

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062016\
 Data File : BG022451.D
 Acq On : 20 Jun 2016 21:40
 Operator : UM/SJ
 Sample : H3679-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-02

Quant Time: Jun 21 02:12:47 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 17:40:23 2016
 Response via : Initial Calibration

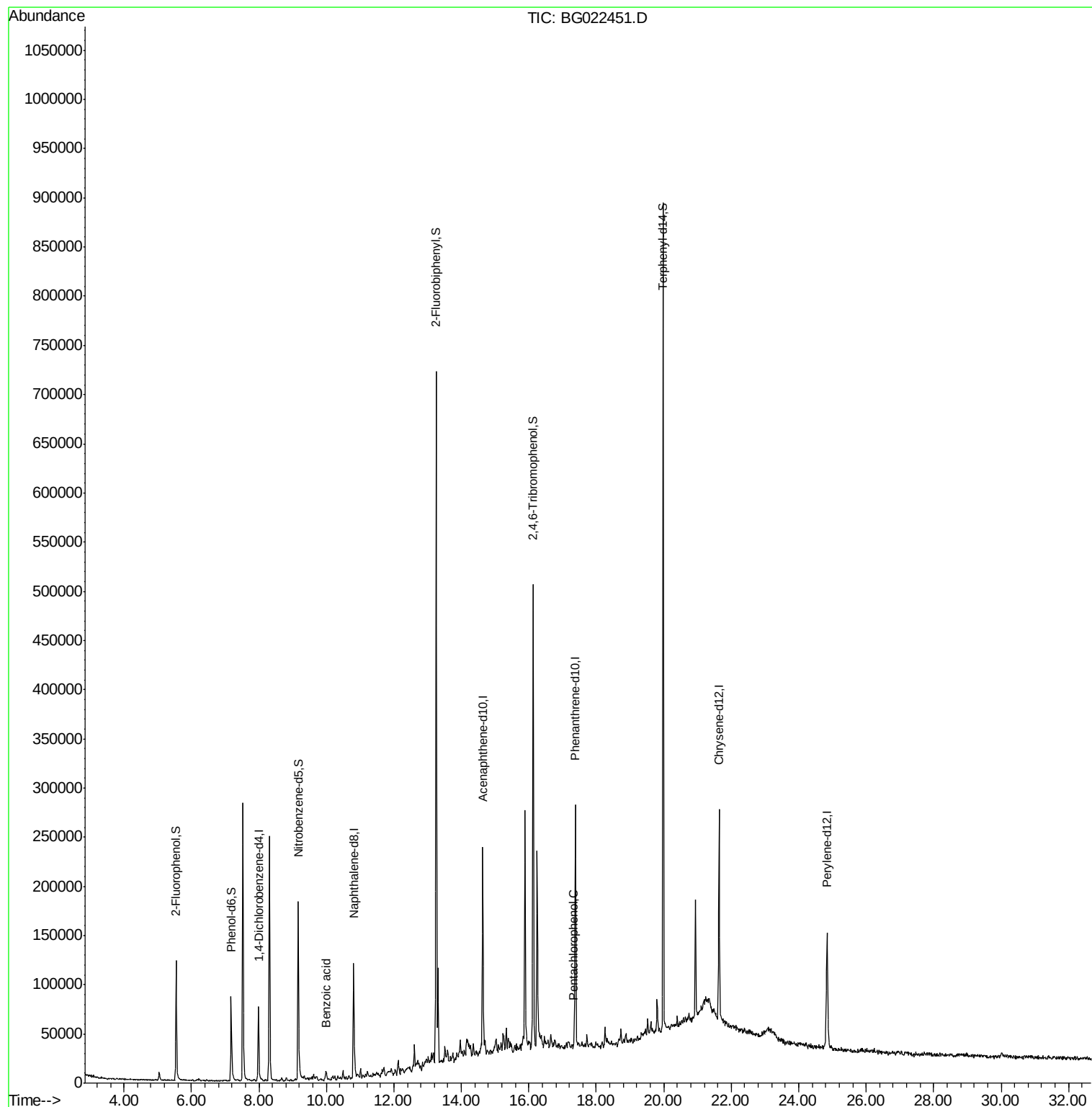
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	25631	20.00	ng	-0.10
21) Naphthalene-d8	10.81	136	131550	20.00	ng	-0.10
38) Acenaphthene-d10	14.63	164	79816	20.00	ng	-0.09
63) Phenanthrene-d10	17.38	188	162537	20.00	ng	-0.09
75) Chrysene-d12	21.64	240	122126	20.00	ng	-0.10
86) Perylene-d12	24.84	264	113190	20.00	ng	-0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	84844	64.00	ng	-0.09
7) Phenol-d6	7.18	99	81149	38.93	ng	-0.07
23) Nitrobenzene-d5	9.16	82	153840	81.53	ng	-0.10
41) 2,4,6-Tribromophenol	16.12	330	87931	97.50	ng	-0.09
44) 2-Fluorobiphenyl	13.25	172	403550	77.05	ng	-0.09
78) Terphenyl-d14	19.98	244	338396	65.78	ng	-0.08
Target Compounds						
32) Benzoic acid	10.00	122	57	7.36	ng	# 5
69) Pentachlorophenol	17.30	266	58	6.84	ng	# 16

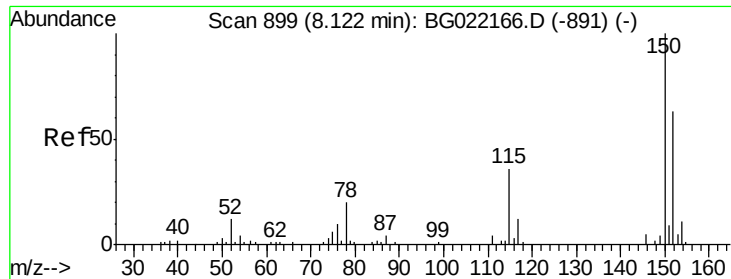
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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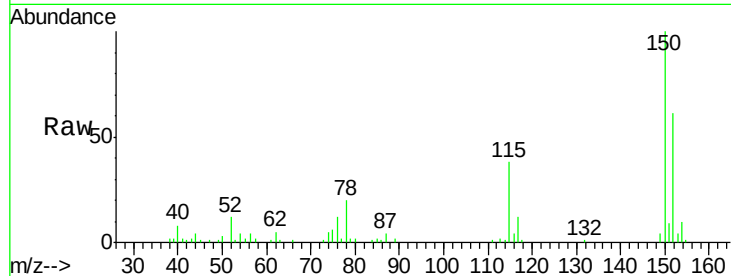


#1

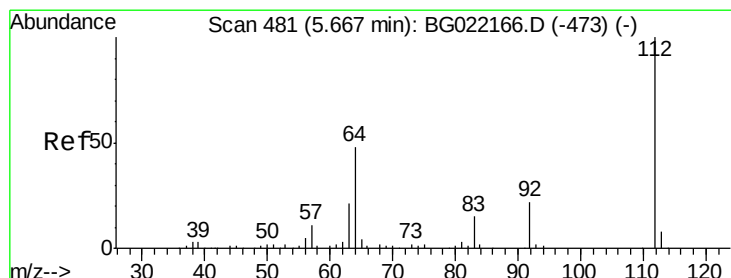
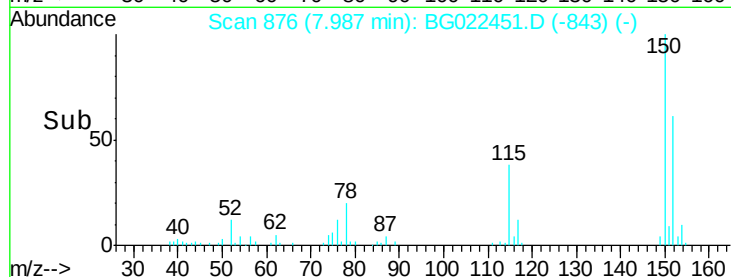
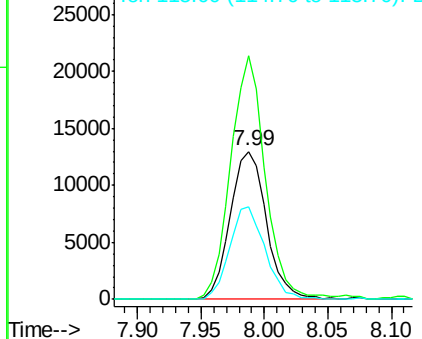
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.99 min Scan# 876
Delta R.T. -0.10 min
Lab File: BG022451.D
Acq: 20 Jun 2016 21:40

Instrument :
BNA_G
ClientSampleId :
W-02

Tgt Ion:152 Resp: 25631
Ion Ratio Lower Upper
152 100
150 164.3 130.1 195.1
115 62.2 62.2 93.2



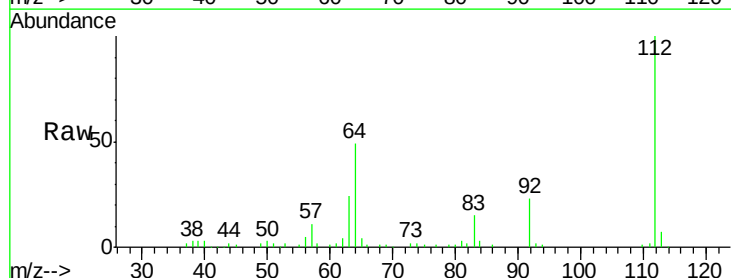
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



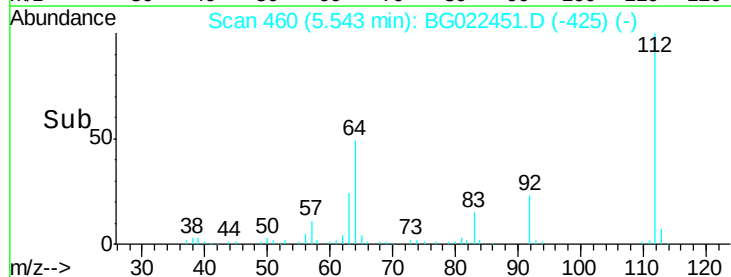
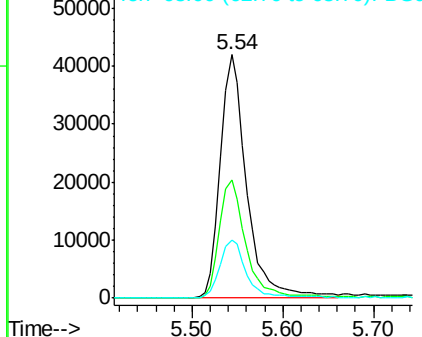
#5

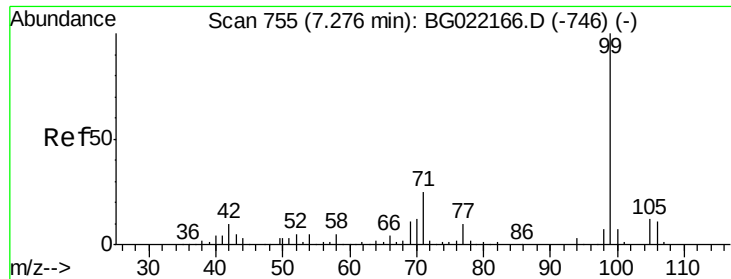
2-Fluorophenol
Concen: 64.00 ng
RT: 5.54 min Scan# 460
Delta R.T. -0.09 min
Lab File: BG022451.D
Acq: 20 Jun 2016 21:40

Tgt Ion:112 Resp: 84844
Ion Ratio Lower Upper
112 100
64 48.7 51.1 76.7#
63 23.7 24.6 37.0#



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: 38.93 ng

RT: 7.18 min Scan# 738

Delta R.T. -0.07 min

Lab File: BG022451.D

Acq: 20 Jun 2016 21:40

Instrument :

BNA_G

ClientSampleId :

W-02

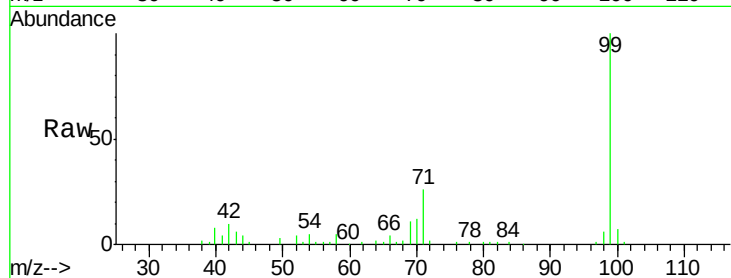
Tgt Ion: 99 Resp: 81149

Ion Ratio Lower Upper

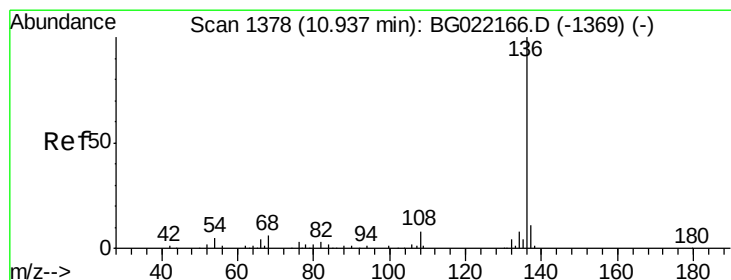
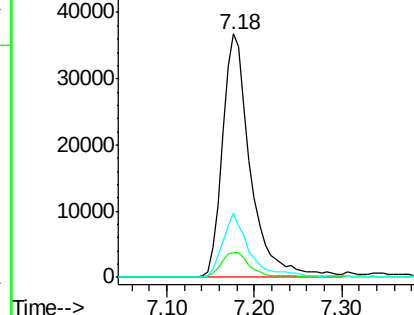
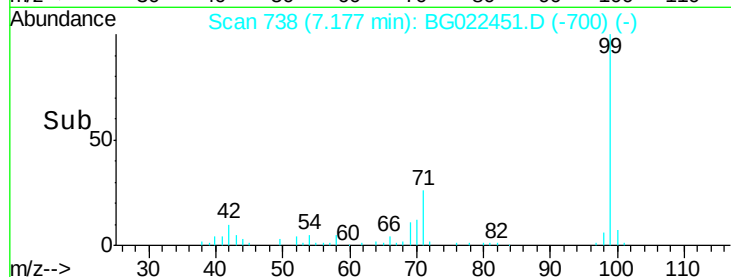
99 100

42 10.4 16.4 24.6#

71 26.3 25.0 37.4



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: 20.00 ng

RT: 10.81 min Scan# 1356

Delta R.T. -0.10 min

Lab File: BG022451.D

Acq: 20 Jun 2016 21:40

Tgt Ion: 136 Resp: 131550

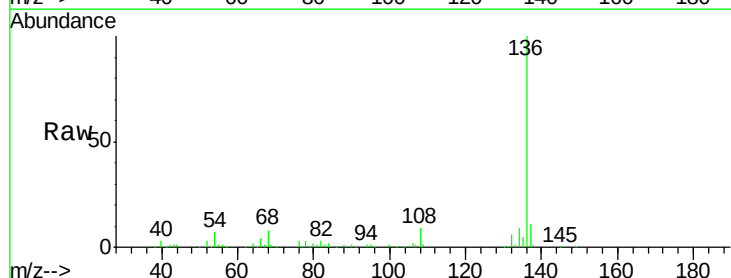
Ion Ratio Lower Upper

136 100

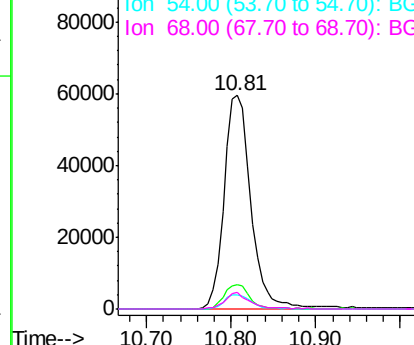
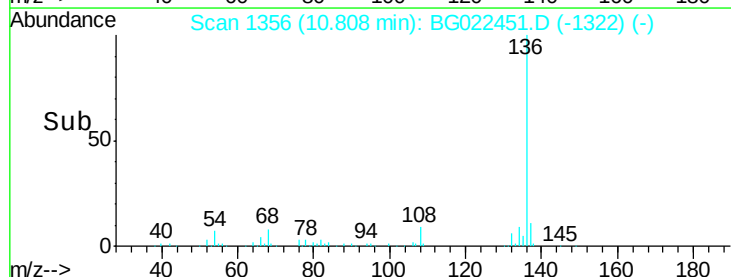
137 11.3 9.0 13.4

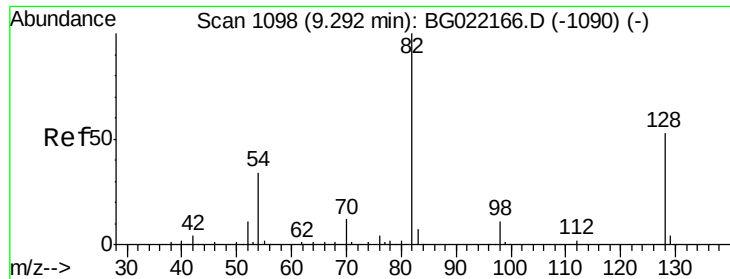
54 6.7 9.6 14.4#

68 7.6 6.4 9.6



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

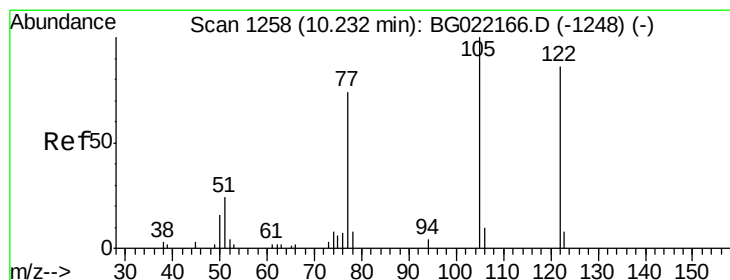
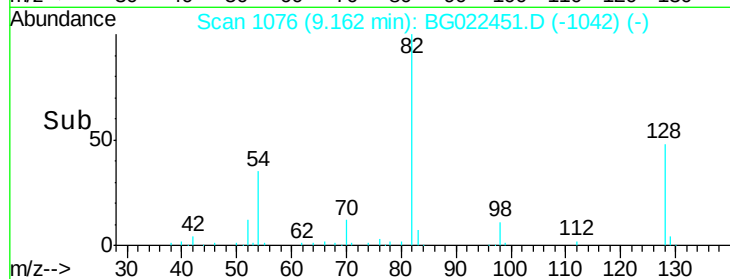
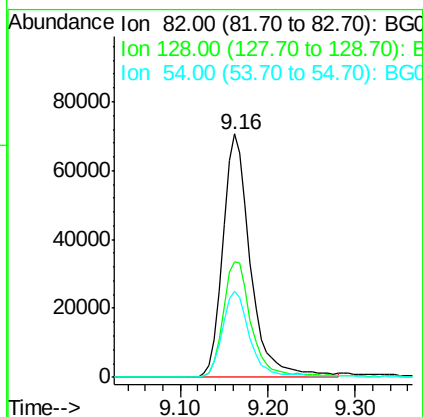
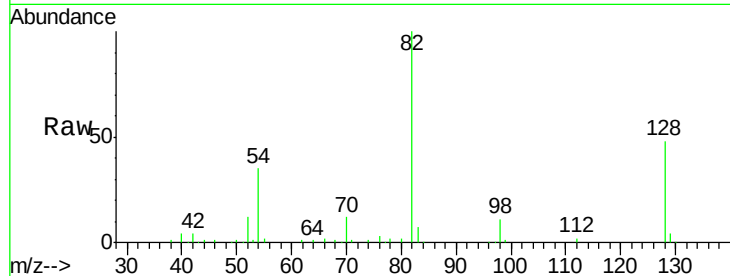




#23
 Nitrobenzene-d5
 Concen: 81.53 ng
 RT: 9.16 min Scan# 1076
 Delta R.T. -0.10 min
 Lab File: BG022451.D
 Acq: 20 Jun 2016 21:40

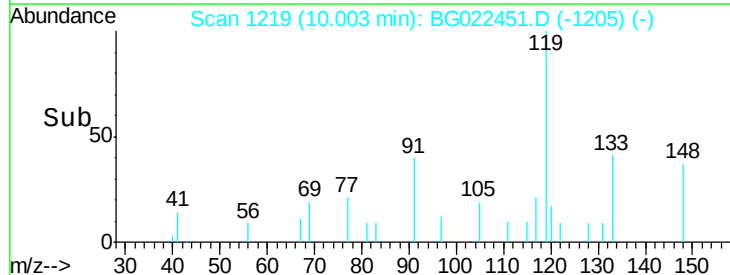
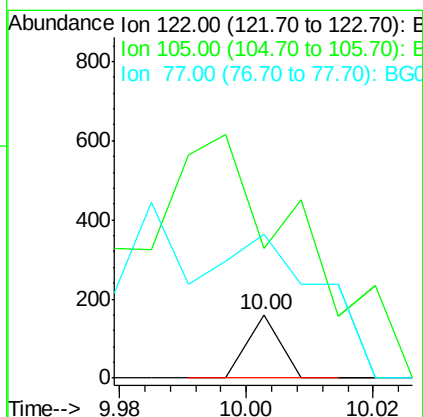
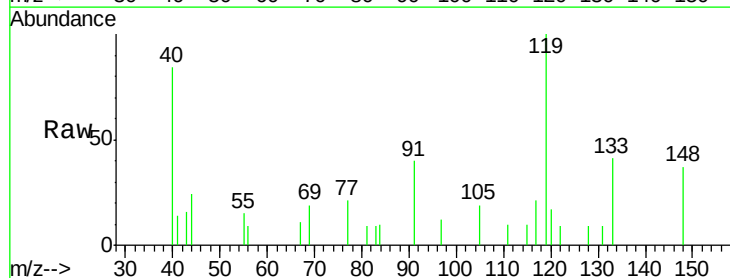
Instrument :
 BNA_G
 ClientSampleId :
 W-02

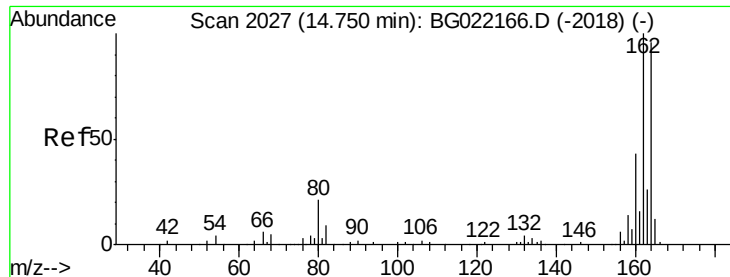
Tgt Ion: 82 Resp: 153840
 Ion Ratio Lower Upper
 82 100
 128 47.7 33.4 50.0
 54 35.5 46.1 69.1#



#32
 Benzoic acid
 Concen: 7.36 ng
 RT: 10.00 min Scan# 1219
 Delta R.T. -0.21 min
 Lab File: BG022451.D
 Acq: 20 Jun 2016 21:40

Tgt Ion: 122 Resp: 57
 Ion Ratio Lower Upper
 122 100
 105 203.1 104.5 144.5#
 77 226.1 79.9 119.9#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.63 min Scan# 2007

Delta R.T. -0.09 min

Lab File: BG022451.D

Acq: 20 Jun 2016 21:40

Instrument :

BNA_G

ClientSampleId :

W-02

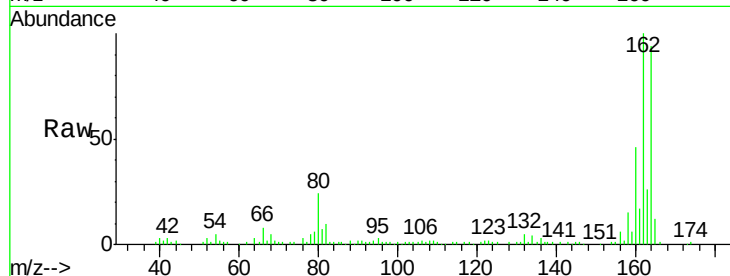
Tgt Ion:164 Resp: 79816

Ion Ratio Lower Upper

164 100

162 106.3 78.0 117.0

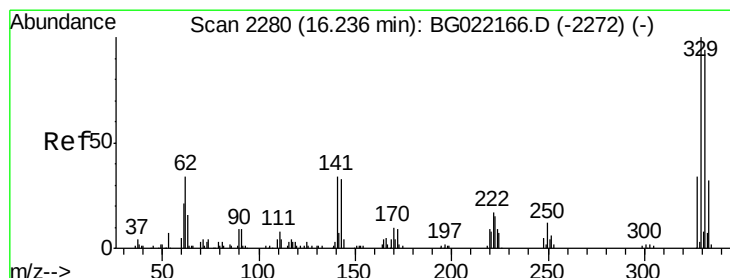
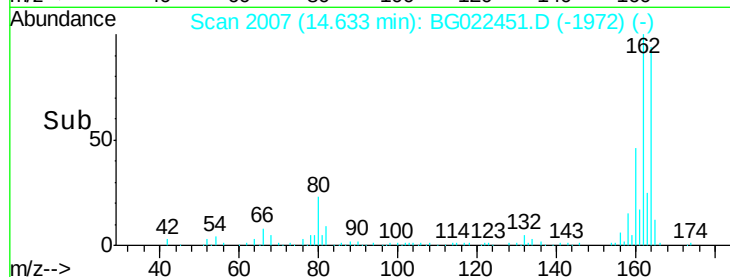
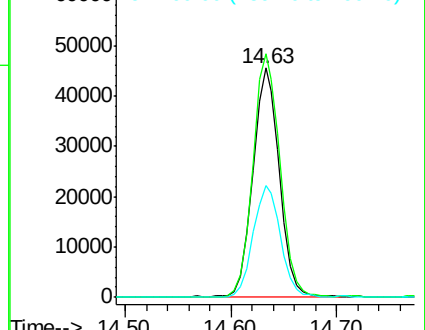
160 48.7 32.9 49.3



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



#41

2,4,6-Tribromophenol

Concen: 97.50 ng

RT: 16.12 min Scan# 2261

Delta R.T. -0.09 min

Lab File: BG022451.D

Acq: 20 Jun 2016 21:40

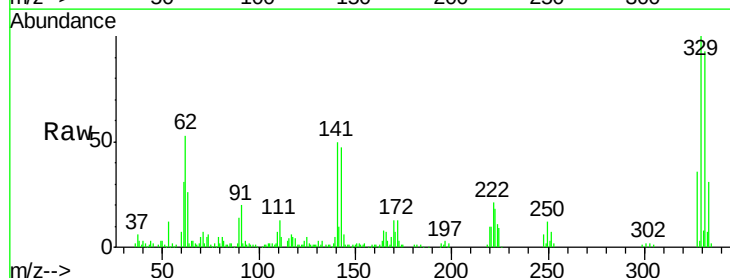
Tgt Ion:330 Resp: 87931

Ion Ratio Lower Upper

330 100

332 94.5 78.0 117.0

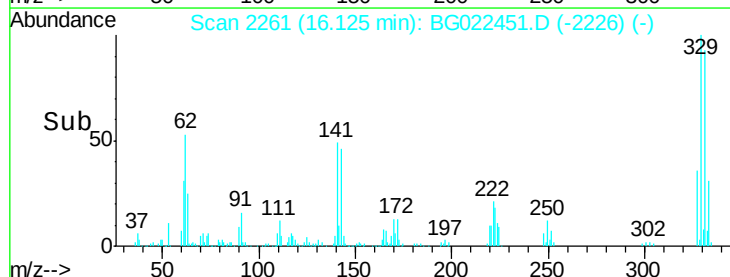
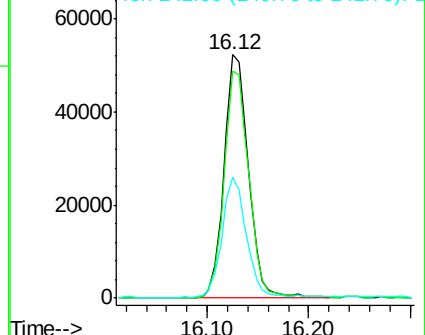
141 48.3 33.8 50.8

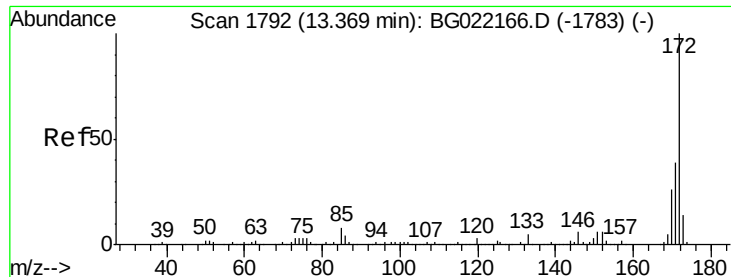


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

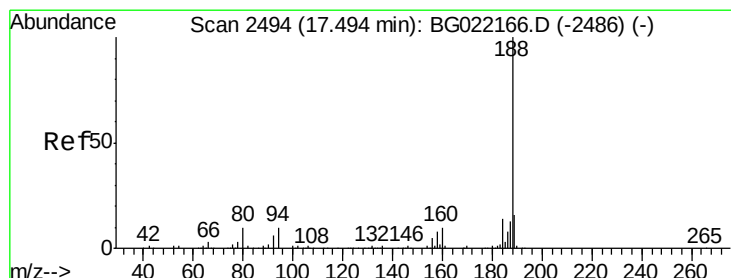
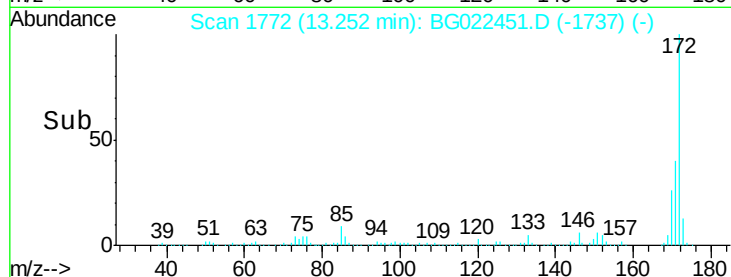
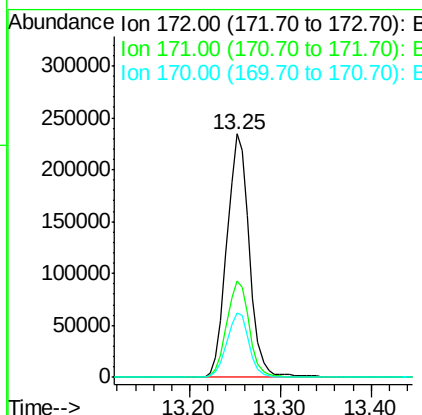
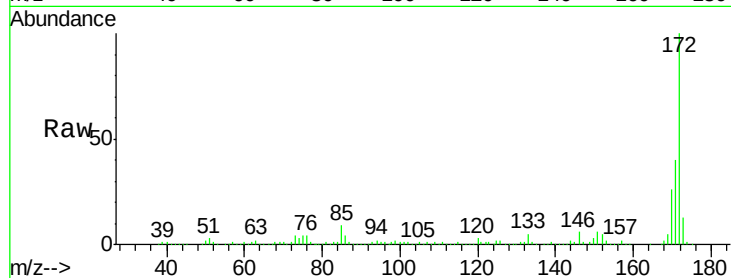




#44
 2-Fluorobiphenyl
 Concen: 77.05 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.09 min
 Lab File: BG022451.D
 Acq: 20 Jun 2016 21:40

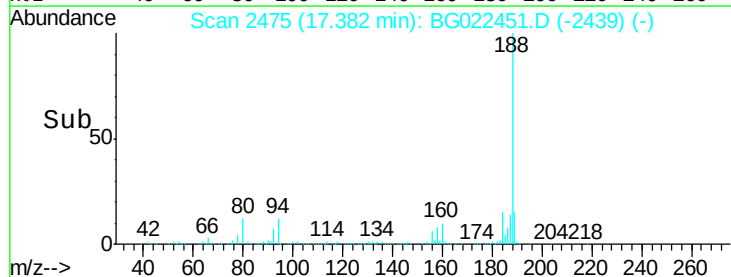
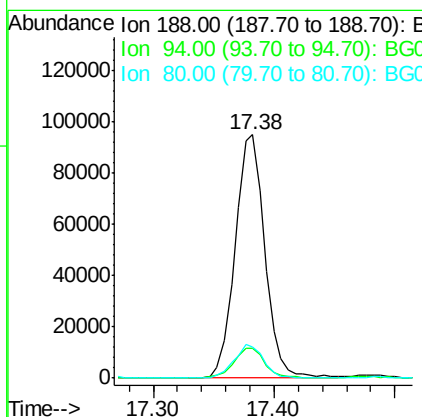
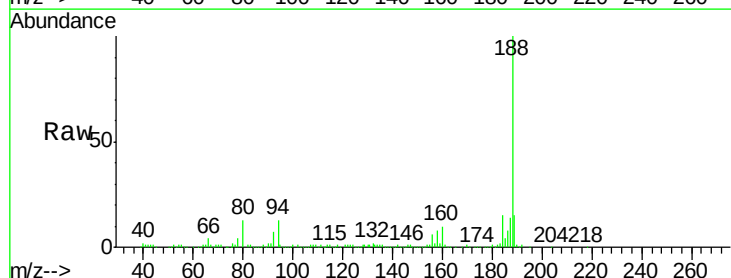
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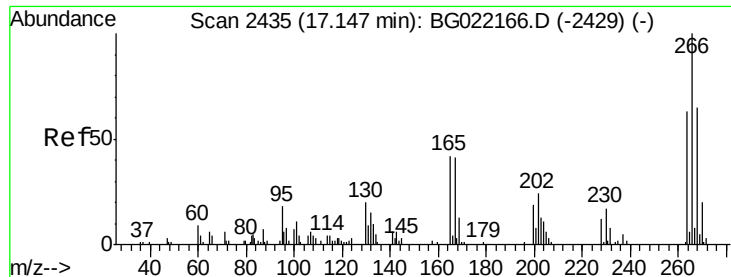
Tgt Ion:172 Resp: 403550
 Ion Ratio Lower Upper
 172 100
 171 39.5 27.8 41.6
 170 26.4 19.6 29.4



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.38 min Scan# 2475
 Delta R.T. -0.09 min
 Lab File: BG022451.D
 Acq: 20 Jun 2016 21:40

Tgt Ion:188 Resp: 162537
 Ion Ratio Lower Upper
 188 100
 94 12.5 7.5 11.3#
 80 12.7 8.6 13.0

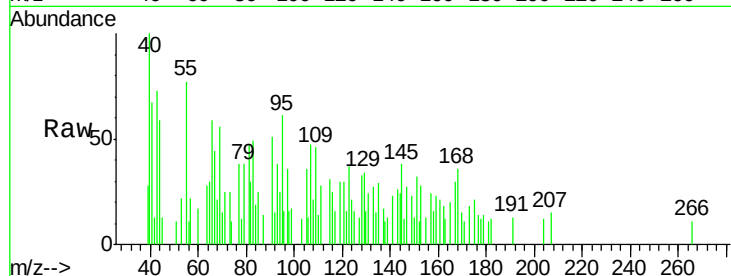




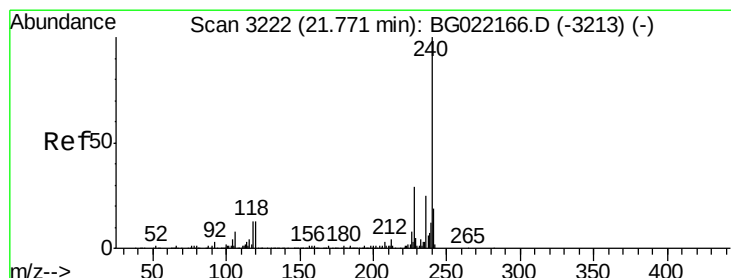
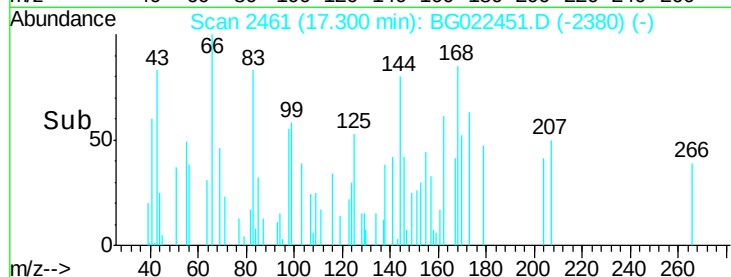
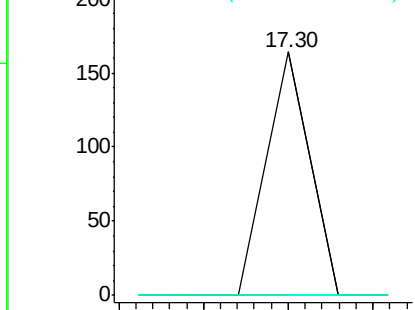
#69
 Pentachlorophenol
 Concen: 6.84 ng
 RT: 17.30 min Scan# 2461
 Delta R.T. 0.18 min
 Lab File: BG022451.D
 Acq: 20 Jun 2016 21:40

Instrument :
 BNA_G
 ClientSampleId :
 W-02

Tgt Ion: 266 Resp: 58
 Ion Ratio Lower Upper
 266 100
 268 0.0 54.5 81.7#
 264 0.0 53.8 80.6#

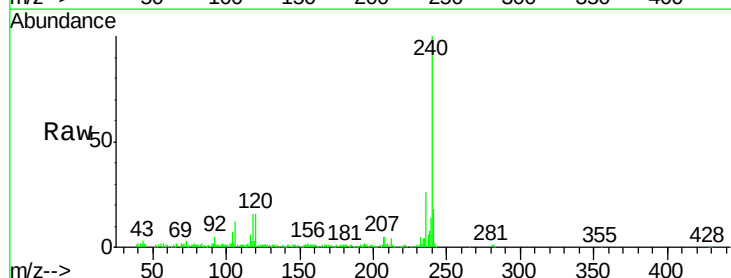


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

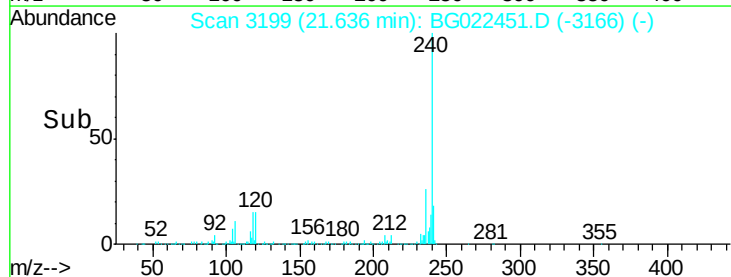
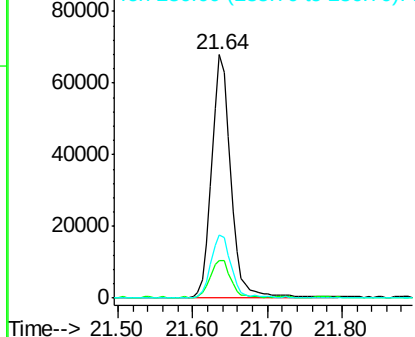


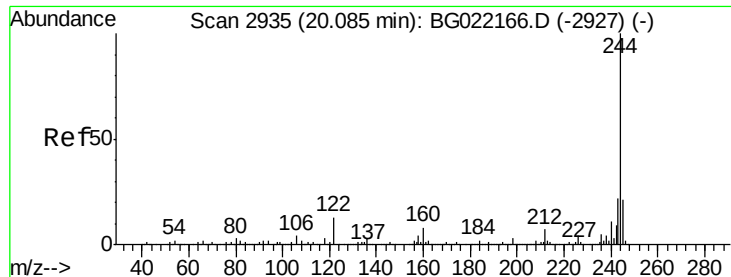
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.64 min Scan# 3199
 Delta R.T. -0.10 min
 Lab File: BG022451.D
 Acq: 20 Jun 2016 21:40

Tgt Ion: 240 Resp: 122126
 Ion Ratio Lower Upper
 240 100
 120 15.6 8.4 12.6#
 236 26.2 19.6 29.4



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: 65.78 ng

RT: 19.98 min Scan# 2917

Delta R.T. -0.08 min

Lab File: BG022451.D

Acq: 20 Jun 2016 21:40

Instrument :

BNA_G

ClientSampleId :

W-02

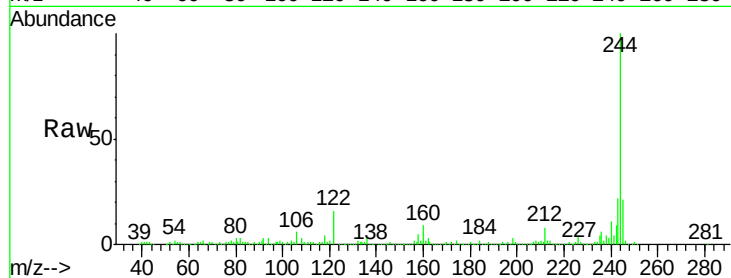
Tgt Ion:244 Resp: 338396

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

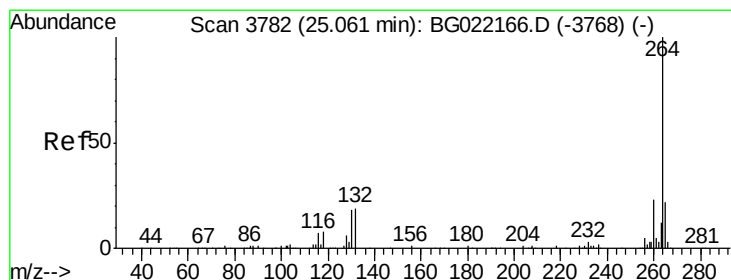
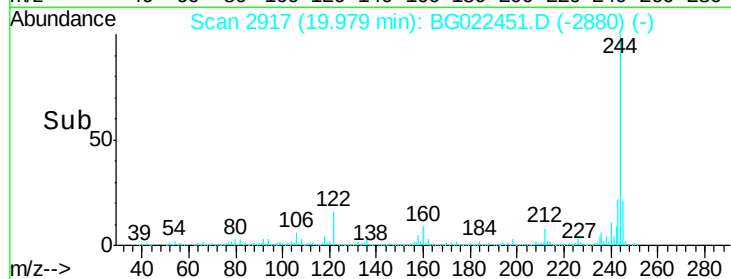
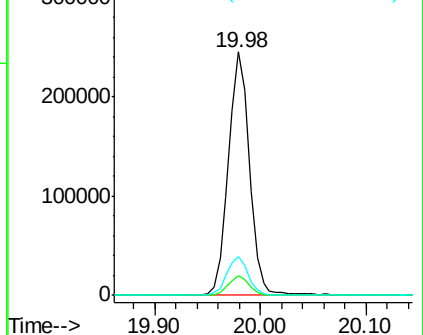
122 15.8 8.6 12.8#



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: 20.00 ng

RT: 24.84 min Scan# 3744

Delta R.T. -0.17 min

Lab File: BG022451.D

Acq: 20 Jun 2016 21:40

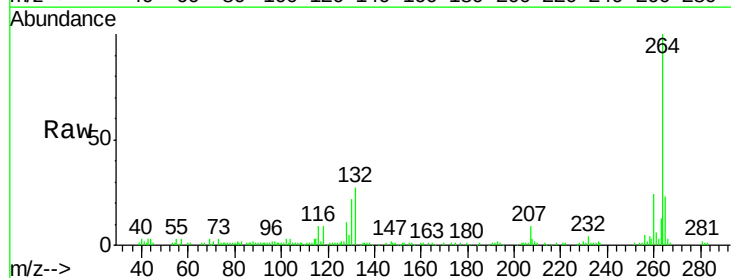
Tgt Ion:264 Resp: 113190

Ion Ratio Lower Upper

264 100

260 23.8 20.2 30.4

265 23.0 17.8 26.8



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

