

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG032618\
 Data File : BG033329.D
 Acq On : 26 Mar 2018 14:54
 Operator : SJ/JU
 Sample : J1994-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-01-031918

Quant Time: Mar 26 19:03:36 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 15:11:46 2018
 Response via : Initial Calibration

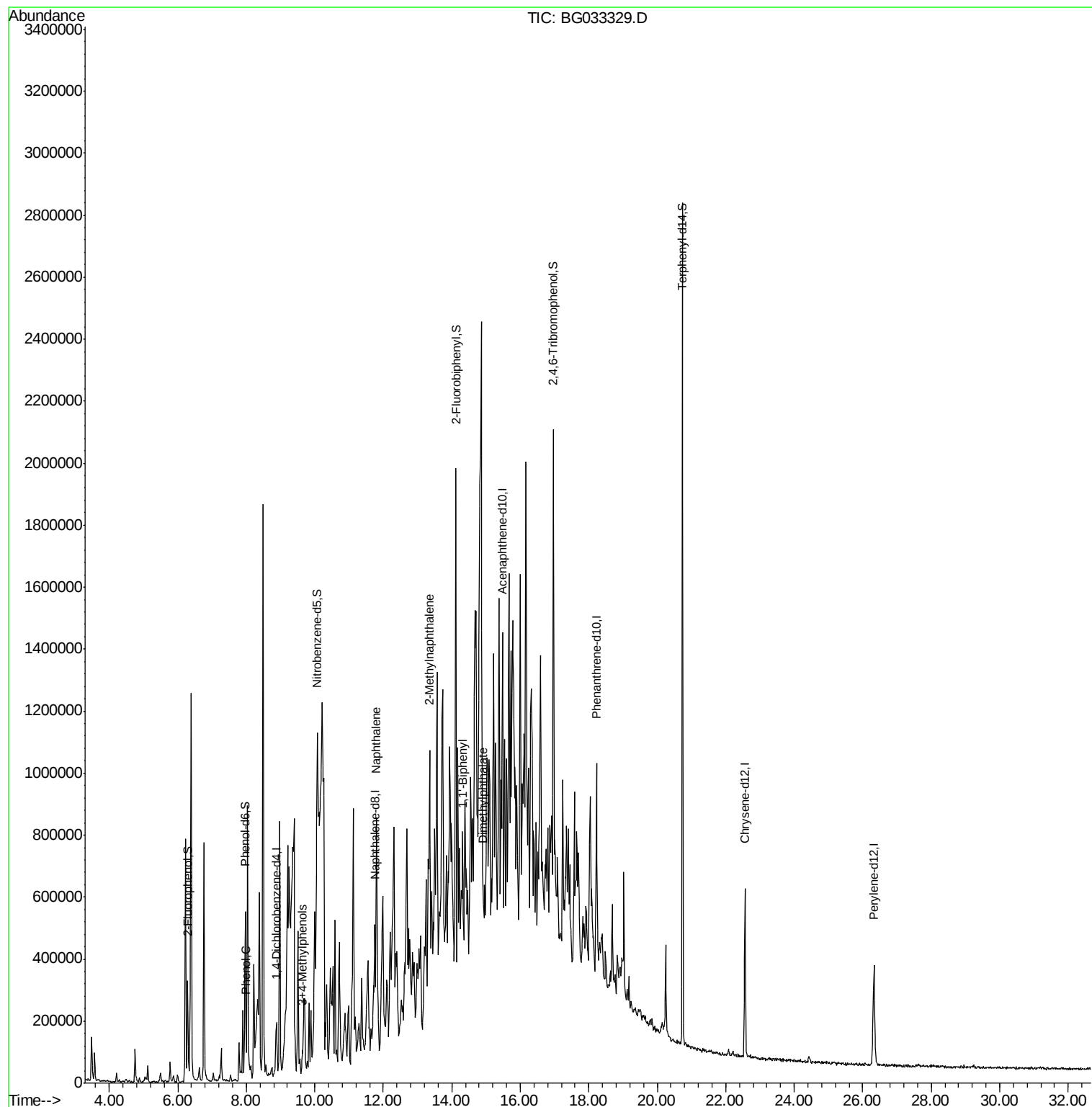
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	51719	20.00	ng	-0.03
21) Naphthalene-d8	11.75	136	210084	20.00	ng	-0.03
38) Acenaphthene-d10	15.49	164	170753	20.00	ng	-0.02
63) Phenanthrene-d10	18.22	188	371867	20.00	ng	-0.02
75) Chrysene-d12	22.56	240	403558	20.00	ng	-0.04
86) Perylene-d12	26.32	264	437322	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	161741	58.64	ng	-0.02
7) Phenol-d6	7.97	99	160379	33.84	ng	-0.03
23) Nitrobenzene-d5	10.07	82	376745	82.39	ng	-0.03
41) 2,4,6-Tribromophenol	16.97	330	280777	109.94	ng	-0.02
44) 2-Fluorobiphenyl	14.12	172	813675	68.79	ng	-0.02
78) Terphenyl-d14	20.74	244	1432537	75.92	ng	-0.02
Target Compounds						
10) Phenol	8.00	94	19954	4.265	ng	Qvalue # 66
20) 3+4-Methylphenols	9.63	107	57053	12.571	ng	96
31) Naphthalene	11.80	128	591885	54.368	ng	98
37) 2-Methylnaphthalene	13.35	142	329419	38.985	ng	96
45) 1,1'-Biphenyl	14.33	154	27206	2.074	ng	81
49) Dimethylphthalate	14.91	163	75409	5.075	ng	# 59

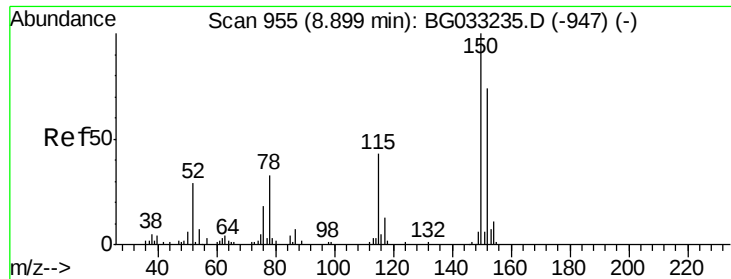
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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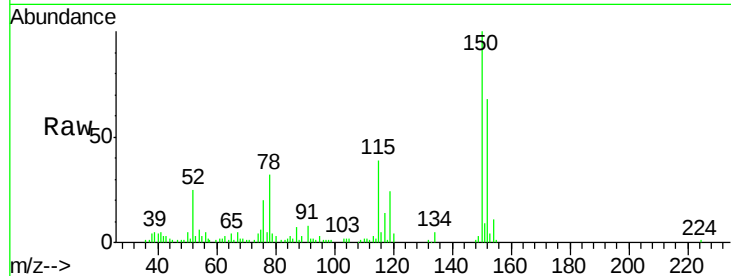


#1

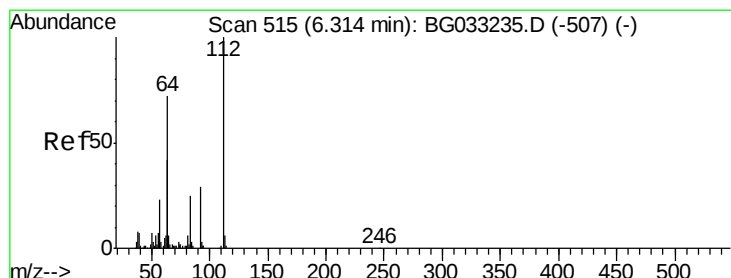
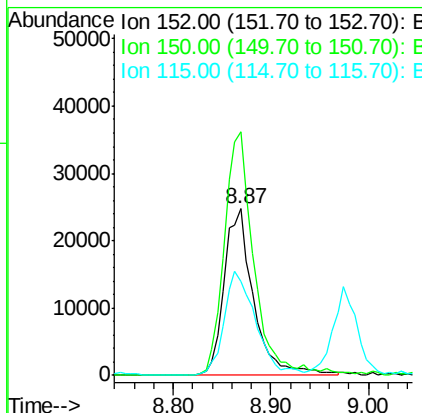
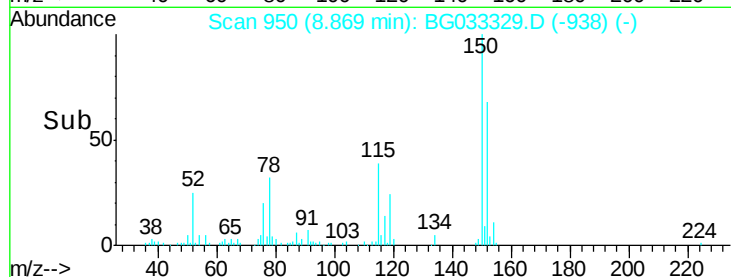
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.03 min
Lab File: BG033329.D
Acq: 26 Mar 2018 14:54

Instrument :
BNA_G
ClientSampleId :
PR-MW-01-031918

Tgt Ion:152 Resp: 51719
Ion Ratio Lower Upper
152 100
150 146.3 126.6 189.8
115 56.4 53.0 79.4



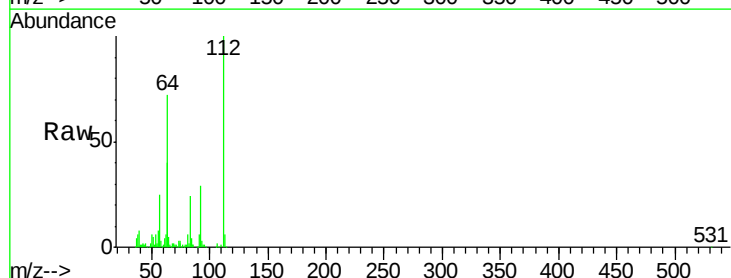
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



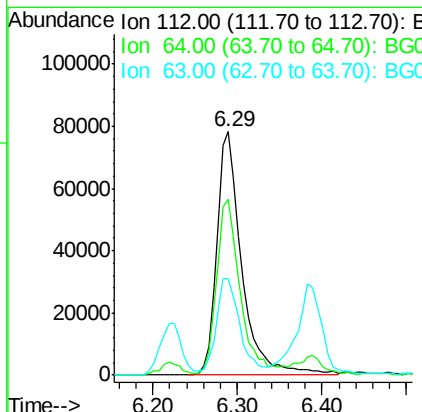
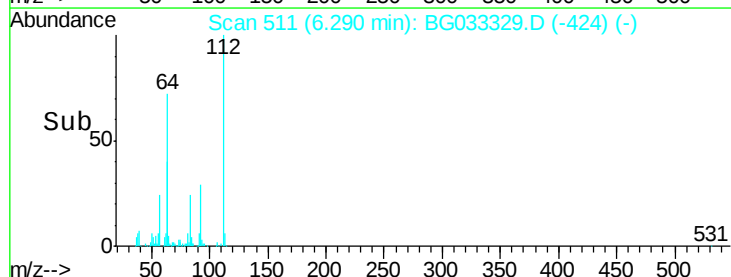
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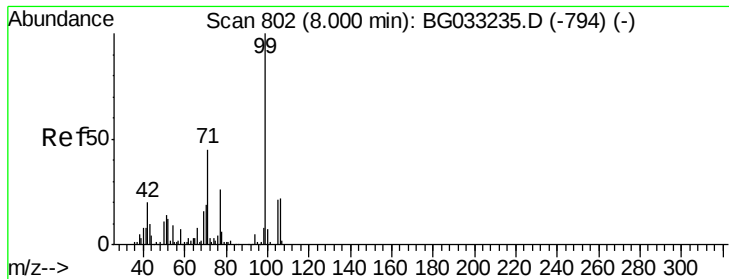
2-Fluorophenol
Concen: 58.641 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.02 min
Lab File: BG033329.D
Acq: 26 Mar 2018 14:54

Tgt Ion:112 Resp: 161741
Ion Ratio Lower Upper
112 100
64 72.2 56.3 84.5
63 39.5 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 33.842 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.03 min

Lab File: BG033329.D

Acq: 26 Mar 2018 14:54

Instrument :

BNA_G

ClientSampleId :

PR-MW-01-031918

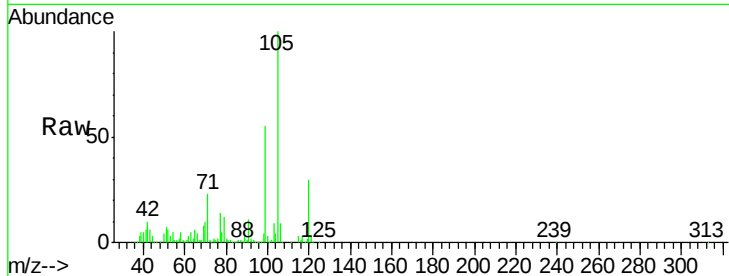
Tgt Ion: 99 Resp: 160379

Ion Ratio Lower Upper

99 100

42 18.2 14.1 21.1

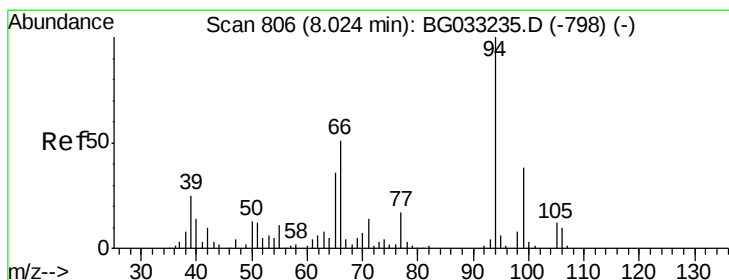
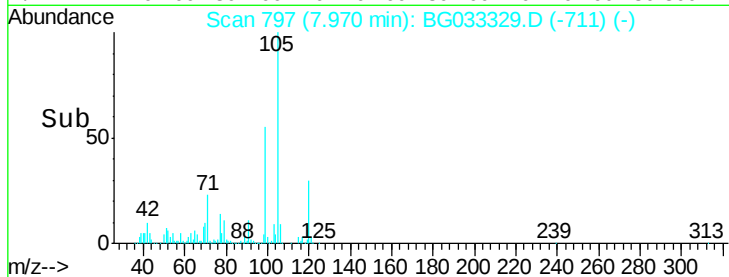
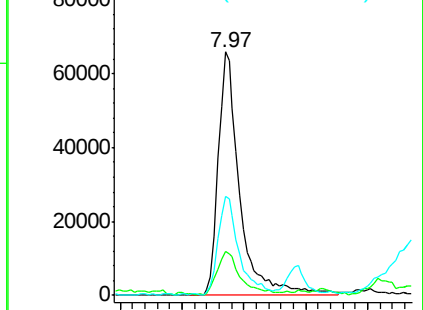
71 40.9 26.1 39.1#



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



#10

Phenol

Concen: 4.265 ng

RT: 8.00 min Scan# 802

Delta R.T. -0.02 min

Lab File: BG033329.D

Acq: 26 Mar 2018 14:54

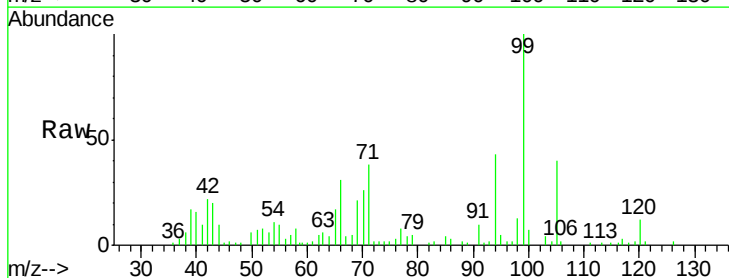
Tgt Ion: 94 Resp: 19954

Ion Ratio Lower Upper

94 100

65 39.1 11.9 51.9

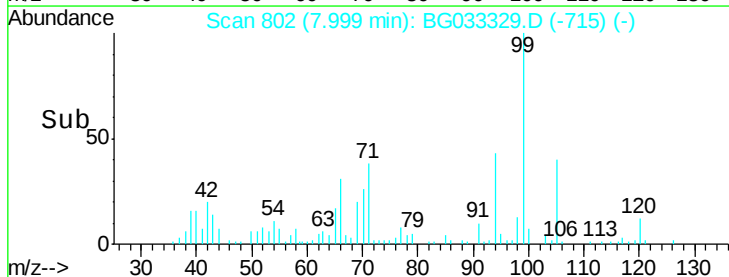
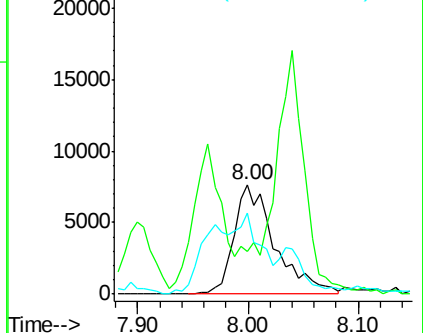
66 73.7 22.2 62.2#

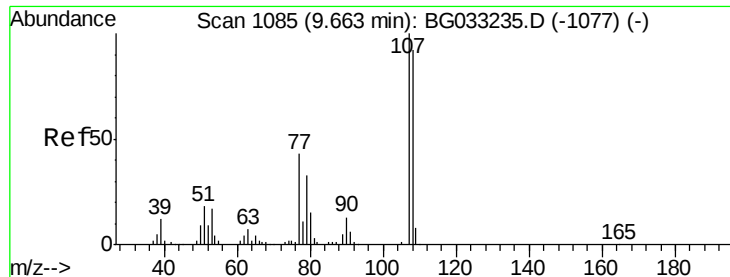


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

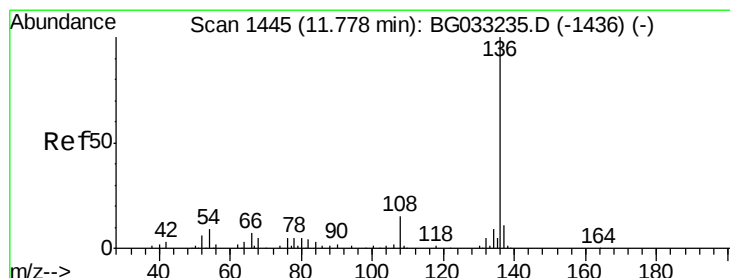
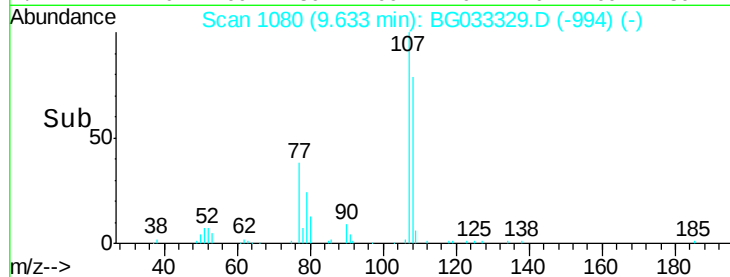
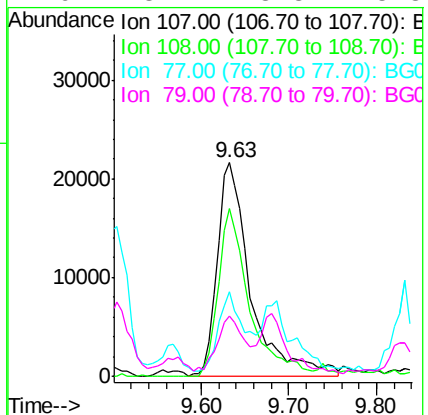
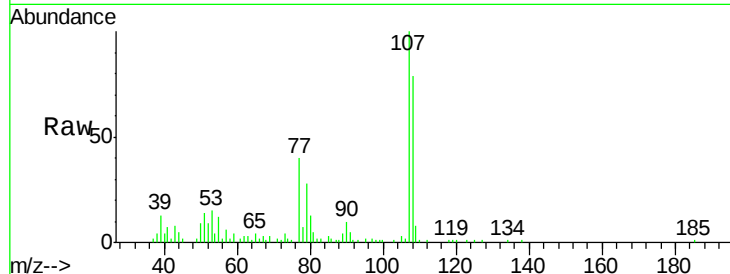




#20
3+4-Methylphenols
Concen: 12.571 ng
RT: 9.63 min Scan# 1080
Delta R.T. -0.03 min
Lab File: BG033329.D
Acq: 26 Mar 2018 14:54

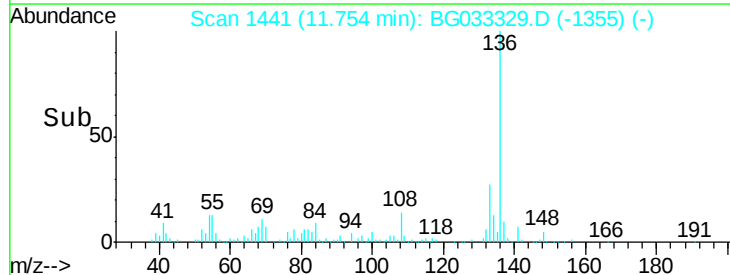
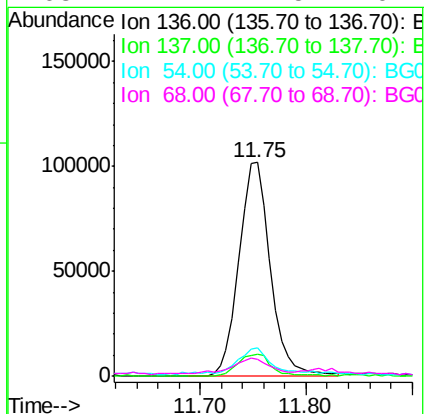
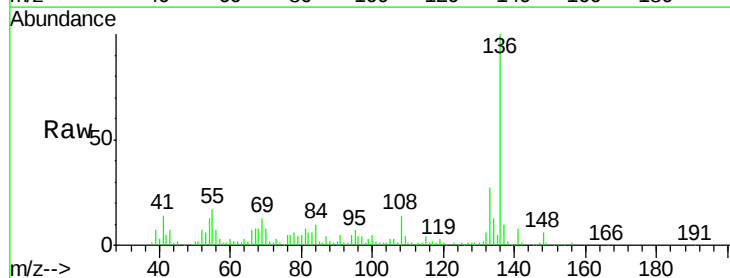
Instrument :
BNA_G
ClientSampleId :
PR-MW-01-031918

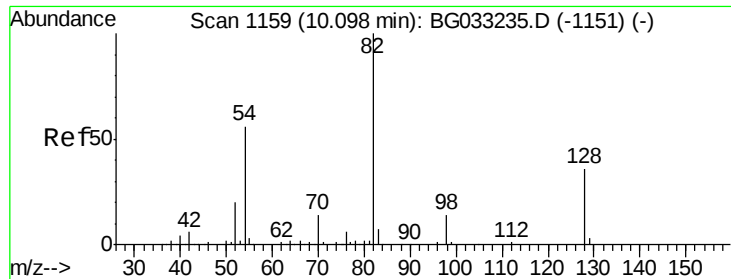
Tgt Ion:	107	Resp:	57053
Ion	Ratio	Lower	Upper
107	100		
108	78.7	61.6	101.6
77	39.7	13.9	53.9
79	28.4	8.8	48.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1441
Delta R.T. -0.03 min
Lab File: BG033329.D
Acq: 26 Mar 2018 14:54

Tgt Ion:	136	Resp:	210084
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	13.4	10.3	15.5
68	7.7	4.5	6.7#

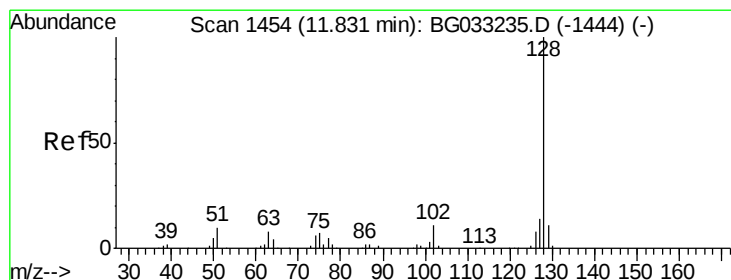
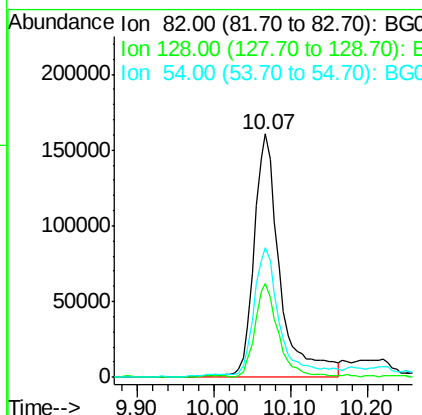
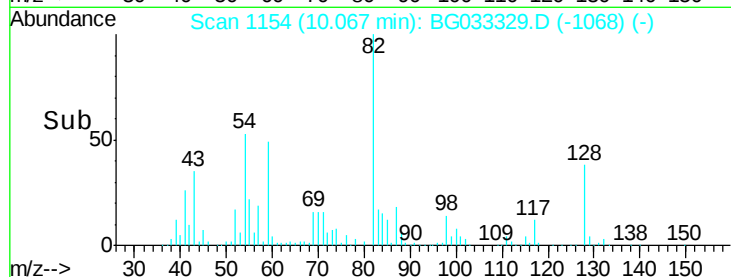
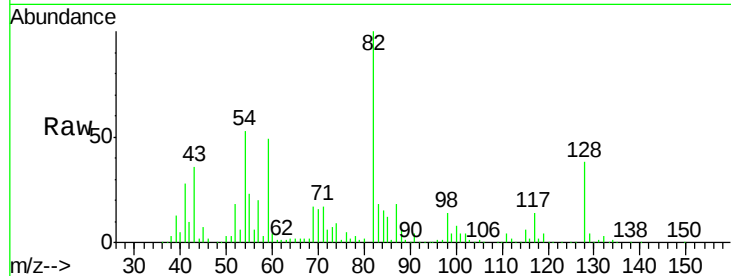




#23
Nitrobenzene-d5
Concen: 82.392 ng
RT: 10.07 min Scan# 1154
Delta R.T. -0.03 min
Lab File: BG033329.D
Acq: 26 Mar 2018 14:54

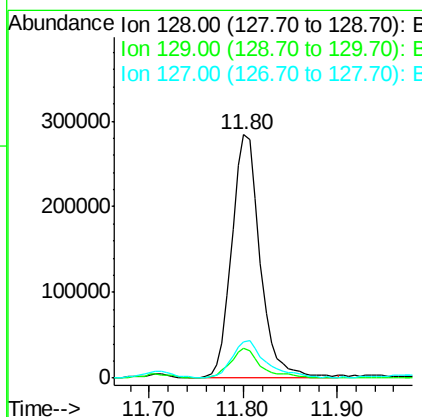
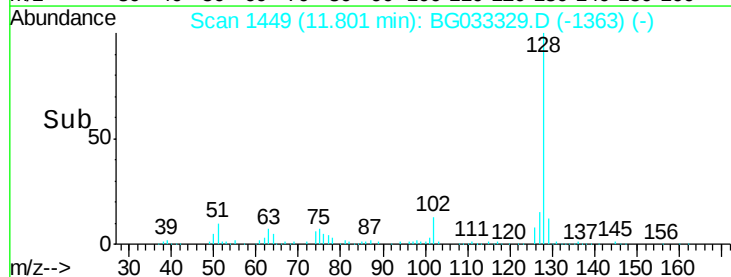
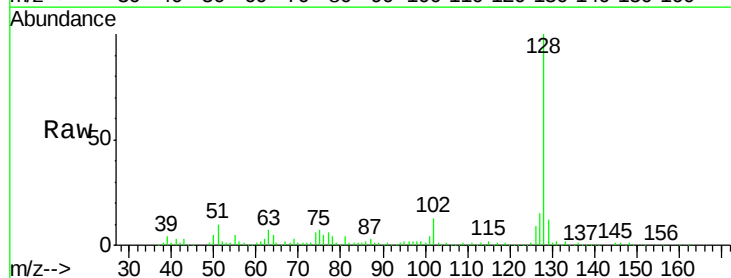
Instrument :
BNA_G
ClientSampleId :
PR-MW-01-031918

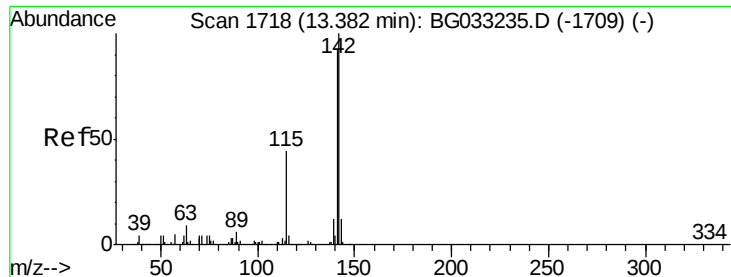
Tgt Ion: 82 Resp: 376745
Ion Ratio Lower Upper
82 100
128 38.4 29.7 44.5
54 53.4 43.1 64.7



#31
Naphthalene
Concen: 54.368 ng
RT: 11.80 min Scan# 1449
Delta R.T. -0.03 min
Lab File: BG033329.D
Acq: 26 Mar 2018 14:54

Tgt Ion: 128 Resp: 591885
Ion Ratio Lower Upper
128 100
129 12.3 8.6 12.8
127 14.8 11.6 17.4

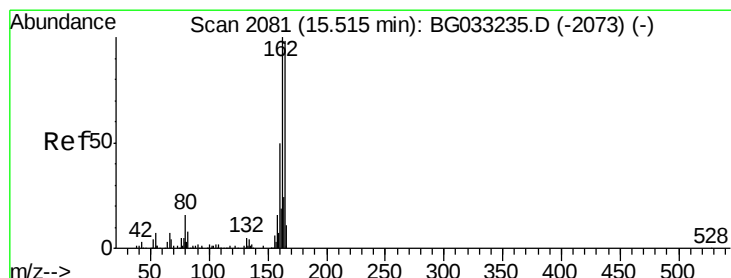
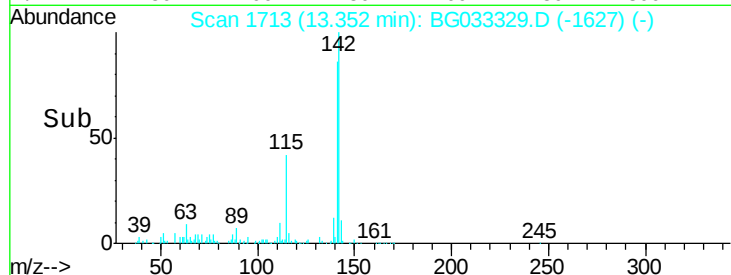
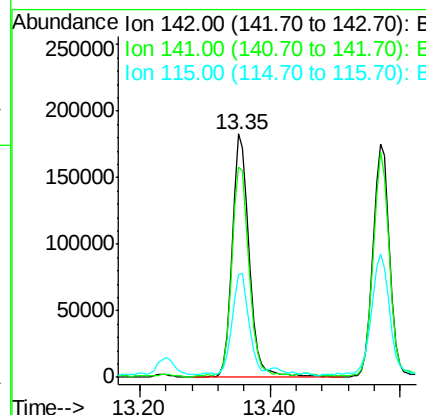
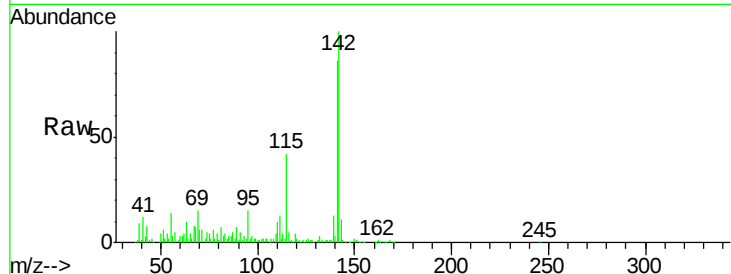




#37
 2-Methylnaphthalene
 Concen: 38.985 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.03 min
 Lab File: BG033329.D
 Acq: 26 Mar 2018 14:54

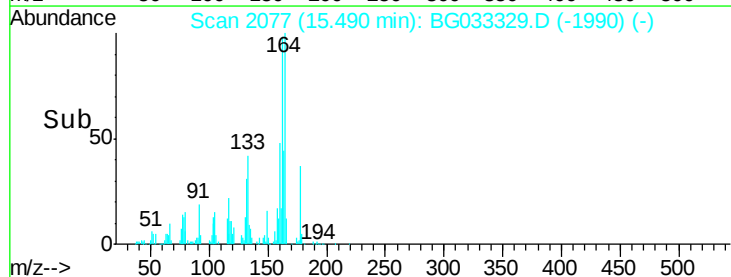
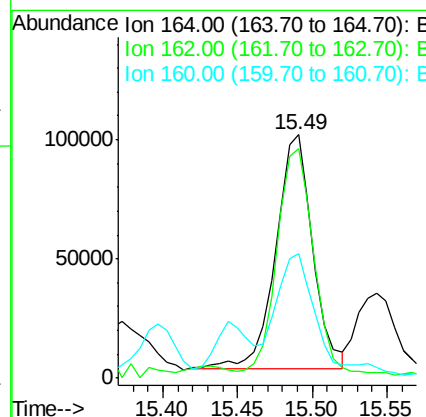
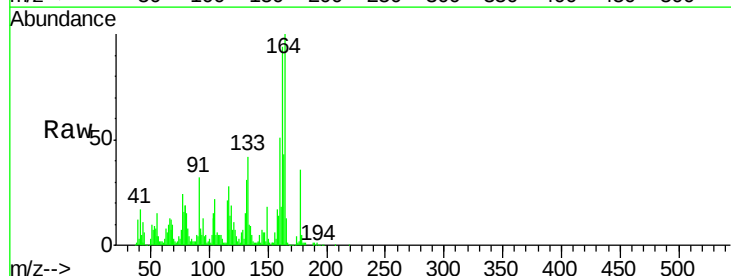
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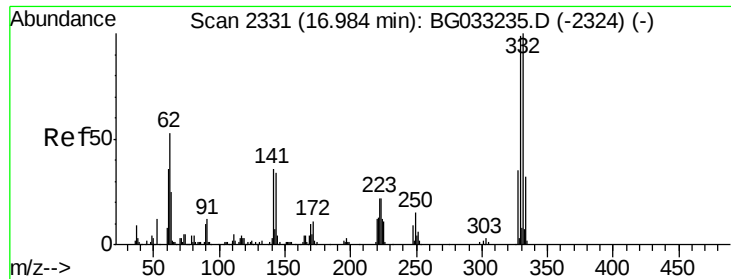
Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.2	67.1	100.7
115	42.3	30.7	46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2077
 Delta R.T. -0.02 min
 Lab File: BG033329.D
 Acq: 26 Mar 2018 14:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.1	78.8	118.2
160	50.9	35.4	53.0

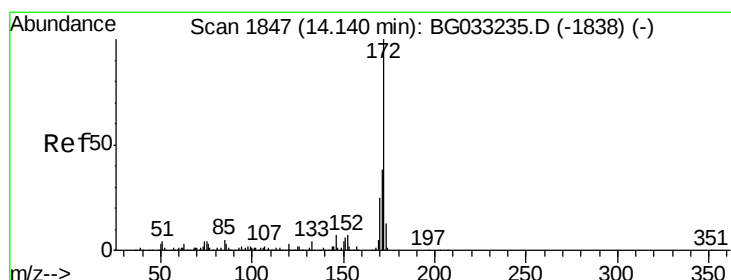
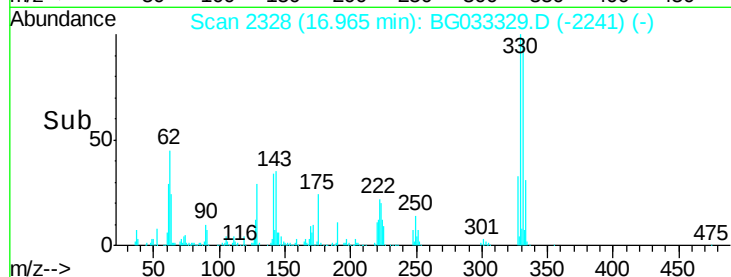
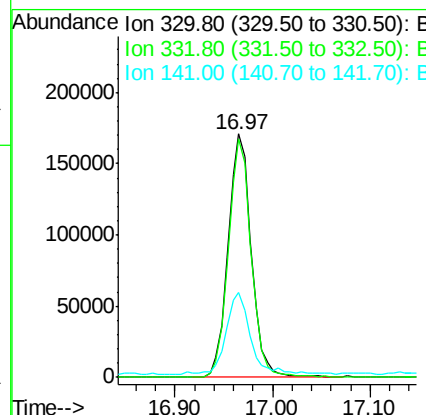
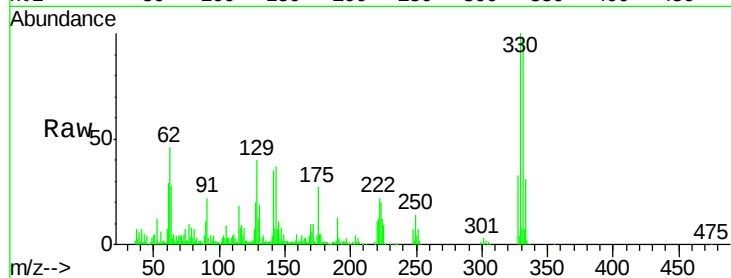




#41
2,4,6-Tribromophenol
Concen: 109.944 ng
RT: 16.97 min Scan# 2328
Delta R.T. -0.02 min
Lab File: BG033329.D
Acq: 26 Mar 2018 14:54

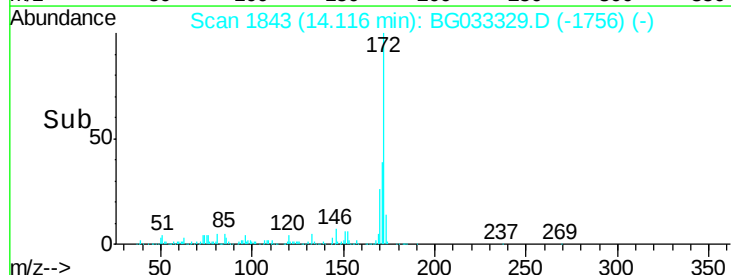
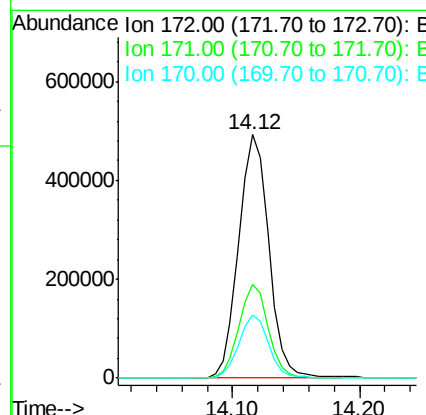
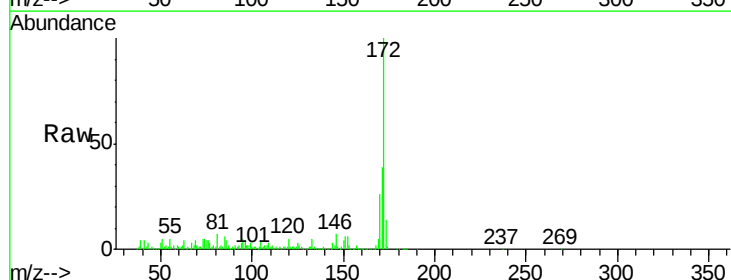
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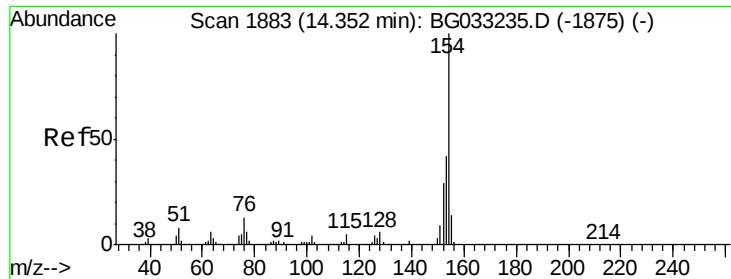
Tgt Ion:330 Resp: 280777
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 36.3 25.2 37.8



#44
2-Fluorobiphenyl
Concen: 68.792 ng
RT: 14.12 min Scan# 1843
Delta R.T. -0.02 min
Lab File: BG033329.D
Acq: 26 Mar 2018 14:54

Tgt Ion:172 Resp: 813675
Ion Ratio Lower Upper
172 100
171 38.7 30.0 45.0
170 25.9 19.5 29.3

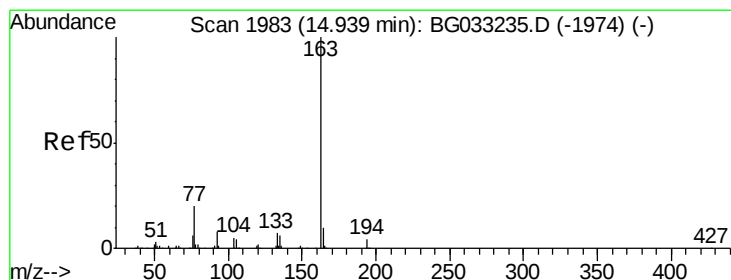
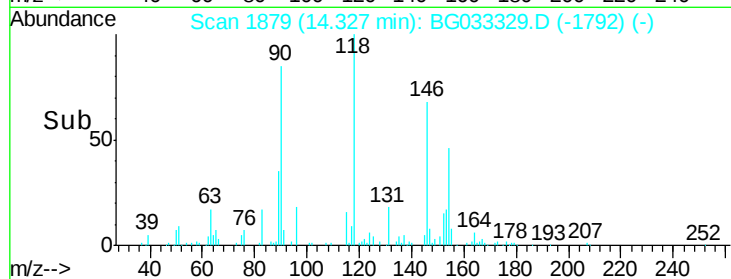
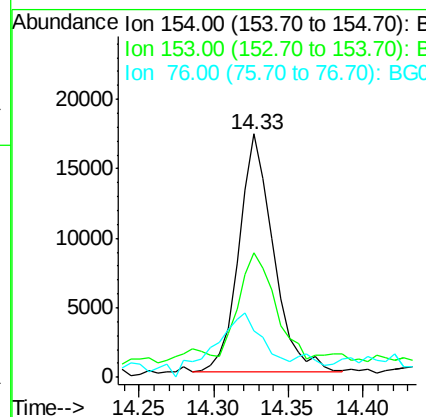
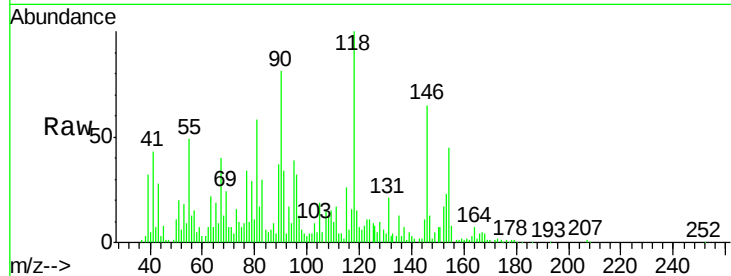




#45
1,1'-Biphenyl
Concen: 2.074 ng
RT: 14.33 min Scan# 1879
Delta R.T. -0.02 min
Lab File: BG033329.D
Acq: 26 Mar 2018 14:54

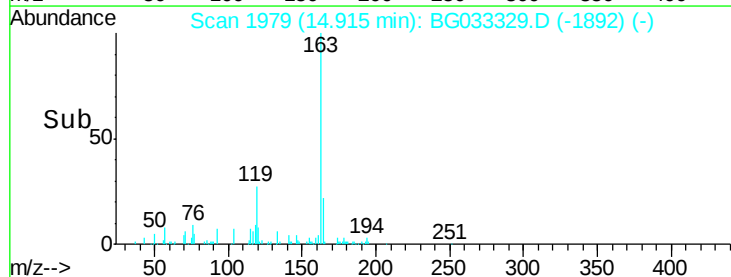
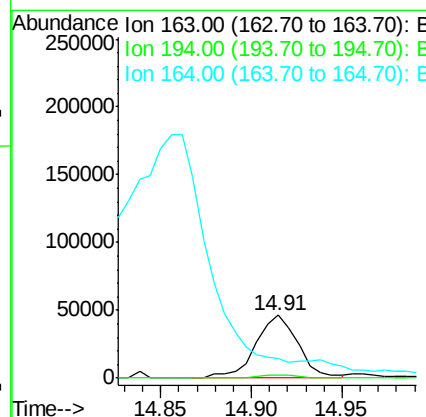
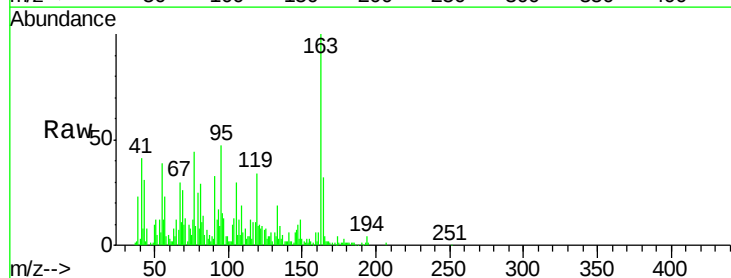
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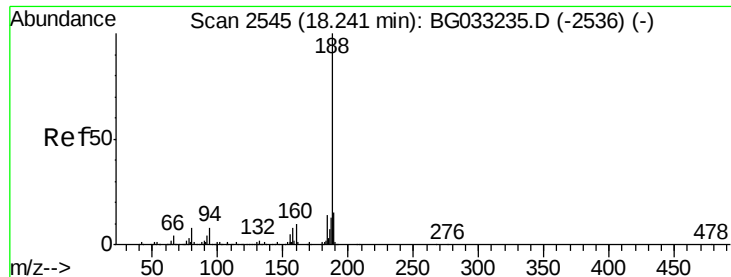
Tgt Ion:154 Resp: 27206
Ion Ratio Lower Upper
154 100
153 51.4 19.8 59.8
76 19.3 0.0 31.9



#49
Dimethylphthalate
Concen: 5.075 ng
RT: 14.91 min Scan# 1979
Delta R.T. -0.02 min
Lab File: BG033329.D
Acq: 26 Mar 2018 14:54

Tgt Ion:163 Resp: 75409
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.2
164 31.7 8.2 12.4#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.22 min Scan# 2541

Delta R.T. -0.02 min

Lab File: BG033329.D

Acq: 26 Mar 2018 14:54

Instrument :

BNA_G

ClientSampleId :

PR-MW-01-031918

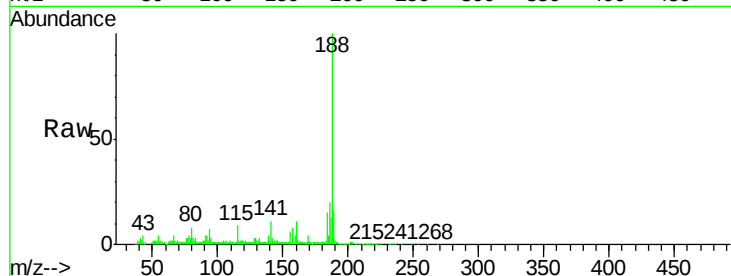
Tgt Ion:188 Resp: 371867

Ion Ratio Lower Upper

188 100

94 7.0 6.9 10.3

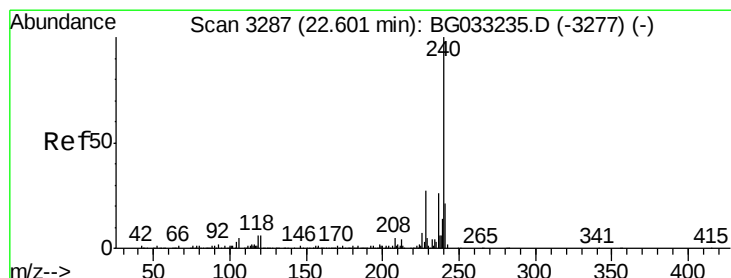
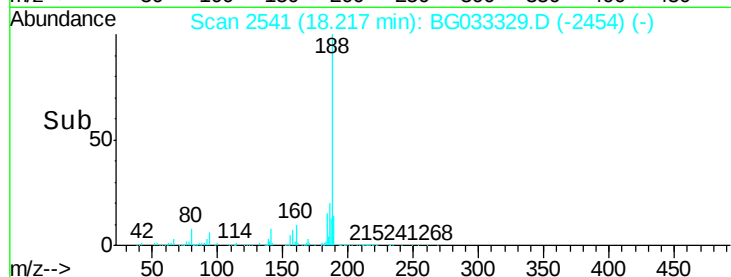
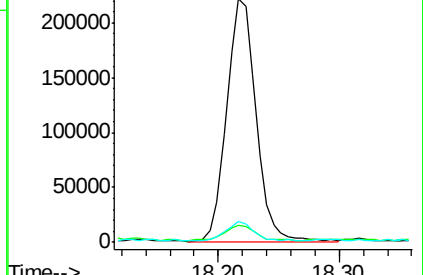
80 8.5 7.7 11.5



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: 22.56 min Scan# 3280

Delta R.T. -0.04 min

Lab File: BG033329.D

Acq: 26 Mar 2018 14:54

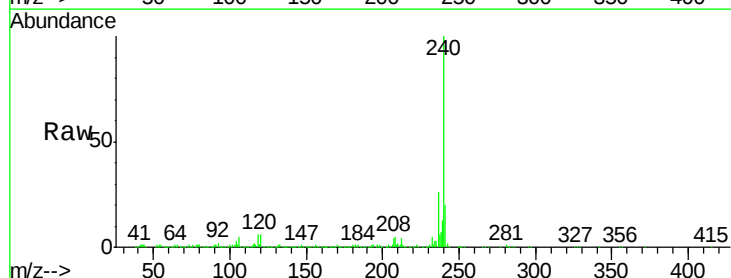
Tgt Ion:240 Resp: 403558

Ion Ratio Lower Upper

240 100

120 6.0 6.8 10.2#

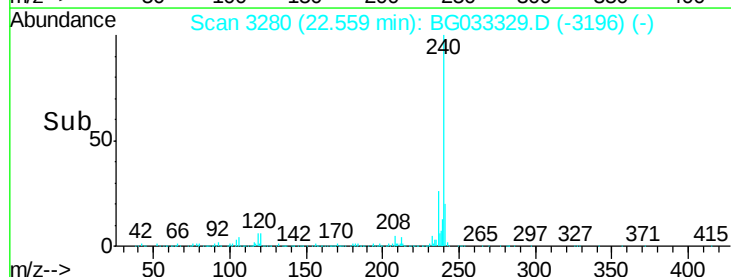
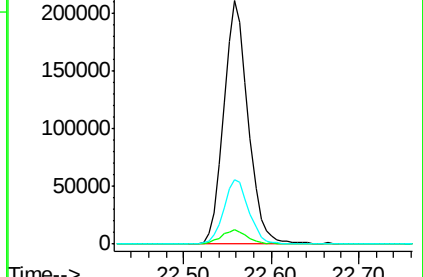
236 26.3 20.9 31.3

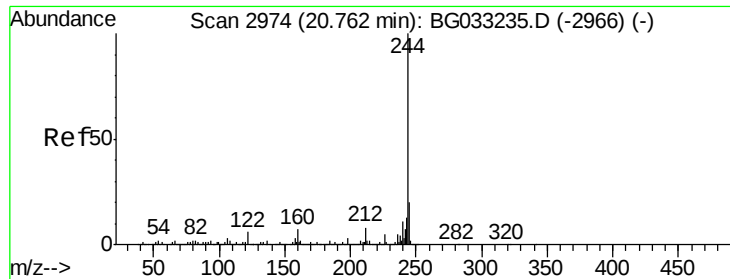


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 75.916 ng

RT: 20.74 min Scan# 2970

Delta R.T. -0.02 min

Lab File: BG033329.D

Acq: 26 Mar 2018 14:54

Instrument :

BNA_G

ClientSampleId :

PR-MW-01-031918

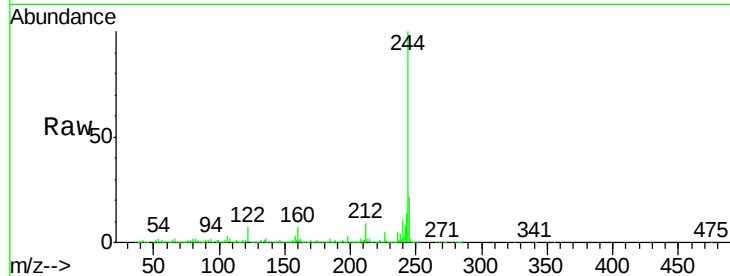
Tgt Ion:244 Resp: 1432537

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

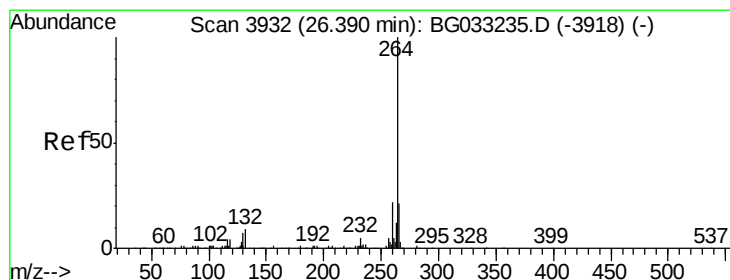
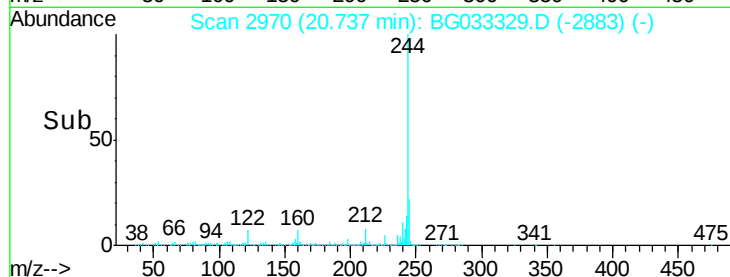
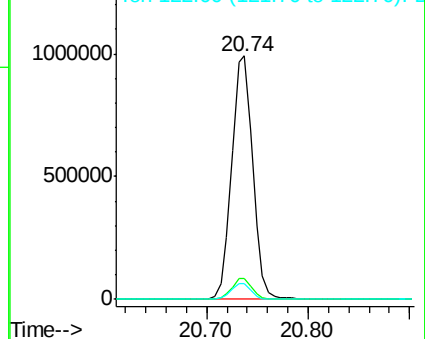
122 6.7 7.0 10.4#



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: 26.32 min Scan# 3921

Delta R.T. -0.06 min

Lab File: BG033329.D

Acq: 26 Mar 2018 14:54

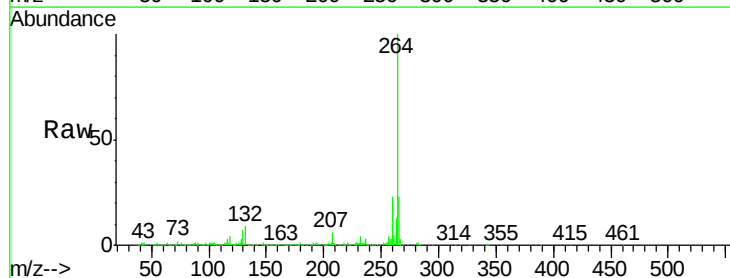
Tgt Ion:264 Resp: 437322

Ion Ratio Lower Upper

264 100

260 23.3 17.4 26.0

265 22.5 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

