

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_F
 ClientSampleId :
 OWL-C5-GW

Quant Time: Aug 02 01:33:04 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

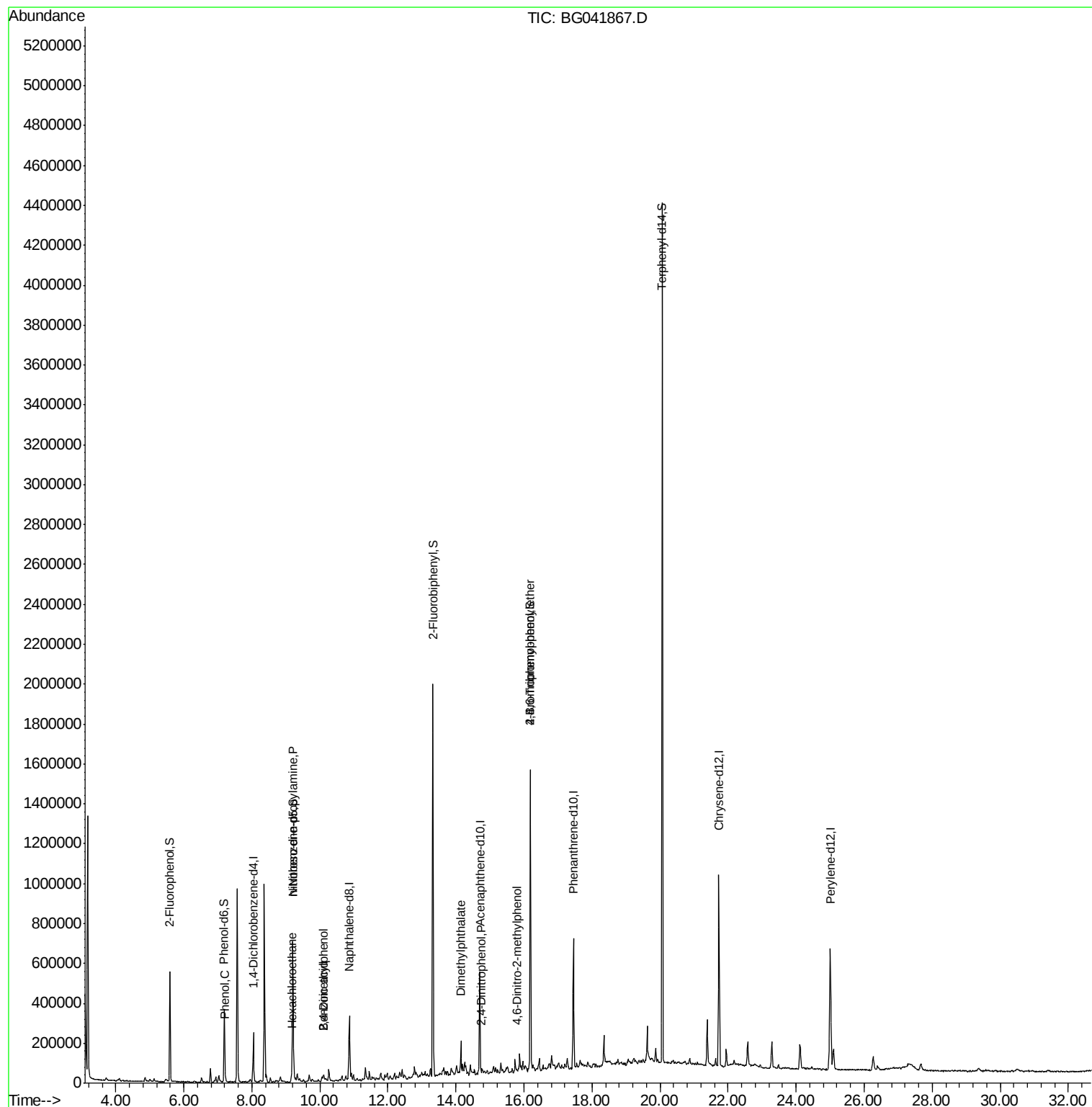
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	7.22	94	15085	2.715	ng	92
18) Hexachloroethane	9.17	117	9215	4.543	ng	# 37
19) n-Nitroso-di-n-propylamine	9.20	70	58354	15.051	ng	# 70
27) 2,4-Dimethylphenol	10.09	122	11223	3.166	ng	# 9
32) Benzoic acid	10.09	122	11223	12.354	ng	89
50) Dimethylphthalate	14.14	163	109895	8.643	ng	98
54) 2,4-Dinitrophenol	14.74	184	53	3.296	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.79	198	55	6.875	ng	# 1
67) 4-Bromophenyl-phenylether	16.19	248	22425	4.367	ng	# 1

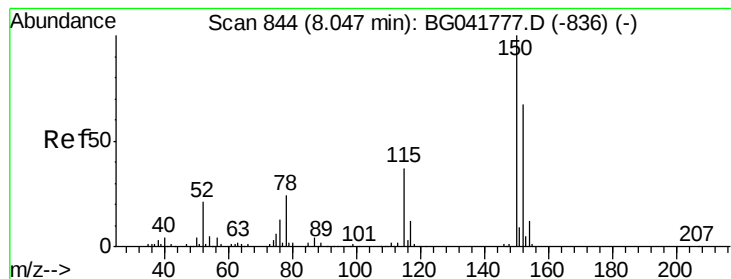
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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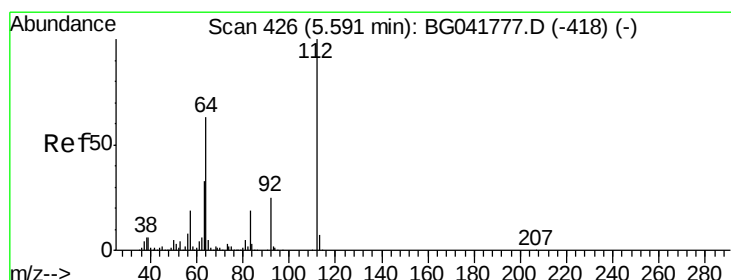
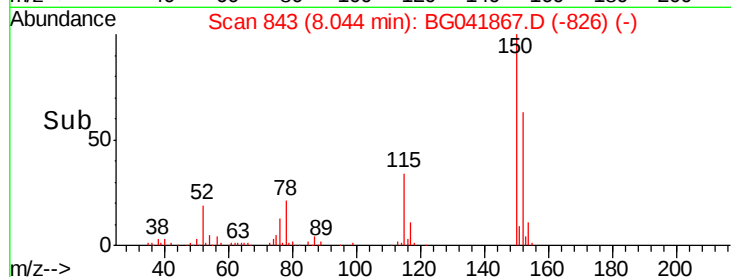
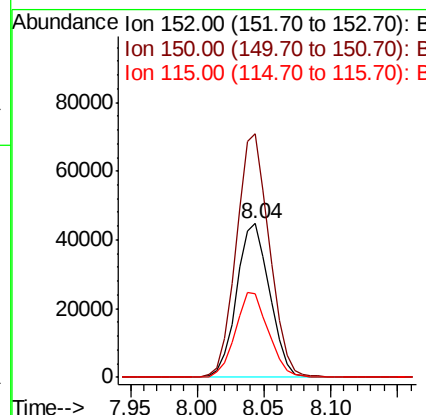
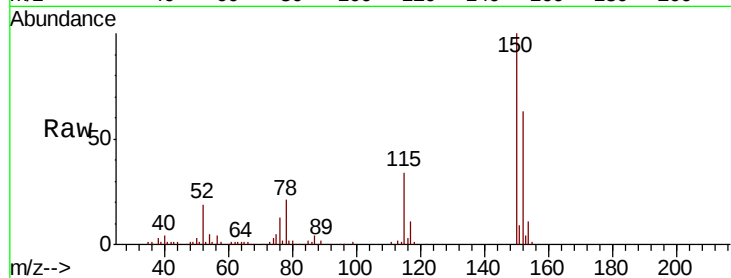




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BG041867.D
 Acq: 1 Aug 2019 17:31

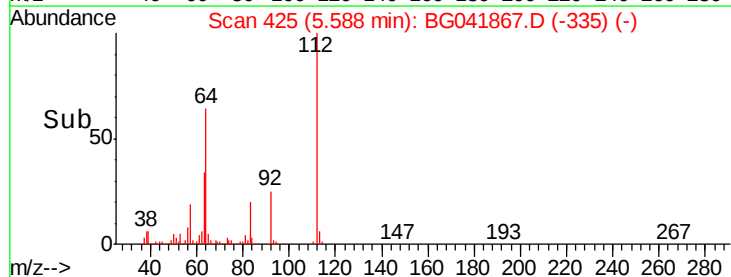
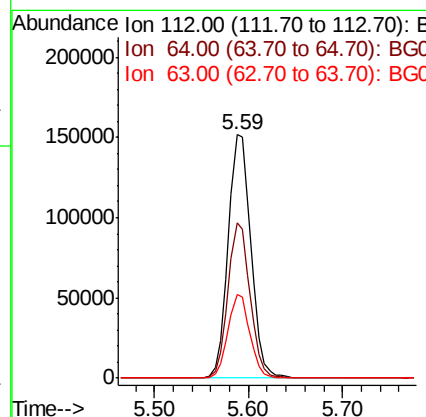
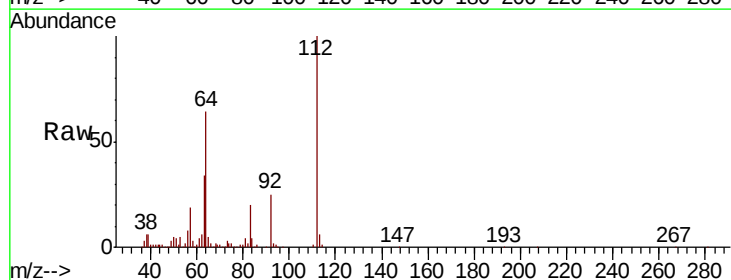
Instrument :
 BNA_F
 ClientSampleId :
 OWL-C5-GW

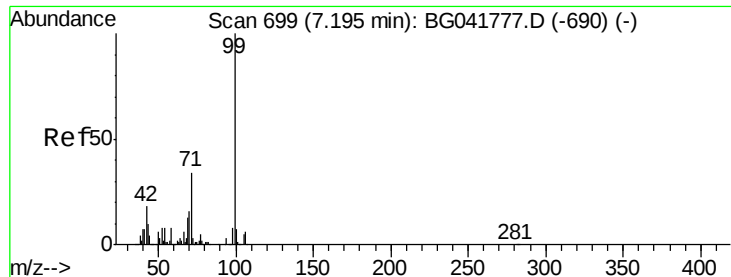
Tgt Ion:152 Resp: 77068
 Ion Ratio Lower Upper
 152 100
 150 158.5 126.9 190.3
 115 54.4 45.0 67.6



#5
 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





#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_F

ClientSampleId :

OWL-C5-GW

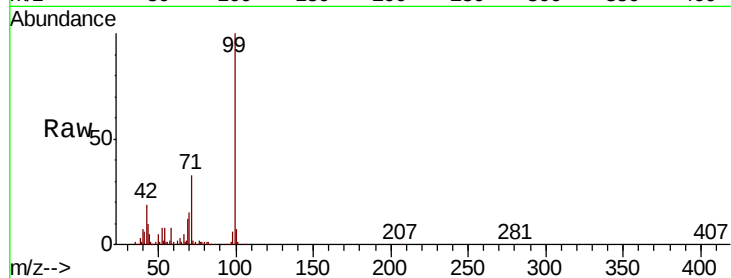
Tgt Ion: 99 Resp: 225419

Ion Ratio Lower Upper

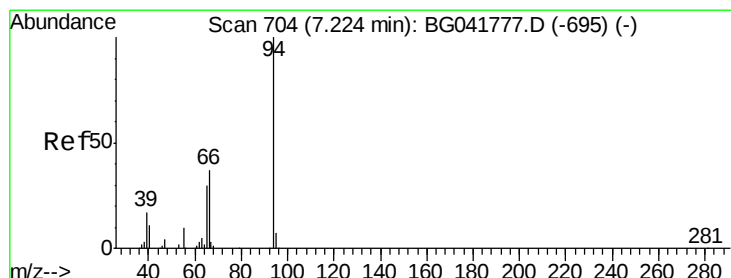
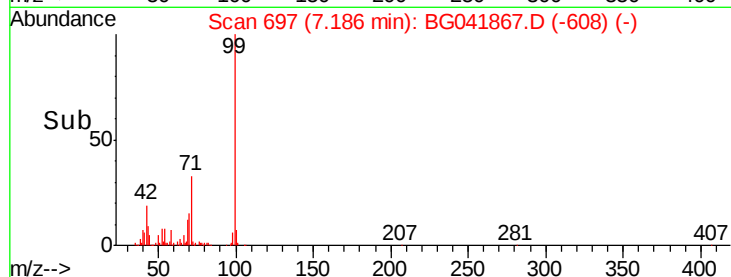
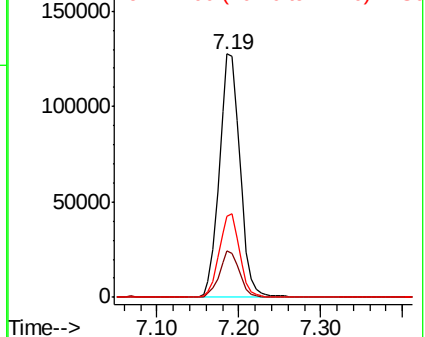
99 100

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

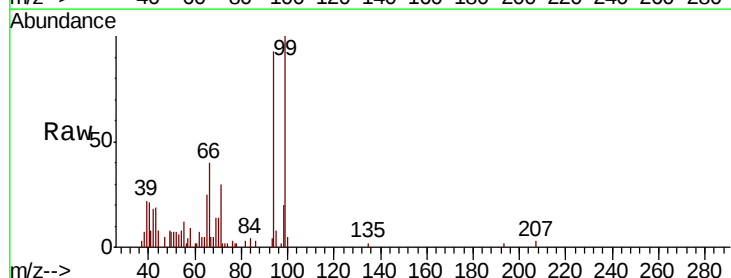
Tgt Ion: 94 Resp: 15085

Ion Ratio Lower Upper

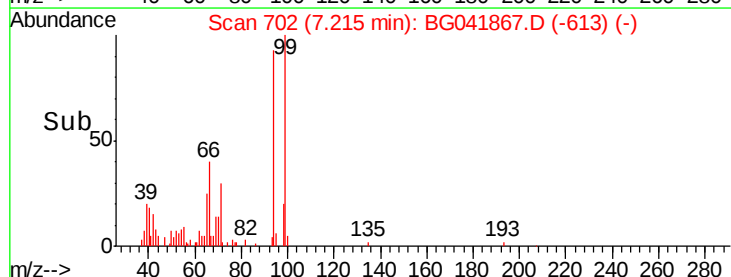
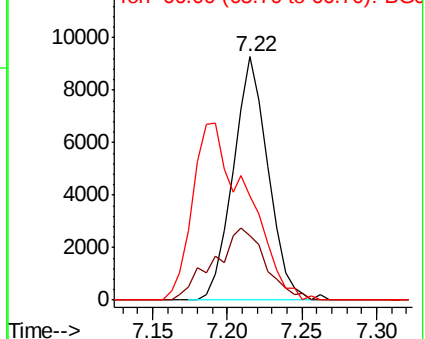
94 100

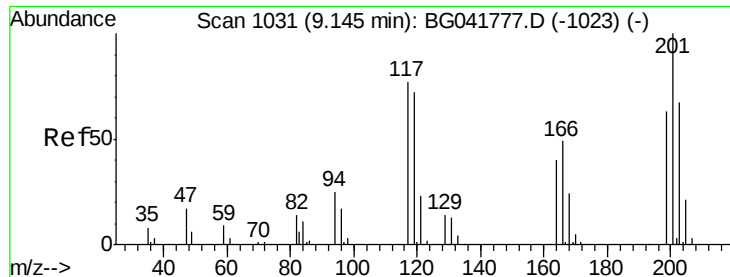
65 26.5 10.6 50.6

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

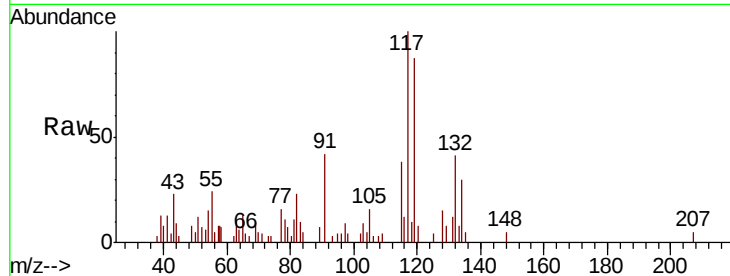




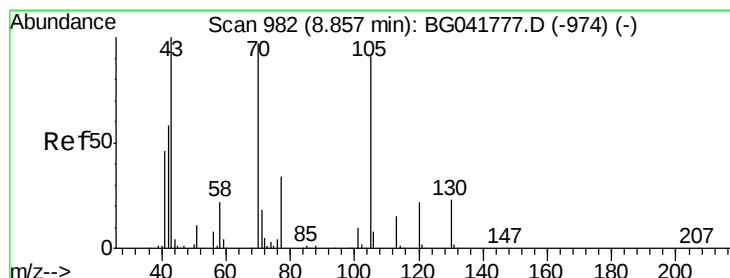
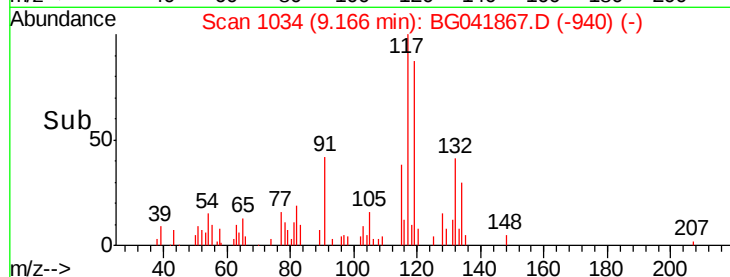
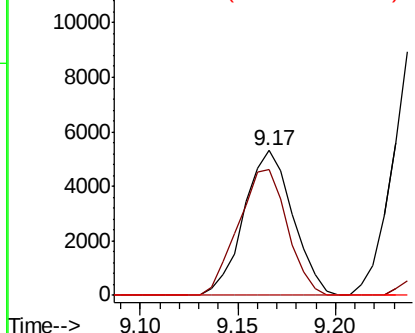
#18
Hexachloroethane
Concen: 4.543 ng
RT: 9.17 min Scan# 1034
Delta R.T. 0.02 min
Lab File: BG041867.D
Acq: 1 Aug 2019 17:31

Instrument :
BNA_F
ClientSampleId :
OWL-C5-GW

Tgt Ion: 117 Resp: 9215
Ion Ratio Lower Upper
117 100
119 87.0 76.2 114.2
201 0.0 94.1 141.1#

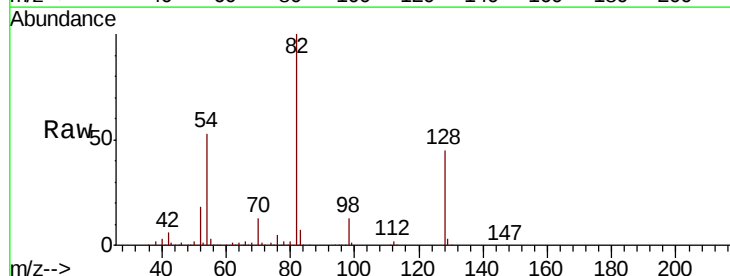


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

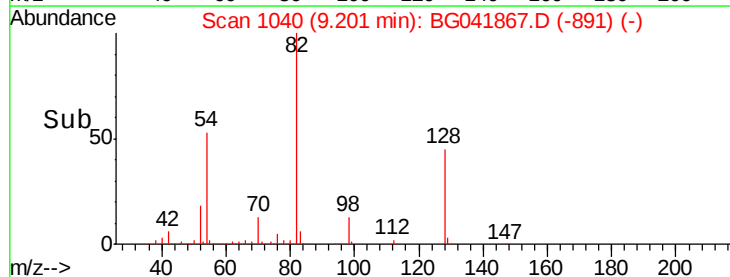
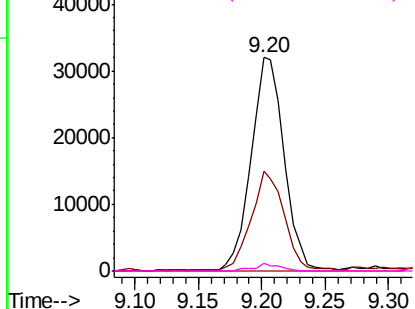


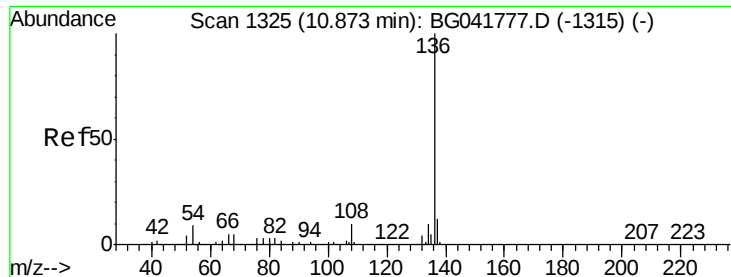
#19
n-Nitroso-di-n-propylamine
Concen: 15.051 ng
RT: 9.20 min Scan# 1040
Delta R.T. 0.34 min
Lab File: BG041867.D
Acq: 1 Aug 2019 17:31

Tgt Ion: 70 Resp: 58354
Ion Ratio Lower Upper
70 100
42 46.9 55.8 83.6#
101 0.0 8.1 12.1#
130 3.3 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): E
Ion 130.00 (129.70 to 130.70): E

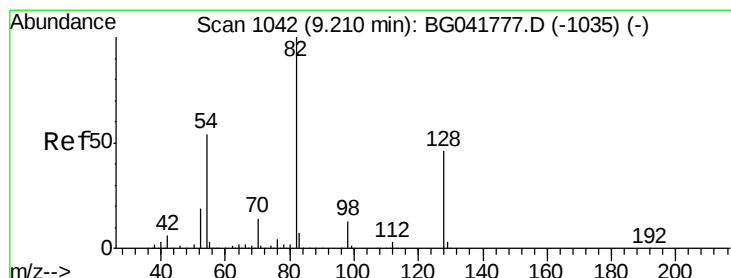
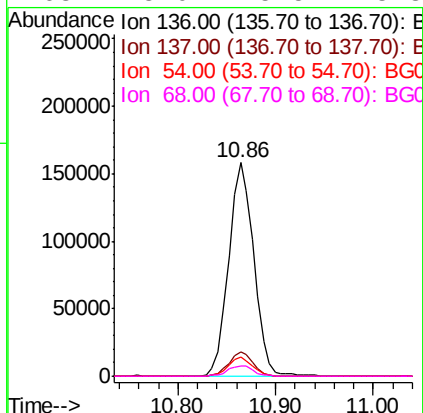
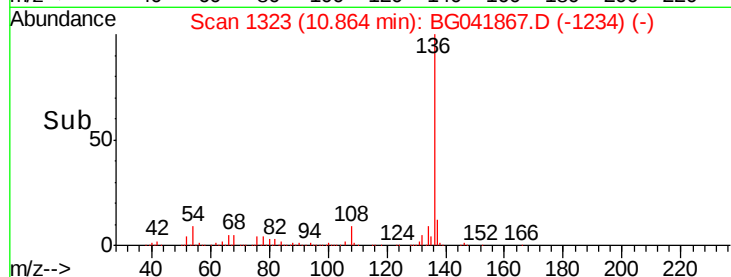
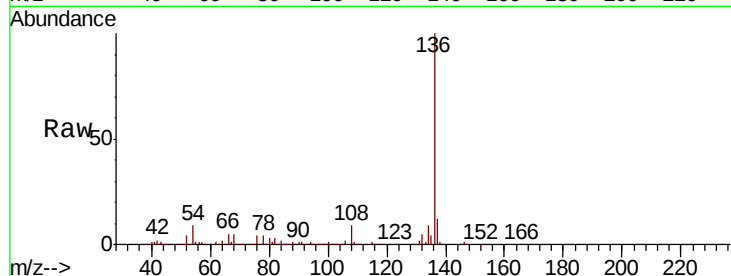




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BG041867.D
Acq: 1 Aug 2019 17:31

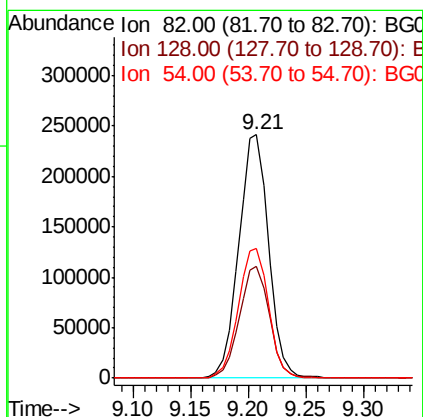
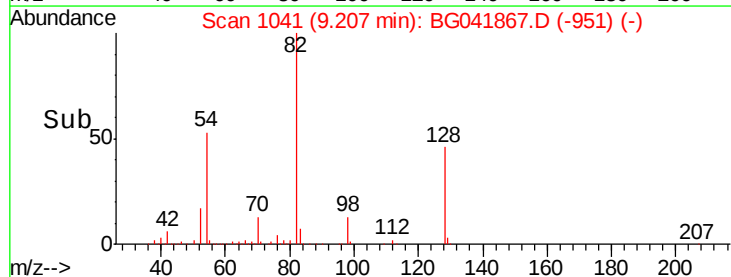
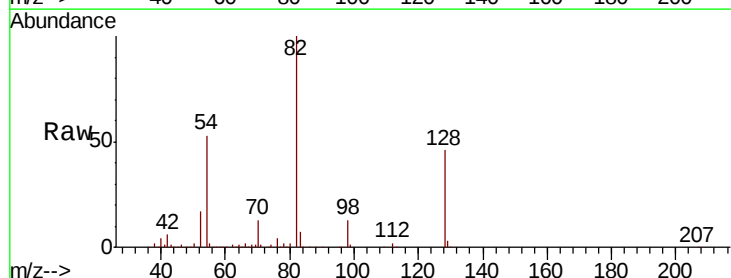
Instrument :
BNA_F
ClientSampleId :
OWL-C5-GW

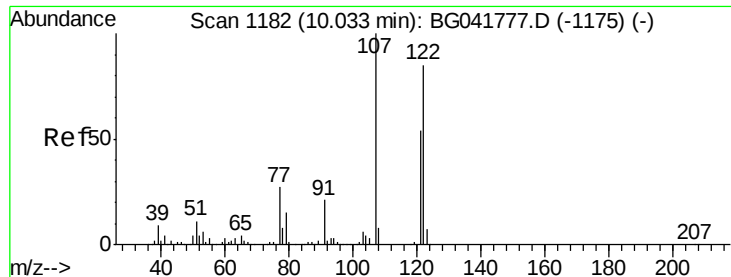
Tgt Ion:	136	Resp:	282727
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	8.8	8.7	13.1
68	5.0	5.5	8.3#



#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

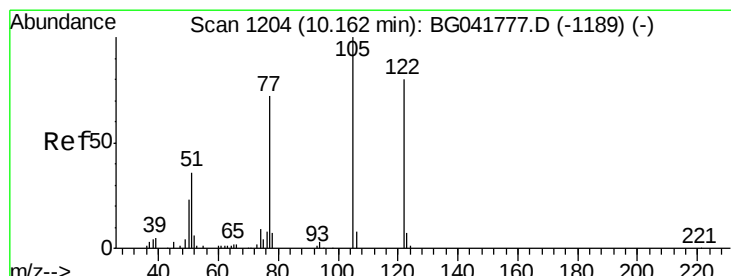
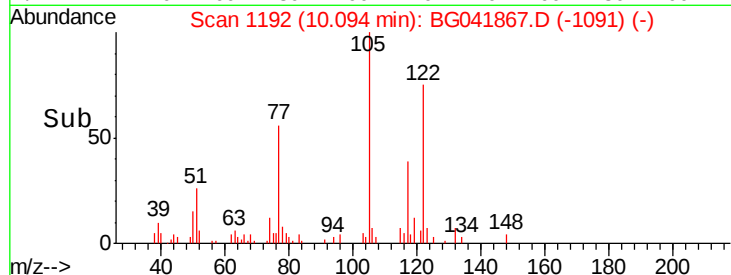
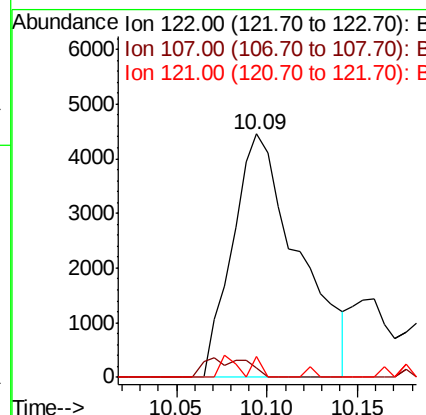
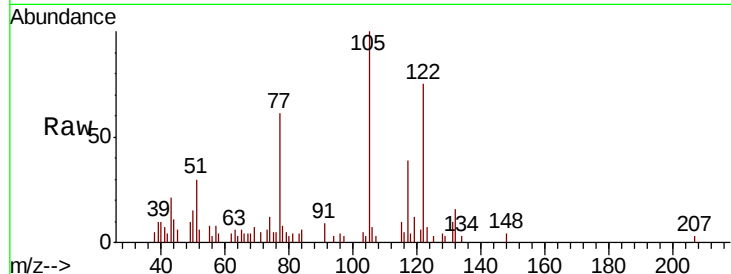




#27
2,4-Dimethylphenol
Concen: 3.166 ng
RT: 10.09 min Scan# 1192
Delta R.T. 0.06 min
Lab File: BG041867.D
Acq: 1 Aug 2019 17:31

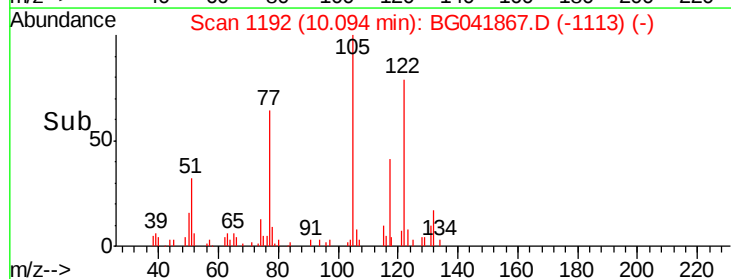
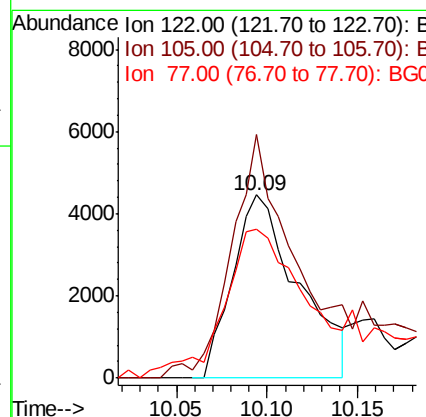
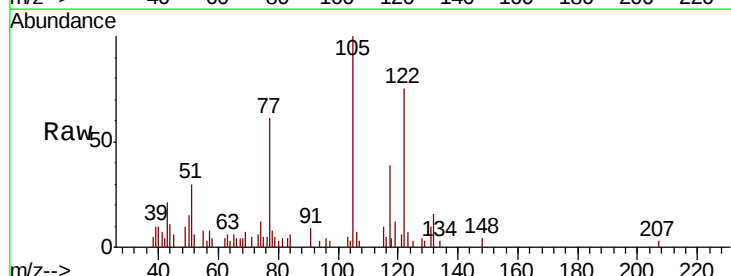
Instrument :
BNA_F
ClientSampleId :
OWL-C5-GW

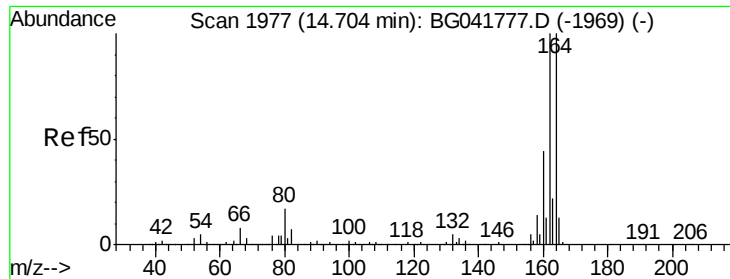
Tgt Ion	Ratio	Lower	Upper
122	100		
107	3.9	91.3	136.9#
121	8.5	49.2	73.8#



#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

Tgt 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

Instrument :

BNA_F

ClientSampleId :

OWL-C5-GW

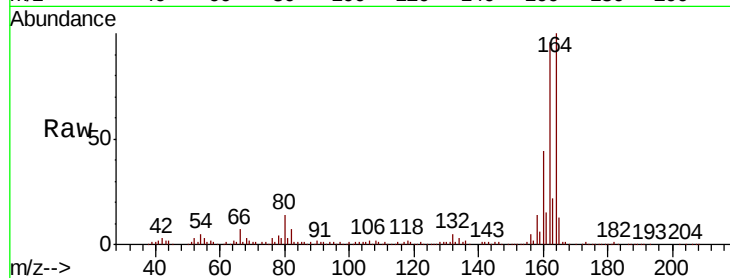
Tgt Ion:164 Resp: 186179

Ion Ratio Lower Upper

164 100

162 95.6 79.6 119.4

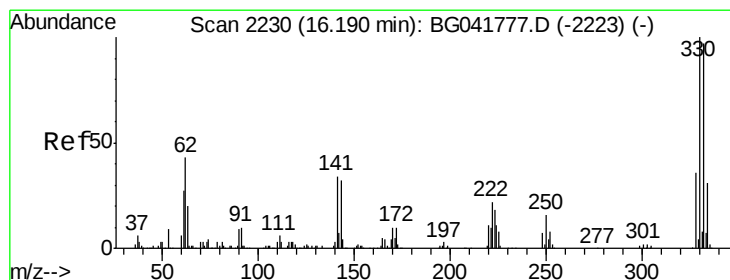
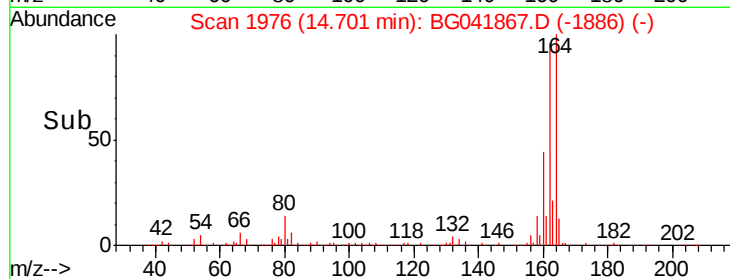
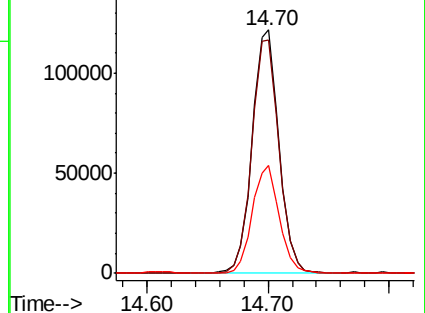
160 44.1 35.4 53.0



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: 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

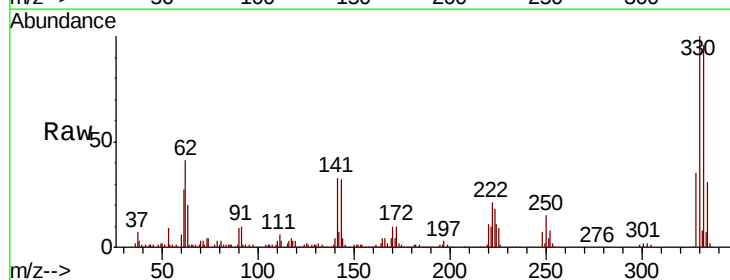
Tgt Ion:330 Resp: 312654

Ion Ratio Lower Upper

330 100

332 95.4 77.4 116.0

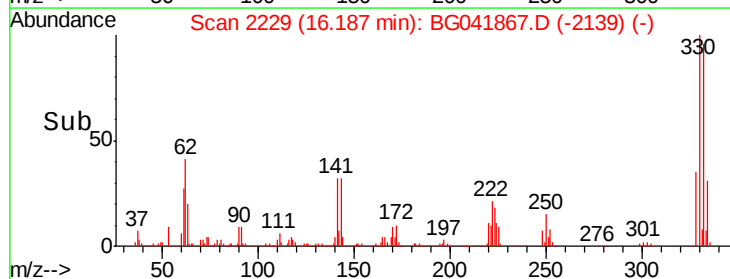
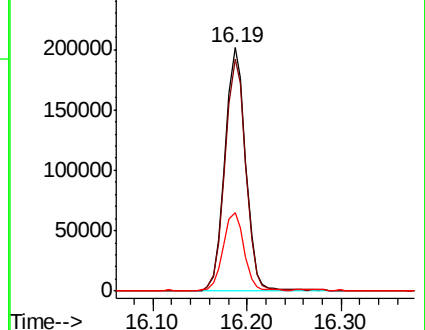
141 32.1 31.9 47.9

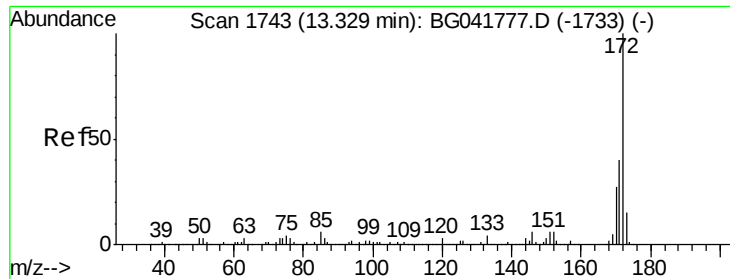


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



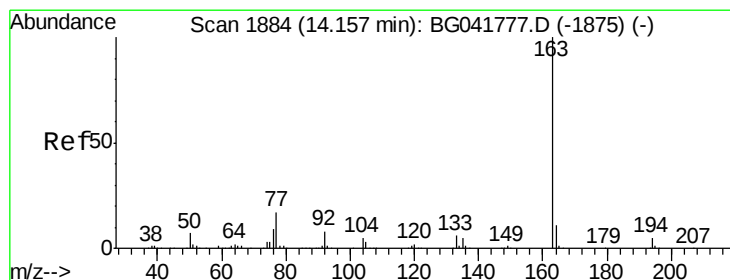
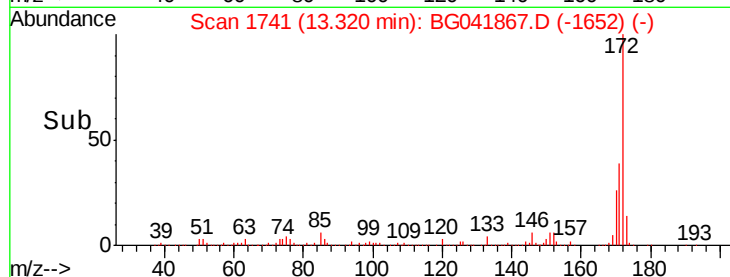
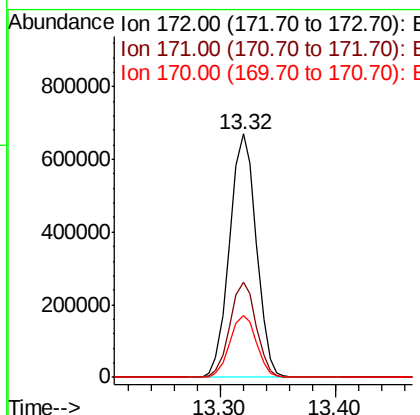
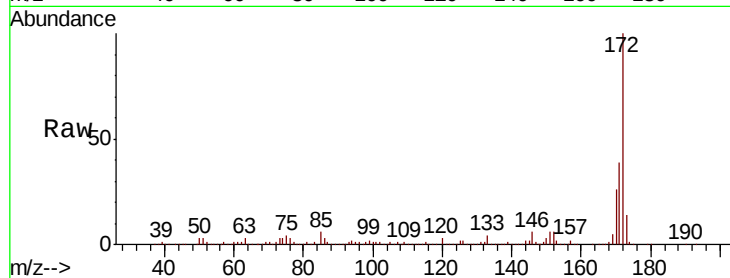


#45
 2-Fluorobiphenyl
 Concen: 101.970 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BG041867.D
 Acq: 1 Aug 2019 17:31

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C5-GW

Tgt Ion:172 Resp: 1076397

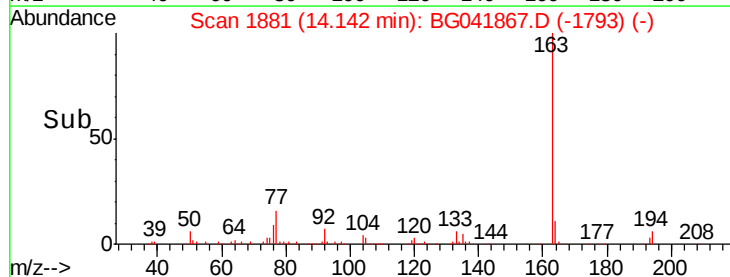
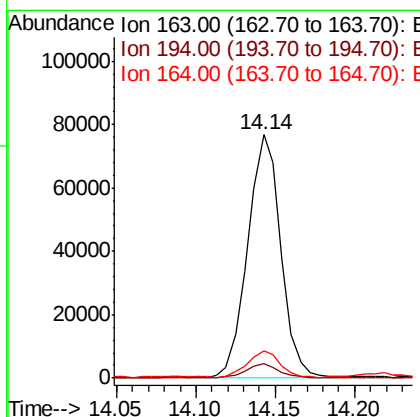
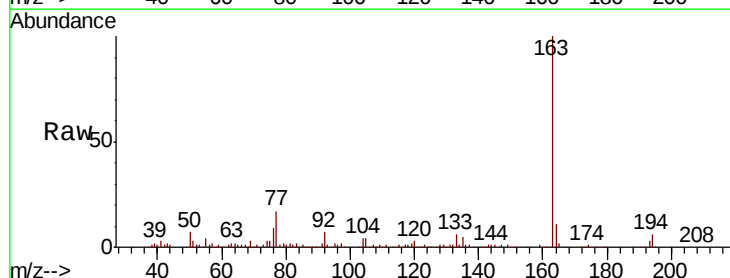
Ion	Ratio	Lower	Upper
172	100		
171	39.0	35.0	52.4
170	25.6	23.5	35.3

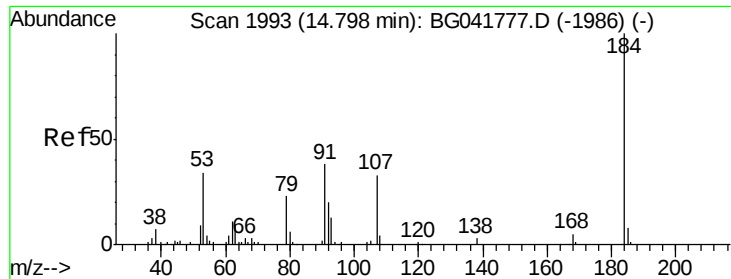


#50
 Dimethylphthalate
 Concen: 8.643 ng
 RT: 14.14 min Scan# 1881
 Delta R.T. -0.01 min
 Lab File: BG041867.D
 Acq: 1 Aug 2019 17:31

Tgt Ion:163 Resp: 109895

Ion	Ratio	Lower	Upper
163	100		
194	6.2	4.2	6.2
164	11.3	9.4	14.2

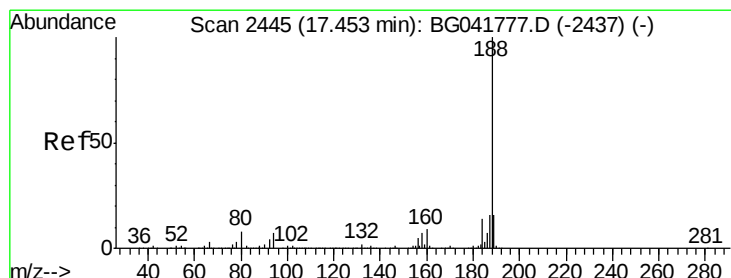
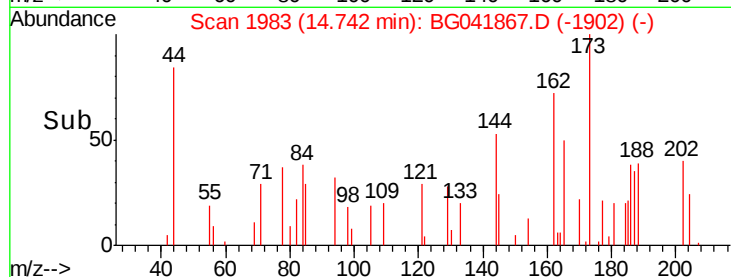
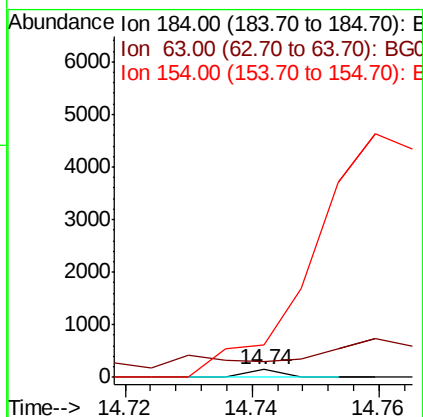
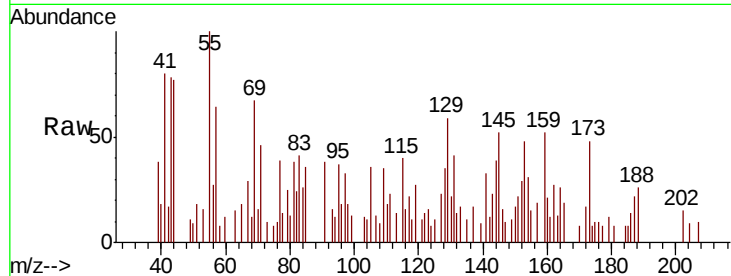




#54
2,4-Dinitrophenol
Concen: 3.296 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.06 min
Lab File: BG041867.D
Acq: 1 Aug 2019 17:31

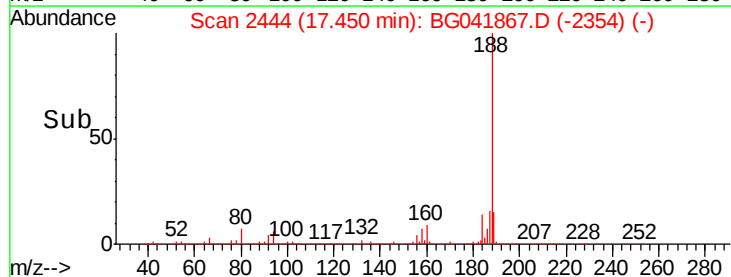
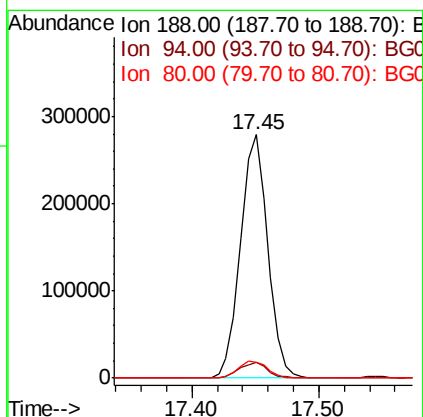
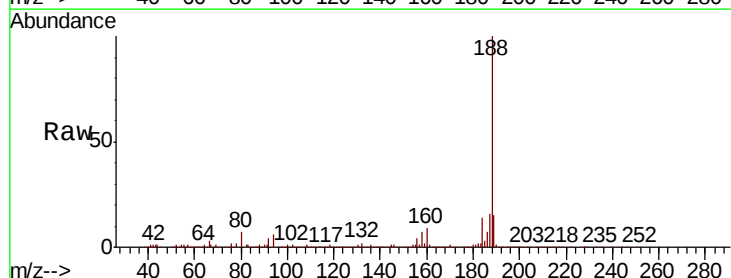
Instrument :
BNA_F
ClientSampleId :
OWL-C5-GW

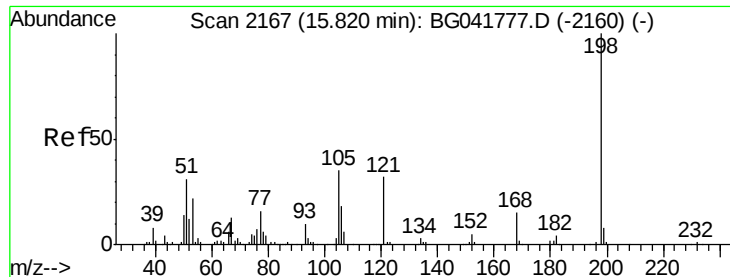
Tgt Ion:184 Resp: 53
Ion Ratio Lower Upper
184 100
63 194.7 43.2 64.8#
154 404.0 51.4 77.2#



#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#





#65

4,6-Dinitro-2-methylphenol

Concen: 6.875 ng

RT: 15.79 min Scan# 2162

Delta R.T. -0.03 min

Lab File: BG041867.D

Acq: 1 Aug 2019 17:31

Instrument :

BNA_F

ClientSampleId :

OWL-C5-GW

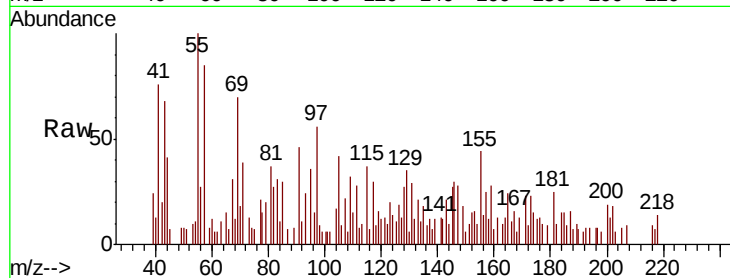
Tgt Ion:198 Resp: 55

Ion Ratio Lower Upper

198 100

51 115.5 22.3 62.3#

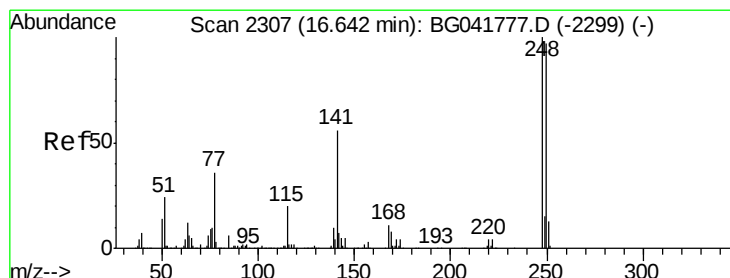
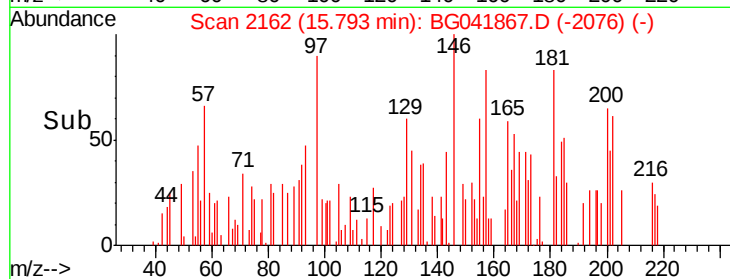
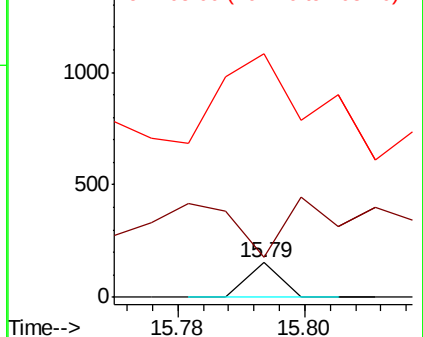
105 698.1 18.0 58.0#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E



#67

4-Bromophenyl-phenylether

Concen: 4.367 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.46 min

Lab File: BG041867.D

Acq: 1 Aug 2019 17:31

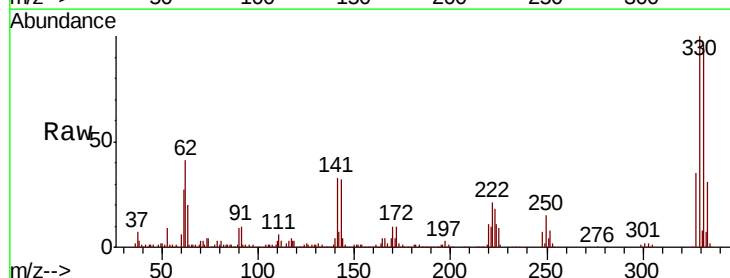
Tgt Ion:248 Resp: 22425

Ion Ratio Lower Upper

248 100

250 206.1 78.1 117.1#

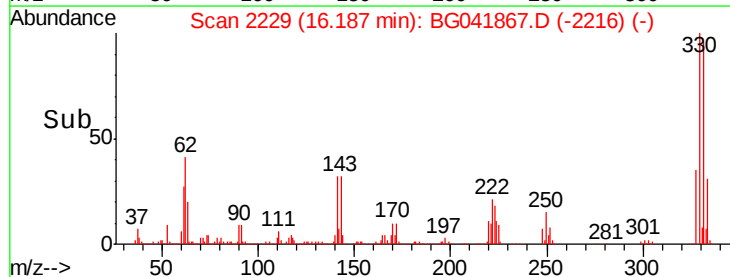
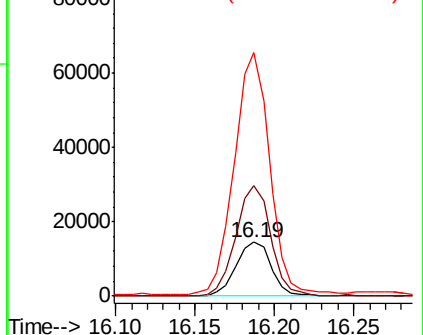
141 452.6 49.6 74.4#

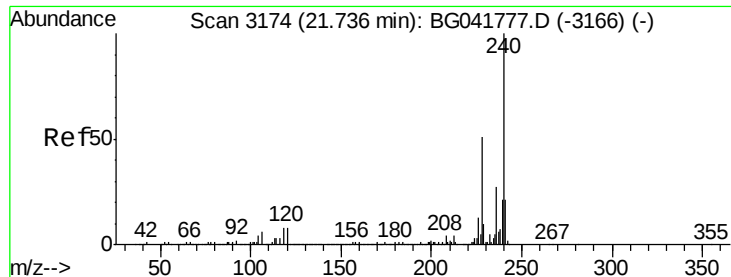


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

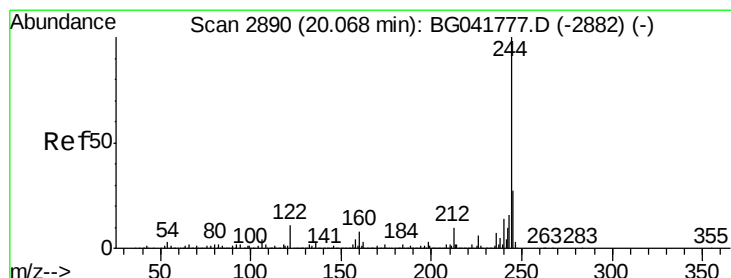
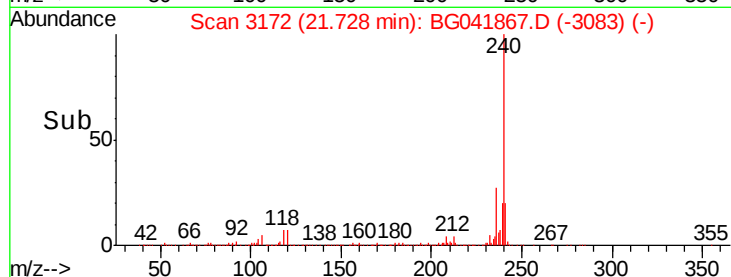
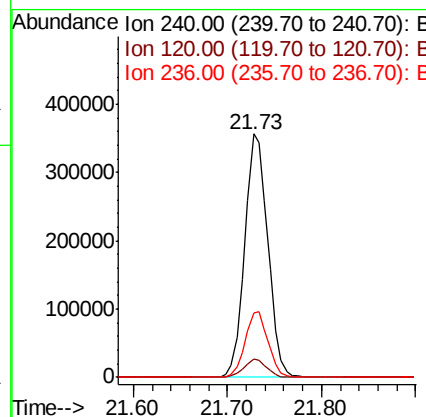
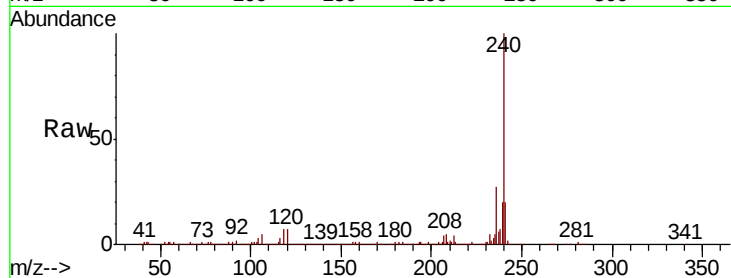




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3172
Delta R.T. -0.01 min
Lab File: BG041867.D
Acq: 1 Aug 2019 17:31

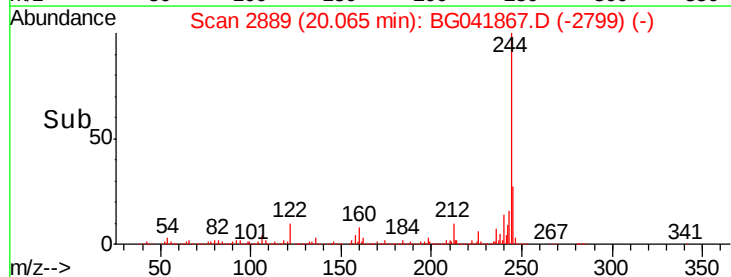
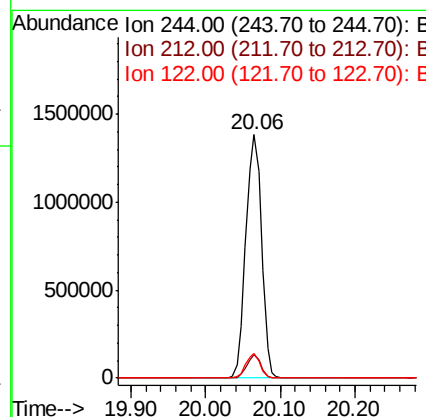
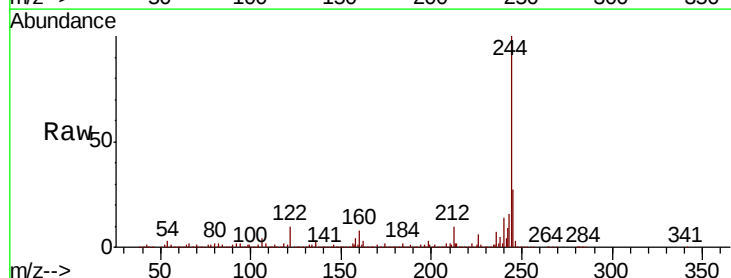
Instrument :
BNA_F
ClientSampleId :
OWL-C5-GW

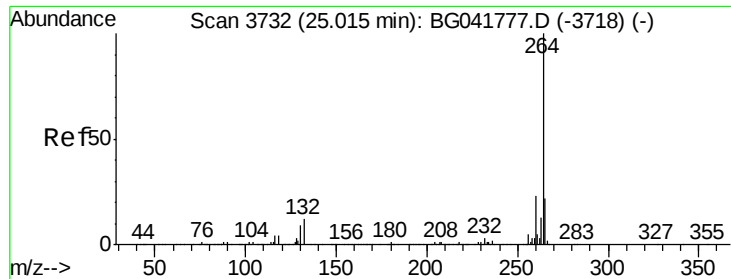
Tgt Ion:240 Resp: 603363
Ion Ratio Lower Upper
240 100
120 7.3 8.0 12.0#
236 26.6 22.6 33.8



#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
Perylene-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_F
ClientSampleId :
OWL-C5-GW

Tgt Ion: 264 Resp: 719582
Ion Ratio Lower Upper
264 100
260 23.7 19.5 29.3
265 21.8 18.0 27.0

