

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080119\
 Data File : BG041867.D
 Acq On : 1 Aug 2019 17:31
 Operator : HP/JU
 Sample : K4048-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OWL-C5-GW

Quant Time: Aug 02 03:10:17 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

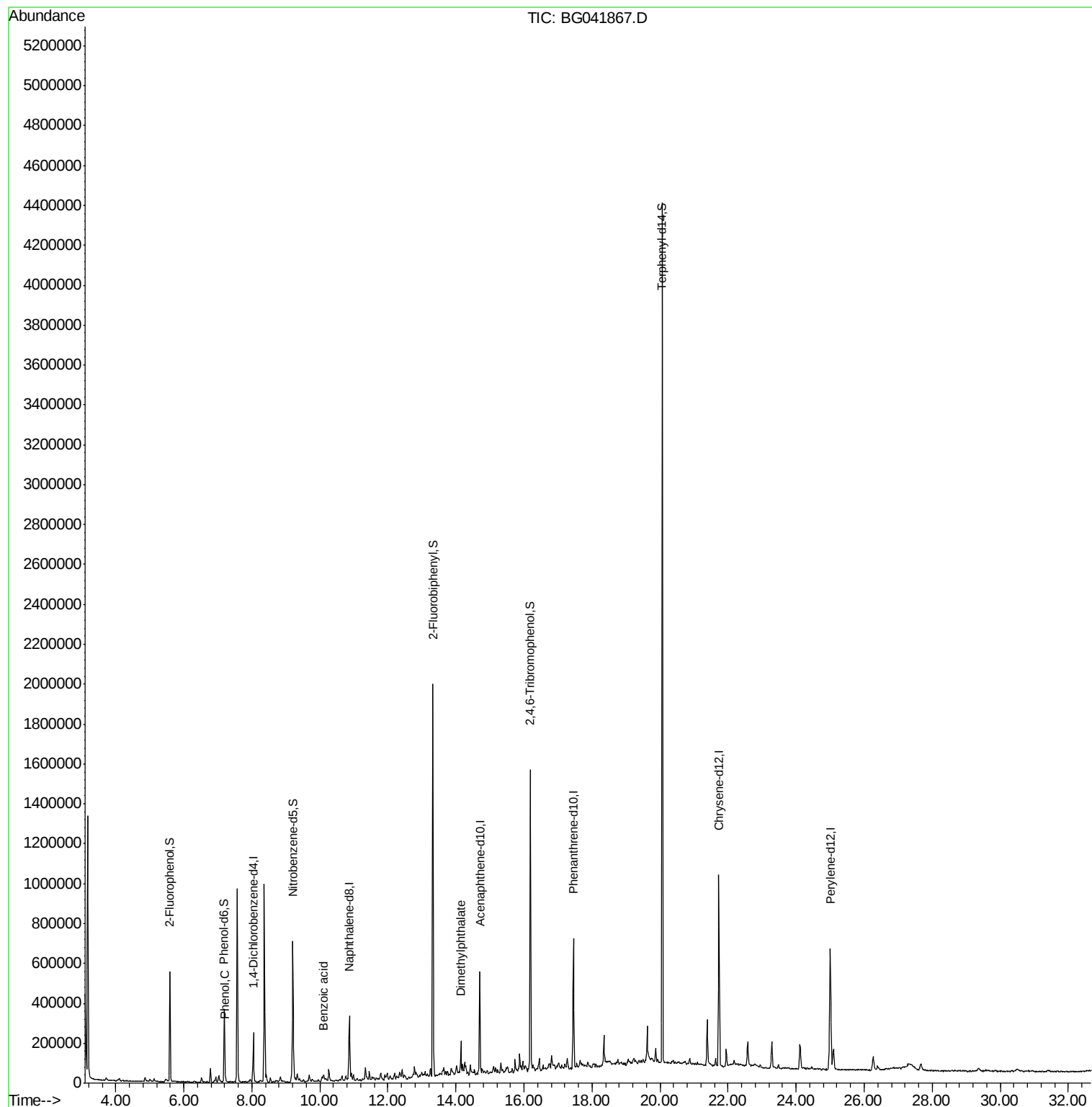
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	77068	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	282727	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	186179	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	416872	20.00	ng	0.00
76) Chrysene-d12	21.73	240	603363	20.00	ng	0.00
87) Perylene-d12	25.00	264	719582	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	255784	64.57	ng	0.00
7) Phenol-d6	7.19	99	225419	42.21	ng	0.00
23) Nitrobenzene-d5	9.21	82	432386	105.24	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	312654	147.85	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1076397	101.97	ng	0.00
79) Terphenyl-d14	20.06	244	2016680	76.48	ng	0.00
Target Compounds						
10) Phenol	7.22	94	15085	2.715	ng	92
32) Benzoic acid	10.09	122	11223	12.354	ng	89
50) Dimethylphthalate	14.14	163	109895	8.643	ng	98

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

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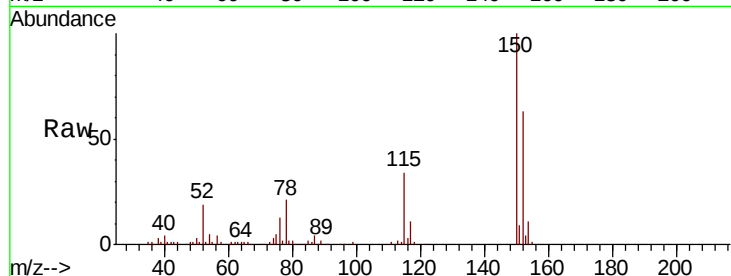


#1

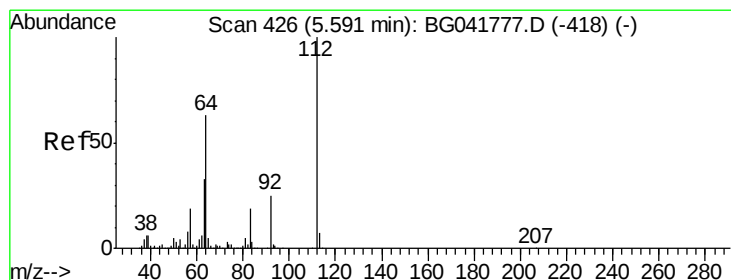
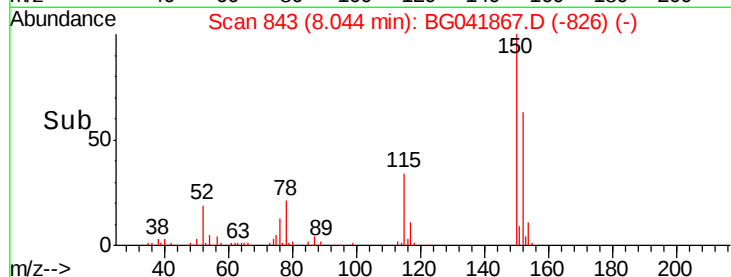
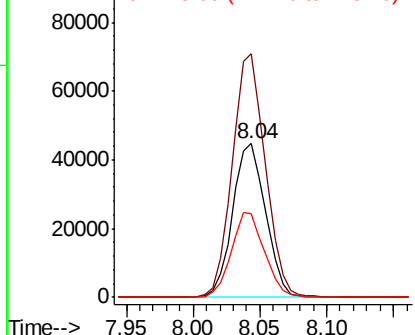
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG041867.D
Acq: 1 Aug 2019 17:31

Instrument :
BNA_G
ClientSampleId :
OWL-C5-GW

Tot Ion:152 Resp: 77068
Ion Ratio Lower Upper
152 100
150 158.5 126.9 190.3
115 54.4 45.0 67.6



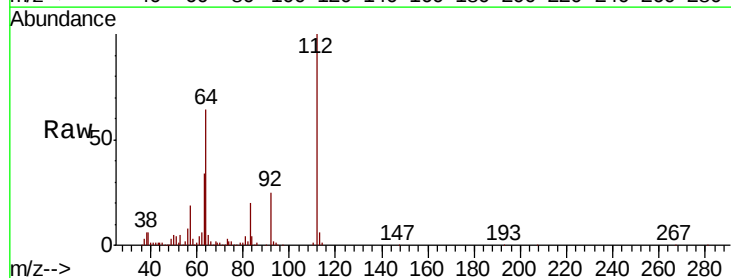
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



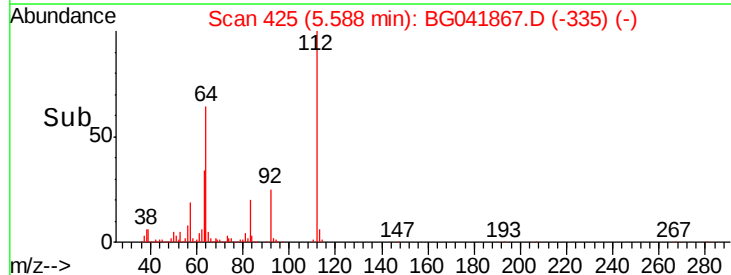
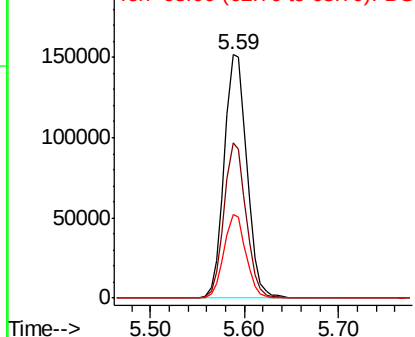
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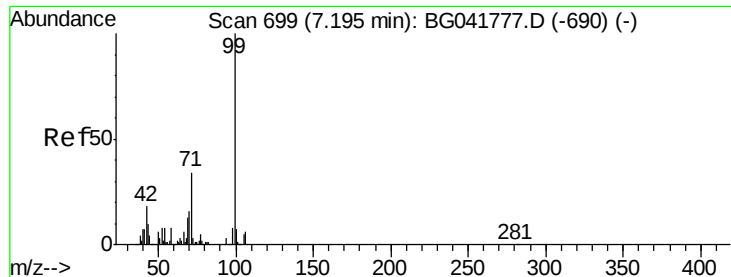
2-Fluorophenol
Concen: 64.574 ng
RT: 5.59 min Scan# 425
Delta R.T. -0.00 min
Lab File: BG041867.D
Acq: 1 Aug 2019 17:31

Tgt Ion:112 Resp: 255784
Ion Ratio Lower Upper
112 100
64 63.5 55.4 83.2
63 34.5 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: 42.212 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG041867.D

Acq: 1 Aug 2019 17:31

Instrument :

BNA_G

ClientSampleId :

OWL-C5-GW

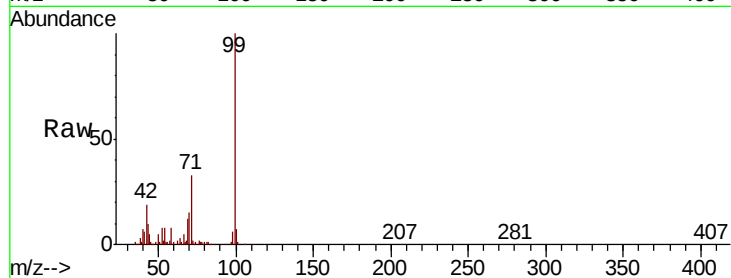
Tot Ion: 99 Resp: 225419

Ion Ratio Lower Upper

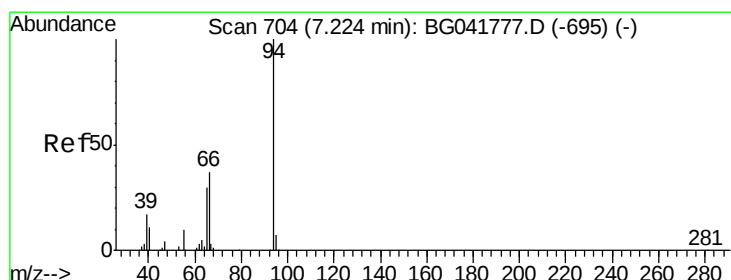
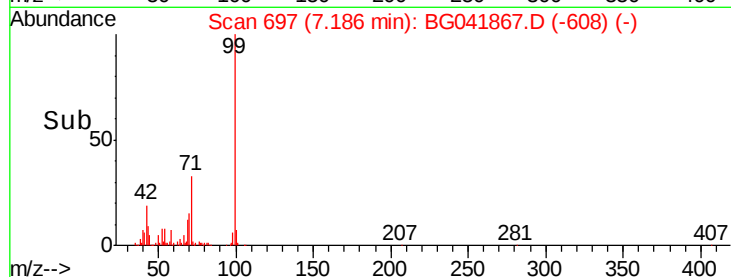
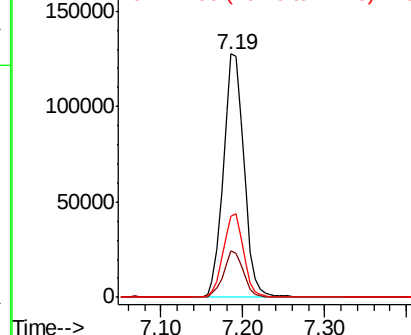
99 100

42 19.3 17.6 26.4

71 33.1 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



#10

Phenol

Concen: 2.715 ng

RT: 7.22 min Scan# 702

Delta R.T. -0.01 min

Lab File: BG041867.D

Acq: 1 Aug 2019 17:31

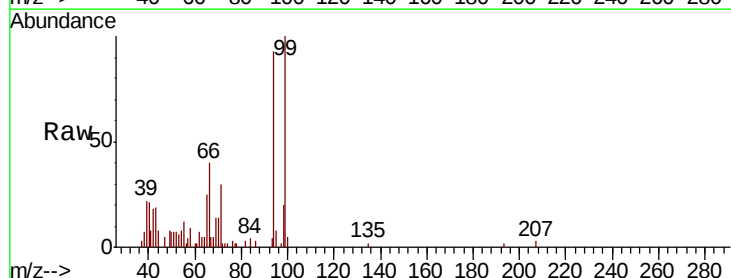
Tgt Ion: 94 Resp: 15085

Ion Ratio Lower Upper

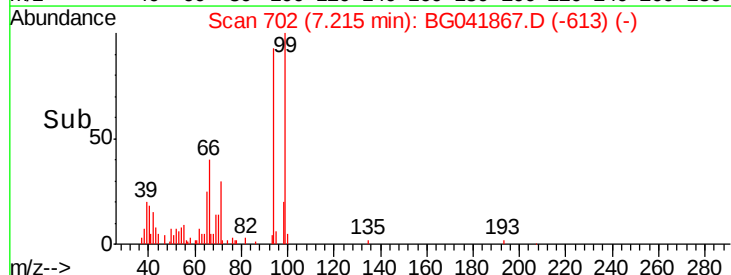
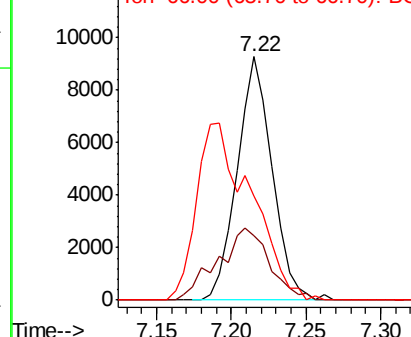
94 100

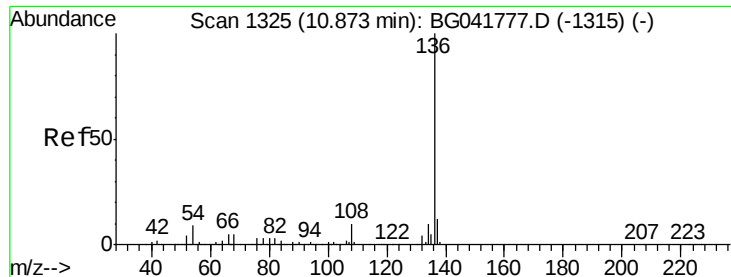
65 26.5 10.6 50.6

66 42.8 18.2 58.2



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

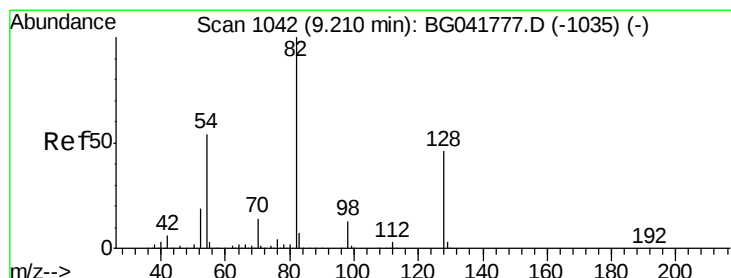
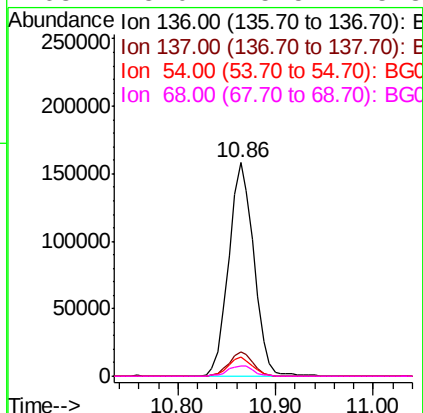
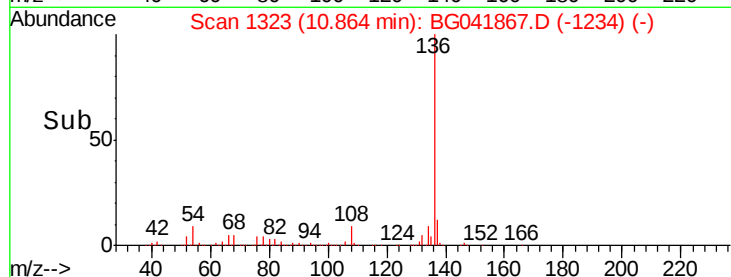
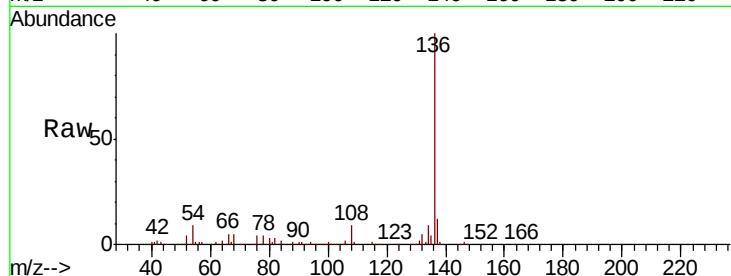




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BG041867.D
Acq: 1 Aug 2019 17:31

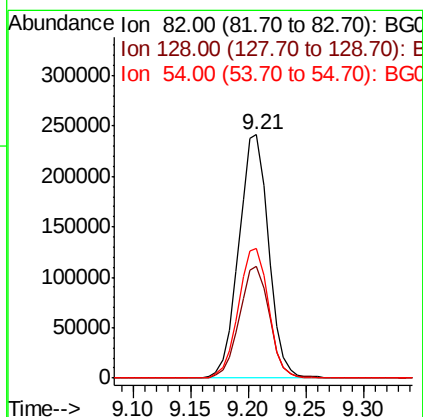
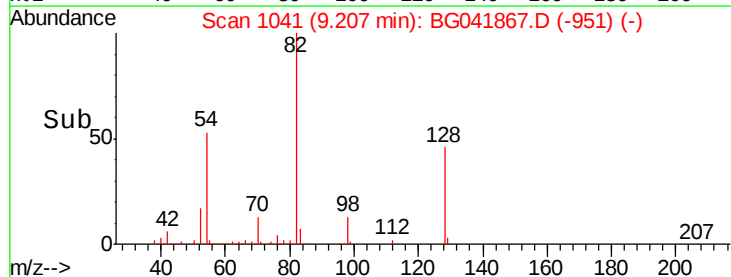
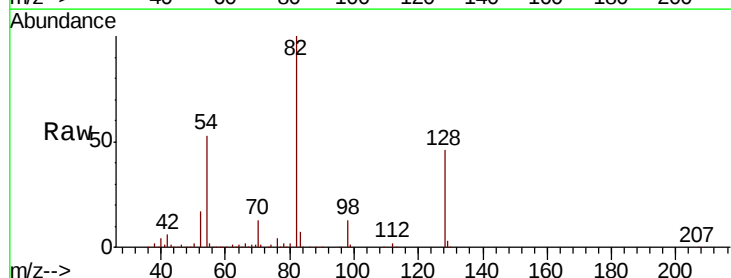
Instrument :
BNA_G
ClientSampleId :
OWL-C5-GW

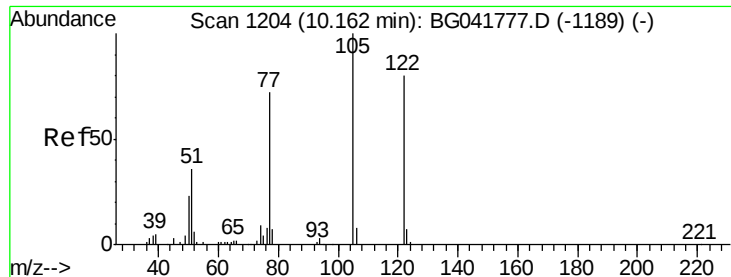
Tot Ion:136	Resp:	282727
Ion	Ratio	Lower Upper
136	100	
137	11.5	9.2 13.8
54	8.8	8.7 13.1
68	5.0	5.5 8.3#



#23
Nitrobenzene-d5
Concen: 105.243 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BG041867.D
Acq: 1 Aug 2019 17:31

Tgt Ion: 82	Resp:	432386
Ion	Ratio	Lower Upper
82	100	
128	45.9	35.1 52.7
54	53.4	48.7 73.1

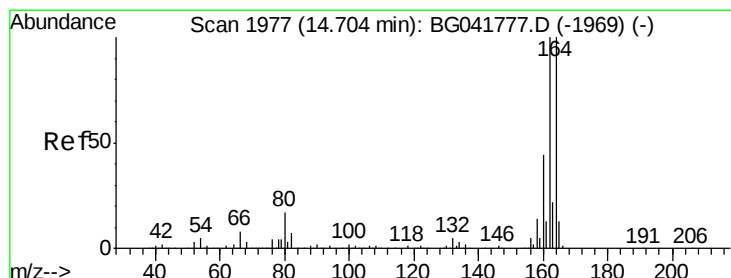
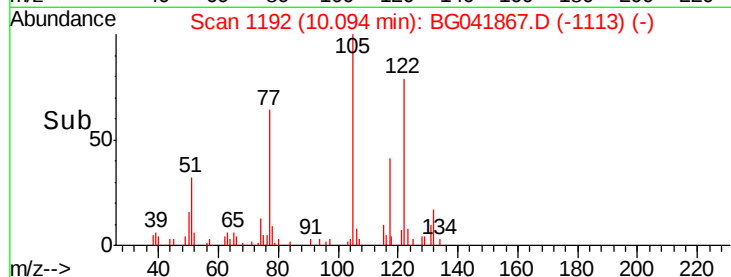
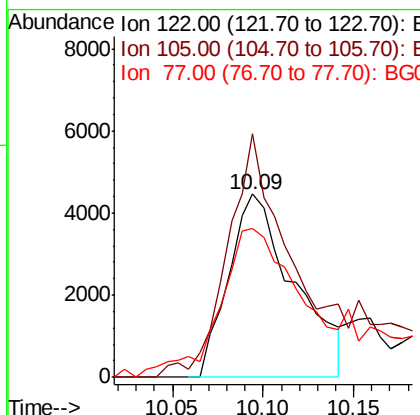
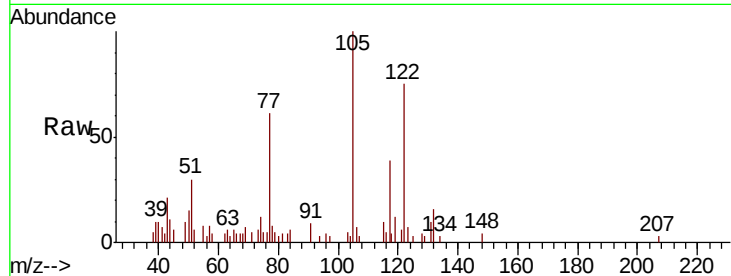




#32
Benzoic acid
Concen: 12.354 ng
RT: 10.09 min Scan# 1192
Delta R.T. -0.07 min
Lab File: BG041867.D
Acq: 1 Aug 2019 17:31

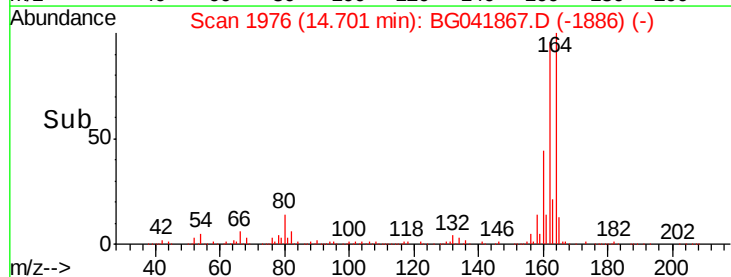
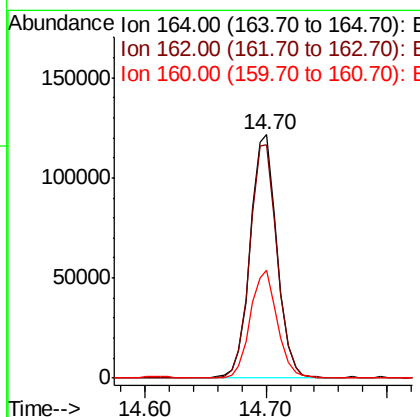
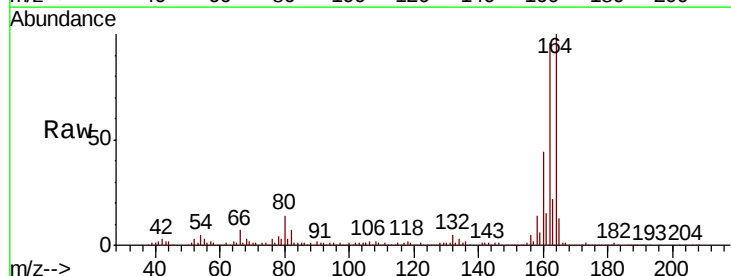
Instrument :
BNA_G
ClientSampleId :
OWL-C5-GW

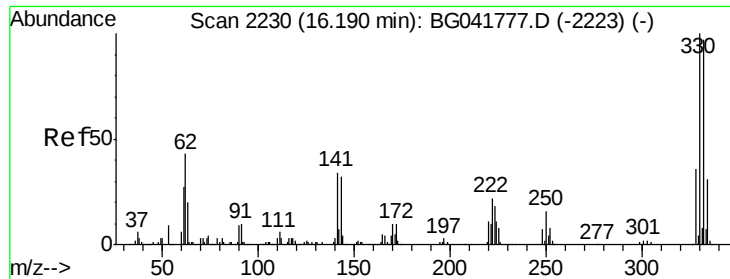
Tot Ion	Ratio	Lower	Upper
122	100		
105	133.1	101.5	141.5
77	81.6	73.0	113.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG041867.D
Acq: 1 Aug 2019 17:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.6	79.6	119.4
160	44.1	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 147.845 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG041867.D

Acq: 1 Aug 2019 17:31

Instrument :

BNA_G

ClientSampleId :

OWL-C5-GW

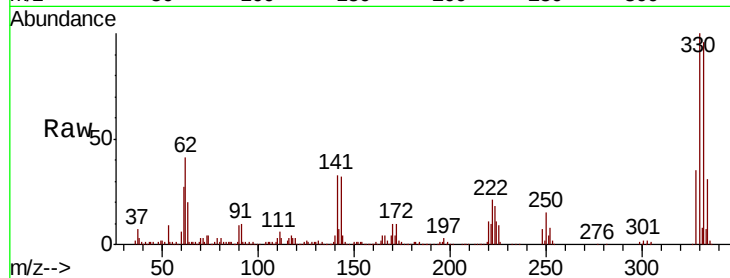
Tot Ion:330 Resp: 312654

Ion Ratio Lower Upper

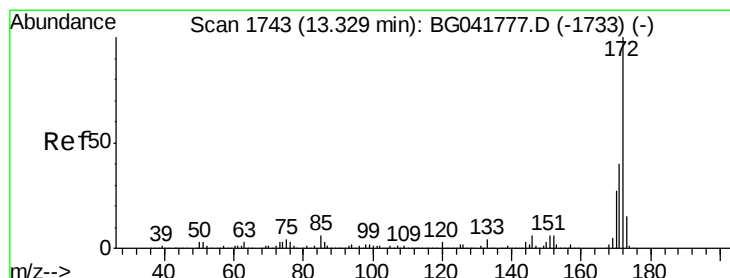
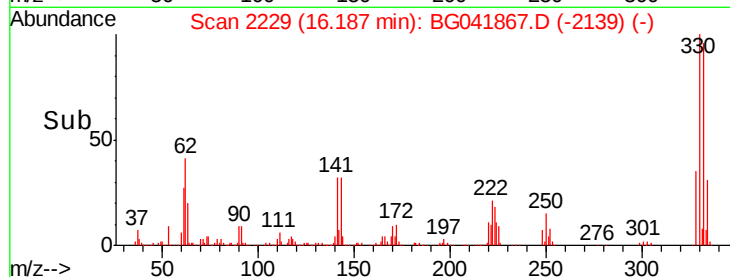
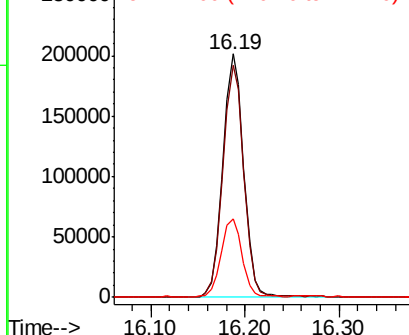
330 100

332 95.4 77.4 116.0

141 32.1 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: 101.970 ng

RT: 13.32 min Scan# 1741

Delta R.T. -0.01 min

Lab File: BG041867.D

Acq: 1 Aug 2019 17:31

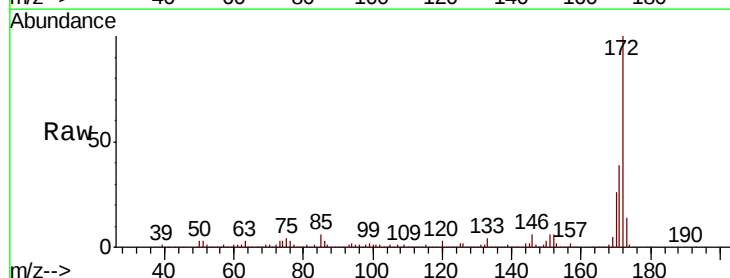
Tgt Ion:172 Resp: 1076397

Ion Ratio Lower Upper

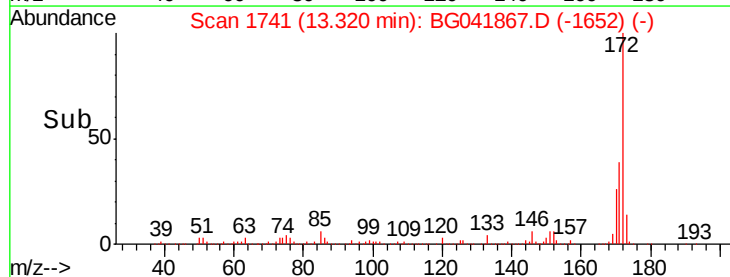
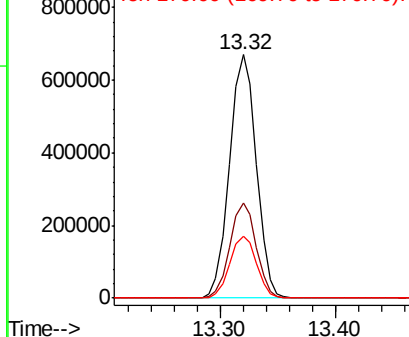
172 100

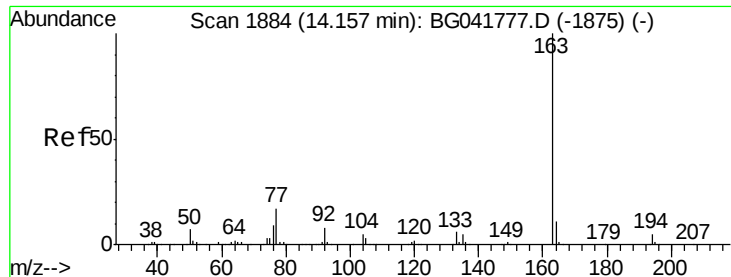
171 39.0 35.0 52.4

170 25.6 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: 8.643 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG041867.D

Acq: 1 Aug 2019 17:31

Instrument :

BNA_G

ClientSampleId :

OWL-C5-GW

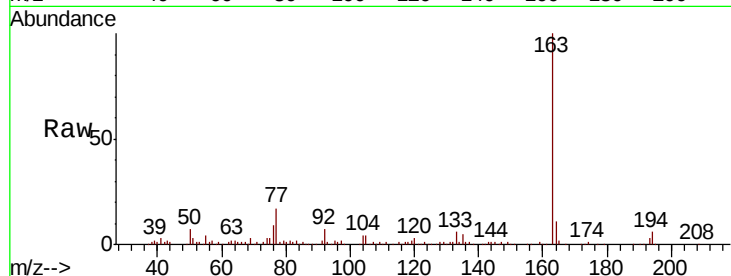
Tot Ion:163 Resp: 109895

Ion Ratio Lower Upper

163 100

194 6.2 4.2 6.2

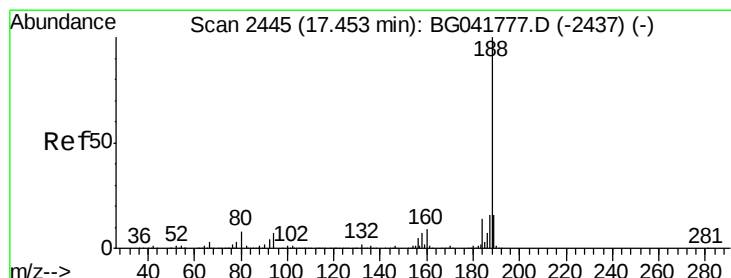
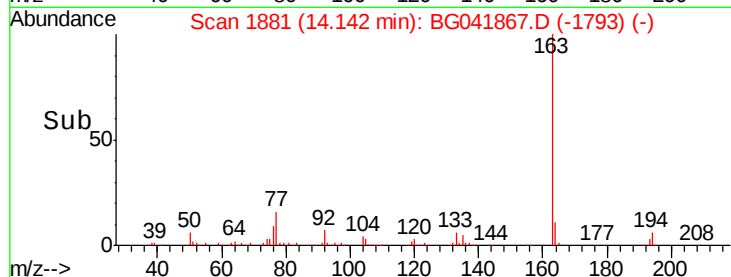
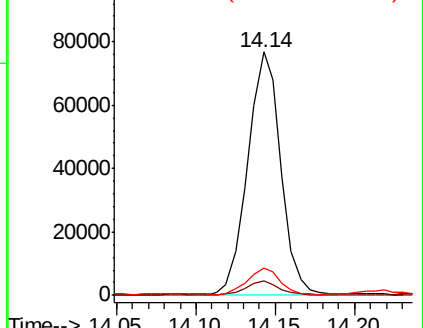
164 11.3 9.4 14.2



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2444

Delta R.T. -0.00 min

Lab File: BG041867.D

Acq: 1 Aug 2019 17:31

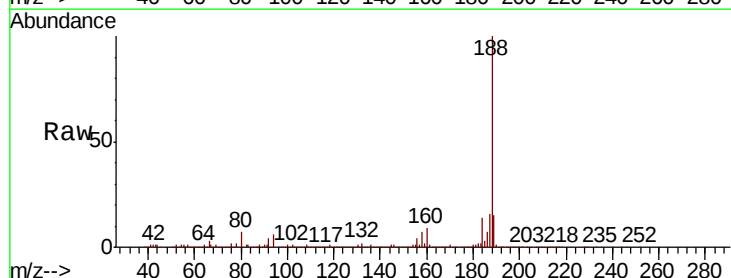
Tgt Ion:188 Resp: 416872

Ion Ratio Lower Upper

188 100

94 6.4 6.9 10.3#

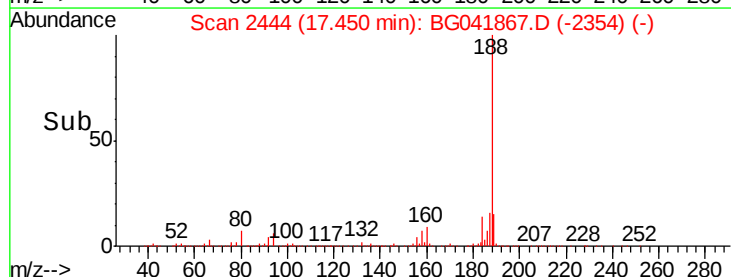
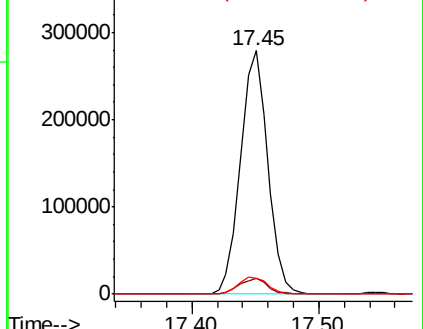
80 6.7 8.0 12.0#

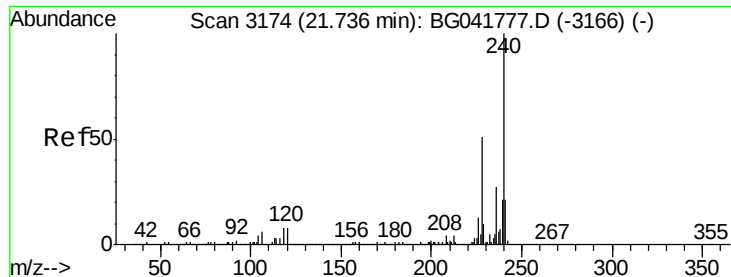


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

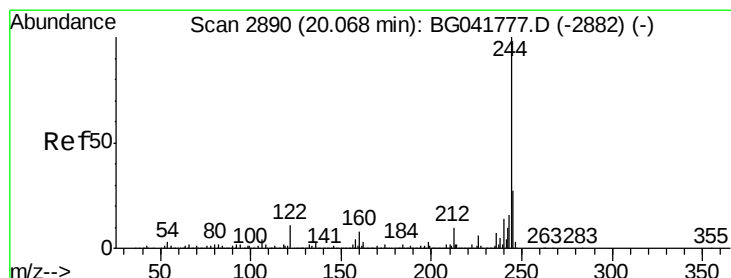
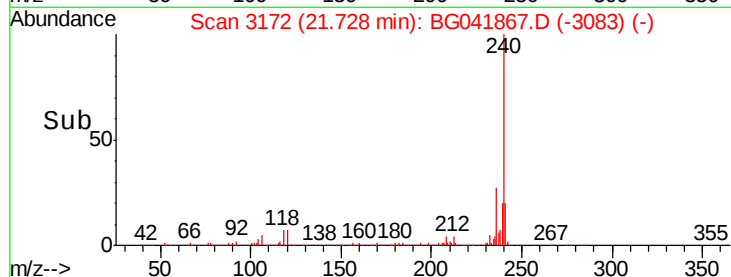
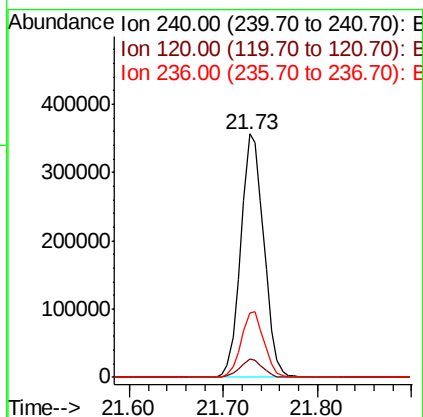
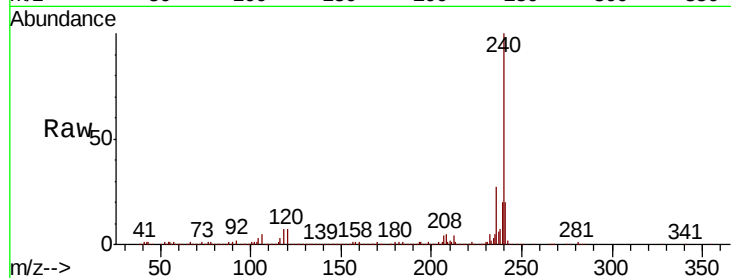




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3172
 Delta R.T. -0.01 min
 Lab File: BG041867.D
 Acq: 1 Aug 2019 17:31

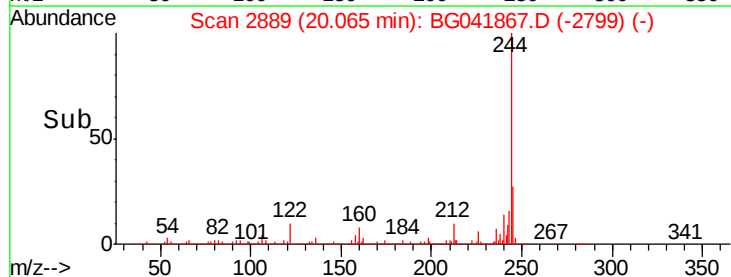
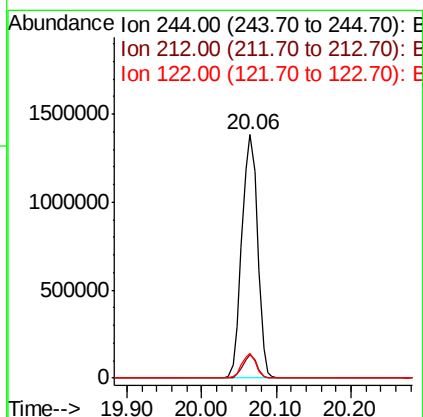
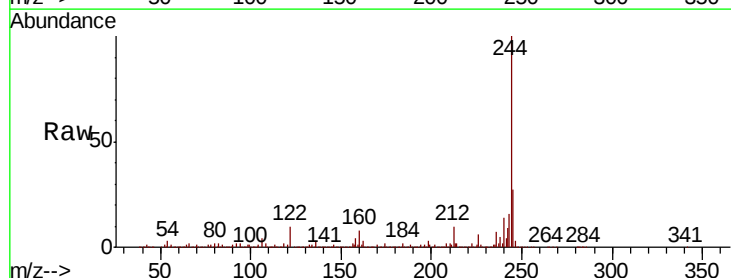
Instrument :
 BNA_G
 ClientSampleId :
 OWL-C5-GW

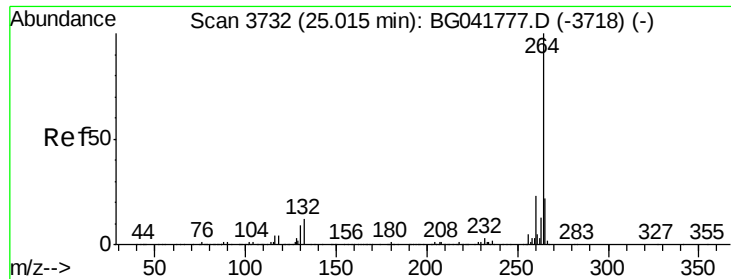
Tot Ion:240 Resp: 603363
 Ion Ratio Lower Upper
 240 100
 120 7.3 8.0 12.0#
 236 26.6 22.6 33.8



#79
 Terphenyl-d14
 Concen: 76.483 ng
 RT: 20.06 min Scan# 2889
 Delta R.T. -0.00 min
 Lab File: BG041867.D
 Acq: 1 Aug 2019 17:31

Tgt Ion:244 Resp: 2016680
 Ion Ratio Lower Upper
 244 100
 212 9.6 9.7 14.5#
 122 10.2 12.5 18.7#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.00 min Scan# 3729
Delta R.T. -0.01 min
Lab File: BG041867.D
Acq: 1 Aug 2019 17:31

Instrument :
BNA_G
ClientSampleId :
OWL-C5-GW

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.8	18.0	27.0

