

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121817\
 Data File : BG031659.D
 Acq On : 19 Dec 2017 7:47
 Operator : SJ/JU
 Sample : I6957-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HALSTED-NW

Quant Time: Dec 19 09:55:04 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

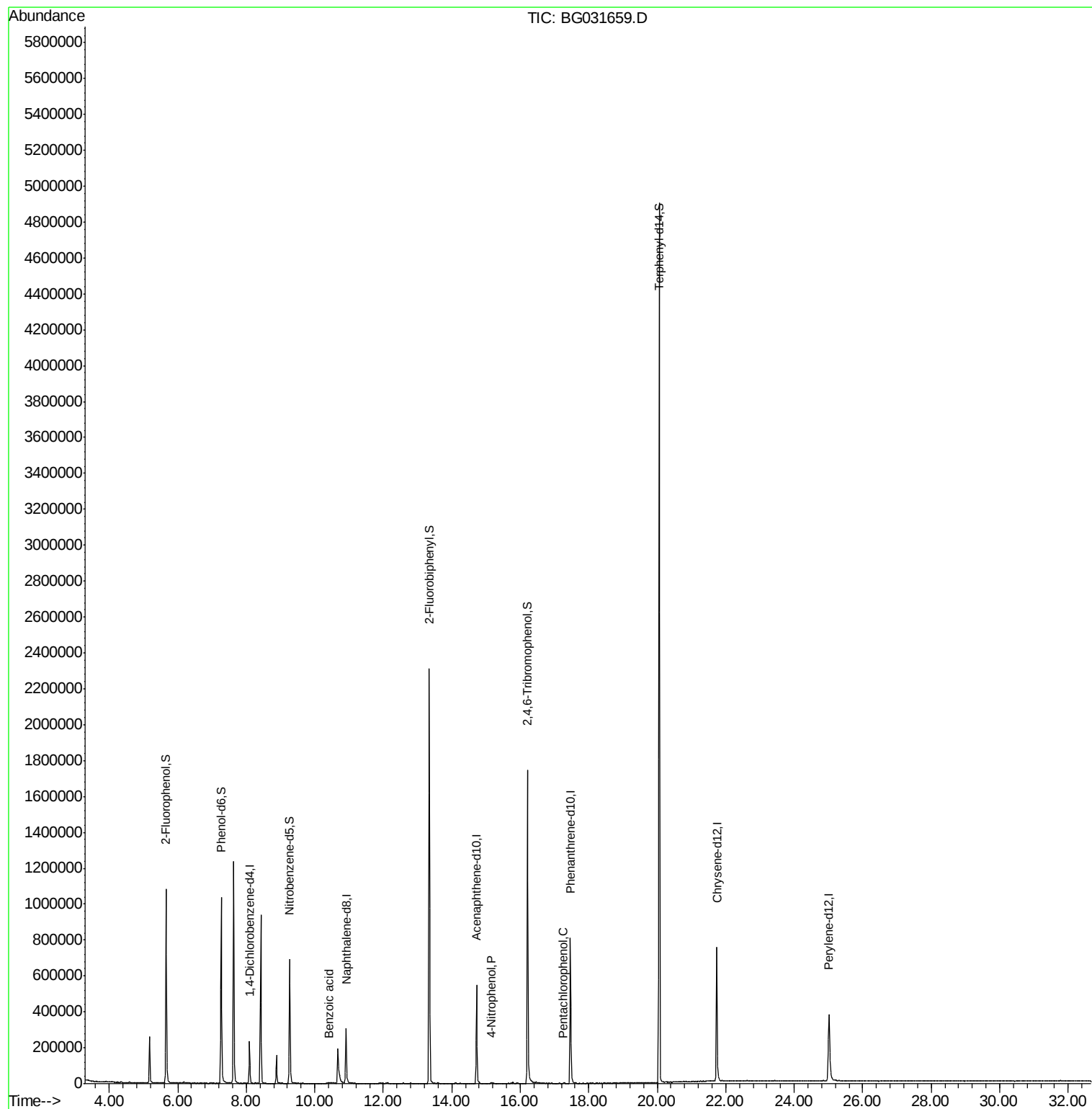
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	74446	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	304703	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	208372	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	549643	20.00	ng	-0.01
75) Chrysene-d12	21.74	240	563205	20.00	ng	-0.01
86) Perylene-d12	25.02	264	498539	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	560841	133.53	ng	-0.01
7) Phenol-d6	7.27	99	676480	116.02	ng	0.00
23) Nitrobenzene-d5	9.27	82	468671	94.80	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	396309	162.34	ng	-0.01
44) 2-Fluorobiphenyl	13.35	172	1379047	97.15	ng	0.00
78) Terphenyl-d14	20.06	244	2484642	100.37	ng	-0.01
Target Compounds						
32) Benzoic acid	10.42	122	286	7.096	ng	# 68
55) 4-Nitrophenol	15.15	139	1444	4.086	ng	# 1
69) Pentachlorophenol	17.27	266	53	5.677	ng	# 19

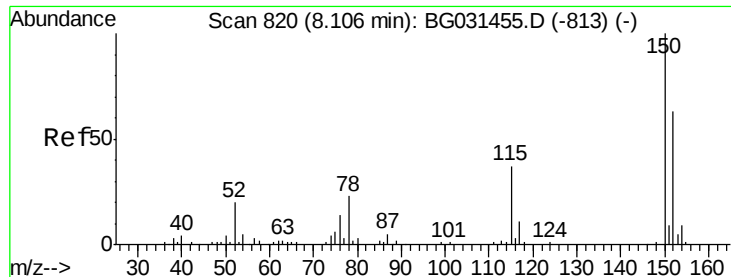
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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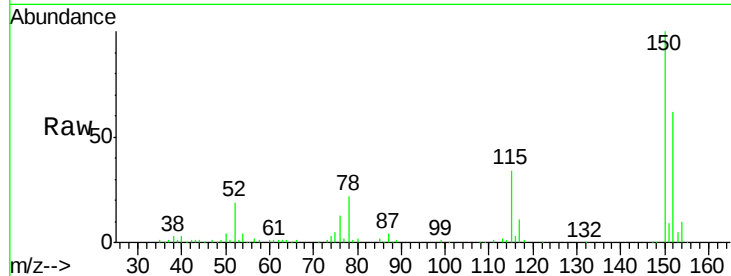


#1

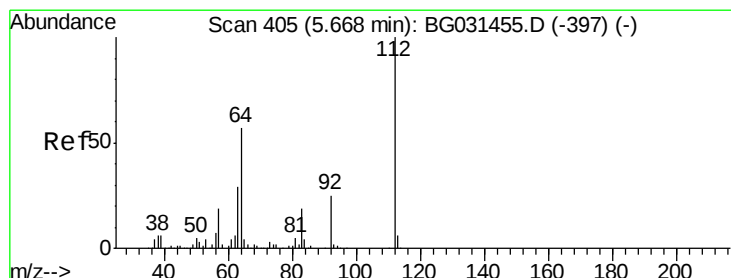
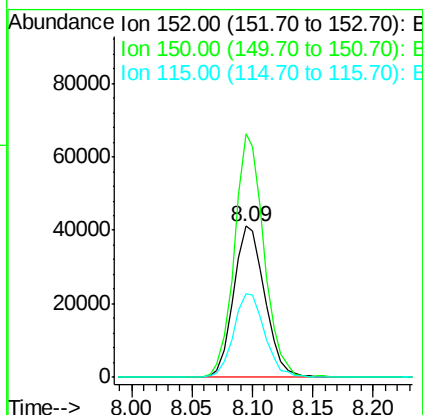
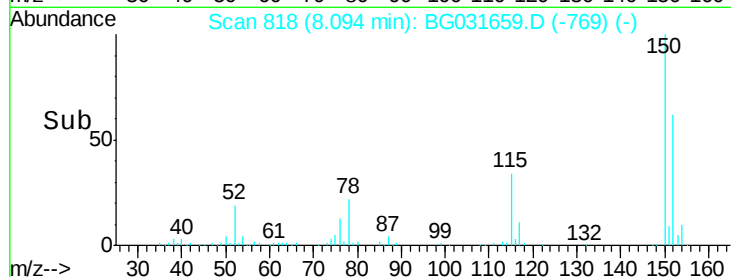
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.09 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BG031659.D
 Acq: 19 Dec 2017 7:47

Instrument :
 BNA_G
 ClientSampleId :
 HALSTED-NW

Tgt Ion:152 Resp: 74446
 Ion Ratio Lower Upper
 152 100
 150 161.3 126.6 189.8
 115 55.4 53.0 79.4



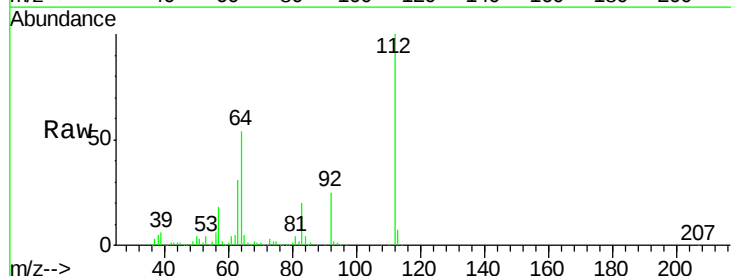
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



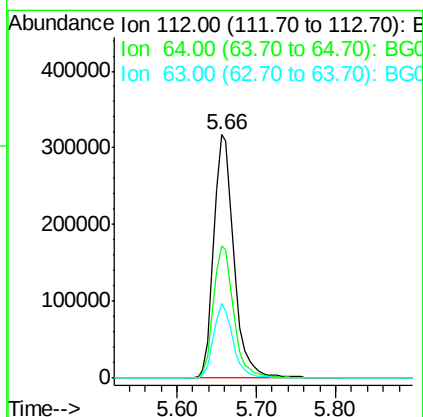
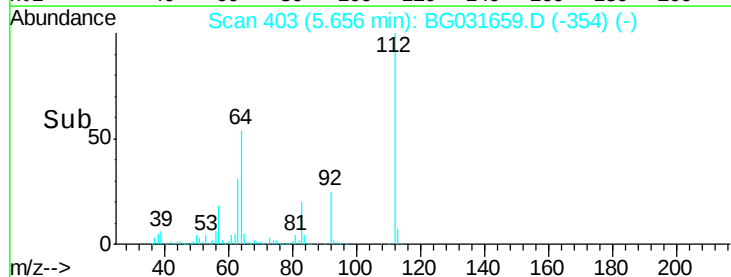
#5

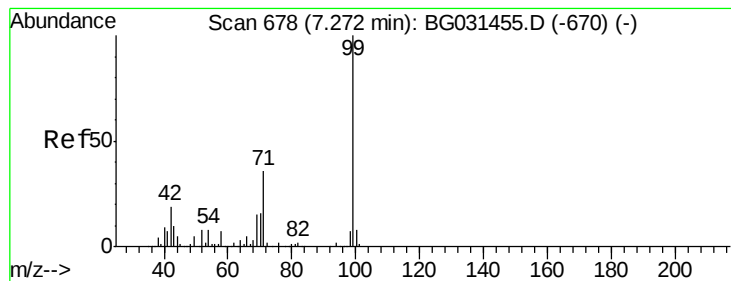
2-Fluorophenol
 Concen: 133.533 ng
 RT: 5.66 min Scan# 403
 Delta R.T. -0.01 min
 Lab File: BG031659.D
 Acq: 19 Dec 2017 7:47

Tgt Ion:112 Resp: 560841
 Ion Ratio Lower Upper
 112 100
 64 54.4 56.3 84.5#
 63 30.5 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 116.022 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG031659.D

Acq: 19 Dec 2017 7:47

Instrument :

BNA_G

ClientSampleId :

HALSTED-NW

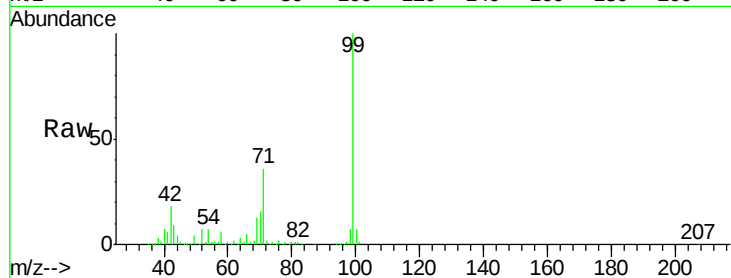
Tgt Ion: 99 Resp: 676480

Ion Ratio Lower Upper

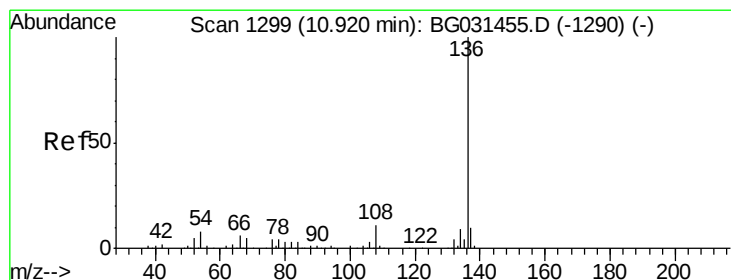
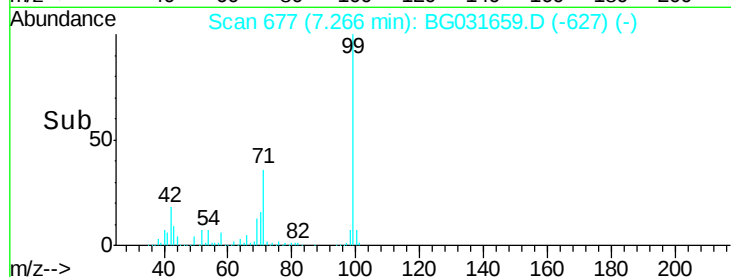
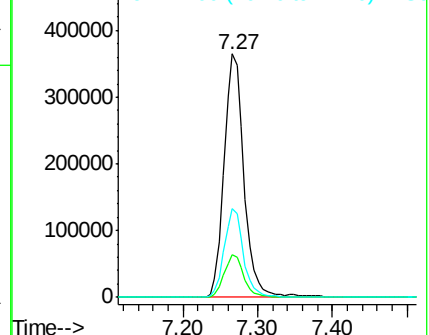
99 100

42 17.6 14.1 21.1

71 36.3 26.1 39.1



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: 10.91 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BG031659.D

Acq: 19 Dec 2017 7:47

Tgt Ion: 136 Resp: 304703

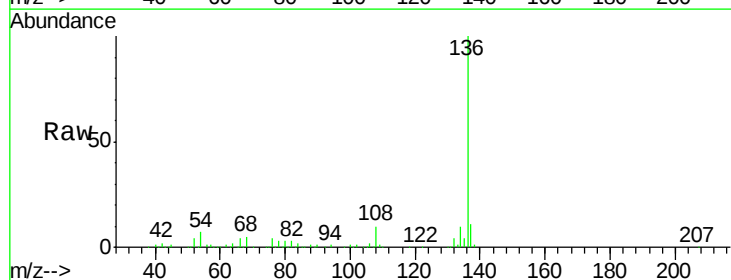
Ion Ratio Lower Upper

136 100

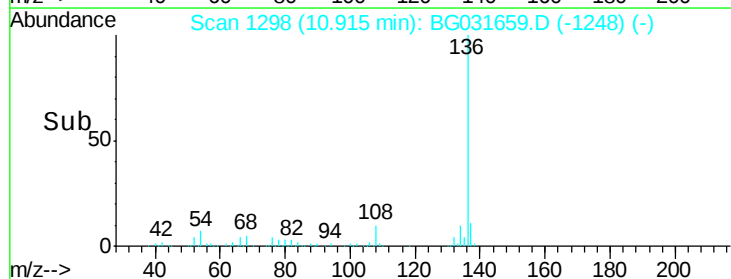
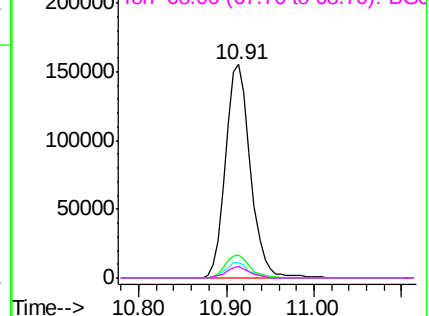
137 11.0 9.2 13.8

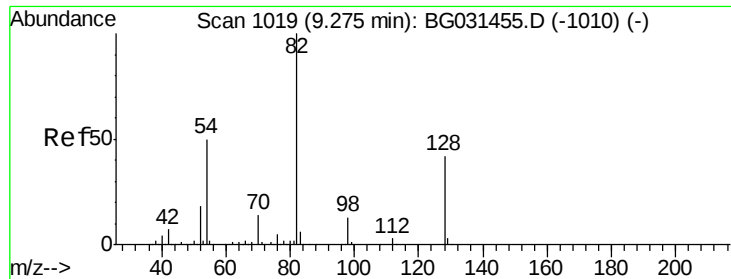
54 7.1 10.3 15.5#

68 5.1 4.5 6.7



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

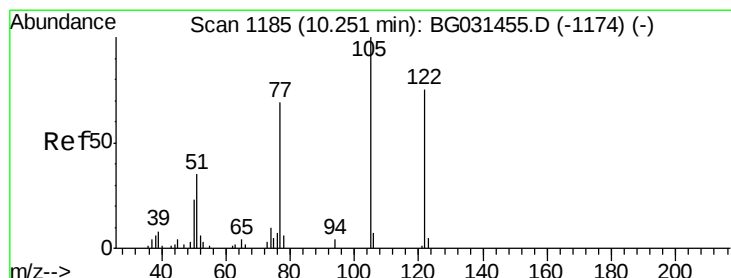
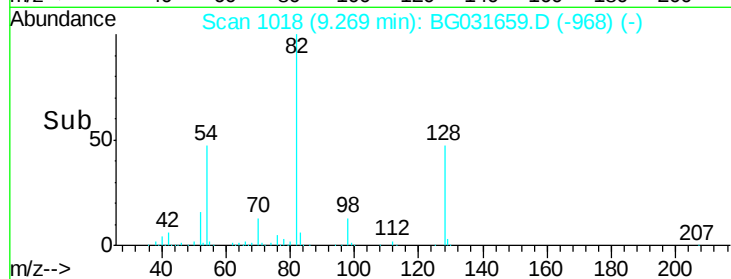
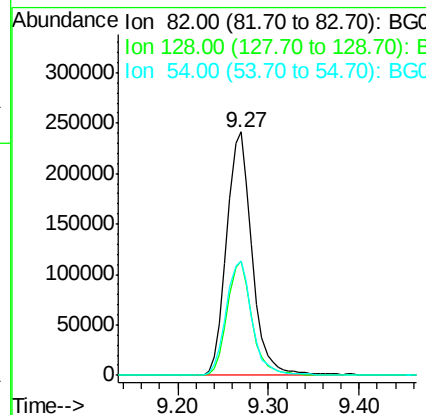
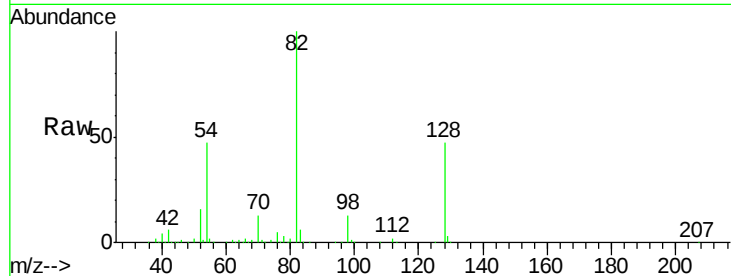




#23
 Nitrobenzene-d5
 Concen: 94.805 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BG031659.D
 Acq: 19 Dec 2017 7:47

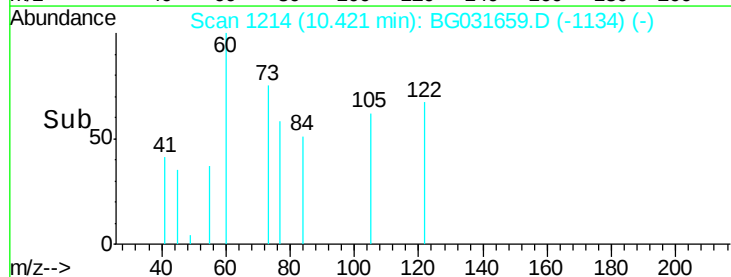
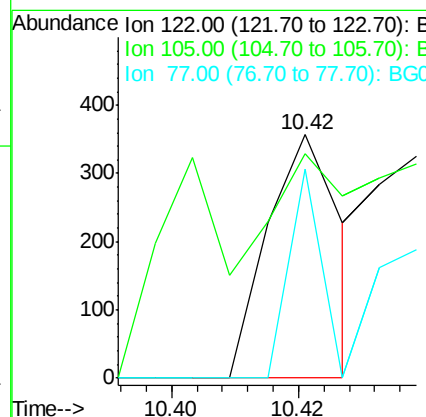
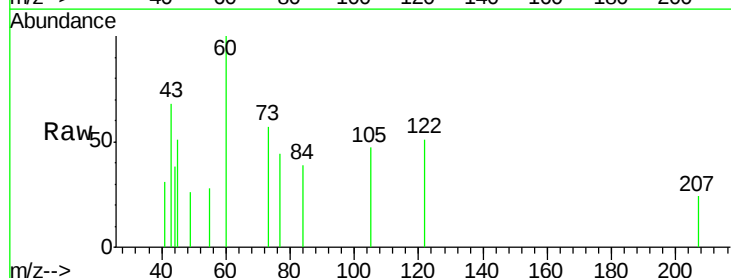
Instrument :
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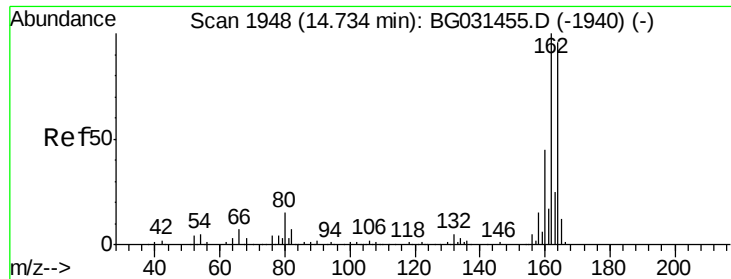
Tgt Ion: 82 Resp: 468671
 Ion Ratio Lower Upper
 82 100
 128 47.1 29.7 44.5#
 54 46.7 43.1 64.7



#32
 Benzoic acid
 Concen: 7.096 ng
 RT: 10.42 min Scan# 1214
 Delta R.T. 0.17 min
 Lab File: BG031659.D
 Acq: 19 Dec 2017 7:47

Tgt Ion: 122 Resp: 286
 Ion Ratio Lower Upper
 122 100
 105 92.4 123.5 163.5#
 77 85.7 85.7 125.7

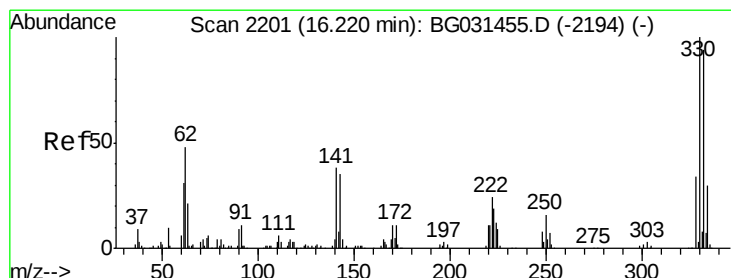
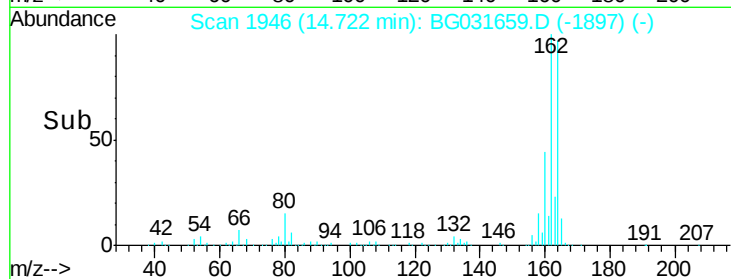
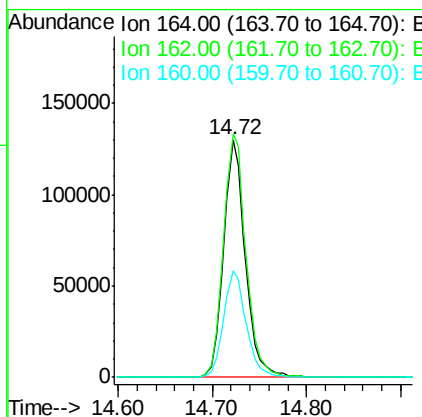
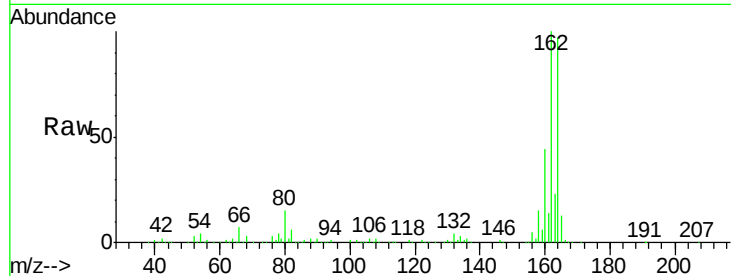




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.01 min
 Lab File: BG031659.D
 Acq: 19 Dec 2017 7:47

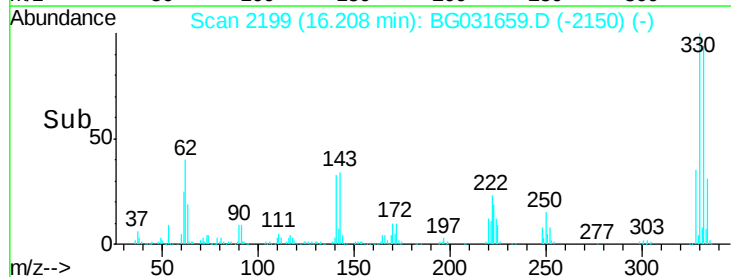
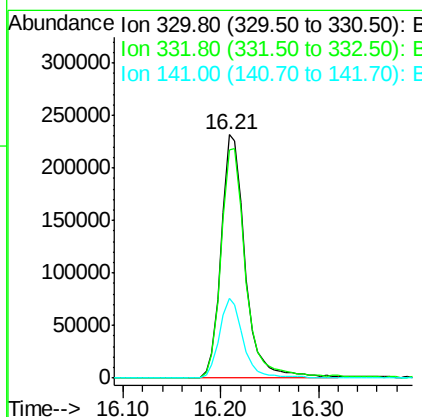
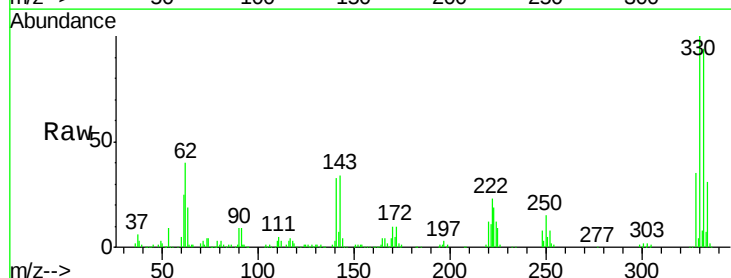
Instrument :
 BNA_G
 ClientSampleId :
 HALSTED-NW

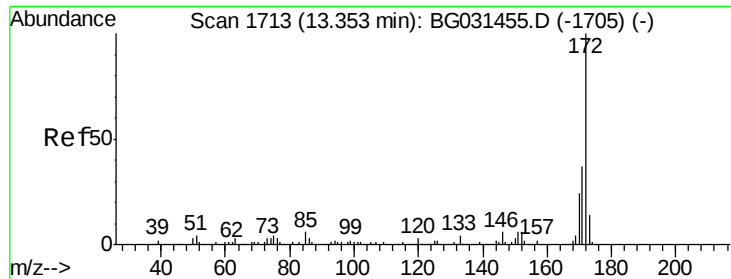
Tgt Ion:164 Resp: 208372
 Ion Ratio Lower Upper
 164 100
 162 102.6 78.8 118.2
 160 45.0 35.4 53.0



#41
 2,4,6-Tribromophenol
 Concen: 162.344 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG031659.D
 Acq: 19 Dec 2017 7:47

Tgt Ion:330 Resp: 396309
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.0 115.6
 141 32.6 25.2 37.8

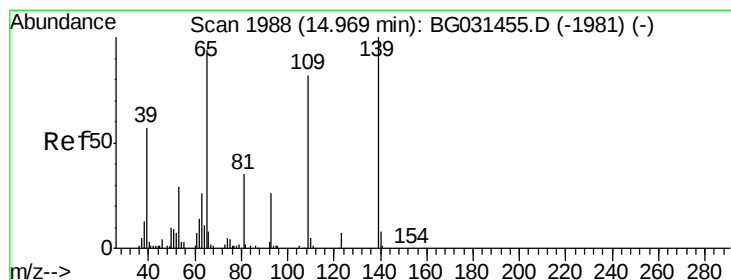
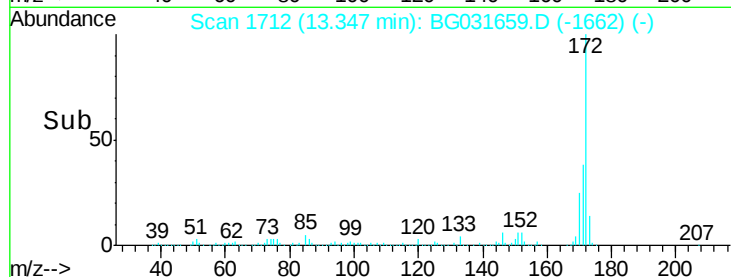
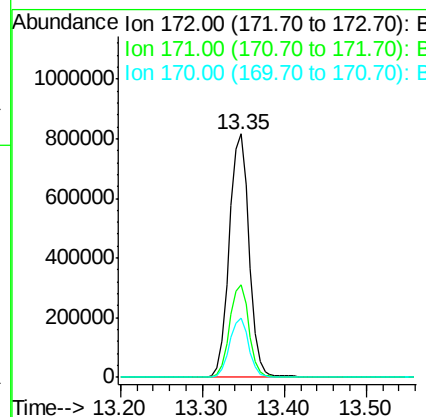
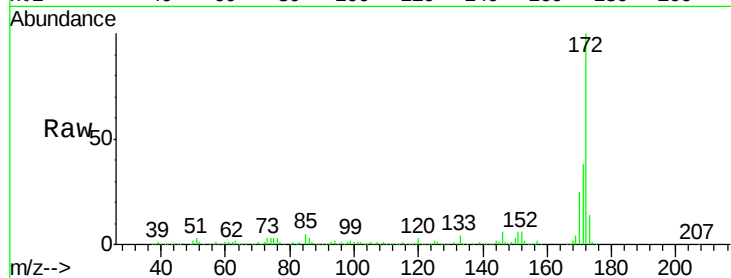




#44
 2-Fluorobiphenyl
 Concen: 97.147 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BG031659.D
 Acq: 19 Dec 2017 7:47

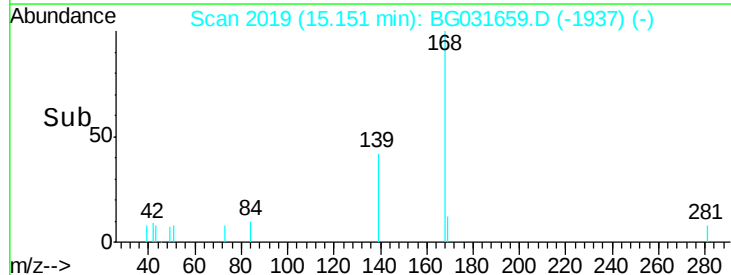
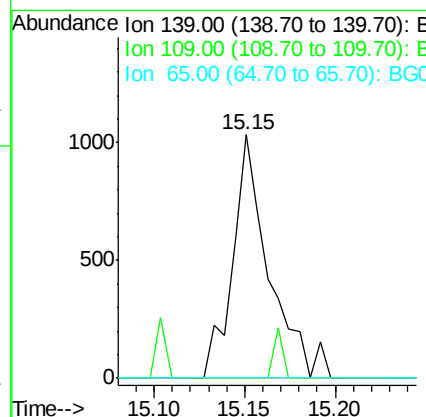
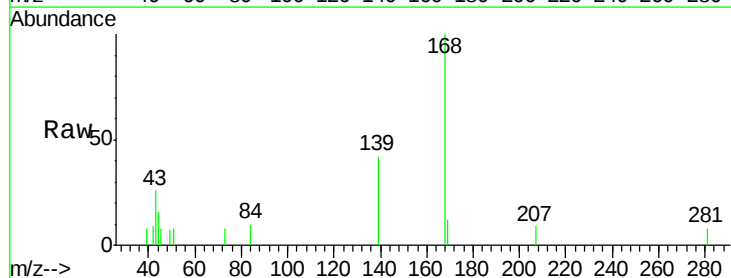
Instrument :
 BNA_G
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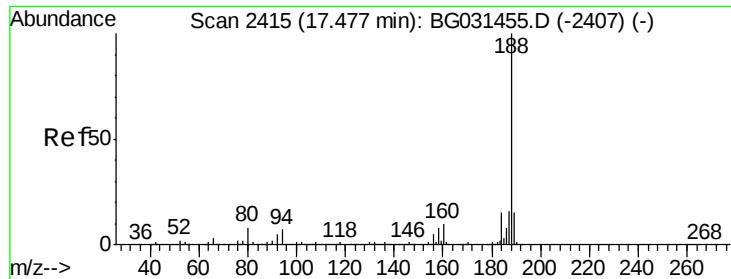
Tgt Ion:172 Resp: 1379047
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.0 45.0
 170 24.5 19.5 29.3



#55
 4-Nitrophenol
 Concen: 4.086 ng
 RT: 15.15 min Scan# 2019
 Delta R.T. 0.18 min
 Lab File: BG031659.D
 Acq: 19 Dec 2017 7:47

Tgt Ion:139 Resp: 1444
 Ion Ratio Lower Upper
 139 100
 109 0.0 62.2 102.2#
 65 0.0 97.2 137.2#

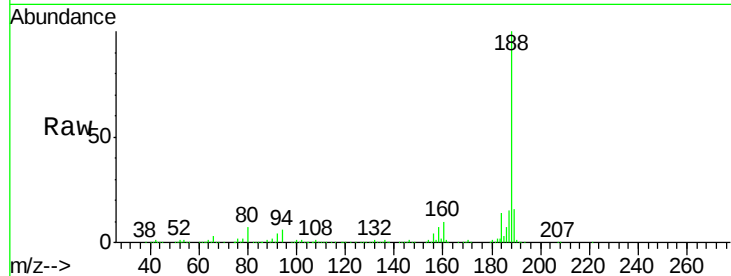




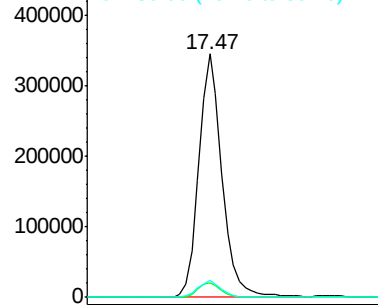
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG031659.D
Acq: 19 Dec 2017 7:47

Instrument :
BNA_G
ClientSampleId :
HALSTED-NW

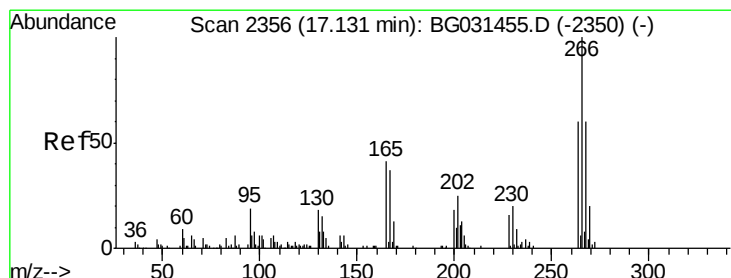
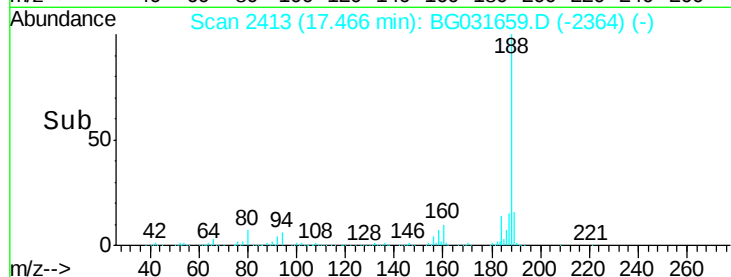
Tgt Ion:188 Resp: 549643
Ion Ratio Lower Upper
188 100
94 5.9 6.9 10.3#
80 7.3 7.7 11.5#



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

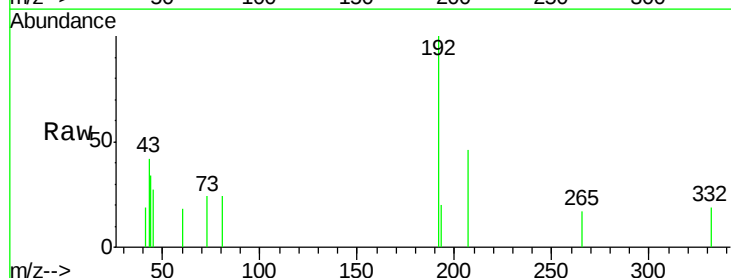


Time-->

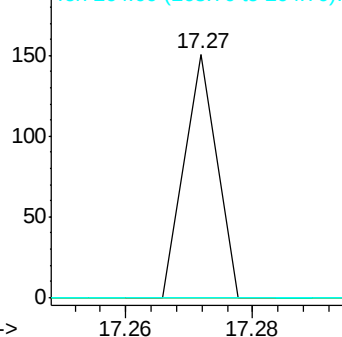


#69
Pentachlorophenol
Concen: 5.677 ng
RT: 17.27 min Scan# 2380
Delta R.T. 0.14 min
Lab File: BG031659.D
Acq: 19 Dec 2017 7:47

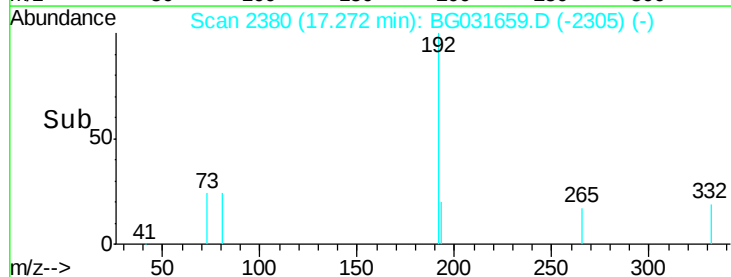
Tgt Ion:266 Resp: 53
Ion Ratio Lower Upper
266 100
268 0.0 51.1 76.7#
264 0.0 49.6 74.4#

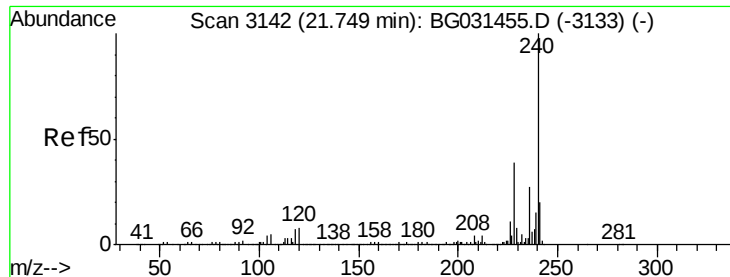


Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG031659.D

Acq: 19 Dec 2017 7:47

Instrument :

BNA_G

ClientSampleId :

HALSTED-NW

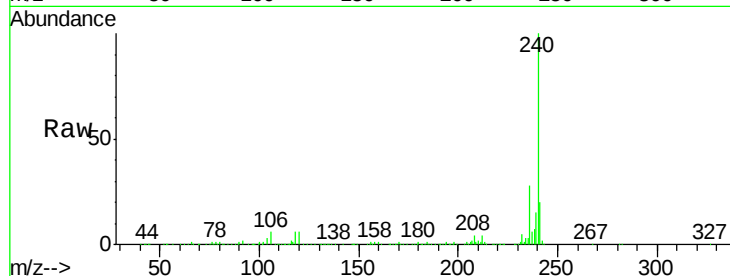
Tgt Ion:240 Resp: 563205

Ion Ratio Lower Upper

240 100

120 6.4 6.8 10.2#

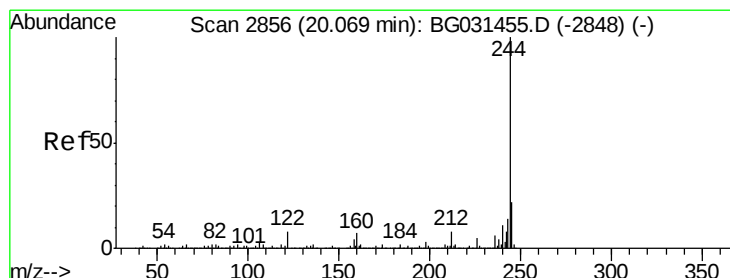
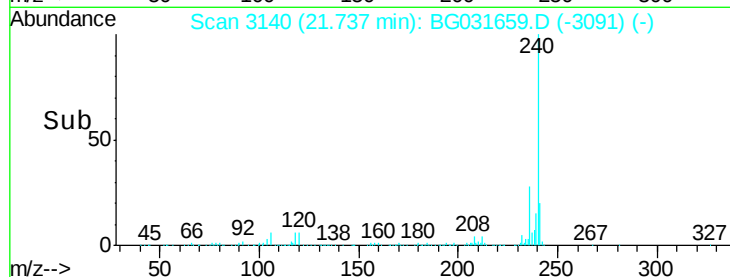
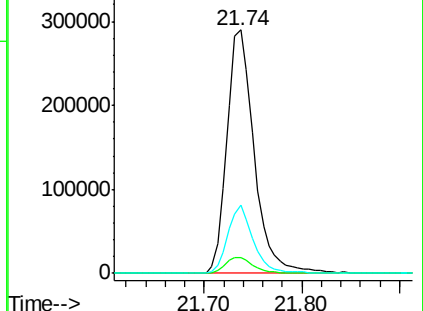
236 27.8 20.9 31.3



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



#78

Terphenyl-d14

Concen: 100.371 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG031659.D

Acq: 19 Dec 2017 7:47

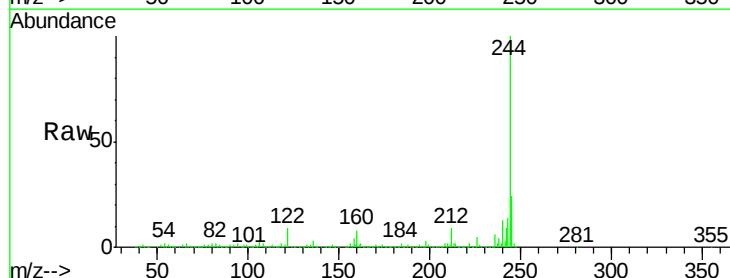
Tgt Ion:244 Resp: 2484642

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

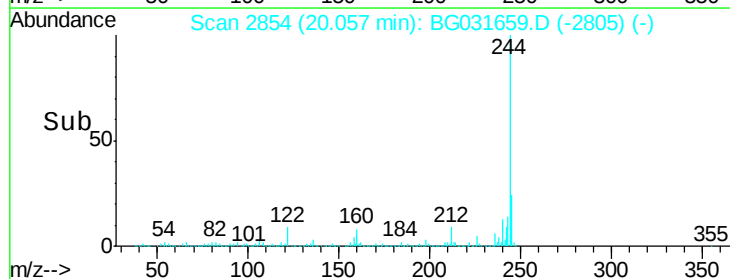
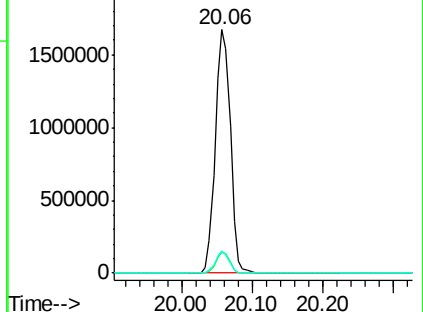
122 8.9 7.0 10.4

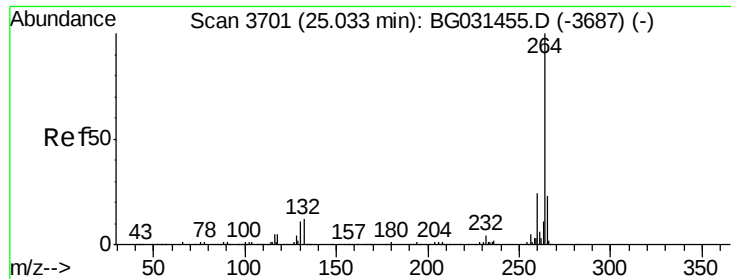


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3699

Delta R.T. -0.01 min

Lab File: BG031659.D

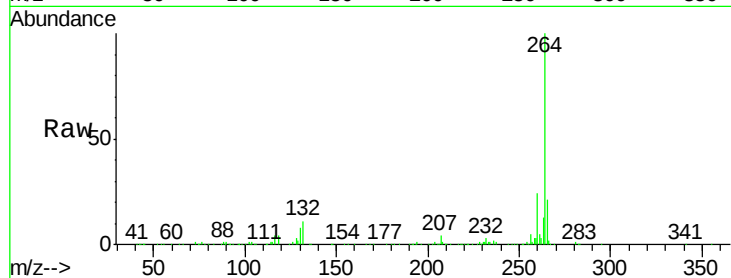
Acq: 19 Dec 2017 7:47

Instrument :

BNA_G

ClientSampleId :

HALSTED-NW



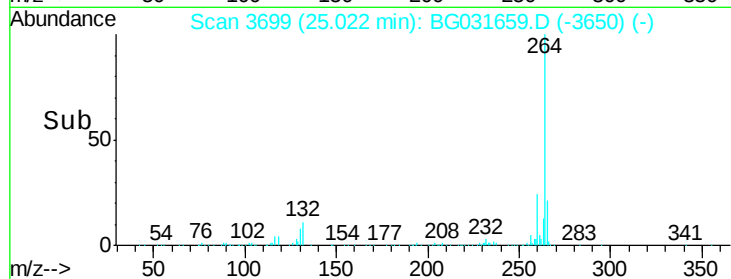
Tgt Ion: 264 Resp: 498539

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.0

265 21.1 17.7 26.5



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

