

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121517\
 Data File : BG031610.D
 Acq On : 16 Dec 2017 4:58
 Operator : SJ/JU
 Sample : I6880-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 120817-TIDO-F-D-B

Quant Time: Dec 18 03:26:10 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

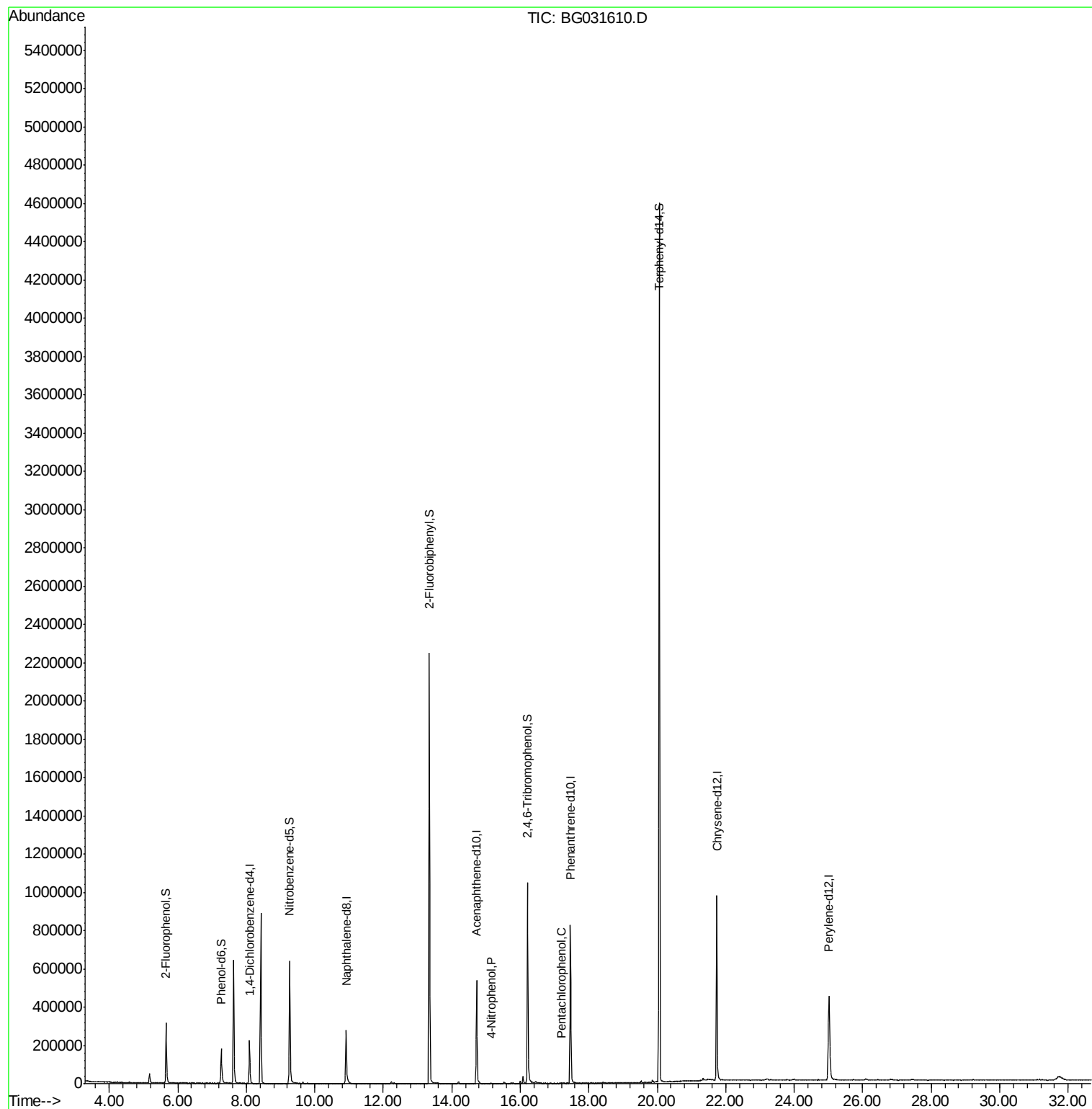
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	72009	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	308031	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	212239	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	568868	20.00	ng	-0.01
75) Chrysene-d12	21.74	240	635094	20.00	ng	-0.01
86) Perylene-d12	25.02	264	546762	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	176261	43.39	ng	-0.01
7) Phenol-d6	7.27	99	139011	24.65	ng	0.00
23) Nitrobenzene-d5	9.27	82	449138	89.87	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	244210	98.22	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1321451	91.39	ng	0.00
78) Terphenyl-d14	20.06	244	2276250	81.54	ng	-0.01
Target Compounds						
55) 4-Nitrophenol	15.16	139	690	3.797	ng	# 1
69) Pentachlorophenol	17.21	266	57	5.678	ng	# 19

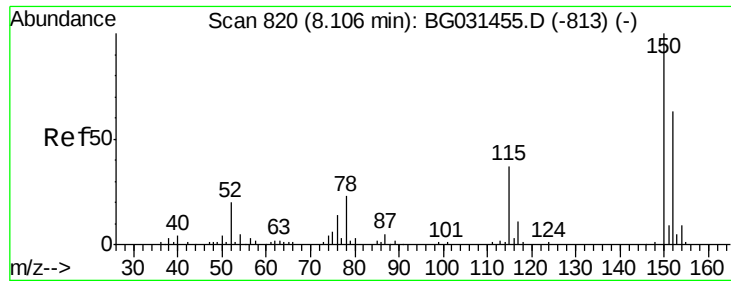
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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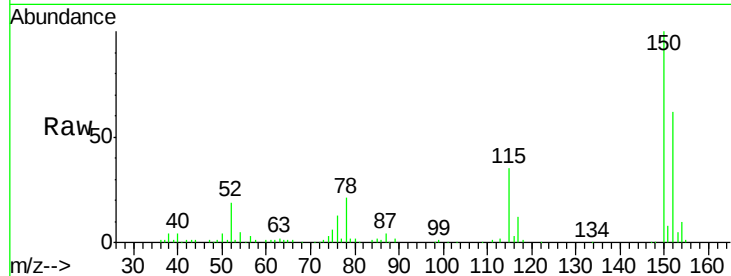


#1

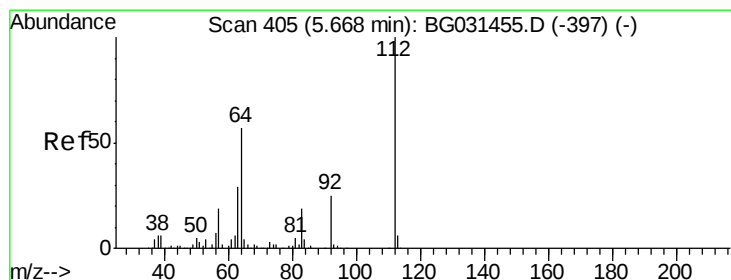
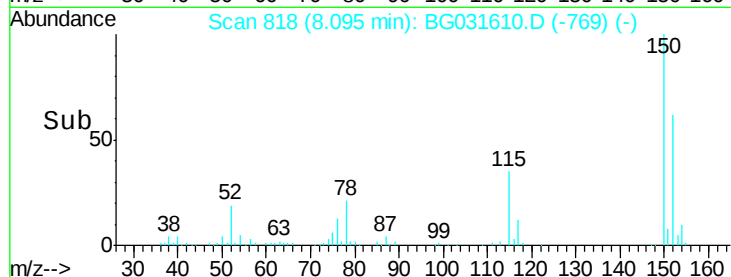
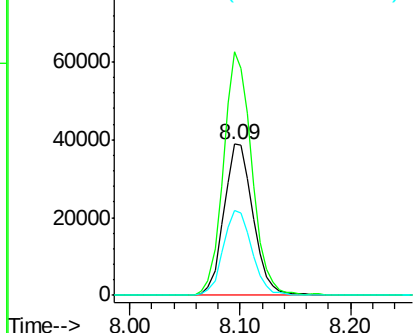
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG031610.D
Acq: 16 Dec 2017 4:58

Instrument :
BNA_G
ClientSampleId :
120817-TIDO-F-D-B

Tgt Ion:152 Resp: 72009
Ion Ratio Lower Upper
152 100
150 161.2 126.6 189.8
115 56.5 53.0 79.4



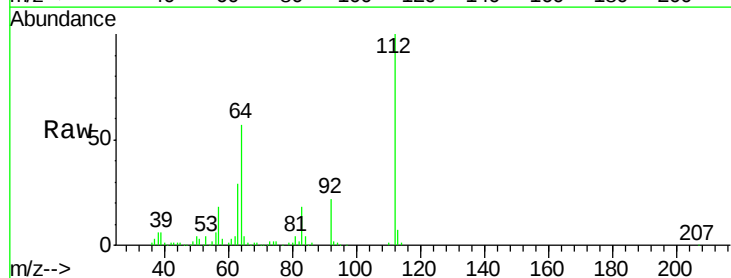
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



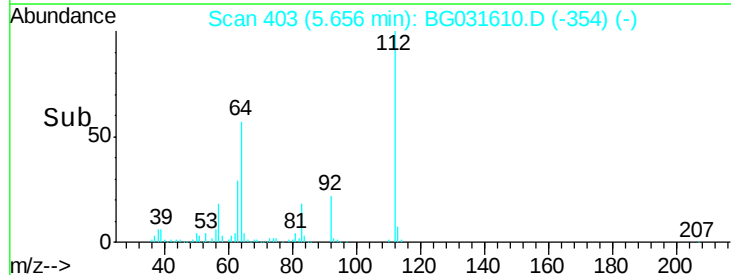
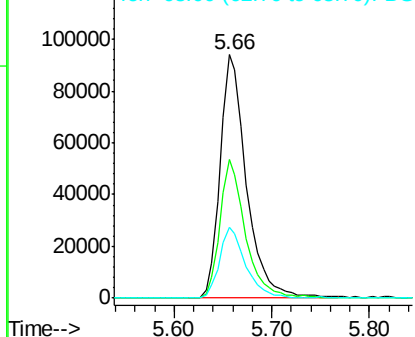
#5

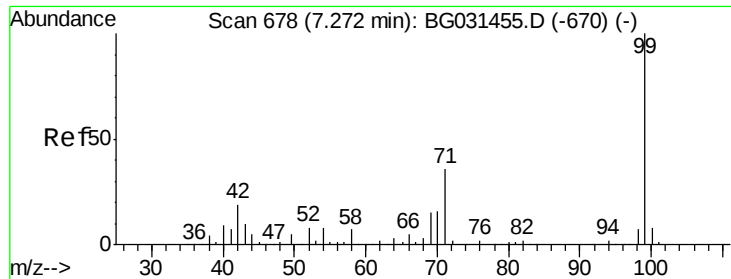
2-Fluorophenol
Concen: 43.387 ng
RT: 5.66 min Scan# 403
Delta R.T. -0.01 min
Lab File: BG031610.D
Acq: 16 Dec 2017 4:58

Tgt Ion:112 Resp: 176261
Ion Ratio Lower Upper
112 100
64 56.7 56.3 84.5
63 29.3 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: 24.648 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG031610.D

Acq: 16 Dec 2017 4:58

Instrument :

BNA_G

ClientSampleId :

120817-TIDO-F-D-B

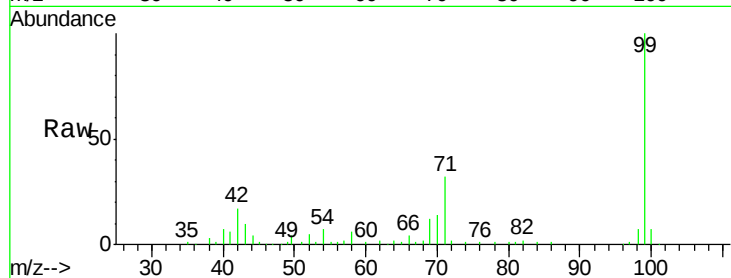
Tgt Ion: 99 Resp: 139011

Ion Ratio Lower Upper

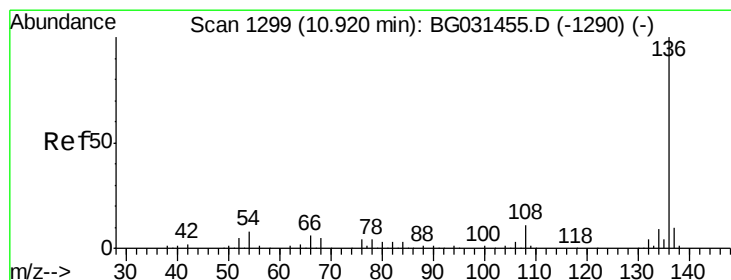
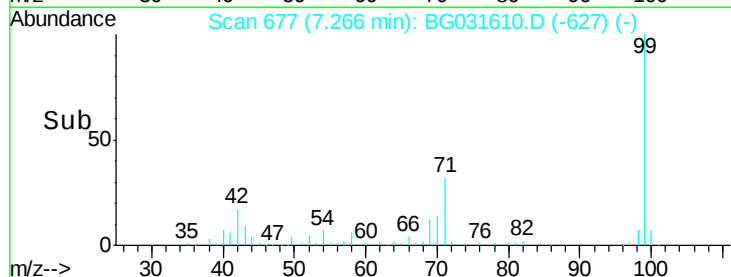
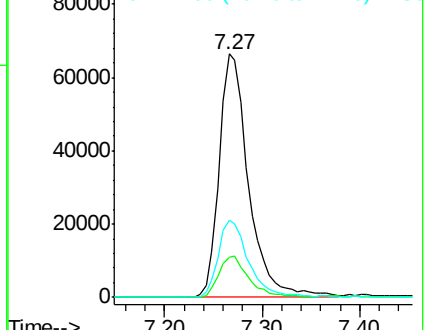
99 100

42 16.6 14.1 21.1

71 31.7 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: BG031610.D

Acq: 16 Dec 2017 4:58

Tgt Ion: 136 Resp: 308031

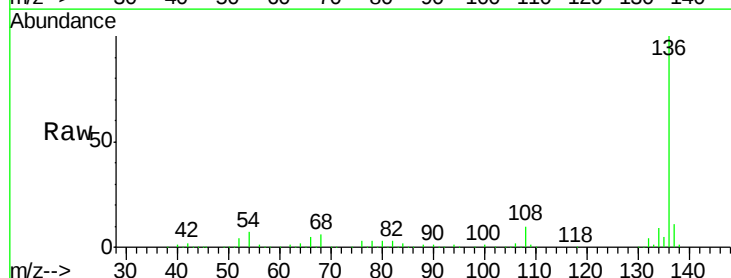
Ion Ratio Lower Upper

136 100

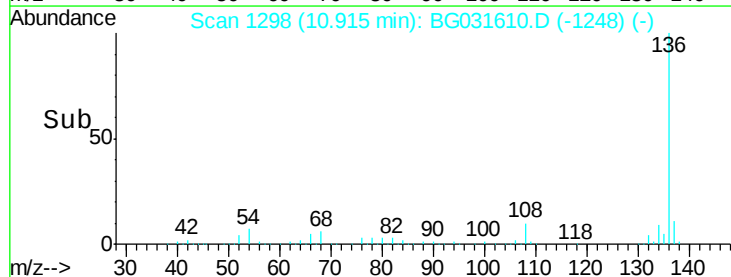
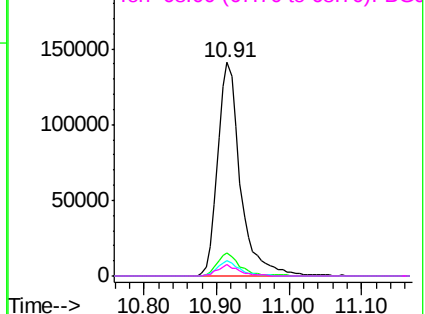
137 10.6 9.2 13.8

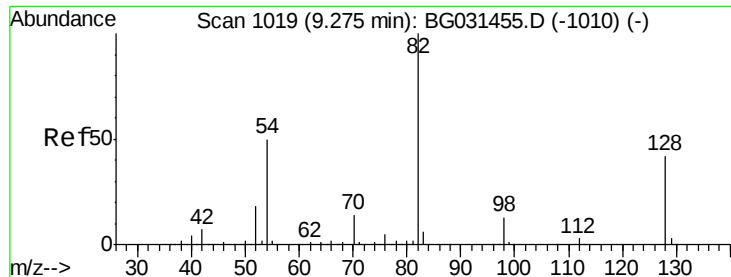
54 7.3 10.3 15.5#

68 5.6 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

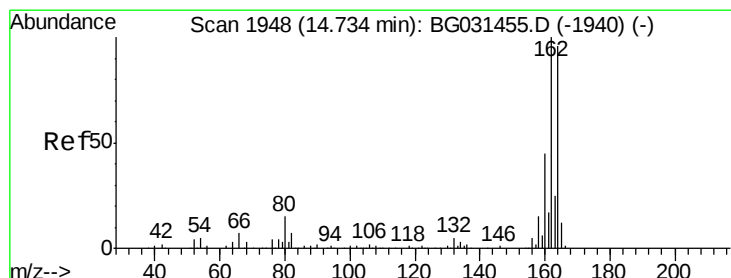
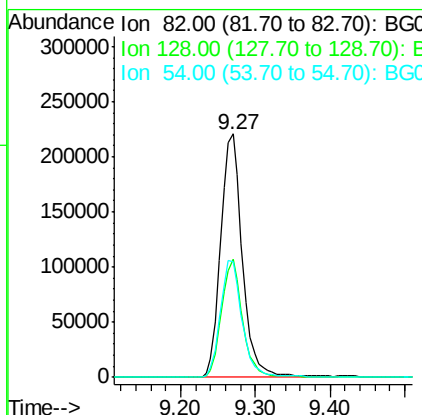
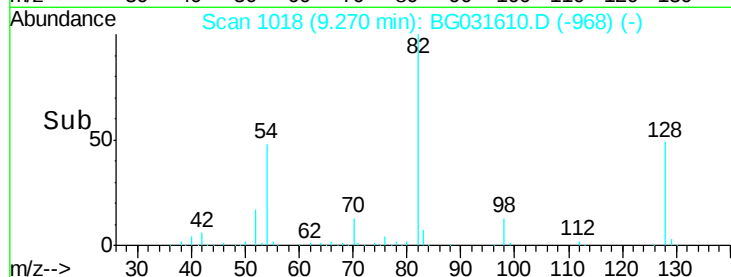
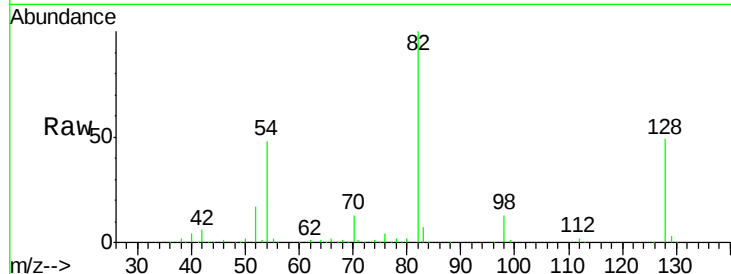




#23
 Nitrobenzene-d5
 Concen: 89.872 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BG031610.D
 Acq: 16 Dec 2017 4:58

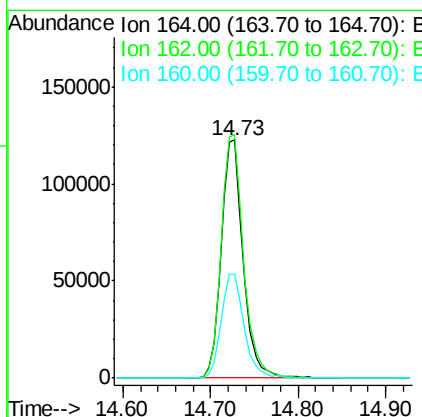
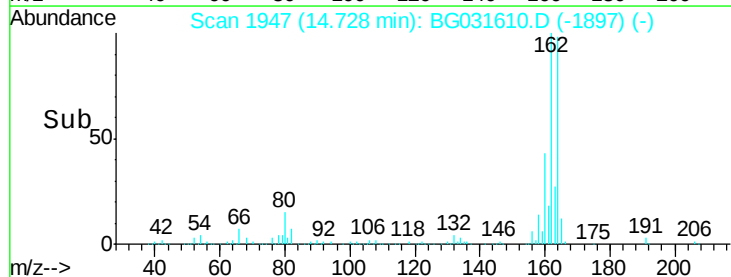
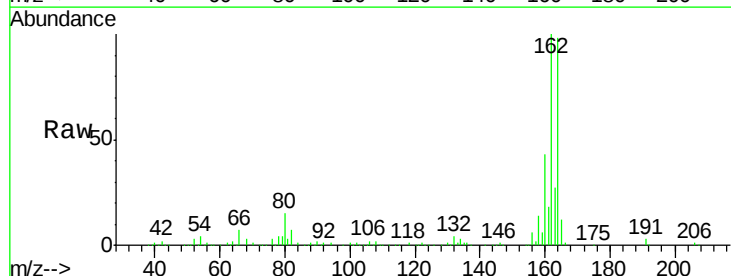
Instrument :
 BNA_G
 ClientSampleId :
 120817-TIDO-F-D-B

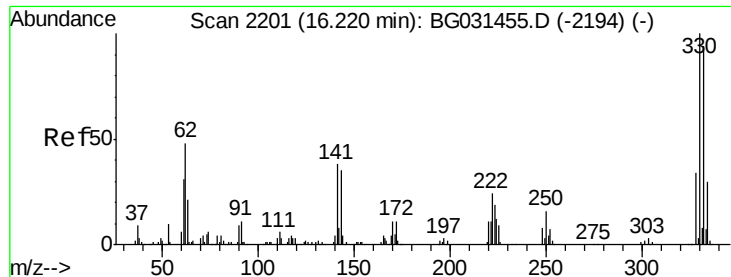
Tgt Ion: 82 Resp: 449138
 Ion Ratio Lower Upper
 82 100
 128 48.5 29.7 44.5#
 54 47.7 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.01 min
 Lab File: BG031610.D
 Acq: 16 Dec 2017 4:58

Tgt Ion: 164 Resp: 212239
 Ion Ratio Lower Upper
 164 100
 162 102.3 78.8 118.2
 160 44.0 35.4 53.0

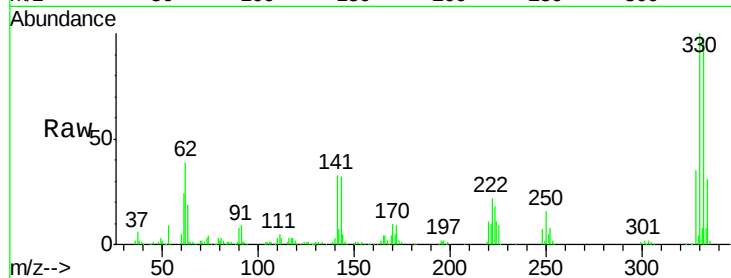




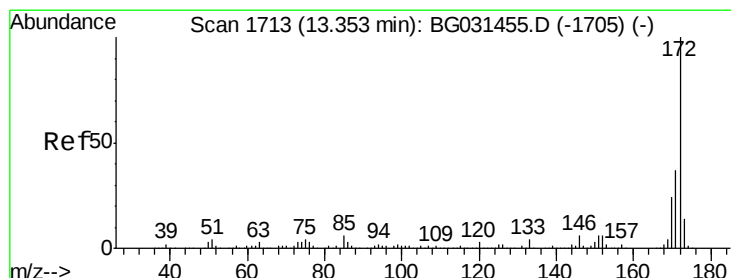
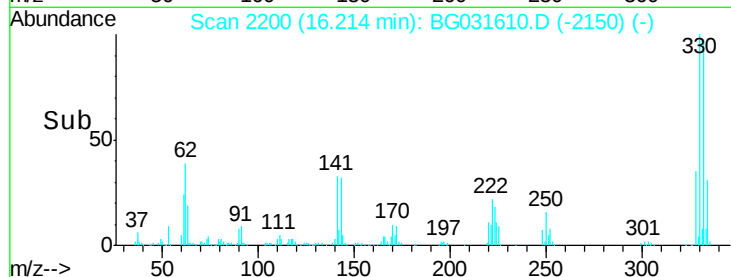
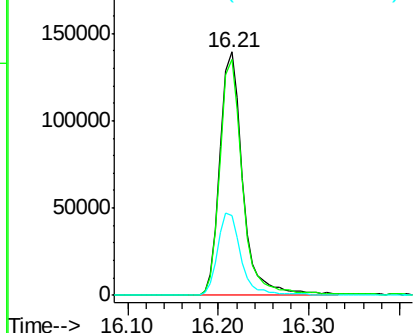
#41
 2,4,6-Tribromophenol
 Concen: 98.216 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG031610.D
 Acq: 16 Dec 2017 4:58

Instrument :
 BNA_G
 ClientSampleId :
 120817-TIDO-F-D-B

Tgt Ion:330 Resp: 244210
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.0 115.6
 141 34.5 25.2 37.8

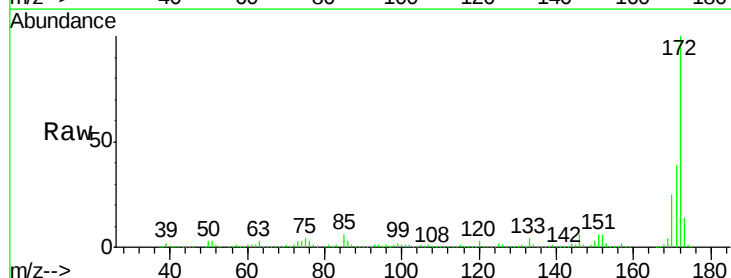


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

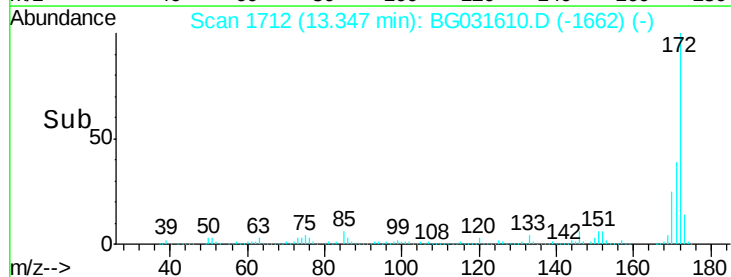
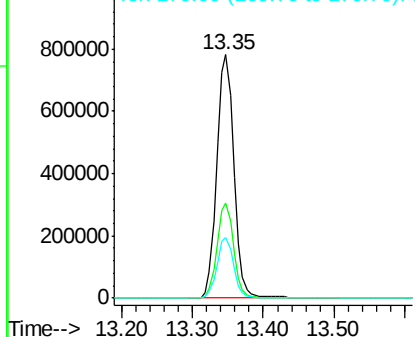


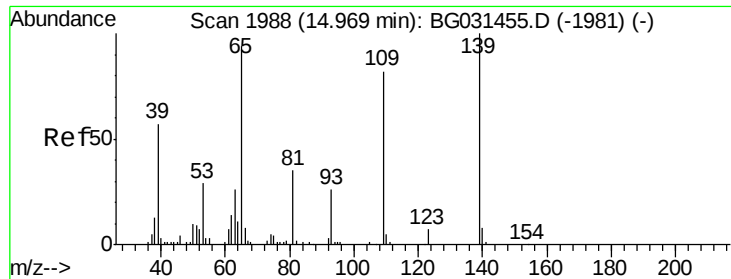
#44
 2-Fluorobiphenyl
 Concen: 91.393 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BG031610.D
 Acq: 16 Dec 2017 4:58

Tgt Ion:172 Resp: 1321451
 Ion Ratio Lower Upper
 172 100
 171 38.9 30.0 45.0
 170 24.8 19.5 29.3



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





#55

4-Nitrophenol

Concen: 3.797 ng

RT: 15.16 min Scan# 2020

Delta R.T. 0.19 min

Lab File: BG031610.D

Acq: 16 Dec 2017 4:58

Instrument :

BNA_G

ClientSampleId :

120817-TIDO-F-D-B

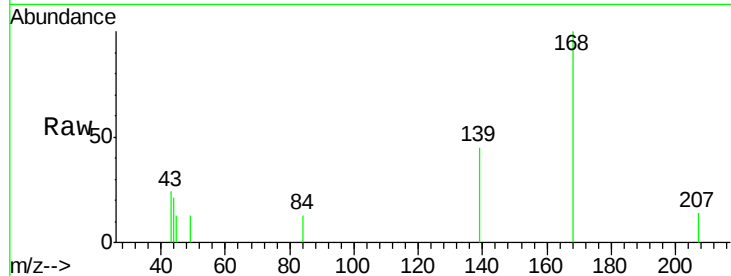
Tgt Ion:139 Resp: 690

Ion Ratio Lower Upper

139 100

109 0.0 62.2 102.2#

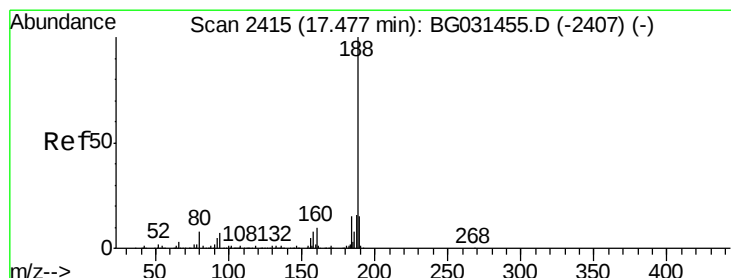
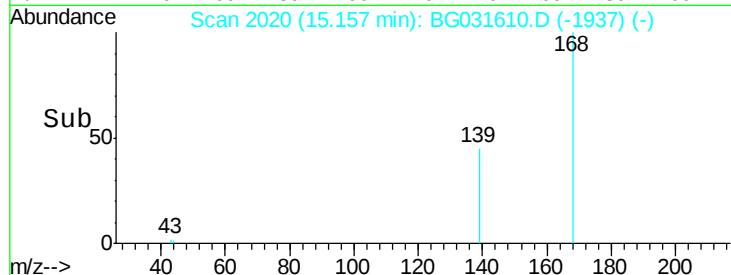
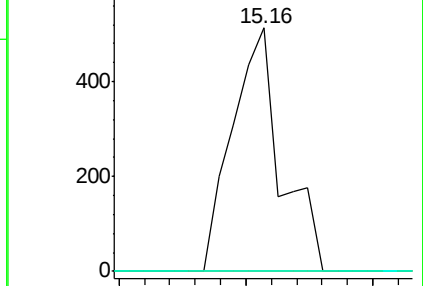
65 0.0 97.2 137.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG031610.D

Acq: 16 Dec 2017 4:58

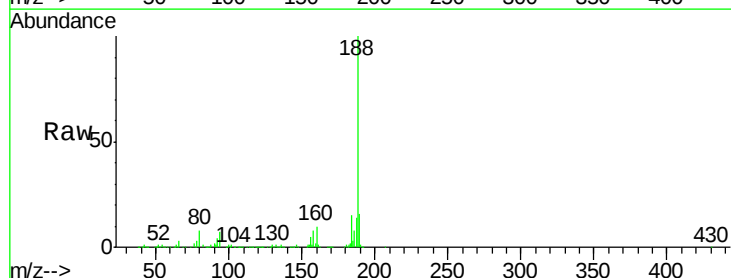
Tgt Ion:188 Resp: 568868

Ion Ratio Lower Upper

188 100

94 7.0 6.9 10.3

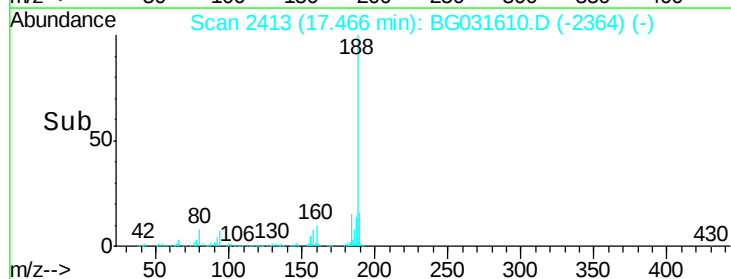
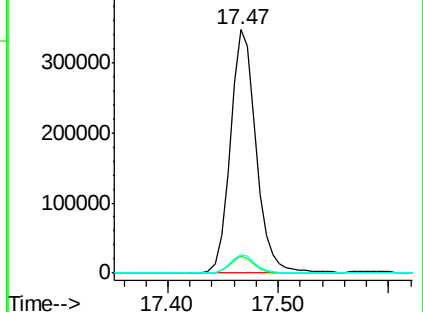
80 7.6 7.7 11.5#

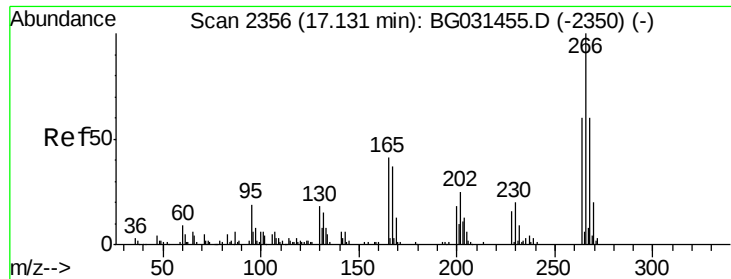


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#69

Pentachlorophenol

Concen: 5.678 ng

RT: 17.21 min Scan# 2369

Delta R.T. 0.08 min

Lab File: BG031610.D

Acq: 16 Dec 2017 4:58

Instrument :

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ClientSampleId :

120817-TIDO-F-D-B

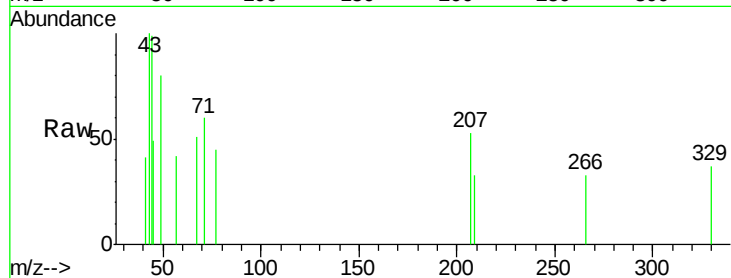
Tgt Ion:266 Resp: 57

Ion Ratio Lower Upper

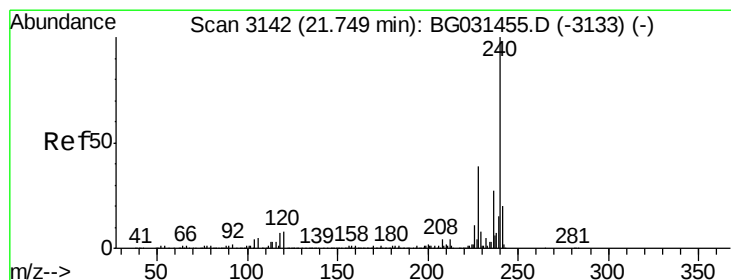
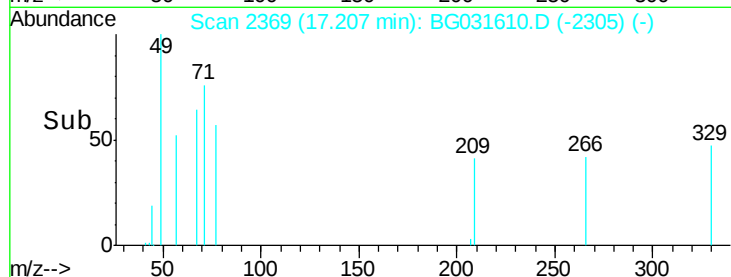
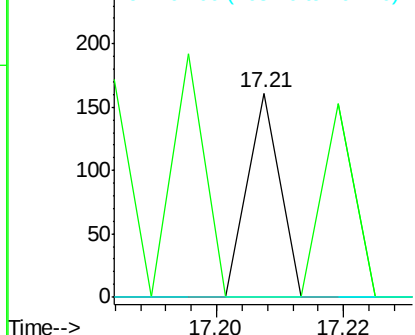
266 100

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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG031610.D

Acq: 16 Dec 2017 4:58

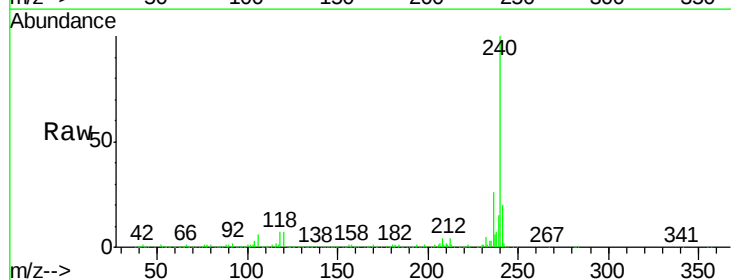
Tgt Ion:240 Resp: 635094

Ion Ratio Lower Upper

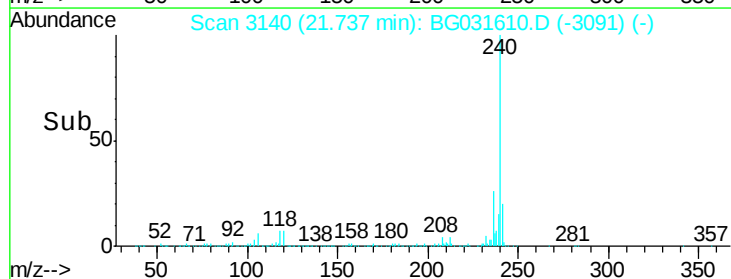
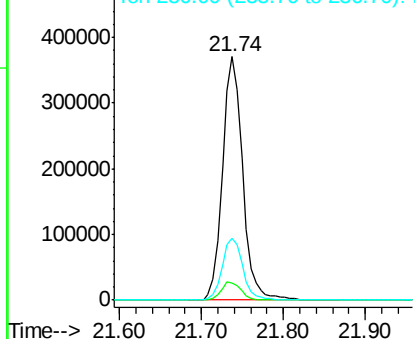
240 100

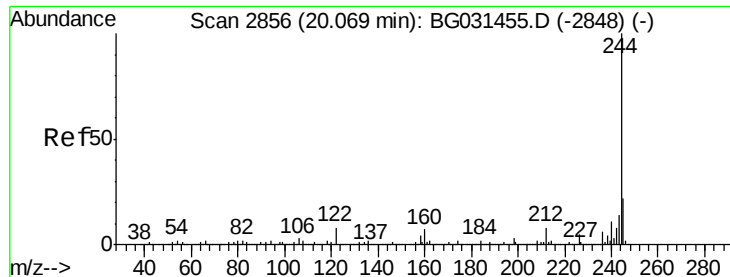
120 7.2 6.8 10.2

236 25.6 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: 81.544 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG031610.D

Acq: 16 Dec 2017 4:58

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BNA_G

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120817-TIDO-F-D-B

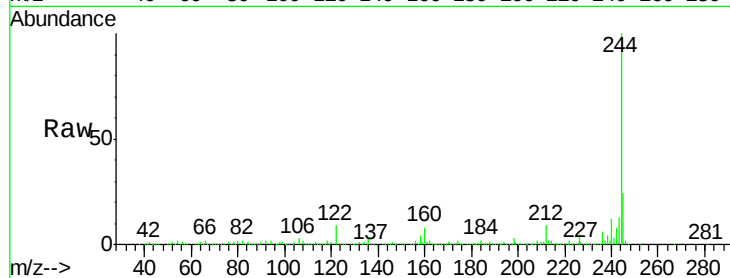
Tgt Ion:244 Resp: 2276250

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

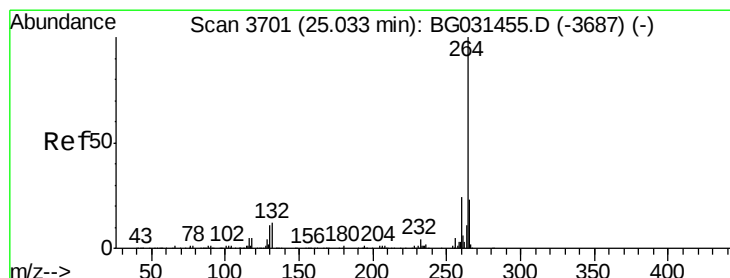
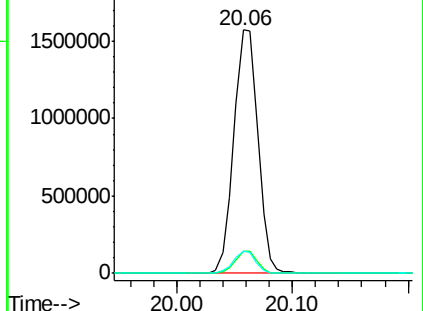
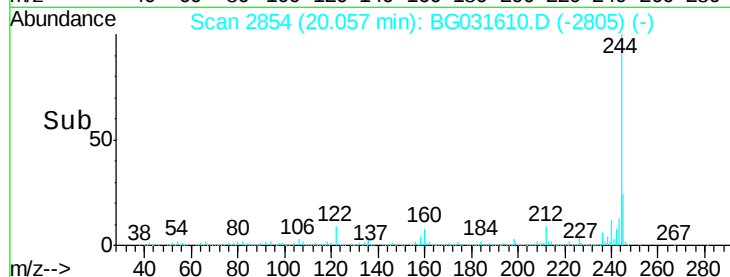
122 9.2 7.0 10.4



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# 3698

Delta R.T. -0.02 min

Lab File: BG031610.D

Acq: 16 Dec 2017 4:58

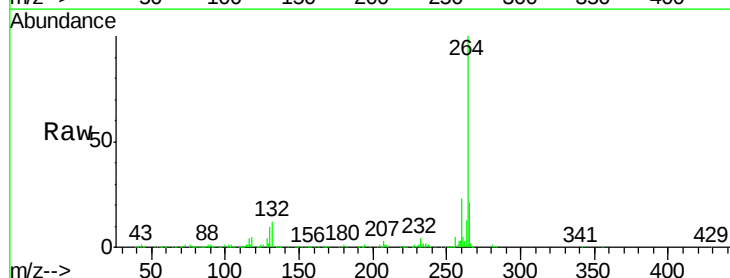
Tgt Ion:264 Resp: 546762

Ion Ratio Lower Upper

264 100

260 23.0 17.4 26.0

265 21.3 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

