

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012518\
 Data File : BG032321.D
 Acq On : 26 Jan 2018 9:09
 Operator : SJ/JU
 Sample : J1306-12
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC3

Quant Time: Jan 26 12:11:52 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 24 14:02:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	31526	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	127640	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	98624	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	282207	20.00	ng	0.00
75) Chrysene-d12	22.41	240	356213	20.00	ng	-0.01
86) Perylene-d12	26.10	264	379621	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	237340	137.69	ng	0.00
7) Phenol-d6	7.84	99	275709	127.00	ng	0.00
23) Nitrobenzene-d5	9.92	82	204575	108.43	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	277457	170.01	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	754325	94.84	ng	0.00
78) Terphenyl-d14	20.63	244	1642860	101.84	ng	0.00

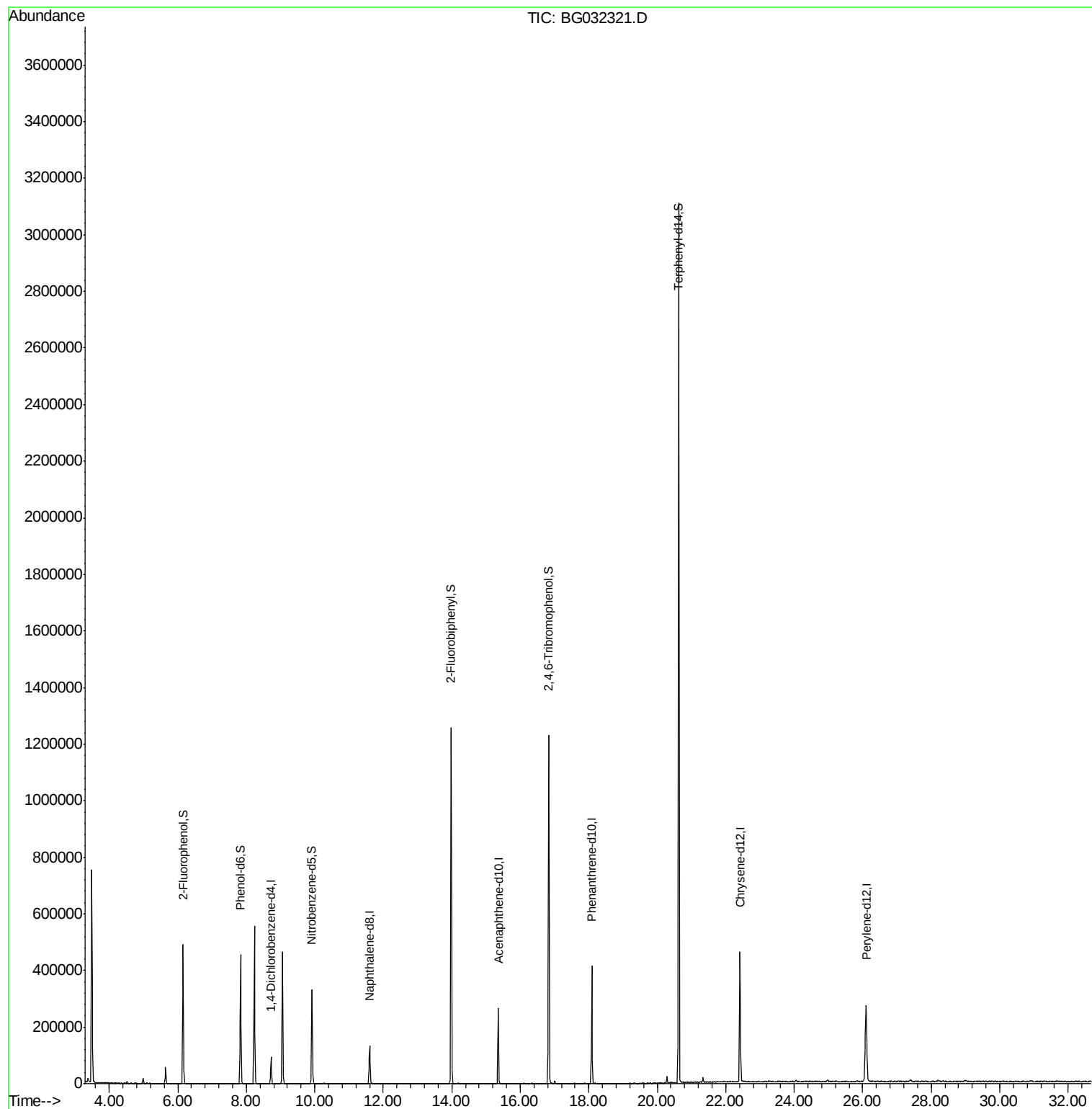
Target Compounds Qvalue

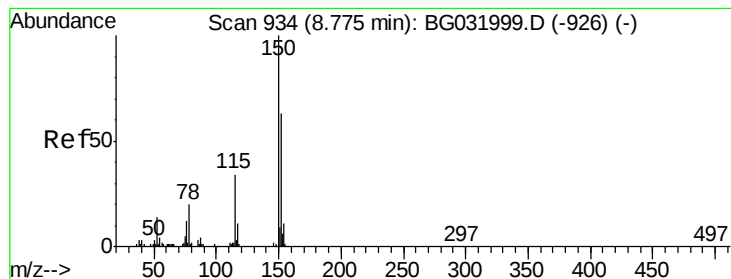
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.72 min Scan# 925

Delta R.T. -0.00 min

Lab File: BG032321.D

Acq: 26 Jan 2018 9:09

Instrument :

BNA_G

ClientSampleId :

WC3

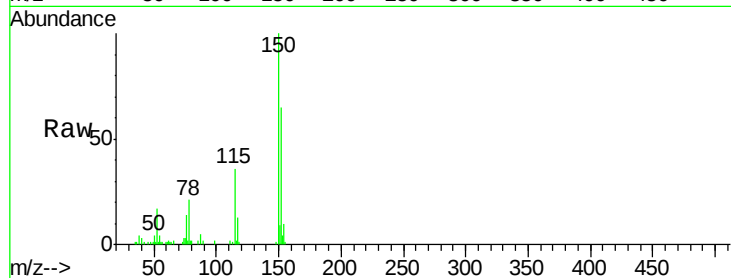
Tot Ion:152 Resp: 31526

Ion Ratio Lower Upper

152 100

150 154.7 126.6 189.8

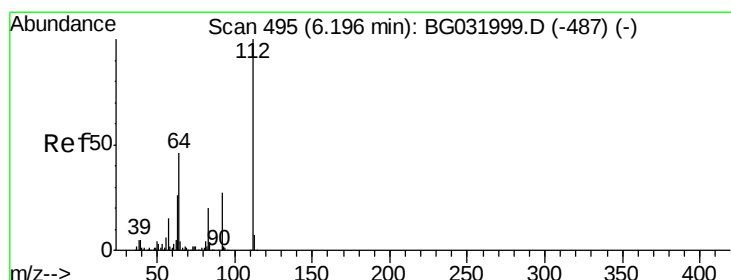
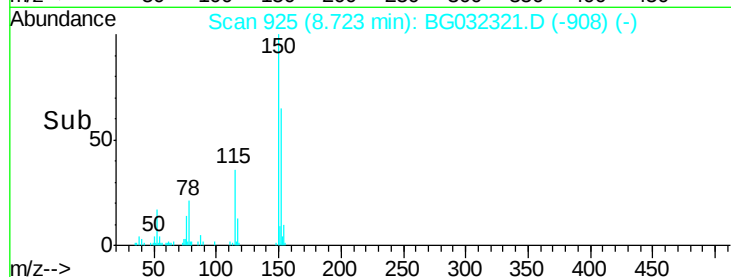
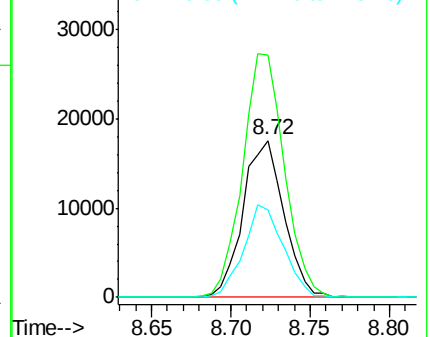
115 55.4 53.0 79.4



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: 137.689 ng

RT: 6.16 min Scan# 488

Delta R.T. -0.00 min

Lab File: BG032321.D

Acq: 26 Jan 2018 9:09

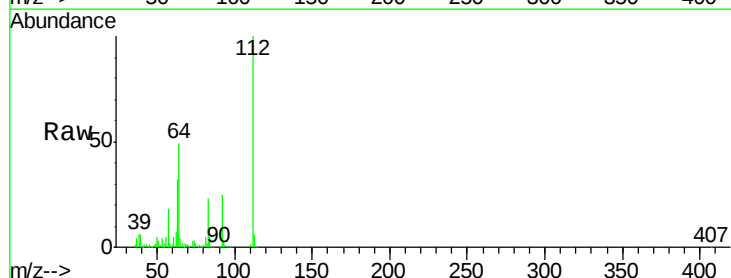
Tgt Ion:112 Resp: 237340

Ion Ratio Lower Upper

112 100

64 49.2 56.3 84.5#

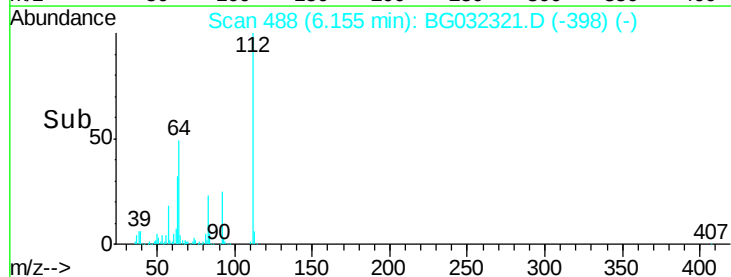
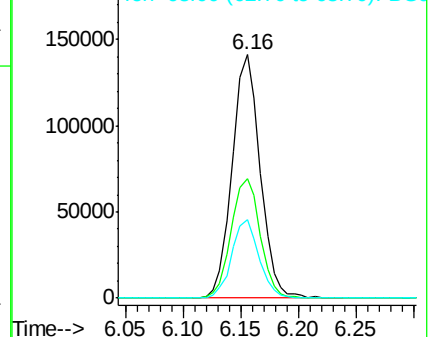
63 32.1 30.1 45.1

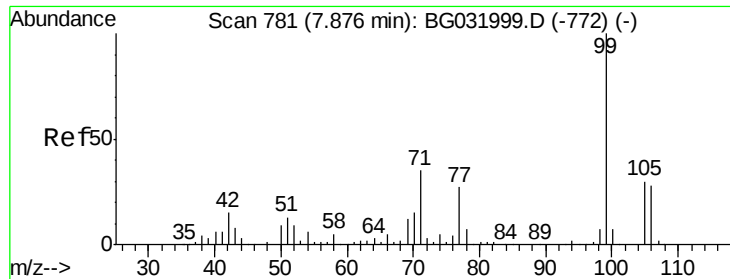


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 127.000 ng

RT: 7.84 min Scan# 774

Delta R.T. -0.00 min

Lab File: BG032321.D

Acq: 26 Jan 2018 9:09

Instrument :

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ClientSampleId :

WC3

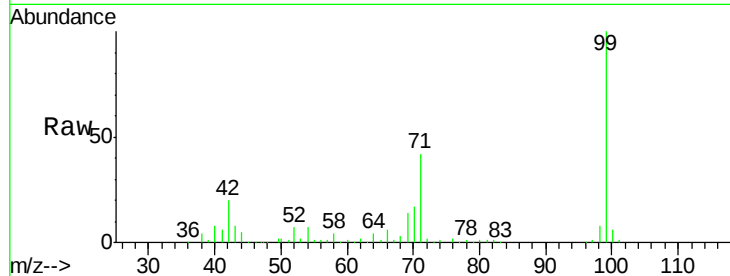
Tot Ion: 99 Resp: 275709

Ion Ratio Lower Upper

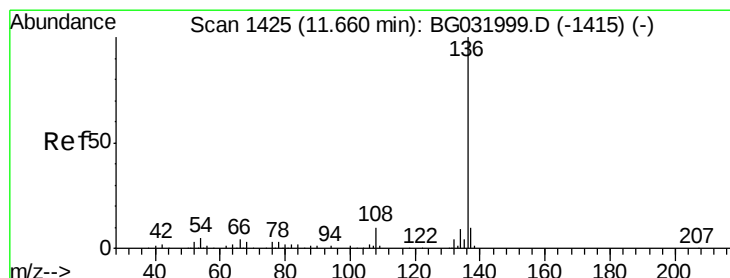
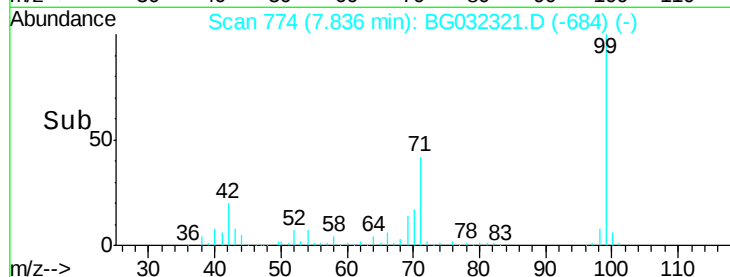
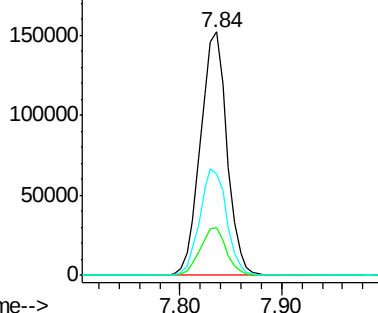
99 100

42 19.6 14.1 21.1

71 41.9 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: 11.60 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BG032321.D

Acq: 26 Jan 2018 9:09

Tgt Ion: 136 Resp: 127640

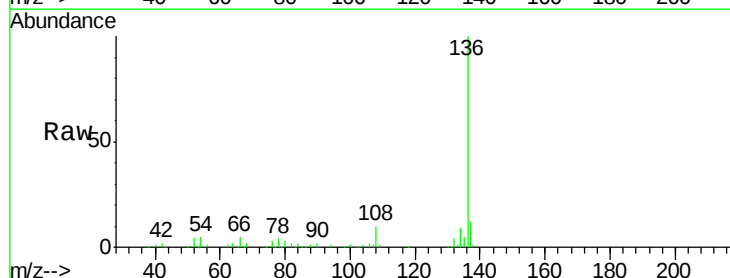
Ion Ratio Lower Upper

136 100

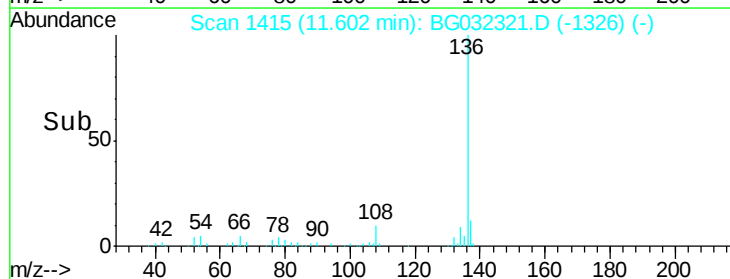
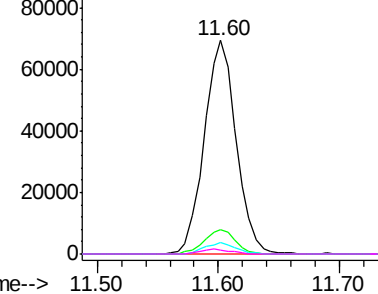
137 11.5 9.2 13.8

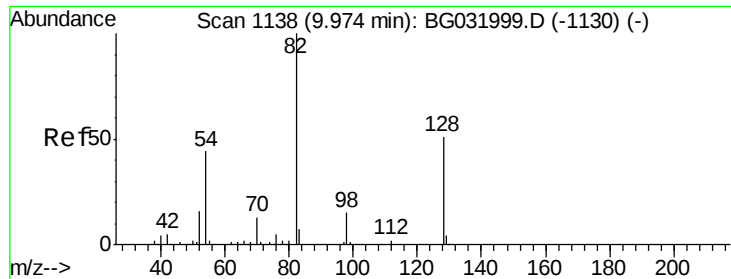
54 5.3 10.3 15.5#

68 2.0 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

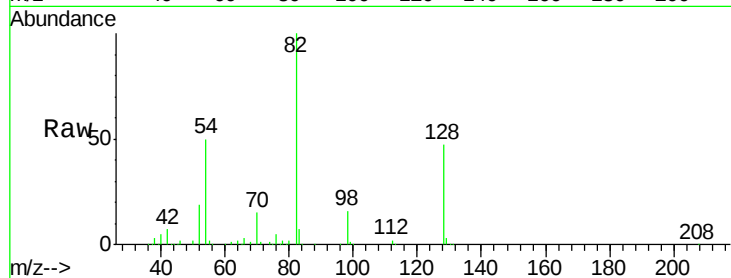




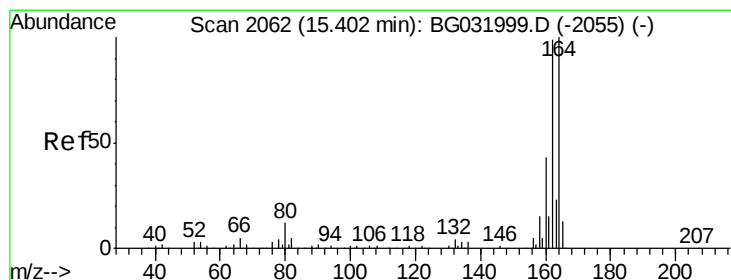
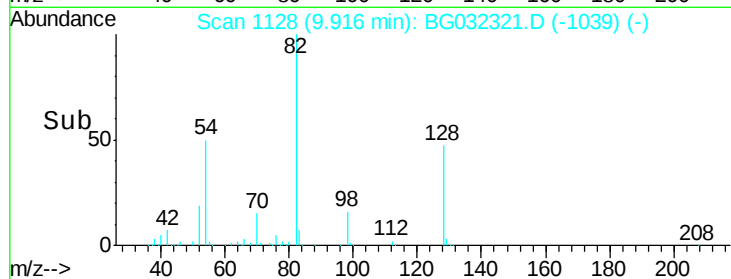
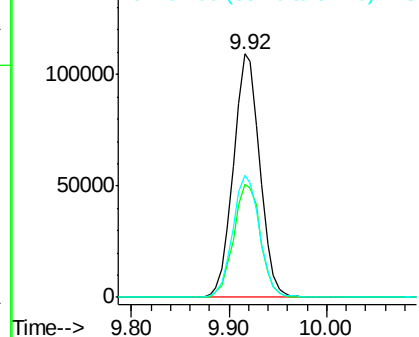
#23
 Nitrobenzene-d5
 Concen: 108.433 ng
 RT: 9.92 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BG032321.D
 Acq: 26 Jan 2018 9:09

Instrument :
 BNA_G
 ClientSampleID :
 WC3

Tot Ion: 82 Resp: 204575
 Ion Ratio Lower Upper
 82 100
 128 46.6 29.7 44.5#
 54 50.3 43.1 64.7

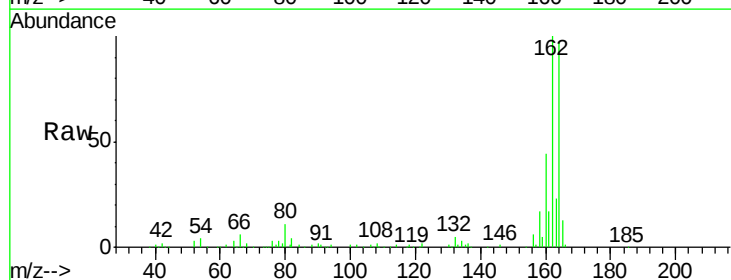


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

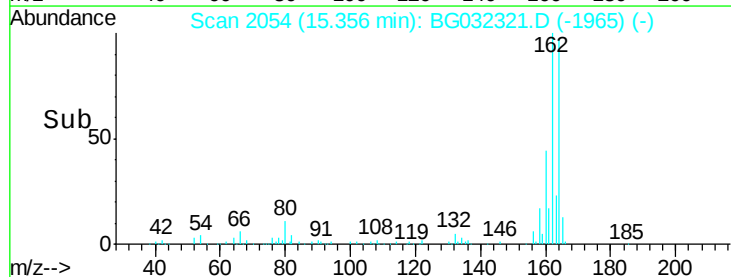
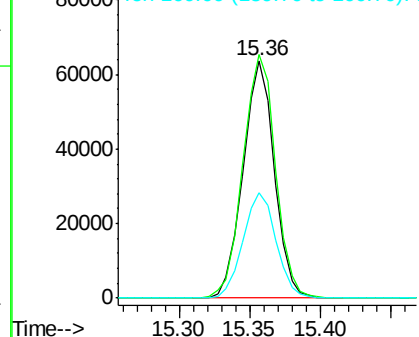


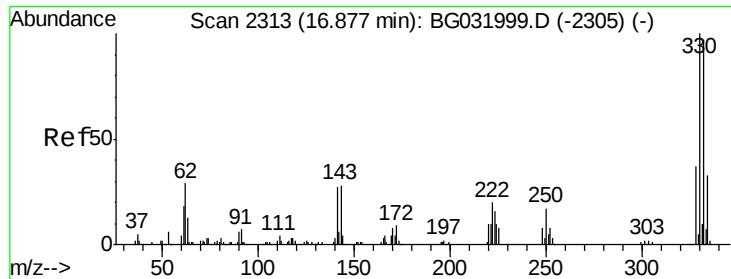
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. -0.01 min
 Lab File: BG032321.D
 Acq: 26 Jan 2018 9:09

Tgt Ion: 164 Resp: 98624
 Ion Ratio Lower Upper
 164 100
 162 102.6 78.8 118.2
 160 44.6 35.4 53.0



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: 170.011 ng

RT: 16.83 min Scan# 2305

Delta R.T. -0.01 min

Lab File: BG032321.D

Acq: 26 Jan 2018 9:09

Instrument :

BNA_G

ClientSampleId :

WC3

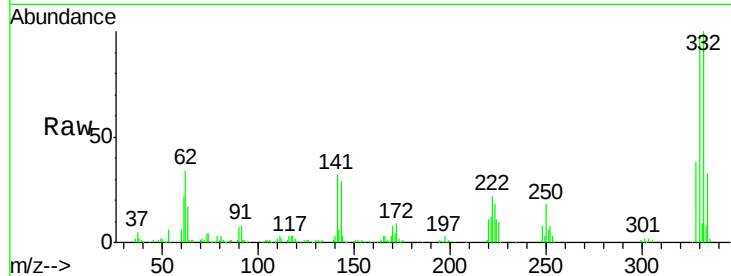
Tot Ion:330 Resp: 277457

Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.0	115.6
141	30.0	25.2	37.8

330 100

332 98.3 77.0 115.6

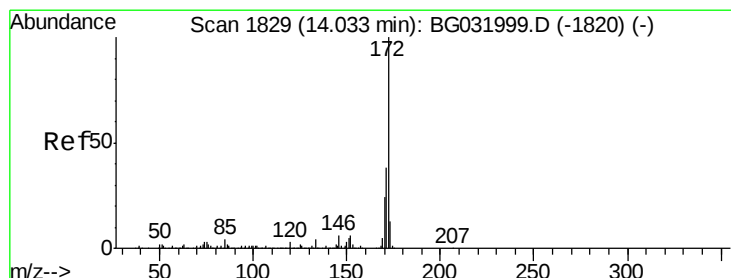
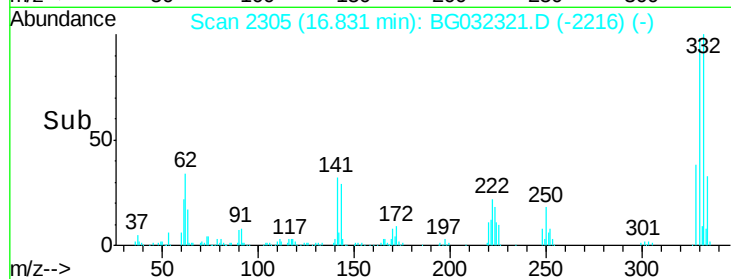
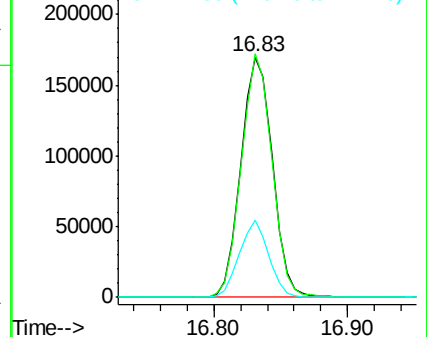
141 30.0 25.2 37.8



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: 94.838 ng

RT: 13.98 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BG032321.D

Acq: 26 Jan 2018 9:09

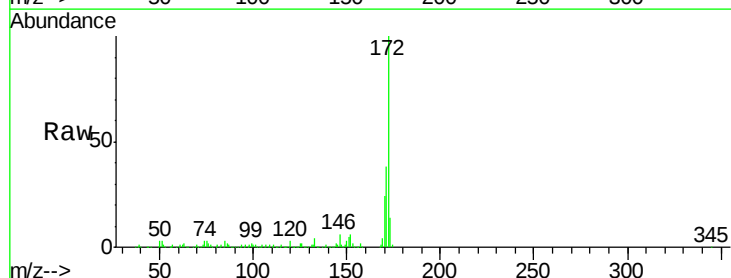
Tgt Ion:172 Resp: 754325

Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	24.0	19.5	29.3

172 100

171 37.7 30.0 45.0

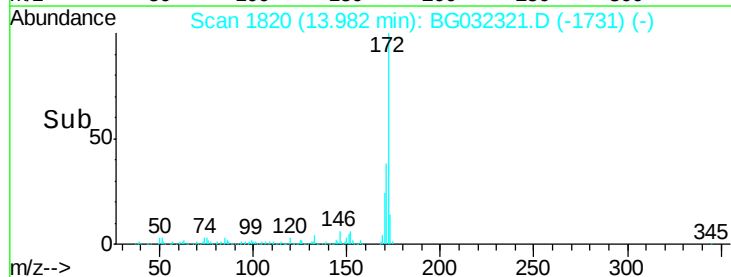
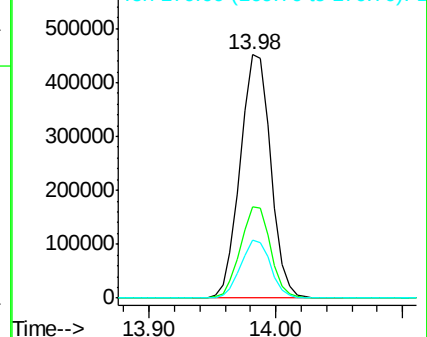
170 24.0 19.5 29.3

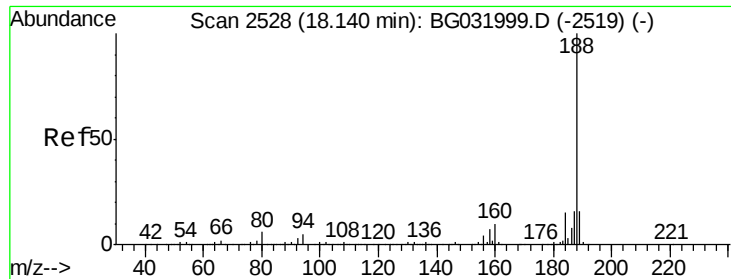


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

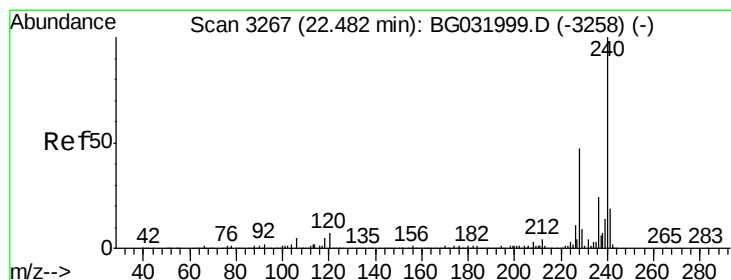
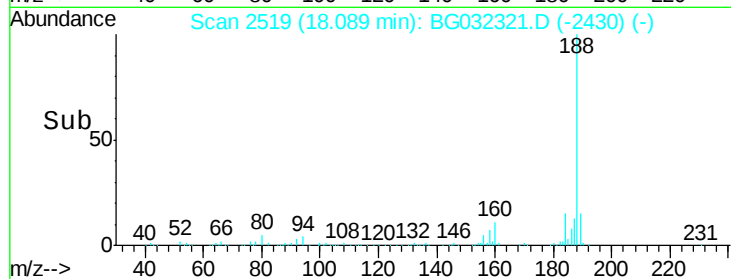
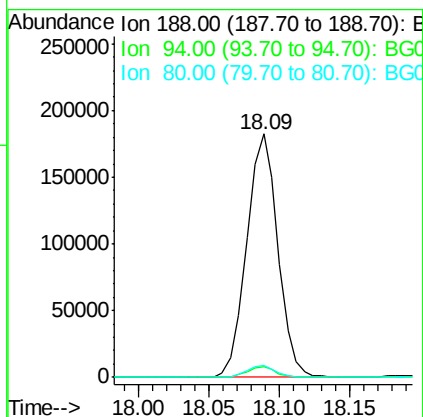
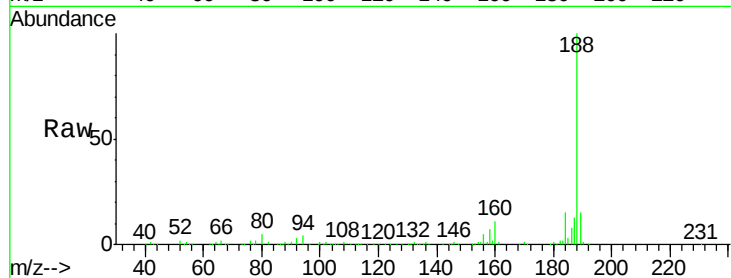




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BG032321.D
Acq: 26 Jan 2018 9:09

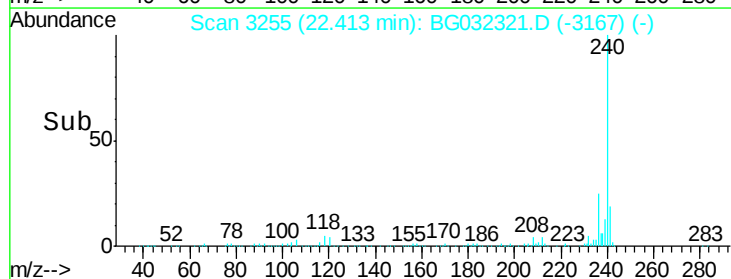
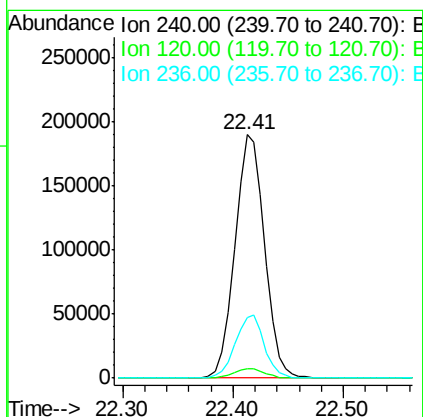
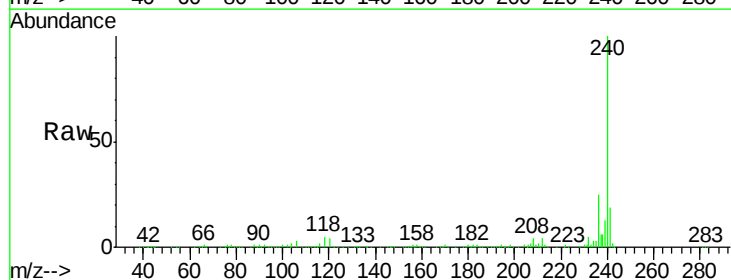
Instrument :
BNA_G
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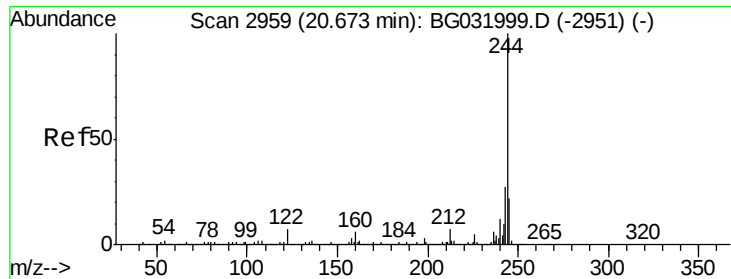
Tot Ion	Ratio	Lower	Upper
188	100		
94	4.2	6.9	10.3#
80	4.9	7.7	11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.41 min Scan# 3255
Delta R.T. -0.01 min
Lab File: BG032321.D
Acq: 26 Jan 2018 9:09

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.0	6.8	10.2#
236	25.1	20.9	31.3

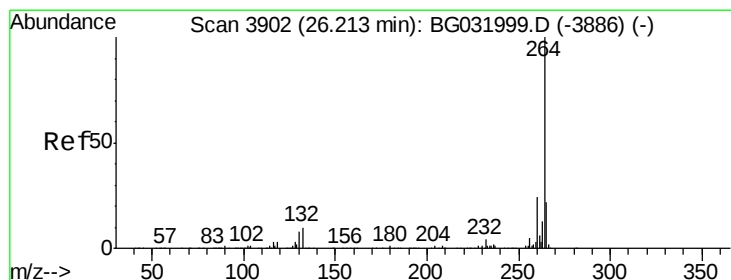
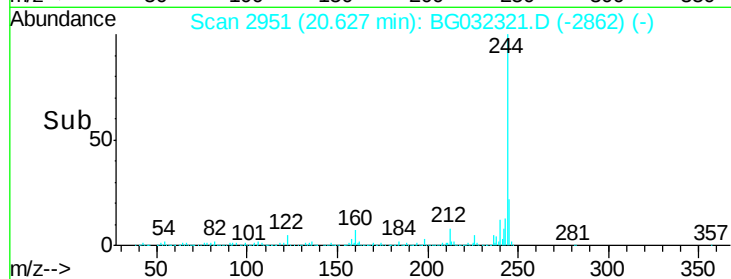
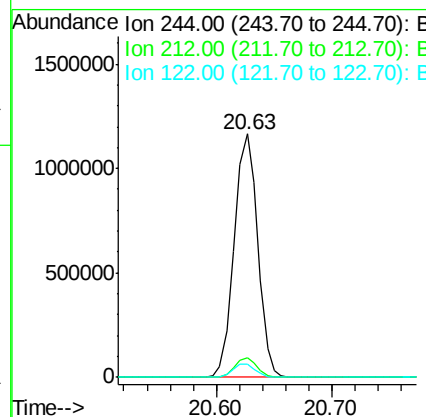
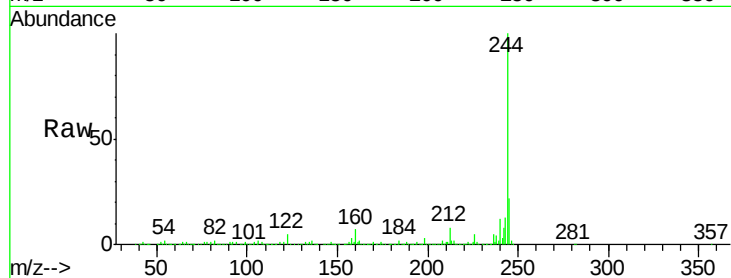




#78
 Terphenyl-d14
 Concen: 101.835 ng
 RT: 20.63 min Scan# 2951
 Delta R.T. -0.01 min
 Lab File: BG032321.D
 Acq: 26 Jan 2018 9:09

Instrument :
 BNA_G
 ClientSampleId :
 WC3

Tot Ion:244 Resp: 1642860
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.8 8.8
 122 5.4 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.10 min Scan# 3882
 Delta R.T. -0.01 min
 Lab File: BG032321.D
 Acq: 26 Jan 2018 9:09

Tgt Ion:264 Resp: 379621
 Ion Ratio Lower Upper
 264 100
 260 22.1 17.4 26.0
 265 20.0 17.7 26.5

