

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020818\
 Data File : BG032623.D
 Acq On : 8 Feb 2018 23:04
 Operator : SJ/JU
 Sample : J1473-40
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B10

Quant Time: Feb 09 03:38:37 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 18:57:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	31830	20.00	ng	-0.03
21) Naphthalene-d8	11.56	136	126961	20.00	ng	-0.03
38) Acenaphthene-d10	15.32	164	99492	20.00	ng	-0.02
63) Phenanthrene-d10	18.06	188	284583	20.00	ng	-0.02
75) Chrysene-d12	22.39	240	323812	20.00	ng	-0.02
86) Perylene-d12	26.06	264	246050	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.13	112	229581	144.87	ng	-0.02
7) Phenol-d6	7.81	99	271979	128.61	ng	-0.02
23) Nitrobenzene-d5	9.88	82	208960	102.80	ng	-0.03
41) 2,4,6-Tribromophenol	16.80	330	270510	142.84	ng	-0.02
44) 2-Fluorobiphenyl	13.95	172	756763	90.41	ng	-0.02
78) Terphenyl-d14	20.60	244	1461578	96.69	ng	-0.01

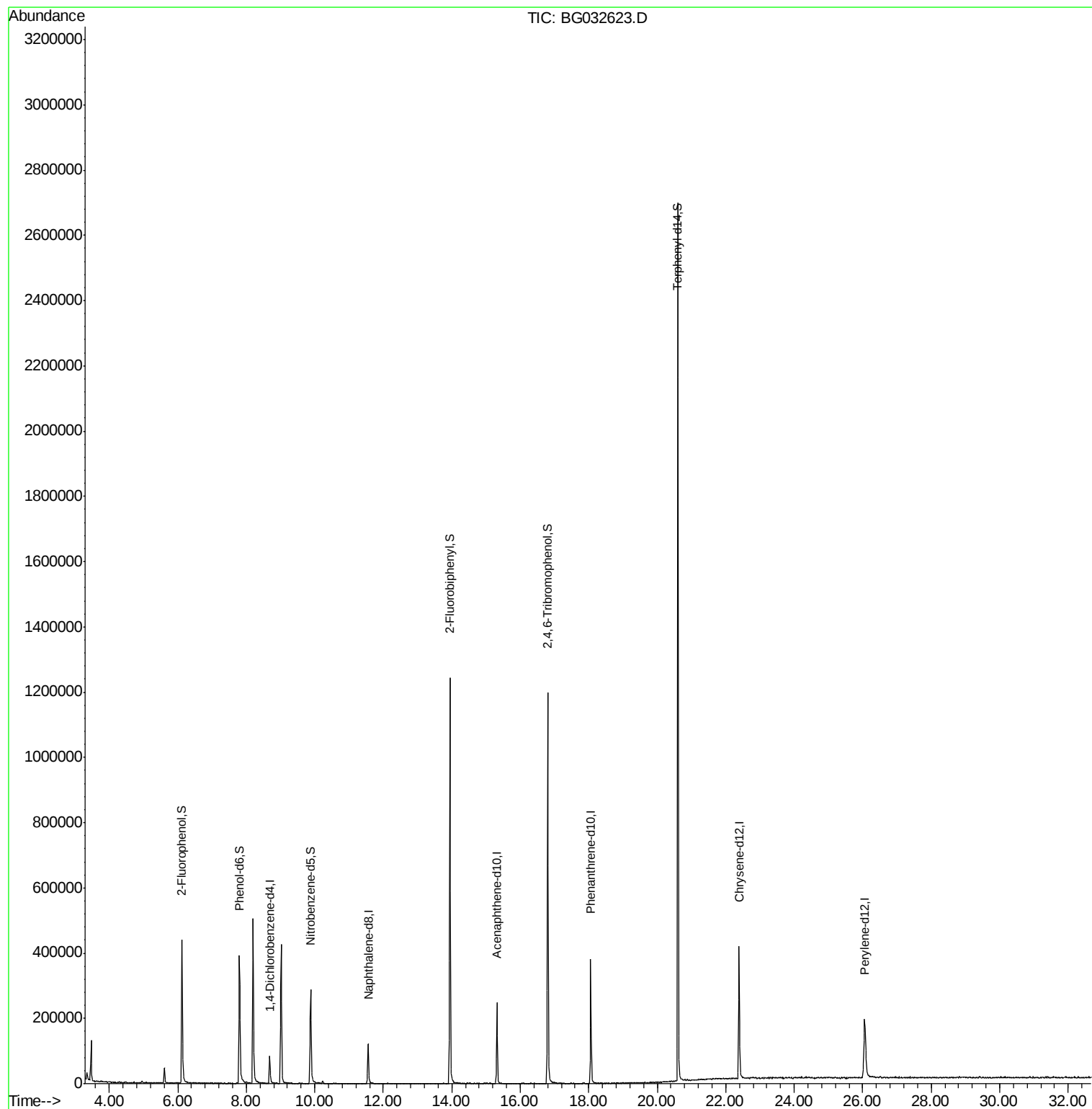
Target Compounds Qvalue

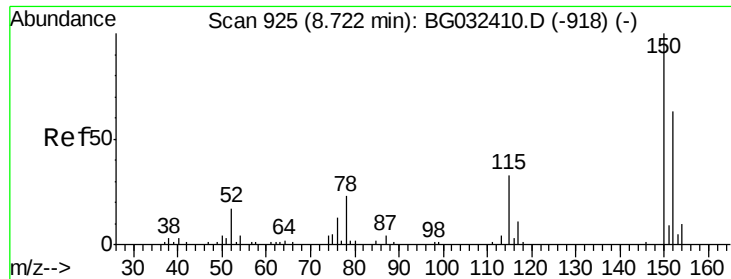
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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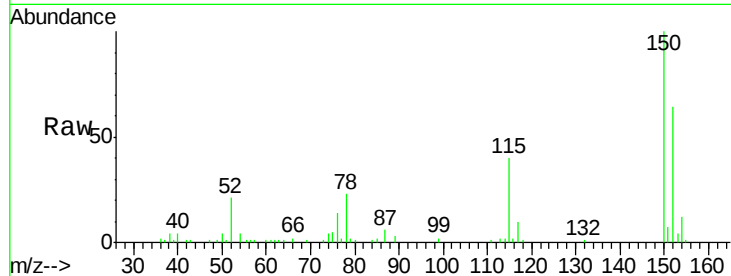


#1

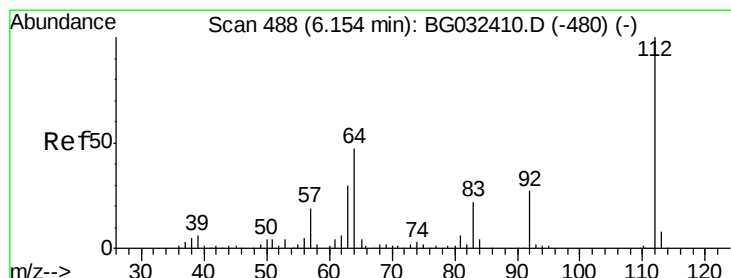
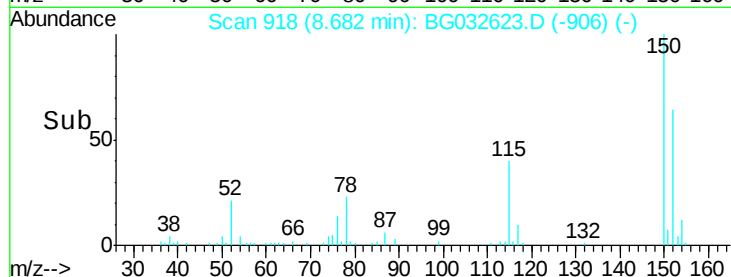
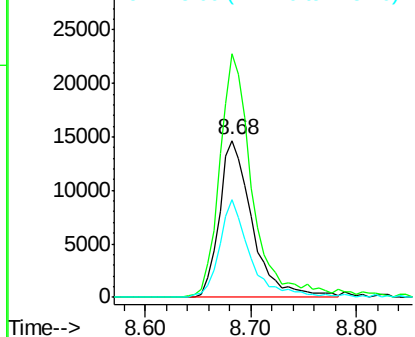
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.68 min Scan# 918
Delta R.T. -0.03 min
Lab File: BG032623.D
Acq: 8 Feb 2018 23:04

Instrument :
BNA_G
ClientSampleId :
B10

Tot Ion:152 Resp: 31830
Ion Ratio Lower Upper
152 100
150 155.4 126.6 189.8
115 62.1 53.0 79.4



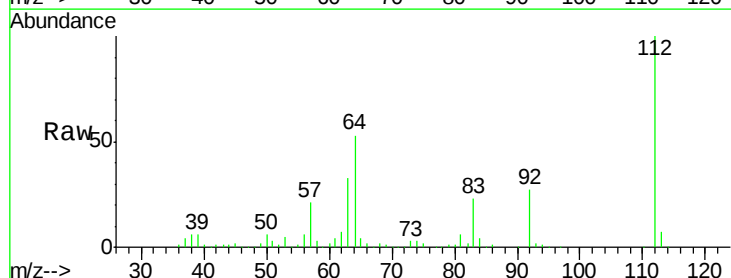
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



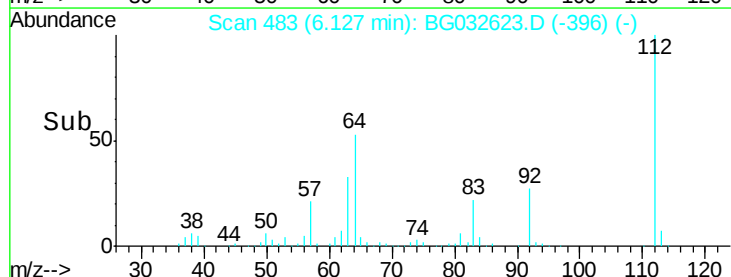
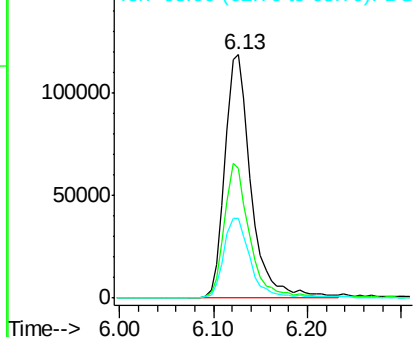
#5

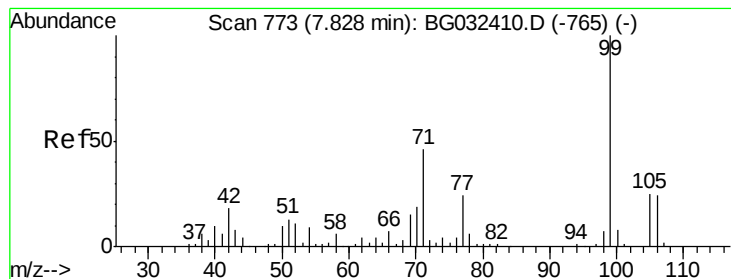
2-Fluorophenol
Concen: 144.872 ng
RT: 6.13 min Scan# 483
Delta R.T. -0.02 min
Lab File: BG032623.D
Acq: 8 Feb 2018 23:04

Tgt Ion:112 Resp: 229581
Ion Ratio Lower Upper
112 100
64 53.3 56.3 84.5#
63 33.0 30.1 45.1



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: 128.615 ng

RT: 7.81 min Scan# 769

Delta R.T. -0.02 min

Lab File: BG032623.D

Acq: 8 Feb 2018 23:04

Instrument :

BNA_G

ClientSampleId :

B10

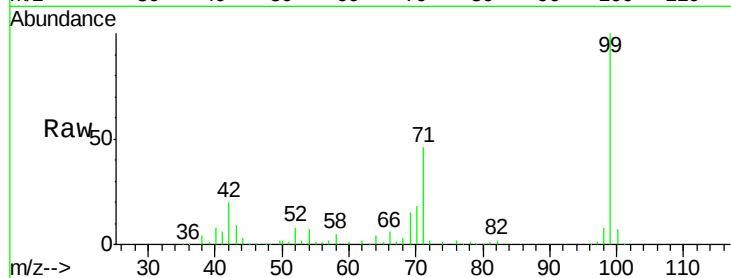
Tot Ion: 99 Resp: 271979

Ion Ratio Lower Upper

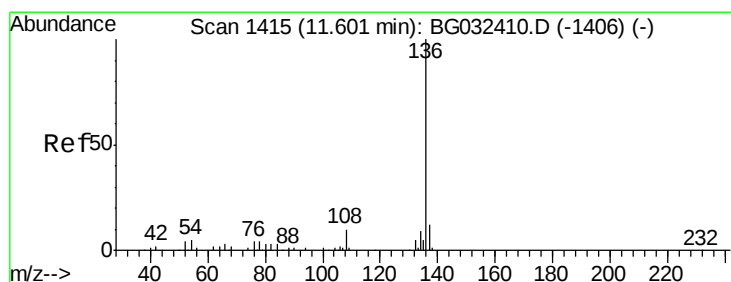
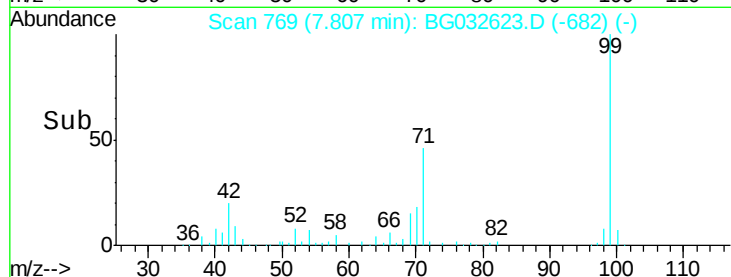
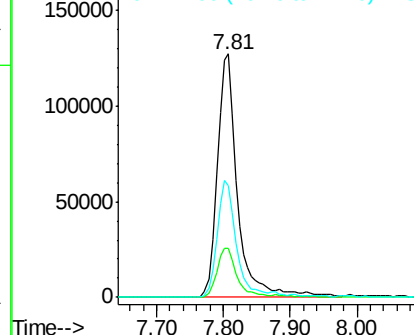
99 100

42 20.1 14.1 21.1

71 46.1 26.1 39.1#



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: 20.000 ng

RT: 11.56 min Scan# 1407

Delta R.T. -0.03 min

Lab File: BG032623.D

Acq: 8 Feb 2018 23:04

Tgt Ion:136 Resp: 126961

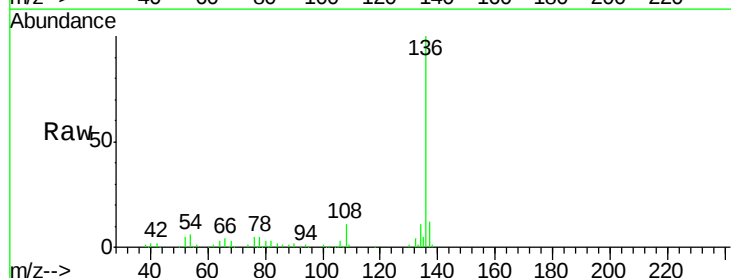
Ion Ratio Lower Upper

136 100

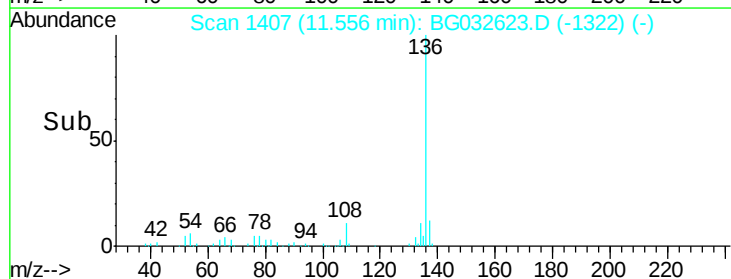
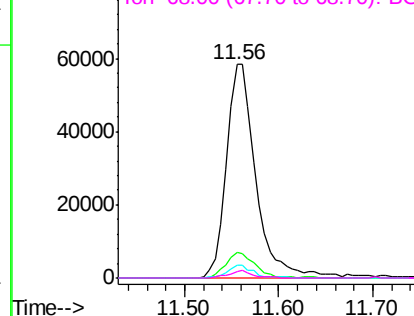
137 12.1 9.2 13.8

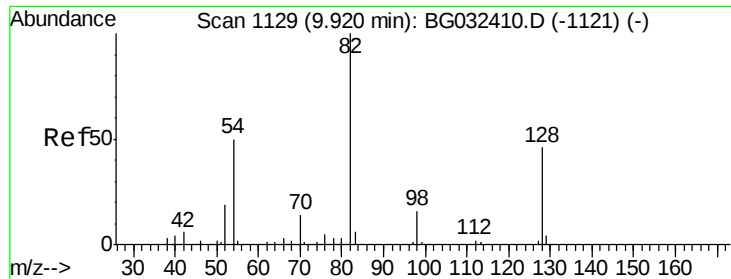
54 5.7 10.3 15.5#

68 3.0 4.5 6.7#



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

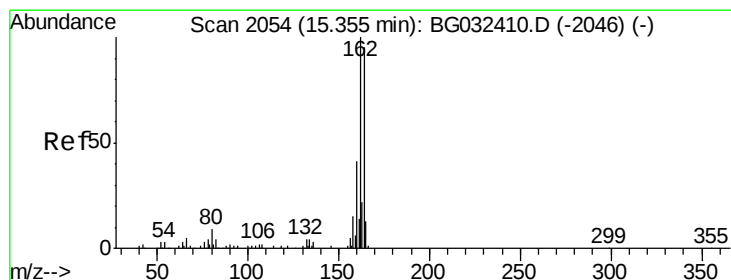
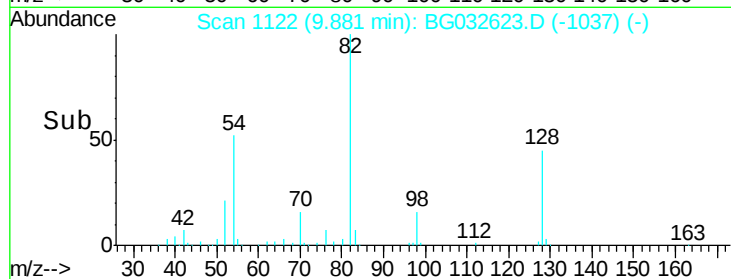
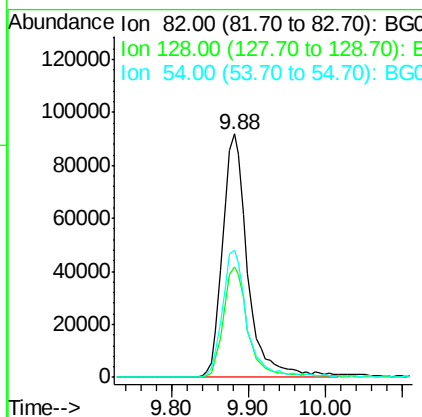
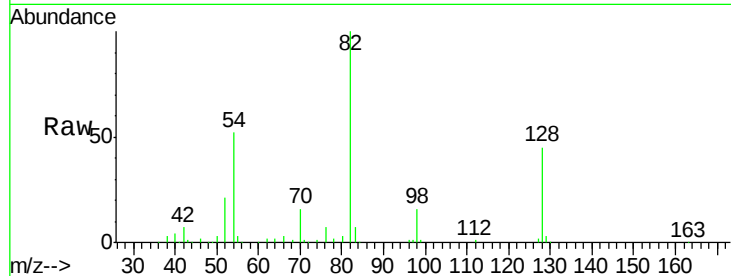




#23
 Nitrobenzene-d5
 Concen: 102.801 ng
 RT: 9.88 min Scan# 1122
 Delta R.T. -0.03 min
 Lab File: BG032623.D
 Acq: 8 Feb 2018 23:04

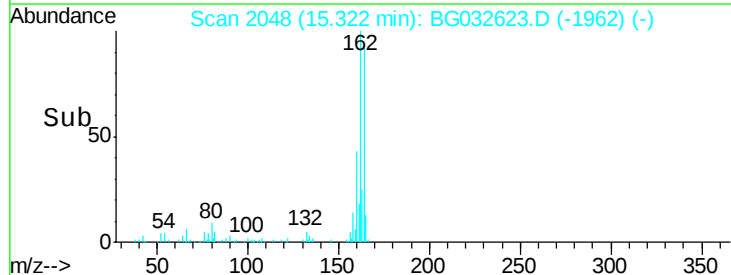
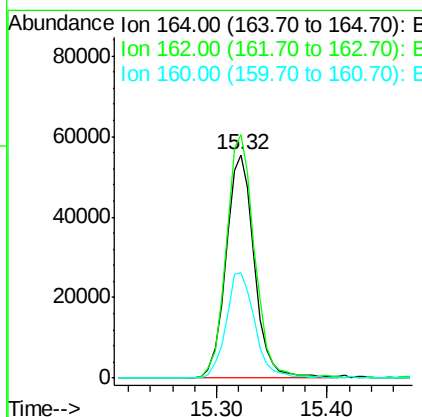
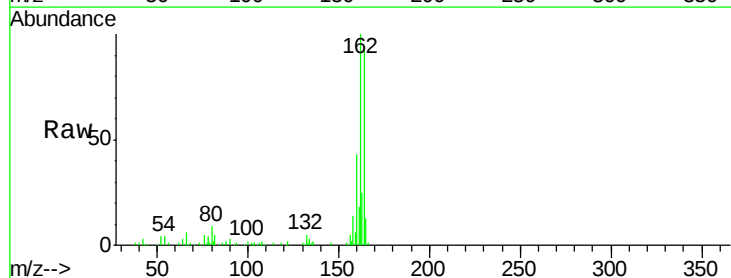
Instrument :
 BNA_G
 ClientSampleId :
 B10

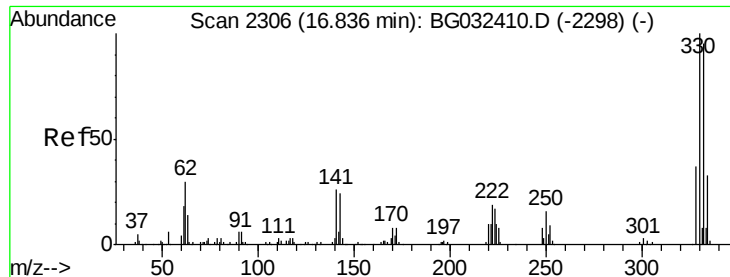
Tot Ion	82	Resp	208960
Ion Ratio	Lower	Upper	
82	100		
128	45.5	29.7	44.5#
54	52.1	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2048
 Delta R.T. -0.02 min
 Lab File: BG032623.D
 Acq: 8 Feb 2018 23:04

Tgt Ion	164	Resp	99492
Ion Ratio	Lower	Upper	
164	100		
162	108.9	78.8	118.2
160	47.1	35.4	53.0

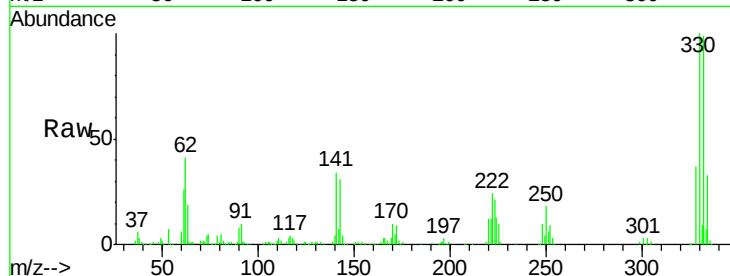




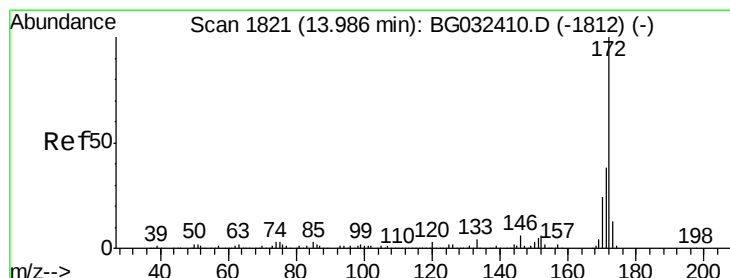
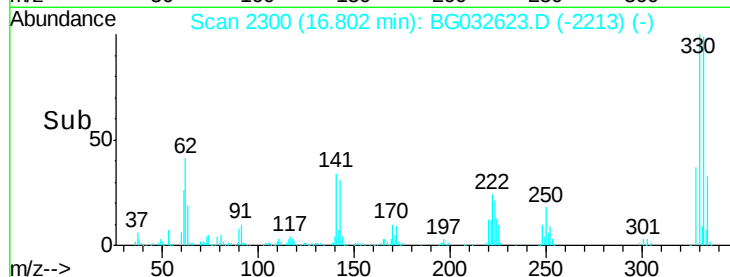
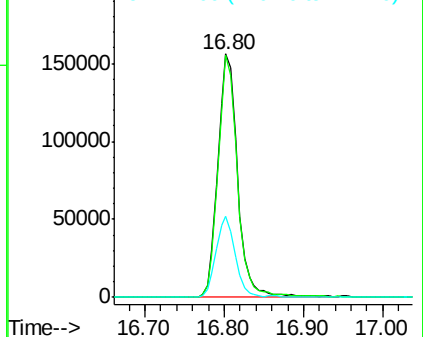
#41
 2,4,6-Tribromophenol
 Concen: 142.837 ng
 RT: 16.80 min Scan# 2300
 Delta R.T. -0.02 min
 Lab File: BG032623.D
 Acq: 8 Feb 2018 23:04

Instrument :
 BNA_G
 ClientSampled :
 B10

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	32.2	25.2	37.8

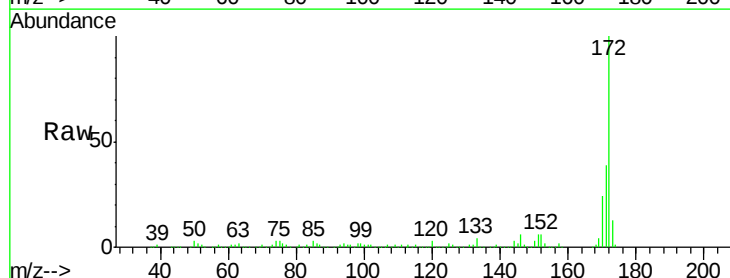


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

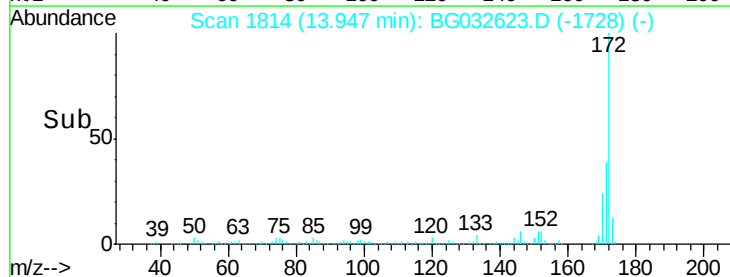
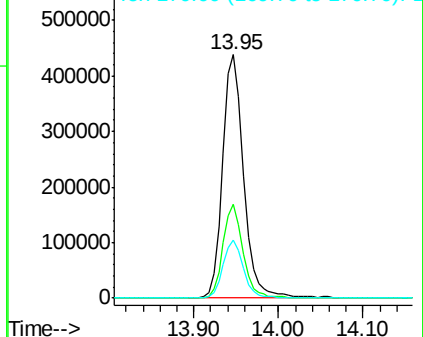


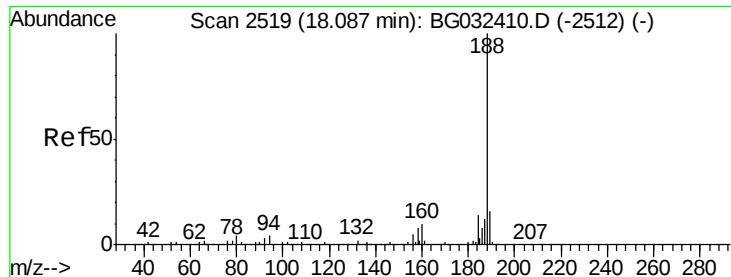
#44
 2-Fluorobiphenyl
 Concen: 90.406 ng
 RT: 13.95 min Scan# 1814
 Delta R.T. -0.02 min
 Lab File: BG032623.D
 Acq: 8 Feb 2018 23:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	30.0	45.0
170	24.0	19.5	29.3



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: 20.000 ng

RT: 18.06 min Scan# 2514

Delta R.T. -0.02 min

Lab File: BG032623.D

Acq: 8 Feb 2018 23:04

Instrument :

BNA_G

ClientSampleId :

B10

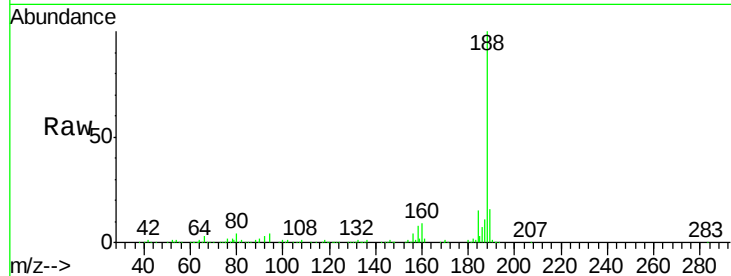
Tot Ion:188 Resp: 284583

Ion Ratio Lower Upper

188 100

94 3.8 6.9 10.3#

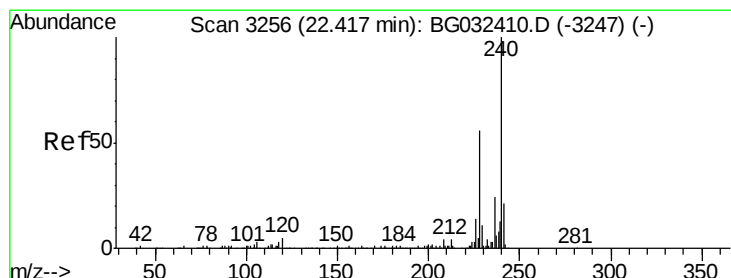
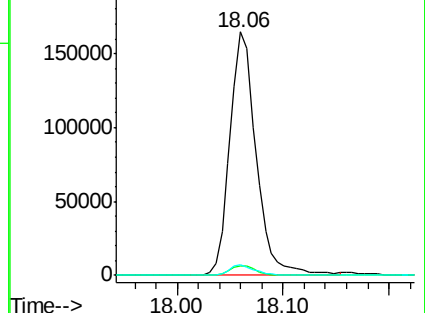
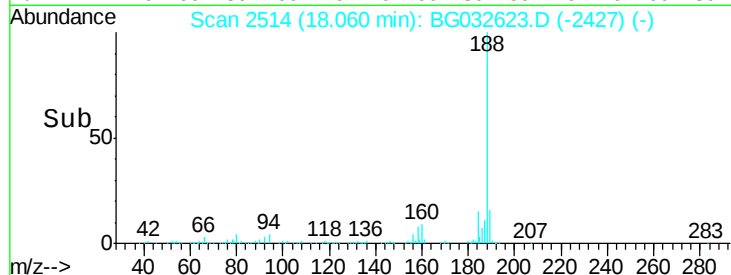
80 4.3 7.7 11.5#



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: 20.000 ng

RT: 22.39 min Scan# 3251

Delta R.T. -0.02 min

Lab File: BG032623.D

Acq: 8 Feb 2018 23:04

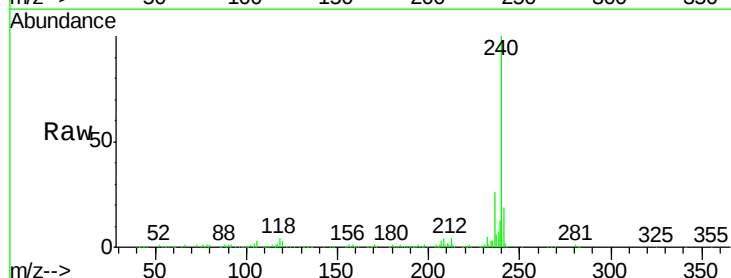
Tgt Ion:240 Resp: 323812

Ion Ratio Lower Upper

240 100

120 3.4 6.8 10.2#

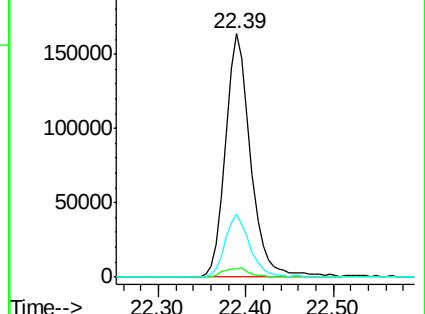
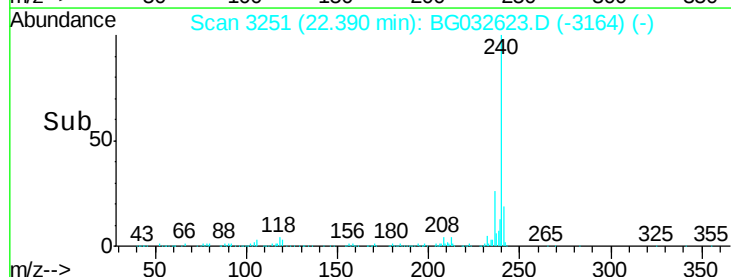
236 25.9 20.9 31.3

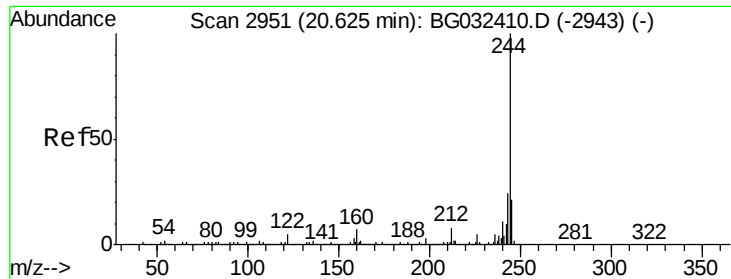


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

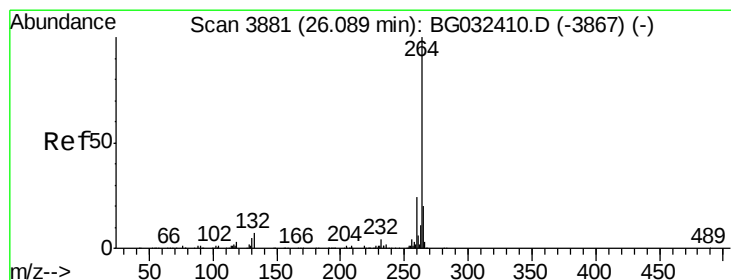
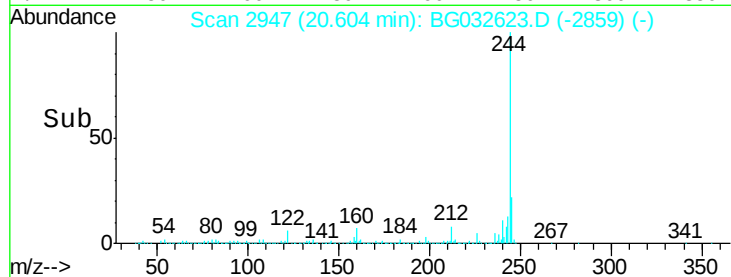
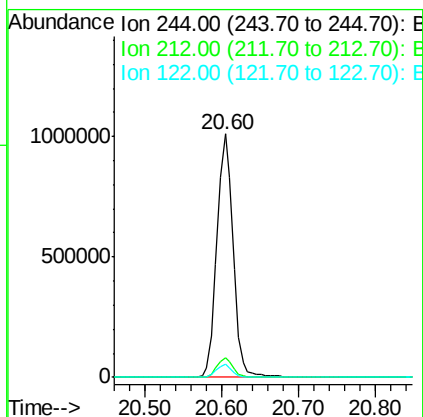
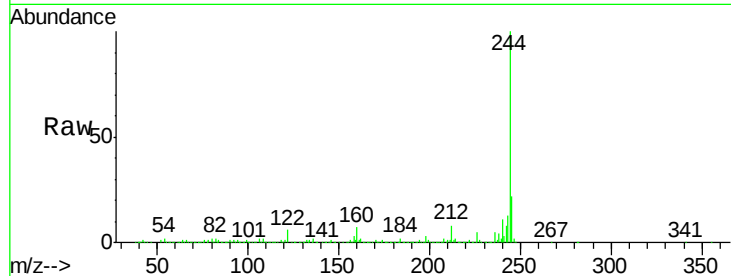




#78
 Terphenyl-d14
 Concen: 96.686 ng
 RT: 20.60 min Scan# 2947
 Delta R.T. -0.01 min
 Lab File: BG032623.D
 Acq: 8 Feb 2018 23:04

Instrument :
 BNA_G
 ClientSampleId :
 B10

Tot Ion:244 Resp: 1461578
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.8 8.8
 122 5.5 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.06 min Scan# 3876
 Delta R.T. -0.00 min
 Lab File: BG032623.D
 Acq: 8 Feb 2018 23:04

Tgt Ion:264 Resp: 246050
 Ion Ratio Lower Upper
 264 100
 260 24.2 17.4 26.0
 265 21.8 17.7 26.5

