

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092116\
 Data File : BG024062.D
 Acq On : 21 Sep 2016 19:37
 Operator : UM/SJ
 Sample : H4821-13 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YORK-SB1-4

Quant Time: Sep 22 07:30:55 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 19:01:00 2016
 Response via : Initial Calibration

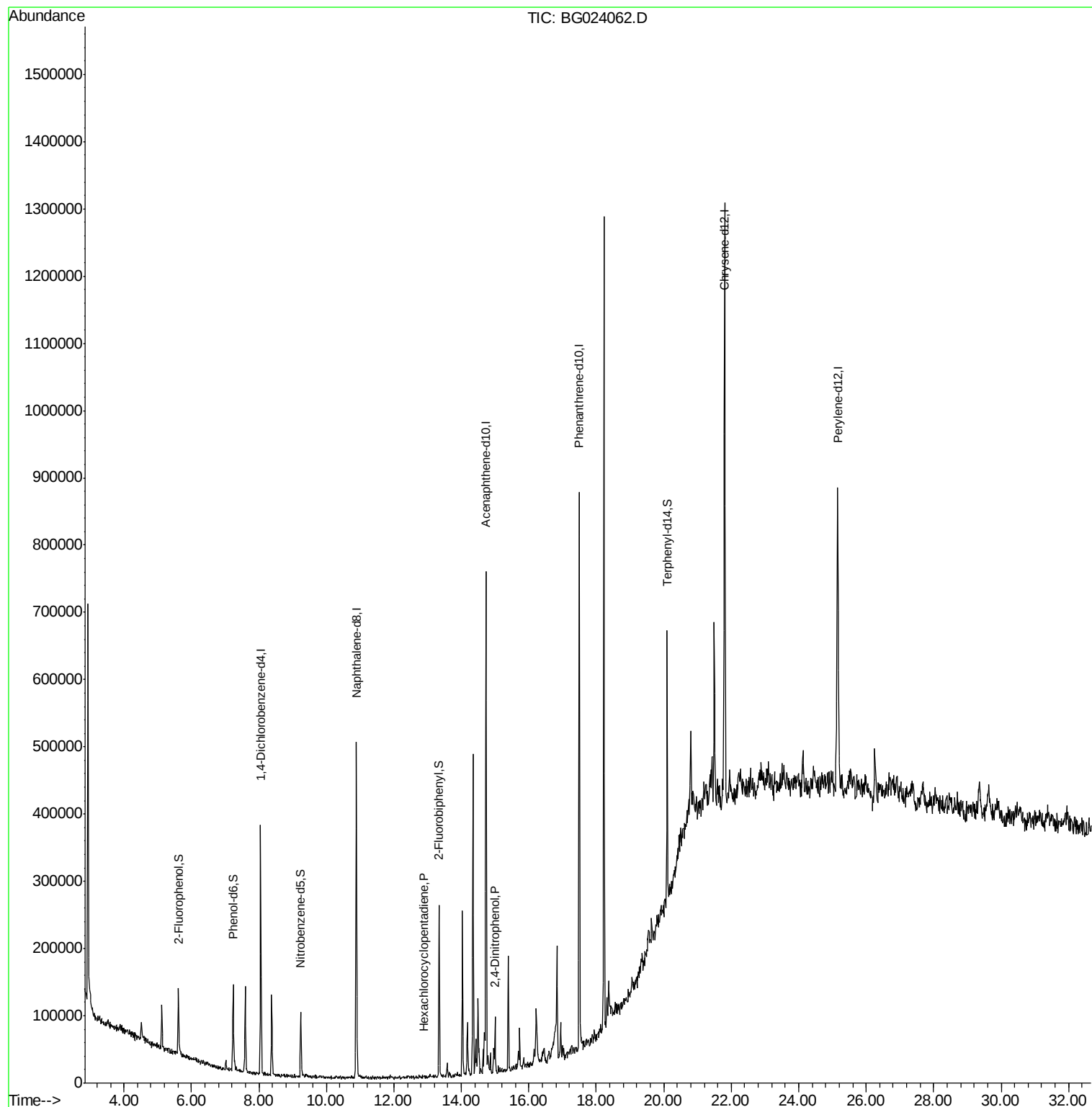
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	89137	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	376792	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	268064	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	488782	20.00	ng	0.00
75) Chrysene-d12	21.80	240	525941	20.00	ng	0.00
86) Perylene-d12	25.16	264	532316	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	43353	8.54	ng	0.00
7) Phenol-d6	7.23	99	79144	10.13	ng	0.01
23) Nitrobenzene-d5	9.24	82	70122	8.31	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	8497	1.76	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	130926	7.00	ng	0.00
78) Terphenyl-d14	20.10	244	171422	7.42	ng	0.00
Target Compounds						
40) Hexachlorocyclopentadiene	12.89	237	67	7.09	ng	# 26
53) 2,4-Dinitrophenol	14.98	184	88	6.53	ng	# 10

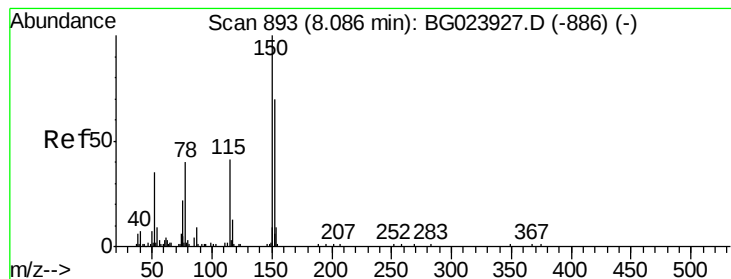
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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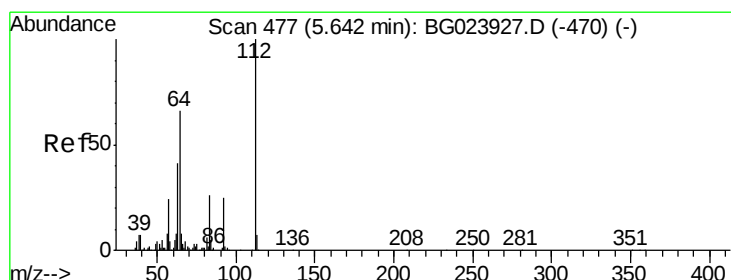
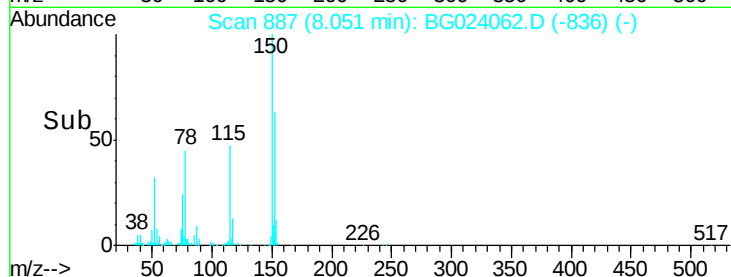
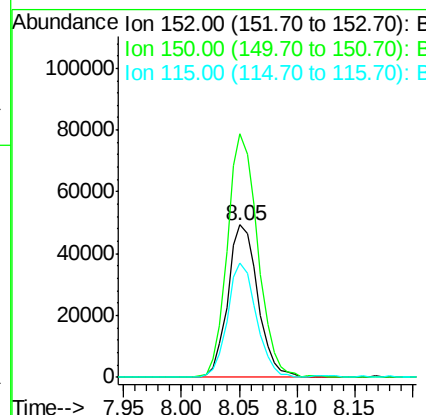
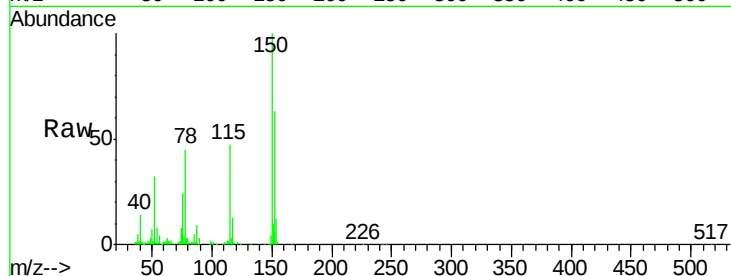




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.05 min Scan# 887
 Delta R.T. 0.00 min
 Lab File: BG024062.D
 Acq: 21 Sep 2016 19:37

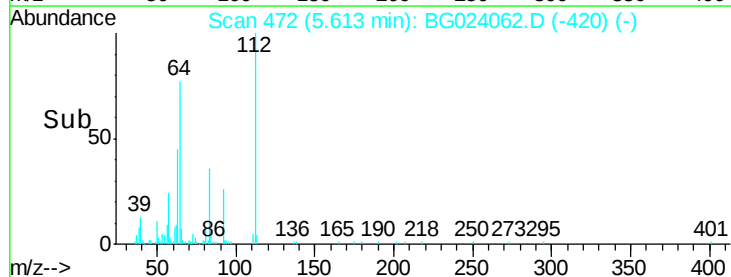
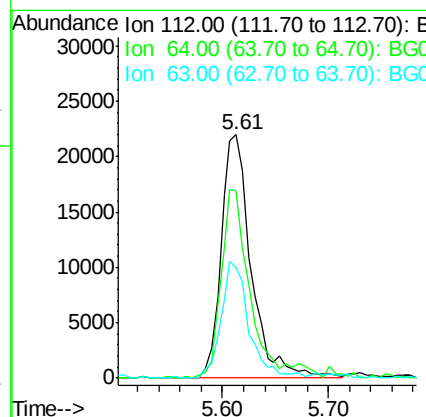
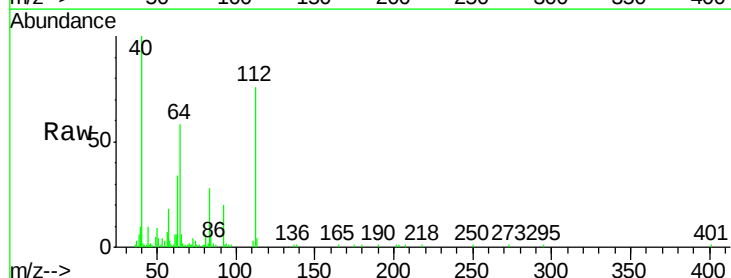
Instrument :
 BNA_G
 ClientSampleId :
 YORK-SB1-4

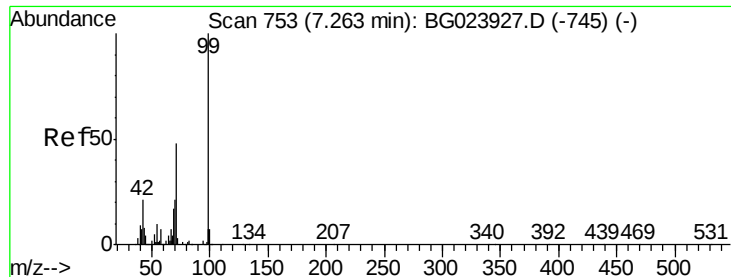
Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.6	144.7	217.1
115	74.7	64.0	96.0



#5
 2-Fluorophenol
 Concen: 8.54 ng
 RT: 5.61 min Scan# 472
 Delta R.T. 0.01 min
 Lab File: BG024062.D
 Acq: 21 Sep 2016 19:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	76.8	59.0	88.4
63	45.4	37.8	56.8





#7

Phenol-d6

Concen: 10.13 ng

RT: 7.23 min Scan# 748

Delta R.T. 0.01 min

Lab File: BG024062.D

Acq: 21 Sep 2016 19:37

Instrument :

BNA_G

ClientSampleId :

YORK-SB1-4

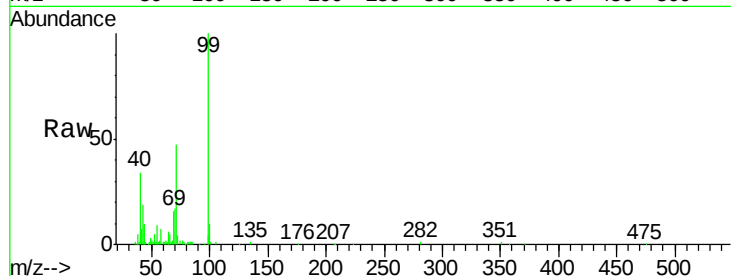
Tgt Ion: 99 Resp: 79144

Ion Ratio Lower Upper

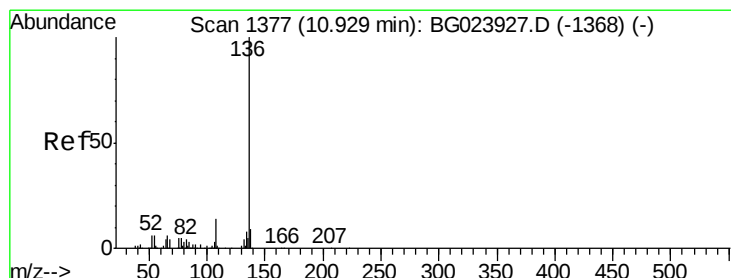
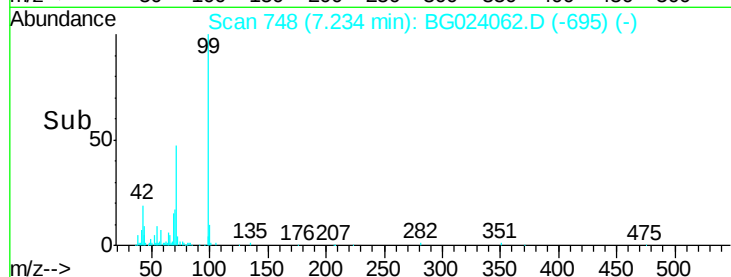
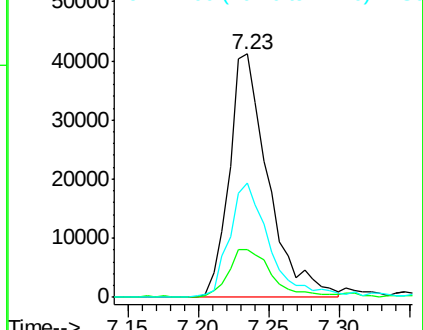
99 100

42 19.5 17.8 26.6

71 46.9 41.5 62.3



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: 10.89 min Scan# 1370

Delta R.T. 0.00 min

Lab File: BG024062.D

Acq: 21 Sep 2016 19:37

Tgt Ion: 136 Resp: 376792

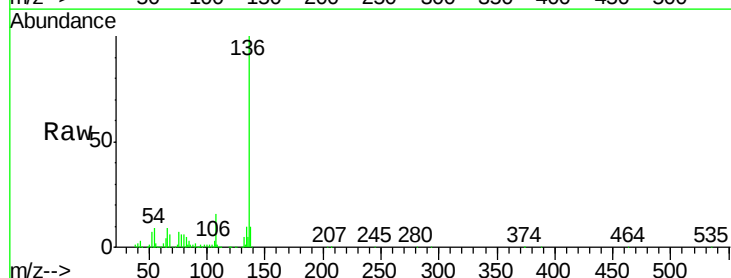
Ion Ratio Lower Upper

136 100

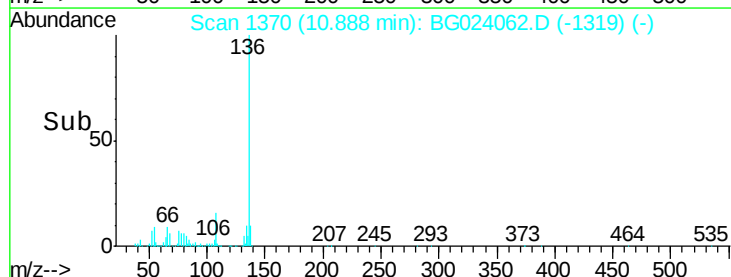
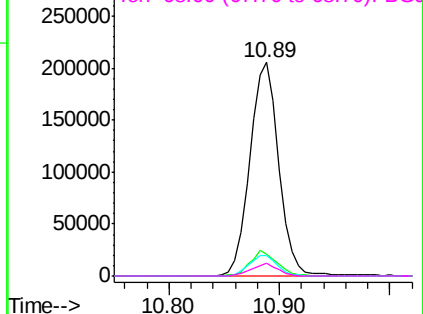
137 10.4 9.6 14.4

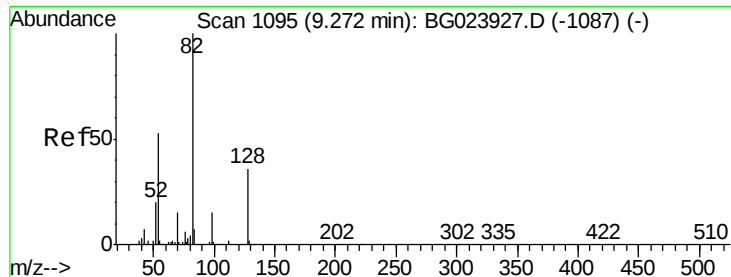
54 9.4 7.3 10.9

68 6.0 5.3 7.9



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

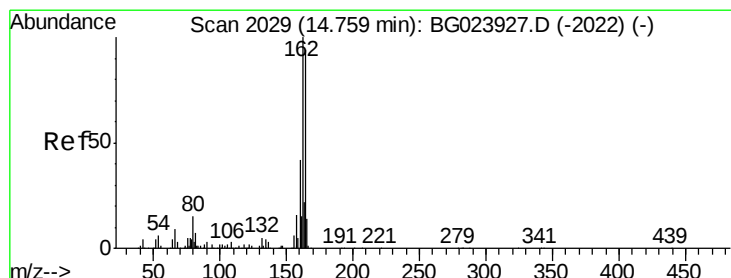
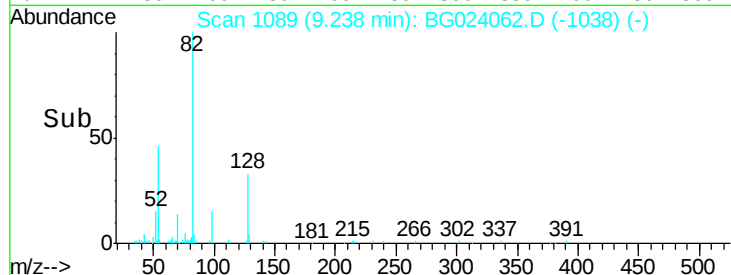
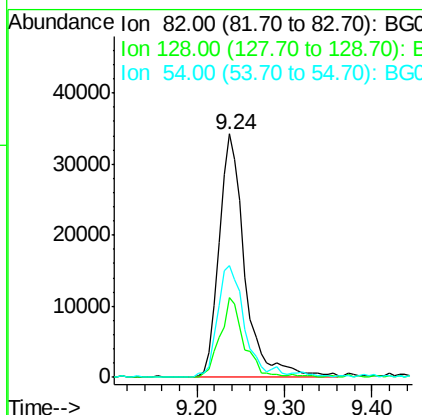
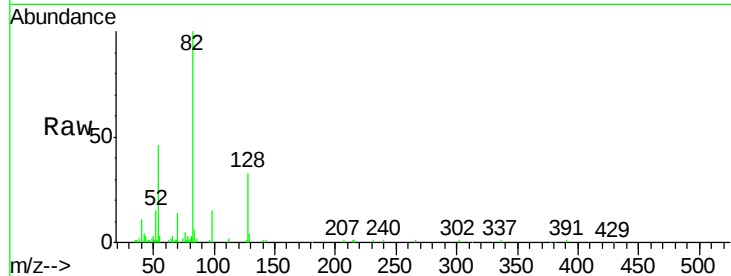




#23
 Nitrobenzene-d5
 Concen: 8.31 ng
 RT: 9.24 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BG024062.D
 Acq: 21 Sep 2016 19:37

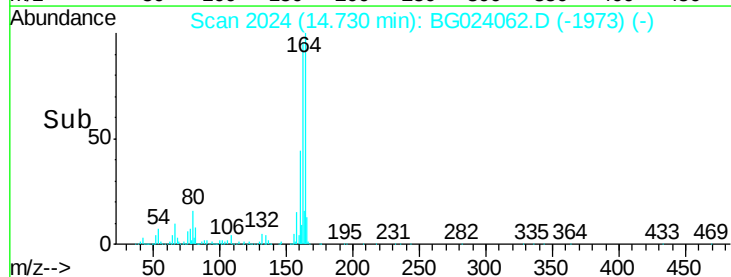
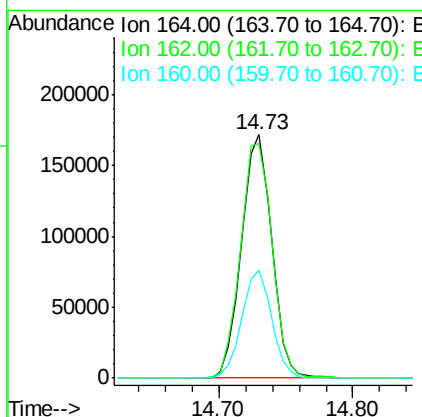
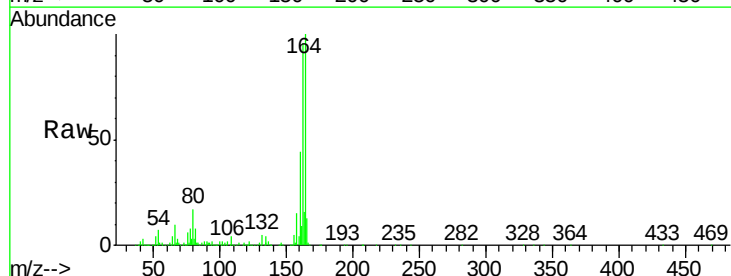
Instrument :
 BNA_G
 ClientSampleId :
 YORK-SB1-4

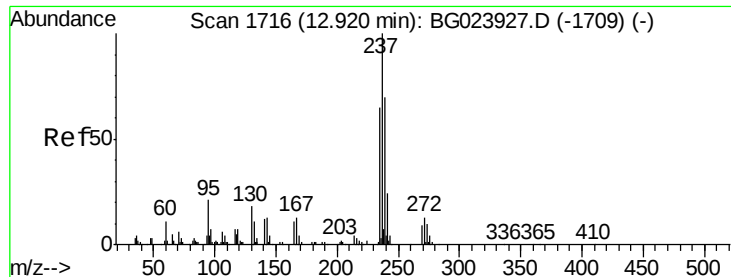
Tgt Ion: 82 Resp: 70122
 Ion Ratio Lower Upper
 82 100
 128 32.6 24.4 36.6
 54 46.1 41.4 62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.73 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: BG024062.D
 Acq: 21 Sep 2016 19:37

Tgt Ion: 164 Resp: 268064
 Ion Ratio Lower Upper
 164 100
 162 96.4 87.7 131.5
 160 44.3 37.2 55.8





#40

Hexachlorocyclopentadiene

Concen: 7.09 ng

RT: 12.89 min Scan# 1711

Delta R.T. 0.01 min

Lab File: BG024062.D

Acq: 21 Sep 2016 19:37

Instrument :

BNA_G

ClientSampleId :

YORK-SB1-4

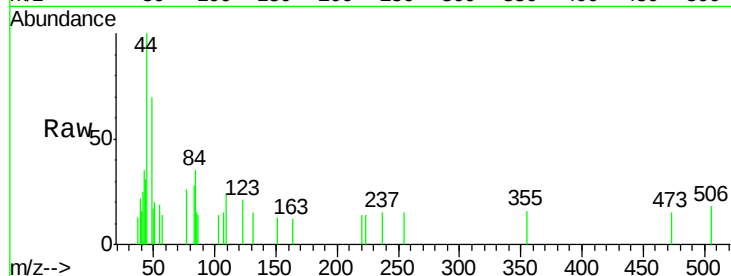
Tgt Ion: 237 Resp: 67

Ion Ratio Lower Upper

237 100

235 0.0 43.1 83.1#

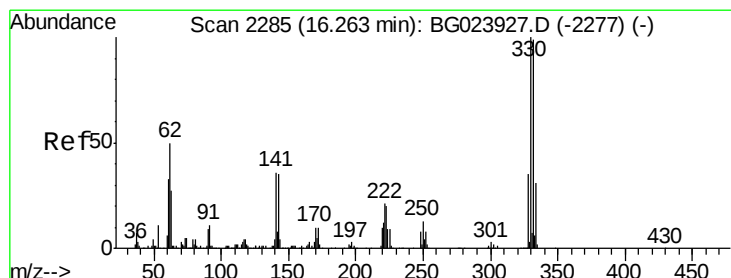
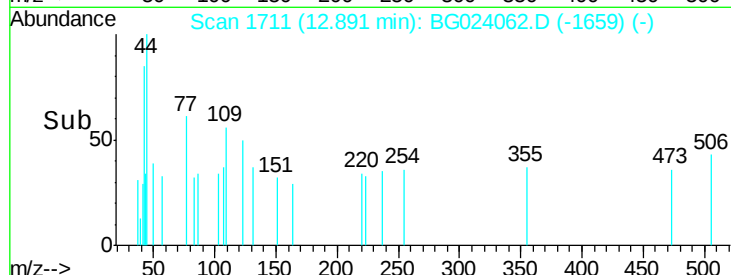
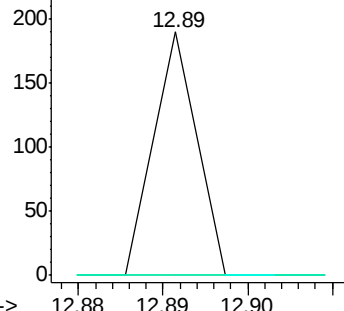
272 0.0 0.0 30.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 1.76 ng

RT: 16.23 min Scan# 2280

Delta R.T. 0.00 min

Lab File: BG024062.D

Acq: 21 Sep 2016 19:37

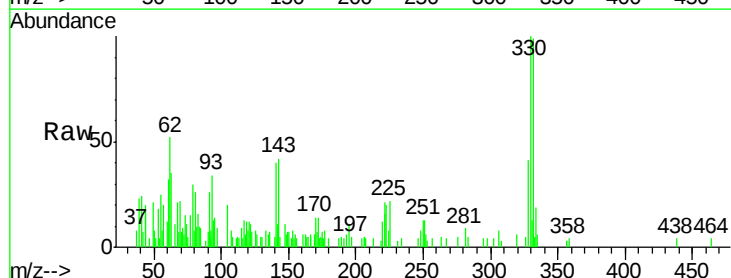
Tgt Ion: 330 Resp: 8497

Ion Ratio Lower Upper

330 100

332 105.5 77.4 116.2

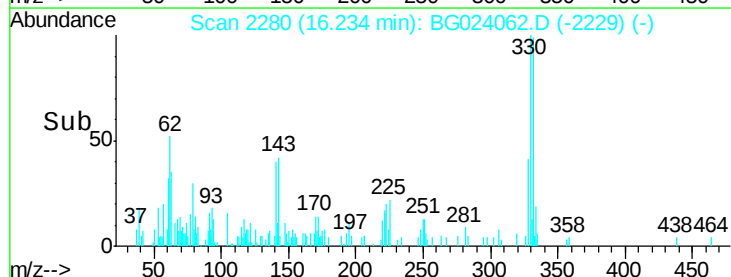
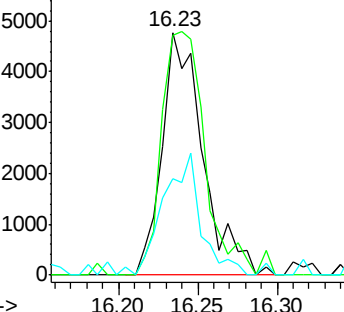
141 46.1 31.7 47.5

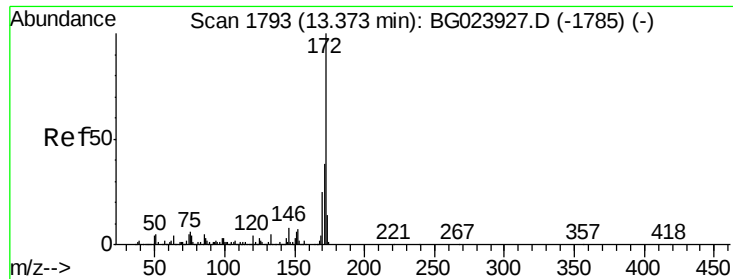


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

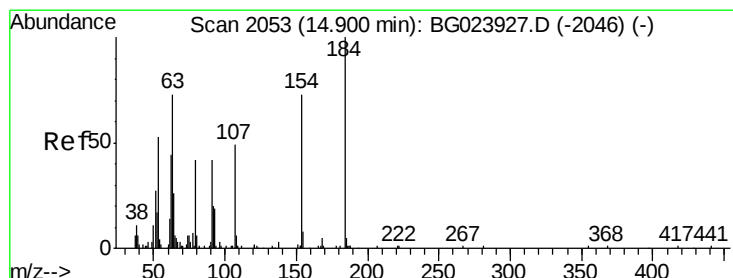
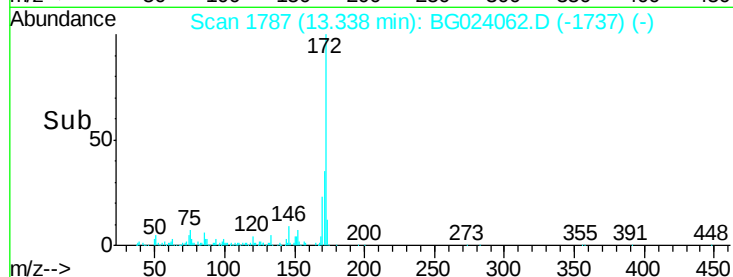
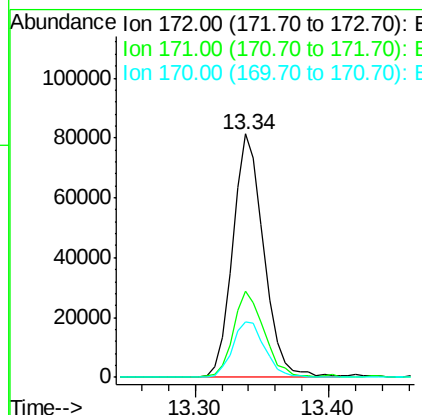
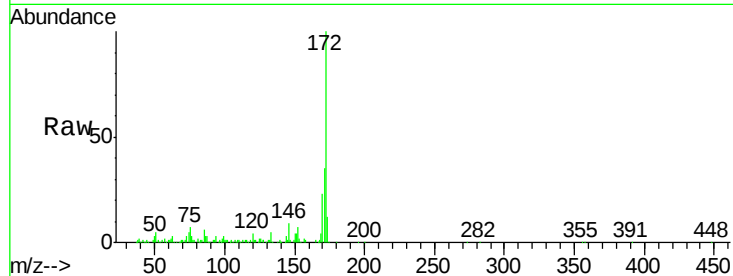




#44
 2-Fluorobiphenyl
 Concen: 7.00 ng
 RT: 13.34 min Scan# 1787
 Delta R.T. -0.00 min
 Lab File: BG024062.D
 Acq: 21 Sep 2016 19:37

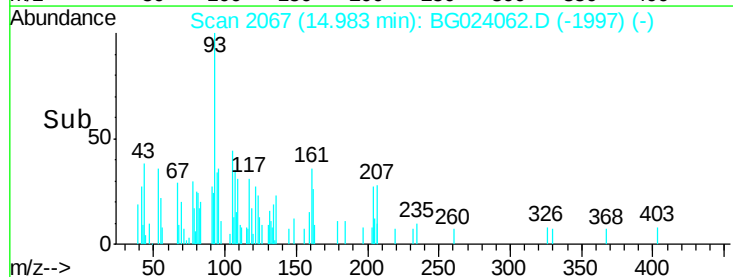
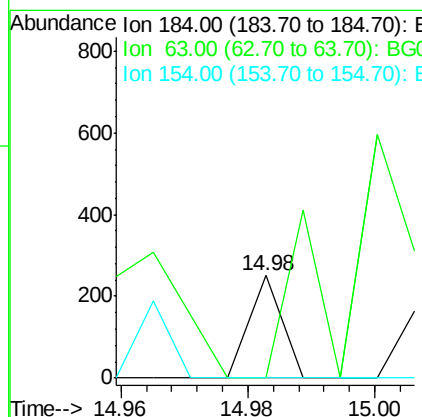
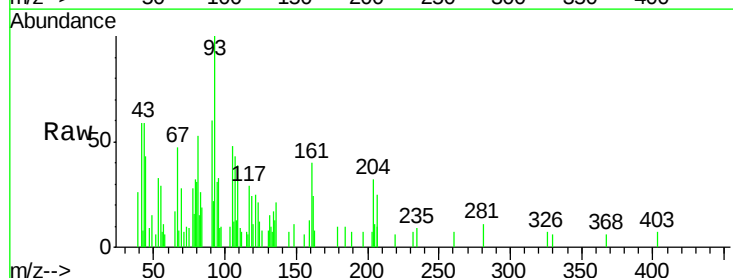
Instrument :
 BNA_G
 ClientSampled :
 YORK-SB1-4

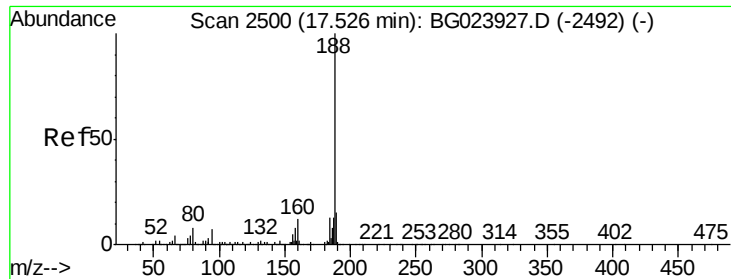
Tgt Ion:172 Resp: 130926
 Ion Ratio Lower Upper
 172 100
 171 35.4 31.6 47.4
 170 22.9 21.3 31.9



#53
 2,4-Dinitrophenol
 Concen: 6.53 ng
 RT: 14.98 min Scan# 2067
 Delta R.T. 0.11 min
 Lab File: BG024062.D
 Acq: 21 Sep 2016 19:37

Tgt Ion:184 Resp: 88
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.6 89.4#
 154 0.0 67.4 101.0#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2494

Delta R.T. -0.00 min

Lab File: BG024062.D

Acq: 21 Sep 2016 19:37

Instrument :

BNA_G

ClientSampleId :

YORK-SB1-4

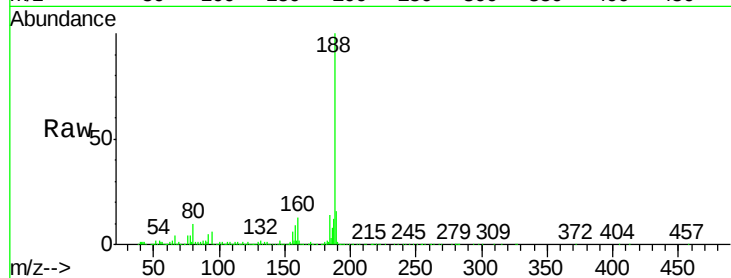
Tgt Ion:188 Resp: 488782

Ion Ratio Lower Upper

188 100

94 6.3 5.2 7.8

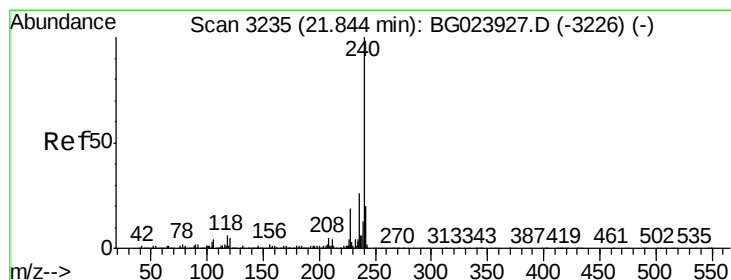
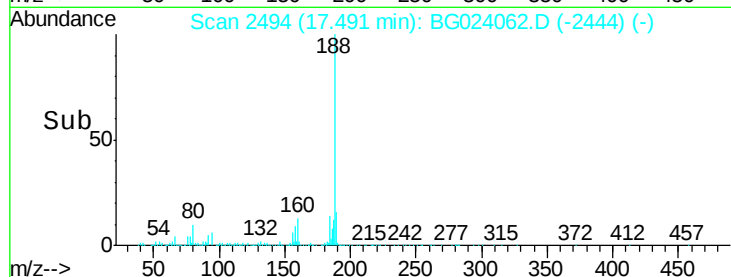
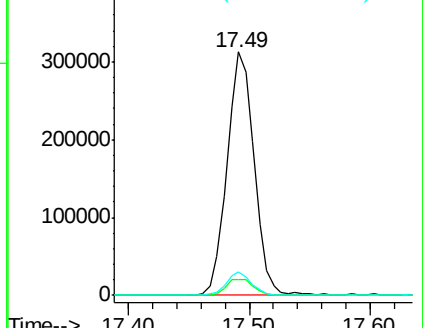
80 9.5 7.2 10.8



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.80 min Scan# 3228

Delta R.T. -0.00 min

Lab File: BG024062.D

Acq: 21 Sep 2016 19:37

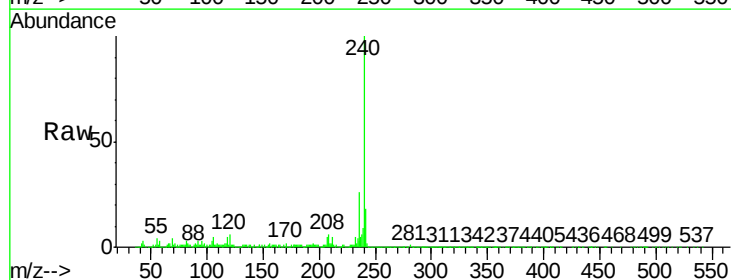
Tgt Ion:240 Resp: 525941

Ion Ratio Lower Upper

240 100

120 5.9 4.1 6.1

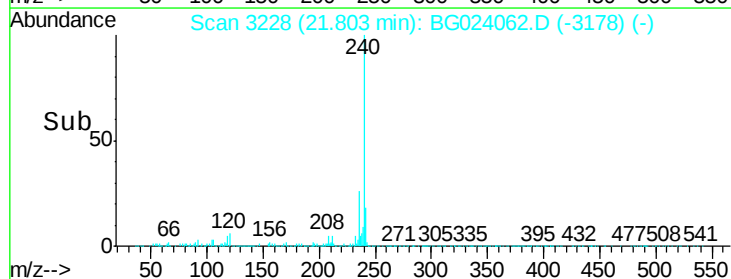
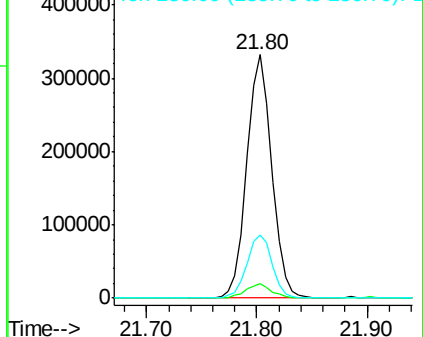
236 26.0 21.1 31.7

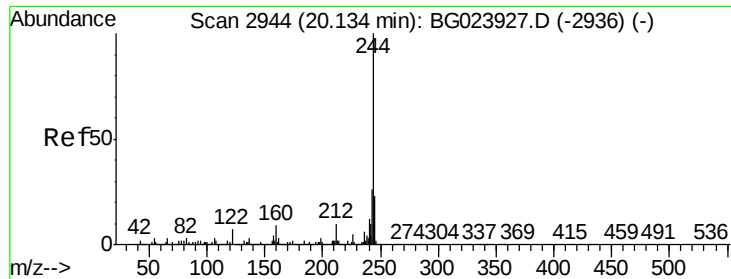


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 7.42 ng

RT: 20.10 min Scan# 2938

Delta R.T. -0.00 min

Lab File: BG024062.D

Acq: 21 Sep 2016 19:37

Instrument :

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ClientSampleId :

YORK-SB1-4

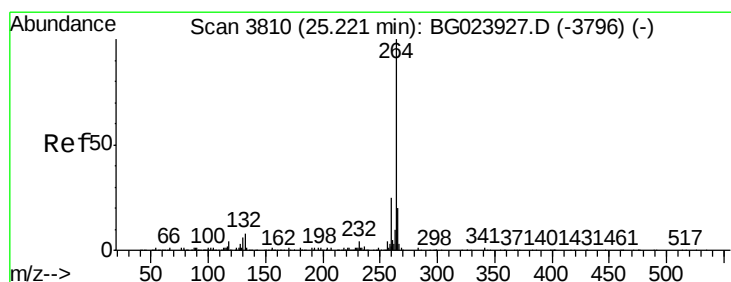
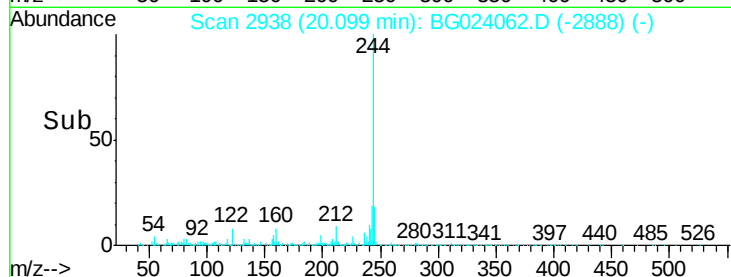
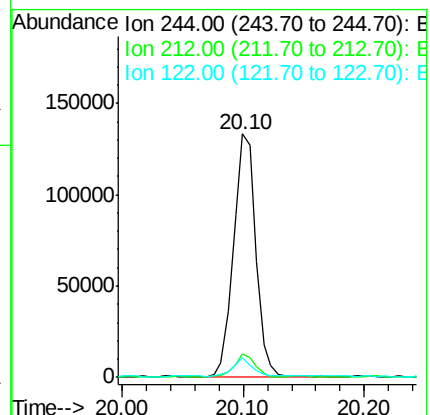
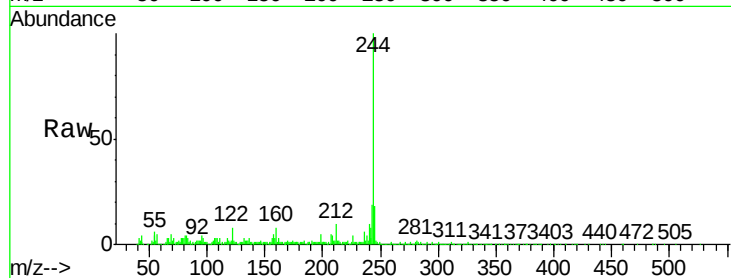
Tgt Ion:244 Resp: 171422

Ion Ratio Lower Upper

244 100

212 9.5 10.8 16.2#

122 8.1 8.0 12.0



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.16 min Scan# 3799

Delta R.T. 0.00 min

Lab File: BG024062.D

Acq: 21 Sep 2016 19:37

Tgt Ion:264 Resp: 532316

Ion Ratio Lower Upper

264 100

260 24.9 18.4 27.6

265 22.1 18.9 28.3

