

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG010918\
 Data File : BG031971.D
 Acq On : 10 Jan 2018 7:41
 Operator : SJ/JU
 Sample : J1057-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OWS-1

Quant Time: Jan 10 09:51:08 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 05 15:31:34 2018
 Response via : Initial Calibration

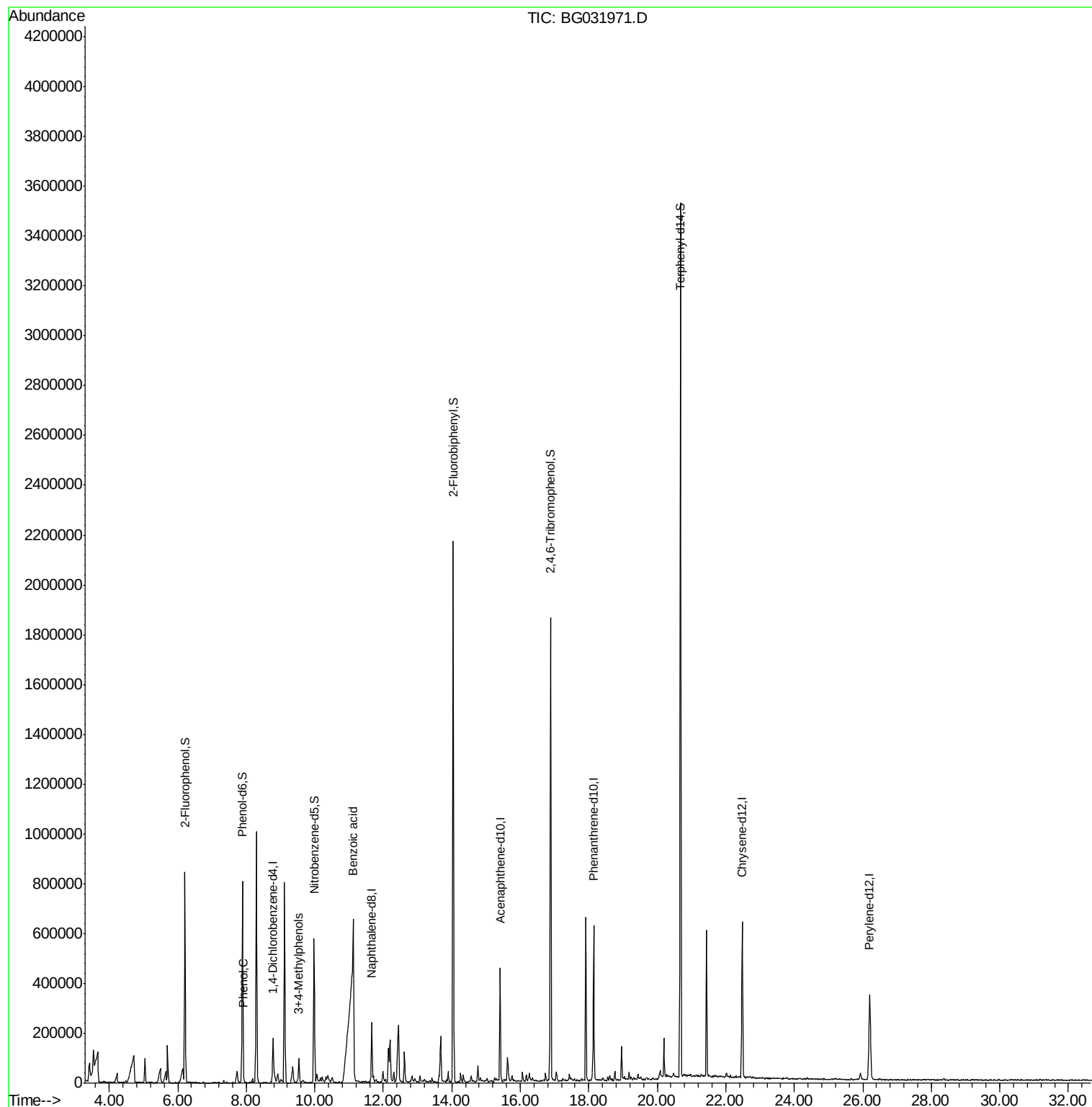
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	61219	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	245988	20.00	ng	0.00
38) Acenaphthene-d10	15.41	164	167542	20.00	ng	-0.02
63) Phenanthrene-d10	18.14	188	420805	20.00	ng	-0.02
75) Chrysene-d12	22.48	240	479188	20.00	ng	-0.04
86) Perylene-d12	26.20	264	468437	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	457296	136.05	ng	0.00
7) Phenol-d6	7.89	99	552720	126.66	ng	0.00
23) Nitrobenzene-d5	9.98	82	378040	116.05	ng	0.00
41) 2,4,6-Tribromophenol	16.88	330	440705	172.39	ng	-0.02
44) 2-Fluorobiphenyl	14.04	172	1280813	95.95	ng	-0.01
78) Terphenyl-d14	20.67	244	1954164	93.17	ng	-0.03
Target Compounds						
10) Phenol	7.92	94	20611	4.678	ng	89
20) 3+4-Methylphenols	9.54	107	51067	11.398	ng	92
32) Benzoic acid	11.11	122	979020	340.209	ng	# 79

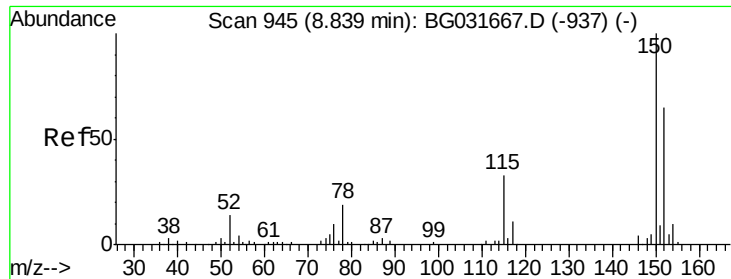
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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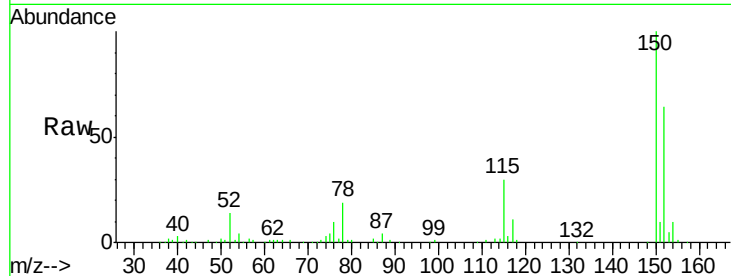


#1

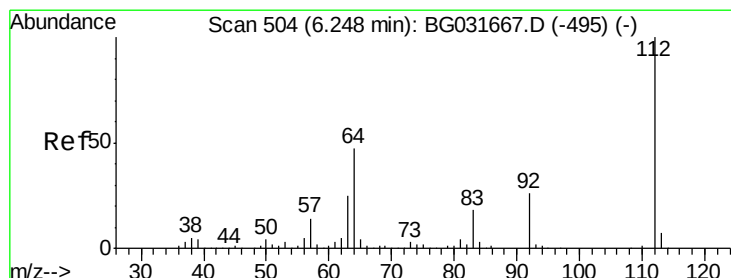
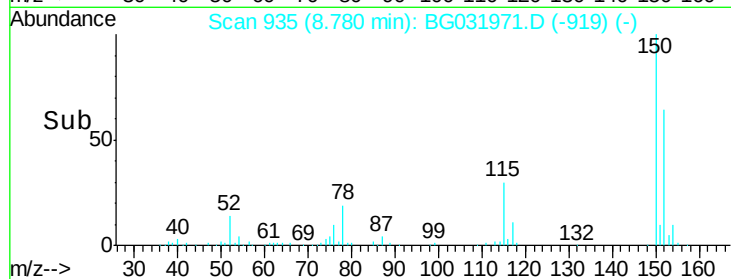
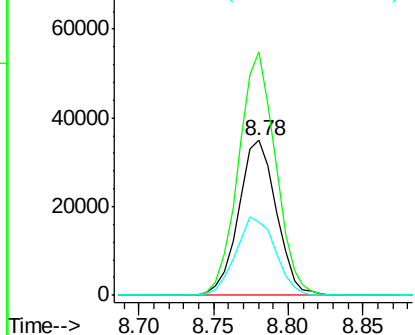
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.78 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: BG031971.D
 Acq: 10 Jan 2018 7:41

Instrument :
 BNA_G
 ClientSampleId :
 OWS-1

Tgt Ion:152 Resp: 61219
 Ion Ratio Lower Upper
 152 100
 150 156.9 126.6 189.8
 115 47.6 53.0 79.4#



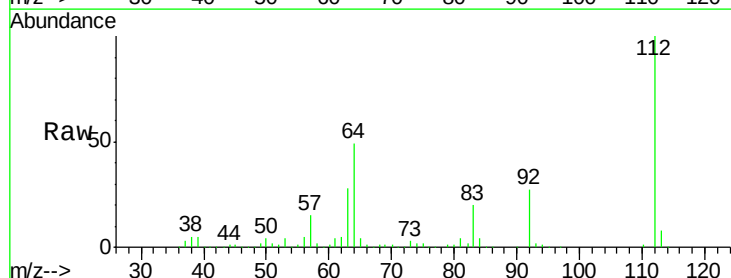
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



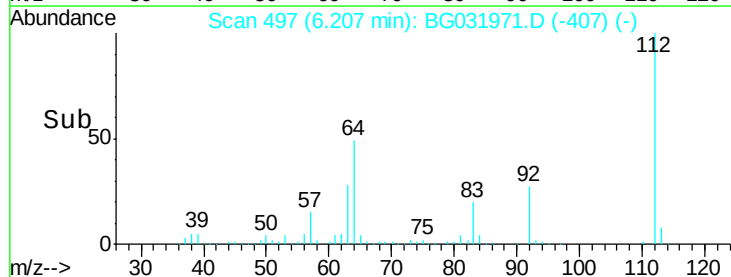
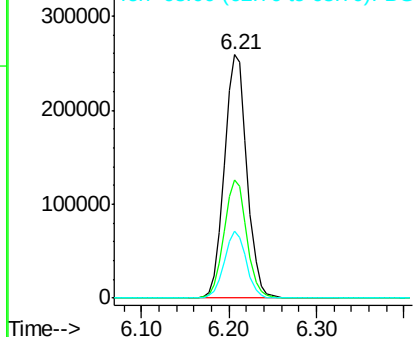
#5

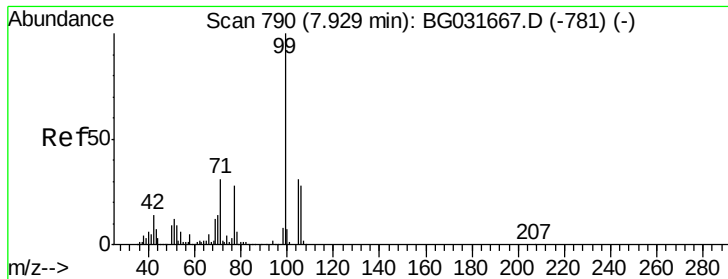
2-Fluorophenol
 Concen: 136.054 ng
 RT: 6.21 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: BG031971.D
 Acq: 10 Jan 2018 7:41

Tgt Ion:112 Resp: 457296
 Ion Ratio Lower Upper
 112 100
 64 48.6 56.3 84.5#
 63 27.5 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: 126.659 ng

RT: 7.89 min Scan# 783

Delta R.T. -0.00 min

Lab File: BG031971.D

Acq: 10 Jan 2018 7:41

Instrument :

BNA_G

ClientSampleId :

OWS-1

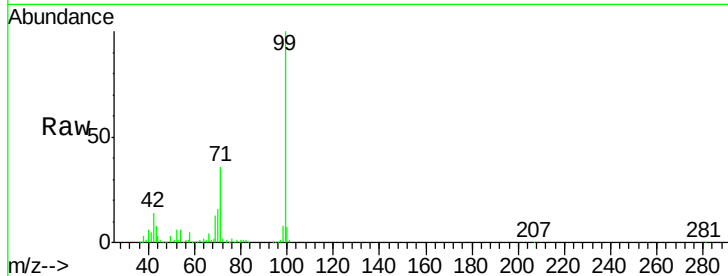
Tgt Ion: 99 Resp: 552720

Ion Ratio Lower Upper

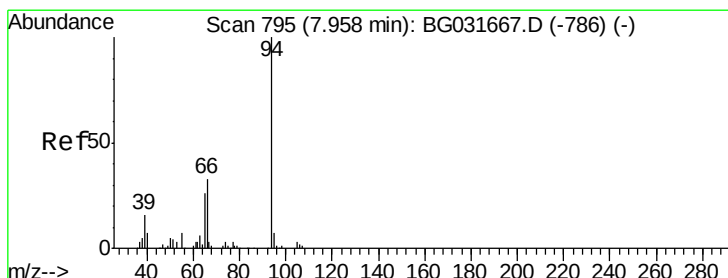
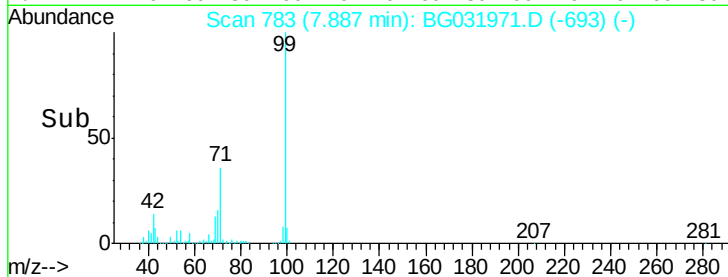
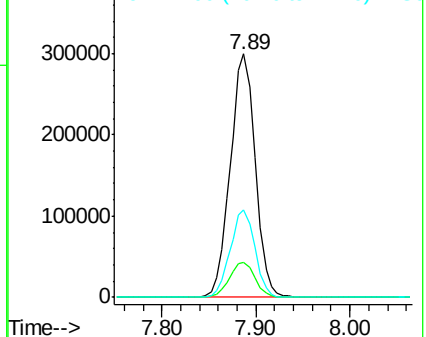
99 100

42 14.5 14.1 21.1

71 35.8 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: 4.678 ng

RT: 7.92 min Scan# 788

Delta R.T. -0.00 min

Lab File: BG031971.D

Acq: 10 Jan 2018 7:41

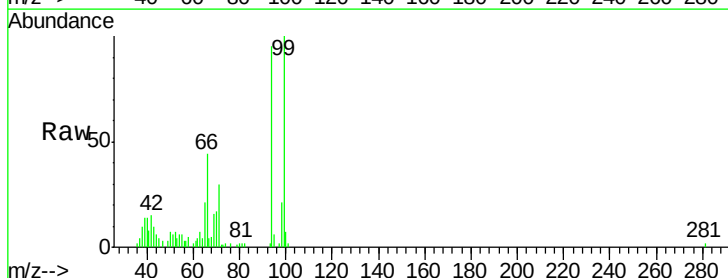
Tgt Ion: 94 Resp: 20611

Ion Ratio Lower Upper

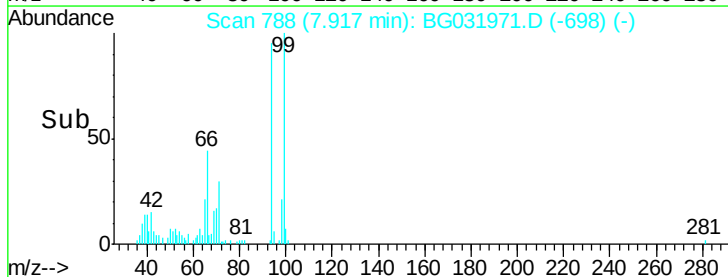
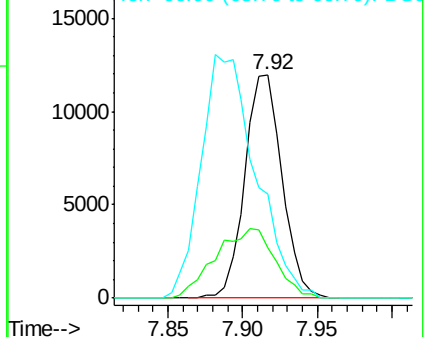
94 100

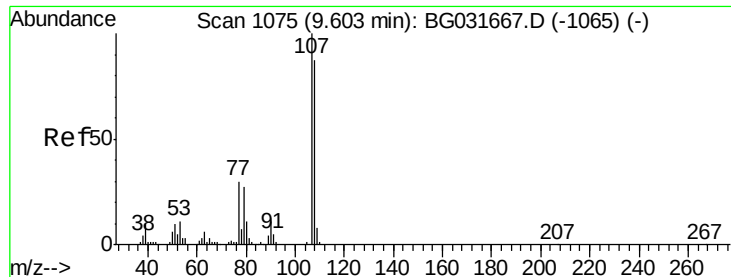
65 22.4 11.9 51.9

66 46.6 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

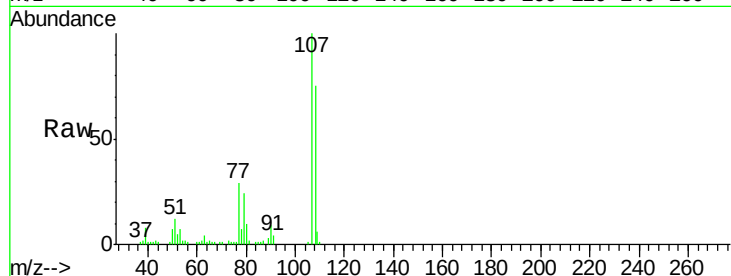




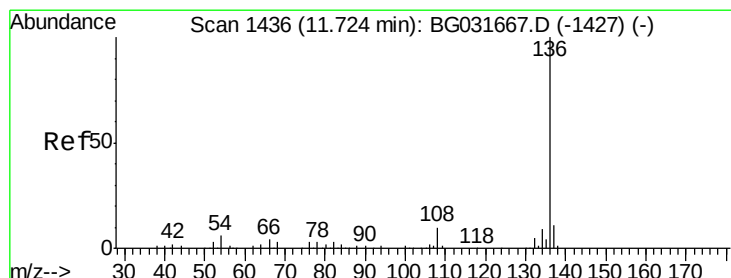
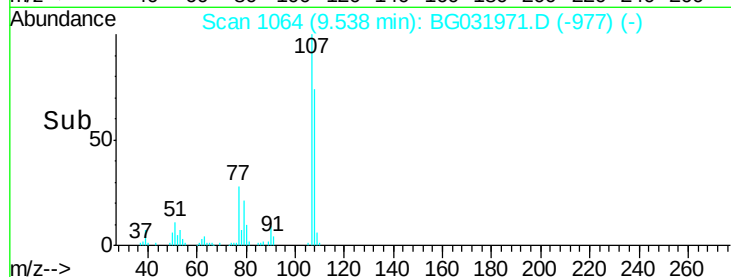
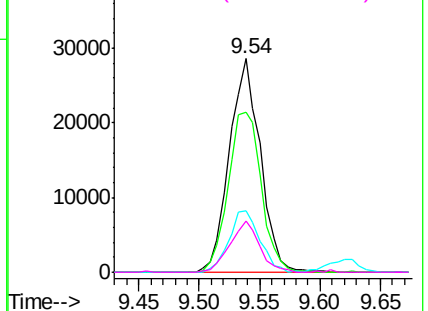
#20
3+4-Methylphenols
Concen: 11.398 ng
RT: 9.54 min Scan# 1064
Delta R.T. -0.02 min
Lab File: BG031971.D
Acq: 10 Jan 2018 7:41

Instrument :
BNA_G
ClientSampleId :
OWS-1

Tgt Ion:	107	Resp:	51067
Ion	Ratio	Lower	Upper
107	100		
108	74.7	61.6	101.6
77	28.8	13.9	53.9
79	23.8	8.8	48.8

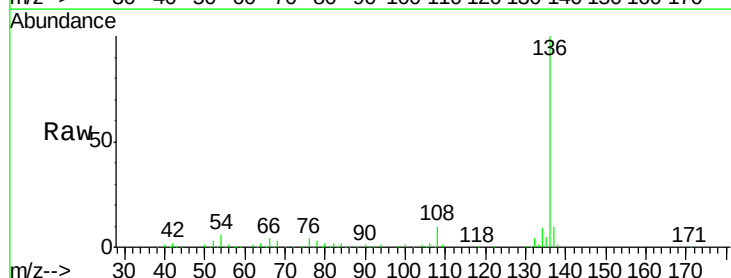


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

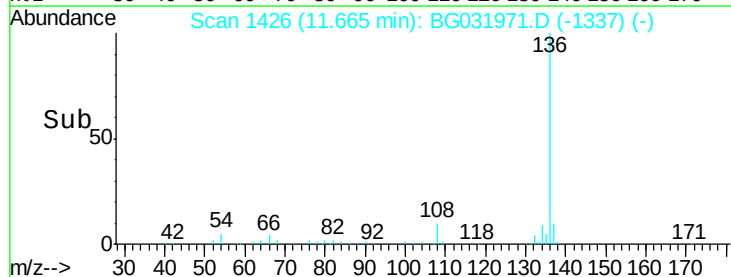
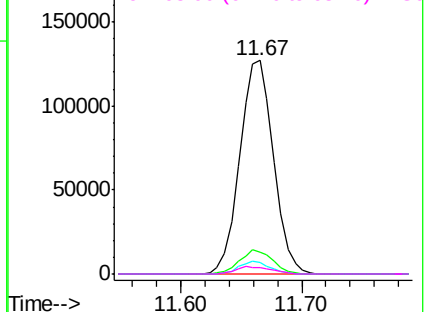


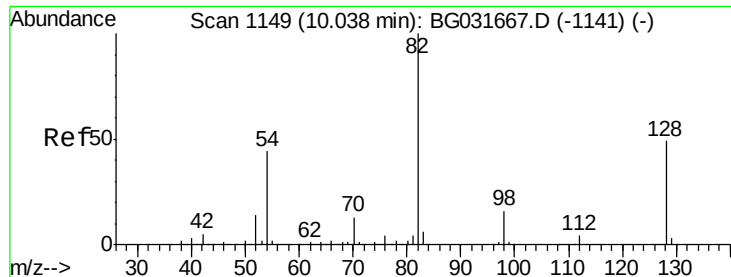
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.67 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BG031971.D
Acq: 10 Jan 2018 7:41

Tgt Ion:	136	Resp:	245988
Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.2	13.8
54	5.5	10.3	15.5#
68	3.3	4.5	6.7#



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

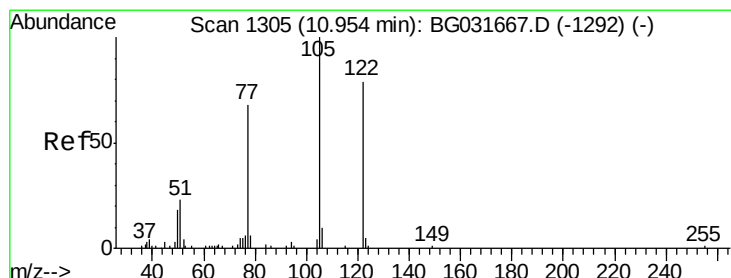
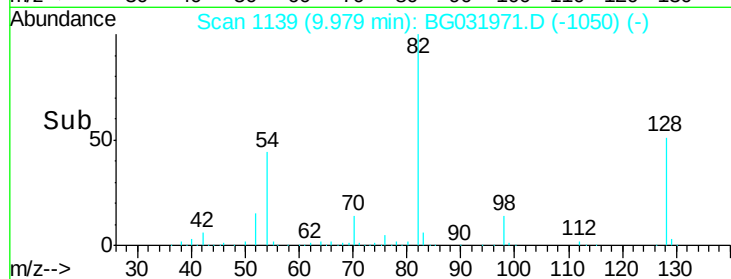
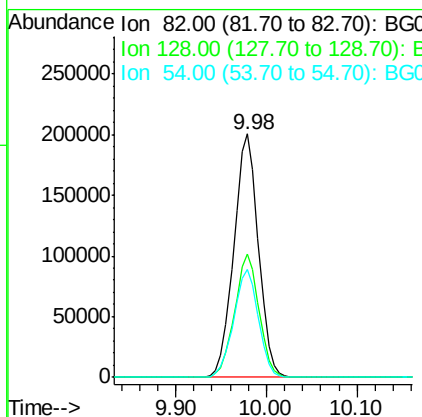
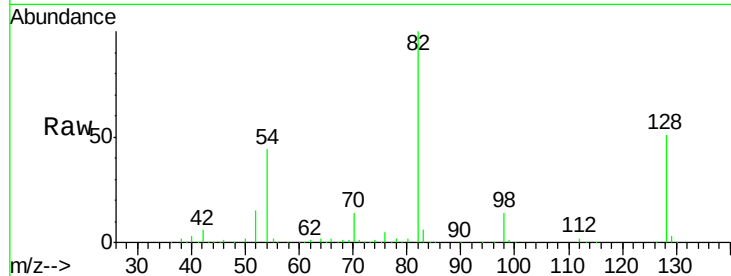




#23
 Nitrobenzene-d5
 Concen: 116.049 ng
 RT: 9.98 min Scan# 1139
 Delta R.T. -0.01 min
 Lab File: BG031971.D
 Acq: 10 Jan 2018 7:41

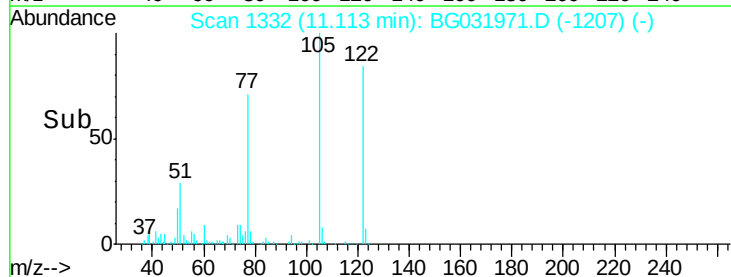
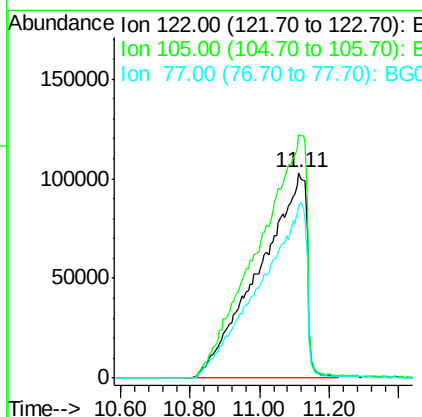
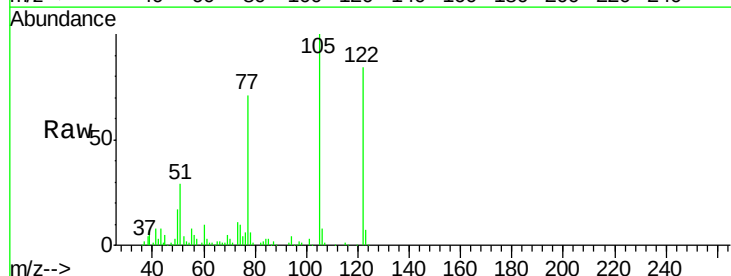
Instrument :
 BNA_G
 ClientSampleId :
 OWS-1

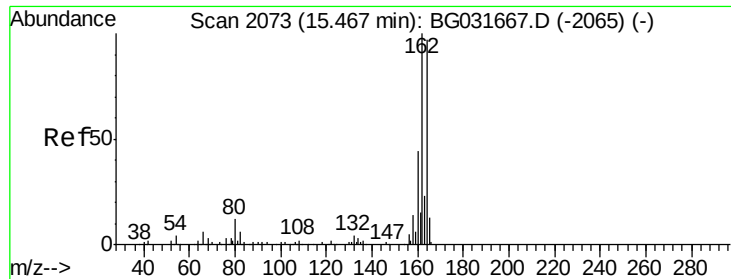
Tgt Ion: 82 Resp: 378040
 Ion Ratio Lower Upper
 82 100
 128 50.9 29.7 44.5#
 54 44.4 43.1 64.7



#32
 Benzoic acid
 Concen: 340.209 ng
 RT: 11.11 min Scan# 1332
 Delta R.T. 0.20 min
 Lab File: BG031971.D
 Acq: 10 Jan 2018 7:41

Tgt Ion: 122 Resp: 979020
 Ion Ratio Lower Upper
 122 100
 105 118.4 123.5 163.5#
 77 83.9 85.7 125.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.41 min Scan# 2063

Delta R.T. -0.02 min

Lab File: BG031971.D

Acq: 10 Jan 2018 7:41

Instrument :

BNA_G

ClientSampleId :

OWS-1

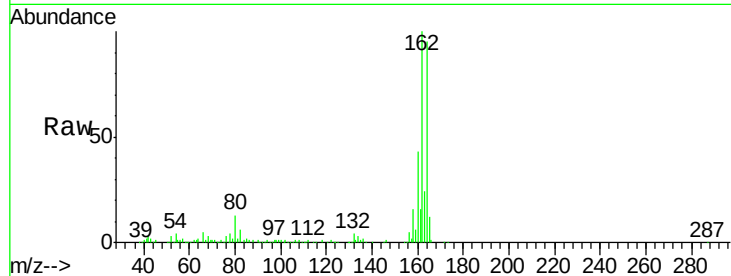
Tgt Ion:164 Resp: 167542

Ion Ratio Lower Upper

164 100

162 105.5 78.8 118.2

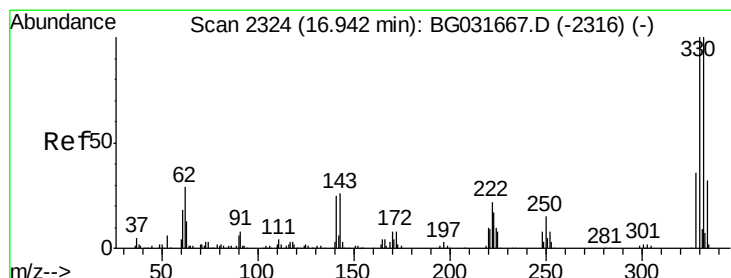
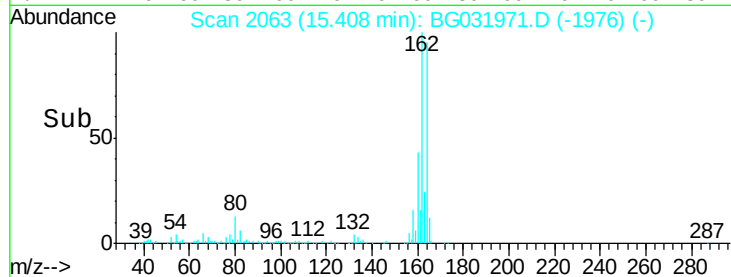
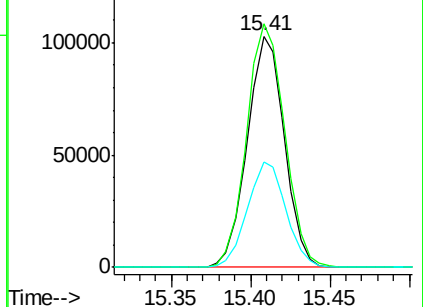
160 45.9 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 172.389 ng

RT: 16.88 min Scan# 2314

Delta R.T. -0.02 min

Lab File: BG031971.D

Acq: 10 Jan 2018 7:41

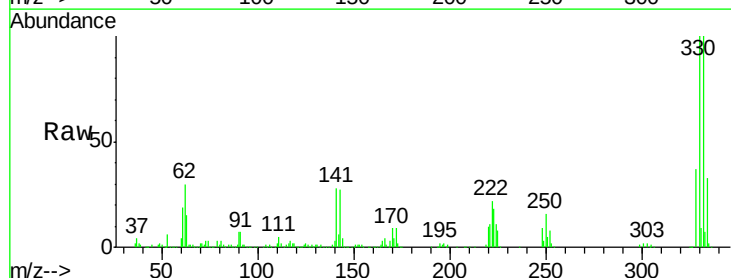
Tgt Ion:330 Resp: 440705

Ion Ratio Lower Upper

330 100

332 98.4 77.0 115.6

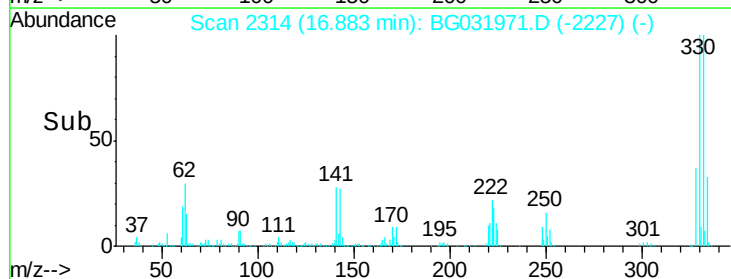
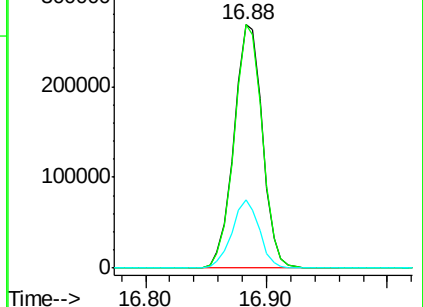
141 27.1 25.2 37.8

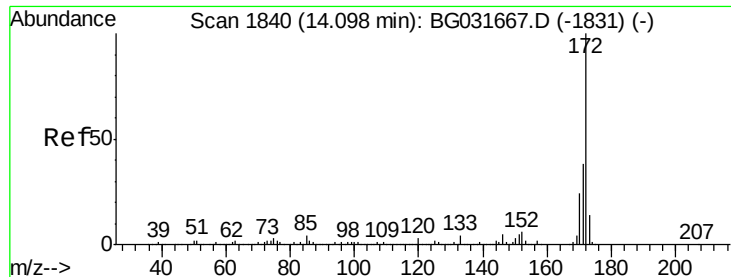


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

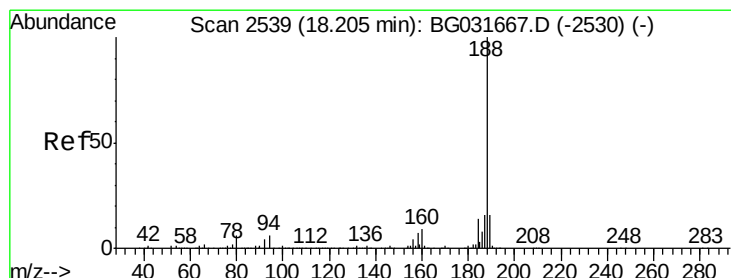
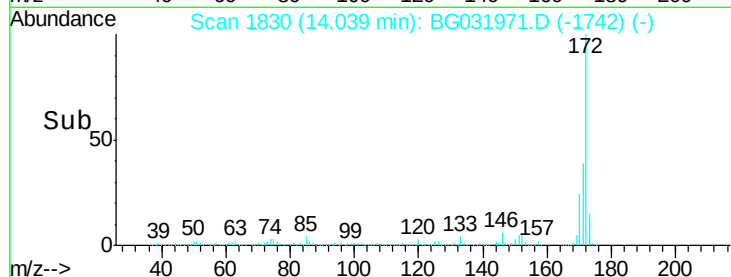
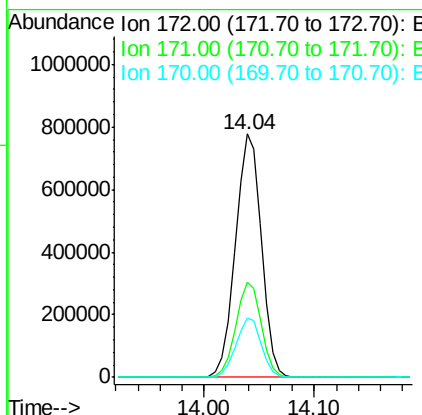
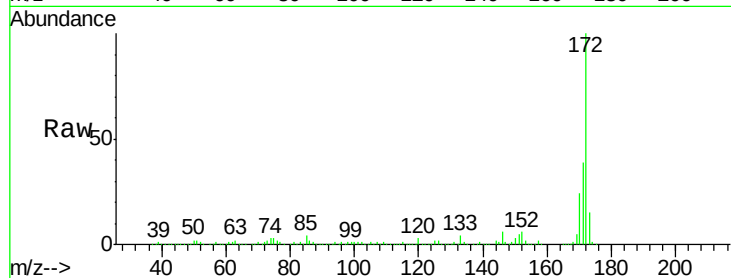




#44
 2-Fluorobiphenyl
 Concen: 95.952 ng
 RT: 14.04 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BG031971.D
 Acq: 10 Jan 2018 7:41

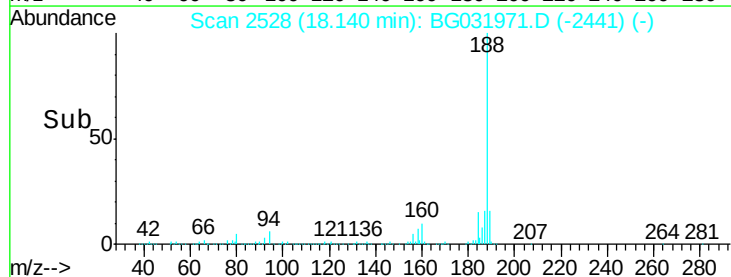
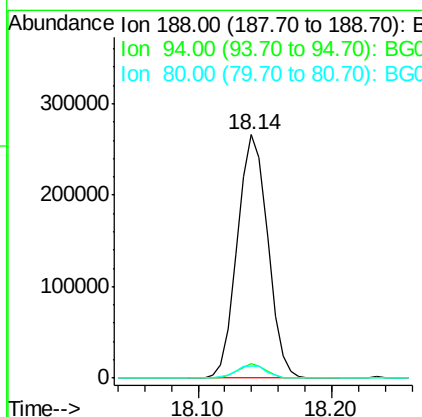
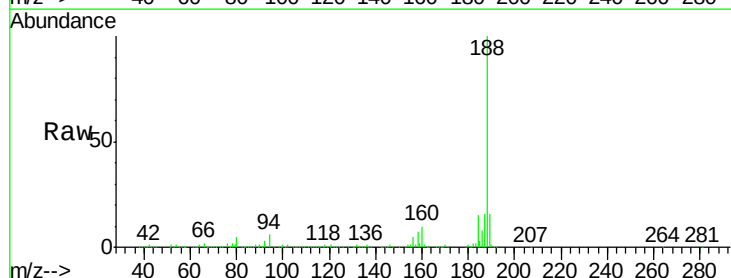
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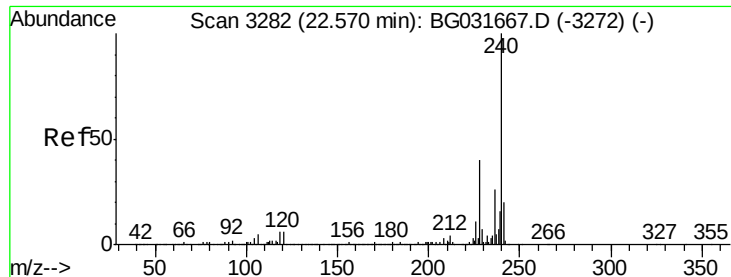
Tgt Ion:172 Resp: 1280813
 Ion Ratio Lower Upper
 172 100
 171 38.8 30.0 45.0
 170 24.3 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.14 min Scan# 2528
 Delta R.T. -0.02 min
 Lab File: BG031971.D
 Acq: 10 Jan 2018 7:41

Tgt Ion:188 Resp: 420805
 Ion Ratio Lower Upper
 188 100
 94 5.7 6.9 10.3#
 80 5.1 7.7 11.5#

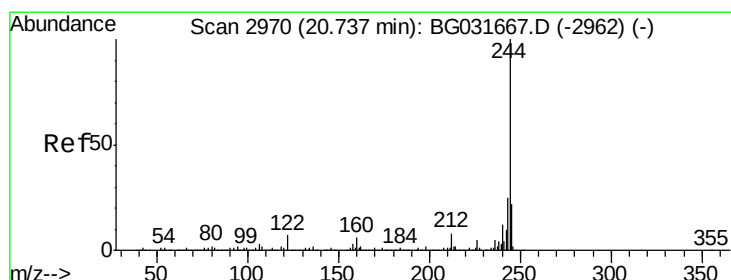
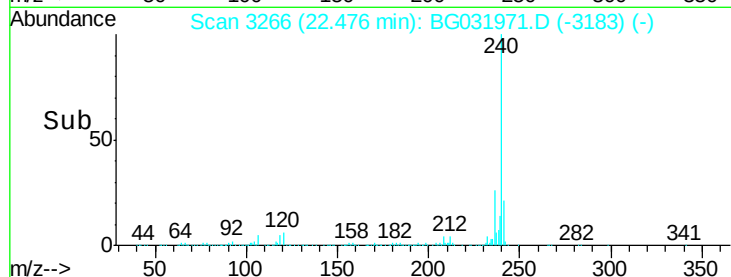
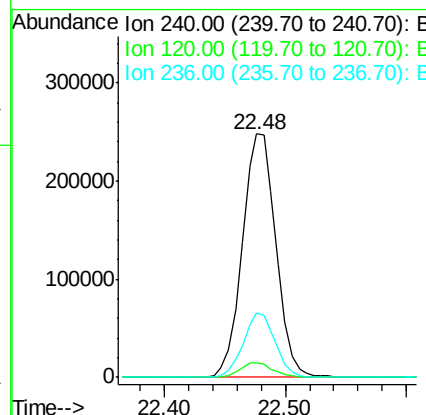
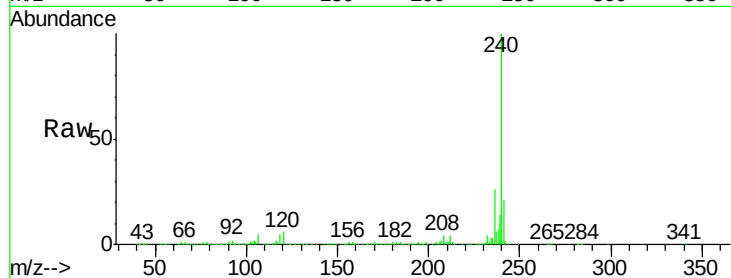




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.48 min Scan# 3266
 Delta R.T. -0.04 min
 Lab File: BG031971.D
 Acq: 10 Jan 2018 7:41

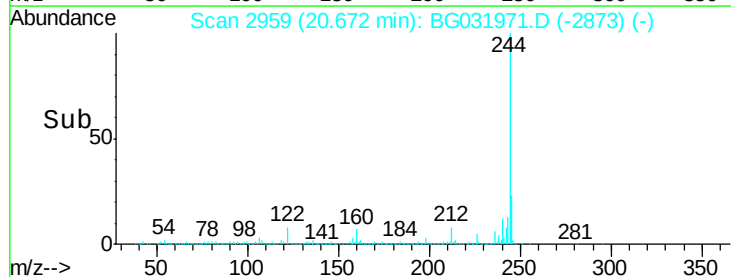
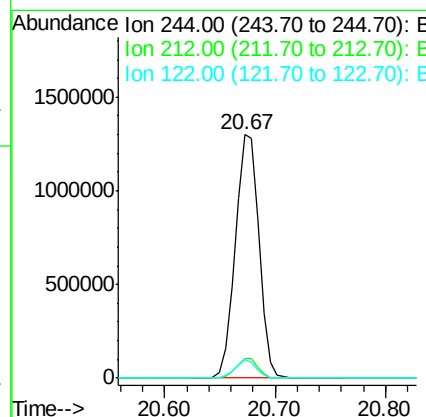
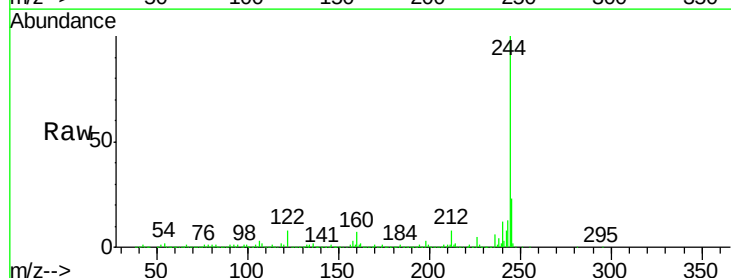
Instrument :
 BNA_G
 ClientSampleId :
 OWS-1

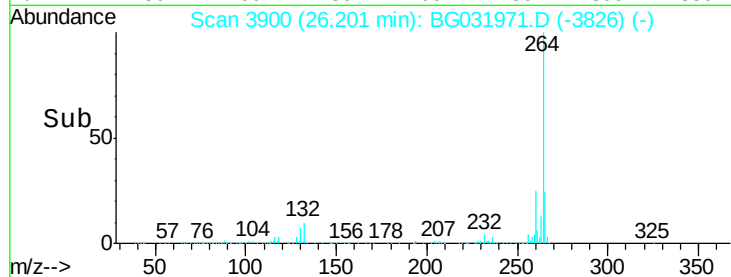
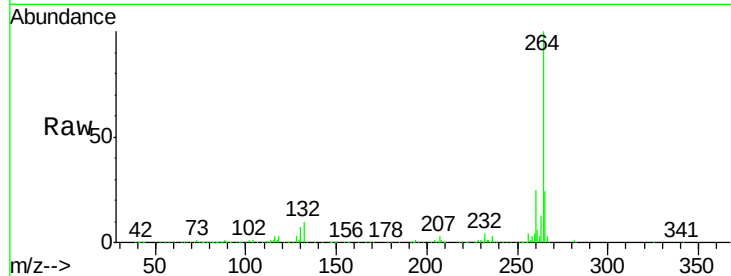
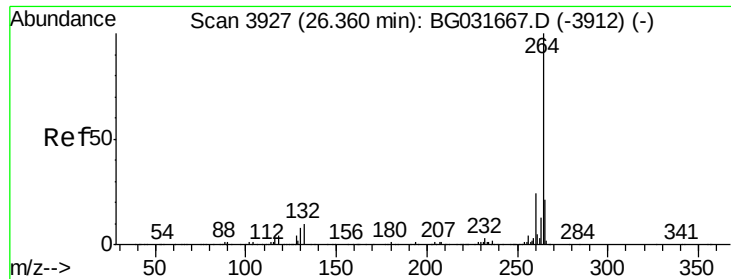
Tgt Ion:240 Resp: 479188
 Ion Ratio Lower Upper
 240 100
 120 6.0 6.8 10.2#
 236 26.3 20.9 31.3



#78
 Terphenyl-d14
 Concen: 93.170 ng
 RT: 20.67 min Scan# 2959
 Delta R.T. -0.03 min
 Lab File: BG031971.D
 Acq: 10 Jan 2018 7:41

Tgt Ion:244 Resp: 1954164
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.8 8.8
 122 7.5 7.0 10.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 26.20 min Scan# 3900

Delta R.T. -0.10 min

Lab File: BG031971.D

Acq: 10 Jan 2018 7:41

Instrument :

BNA_G

ClientSampleId :

OWS-1

Tgt Ion:264 Resp: 468437

Ion Ratio Lower Upper

264 100

260 25.4 17.4 26.0

265 23.9 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

