

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
 Data File : BG022445.D
 Acq On : 19 Jun 2016 5:18
 Operator : UM/SJ
 Sample : H3607-09
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TE-PMW-43

Quant Time: Jun 20 01:29:03 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	8.04	152	30902	20.00	ng	-0.05
21) Naphthalene-d8	10.87	136	144797	20.00	ng	-0.04
38) Acenaphthene-d10	14.68	164	79401	20.00	ng	-0.04
63) Phenanthrene-d10	17.43	188	142855	20.00	ng	-0.04
75) Chrysene-d12	21.70	240	100623	20.00	ng	-0.04
86) Perylene-d12	24.95	264	76465	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	104108	65.14	ng	-0.03
7) Phenol-d6	7.24	99	93861	37.35	ng	-0.01
23) Nitrobenzene-d5	9.22	82	201572	97.05	ng	-0.04
41) 2,4,6-Tribromophenol	16.18	330	98445	109.73	ng	-0.04
44) 2-Fluorobiphenyl	13.31	172	523884	100.55	ng	-0.04
78) Terphenyl-d14	20.03	244	398969	94.13	ng	-0.03

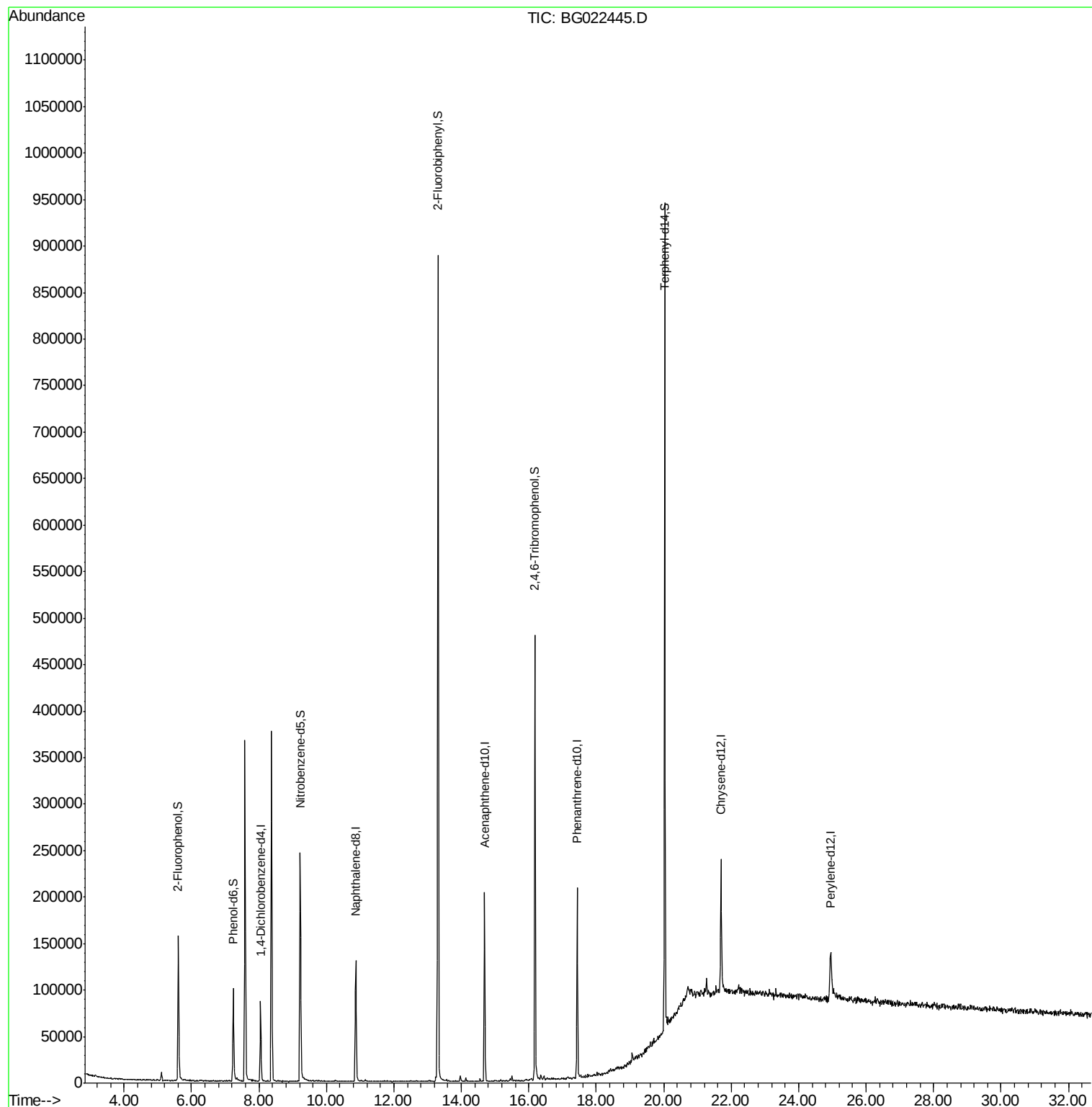
Target Compounds Qvalue

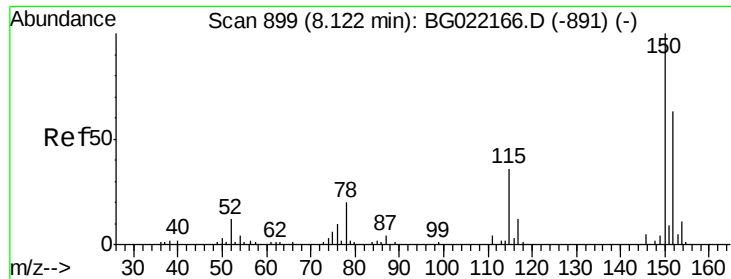
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 886

Delta R.T. -0.05 min

Lab File: BG022445.D

Acq: 19 Jun 2016 5:18

Instrument :

BNA_G

ClientSampleId :

TE-PMW-43

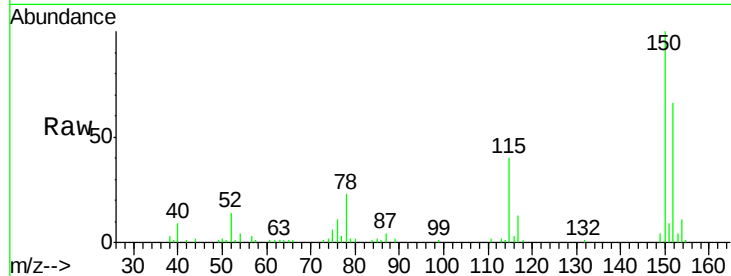
Tot Ion:152 Resp: 30902

Ion Ratio Lower Upper

152 100

150 150.6 130.1 195.1

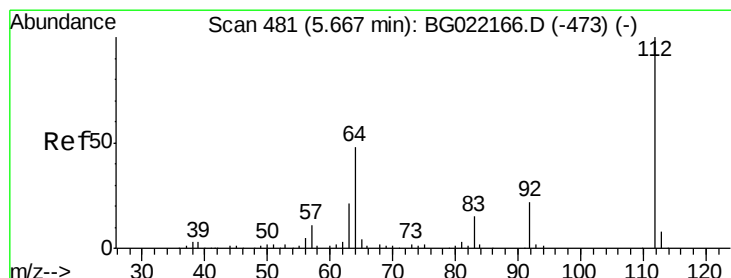
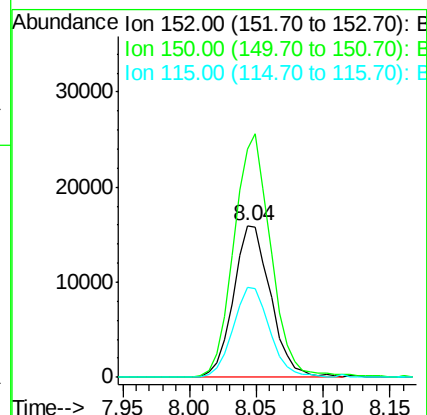
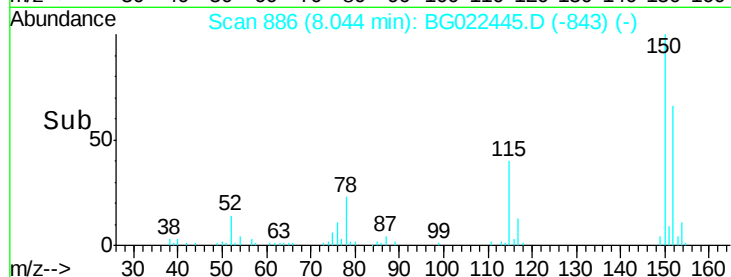
115 59.7 62.2 93.2#



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: 65.14 ng

RT: 5.61 min Scan# 471

Delta R.T. -0.03 min

Lab File: BG022445.D

Acq: 19 Jun 2016 5:18

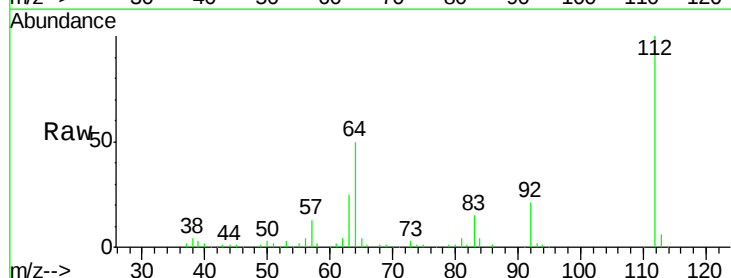
Tgt Ion:112 Resp: 104108

Ion Ratio Lower Upper

112 100

64 49.7 51.1 76.7#

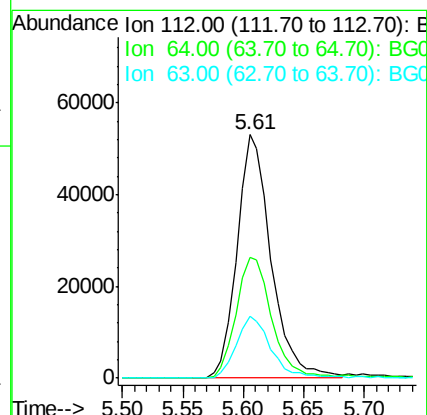
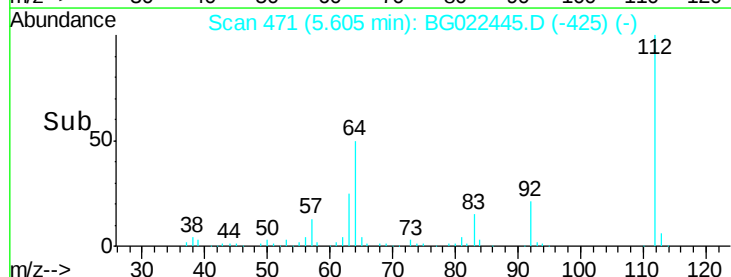
63 25.5 24.6 37.0

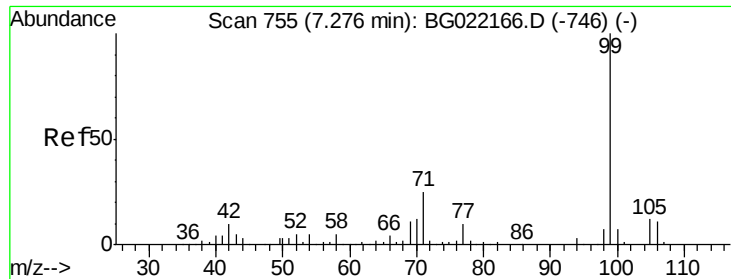


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 37.35 ng

RT: 7.24 min Scan# 749

Delta R.T. -0.01 min

Lab File: BG022445.D

Acq: 19 Jun 2016 5:18

Instrument :

BNA_G

ClientSampled :

TE-PMW-43

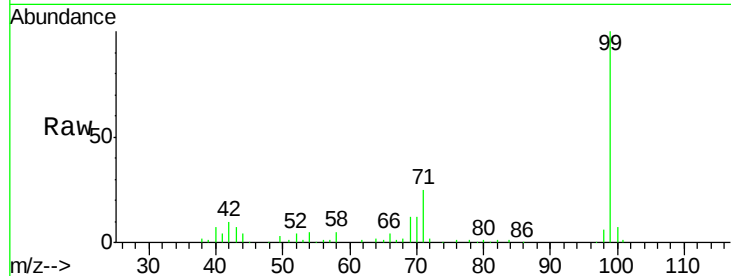
Tot Ion: 99 Resp: 93861

Ion Ratio Lower Upper

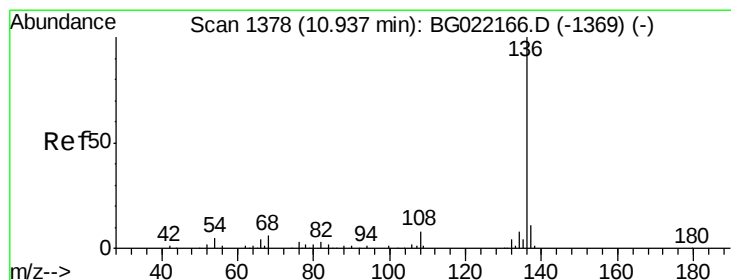
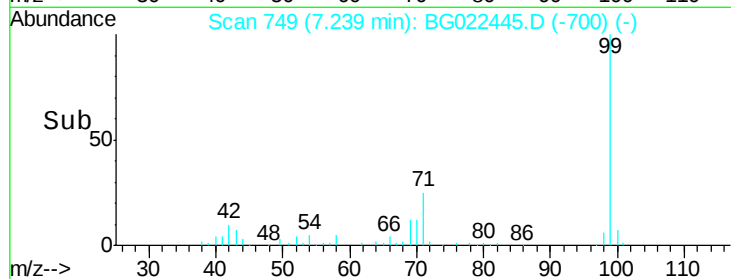
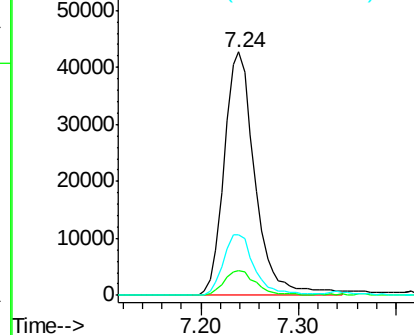
99 100

42 10.3 16.4 24.6#

71 25.0 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: 10.87 min Scan# 1367

Delta R.T. -0.04 min

Lab File: BG022445.D

Acq: 19 Jun 2016 5:18

Tgt Ion: 136 Resp: 144797

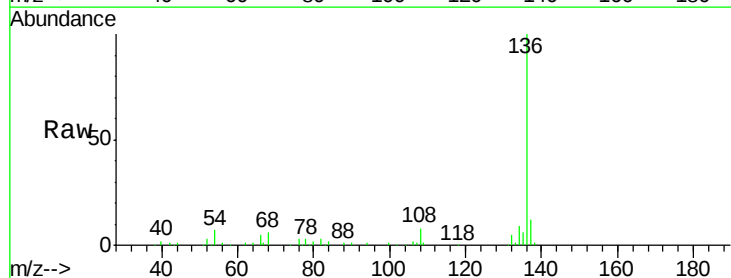
Ion Ratio Lower Upper

136 100

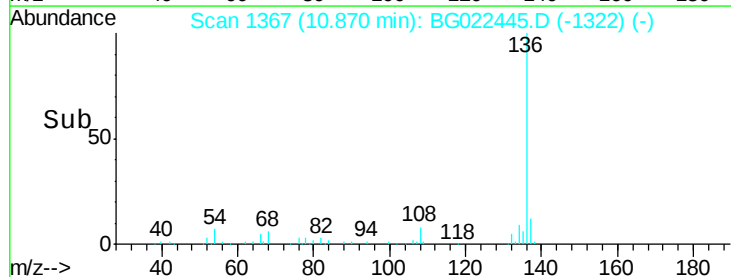
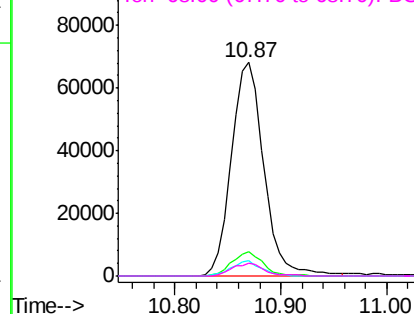
137 11.6 9.0 13.4

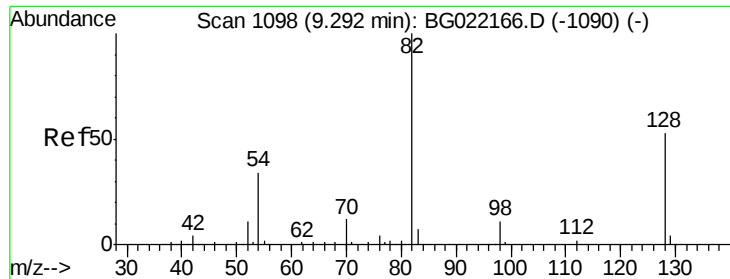
54 7.2 9.6 14.4#

68 5.9 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

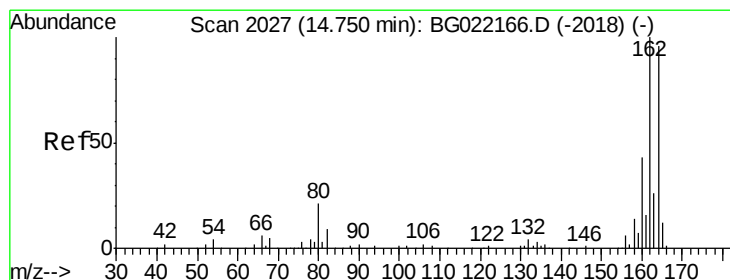
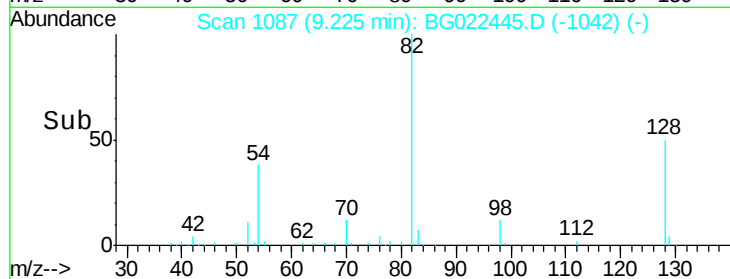
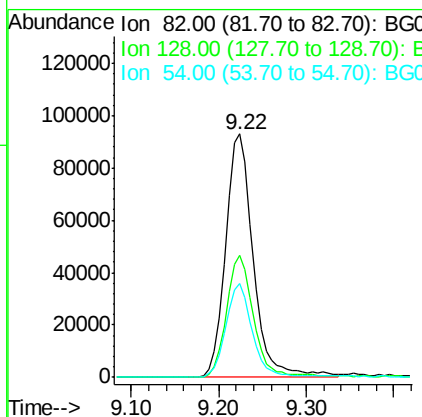
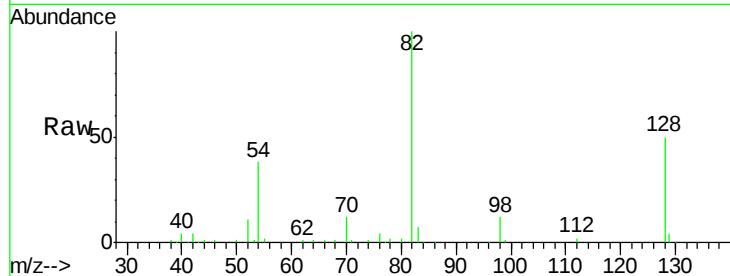




#23
 Nitrobenzene-d5
 Concen: 97.05 ng
 RT: 9.22 min Scan# 1087
 Delta R.T. -0.04 min
 Lab File: BG022445.D
 Acq: 19 Jun 2016 5:18

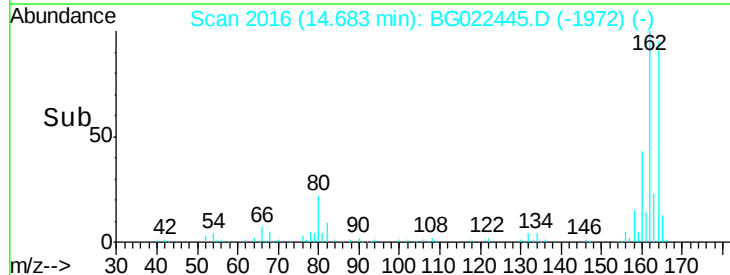
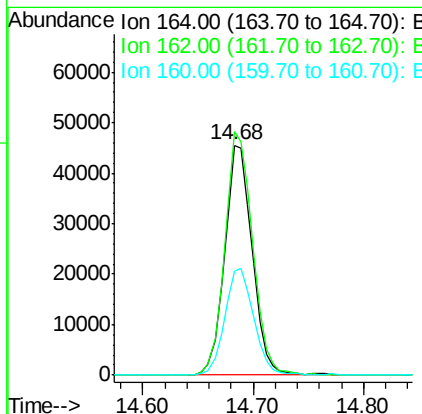
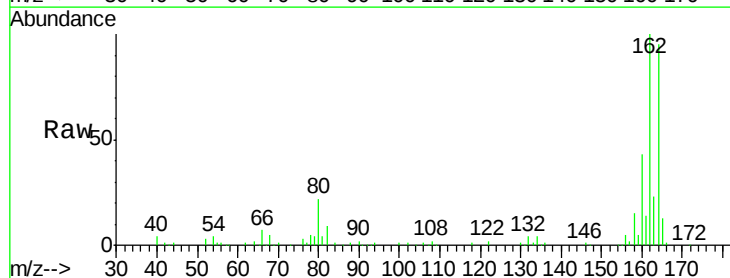
Instrument :
 BNA_G
 ClientSampleId :
 TE-PMW-43

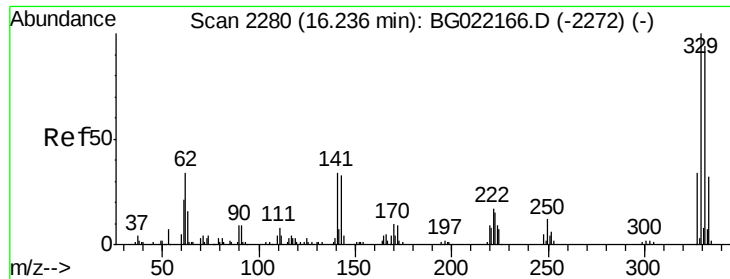
Tot Ion: 82 Resp: 201572
 Ion Ratio Lower Upper
 82 100
 128 49.9 33.4 50.0
 54 38.4 46.1 69.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.68 min Scan# 2016
 Delta R.T. -0.04 min
 Lab File: BG022445.D
 Acq: 19 Jun 2016 5:18

Tgt Ion:164 Resp: 79401
 Ion Ratio Lower Upper
 164 100
 162 105.8 78.0 117.0
 160 45.3 32.9 49.3

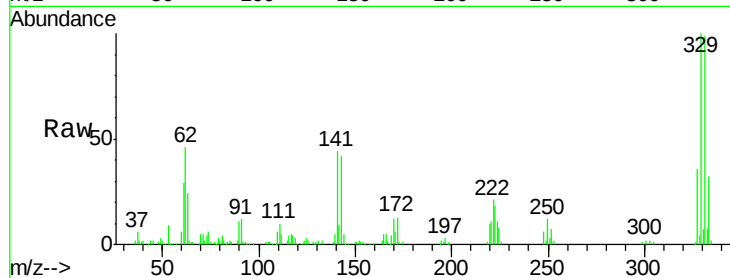




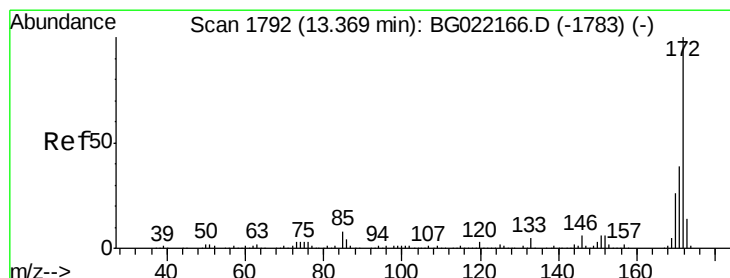
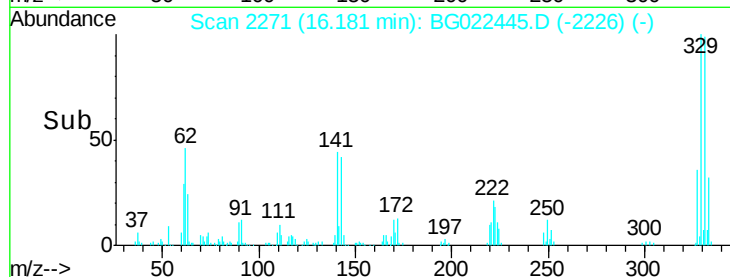
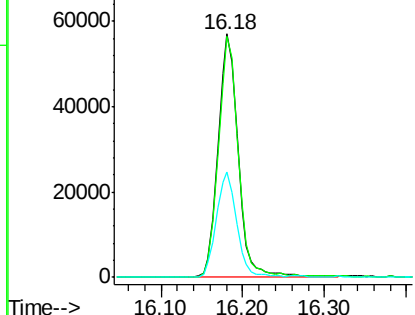
#41
 2,4,6-Tribromophenol
 Concen: 109.73 ng
 RT: 16.18 min Scan# 2271
 Delta R.T. -0.04 min
 Lab File: BG022445.D
 Acq: 19 Jun 2016 5:18

Instrument :
 BNA_G
 ClientSampleId :
 TE-PMW-43

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	78.0	117.0
141	43.8	33.8	50.8

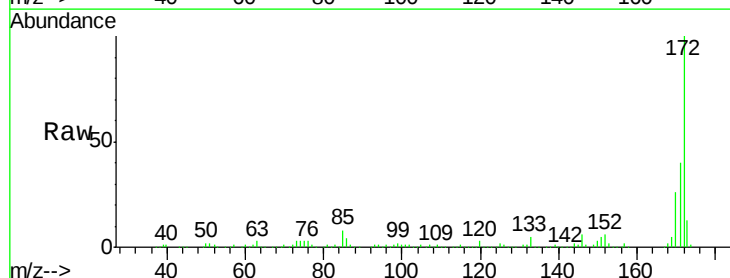


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

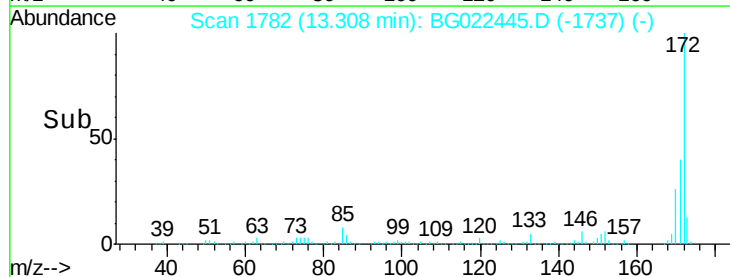
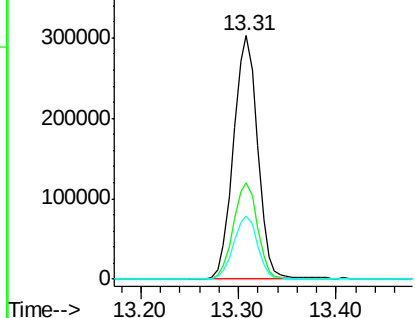


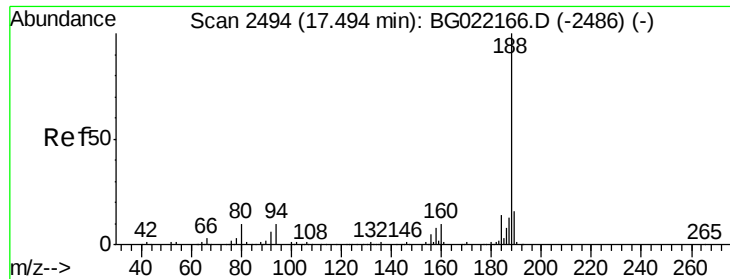
#44
 2-Fluorobiphenyl
 Concen: 100.55 ng
 RT: 13.31 min Scan# 1782
 Delta R.T. -0.04 min
 Lab File: BG022445.D
 Acq: 19 Jun 2016 5:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.5	27.8	41.6
170	26.0	19.6	29.4



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

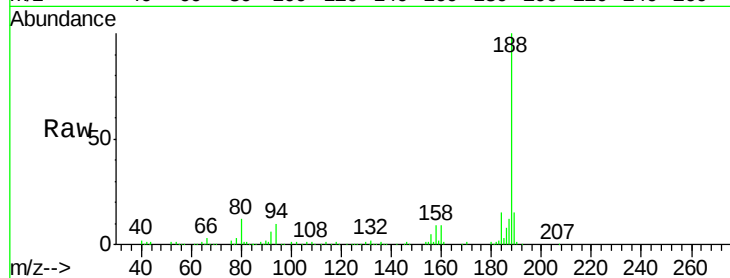




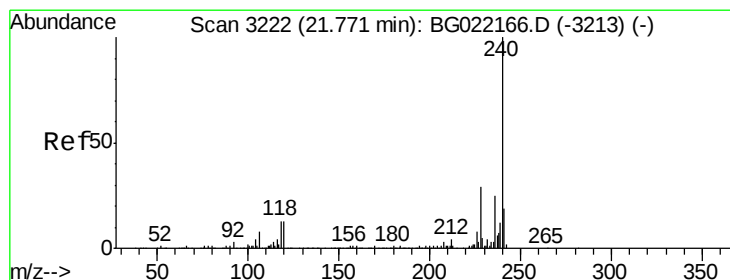
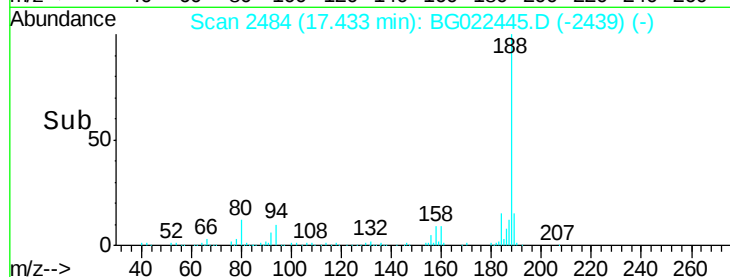
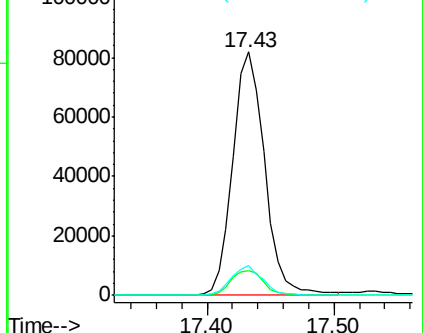
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.43 min Scan# 2484
Delta R.T. -0.04 min
Lab File: BG022445.D
Acq: 19 Jun 2016 5:18

Instrument :
BNA_G
ClientSampleId :
TE-PMW-43

Tot Ion:188 Resp: 142855
Ion Ratio Lower Upper
188 100
94 10.2 7.5 11.3
80 12.5 8.6 13.0

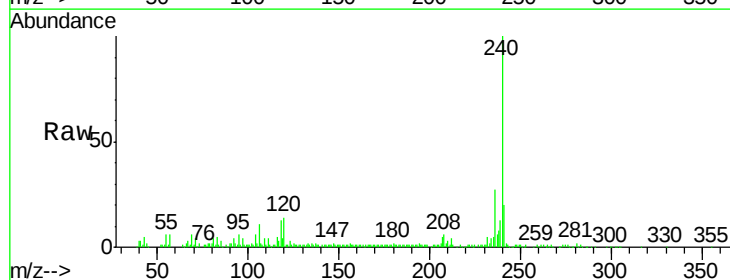


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

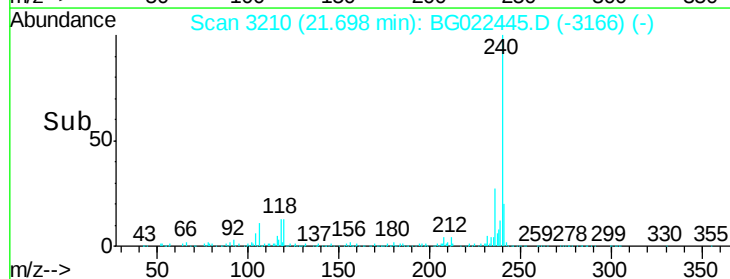
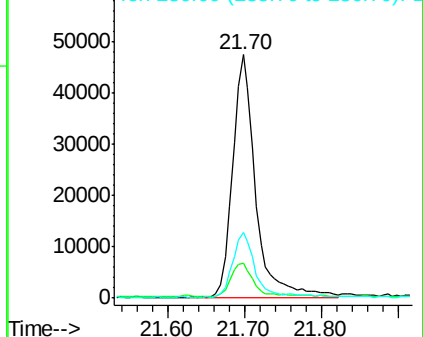


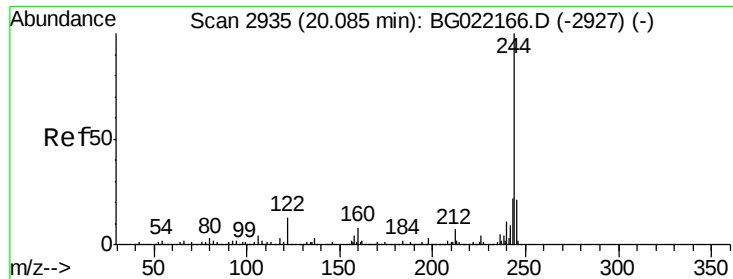
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.70 min Scan# 3210
Delta R.T. -0.04 min
Lab File: BG022445.D
Acq: 19 Jun 2016 5:18

Tgt Ion:240 Resp: 100623
Ion Ratio Lower Upper
240 100
120 14.1 8.4 12.6#
236 27.2 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

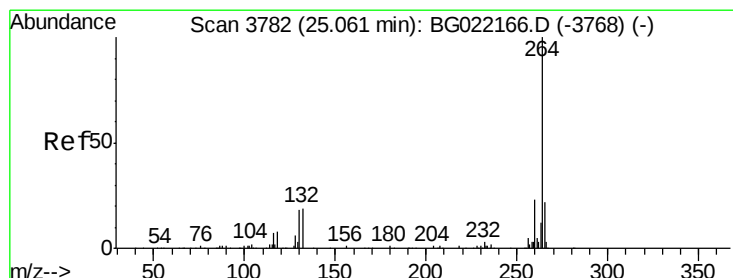
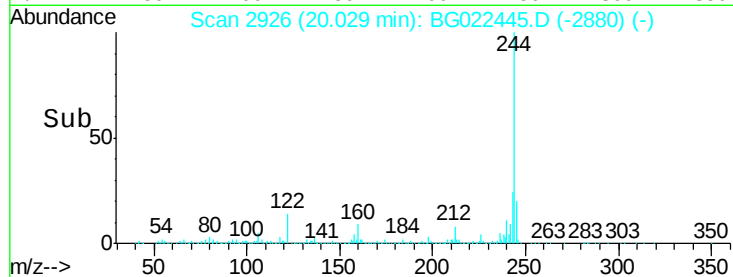
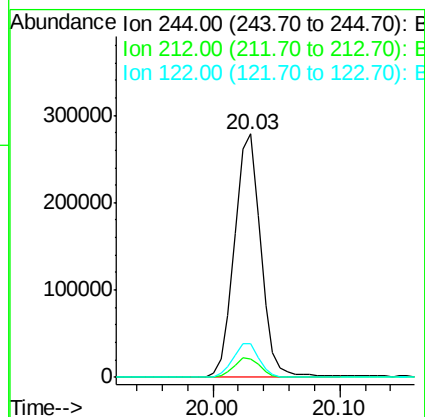
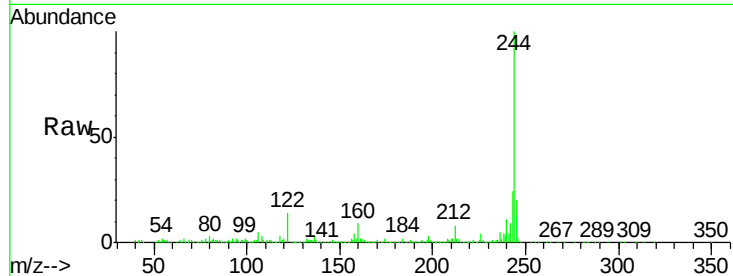




#78
 Terphenyl-d14
 Concen: 94.13 ng
 RT: 20.03 min Scan# 2926
 Delta R.T. -0.03 min
 Lab File: BG022445.D
 Acq: 19 Jun 2016 5:18

Instrument :
 BNA_G
 ClientSampleId :
 TE-PMW-43

Tot Ion:244 Resp: 398969
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 14.1 8.6 12.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.95 min Scan# 3763
 Delta R.T. -0.06 min
 Lab File: BG022445.D
 Acq: 19 Jun 2016 5:18

Tgt Ion:264 Resp: 76465
 Ion Ratio Lower Upper
 264 100
 260 26.4 20.2 30.4
 265 25.1 17.8 26.8

