

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021418\
 Data File : BG032703.D
 Acq On : 15 Feb 2018 6:31
 Operator : SJ/JU
 Sample : J1530-43
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-03

Quant Time: Feb 15 07:28:51 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 12 18:08:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	27755	20.00	ng	-0.02
21) Naphthalene-d8	11.53	136	121885	20.00	ng	-0.02
38) Acenaphthene-d10	15.30	164	86073	20.00	ng	-0.01
63) Phenanthrene-d10	18.03	188	232380	20.00	ng	-0.02
75) Chrysene-d12	22.35	240	310863	20.00	ng	-0.02
86) Perylene-d12	25.98	264	286061	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.10	112	198665	143.61	ng	-0.01
7) Phenol-d6	7.78	99	207797	109.85	ng	-0.01
23) Nitrobenzene-d5	9.86	82	151901	79.21	ng	-0.02
41) 2,4,6-Tribromophenol	16.77	330	222573	167.94	ng	-0.02
44) 2-Fluorobiphenyl	13.92	172	626254	90.99	ng	-0.01
78) Terphenyl-d14	20.58	244	1452398	106.49	ng	0.00

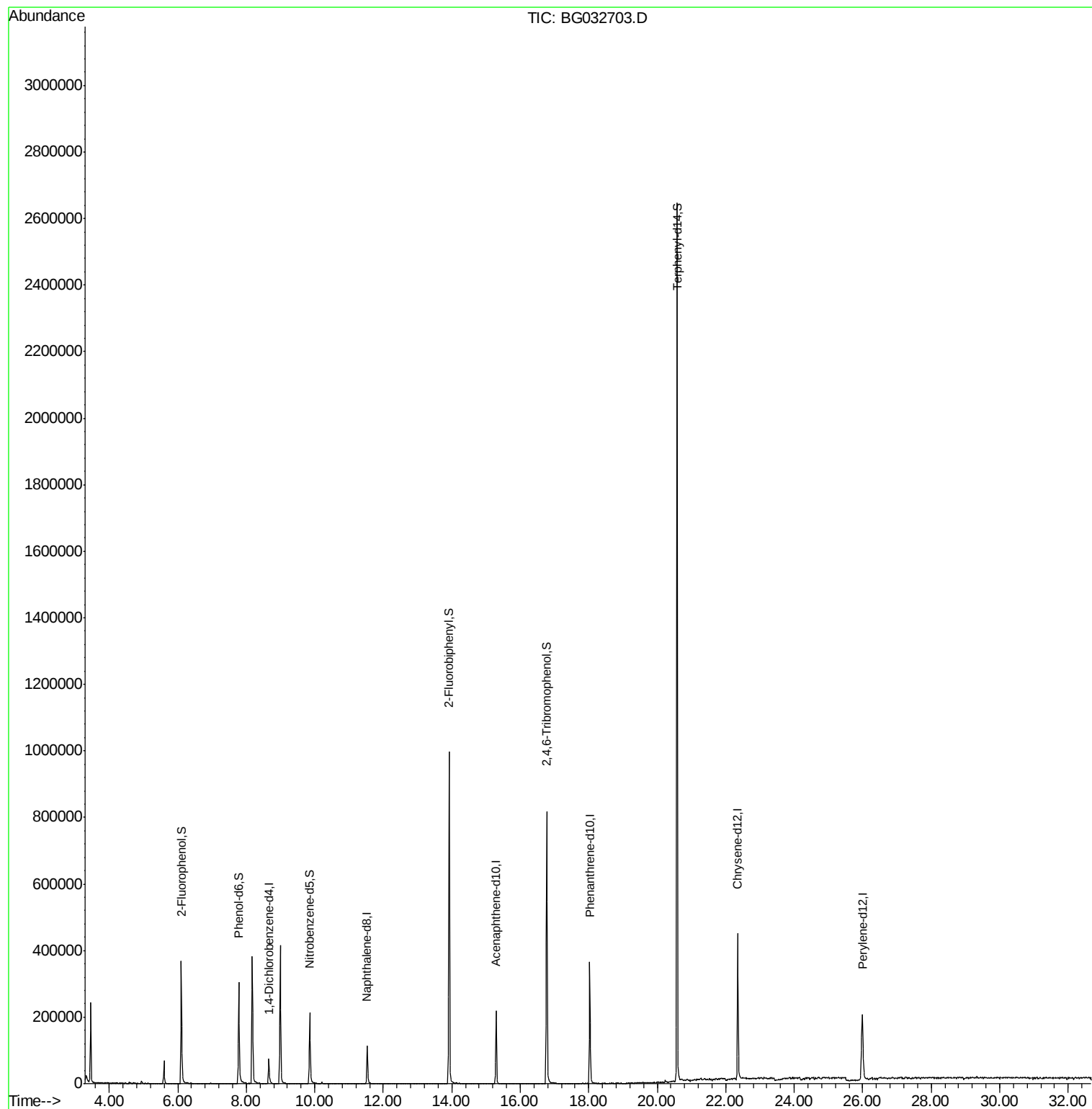
Target Compounds Qvalue

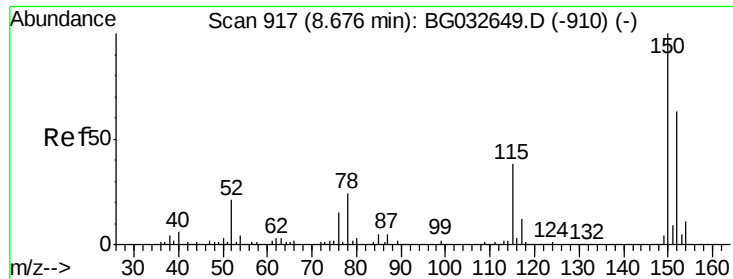
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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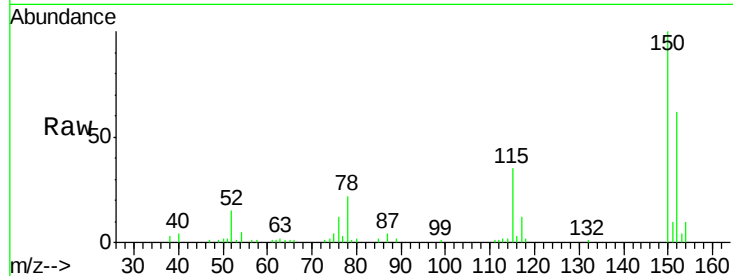


#1

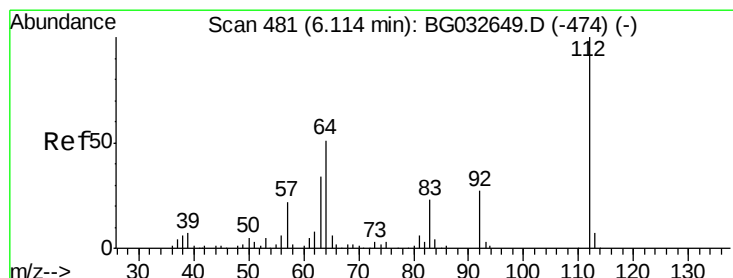
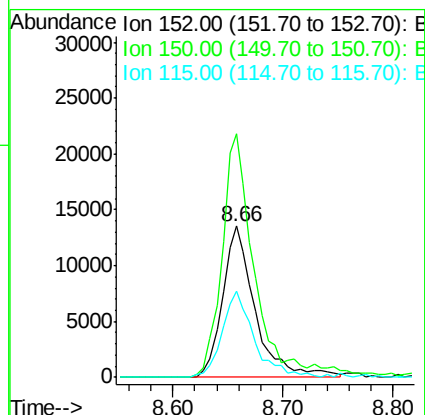
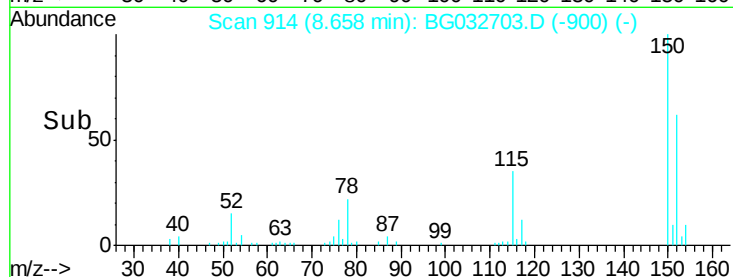
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.66 min Scan# 914
Delta R.T. -0.02 min
Lab File: BG032703.D
Acq: 15 Feb 2018 6:31

Instrument :
BNA_G
ClientSampleId :
WC-03

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.0	126.6	189.8
115	57.1	53.0	79.4



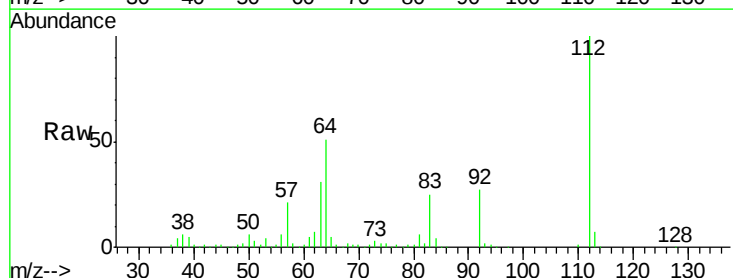
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



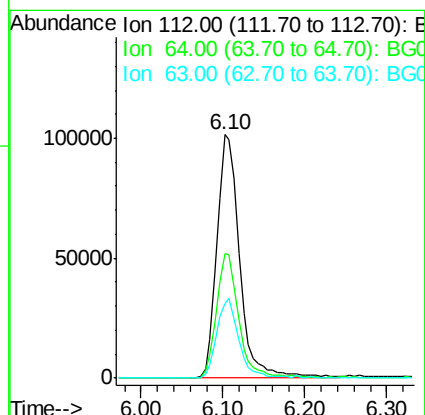
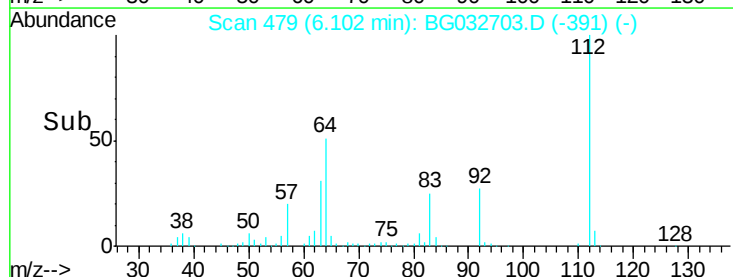
#5

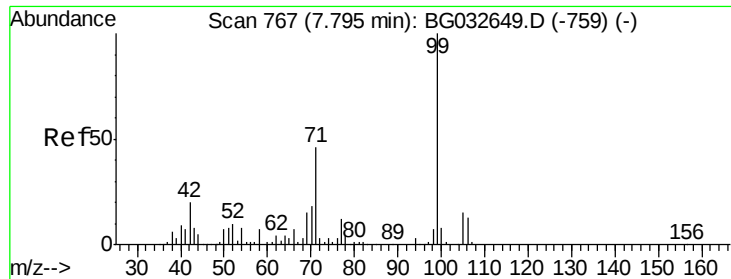
2-Fluorophenol
Concen: 143.611 ng
RT: 6.10 min Scan# 479
Delta R.T. -0.01 min
Lab File: BG032703.D
Acq: 15 Feb 2018 6:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.9	56.3	84.5#
63	30.9	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: 109.853 ng

RT: 7.78 min Scan# 765

Delta R.T. -0.01 min

Lab File: BG032703.D

Acq: 15 Feb 2018 6:31

Instrument :

BNA_G

ClientSampleId :

WC-03

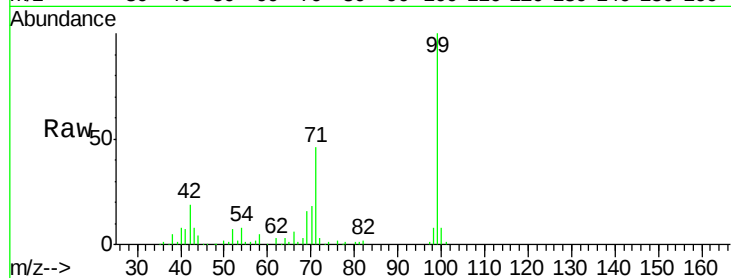
Tot Ion: 99 Resp: 207797

Ion Ratio Lower Upper

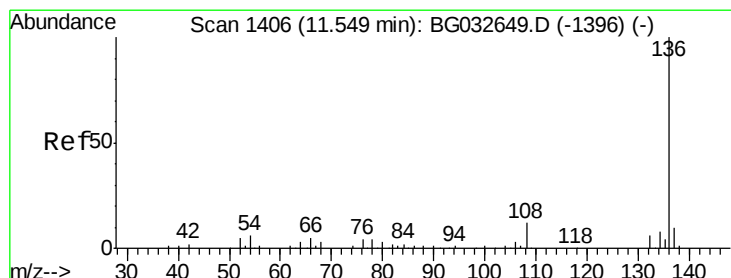
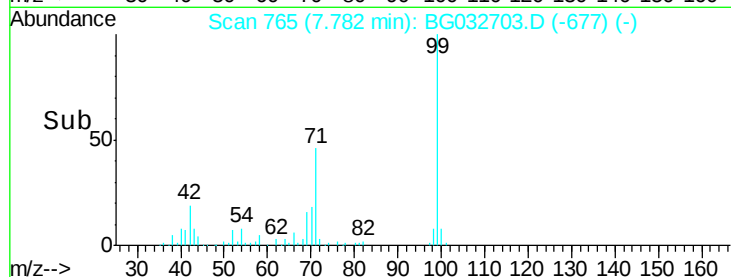
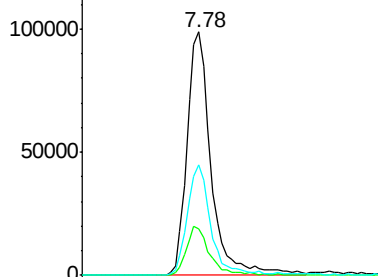
99 100

42 19.2 14.1 21.1

71 45.6 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: 11.53 min Scan# 1403

Delta R.T. -0.02 min

Lab File: BG032703.D

Acq: 15 Feb 2018 6:31

Tgt Ion: 136 Resp: 121885

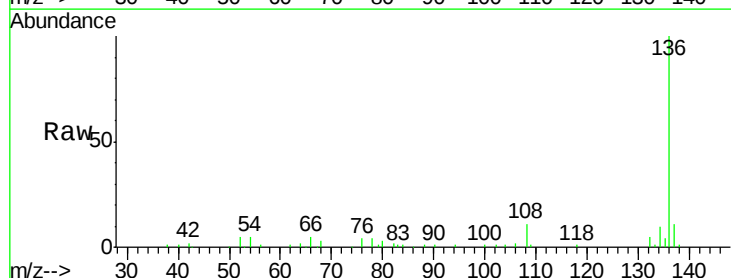
Ion Ratio Lower Upper

136 100

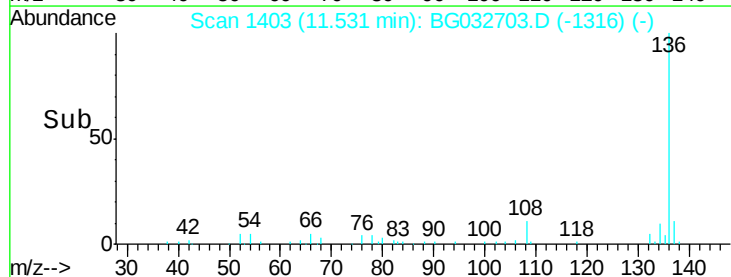
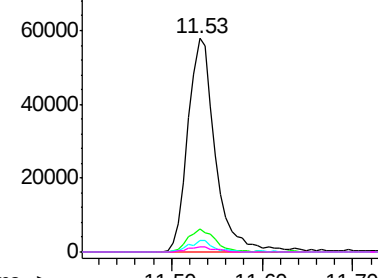
137 10.6 9.2 13.8

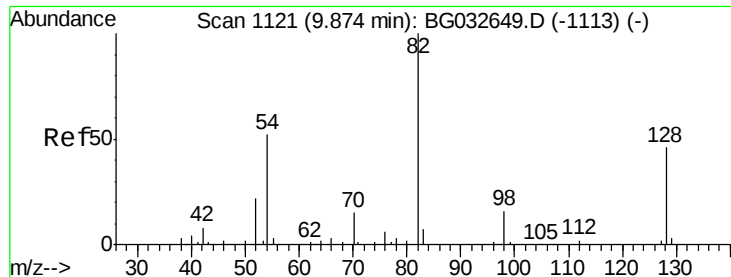
54 5.3 10.3 15.5#

68 2.7 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

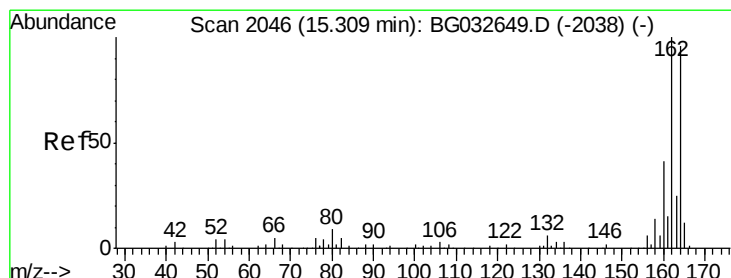
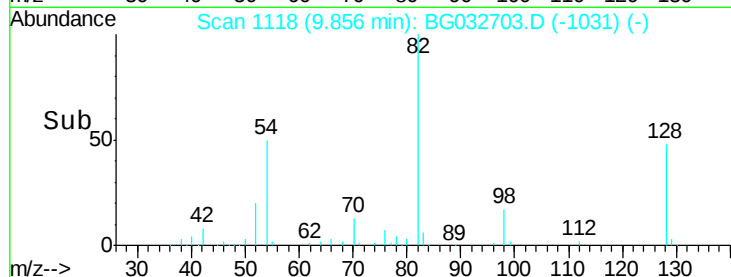
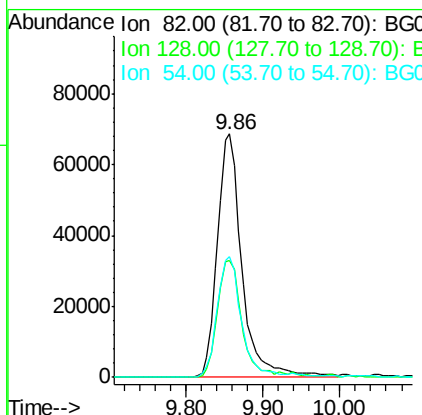
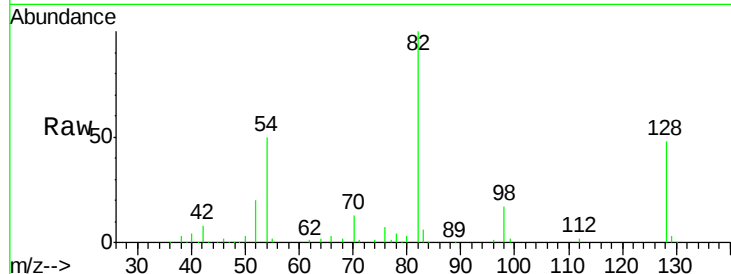




#23
Nitrobenzene-d5
Concen: 79.207 ng
RT: 9.86 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BG032703.D
Acq: 15 Feb 2018 6:31

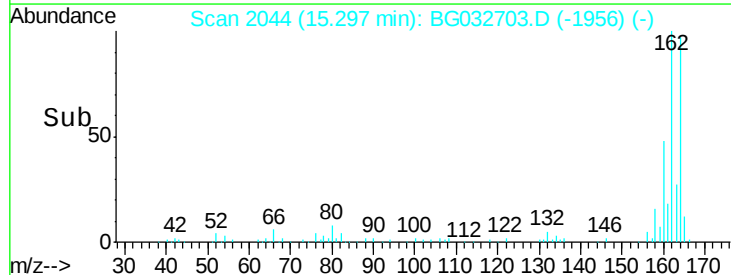
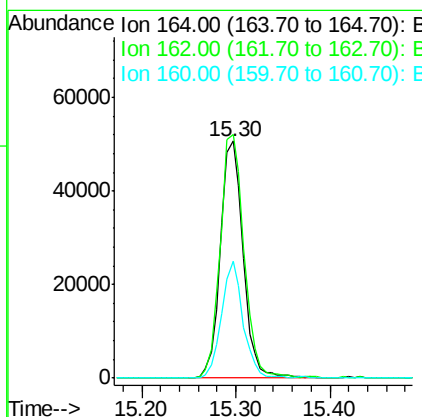
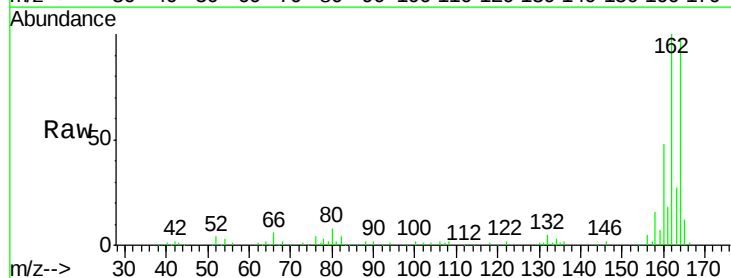
Instrument :
BNA_G
ClientSampled :
WC-03

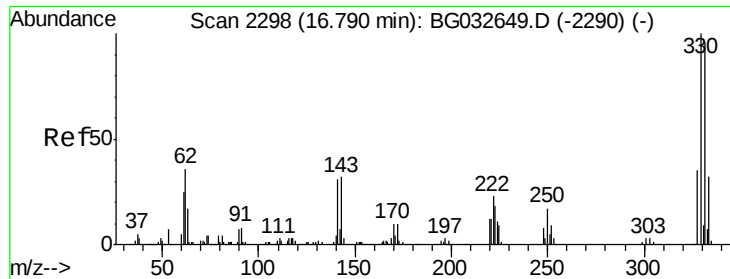
Tot Ion: 82 Resp: 151901
Ion Ratio Lower Upper
82 100
128 47.9 29.7 44.5#
54 49.6 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.30 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BG032703.D
Acq: 15 Feb 2018 6:31

Tgt Ion:164 Resp: 86073
Ion Ratio Lower Upper
164 100
162 102.9 78.8 118.2
160 49.3 35.4 53.0

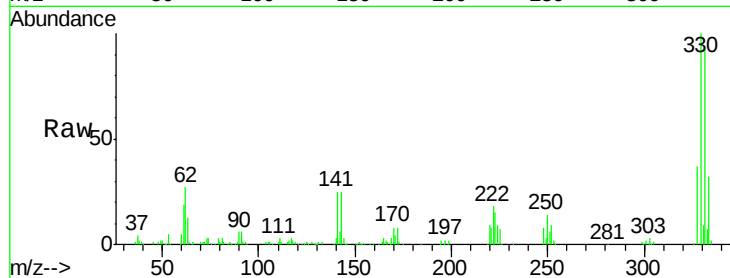




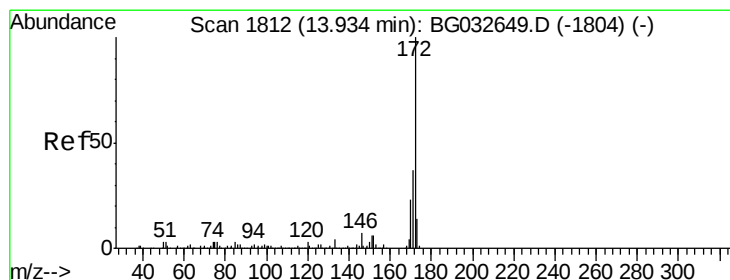
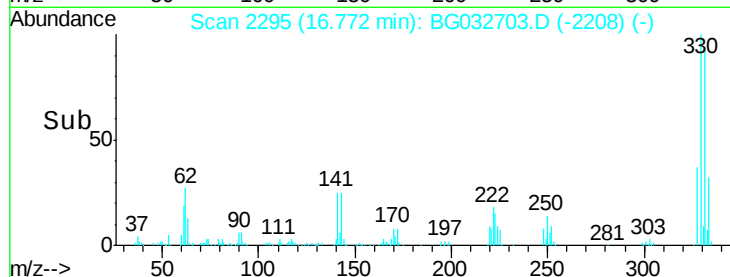
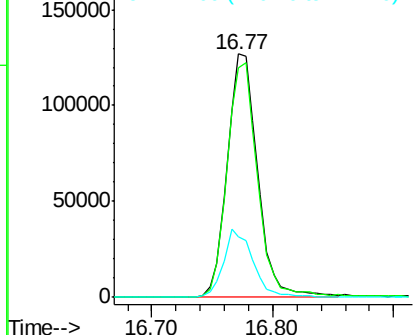
#41
 2,4,6-Tribromophenol
 Concen: 167.936 ng
 RT: 16.77 min Scan# 2295
 Delta R.T. -0.02 min
 Lab File: BG032703.D
 Acq: 15 Feb 2018 6:31

Instrument :
 BNA_G
 ClientSampleId :
 WC-03

Tot Ion:330 Resp: 222573
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 27.0 25.2 37.8

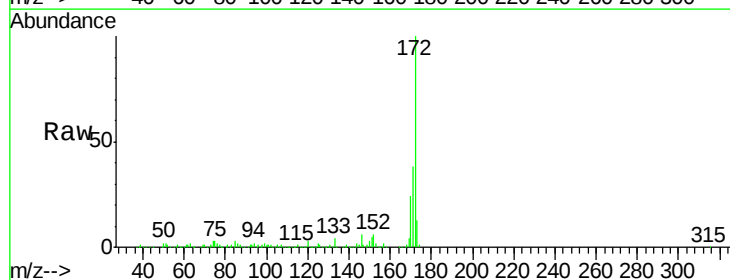


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

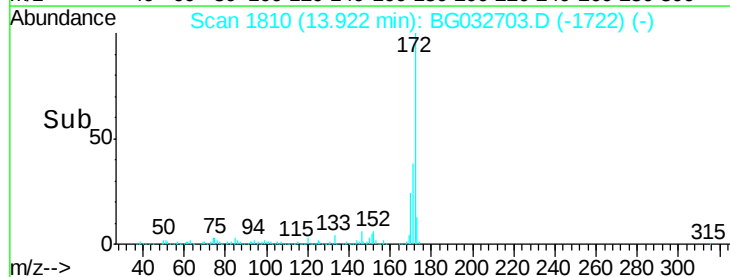
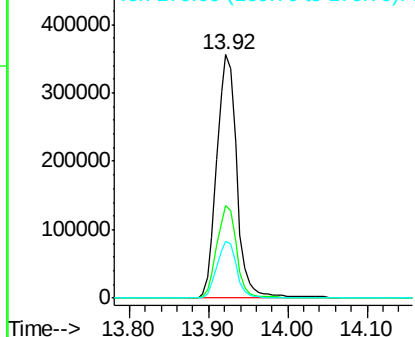


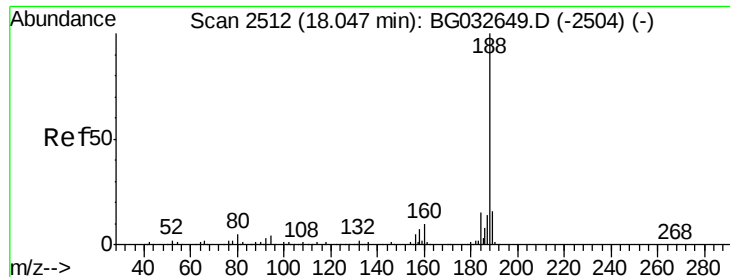
#44
 2-Fluorobiphenyl
 Concen: 90.987 ng
 RT: 13.92 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: BG032703.D
 Acq: 15 Feb 2018 6:31

Tgt Ion:172 Resp: 626254
 Ion Ratio Lower Upper
 172 100
 171 38.2 30.0 45.0
 170 23.5 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

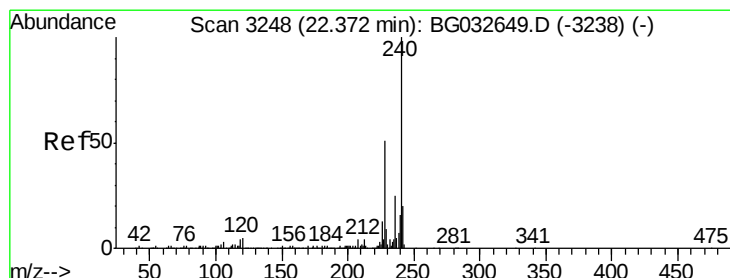
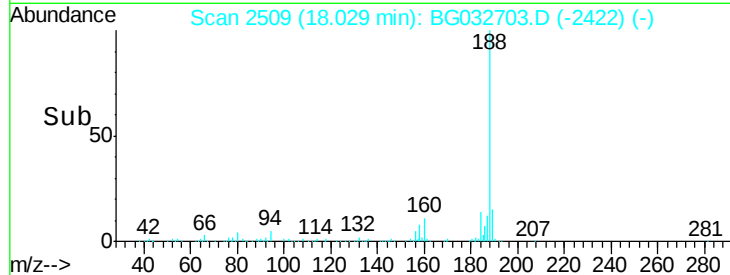
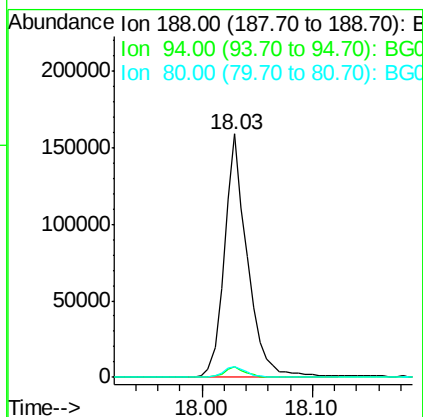
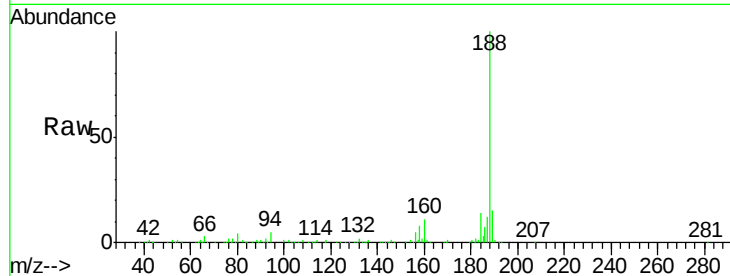




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.03 min Scan# 2509
Delta R.T. -0.02 min
Lab File: BG032703.D
Acq: 15 Feb 2018 6:31

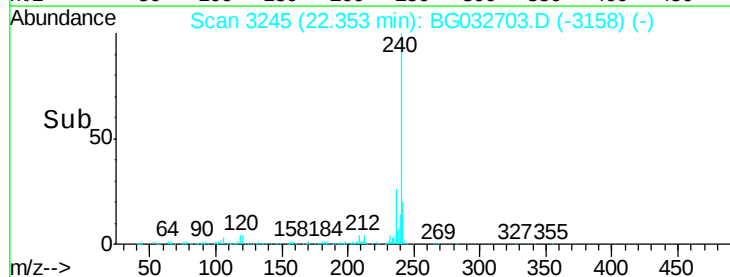
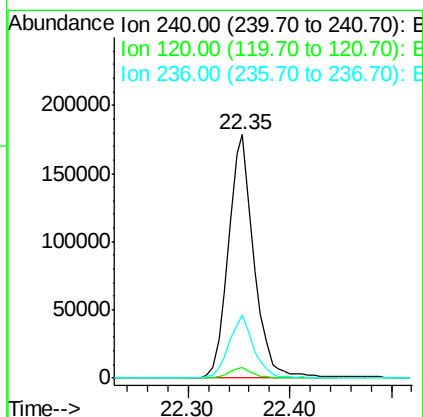
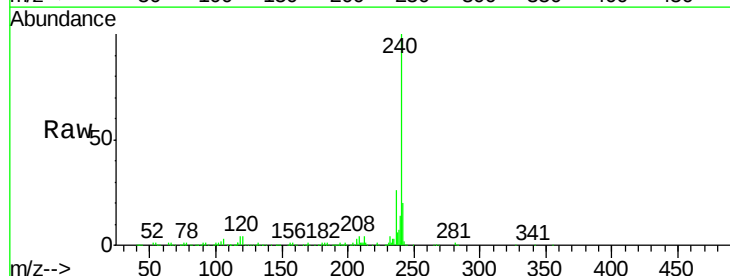
Instrument :
BNA_G
ClientSampleId :
WC-03

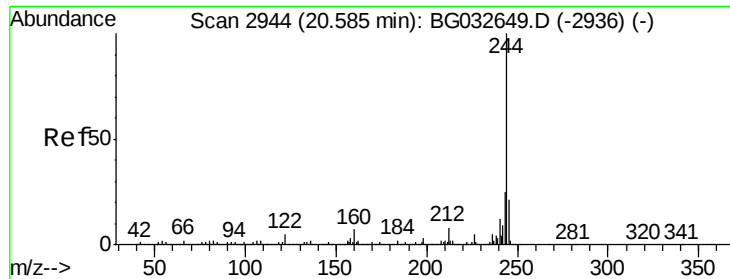
Tot Ion:188 Resp: 232380
Ion Ratio Lower Upper
188 100
94 4.5 6.9 10.3#
80 4.3 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.35 min Scan# 3245
Delta R.T. -0.02 min
Lab File: BG032703.D
Acq: 15 Feb 2018 6:31

Tgt Ion:240 Resp: 310863
Ion Ratio Lower Upper
240 100
120 4.3 6.8 10.2#
236 26.0 20.9 31.3





#78

Terphenyl-d14

Concen: 106.488 ng

RT: 20.58 min Scan# 2943

Delta R.T. -0.01 min

Lab File: BG032703.D

Acq: 15 Feb 2018 6:31

Instrument :

BNA_G

ClientSampled :

WC-03

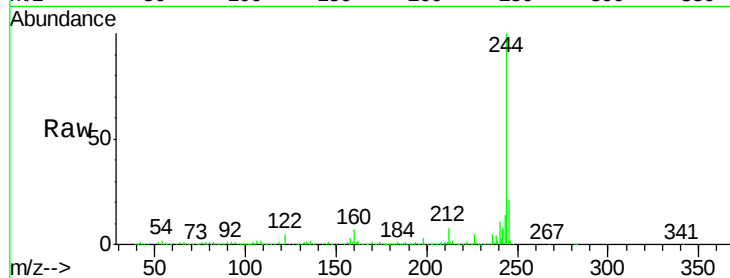
Tot Ion:244 Resp: 1452398

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

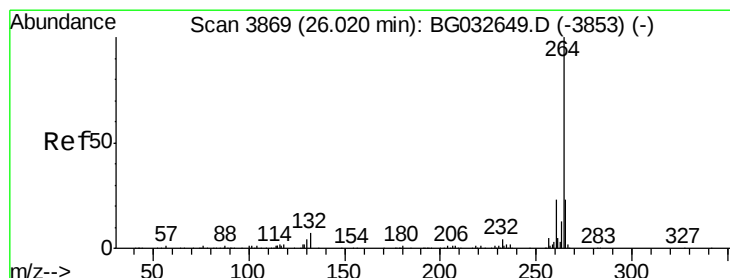
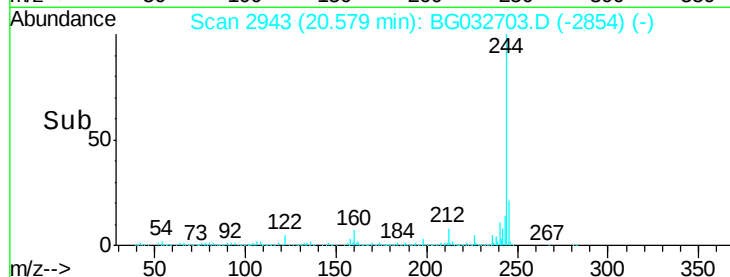
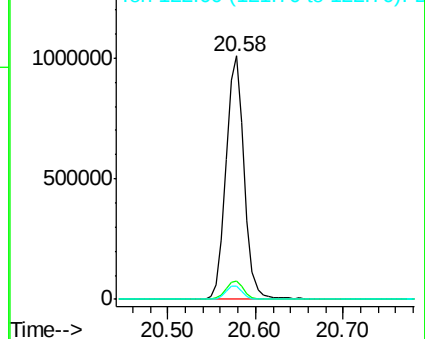
122 5.3 7.0 10.4#



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: 20.000 ng

RT: 25.98 min Scan# 3863

Delta R.T. -0.04 min

Lab File: BG032703.D

Acq: 15 Feb 2018 6:31

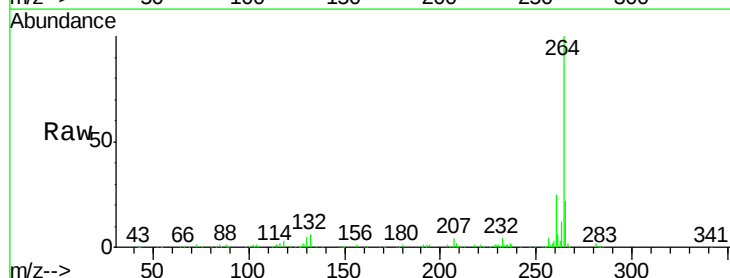
Tgt Ion:264 Resp: 286061

Ion Ratio Lower Upper

264 100

260 25.1 17.4 26.0

265 21.5 17.7 26.5



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

