

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080119\
 Data File : BG041855.D
 Acq On : 1 Aug 2019 9:48
 Operator : HP/JU
 Sample : K4048-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OWL-C8-GW

Quant Time: Aug 01 15:05:26 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

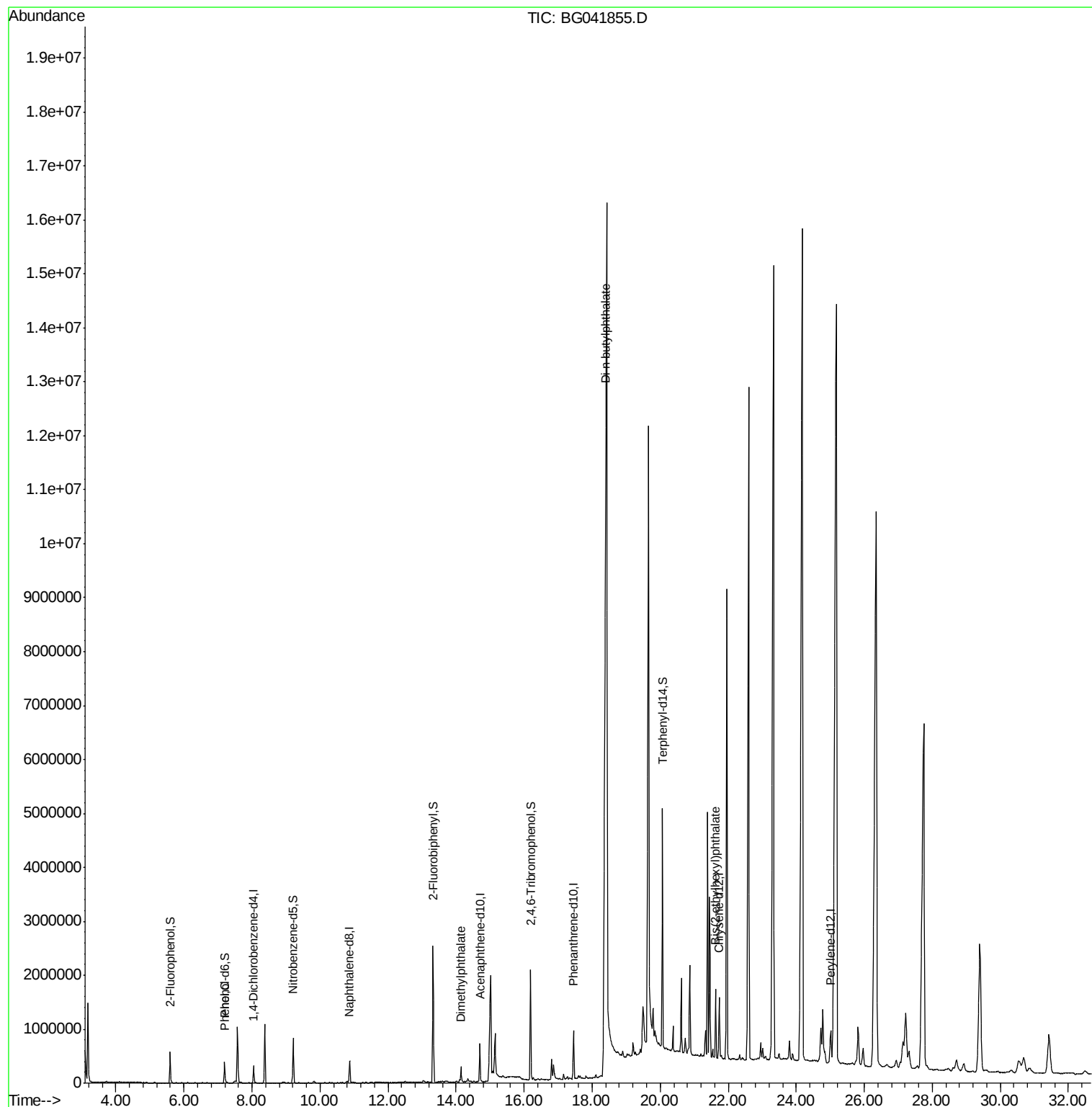
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	96746	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	367320	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	267547	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	597568	20.00	ng	0.00
76) Chrysene-d12	21.74	240	632239	20.00	ng	0.00
87) Perylene-d12	25.01	264	725279	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	265582	53.41	ng	0.00
7) Phenol-d6	7.19	99	231282	34.50	ng	0.00
23) Nitrobenzene-d5	9.21	82	502540	94.15	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	400554	131.81	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1332251	87.82	ng	0.00
79) Terphenyl-d14	20.07	244	2024276	73.26	ng	0.00
Target Compounds						
10) Phenol	7.22	94	15176	2.176	ng	84
50) Dimethylphthalate	14.15	163	196531	10.756	ng	99
74) Di-n-butylphthalate	18.40	149	71724	2.467	ng	# 98
84) Bis(2-ethylhexyl)phthalate	21.63	149	570793	28.812	ng	95

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

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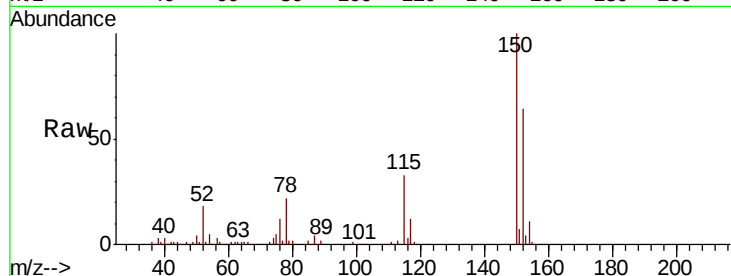


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BG041855.D
Acq: 1 Aug 2019 9:48

Instrument :
BNA_G
ClientSampleId :
OWL-C8-GW

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	126.9	190.3
115	51.5	45.0	67.6

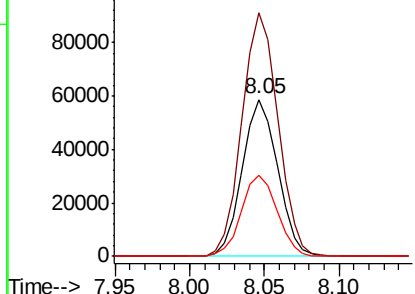
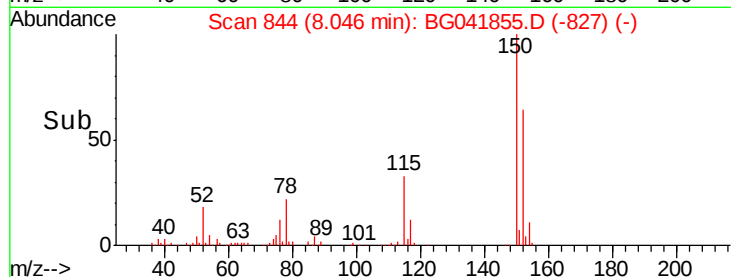


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

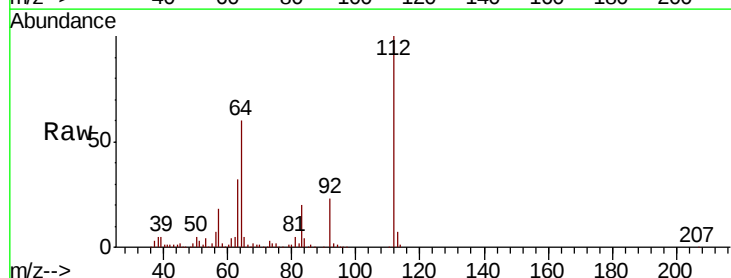
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 53.410 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.01 min
Lab File: BG041855.D
Acq: 1 Aug 2019 9:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.3	55.4	83.2
63	31.6	29.1	43.7

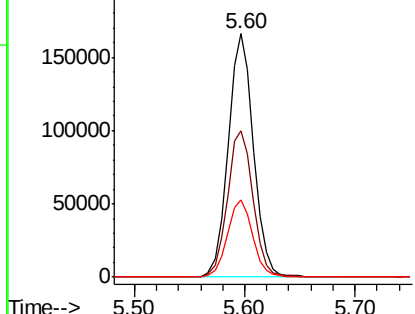
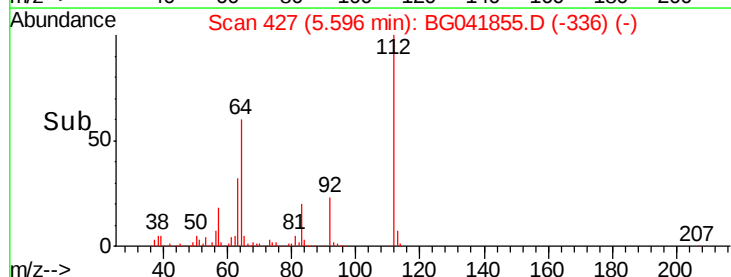


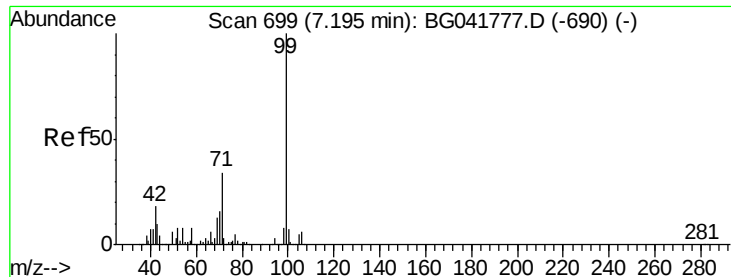
Abundance

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: 34.500 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG041855.D

Acq: 1 Aug 2019 9:48

Instrument :

BNA_G

ClientSampleId :

OWL-C8-GW

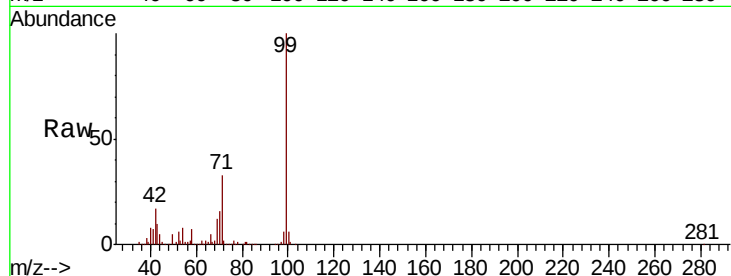
Tot Ion: 99 Resp: 231282

Ion Ratio Lower Upper

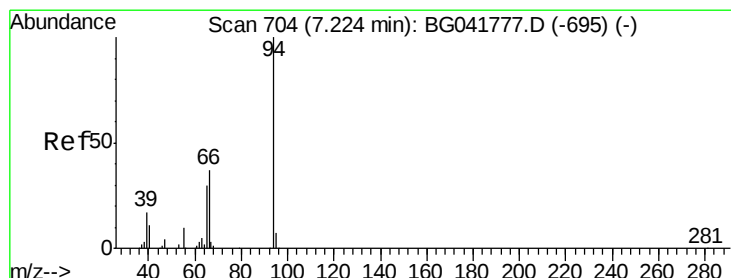
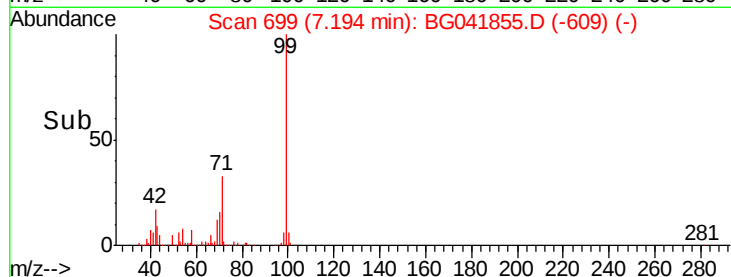
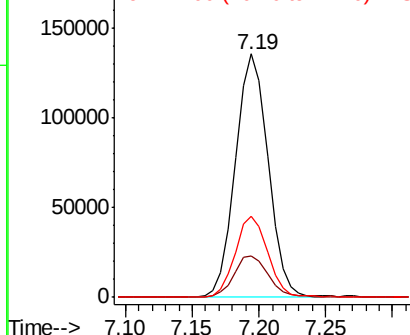
99 100

42 16.9 17.6 26.4#

71 33.3 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: 2.176 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.01 min

Lab File: BG041855.D

Acq: 1 Aug 2019 9:48

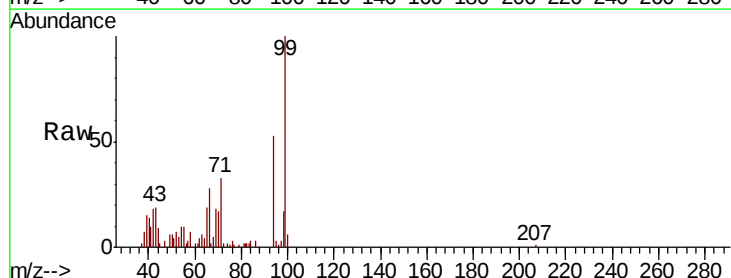
Tgt Ion: 94 Resp: 15176

Ion Ratio Lower Upper

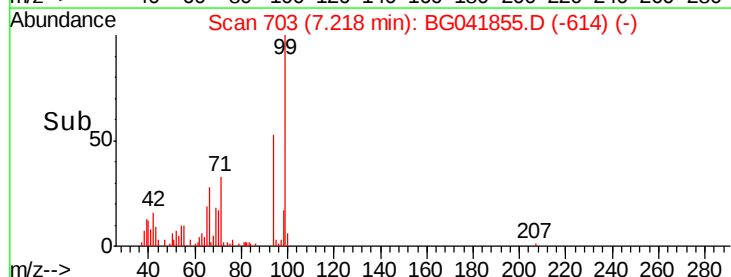
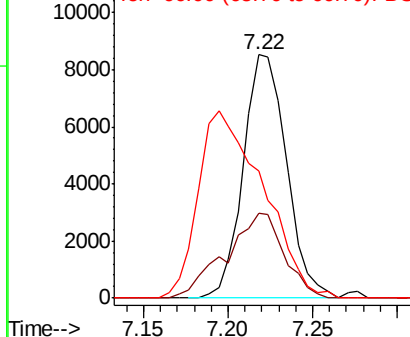
94 100

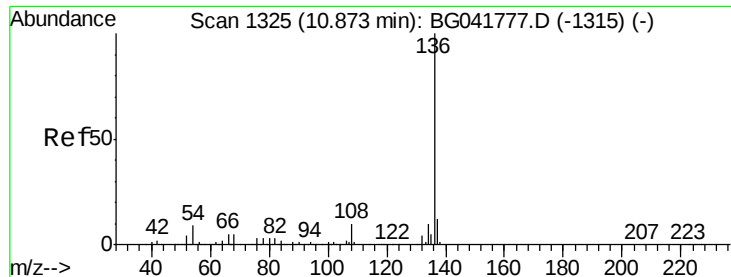
65 35.0 10.6 50.6

66 52.2 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

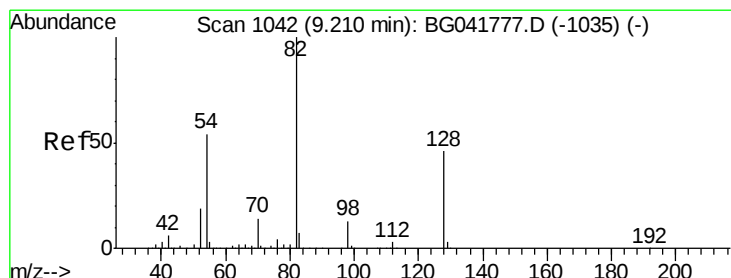
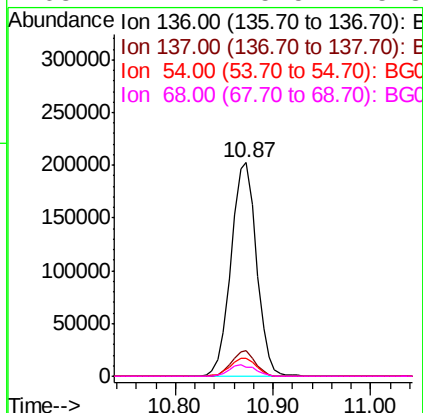
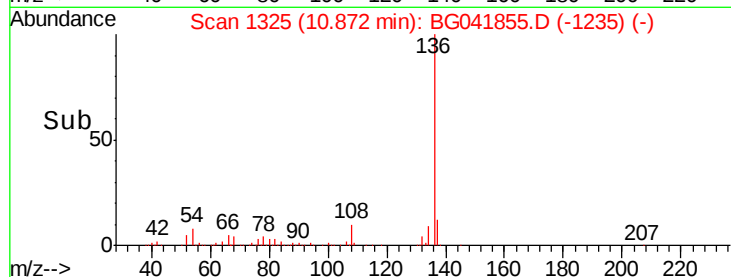
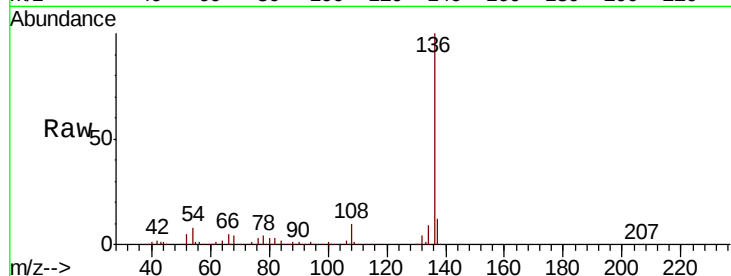




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG041855.D
Acq: 1 Aug 2019 9:48

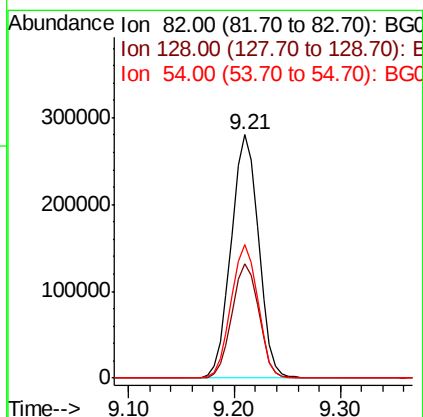
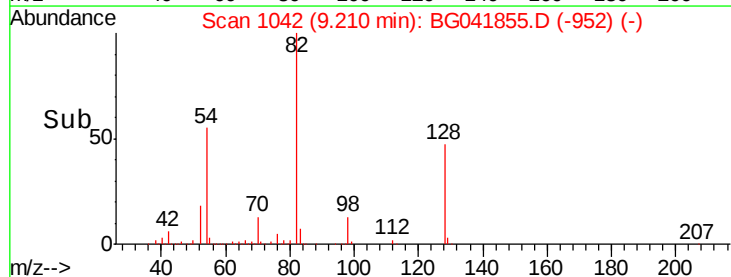
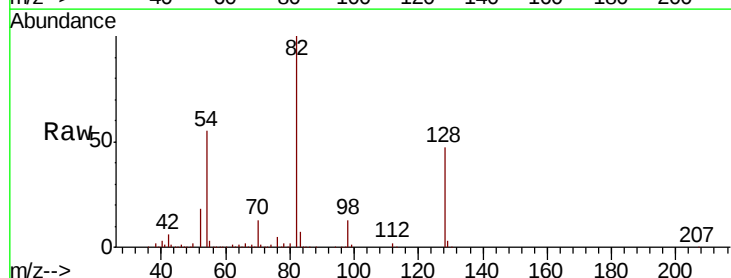
Instrument :
BNA_G
ClientSampleId :
OWL-C8-GW

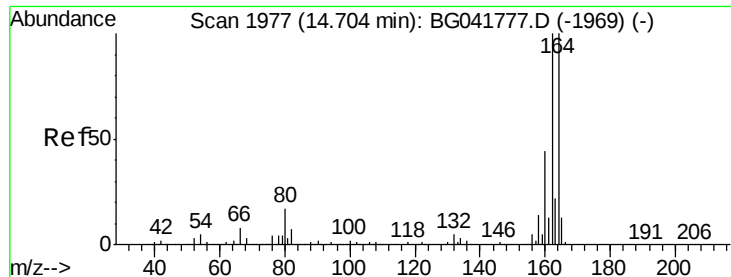
Tot Ion:136	Resp:	367320
Ion	Ratio	Lower Upper
136	100	
137	11.7	9.2 13.8
54	8.5	8.7 13.1#
68	4.4	5.5 8.3#



#23
Nitrobenzene-d5
Concen: 94.149 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG041855.D
Acq: 1 Aug 2019 9:48

Tgt Ion: 82	Resp:	502540
Ion	Ratio	Lower Upper
82	100	
128	46.7	35.1 52.7
54	54.6	48.7 73.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BG041855.D

Acq: 1 Aug 2019 9:48

Instrument :

BNA_G

ClientSampleId :

OWL-C8-GW

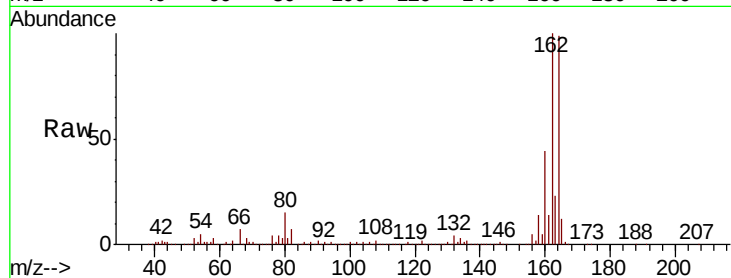
Tot Ion:164 Resp: 267547

Ion Ratio Lower Upper

164 100

162 100.8 79.6 119.4

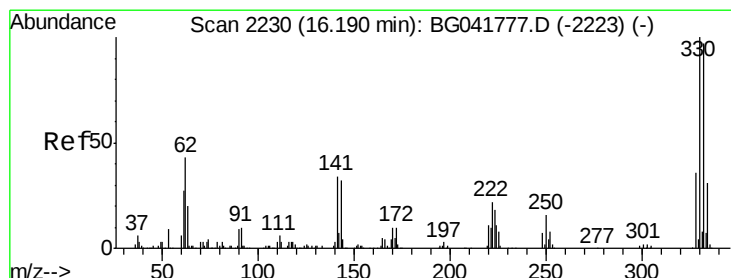
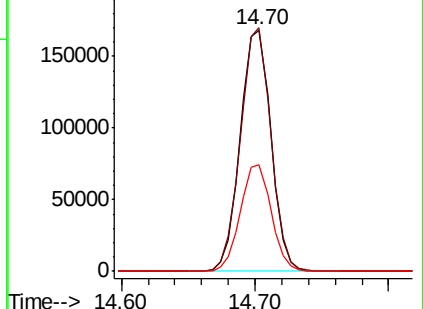
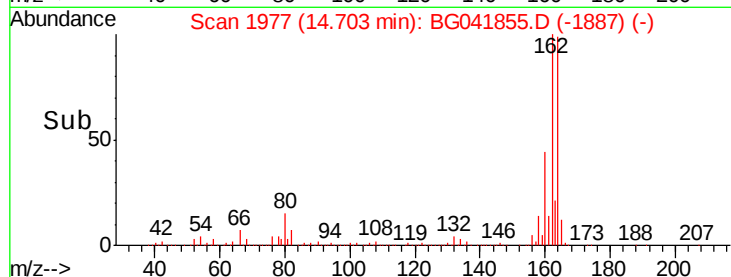
160 44.1 35.4 53.0



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: 131.806 ng

RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG041855.D

Acq: 1 Aug 2019 9:48

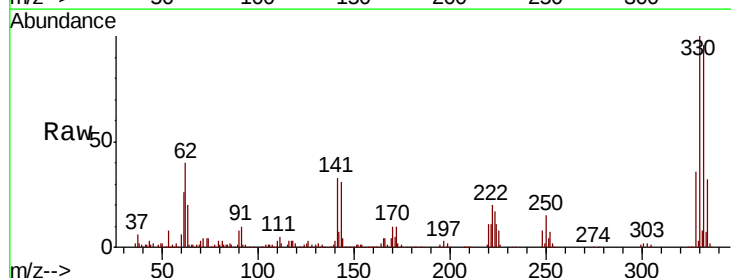
Tgt Ion:330 Resp: 400554

Ion Ratio Lower Upper

330 100

332 96.1 77.4 116.0

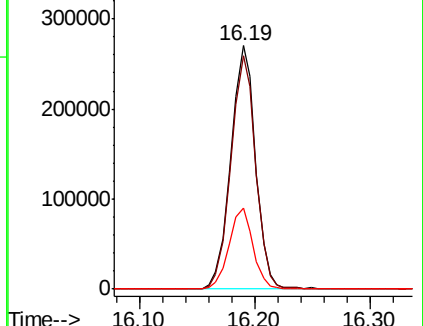
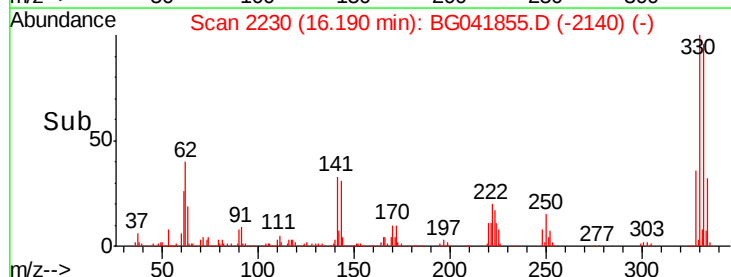
141 32.5 31.9 47.9

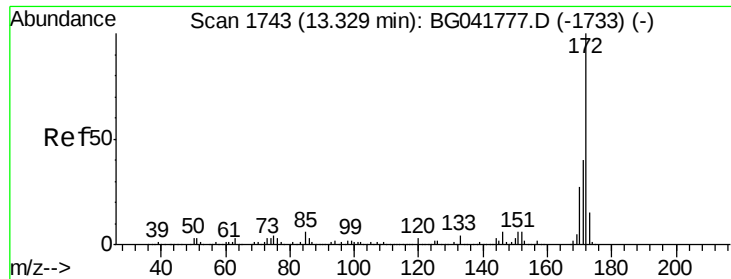


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



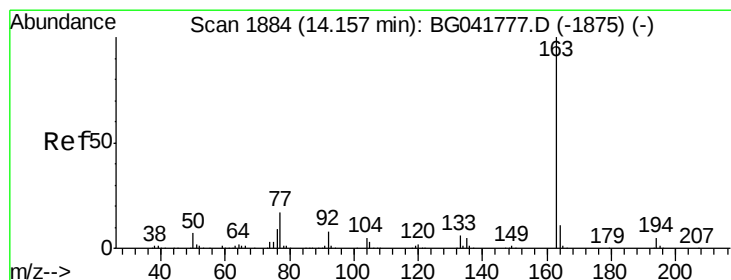
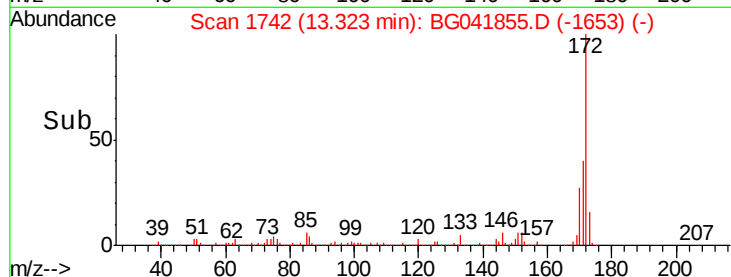
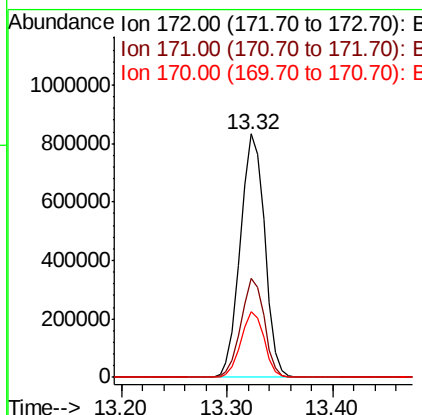
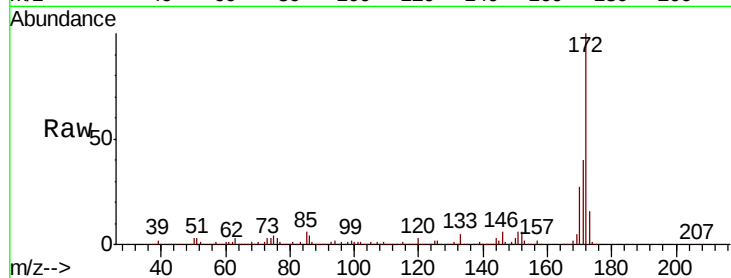


#45
 2-Fluorobiphenyl
 Concen: 87.825 ng
 RT: 13.32 min Scan# 1742
 Delta R.T. -0.01 min
 Lab File: BG041855.D
 Acq: 1 Aug 2019 9:48

Instrument :
 BNA_G
 ClientSampled :
 OWL-C8-GW

Tot Ion:172 Resp: 1332251

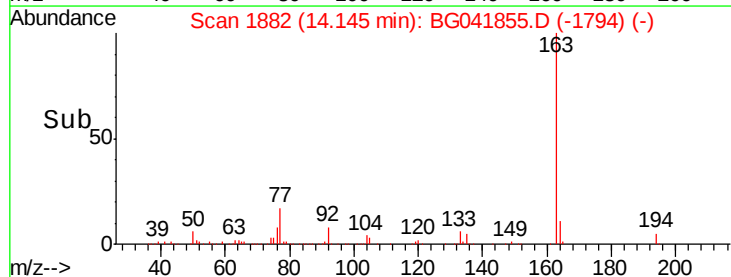
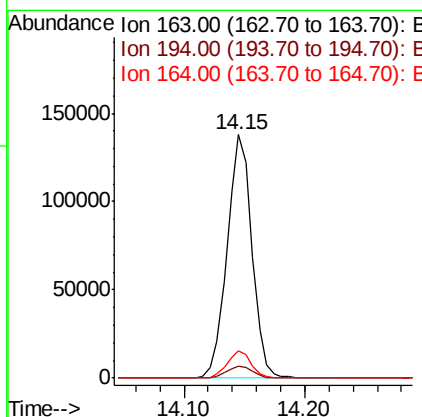
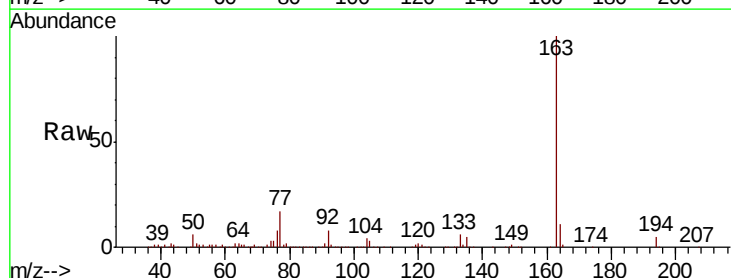
Ion	Ratio	Lower	Upper
172	100		
171	40.5	35.0	52.4
170	27.1	23.5	35.3

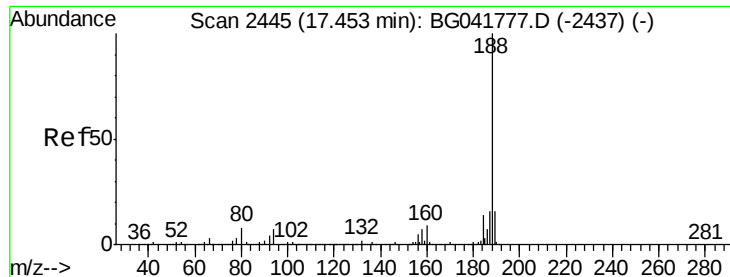


#50
 Dimethylphthalate
 Concen: 10.756 ng
 RT: 14.15 min Scan# 1882
 Delta R.T. -0.01 min
 Lab File: BG041855.D
 Acq: 1 Aug 2019 9:48

Tgt Ion:163 Resp: 196531

Ion	Ratio	Lower	Upper
163	100		
194	5.1	4.2	6.2
164	11.1	9.4	14.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2445

Delta R.T. -0.00 min

Lab File: BG041855.D

Acq: 1 Aug 2019 9:48

Instrument :

BNA_G

ClientSampleId :

OWL-C8-GW

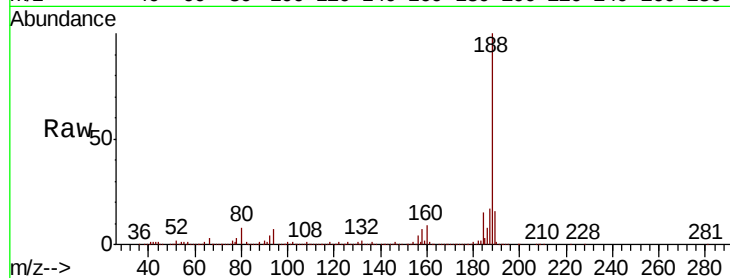
Tot Ion:188 Resp: 597568

Ion Ratio Lower Upper

188 100

94 6.6 6.9 10.3#

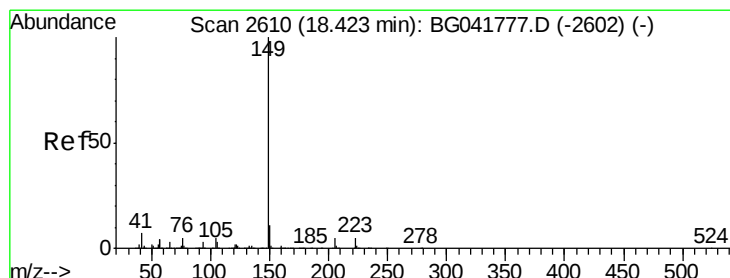
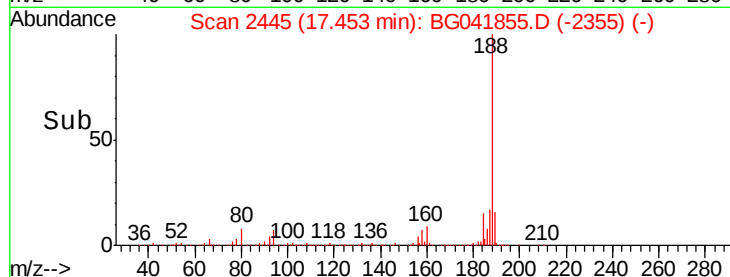
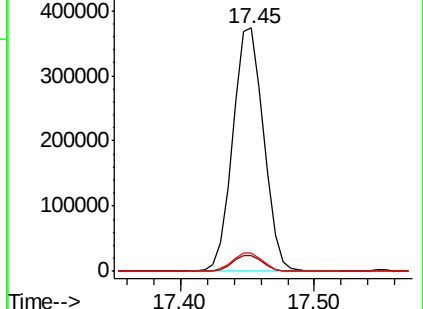
80 7.6 8.0 12.0#



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



#74

Di-n-butylphthalate

Concen: 2.467 ng

RT: 18.40 min Scan# 2606

Delta R.T. -0.02 min

Lab File: BG041855.D

Acq: 1 Aug 2019 9:48

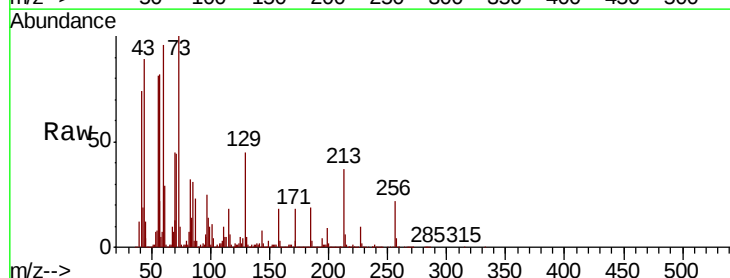
Tgt Ion:149 Resp: 71724

Ion Ratio Lower Upper

149 100

150 13.2 10.2 15.2

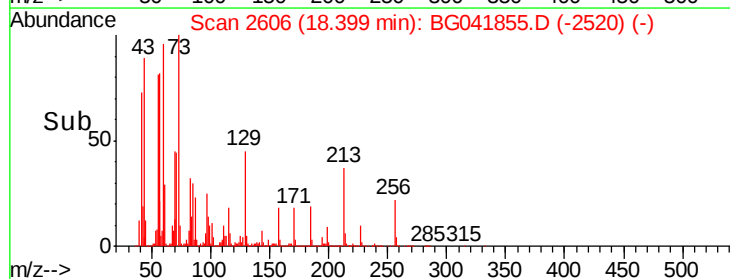
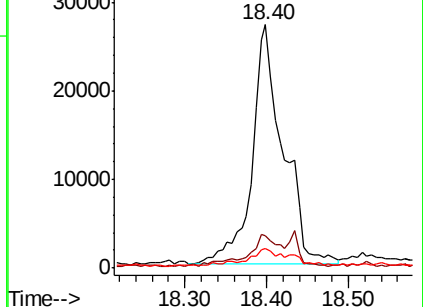
104 8.2 5.3 7.9#

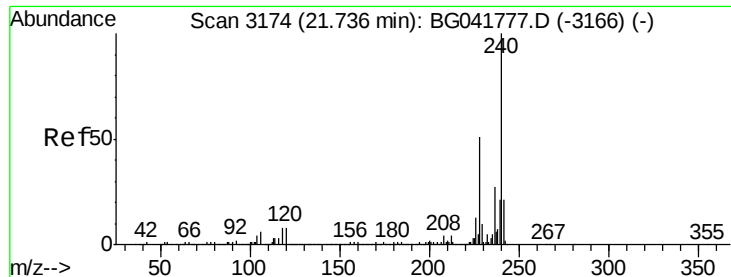


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.00 min

Lab File: BG041855.D

Acq: 1 Aug 2019 9:48

Instrument :

BNA_G

ClientSampleId :

OWL-C8-GW

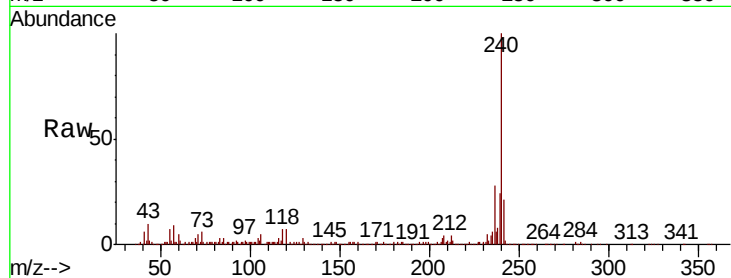
Tot Ion:240 Resp: 632239

Ion Ratio Lower Upper

240 100

120 7.2 8.0 12.0#

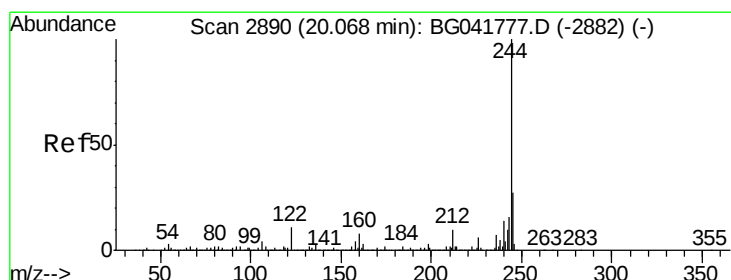
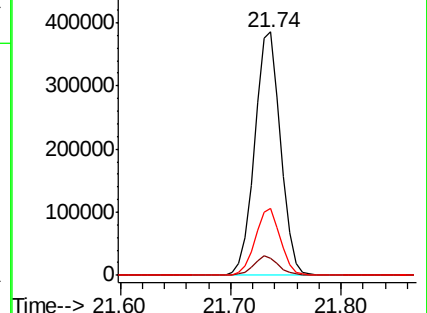
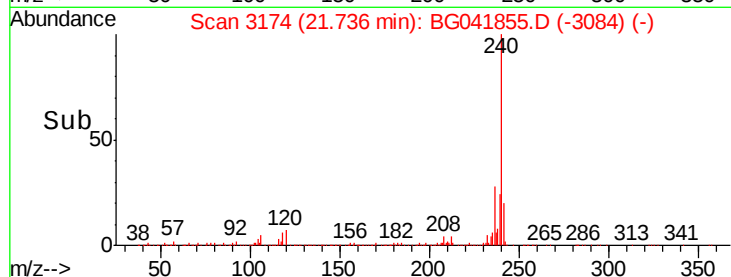
236 27.7 22.6 33.8



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: 73.265 ng

RT: 20.07 min Scan# 2890

Delta R.T. 0.00 min

Lab File: BG041855.D

Acq: 1 Aug 2019 9:48

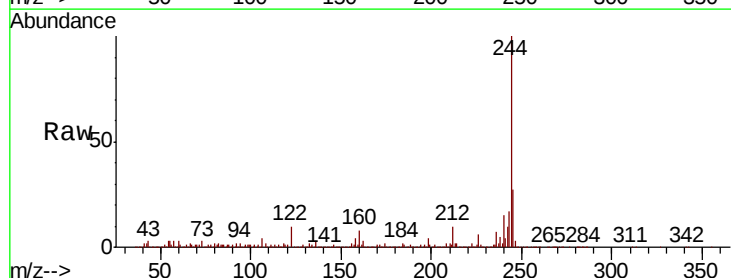
Tgt Ion:244 Resp: 2024276

Ion Ratio Lower Upper

244 100

212 9.6 9.7 14.5#

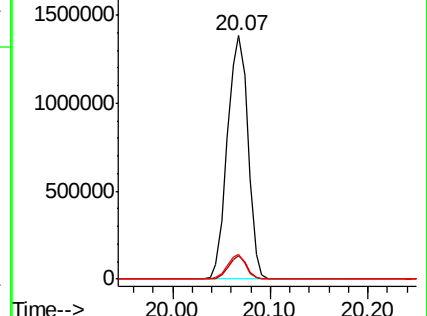
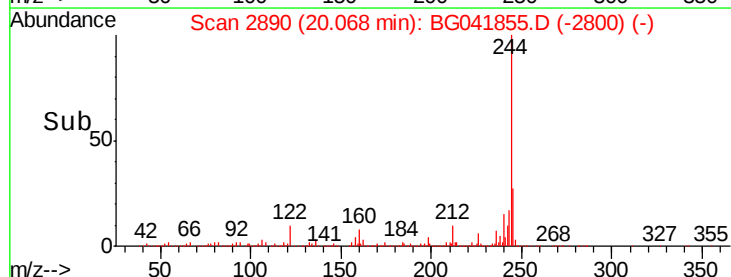
122 10.2 12.5 18.7#

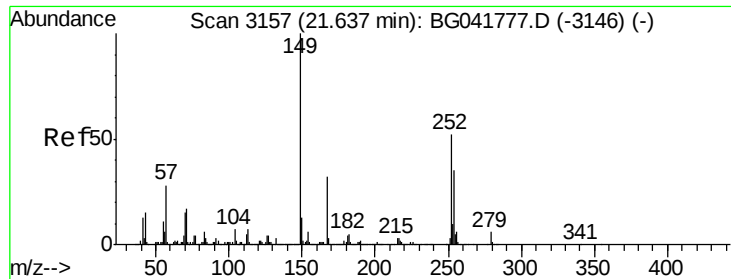


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 28.812 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG041855.D

Acq: 1 Aug 2019 9:48

Instrument :

BNA_G

ClientSampleId :

OWL-C8-GW

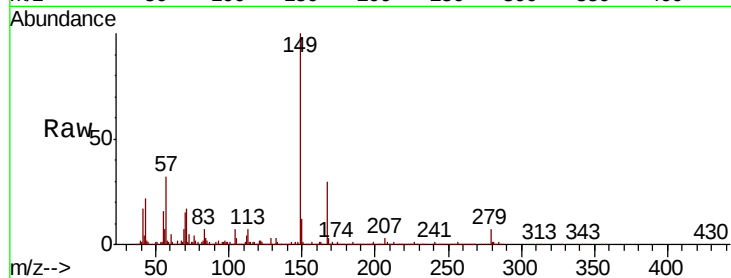
Tot Ion:149 Resp: 570793

Ion Ratio Lower Upper

149 100

167 30.2 27.0 40.4

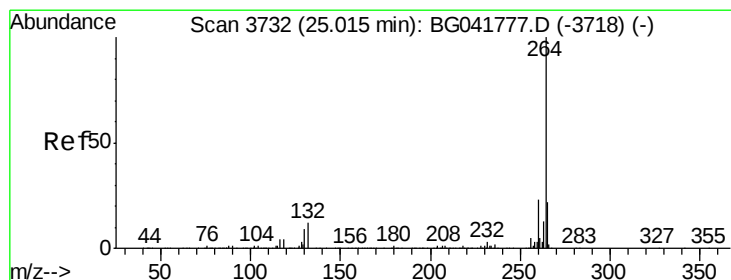
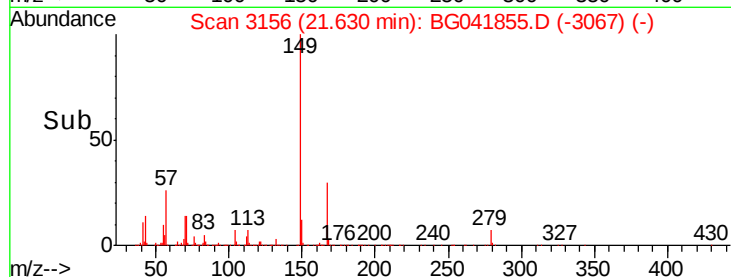
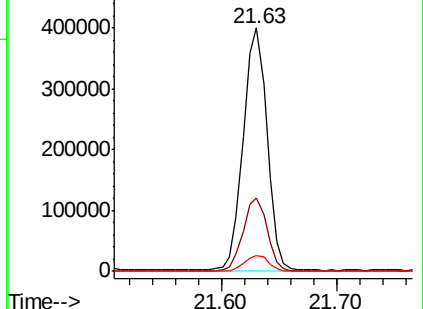
279 6.7 5.0 7.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3732

Delta R.T. -0.00 min

Lab File: BG041855.D

Acq: 1 Aug 2019 9:48

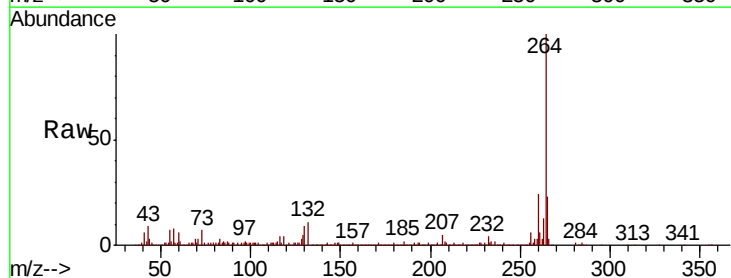
Tgt Ion:264 Resp: 725279

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 22.5 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

