

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071219\
 Data File : BG041636.D
 Acq On : 12 Jul 2019 12:23
 Operator : HP/JU
 Sample : K3775-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D-3-ROLL-OFF-DUMPSTER-3

Quant Time: Jul 12 15:29:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 05:39:06 2019
 Response via : Initial Calibration

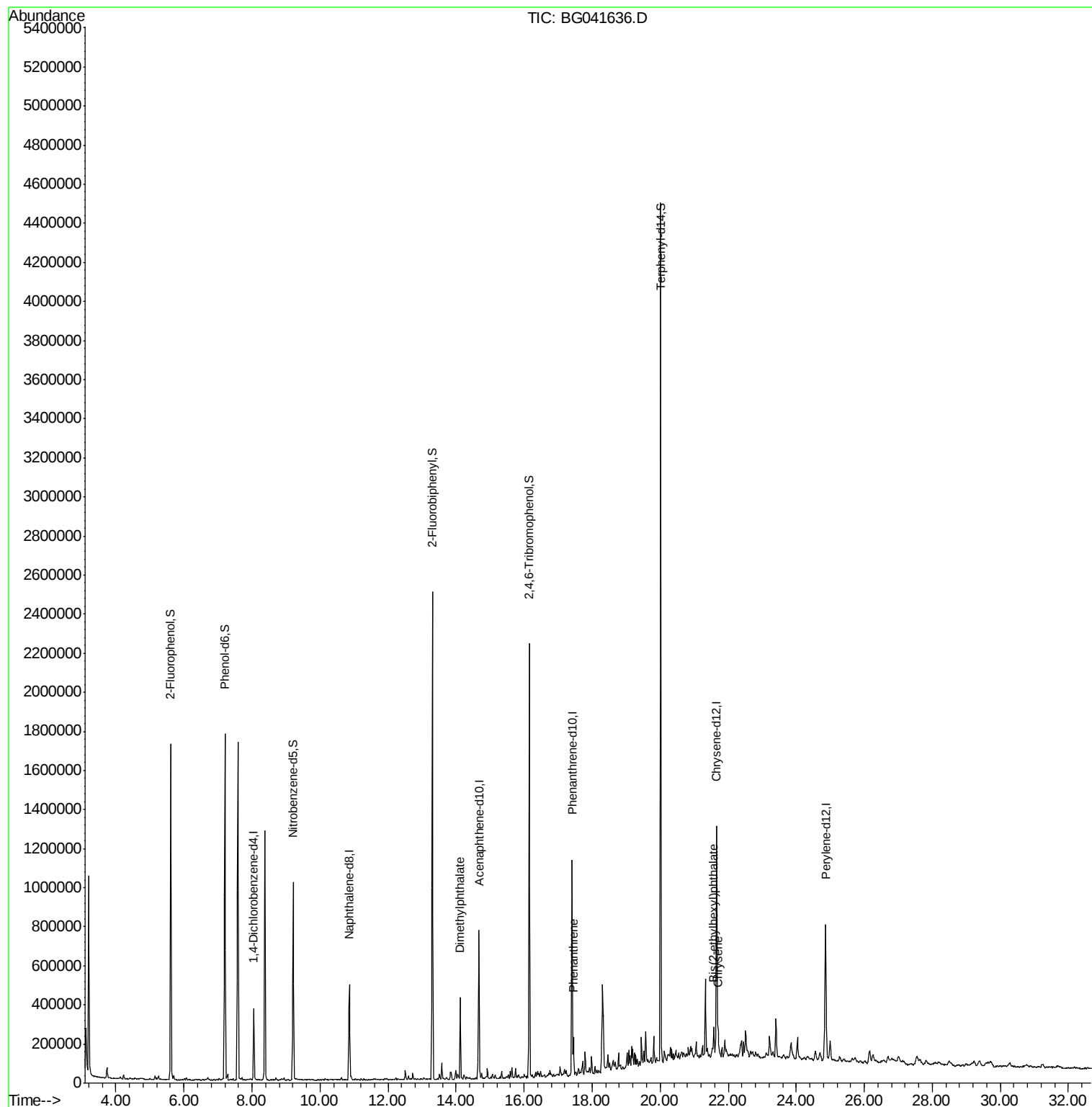
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	105362	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	427283	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	271131	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	661712	20.00	ng	0.00
76) Chrysene-d12	21.66	240	650956	20.00	ng	0.00
87) Perylene-d12	24.86	264	736176	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	710717	113.19	ng	0.00
7) Phenol-d6	7.20	99	1003887	118.02	ng	0.00
23) Nitrobenzene-d5	9.21	82	582326	83.06	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	370221	119.41	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1294884	75.08	ng	0.00
79) Terphenyl-d14	20.02	244	1908810	71.67	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	275044	12.947	ng	99
71) Phenanthrene	17.45	178	126491	3.658	ng	99
83) Chrysene	21.71	228	100894	2.517	ng	# 91
84) Bis(2-ethylhexyl)phthalate	21.57	149	57410	2.120	ng	98

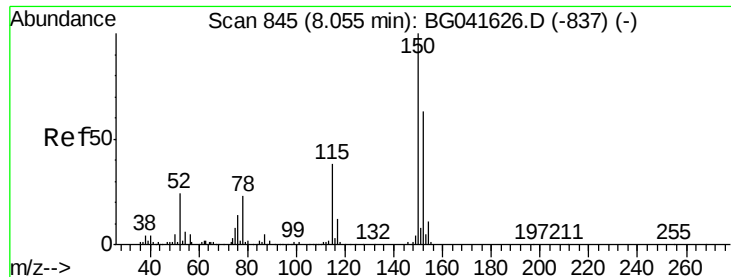
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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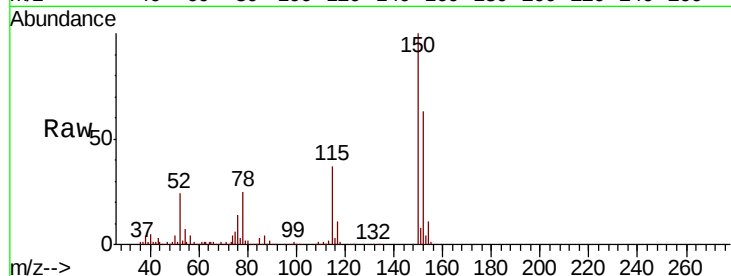


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG041636.D
Acq: 12 Jul 2019 12:23

Instrument :
BNA_G
ClientSampleId :
D-3-ROLL-OFF-DUMPSTER-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	120.6	181.0
115	57.9	47.9	71.9

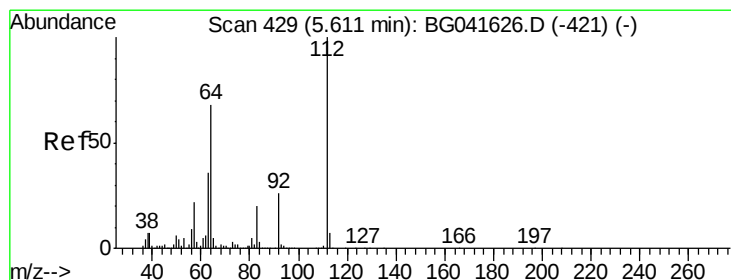
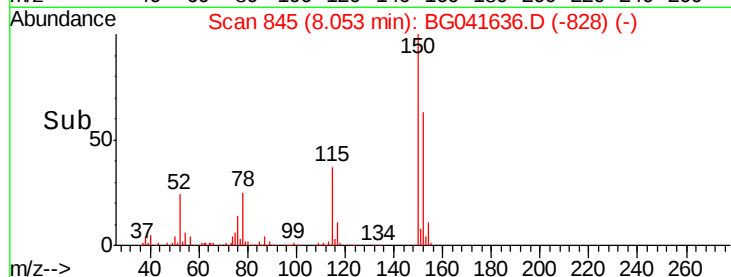
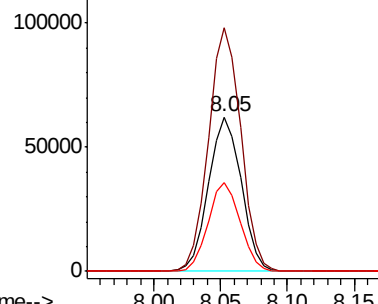


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

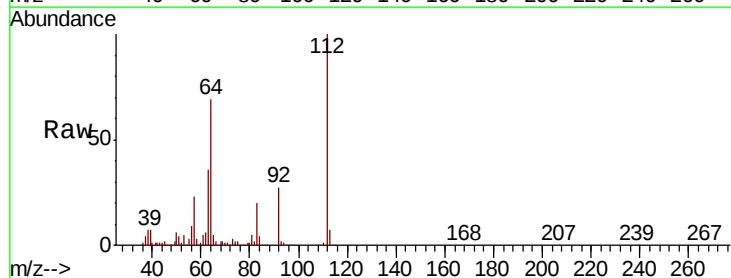
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 113.195 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG041636.D
Acq: 12 Jul 2019 12:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.4	55.9	83.9
63	35.7	34.6	51.8

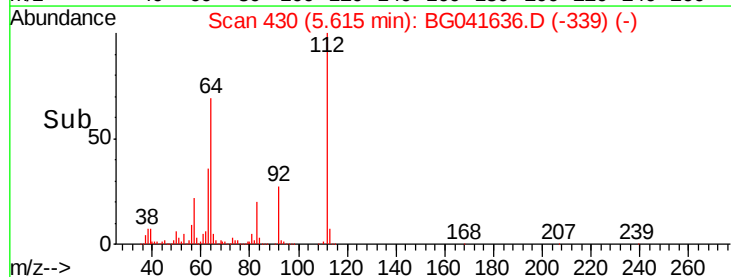
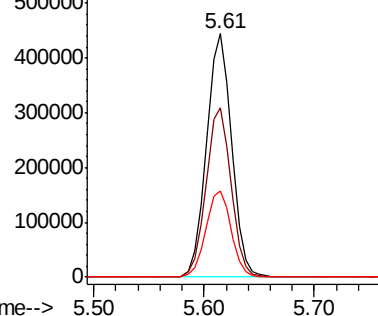


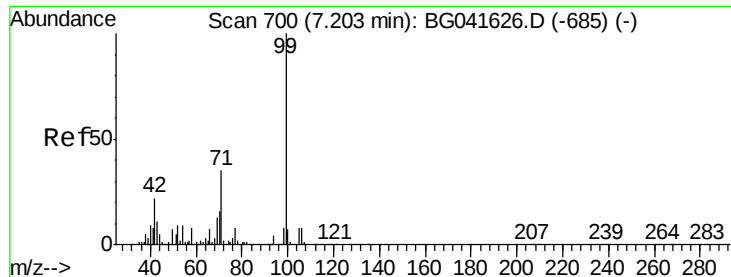
Abundance

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: 118.018 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG041636.D

Acq: 12 Jul 2019 12:23

Instrument :

BNA_G

ClientSampleId :

D-3-ROLL-OFF-DUMPSTER-3

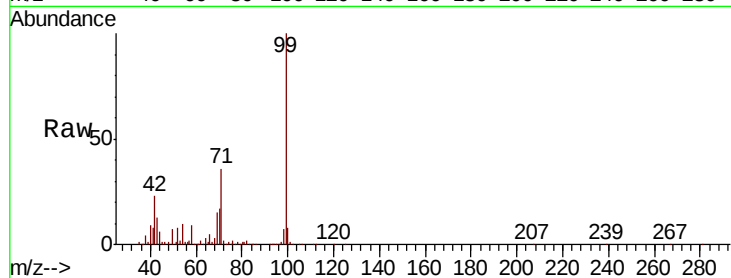
Tot Ion: 99 Resp: 1003887

Ion Ratio Lower Upper

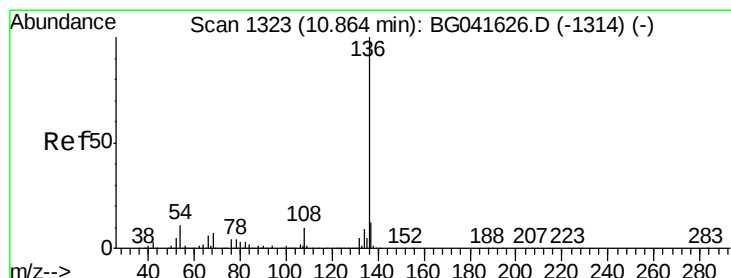
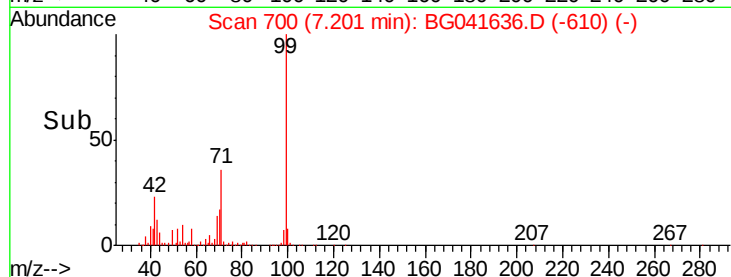
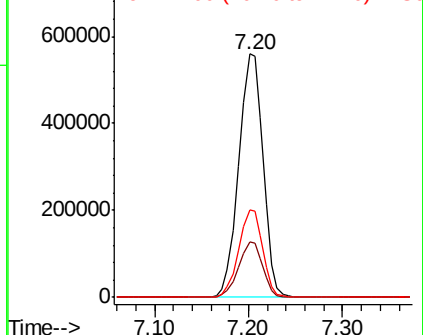
99 100

42 22.8 19.9 29.9

71 36.0 36.4 54.6#



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BG041636.D

Acq: 12 Jul 2019 12:23

Tgt Ion: 136 Resp: 427283

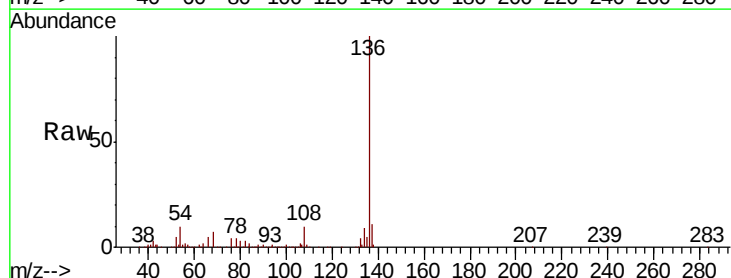
Ion Ratio Lower Upper

136 100

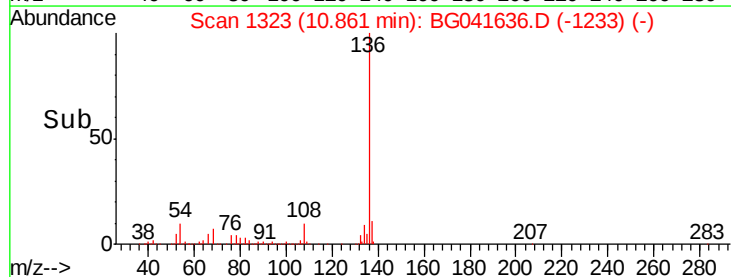
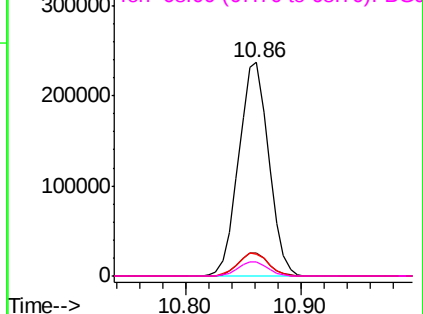
137 11.0 8.8 13.2

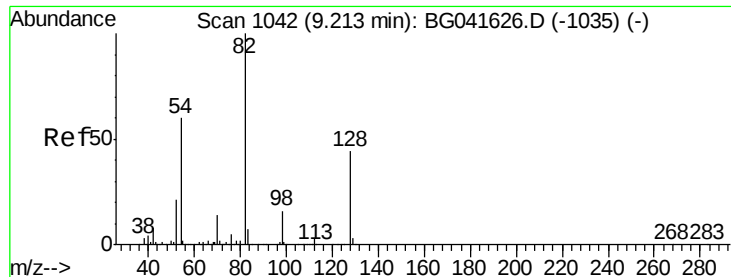
54 10.3 6.4 9.6#

68 6.8 4.8 7.2



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC





#23

Nitrobenzene-d5

Concen: 83.058 ng

RT: 9.21 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BG041636.D

Acq: 12 Jul 2019 12:23

Instrument :

BNA_G

ClientSampleId :

D-3-ROLL-OFF-DUMPSTER-3

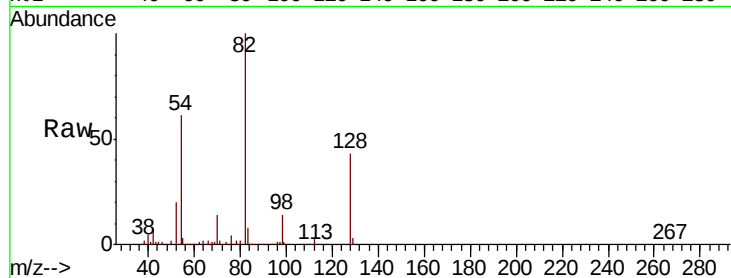
Tot Ion: 82 Resp: 582326

Ion Ratio Lower Upper

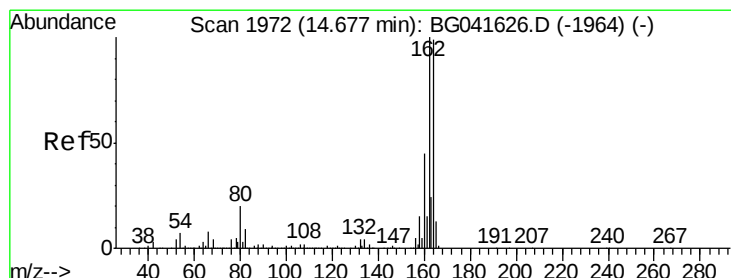
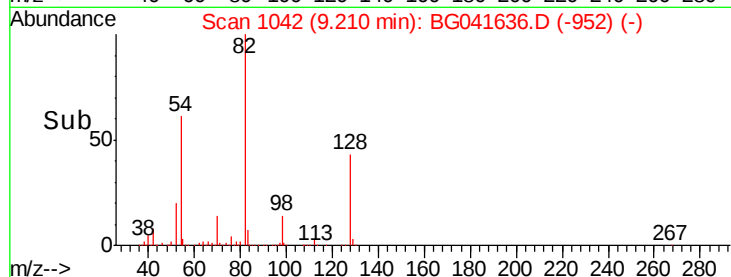
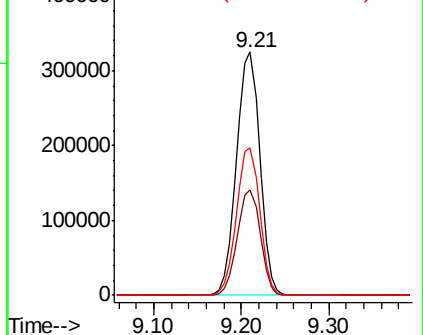
82 100

128 43.4 29.2 43.8

54 60.5 43.4 65.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.01 min

Lab File: BG041636.D

Acq: 12 Jul 2019 12:23

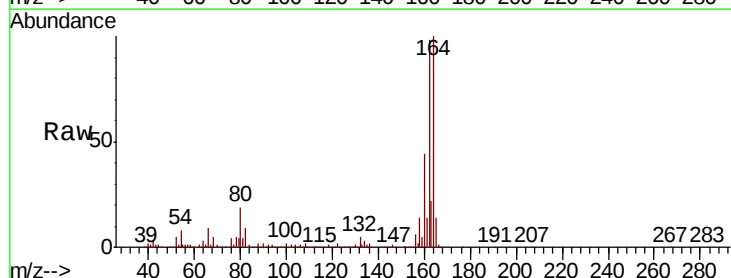
Tgt Ion: 164 Resp: 271131

Ion Ratio Lower Upper

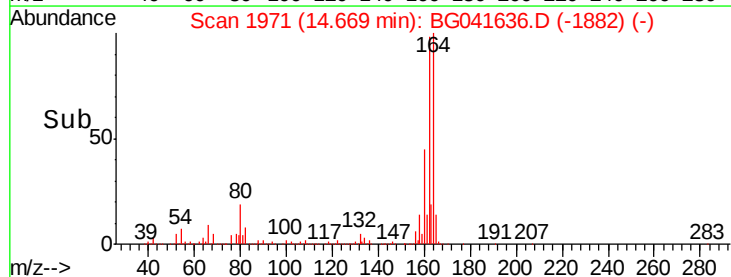
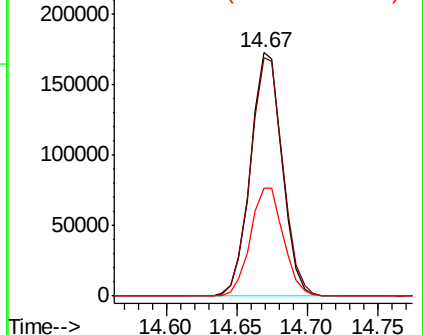
164 100

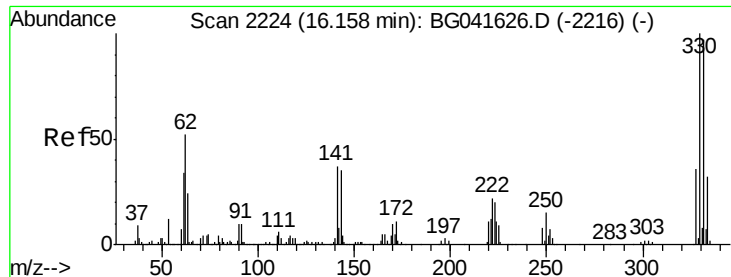
162 97.9 82.8 124.2

160 44.5 35.8 53.8



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

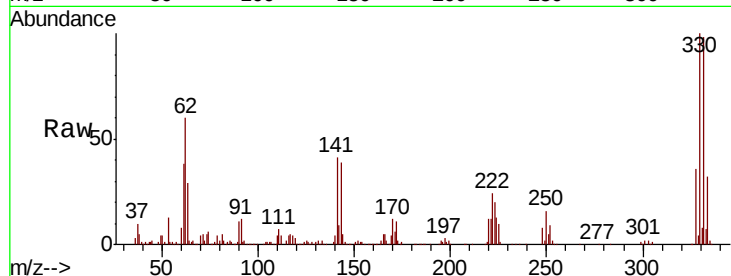




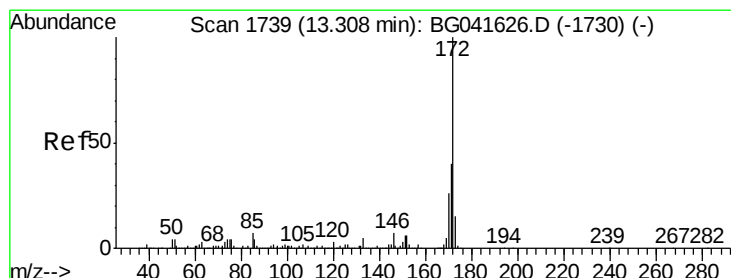
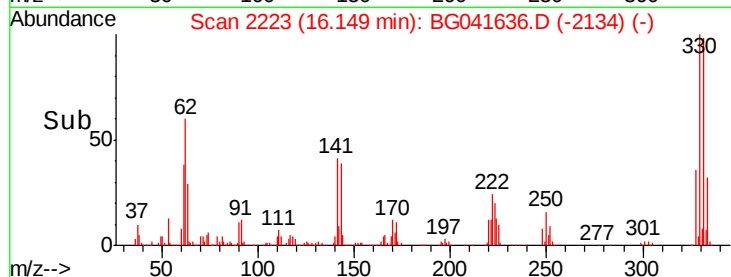
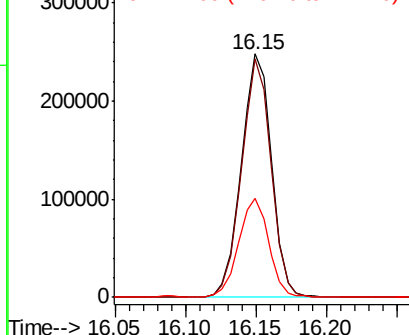
#42
 2,4,6-Tribromophenol
 Concen: 119.409 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BG041636.D
 Acq: 12 Jul 2019 12:23

Instrument :
 BNA_G
 ClientSampleId :
 D-3-ROLL-OFF-DUMPSTER-3

Tot Ion:330 Resp: 370221
 Ion Ratio Lower Upper
 330 100
 332 96.3 75.5 113.3
 141 40.2 29.0 43.4

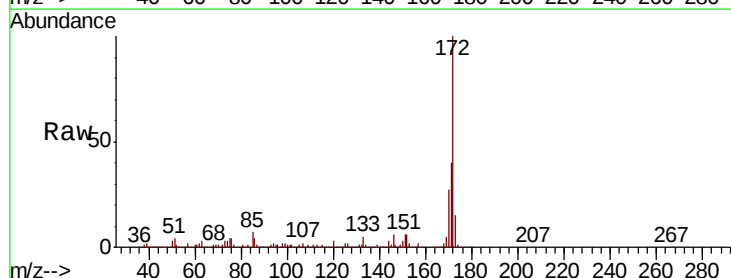


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

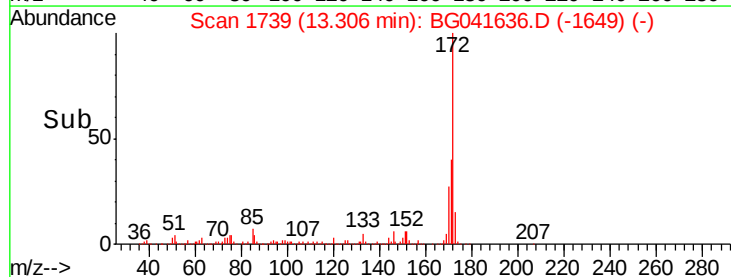
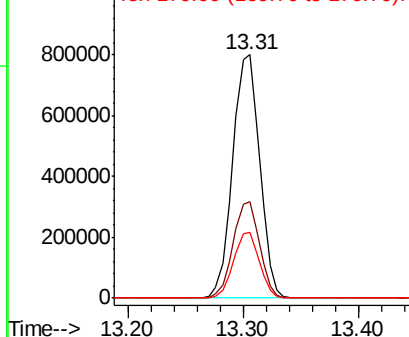


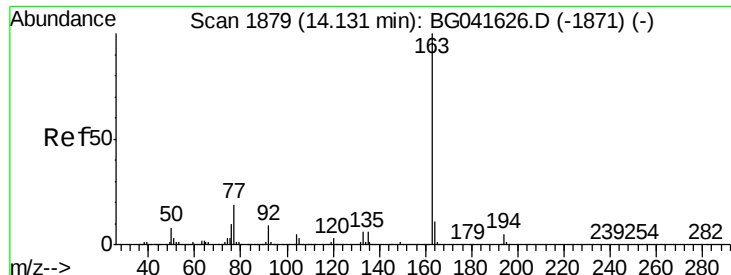
#45
 2-Fluorobiphenyl
 Concen: 75.083 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.00 min
 Lab File: BG041636.D
 Acq: 12 Jul 2019 12:23

Tgt Ion:172 Resp: 1294884
 Ion Ratio Lower Upper
 172 100
 171 39.7 30.0 45.0
 170 27.1 19.8 29.6



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

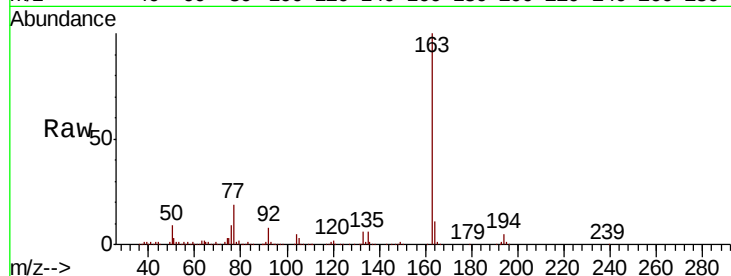




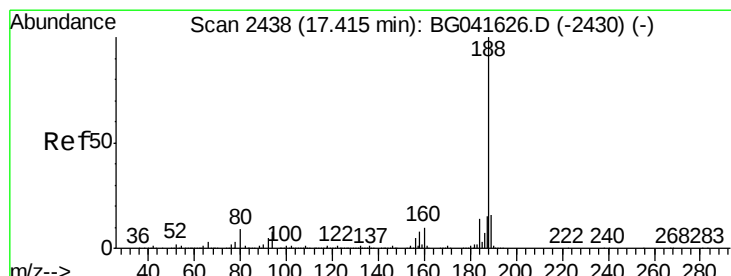
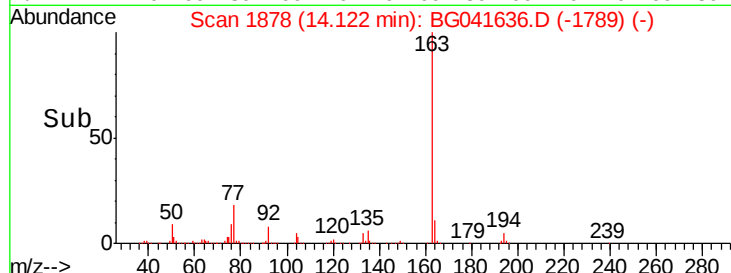
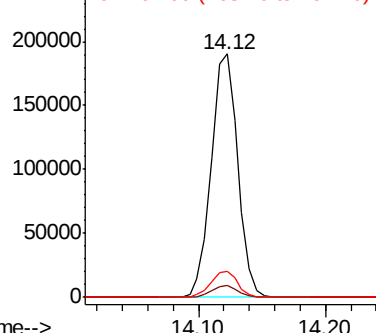
#50
Dimethylphthalate
Concen: 12.947 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG041636.D
Acq: 12 Jul 2019 12:23

Instrument :
BNA_G
ClientSampleId :
D-3-ROLL-OFF-DUMPSTER-3

Tot Ion:163 Resp: 275044
Ion Ratio Lower Upper
163 100
194 5.2 3.9 5.9
164 10.6 8.3 12.5

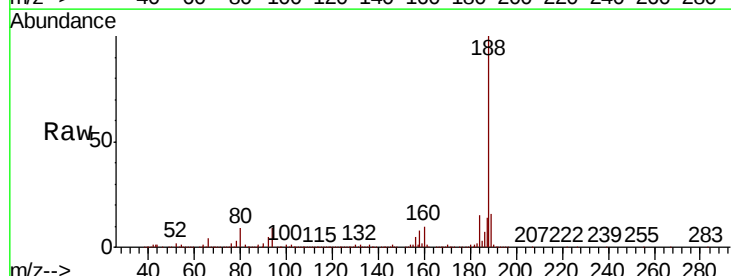


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

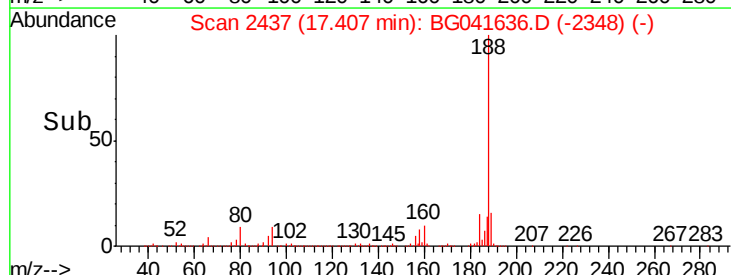
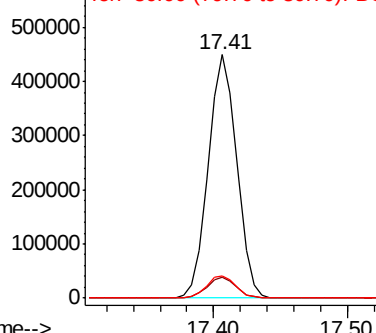


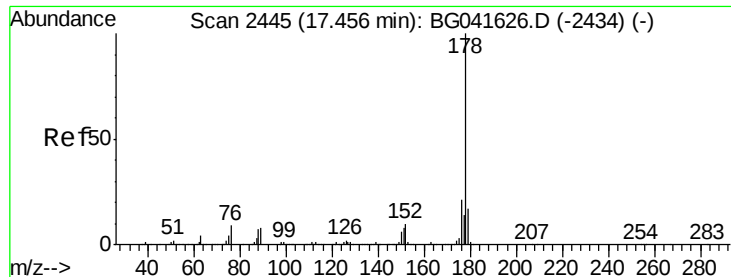
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG041636.D
Acq: 12 Jul 2019 12:23

Tgt Ion:188 Resp: 661712
Ion Ratio Lower Upper
188 100
94 8.8 3.6 5.4#
80 9.1 4.8 7.2#



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





#71

Phenanthrene

Concen: 3.658 ng

RT: 17.45 min Scan# 2444

Delta R.T. -0.01 min

Lab File: BG041636.D

Acq: 12 Jul 2019 12:23

Instrument :

BNA_G

ClientSampleId :

D-3-ROLL-OFF-DUMPSTER-3

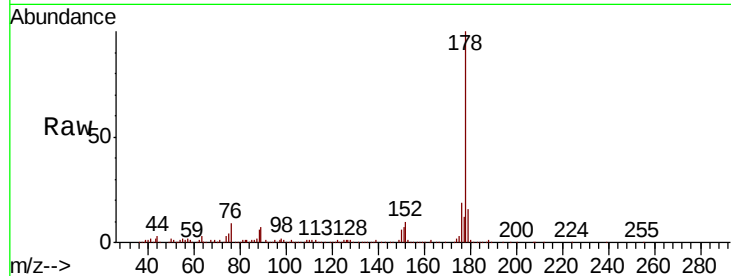
Tot Ion:178 Resp: 126491

Ion Ratio Lower Upper

178 100

176 19.5 16.1 24.1

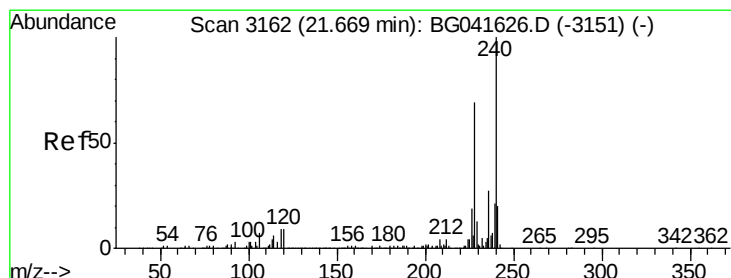
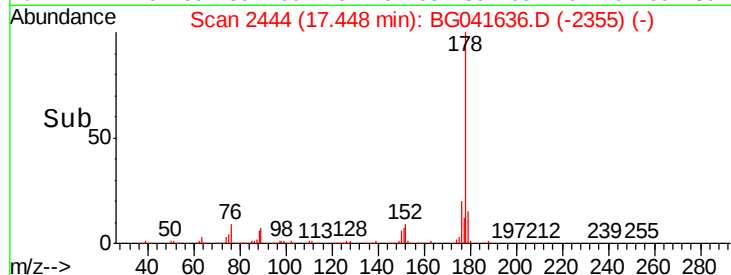
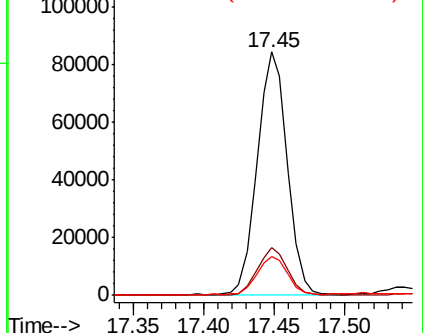
179 16.1 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG041636.D

Acq: 12 Jul 2019 12:23

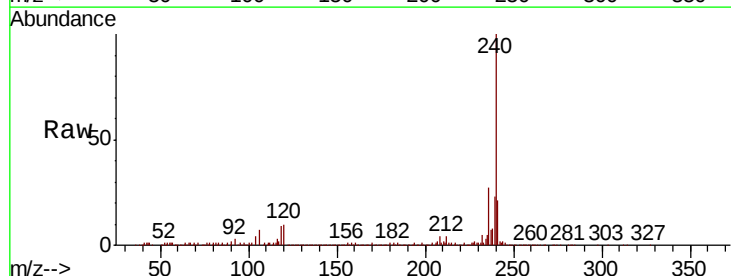
Tgt Ion:240 Resp: 650956

Ion Ratio Lower Upper

240 100

120 9.6 3.7 5.5#

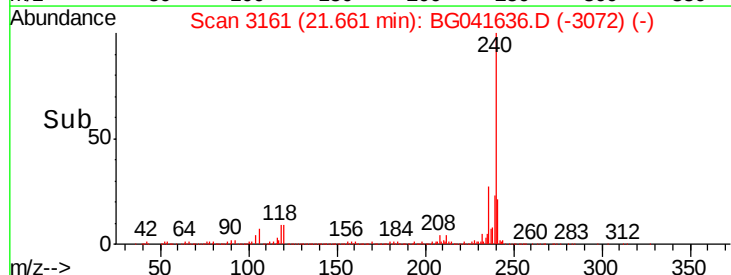
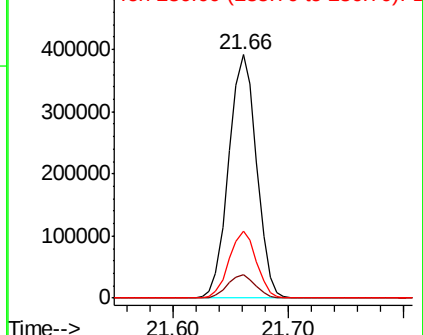
236 27.4 21.1 31.7

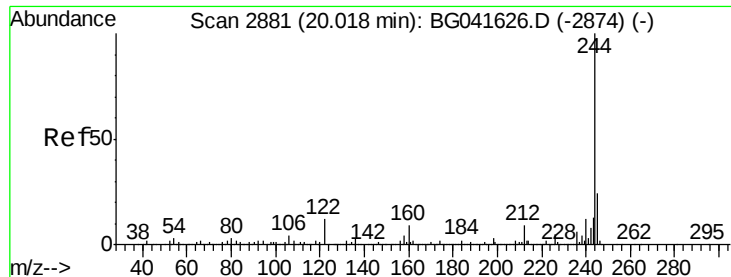


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 71.667 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BG041636.D

Acq: 12 Jul 2019 12:23

Instrument :

BNA_G

ClientSampleId :

D-3-ROLL-OFF-DUMPSTER-3

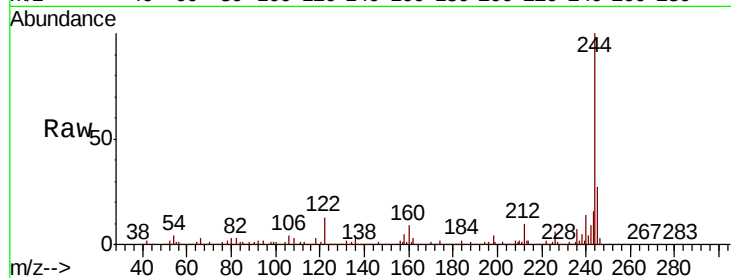
Tot Ion:244 Resp: 1908810

Ion	Ratio	Lower	Upper
244	100		
212	10.1	6.6	10.0#
122	12.6	5.0	7.4#

244 100

212 10.1 6.6 10.0#

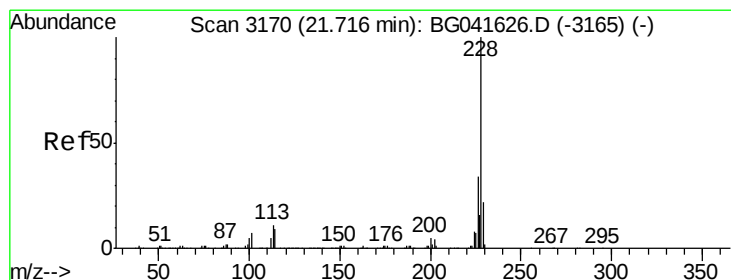
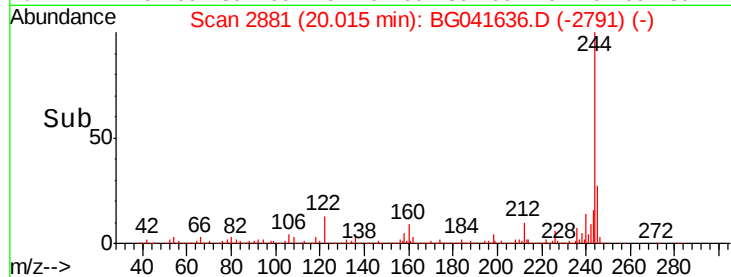
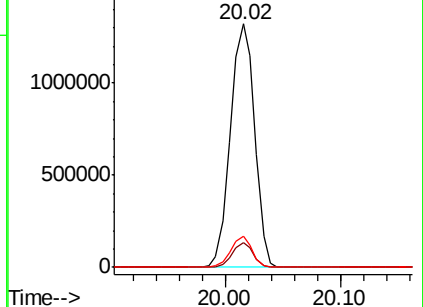
122 12.6 5.0 7.4#



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



#83

Chrysene

Concen: 2.517 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BG041636.D

Acq: 12 Jul 2019 12:23

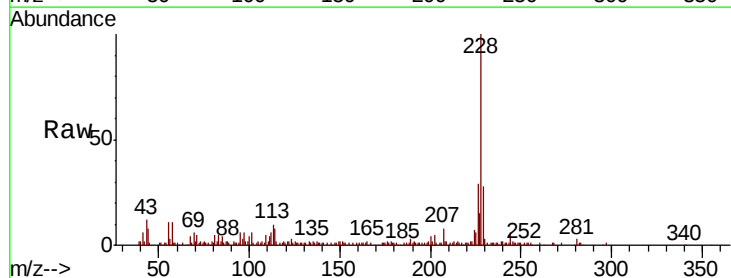
Tgt Ion:228 Resp: 100894

Ion	Ratio	Lower	Upper
228	100		
226	29.1	25.4	38.0
229	27.6	16.2	24.2#

228 100

226 29.1 25.4 38.0

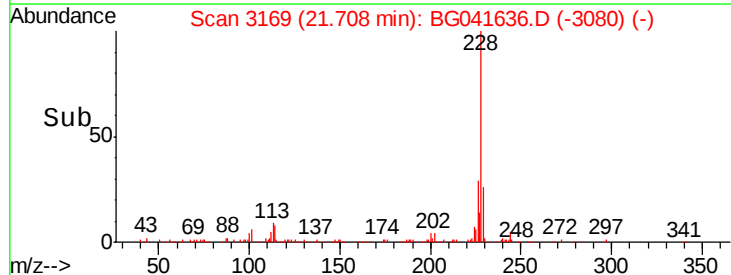
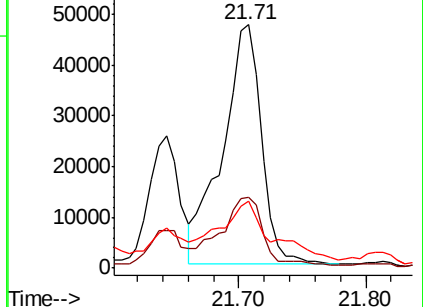
229 27.6 16.2 24.2#

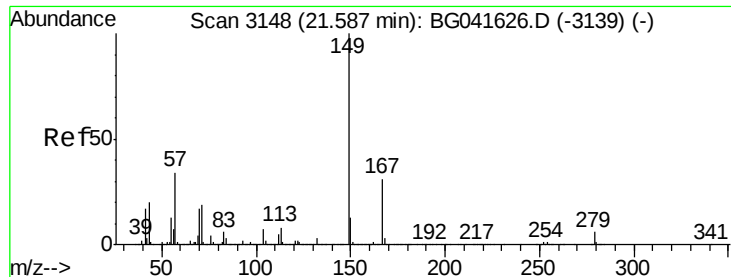


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.120 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG041636.D

Acq: 12 Jul 2019 12:23

Instrument :

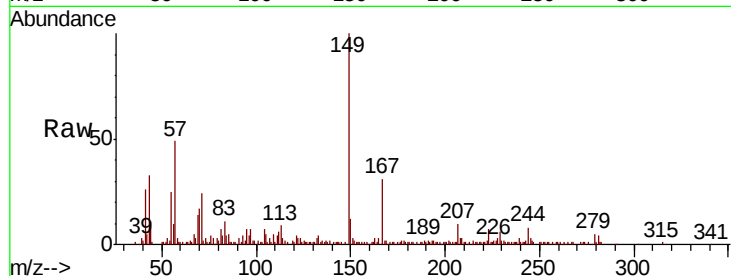
BNA_G

ClientSampleId :

D-3-ROLL-OFF-DUMPSTER-3

Tot Ion:149 Resp: 57410

Ion	Ratio	Lower	Upper
149	100		
167	30.8	23.8	35.8
279	4.8	4.4	6.6

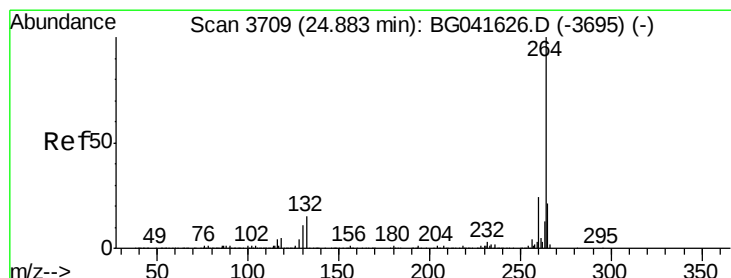
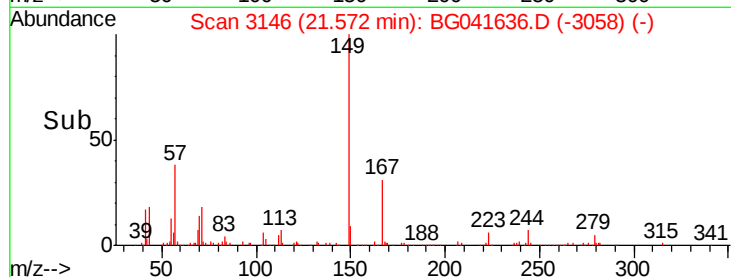
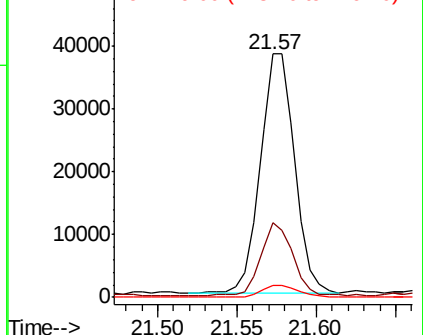


Abundance

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: 24.86 min Scan# 3706

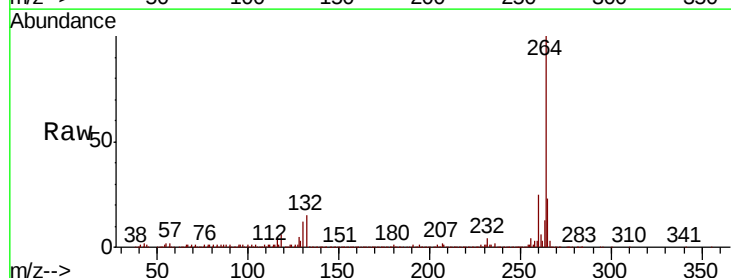
Delta R.T. -0.02 min

Lab File: BG041636.D

Acq: 12 Jul 2019 12:23

Tgt Ion:264 Resp: 736176

Ion	Ratio	Lower	Upper
264	100		
260	24.7	17.4	26.2
265	23.0	17.2	25.8



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

