

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080119\
 Data File : BG041870.D
 Acq On : 1 Aug 2019 19:25
 Operator : HP/JU
 Sample : K4048-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C1-GW

Quant Time: Aug 02 01:33:47 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	78114	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	289711	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	203786	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	484158	20.00	ng	0.00
76) Chrysene-d12	21.73	240	619990	20.00	ng	0.00
87) Perylene-d12	25.00	264	726121	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	294761	73.42	ng	0.00
7) Phenol-d6	7.19	99	271735	50.20	ng	0.00
23) Nitrobenzene-d5	9.20	82	447867	106.38	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	396255	171.19	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1163727	100.72	ng	0.00
79) Terphenyl-d14	20.07	244	2237018	82.56	ng	0.00

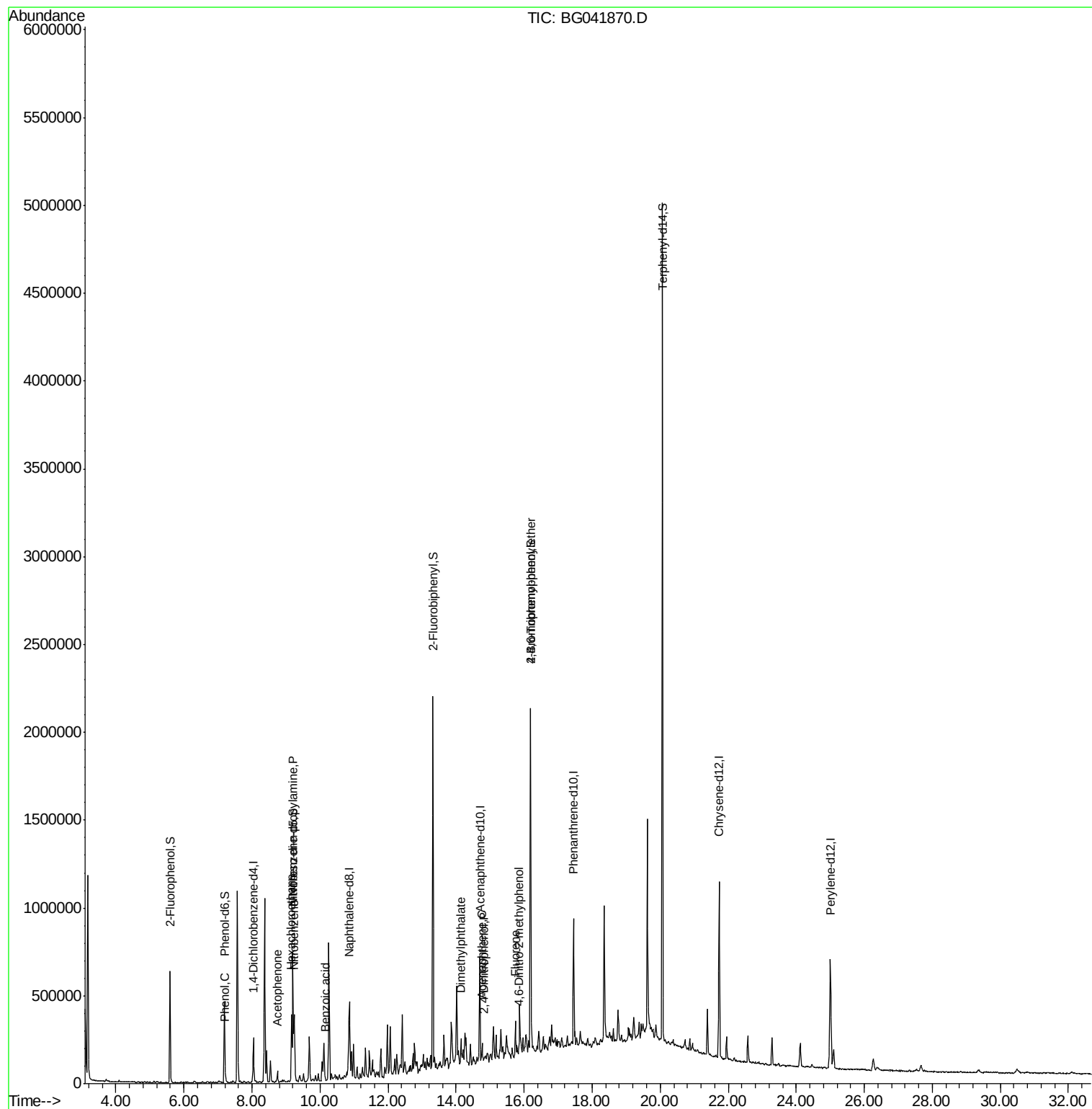
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	7.22	94	20534	3.647	ng	95
18) Hexachloroethane	9.16	117	67312	32.739	ng	# 1
19) n-Nitroso-di-n-propylamine	9.20	70	60121	15.299	ng	# 72
22) Acetophenone	8.75	105	20029	3.091	ng	# 67
24) Nitrobenzene	9.25	77	14942	3.369	ng	# 5
32) Benzoic acid	10.16	122	567	8.907	ng	# 25
50) Dimethylphthalate	14.15	163	106917	7.682	ng	99
52) Acenaphthene	14.76	154	39185	3.611	ng	96
54) 2,4-Dinitrophenol	14.82	184	64	3.301	ng	# 1
58) Fluorene	15.74	166	60507	4.543	ng	99
65) 4,6-Dinitro-2-methylphenol	15.83	198	62	6.875	ng	# 1
67) 4-Bromophenyl-phenylether	16.18	248	28977	4.859	ng	# 1

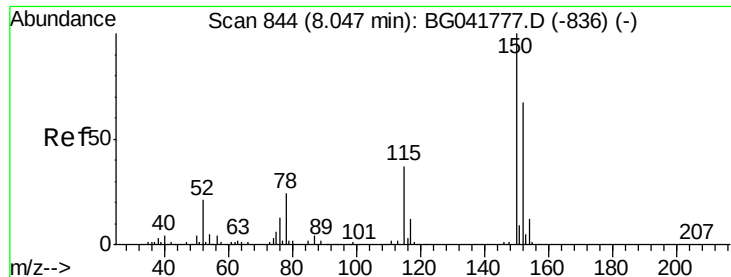
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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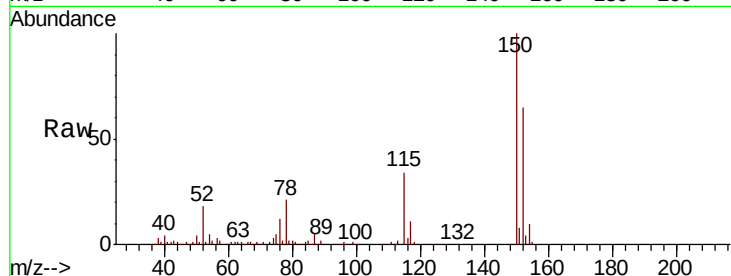


#1

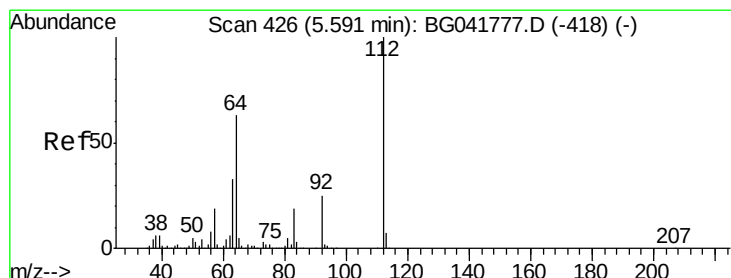
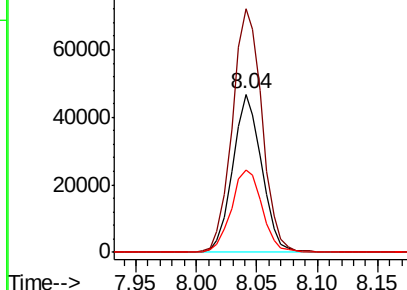
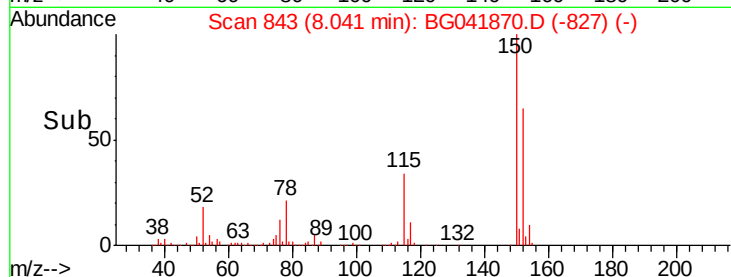
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG041870.D
Acq: 1 Aug 2019 19:25

Instrument :
BNA_F
ClientSampleId :
OWL-C1-GW

Tgt Ion:152 Resp: 78114
Ion Ratio Lower Upper
152 100
150 154.0 126.9 190.3
115 52.2 45.0 67.6



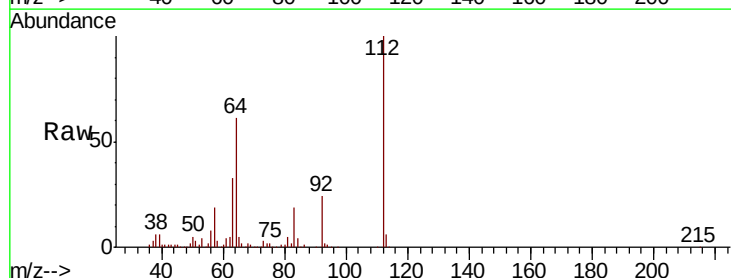
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



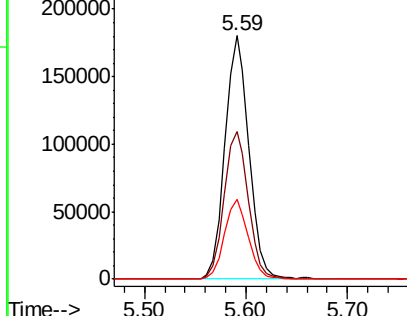
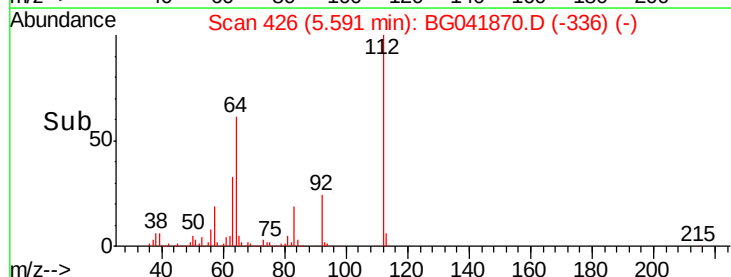
#5

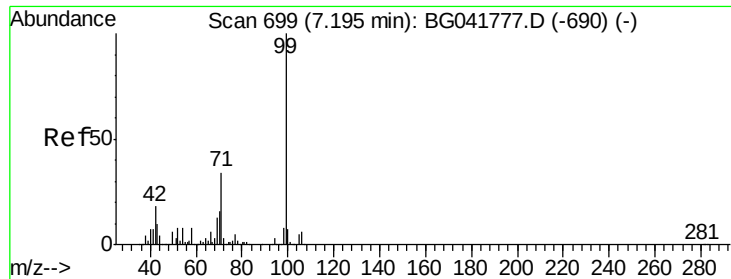
2-Fluorophenol
Concen: 73.417 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG041870.D
Acq: 1 Aug 2019 19:25

Tgt Ion:112 Resp: 294761
Ion Ratio Lower Upper
112 100
64 60.6 55.4 83.2
63 32.5 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: 50.203 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG041870.D

Acq: 1 Aug 2019 19:25

Instrument :

BNA_F

ClientSampleId :

OWL-C1-GW

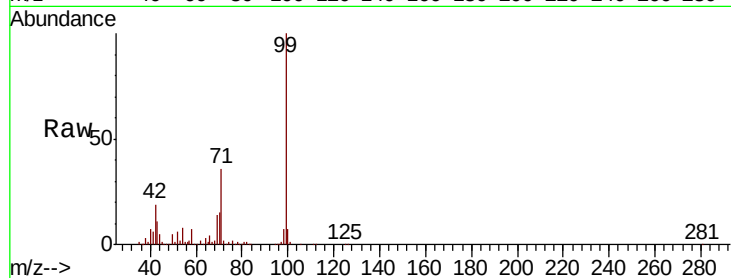
Tgt Ion: 99 Resp: 271735

Ion Ratio Lower Upper

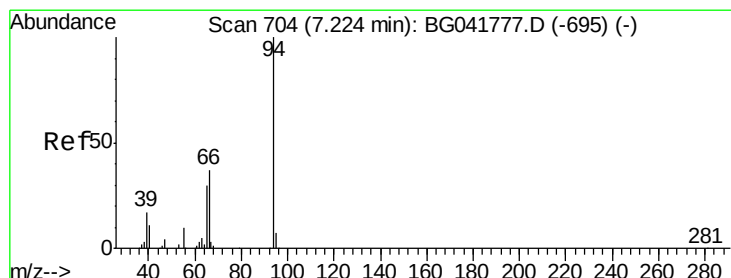
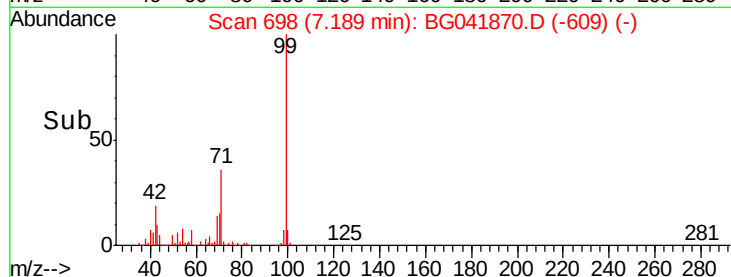
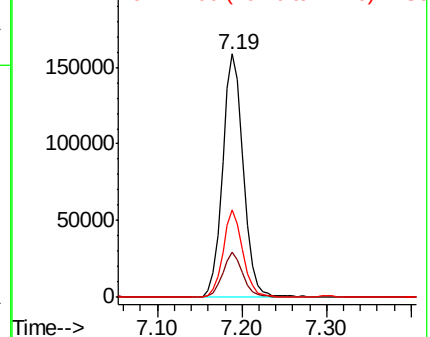
99 100

42 18.5 17.6 26.4

71 35.7 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: 3.647 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.01 min

Lab File: BG041870.D

Acq: 1 Aug 2019 19:25

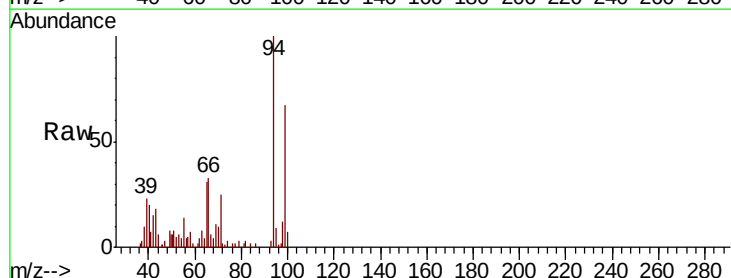
Tgt Ion: 94 Resp: 20534

Ion Ratio Lower Upper

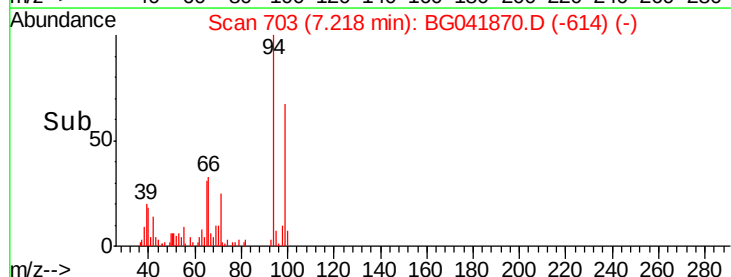
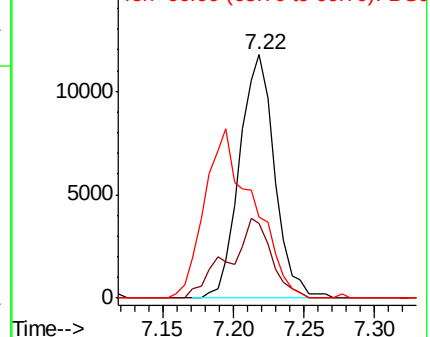
94 100

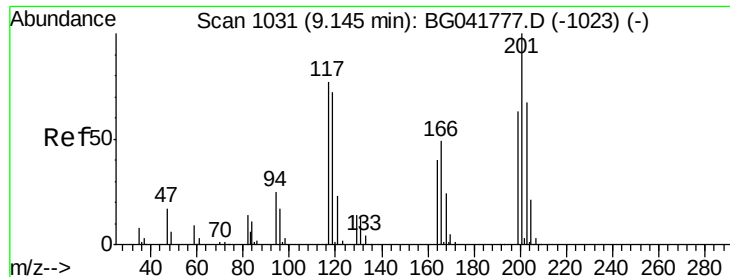
65 30.9 10.6 50.6

66 33.3 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

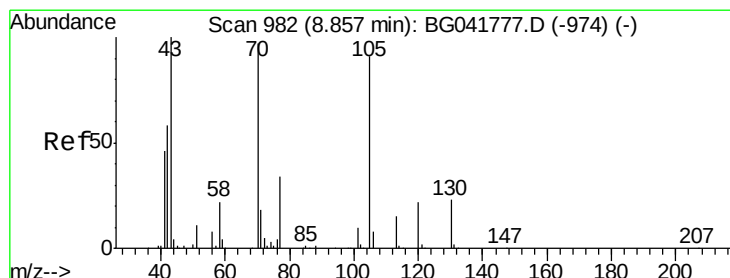
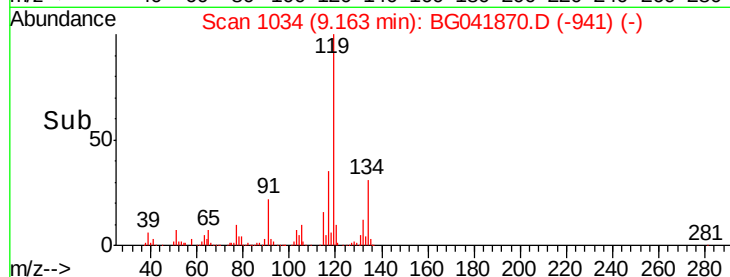
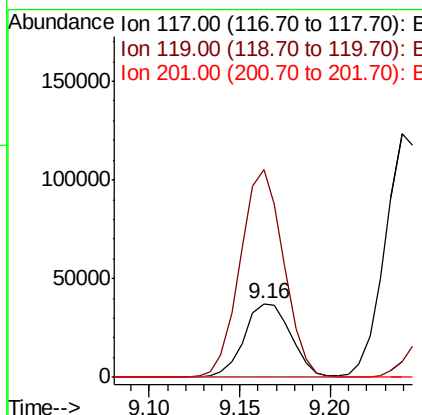
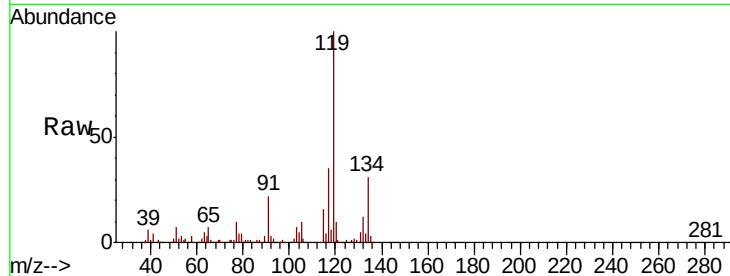




#18
Hexachloroethane
Concen: 32.739 ng
RT: 9.16 min Scan# 1034
Delta R.T. 0.02 min
Lab File: BG041870.D
Acq: 1 Aug 2019 19:25

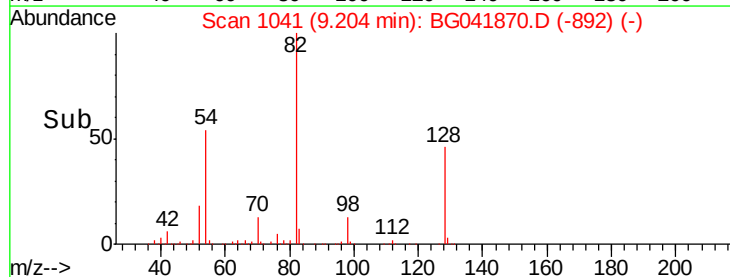
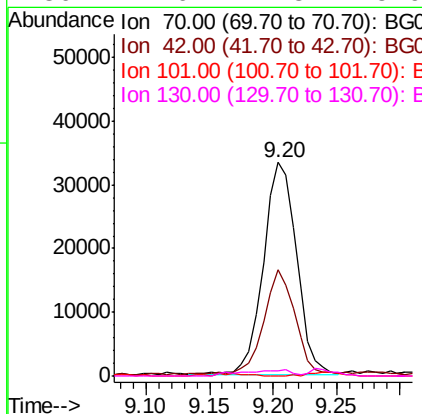
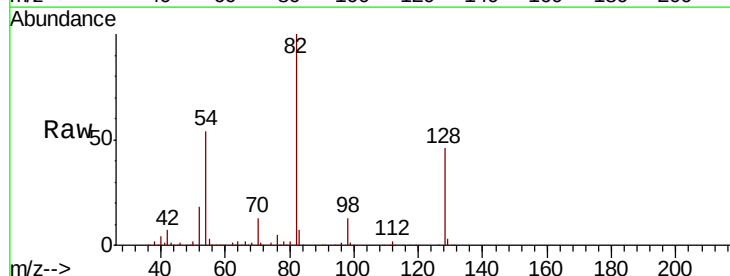
Instrument :
BNA_F
ClientSampleId :
OWL-C1-GW

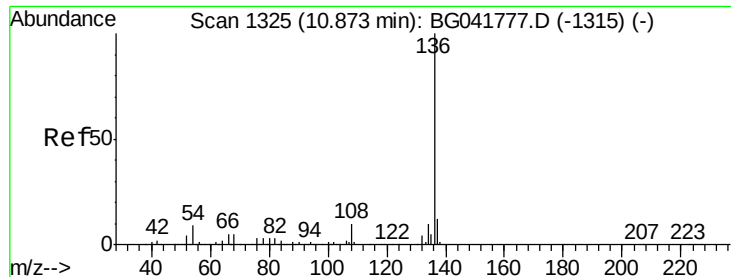
Tgt Ion: 117 Resp: 67312
Ion Ratio Lower Upper
117 100
119 283.7 76.2 114.2#
201 0.0 94.1 141.1#



#19
n-Nitroso-di-n-propylamine
Concen: 15.299 ng
RT: 9.20 min Scan# 1041
Delta R.T. 0.35 min
Lab File: BG041870.D
Acq: 1 Aug 2019 19:25

Tgt Ion: 70 Resp: 60121
Ion Ratio Lower Upper
70 100
42 49.5 55.8 83.6#
101 0.0 8.1 12.1#
130 2.6 17.3 25.9#

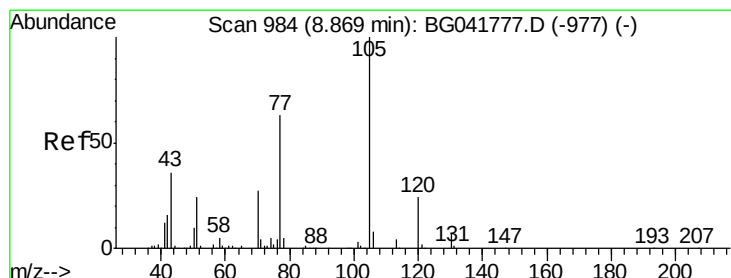
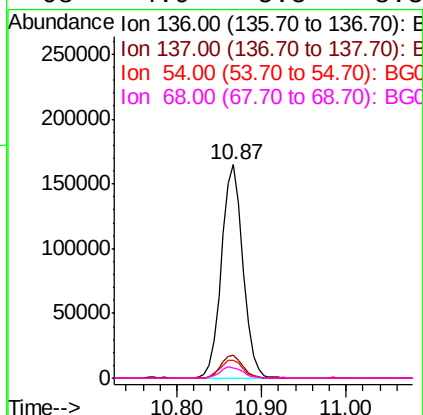
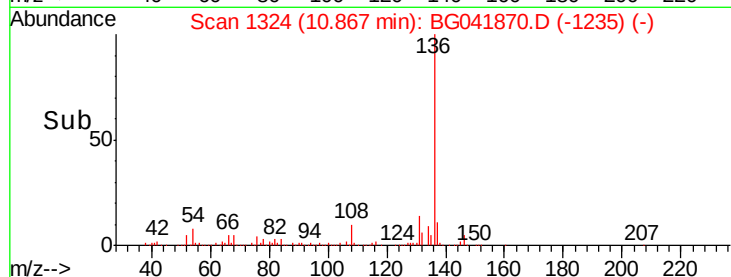
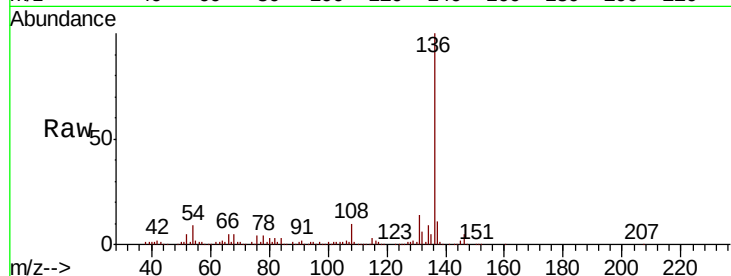




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG041870.D
Acq: 1 Aug 2019 19:25

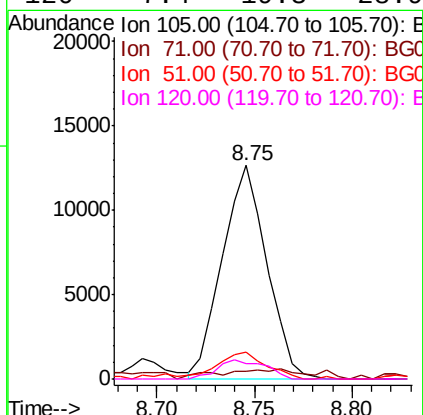
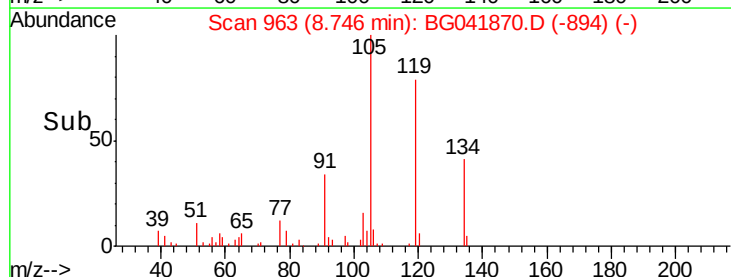
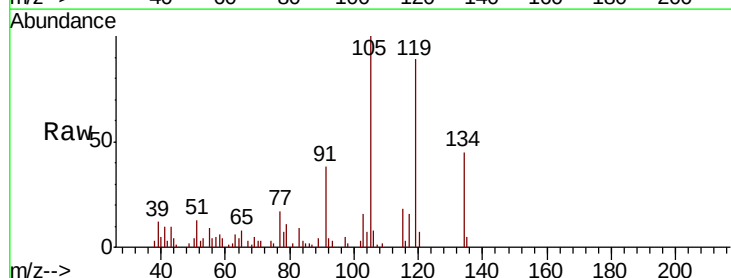
Instrument :
BNA_F
ClientSampleId :
OWL-C1-GW

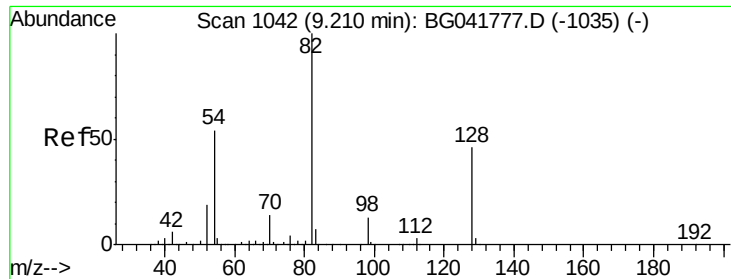
Tgt Ion:	136	Resp:	289711
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	8.5	8.7	13.1#
68	4.9	5.5	8.3#



#22
Acetophenone
Concen: 3.091 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.12 min
Lab File: BG041870.D
Acq: 1 Aug 2019 19:25

Tgt Ion:	105	Resp:	20029
Ion	Ratio	Lower	Upper
105	100		
71	3.5	5.9	8.9#
51	12.8	27.7	41.5#
120	7.4	19.3	28.9#

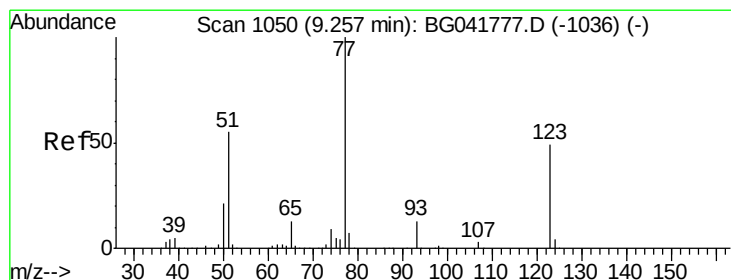
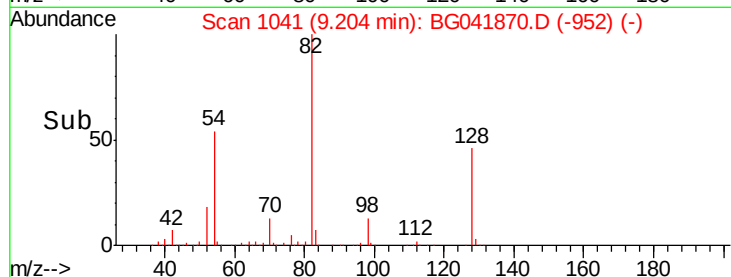
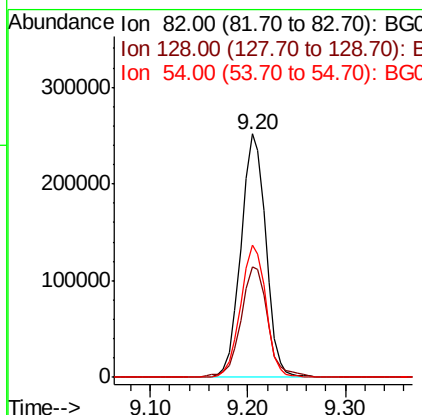
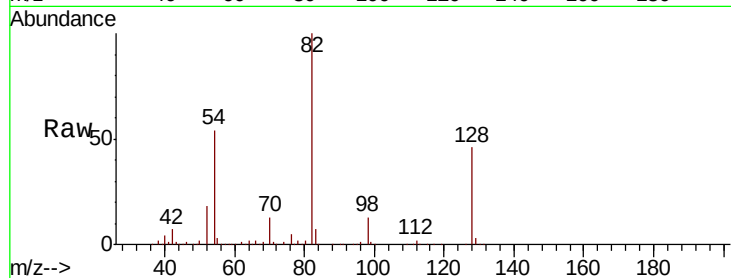




#23
 Nitrobenzene-d5
 Concen: 106.384 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG041870.D
 Acq: 1 Aug 2019 19:25

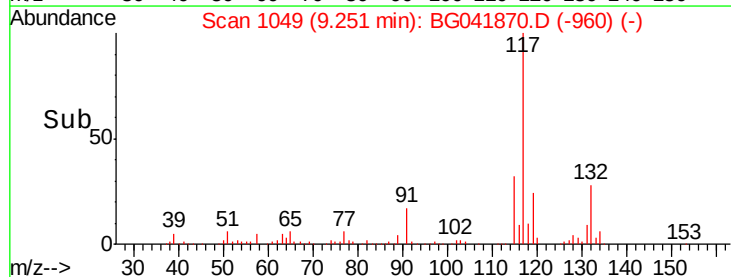
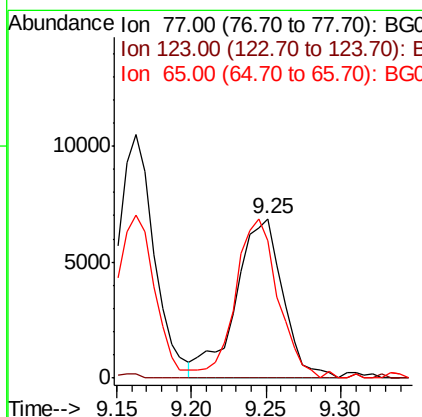
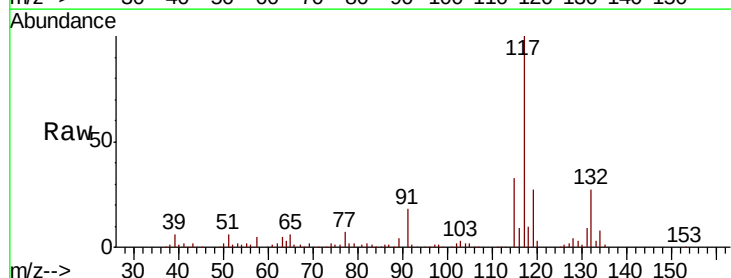
Instrument :
 BNA_F
 ClientSampleId :
 OWL-C1-GW

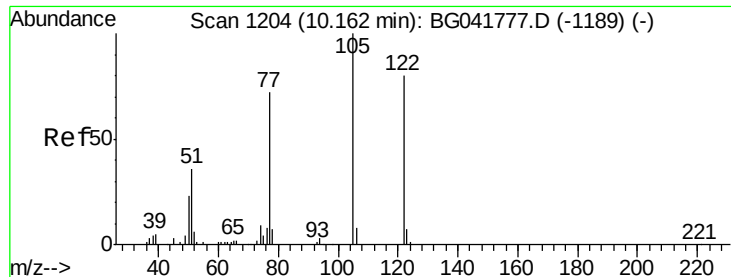
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.6	35.1	52.7
54	54.5	48.7	73.1



#24
 Nitrobenzene
 Concen: 3.369 ng
 RT: 9.25 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BG041870.D
 Acq: 1 Aug 2019 19:25

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	38.1	57.1#
65	86.6	11.0	16.6#

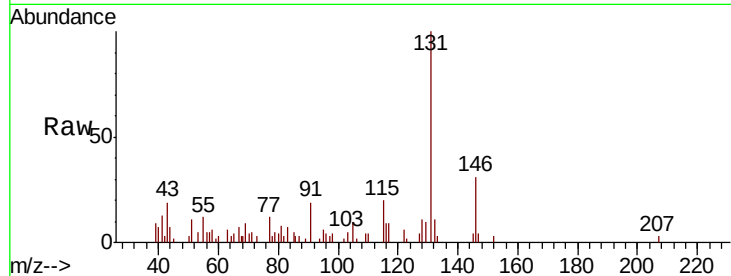




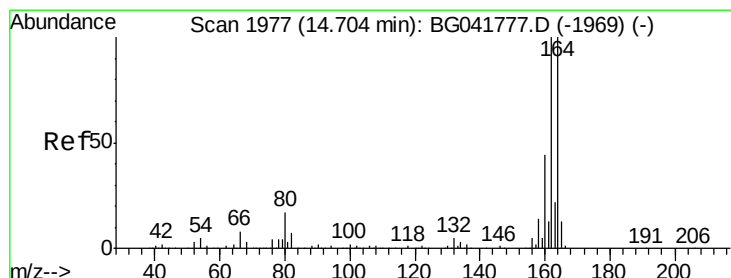
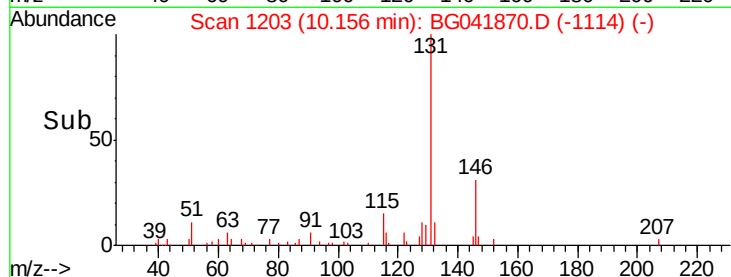
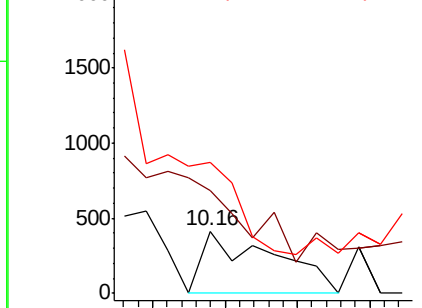
#32
Benzoic acid
Concen: 8.907 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BG041870.D
Acq: 1 Aug 2019 19:25

Instrument :
BNA_F
ClientSampleId :
OWL-C1-GW

Tgt Ion:122 Resp: 567
Ion Ratio Lower Upper
122 100
105 166.2 101.5 141.5#
77 209.9 73.0 113.0#

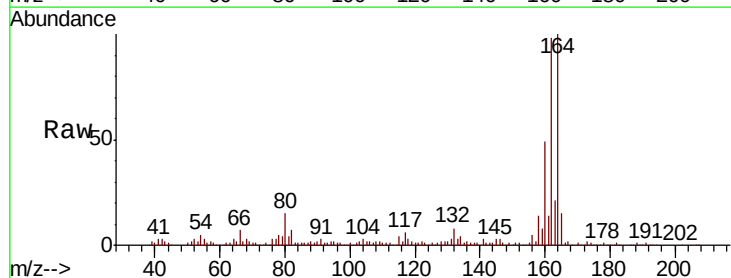


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

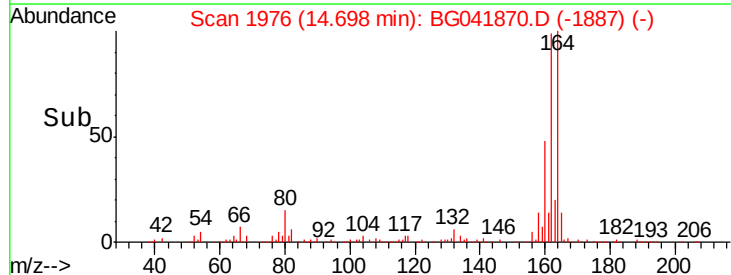
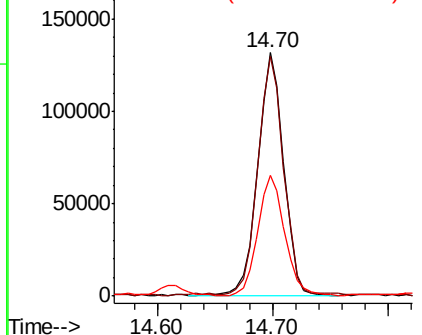


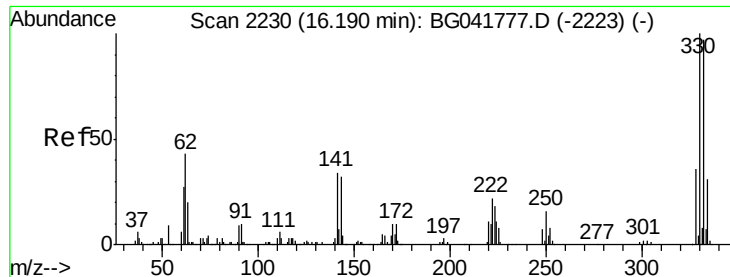
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG041870.D
Acq: 1 Aug 2019 19:25

Tgt Ion:164 Resp: 203786
Ion Ratio Lower Upper
164 100
162 98.3 79.6 119.4
160 49.4 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

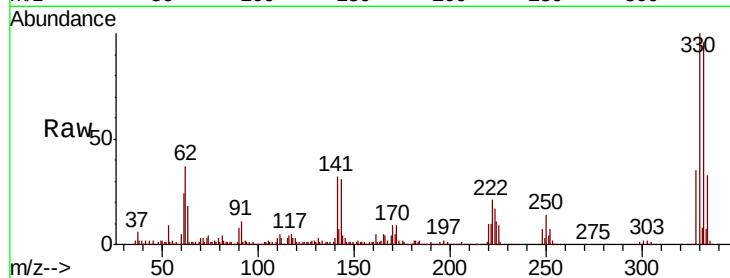




#42
 2,4,6-Tribromophenol
 Concen: 171.188 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. 0.00 min
 Lab File: BG041870.D
 Acq: 1 Aug 2019 19:25

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C1-GW

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.0
141	32.9	31.9	47.9

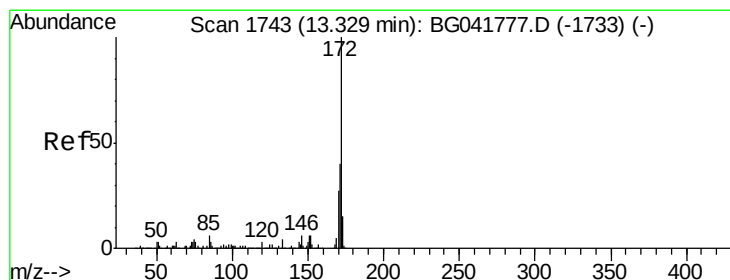
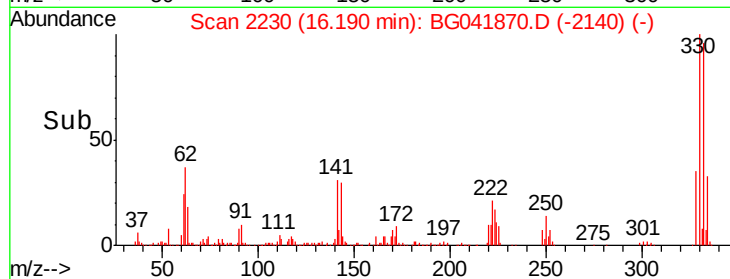
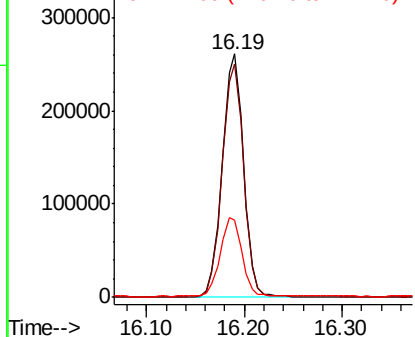


Abundance

Ion 329.80 (329.50 to 330.50): E

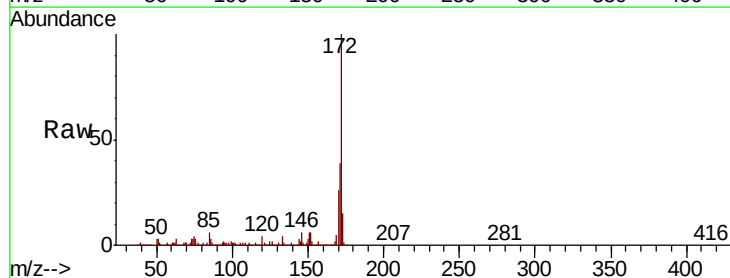
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 100.718 ng
 RT: 13.32 min Scan# 1742
 Delta R.T. -0.01 min
 Lab File: BG041870.D
 Acq: 1 Aug 2019 19:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	35.0	52.4
170	26.3	23.5	35.3

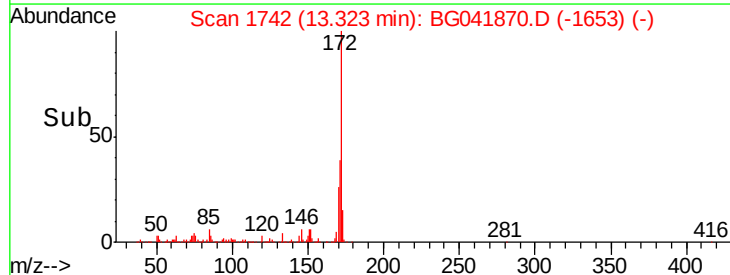
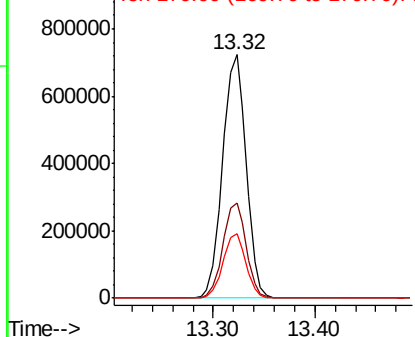


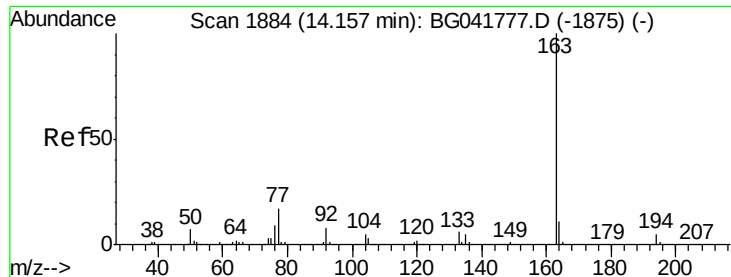
Abundance

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: 7.682 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.01 min

Lab File: BG041870.D

Acq: 1 Aug 2019 19:25

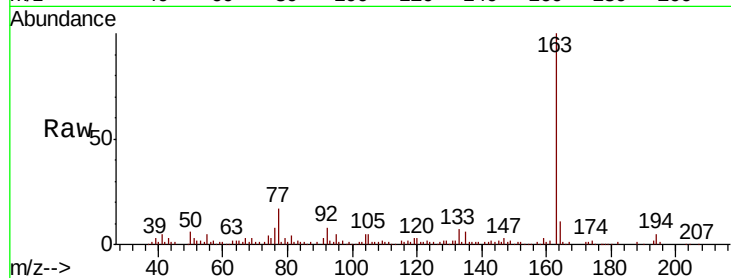
Instrument :

BNA_F

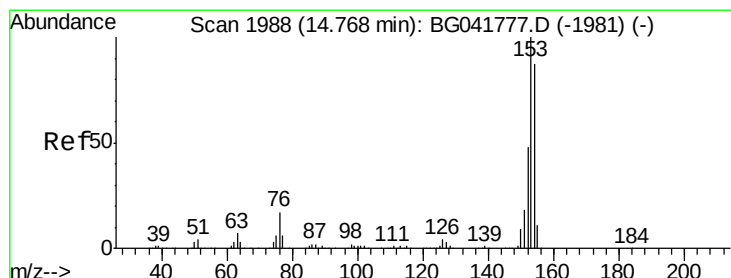
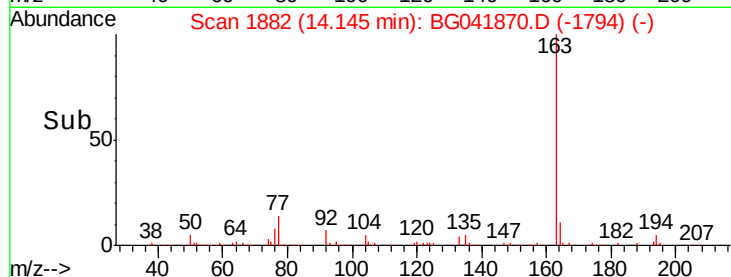
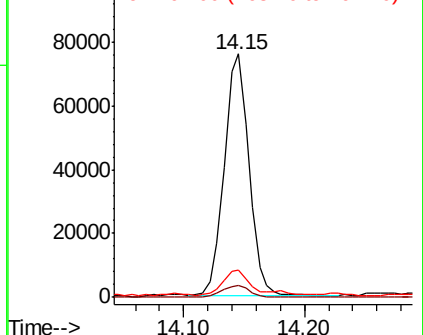
ClientSampleId :

OWL-C1-GW

Tgt Ion:163	Resp: 106917
Ion Ratio	Lower Upper
163 100	
194 4.8	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



#52

Acenaphthene

Concen: 3.611 ng

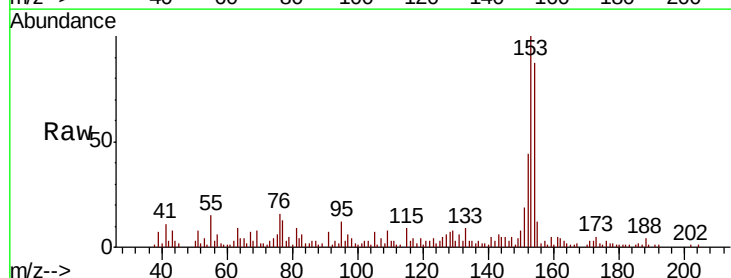
RT: 14.76 min Scan# 1987

Delta R.T. -0.01 min

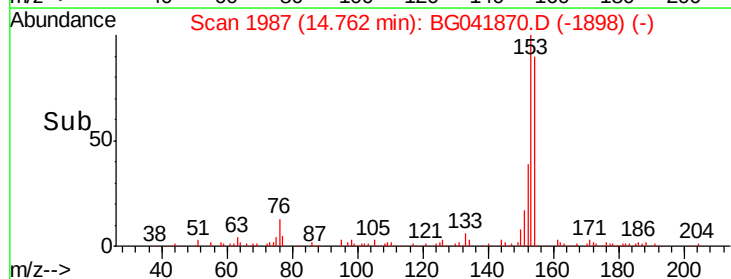
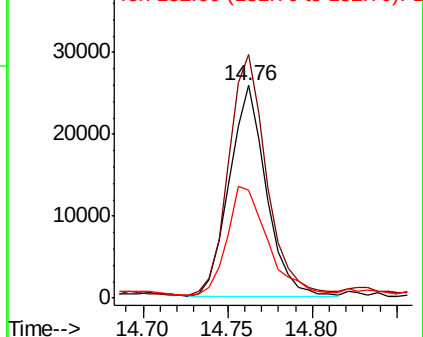
Lab File: BG041870.D

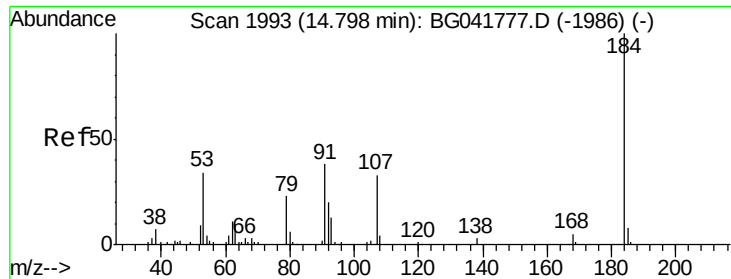
Acq: 1 Aug 2019 19:25

Tgt Ion:154	Resp: 39185
Ion Ratio	Lower Upper
154 100	
153 114.7	89.8 134.6
152 50.8	44.9 67.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

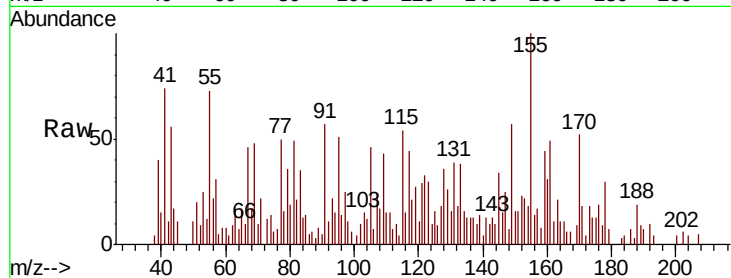




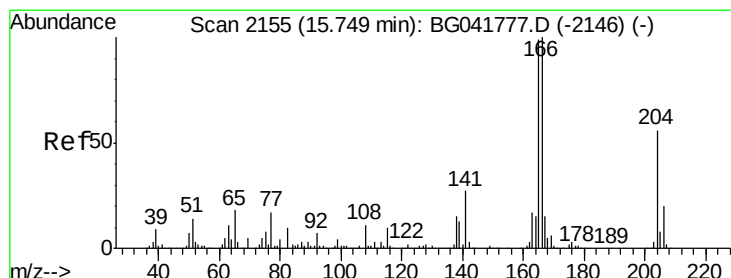
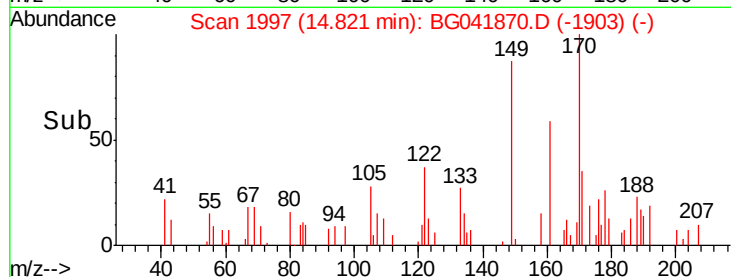
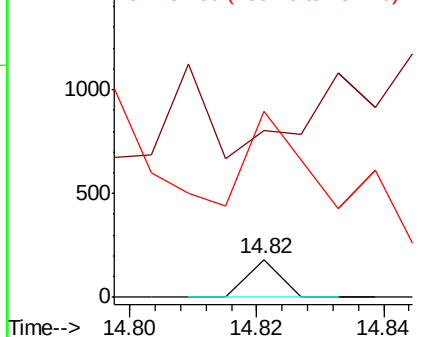
#54
 2,4-Dinitrophenol
 Concen: 3.301 ng
 RT: 14.82 min Scan# 1997
 Delta R.T. 0.02 min
 Lab File: BG041870.D
 Acq: 1 Aug 2019 19:25

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C1-GW

Tgt Ion:184 Resp: 64
 Ion Ratio Lower Upper
 184 100
 63 440.1 43.2 64.8#
 154 490.7 51.4 77.2#

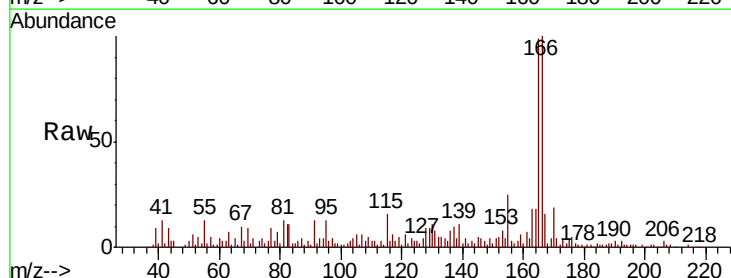


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

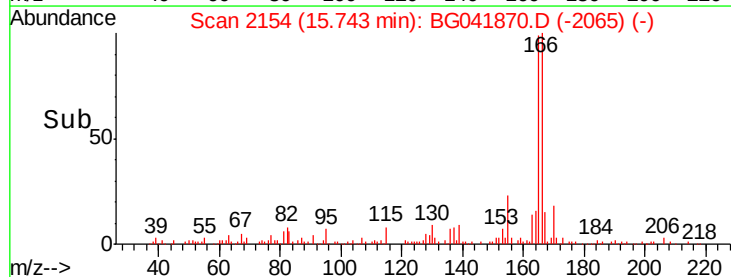
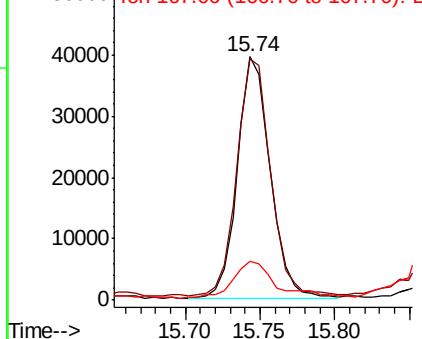


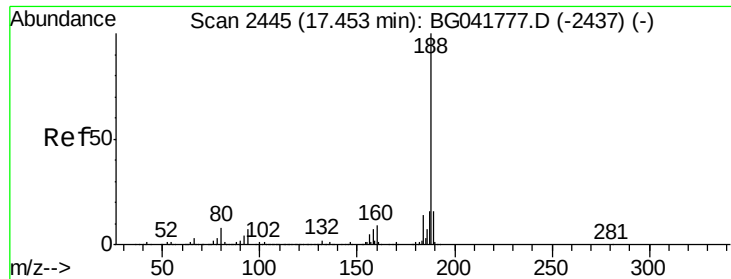
#58
 Fluorene
 Concen: 4.543 ng
 RT: 15.74 min Scan# 2154
 Delta R.T. -0.01 min
 Lab File: BG041870.D
 Acq: 1 Aug 2019 19:25

Tgt Ion:166 Resp: 60507
 Ion Ratio Lower Upper
 166 100
 165 99.2 80.5 120.7
 167 16.0 12.4 18.6



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2444

Delta R.T. -0.01 min

Lab File: BG041870.D

Acq: 1 Aug 2019 19:25

Instrument :

BNA_F

ClientSampleId :

OWL-C1-GW

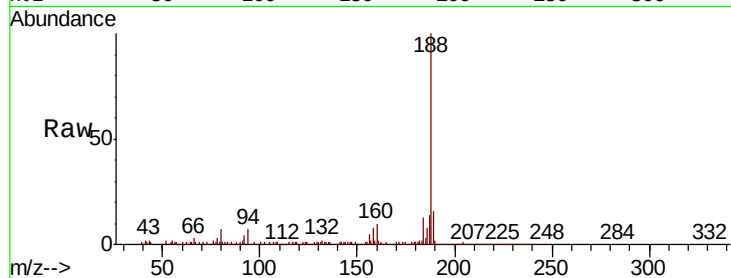
Tgt Ion:188 Resp: 484158

Ion Ratio Lower Upper

188 100

94 6.9 6.9 10.3

80 7.0 8.0 12.0#



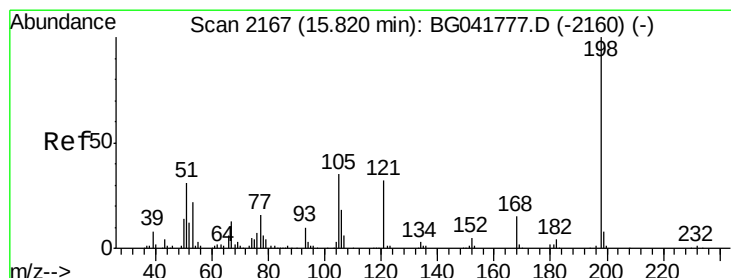
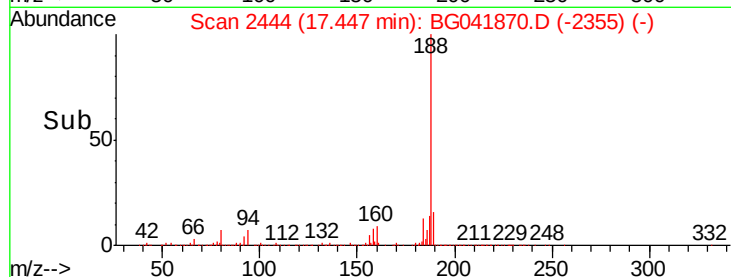
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

17.45

Time--> 17.30 17.40 17.50



#65

4,6-Dinitro-2-methylphenol

Concen: 6.875 ng

RT: 15.83 min Scan# 2169

Delta R.T. 0.01 min

Lab File: BG041870.D

Acq: 1 Aug 2019 19:25

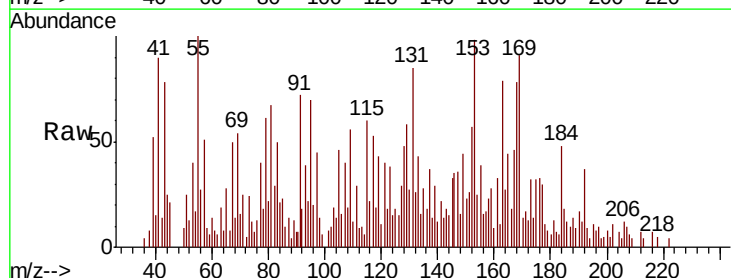
Tgt Ion:198 Resp: 62

Ion Ratio Lower Upper

198 100

51 597.7 22.3 62.3#

105 1087.0 18.0 58.0#



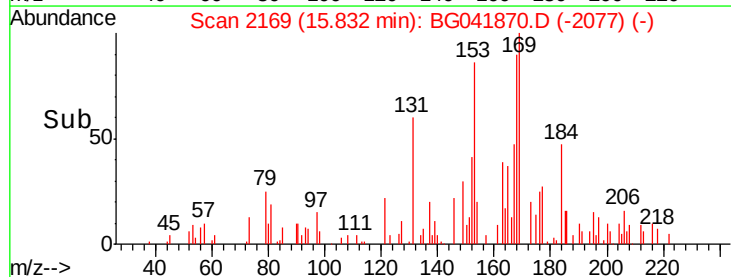
Abundance Ion 198.00 (197.70 to 198.70): E

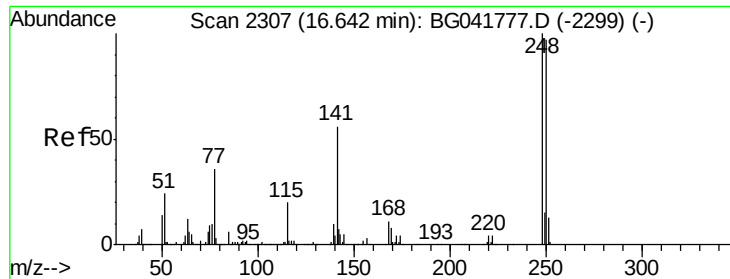
Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

15.83

Time--> 15.82 15.83 15.84

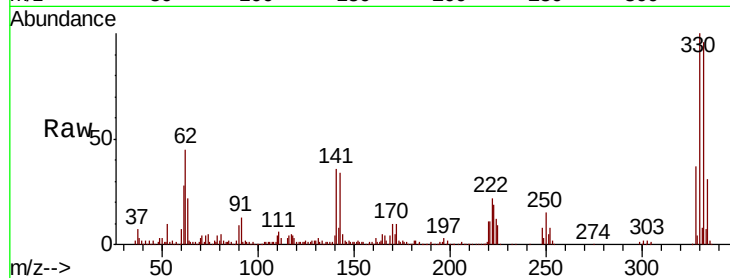




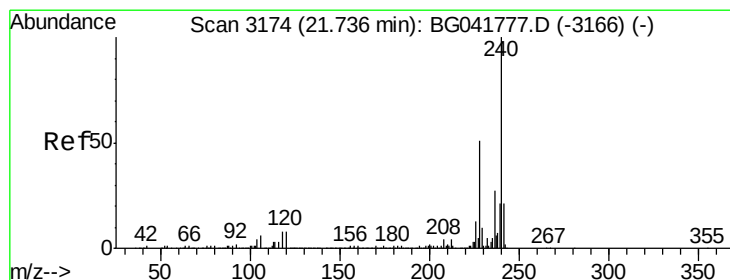
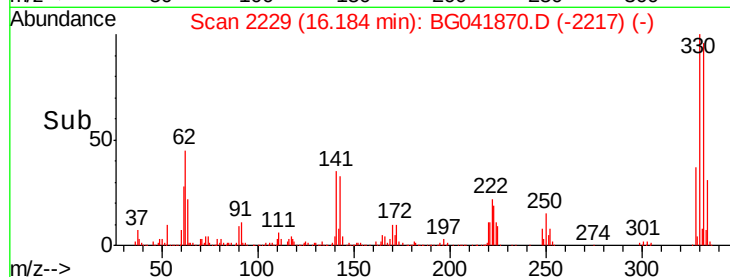
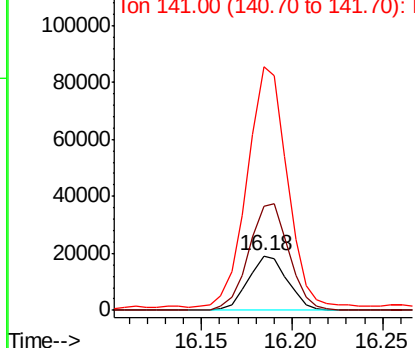
#67
 4-Bromophenyl-phenylether
 Concen: 4.859 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.46 min
 Lab File: BG041870.D
 Acq: 1 Aug 2019 19:25

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C1-GW

Tgt Ion:248 Resp: 28977
 Ion Ratio Lower Upper
 248 100
 250 191.1 78.1 117.1#
 141 446.3 49.6 74.4#

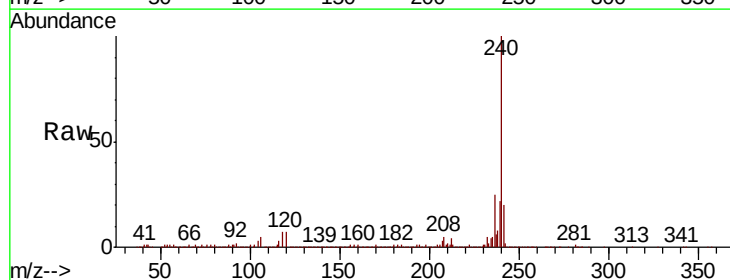


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

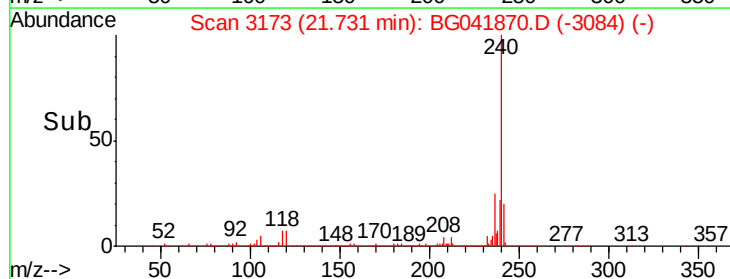
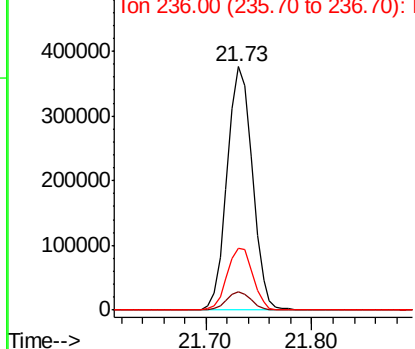


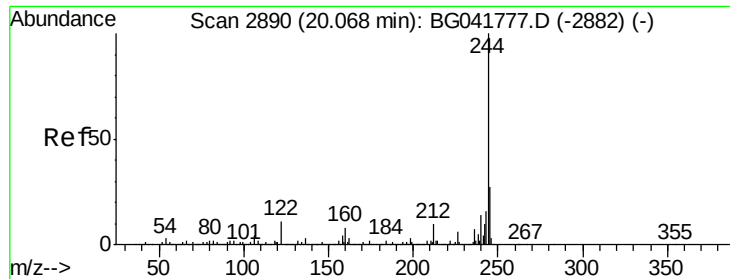
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3173
 Delta R.T. -0.01 min
 Lab File: BG041870.D
 Acq: 1 Aug 2019 19:25

Tgt Ion:240 Resp: 619990
 Ion Ratio Lower Upper
 240 100
 120 7.4 8.0 12.0#
 236 25.4 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: 82.564 ng

RT: 20.07 min Scan# 2890

Delta R.T. 0.00 min

Lab File: BG041870.D

Acq: 1 Aug 2019 19:25

Instrument :

BNA_F

ClientSampleId :

OWL-C1-GW

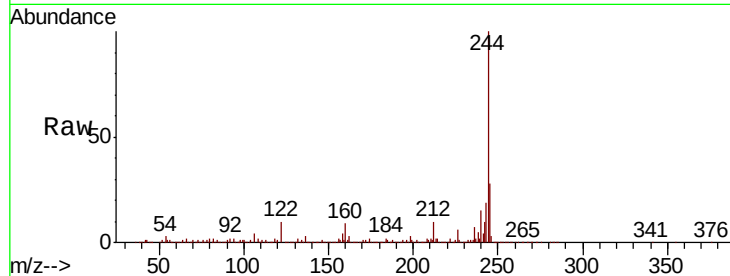
Tgt Ion:244 Resp: 2237018

Ion Ratio Lower Upper

244 100

212 10.2 9.7 14.5

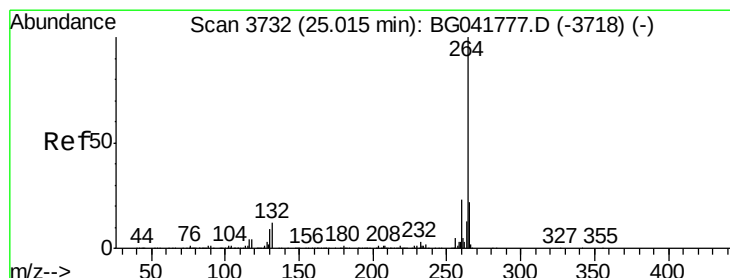
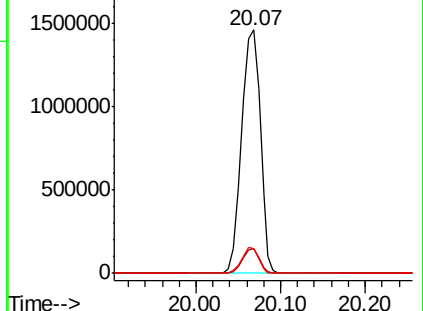
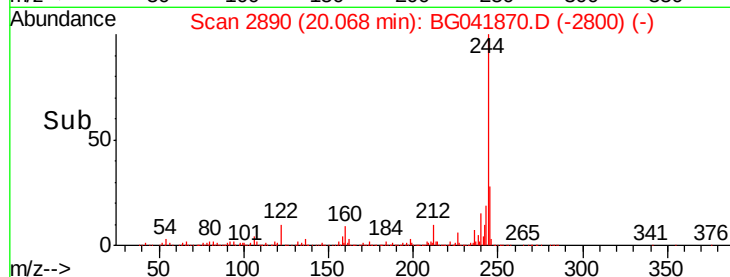
122 10.2 12.5 18.7#



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: BG041870.D

Acq: 1 Aug 2019 19:25

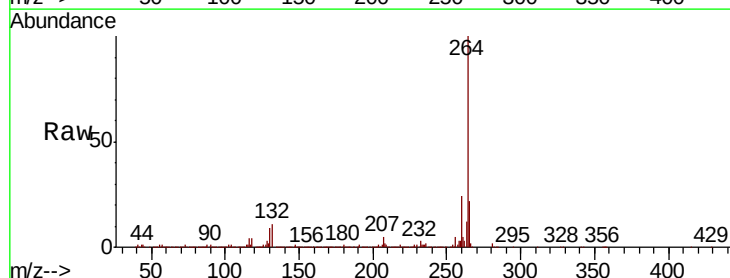
Tgt Ion:264 Resp: 726121

Ion Ratio Lower Upper

264 100

260 24.0 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

