

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092216\
 Data File : BG024074.D
 Acq On : 22 Sep 2016 18:27
 Operator : UM/SJ
 Sample : H4819-06DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YORK-SB2-07-DUPDL

Quant Time: Sep 23 01:50:52 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

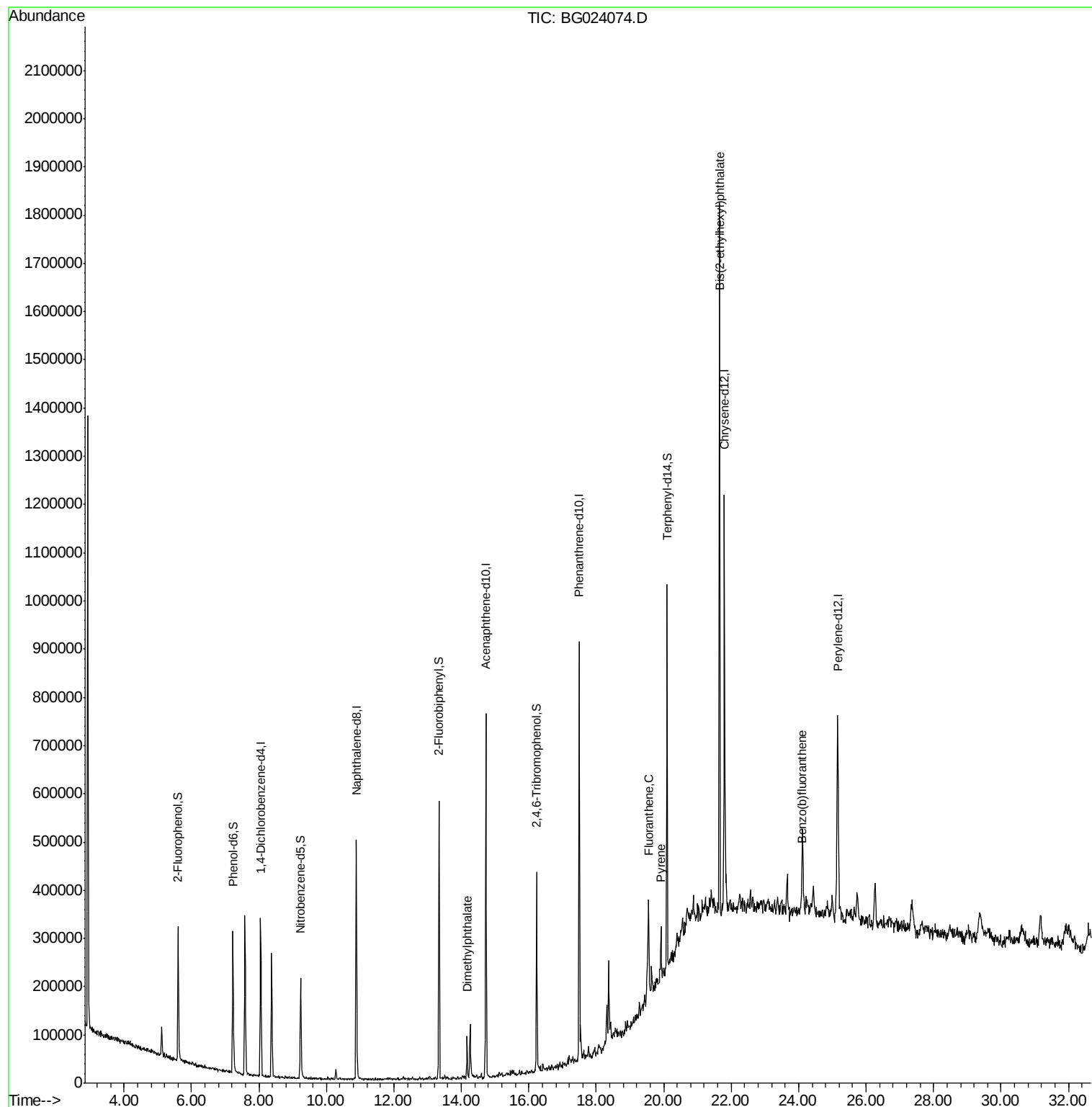
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	82382	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	384045	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	244575	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	509182	20.00	ng	0.00
75) Chrysene-d12	21.80	240	494917	20.00	ng	0.00
86) Perylene-d12	25.15	264	507883	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	114629	24.43	ng	0.00
7) Phenol-d6	7.23	99	180783	25.03	ng	0.00
23) Nitrobenzene-d5	9.24	82	140282	16.31	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	74587	16.93	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	281510	16.50	ng	0.00
78) Terphenyl-d14	20.10	244	336139	15.47	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.17	163	51083	2.44	ng	97
74) Fluoranthene	19.55	202	78825	2.47	ng	99
77) Pyrene	19.91	202	68950	2.27	ng	91
83) Bis(2-ethylhexyl)phthalate	21.65	149	558115	34.74	ng	95
87) Benzo(b)fluoranthene	24.08	252	60446	2.10	ng	# 96

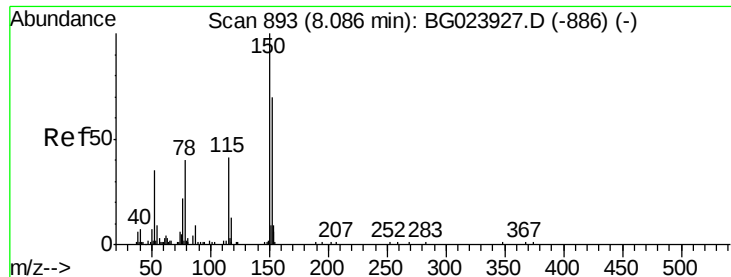
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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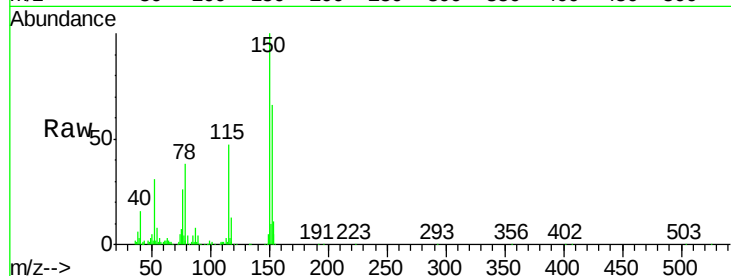


#1

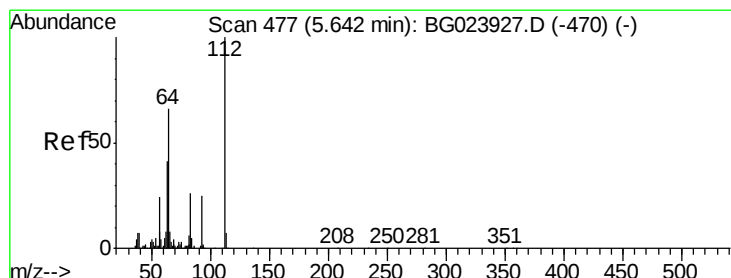
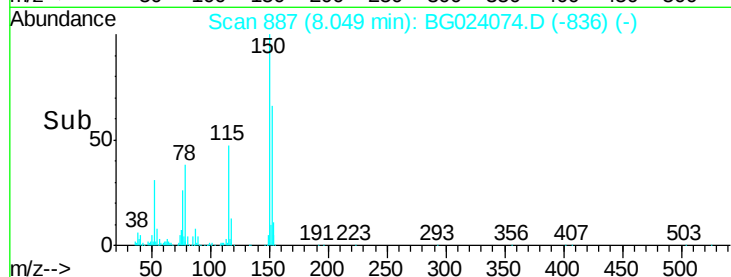
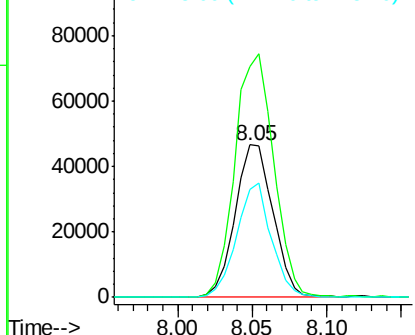
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 887
Delta R.T. 0.00 min
Lab File: BG024074.D
Acq: 22 Sep 2016 18:27

Instrument :
BNA_G
ClientSampleId :
YORK-SB2-07-DUPDL

Tgt Ion:152 Resp: 82382
Ion Ratio Lower Upper
152 100
150 151.5 144.7 217.1
115 71.0 64.0 96.0



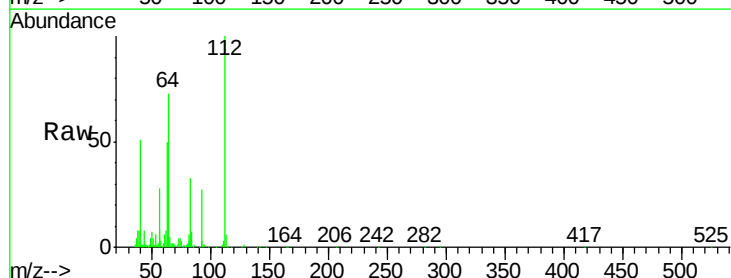
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



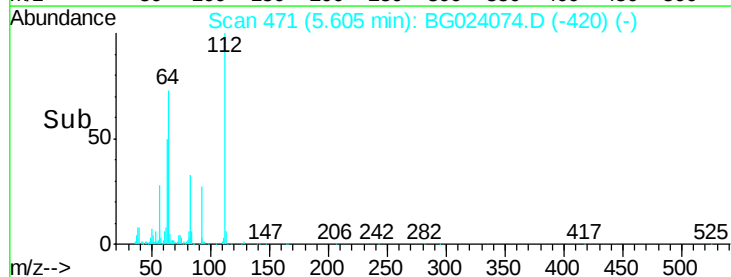
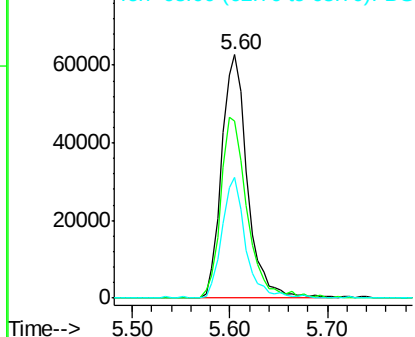
#5

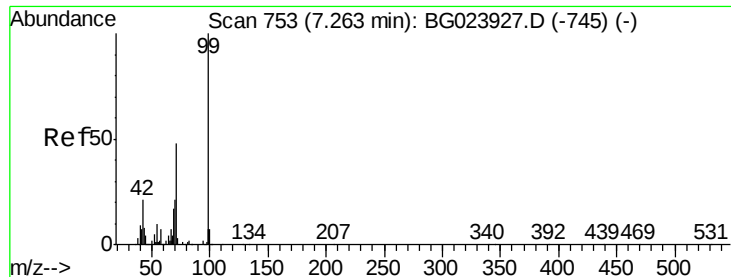
2-Fluorophenol
Concen: 24.43 ng
RT: 5.60 min Scan# 471
Delta R.T. 0.00 min
Lab File: BG024074.D
Acq: 22 Sep 2016 18:27

Tgt Ion:112 Resp: 114629
Ion Ratio Lower Upper
112 100
64 72.8 59.0 88.4
63 49.5 37.8 56.8



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: 25.03 ng

RT: 7.23 min Scan# 747

Delta R.T. 0.01 min

Lab File: BG024074.D

Acq: 22 Sep 2016 18:27

Instrument :

BNA_G

ClientSampleId :

YORK-SB2-07-DUPDL

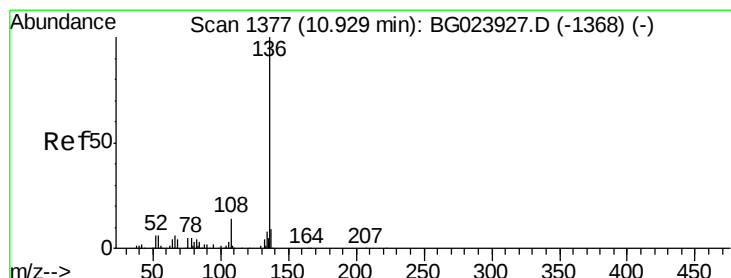
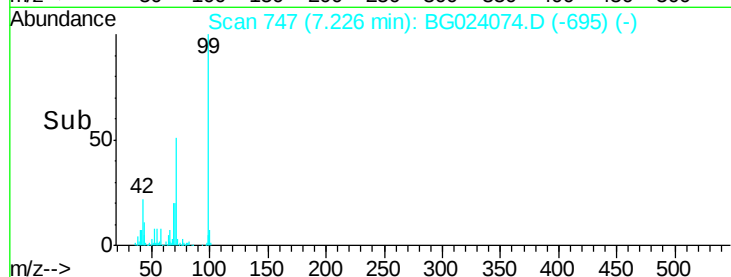
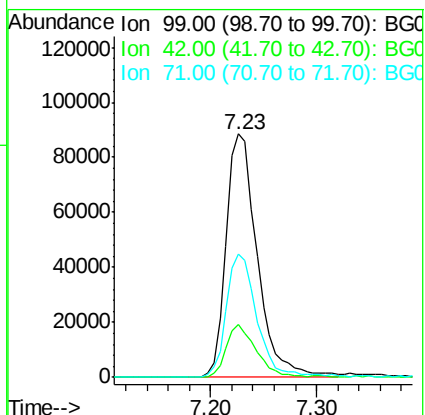
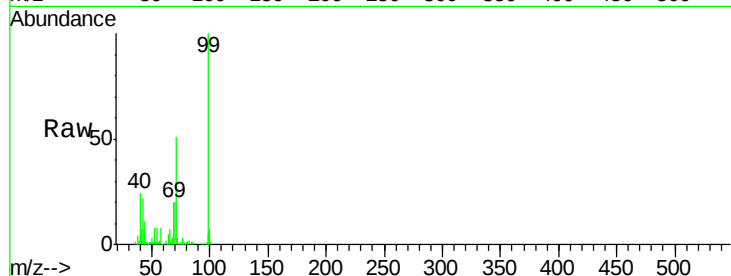
Tgt Ion: 99 Resp: 180783

Ion Ratio Lower Upper

99 100

42 22.0 17.8 26.6

71 50.9 41.5 62.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.89 min Scan# 1370

Delta R.T. 0.00 min

Lab File: BG024074.D

Acq: 22 Sep 2016 18:27

Tgt Ion: 136 Resp: 384045

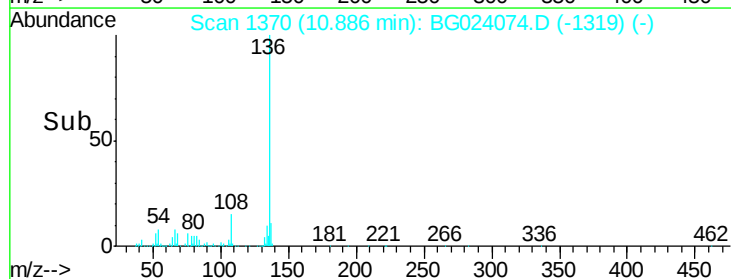
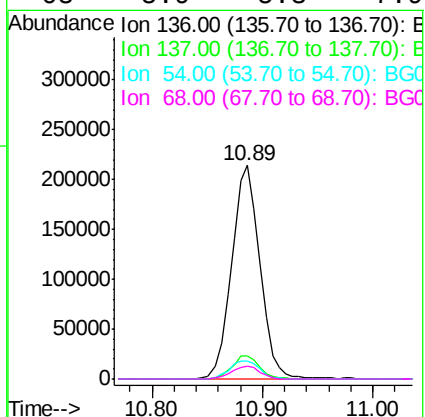
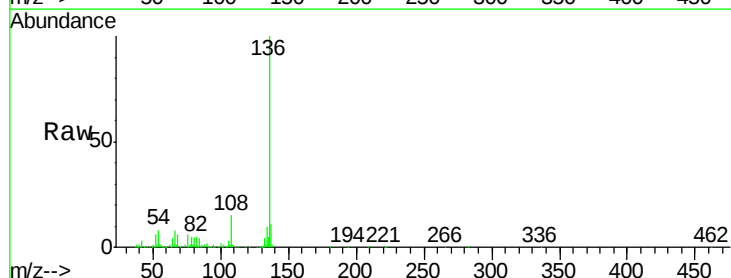
Ion Ratio Lower Upper

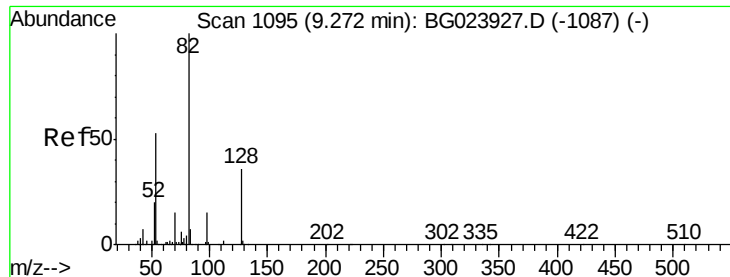
136 100

137 10.7 9.6 14.4

54 8.1 7.3 10.9

68 5.9 5.3 7.9

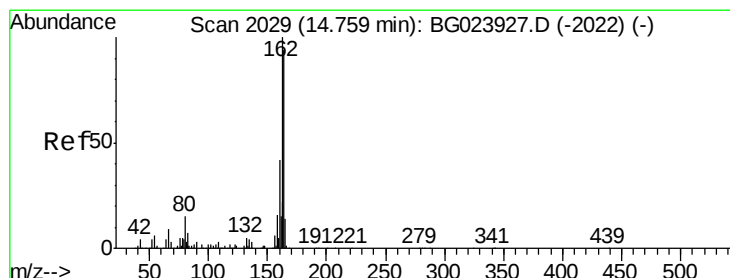
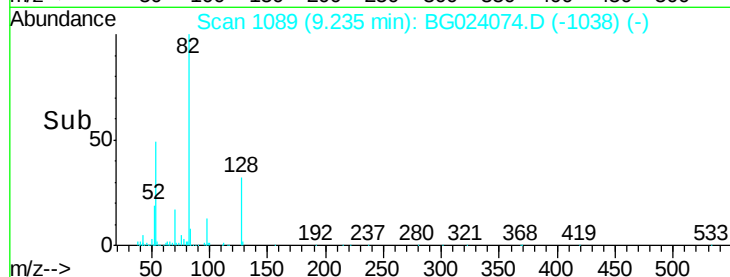
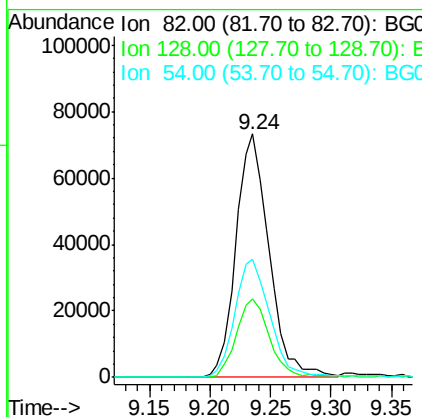
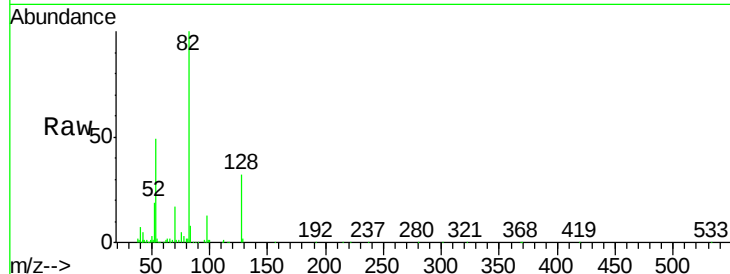




#23
 Nitrobenzene-d5
 Concen: 16.31 ng
 RT: 9.24 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BG024074.D
 Acq: 22 Sep 2016 18:27

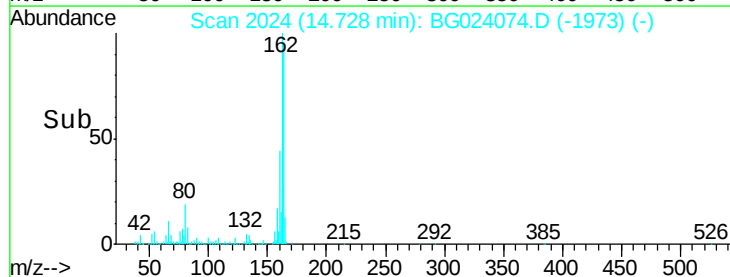
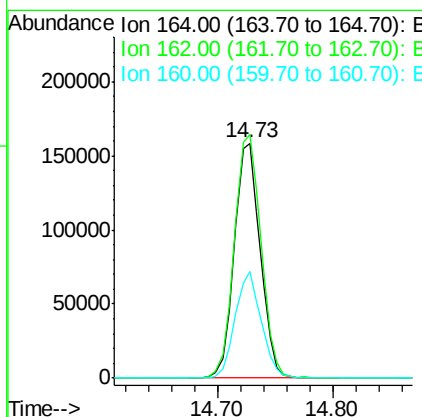
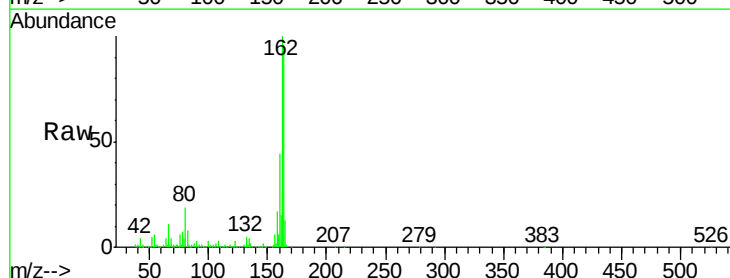
Instrument :
 BNA_G
 ClientSampleId :
 YORK-SB2-07-DUPDL

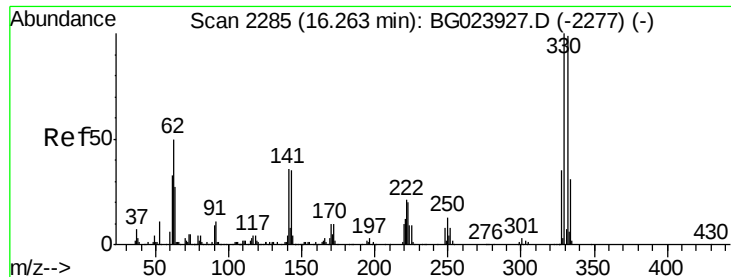
Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.0	24.4	36.6
54	48.6	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.73 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: BG024074.D
 Acq: 22 Sep 2016 18:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	87.7	131.5
160	45.6	37.2	55.8

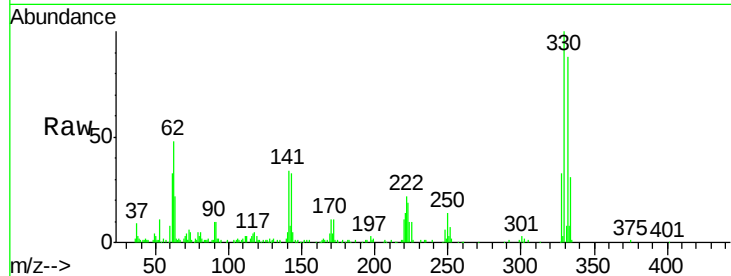




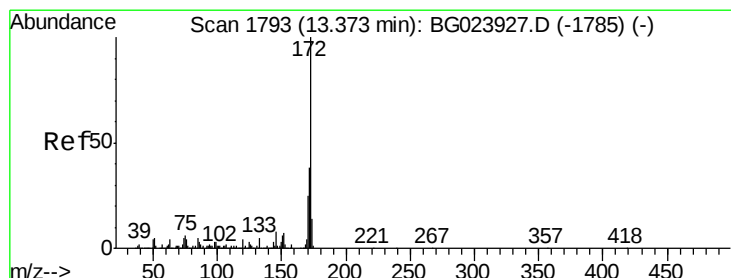
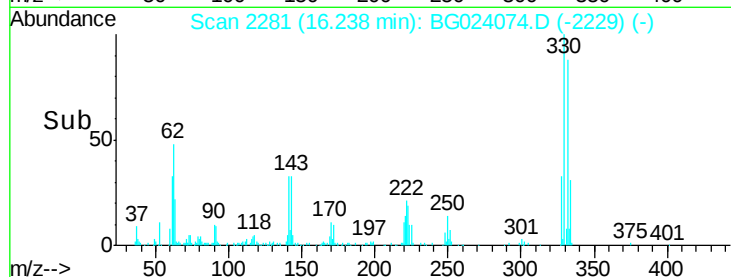
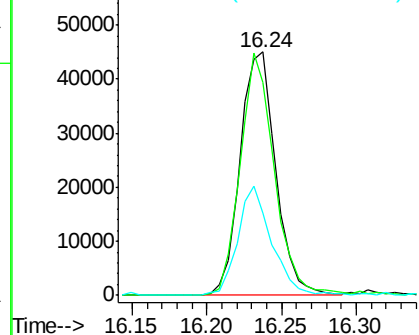
#41
 2,4,6-Tribromophenol
 Concen: 16.93 ng
 RT: 16.24 min Scan# 2281
 Delta R.T. 0.01 min
 Lab File: BG024074.D
 Acq: 22 Sep 2016 18:27

Instrument :
 BNA_G
 ClientSampleId :
 YORK-SB2-07-DUPDL

Tgt Ion:330 Resp: 74587
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.4 116.2
 141 43.1 31.7 47.5

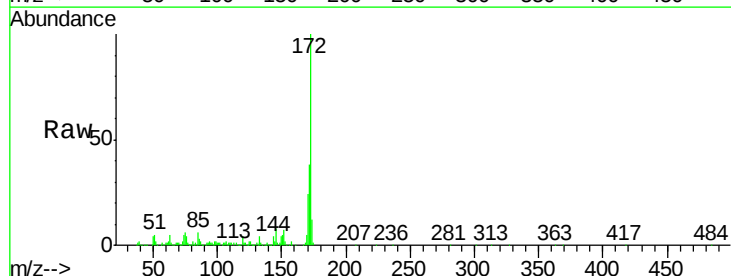


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

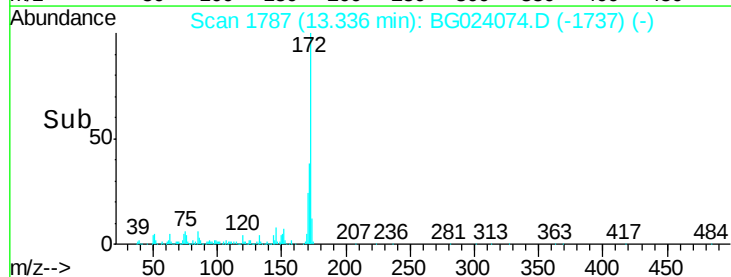
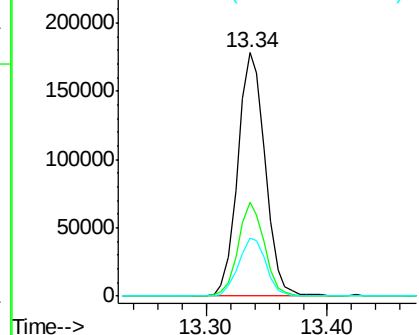


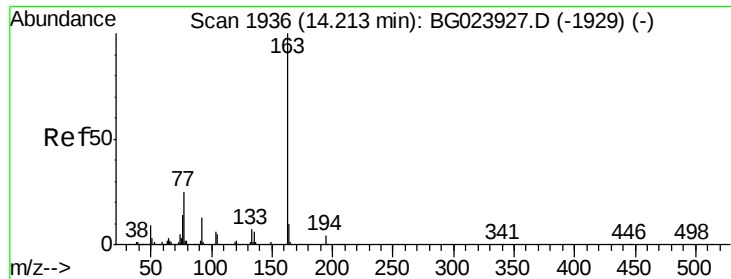
#44
 2-Fluorobiphenyl
 Concen: 16.50 ng
 RT: 13.34 min Scan# 1787
 Delta R.T. -0.01 min
 Lab File: BG024074.D
 Acq: 22 Sep 2016 18:27

Tgt Ion:172 Resp: 281510
 Ion Ratio Lower Upper
 172 100
 171 38.5 31.6 47.4
 170 24.1 21.3 31.9



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





#49

Dimethylphthalate

Concen: 2.44 ng

RT: 14.17 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BG024074.D

Acq: 22 Sep 2016 18:27

Instrument :

BNA_G

ClientSampleId :

YORK-SB2-07-DUPDL

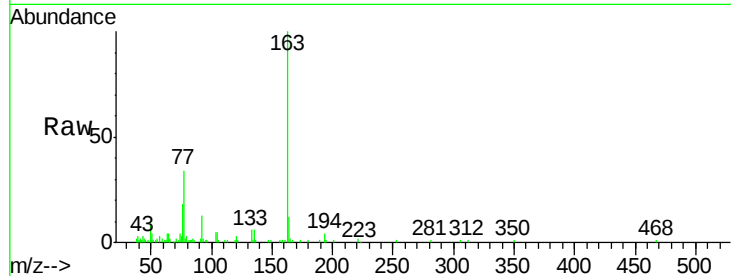
Tgt Ion:163 Resp: 51083

Ion Ratio Lower Upper

163 100

194 4.0 3.6 5.4

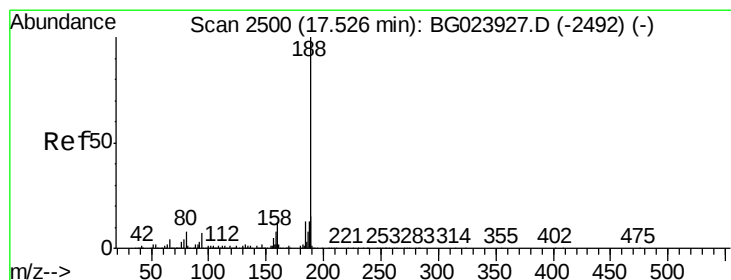
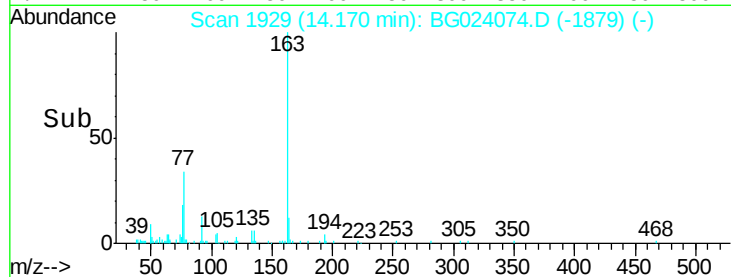
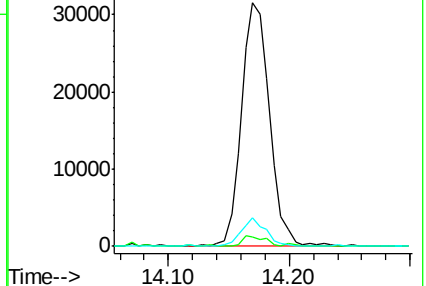
164 11.7 8.1 12.1



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2495

Delta R.T. 0.00 min

Lab File: BG024074.D

Acq: 22 Sep 2016 18:27

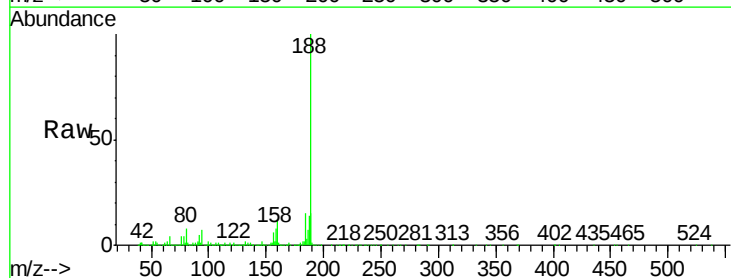
Tgt Ion:188 Resp: 509182

Ion Ratio Lower Upper

188 100

94 7.1 5.2 7.8

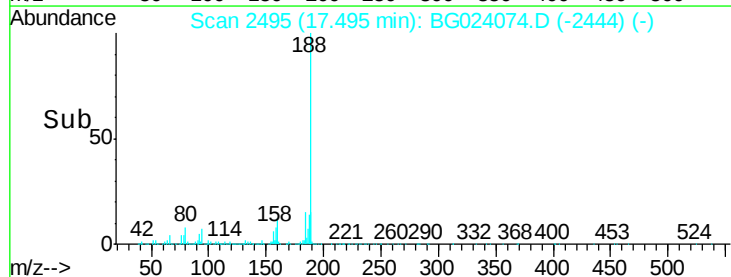
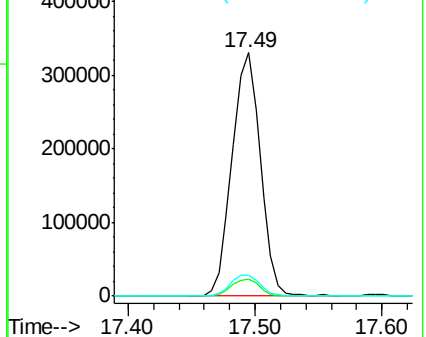
80 8.4 7.2 10.8

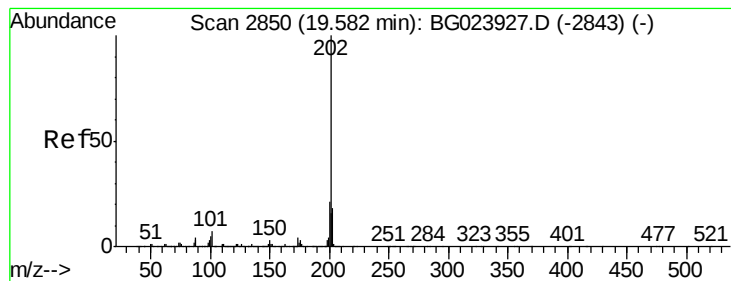


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#74

Fluoranthene

Concen: 2.47 ng

RT: 19.55 min Scan# 2845

Delta R.T. 0.00 min

Lab File: BG024074.D

Acq: 22 Sep 2016 18:27

Instrument :

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ClientSampleId :

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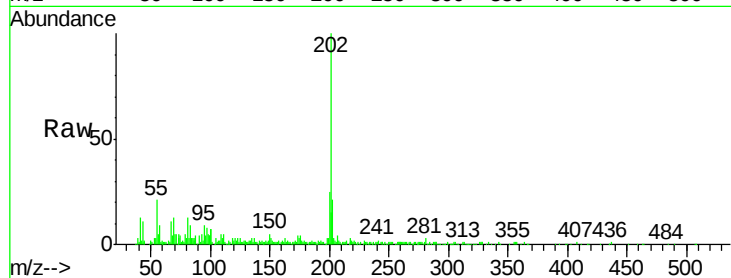
Tgt Ion:202 Resp: 78825

Ion Ratio Lower Upper

202 100

101 6.8 0.0 27.4

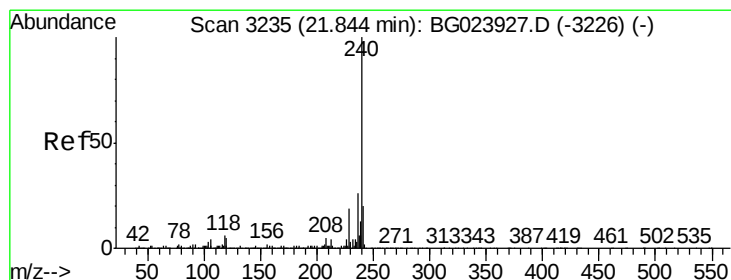
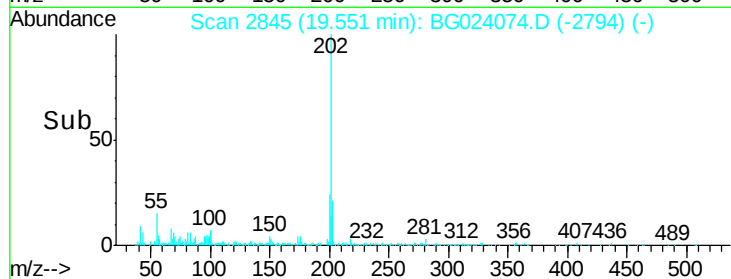
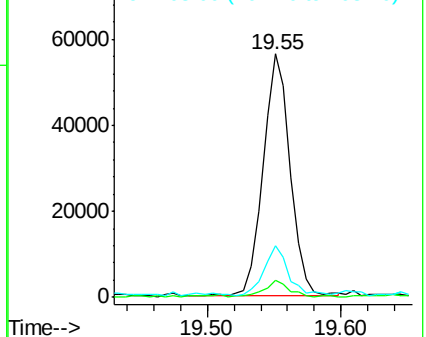
203 21.1 1.7 41.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.80 min Scan# 3228

Delta R.T. -0.01 min

Lab File: BG024074.D

Acq: 22 Sep 2016 18:27

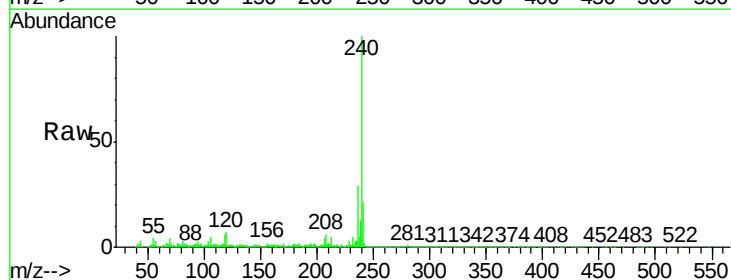
Tgt Ion:240 Resp: 494917

Ion Ratio Lower Upper

240 100

120 7.2 4.1 6.1#

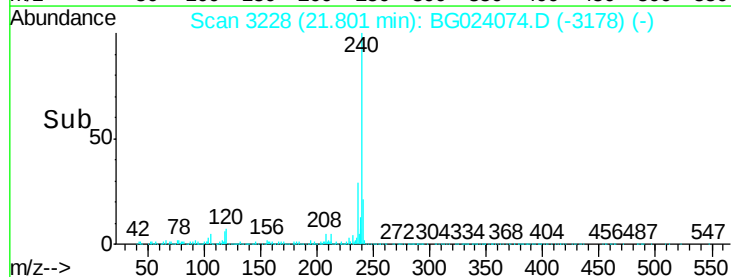
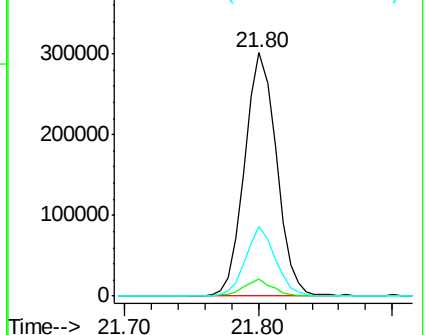
236 28.8 21.1 31.7

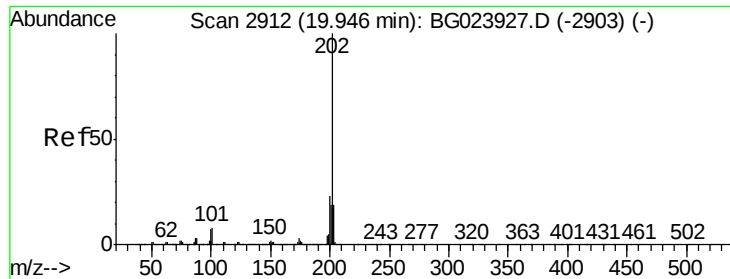


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 2.27 ng

RT: 19.91 min Scan# 2907

Delta R.T. 0.00 min

Lab File: BG024074.D

Acq: 22 Sep 2016 18:27

Instrument :

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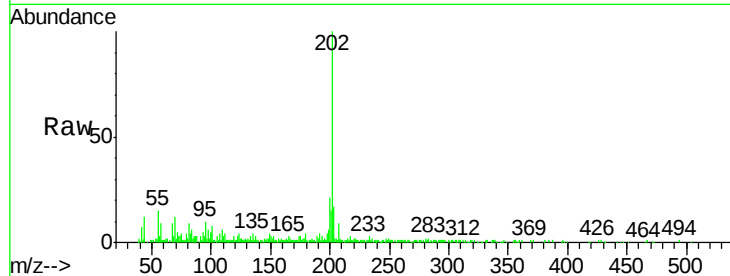
Tgt Ion:202 Resp: 68950

Ion Ratio Lower Upper

202 100

200 21.3 21.2 31.8

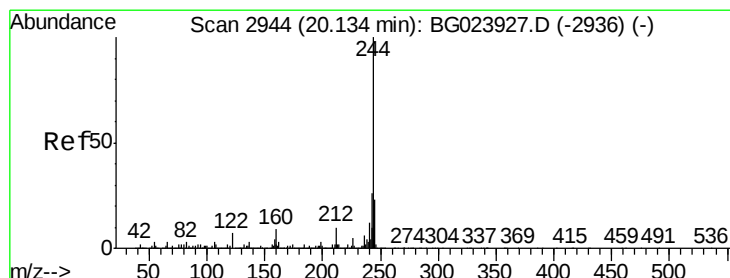
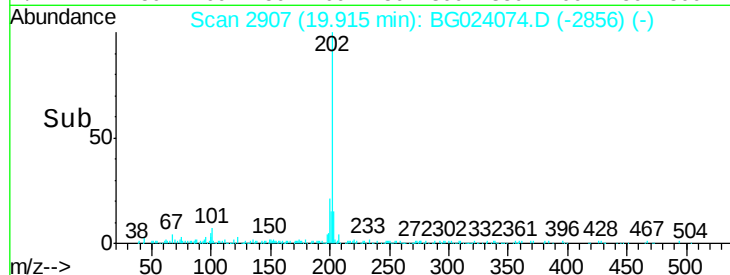
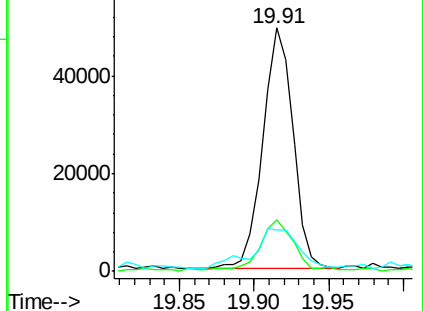
203 17.0 16.8 25.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 15.47 ng

RT: 20.10 min Scan# 2939

Delta R.T. 0.00 min

Lab File: BG024074.D

Acq: 22 Sep 2016 18:27

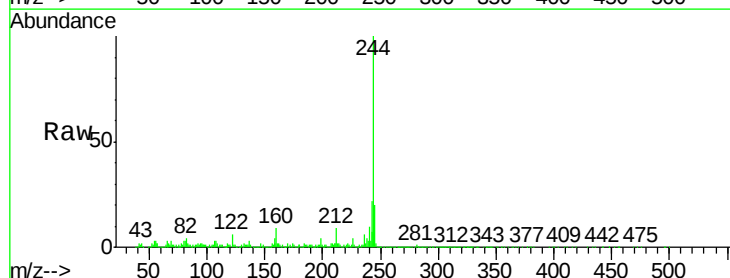
Tgt Ion:244 Resp: 336139

Ion Ratio Lower Upper

244 100

212 8.5 10.8 16.2#

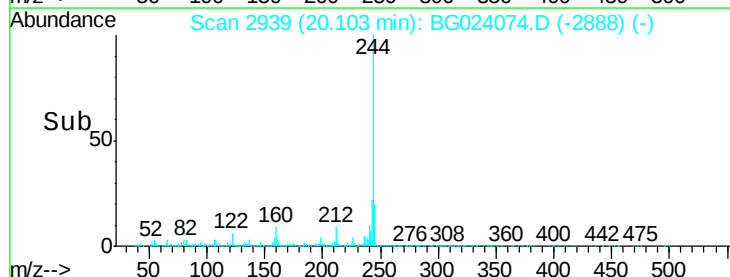
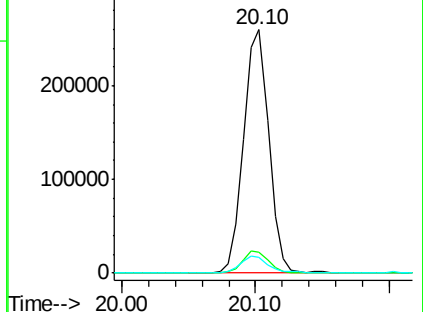
122 6.3 8.0 12.0#

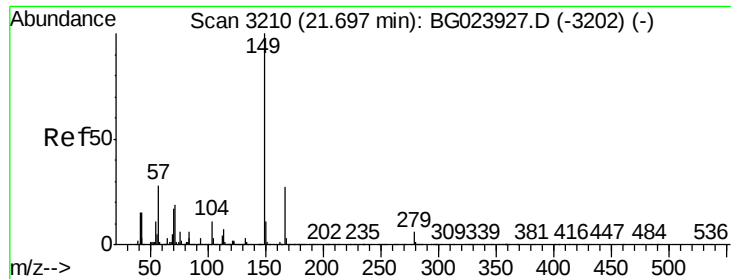


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

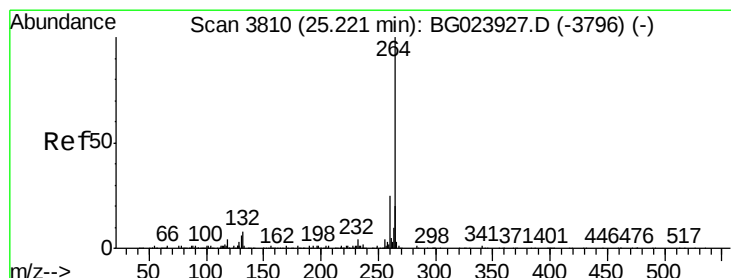
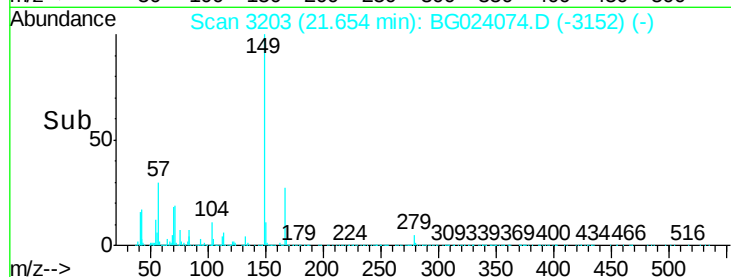
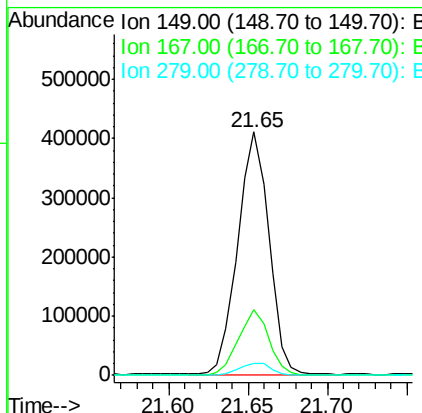
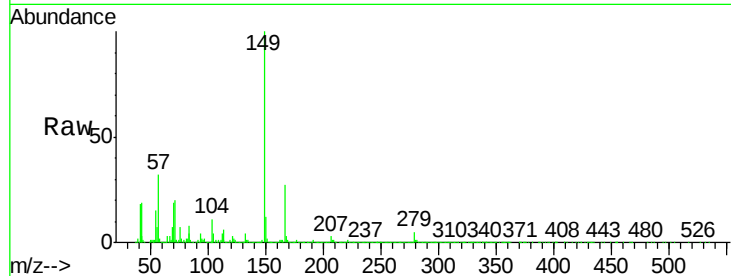




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.74 ng
 RT: 21.65 min Scan# 3203
 Delta R.T. 0.00 min
 Lab File: BG024074.D
 Acq: 22 Sep 2016 18:27

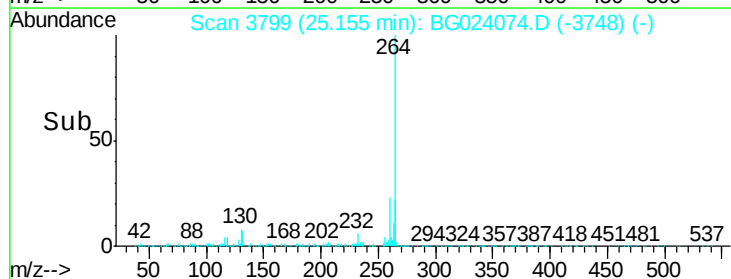
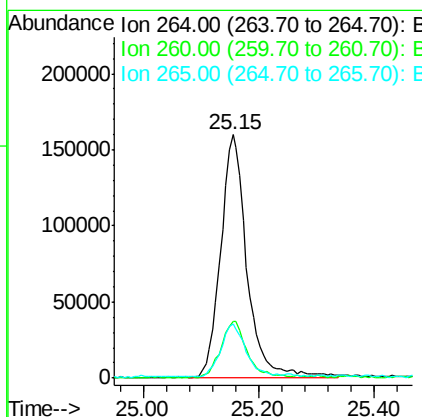
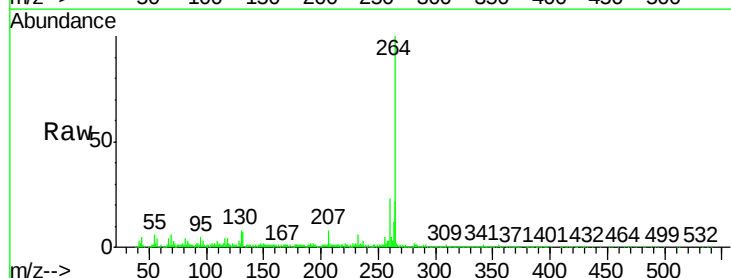
Instrument :
 BNA_G
 ClientSampleId :
 YORK-SB2-07-DUPDL

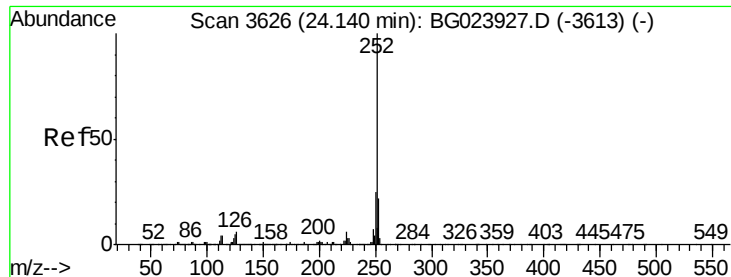
Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	24.0	36.0
279	5.2	4.8	7.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.15 min Scan# 3799
 Delta R.T. 0.00 min
 Lab File: BG024074.D
 Acq: 22 Sep 2016 18:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.4	27.6
265	22.2	18.9	28.3





#87

Benzo(b)fluoranthene

Concen: 2.10 ng

RT: 24.08 min Scan# 3616

Delta R.T. 0.00 min

Lab File: BG024074.D

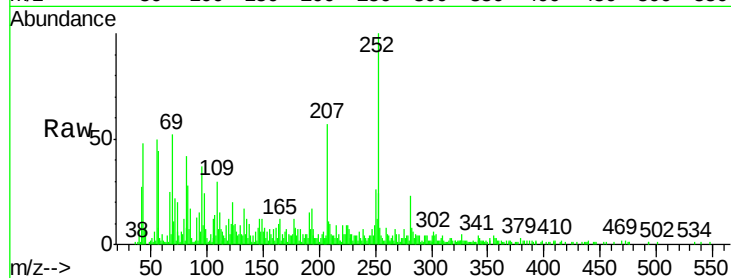
Acq: 22 Sep 2016 18:27

Instrument :

BNA_G

ClientSampleId :

YORK-SB2-07-DUPDL



Tgt Ion:	252	Resp:	60446
Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.9	28.3
125	10.2	3.9	5.9#

