

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062316\
 Data File : BG022505.D
 Acq On : 23 Jun 2016 5:09
 Operator : UM/SJ
 Sample : H3623-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 23 07:43:52 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 01:27:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	30944	20.00	ng	-0.03
21) Naphthalene-d8	10.79	136	160747	20.00	ng	-0.02
38) Acenaphthene-d10	14.62	164	102177	20.00	ng	-0.01
63) Phenanthrene-d10	17.36	188	204194	20.00	ng	-0.02
75) Chrysene-d12	21.62	240	120118	20.00	ng	-0.02
86) Perylene-d12	24.80	264	109212	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	294592	184.07	ng	-0.03
7) Phenol-d6	7.15	99	410093	162.97	ng	-0.03
23) Nitrobenzene-d5	9.14	82	245069	106.29	ng	-0.02
41) 2,4,6-Tribromophenol	16.11	330	147645	127.88	ng	-0.02
44) 2-Fluorobiphenyl	13.24	172	682933	101.86	ng	-0.01
78) Terphenyl-d14	19.96	244	685816	135.55	ng	-0.01

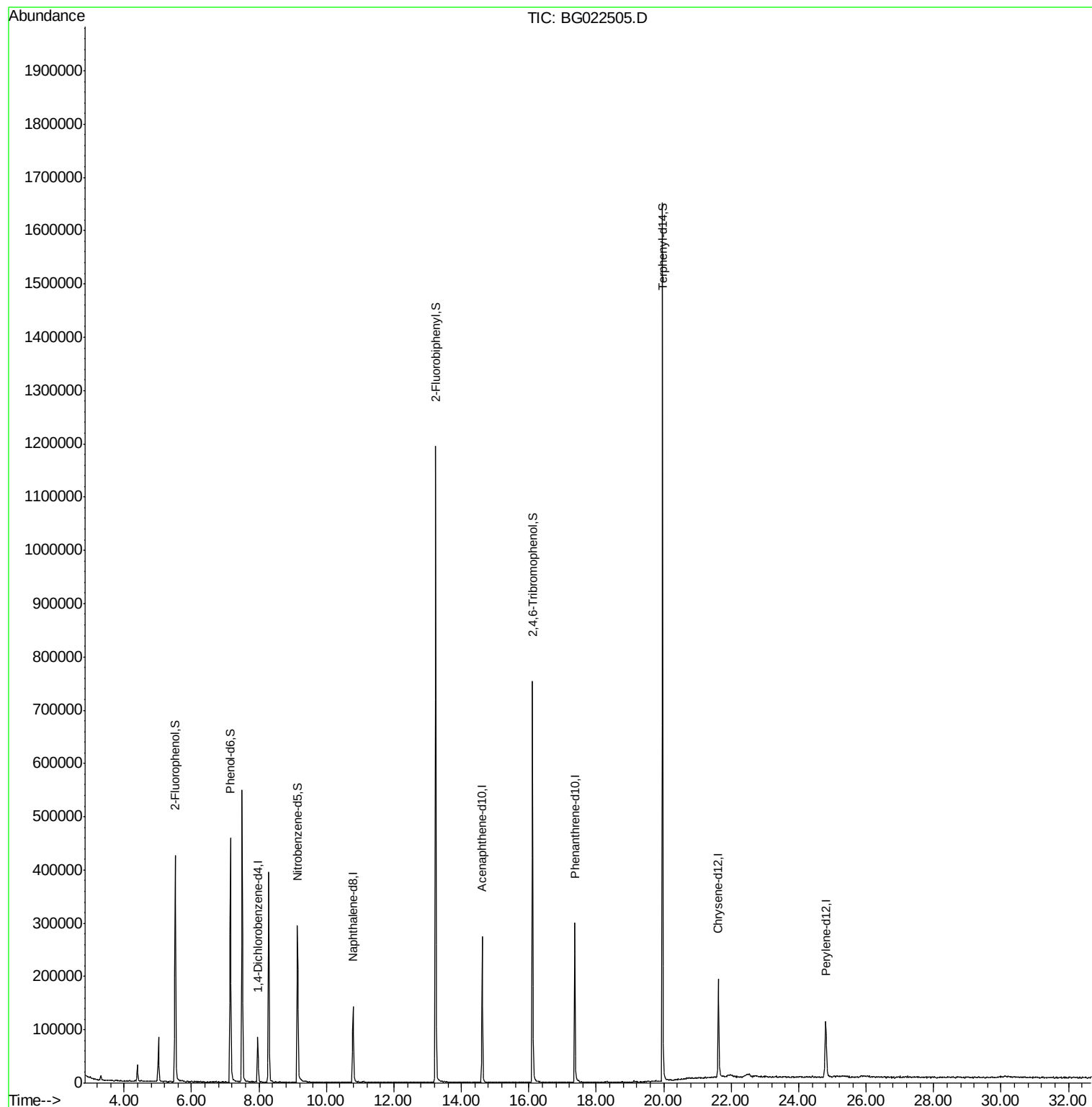
Target Compounds Qvalue

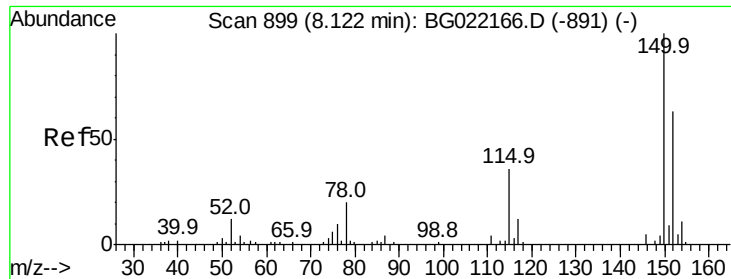
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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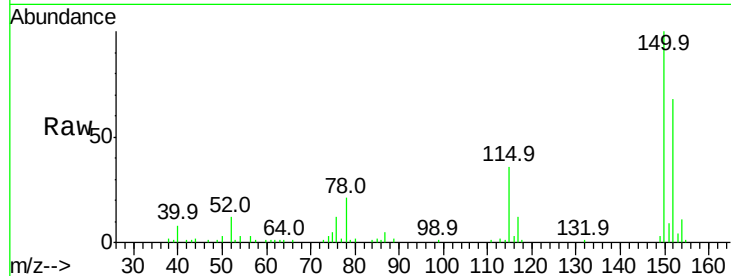


#1

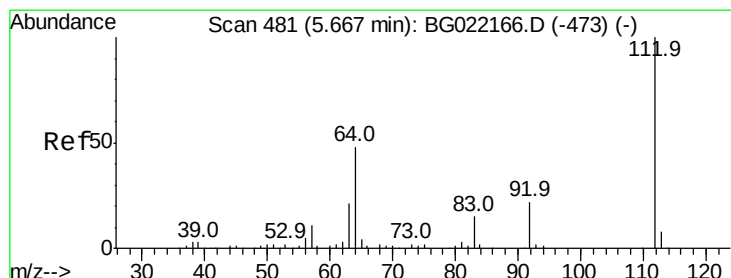
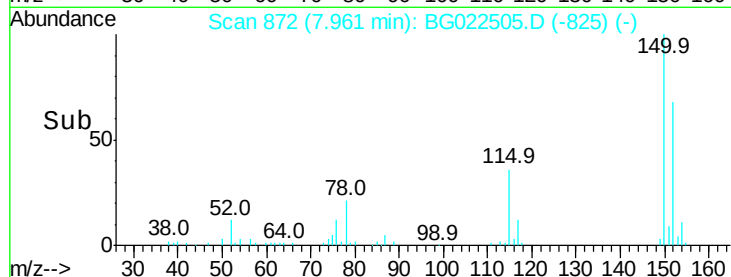
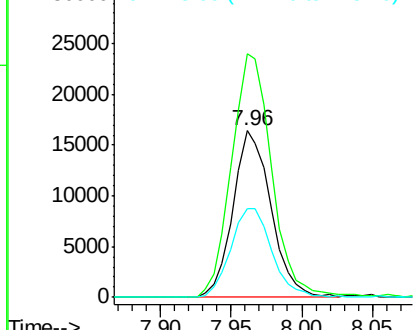
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.96 min Scan# 872
Delta R.T. -0.03 min
Lab File: BG022505.D
Acq: 23 Jun 2016 5:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 30944
Ion Ratio Lower Upper
152 100
150 146.3 130.1 195.1
115 53.3 62.2 93.2#



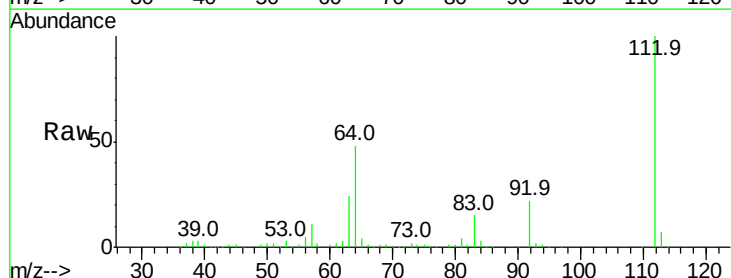
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



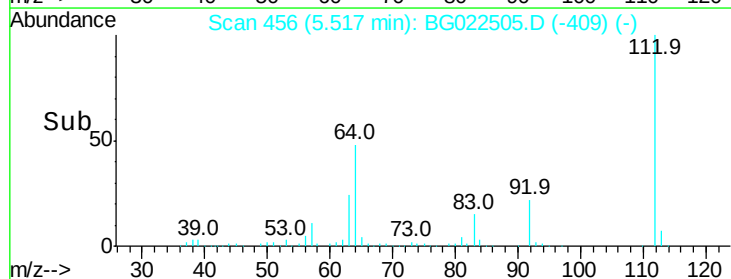
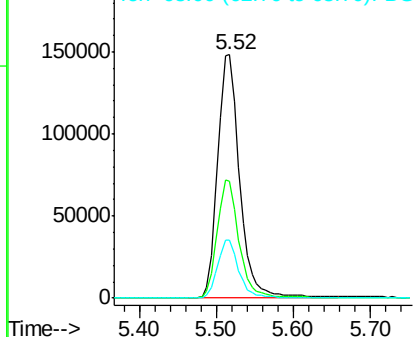
#5

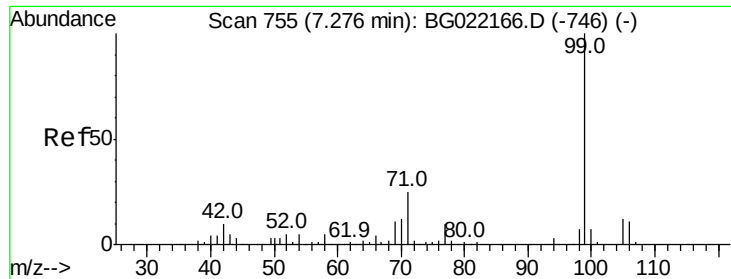
2-Fluorophenol
Concen: 184.07 ng
RT: 5.52 min Scan# 456
Delta R.T. -0.03 min
Lab File: BG022505.D
Acq: 23 Jun 2016 5:09

Tgt Ion:112 Resp: 294592
Ion Ratio Lower Upper
112 100
64 47.9 51.1 76.7#
63 23.6 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: 162.97 ng

RT: 7.15 min Scan# 734

Delta R.T. -0.03 min

Lab File: BG022505.D

Acq: 23 Jun 2016 5:09

Instrument :

BNA_G

ClientSampleId :

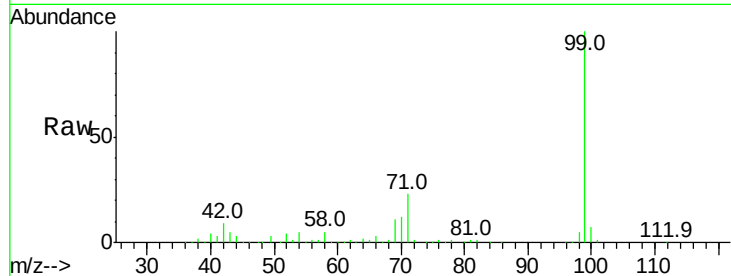
Tot Ion: 99 Resp: 410093

Ion Ratio Lower Upper

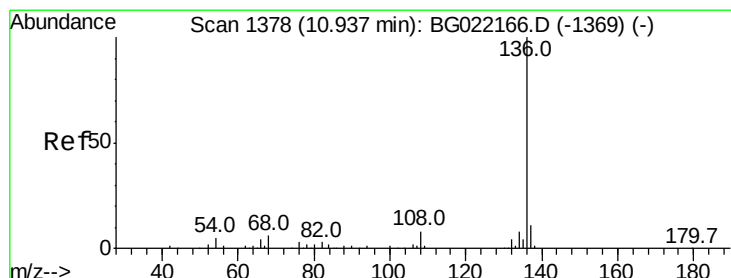
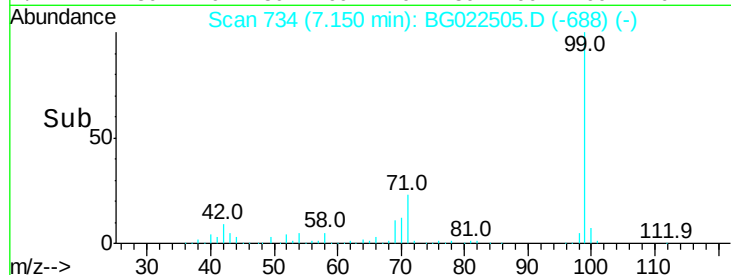
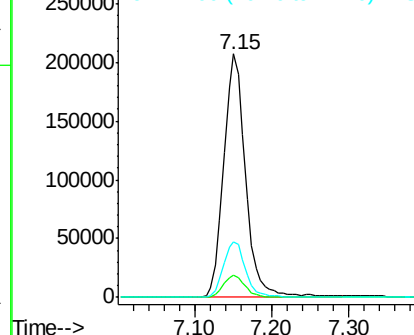
99 100

42 9.3 16.4 24.6#

71 23.0 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: 10.79 min Scan# 1353

Delta R.T. -0.02 min

Lab File: BG022505.D

Acq: 23 Jun 2016 5:09

Tgt Ion: 136 Resp: 160747

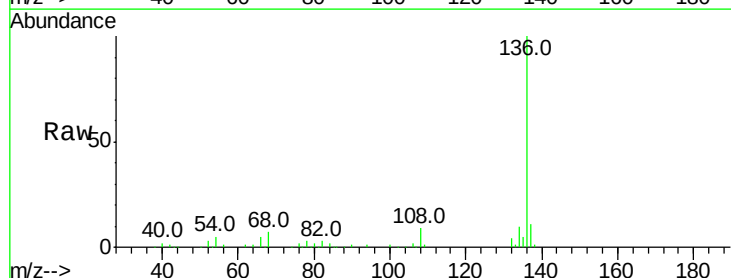
Ion Ratio Lower Upper

136 100

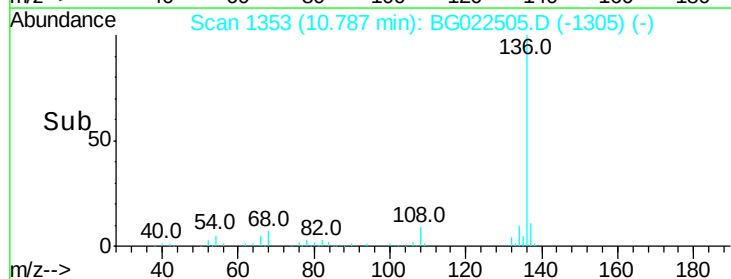
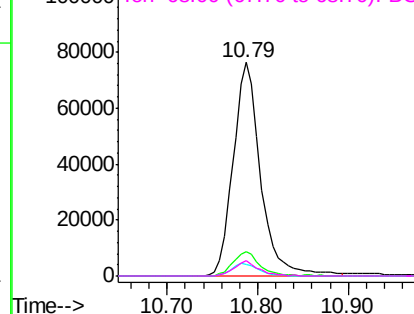
137 11.2 9.0 13.4

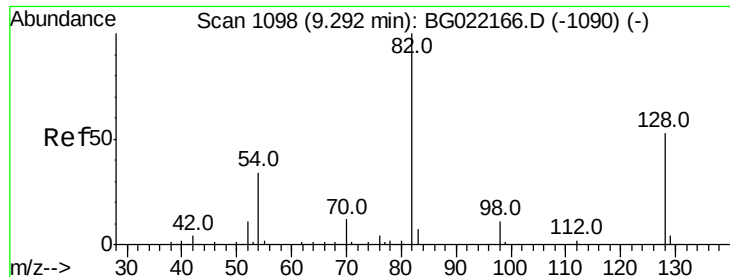
54 5.2 9.6 14.4#

68 6.9 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

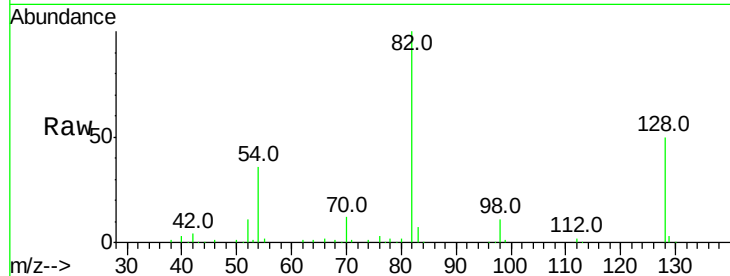




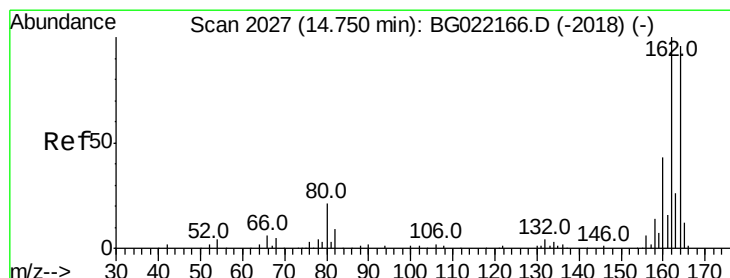
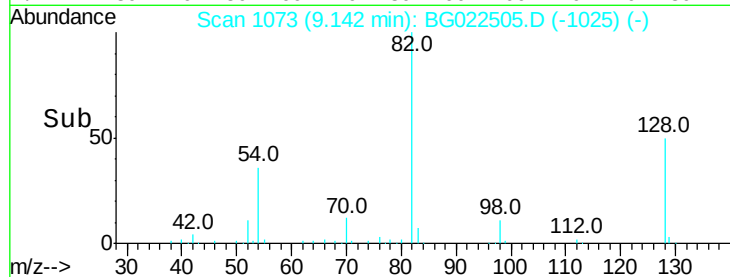
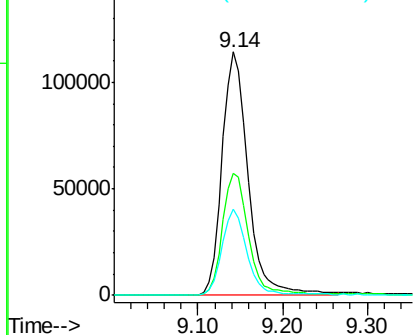
#23
 Nitrobenzene-d5
 Concen: 106.29 ng
 RT: 9.14 min Scan# 1073
 Delta R.T. -0.02 min
 Lab File: BG022505.D
 Acq: 23 Jun 2016 5:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 245069
 Ion Ratio Lower Upper
 82 100
 128 50.1 33.4 50.0#
 54 35.5 46.1 69.1#

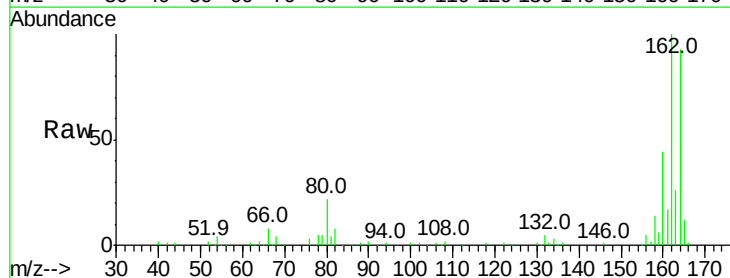


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

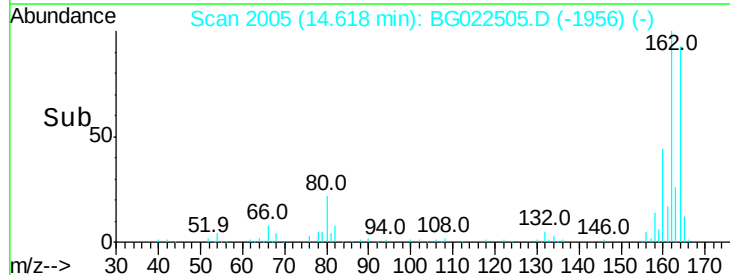
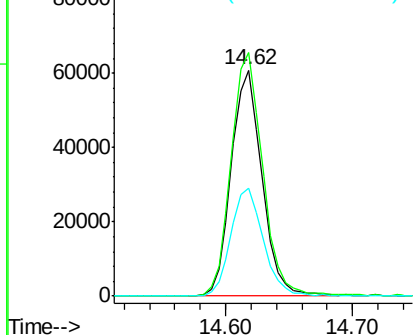


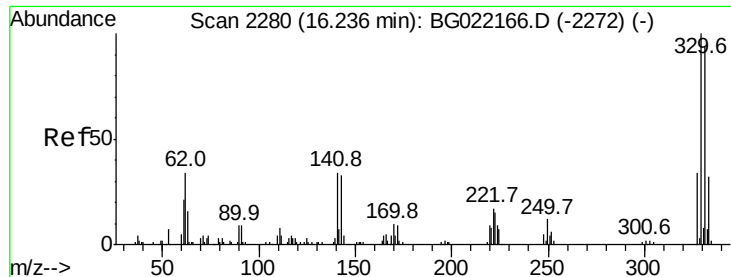
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.62 min Scan# 2005
 Delta R.T. -0.01 min
 Lab File: BG022505.D
 Acq: 23 Jun 2016 5:09

Tgt Ion: 164 Resp: 102177
 Ion Ratio Lower Upper
 164 100
 162 107.7 78.0 117.0
 160 47.8 32.9 49.3



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

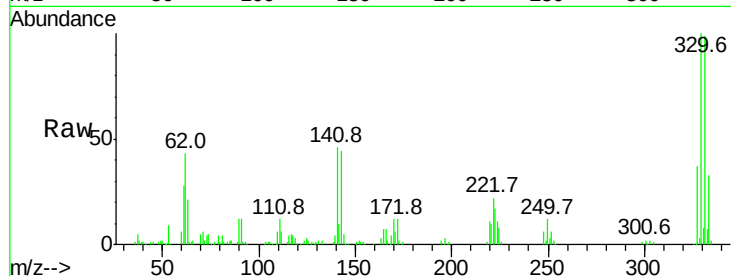




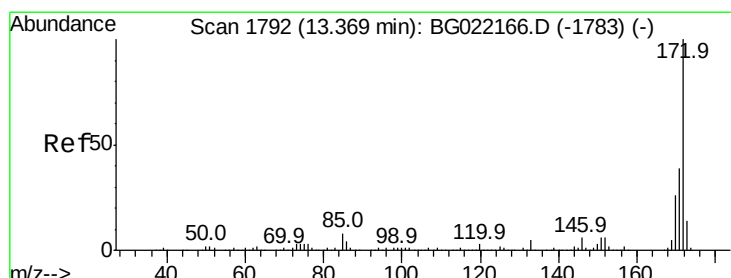
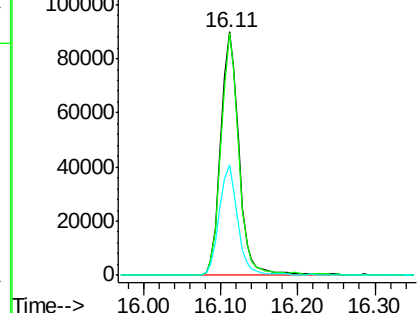
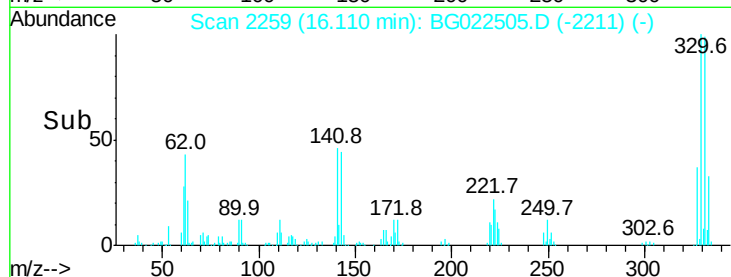
#41
 2,4,6-Tribromophenol
 Concen: 127.88 ng
 RT: 16.11 min Scan# 2259
 Delta R.T. -0.02 min
 Lab File: BG022505.D
 Acq: 23 Jun 2016 5:09

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	78.0	117.0
141	45.8	33.8	50.8

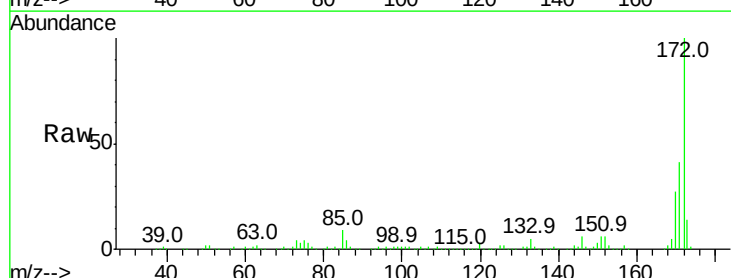


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

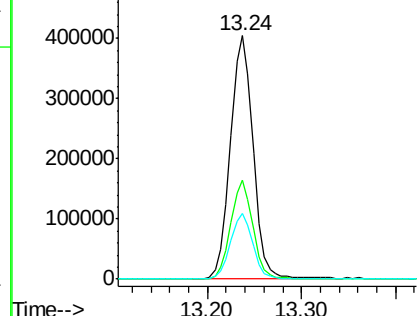
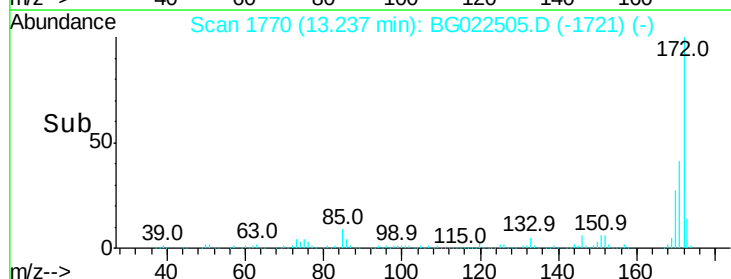


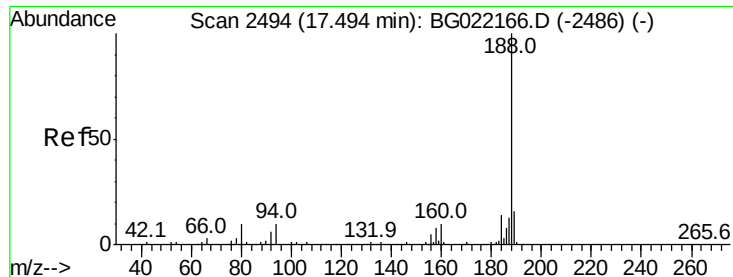
#44
 2-Fluorobiphenyl
 Concen: 101.86 ng
 RT: 13.24 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BG022505.D
 Acq: 23 Jun 2016 5:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.6	27.8	41.6
170	27.1	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: 17.36 min Scan# 2472

Delta R.T. -0.02 min

Lab File: BG022505.D

Acq: 23 Jun 2016 5:09

Instrument :

BNA_G

ClientSampleId :

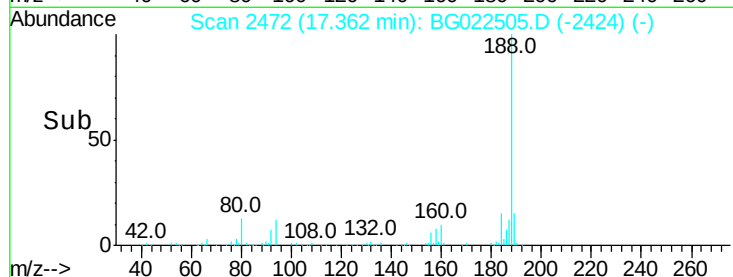
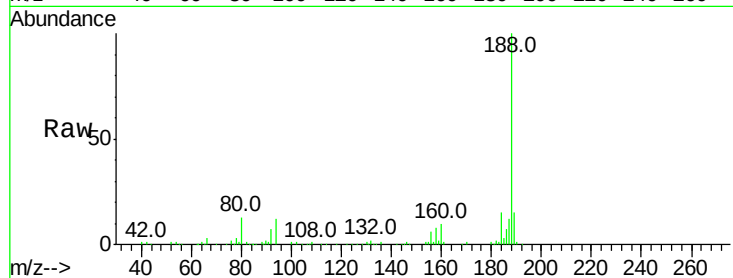
Tot Ion:188 Resp: 204194

Ion Ratio Lower Upper

188 100

94 11.9 7.5 11.3#

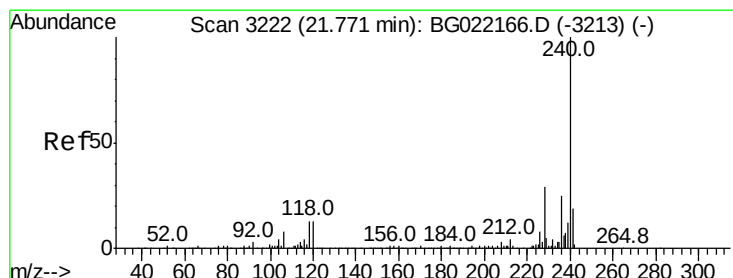
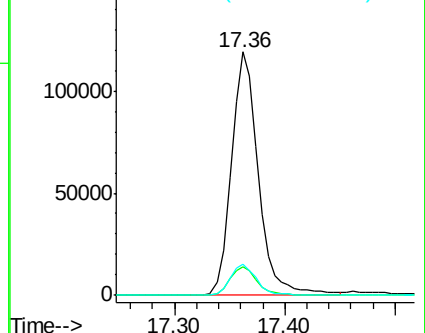
80 12.7 8.6 13.0



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: 21.62 min Scan# 3197

Delta R.T. -0.02 min

Lab File: BG022505.D

Acq: 23 Jun 2016 5:09

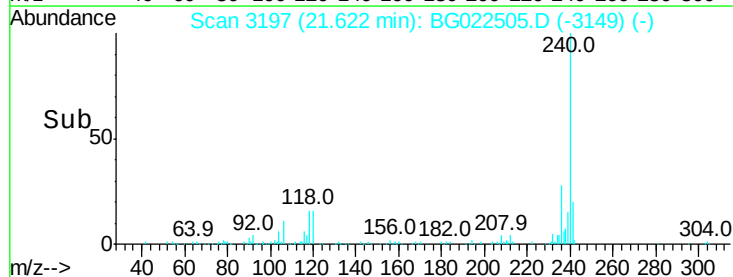
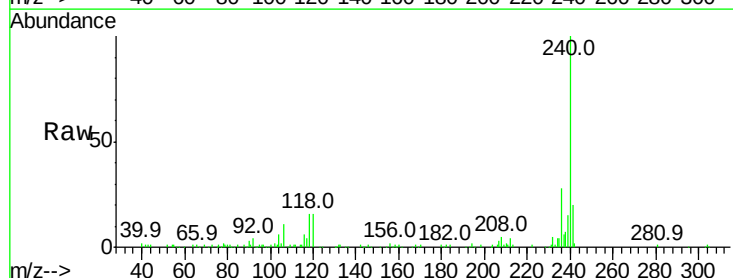
Tgt Ion:240 Resp: 120118

Ion Ratio Lower Upper

240 100

120 16.3 8.4 12.6#

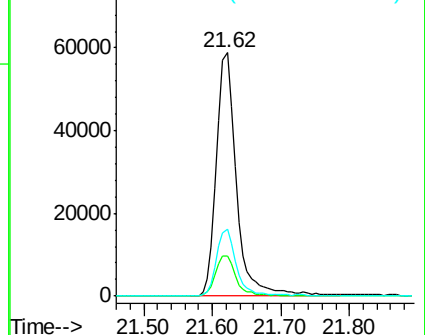
236 27.7 19.6 29.4

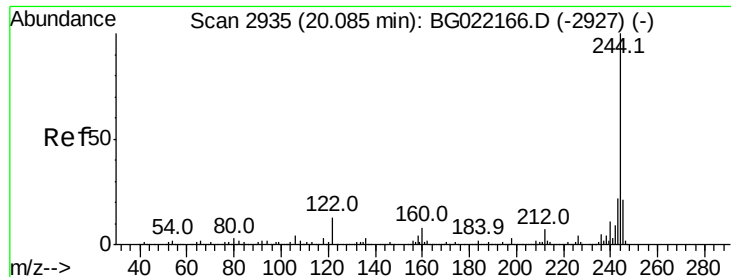


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 135.55 ng

RT: 19.96 min Scan# 2915

Delta R.T. -0.01 min

Lab File: BG022505.D

Acq: 23 Jun 2016 5:09

Instrument :

BNA_G

ClientSampleId :

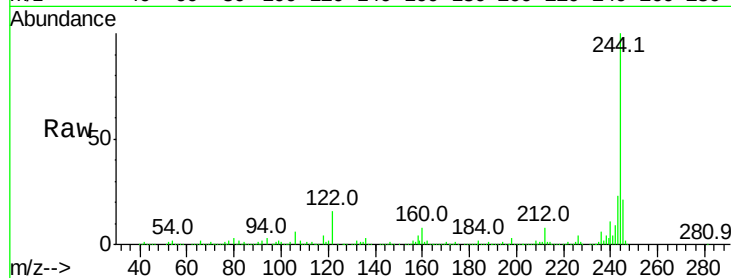
Tot Ion:244 Resp: 685816

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

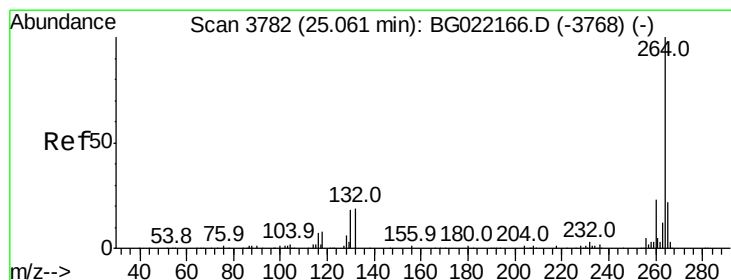
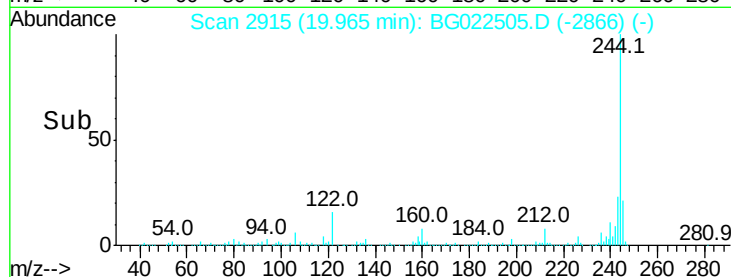
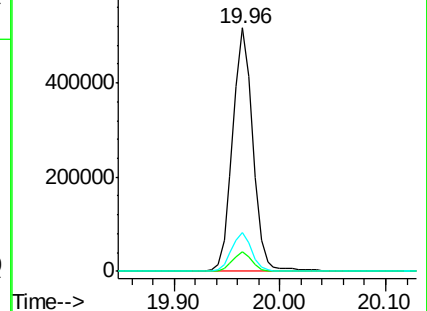
122 15.8 8.6 12.8#



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: 24.80 min Scan# 3738

Delta R.T. -0.04 min

Lab File: BG022505.D

Acq: 23 Jun 2016 5:09

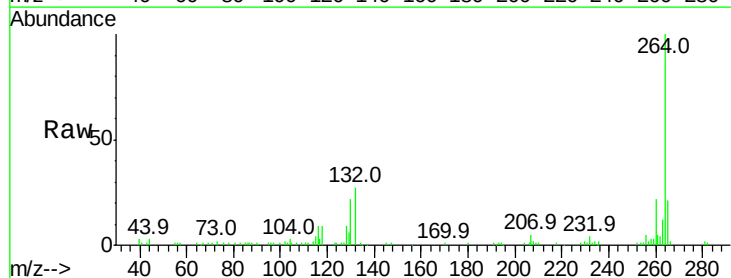
Tgt Ion:264 Resp: 109212

Ion Ratio Lower Upper

264 100

260 22.2 20.2 30.4

265 20.8 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

