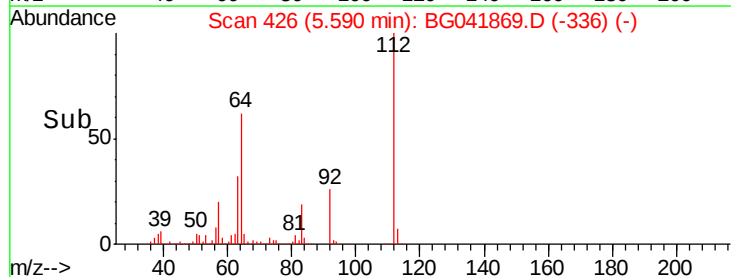


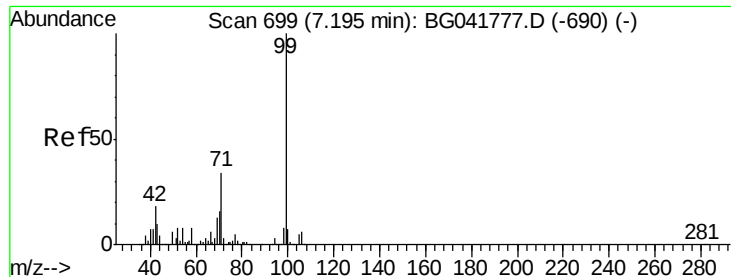
#5
 2-Fluorophenol
 Concen: 73.030 ng
 RT: 5.59 min Scan# 426
 Delta R.T. -0.00 min
 Lab File: BG041869.D
 Acq: 1 Aug 2019 18:47

Tgt Ion:112 Resp: 273087
 Ion Ratio Lower Upper
 112 100
 64 62.3 55.4 83.2
 63 32.4 29.1 43.7



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: 47.276 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG041869.D

Acq: 1 Aug 2019 18:47

Instrument :

BNA_F

ClientSampleId :

OWL-C2-GW

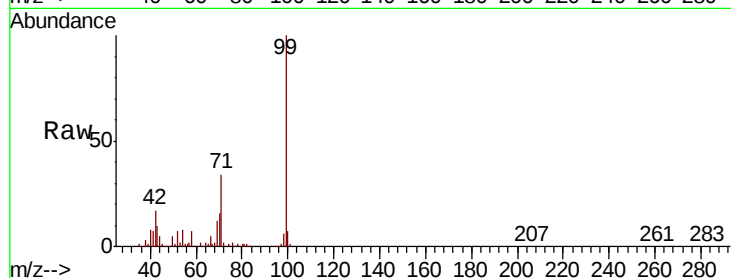
Tgt Ion: 99 Resp: 238329

Ion Ratio Lower Upper

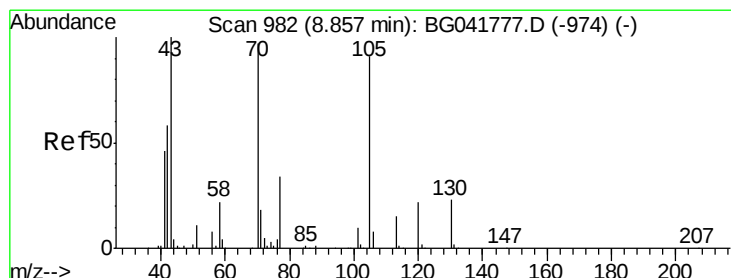
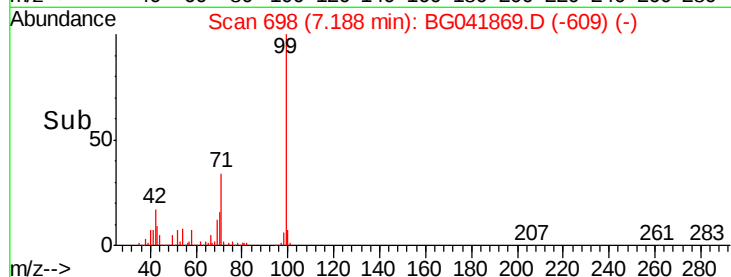
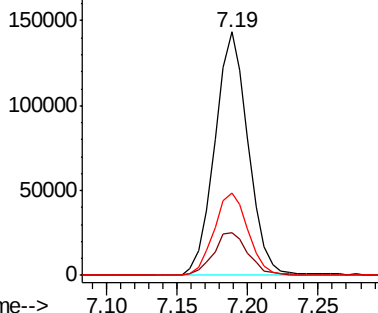
99 100

42 17.5 17.6 26.4#

71 34.0 27.8 41.6



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.288 ng

RT: 9.20 min Scan# 1041

Delta R.T. 0.35 min

Lab File: BG041869.D

Acq: 1 Aug 2019 18:47

Tgt Ion: 70 Resp: 55956

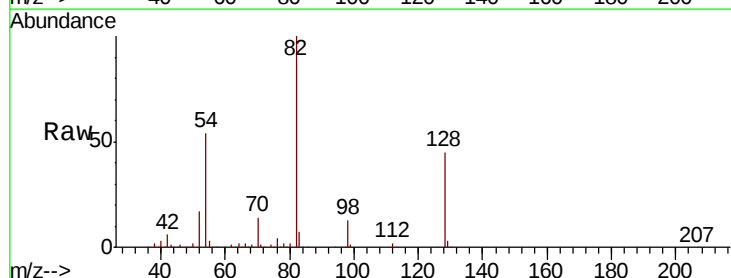
Ion Ratio Lower Upper

70 100

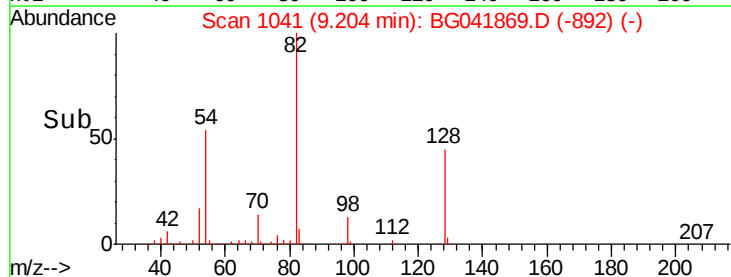
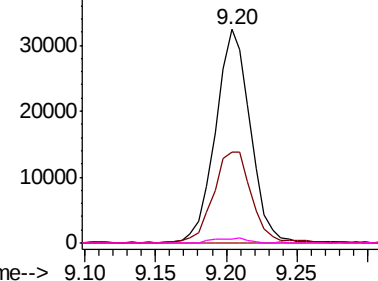
42 42.6 55.8 83.6#

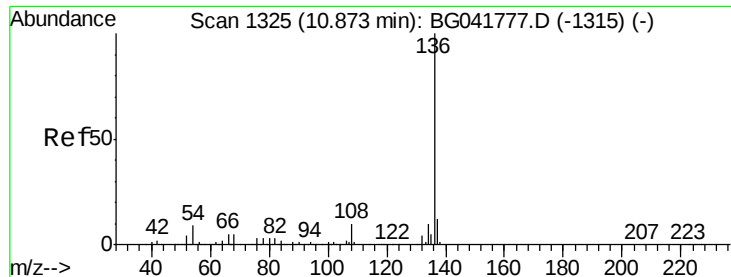
101 0.0 8.1 12.1#

130 2.0 17.3 25.9#



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

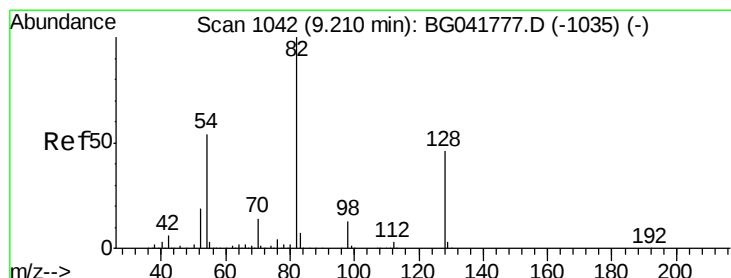
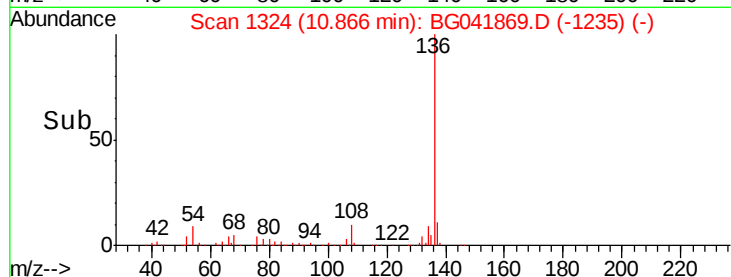
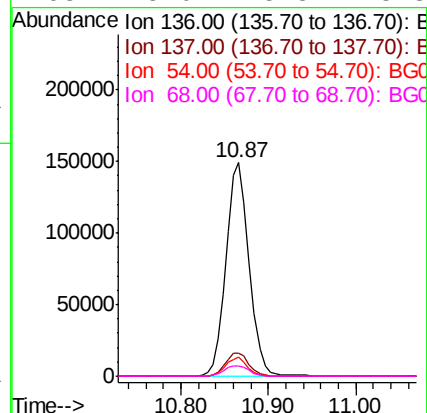
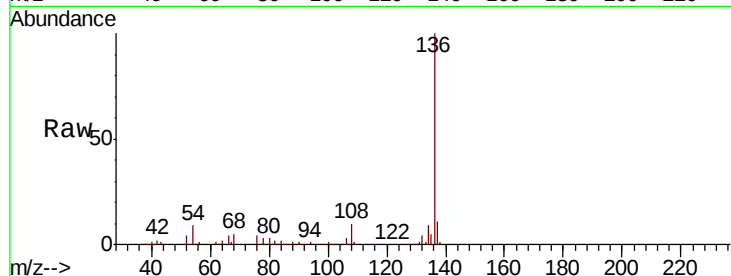




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG041869.D
Acq: 1 Aug 2019 18:47

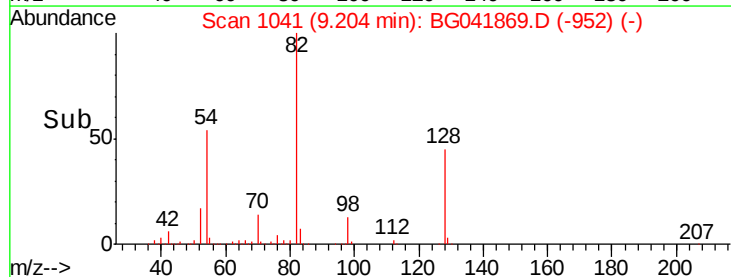
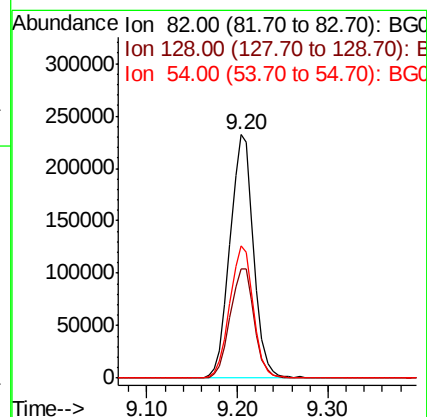
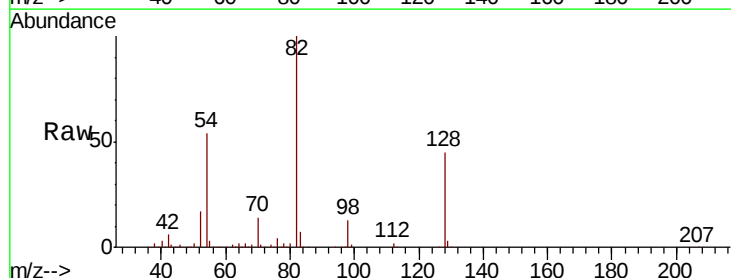
Instrument :
BNA_F
ClientSampleId :
OWL-C2-GW

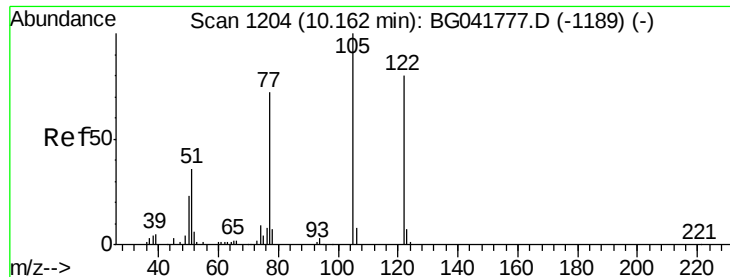
Tgt Ion:	136	Resp:	270632
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	9.0	8.7	13.1
68	5.0	5.5	8.3#



#23
Nitrobenzene-d5
Concen: 106.741 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG041869.D
Acq: 1 Aug 2019 18:47

Tgt Ion:	82	Resp:	419779
Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.1	52.7
54	54.2	48.7	73.1

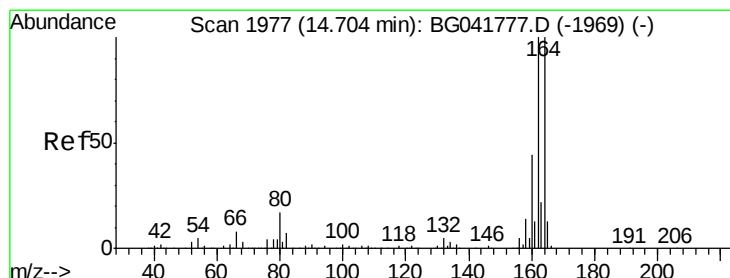
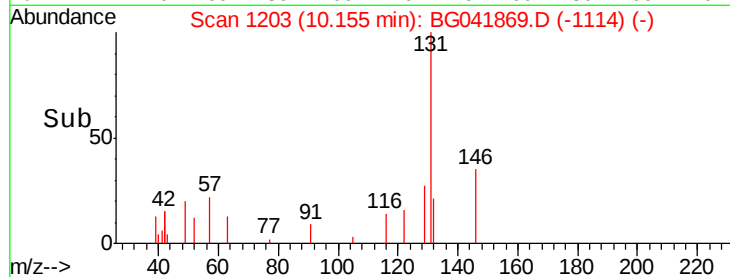
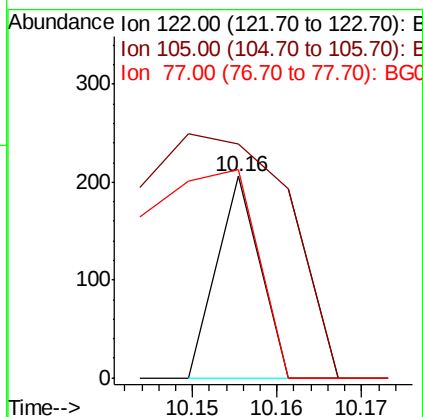
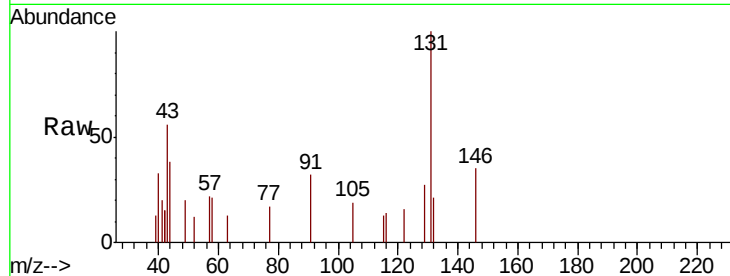




#32
Benzoic acid
Concen: 8.753 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BG041869.D
Acq: 1 Aug 2019 18:47

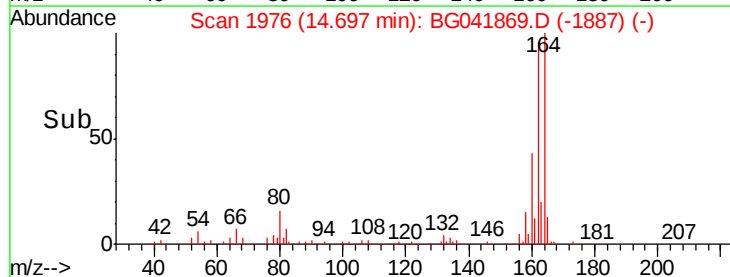
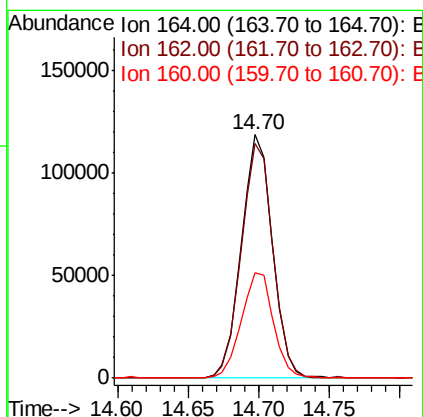
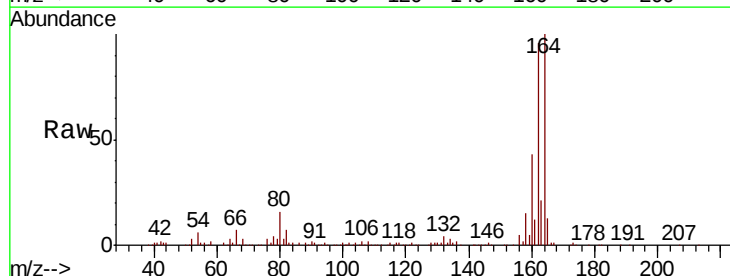
Instrument :
BNA_F
ClientSampleId :
OWL-C2-GW

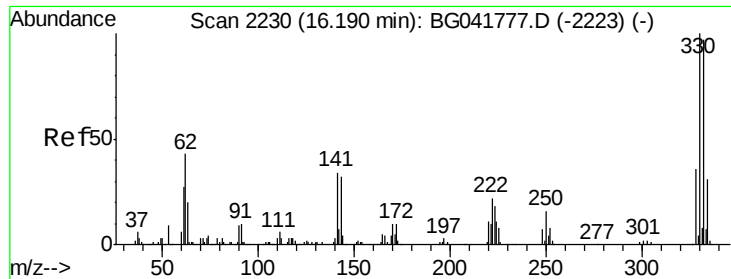
Tgt Ion:122 Resp: 73
Ion Ratio Lower Upper
122 100
105 116.0 101.5 141.5
77 103.4 73.0 113.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG041869.D
Acq: 1 Aug 2019 18:47

Tgt Ion:164 Resp: 182552
Ion Ratio Lower Upper
164 100
162 96.4 79.6 119.4
160 43.4 35.4 53.0

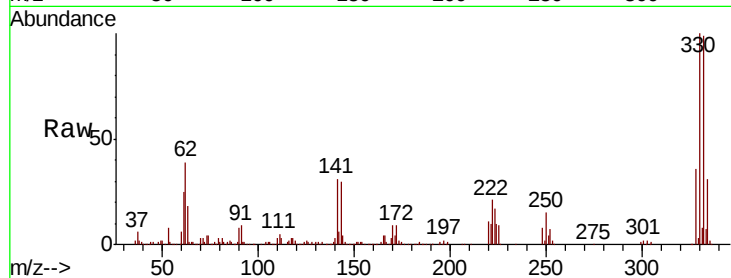




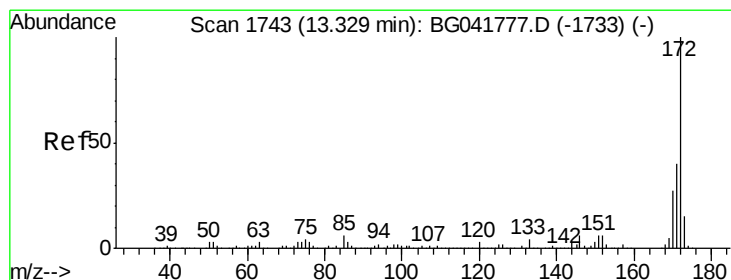
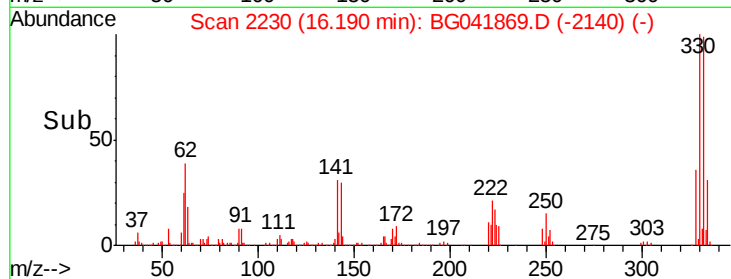
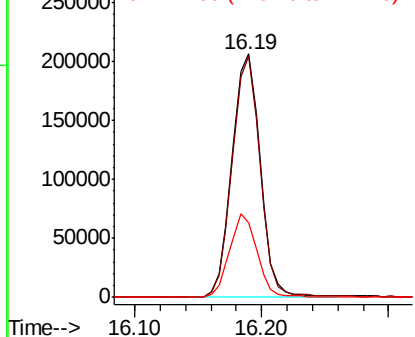
#42
 2,4,6-Tribromophenol
 Concen: 154.070 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. -0.00 min
 Lab File: BG041869.D
 Acq: 1 Aug 2019 18:47

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C2-GW

Tgt Ion:330 Resp: 319471
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.4 116.0
 141 33.7 31.9 47.9

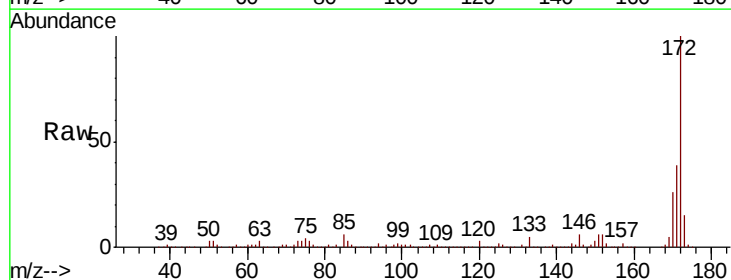


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

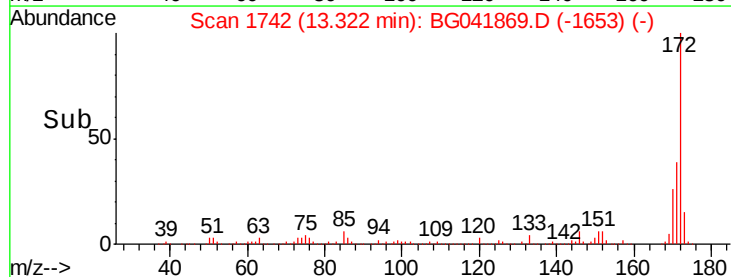
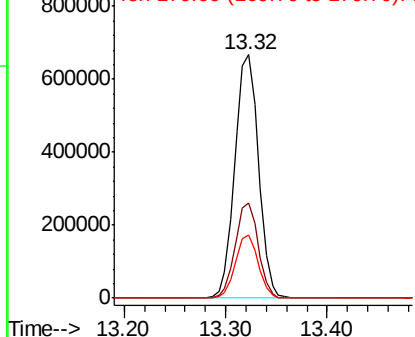


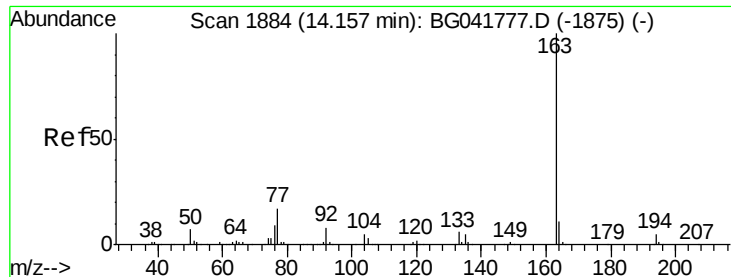
#45
 2-Fluorobiphenyl
 Concen: 104.873 ng
 RT: 13.32 min Scan# 1742
 Delta R.T. -0.01 min
 Lab File: BG041869.D
 Acq: 1 Aug 2019 18:47

Tgt Ion:172 Resp: 1085477
 Ion Ratio Lower Upper
 172 100
 171 39.2 35.0 52.4
 170 26.1 23.5 35.3



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: 8.963 ng

RT: 14.14 min Scan# 1882

Delta R.T. -0.01 min

Lab File: BG041869.D

Acq: 1 Aug 2019 18:47

Instrument :

BNA_F

ClientSampleId :

OWL-C2-GW

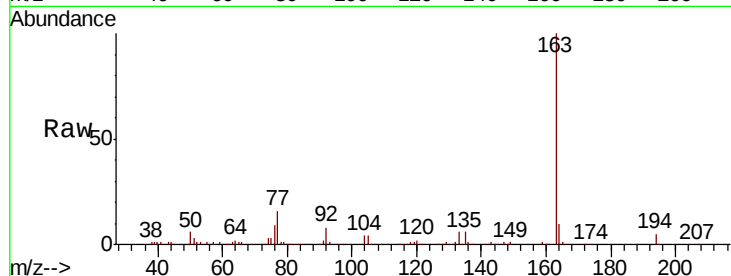
Tgt Ion:163 Resp: 111746

Ion Ratio Lower Upper

163 100

194 5.2 4.2 6.2

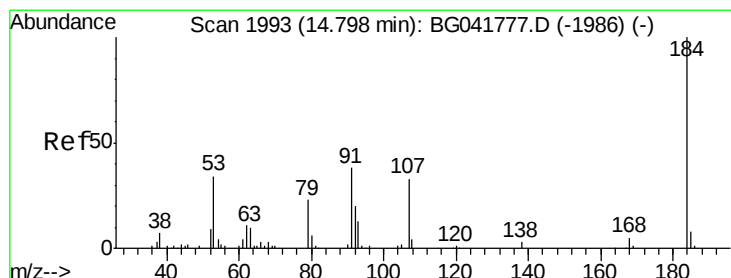
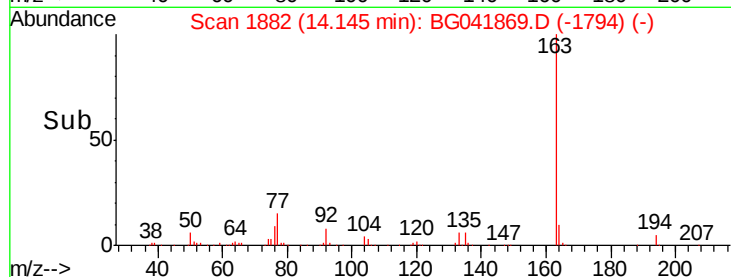
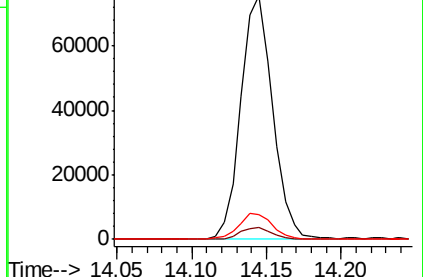
164 10.1 9.4 14.2



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



#54

2,4-Dinitrophenol

Concen: 3.357 ng

RT: 15.00 min Scan# 2028

Delta R.T. 0.21 min

Lab File: BG041869.D

Acq: 1 Aug 2019 18:47

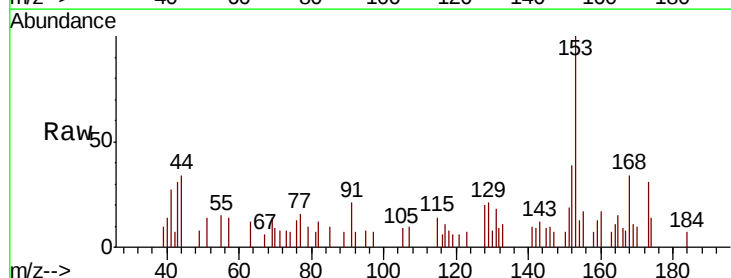
Tgt Ion:184 Resp: 120

Ion Ratio Lower Upper

184 100

63 173.6 43.2 64.8#

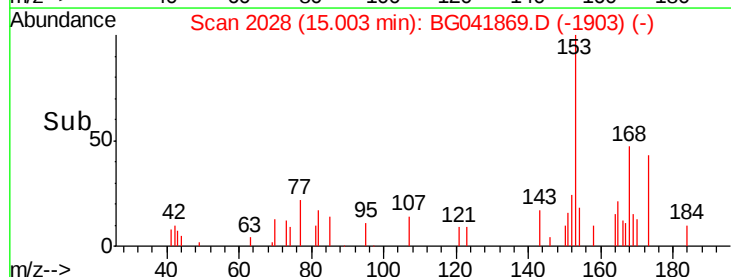
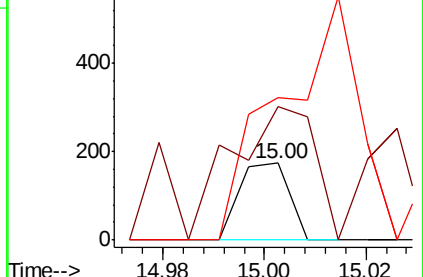
154 185.6 51.4 77.2#

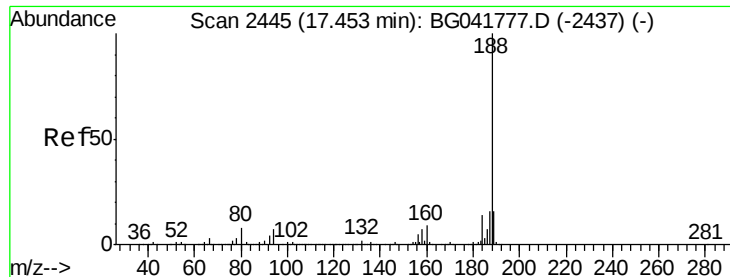


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E

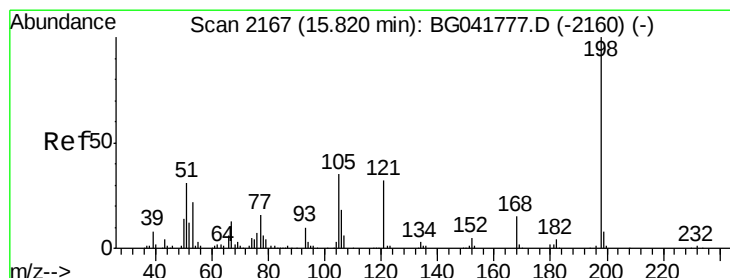
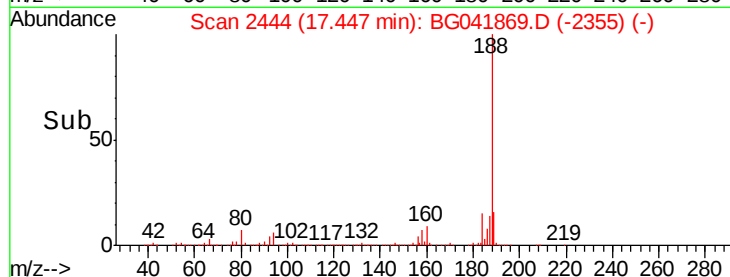
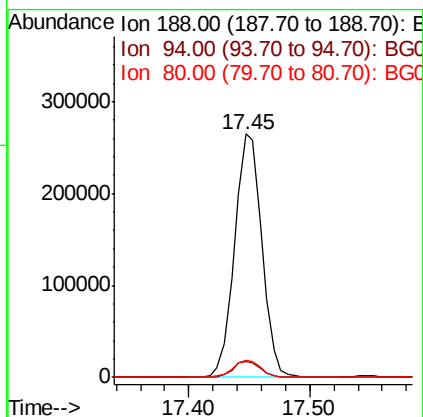
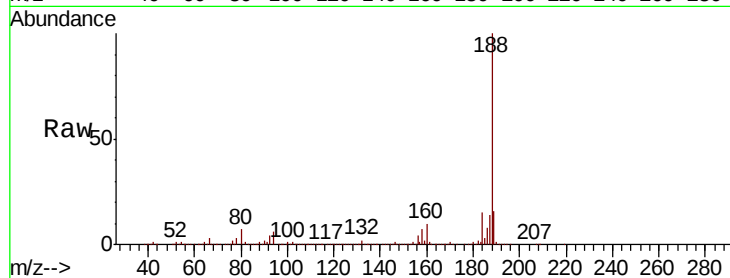




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.01 min
Lab File: BG041869.D
Acq: 1 Aug 2019 18:47

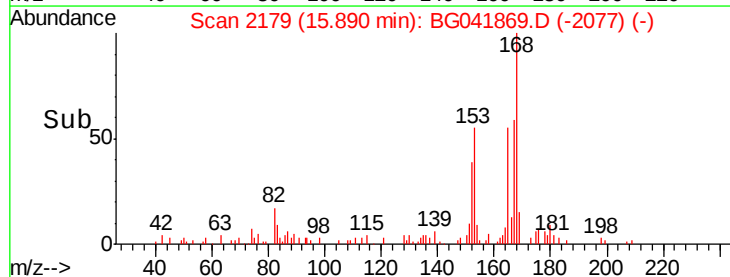
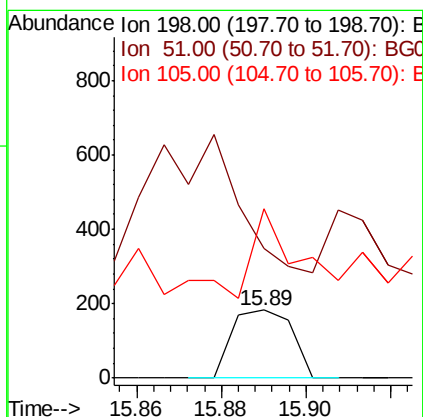
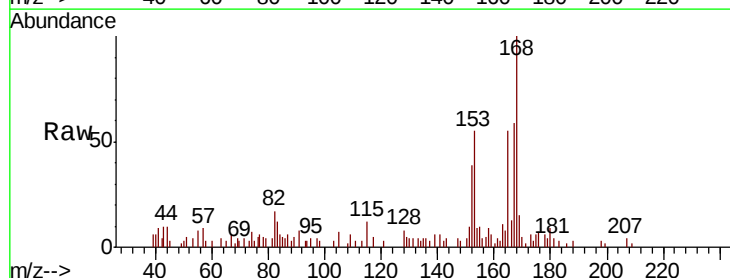
Instrument :
BNA_F
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OWL-C2-GW

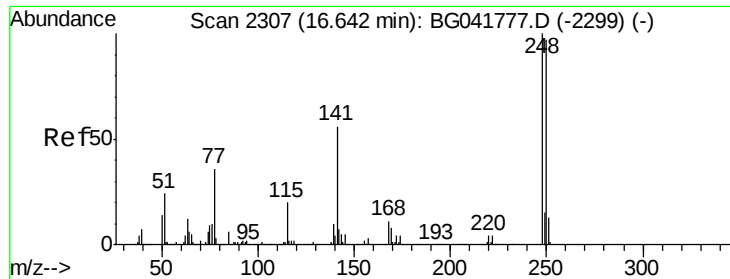
Tgt Ion:188 Resp: 417363
Ion Ratio Lower Upper
188 100
94 6.4 6.9 10.3#
80 7.1 8.0 12.0#



#65
4,6-Dinitro-2-methylphenol
Concen: 6.927 ng
RT: 15.89 min Scan# 2179
Delta R.T. 0.07 min
Lab File: BG041869.D
Acq: 1 Aug 2019 18:47

Tgt Ion:198 Resp: 178
Ion Ratio Lower Upper
198 100
51 190.2 22.3 62.3#
105 249.2 18.0 58.0#

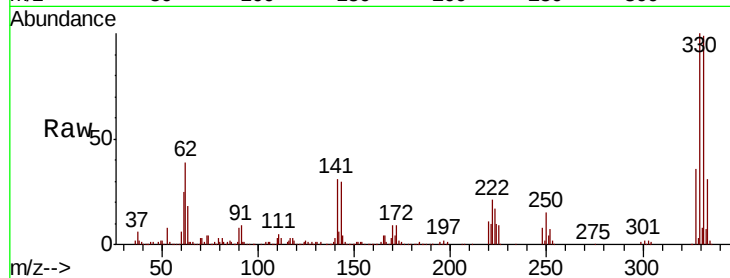




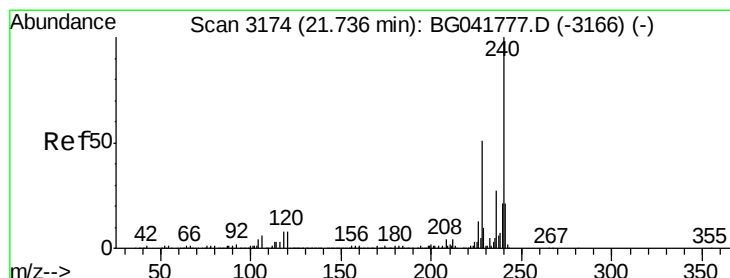
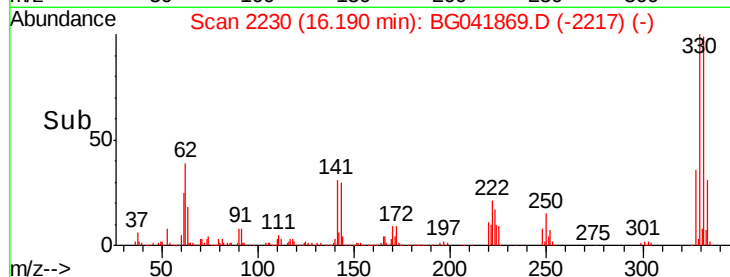
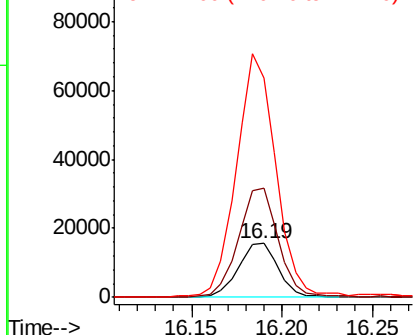
#67
 4-Bromophenyl-phenylether
 Concen: 4.663 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. -0.45 min
 Lab File: BG041869.D
 Acq: 1 Aug 2019 18:47

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C2-GW

Tgt Ion:248 Resp: 23974
 Ion Ratio Lower Upper
 248 100
 250 203.9 78.1 117.1#
 141 408.9 49.6 74.4#

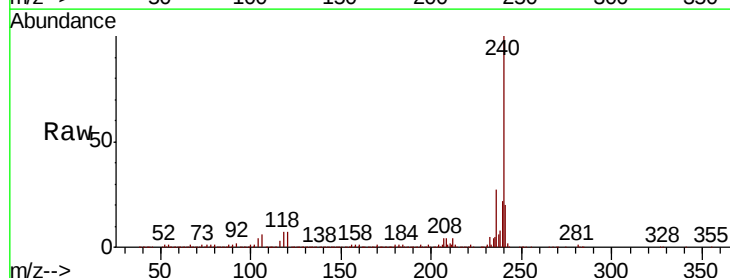


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

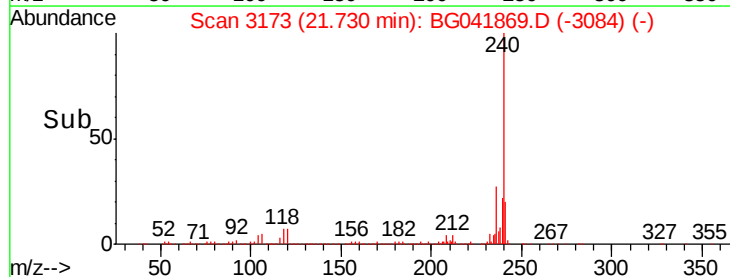
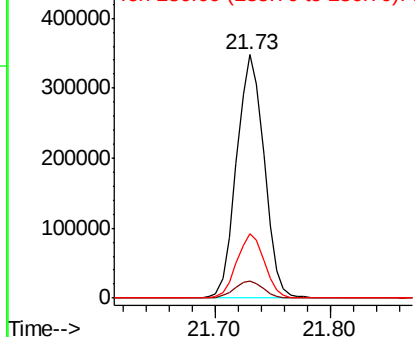


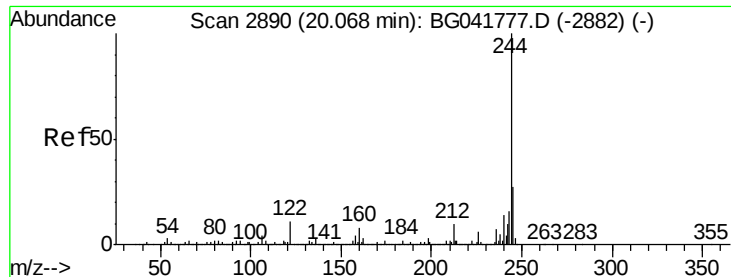
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3173
 Delta R.T. -0.01 min
 Lab File: BG041869.D
 Acq: 1 Aug 2019 18:47

Tgt Ion:240 Resp: 576521
 Ion Ratio Lower Upper
 240 100
 120 7.1 8.0 12.0#
 236 26.6 22.6 33.8



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: 78.924 ng

RT: 20.06 min Scan# 2889

Delta R.T. -0.01 min

Lab File: BG041869.D

Acq: 1 Aug 2019 18:47

Instrument :

BNA_F

ClientSampleId :

OWL-C2-GW

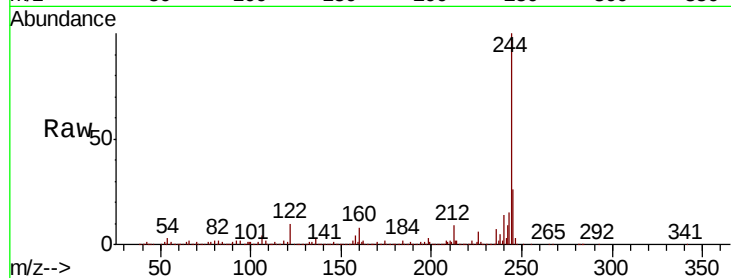
Tgt Ion:244 Resp: 1988476

Ion Ratio Lower Upper

244 100

212 9.5 9.7 14.5#

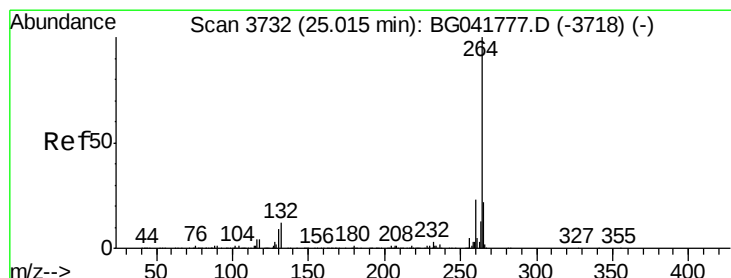
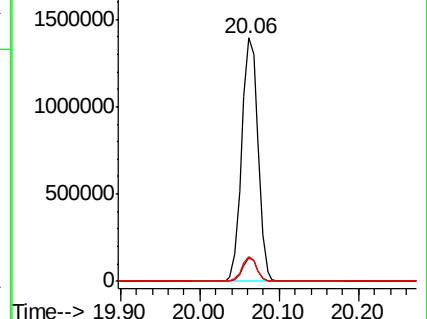
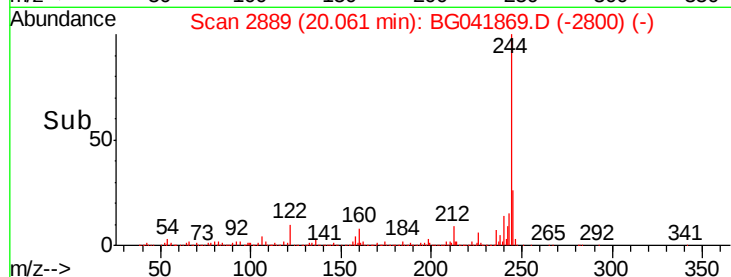
122 10.1 12.5 18.7#



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: 25.00 min Scan# 3730

Delta R.T. -0.01 min

Lab File: BG041869.D

Acq: 1 Aug 2019 18:47

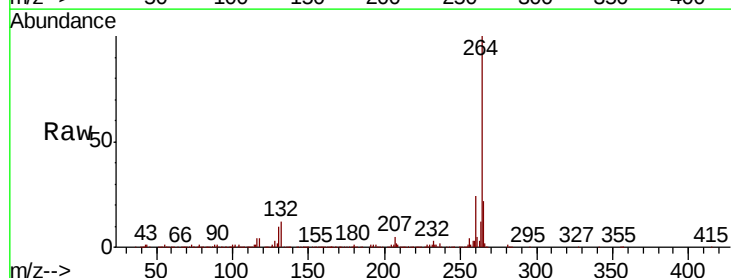
Tgt Ion:264 Resp: 687936

Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 22.2 18.0 27.0



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

