

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040218\
 Data File : BG033485.D
 Acq On : 2 Apr 2018 13:46
 Operator : SJ/JU
 Sample : J2098-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 03 03:58:04 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:34:58 2018
 Response via : Initial Calibration

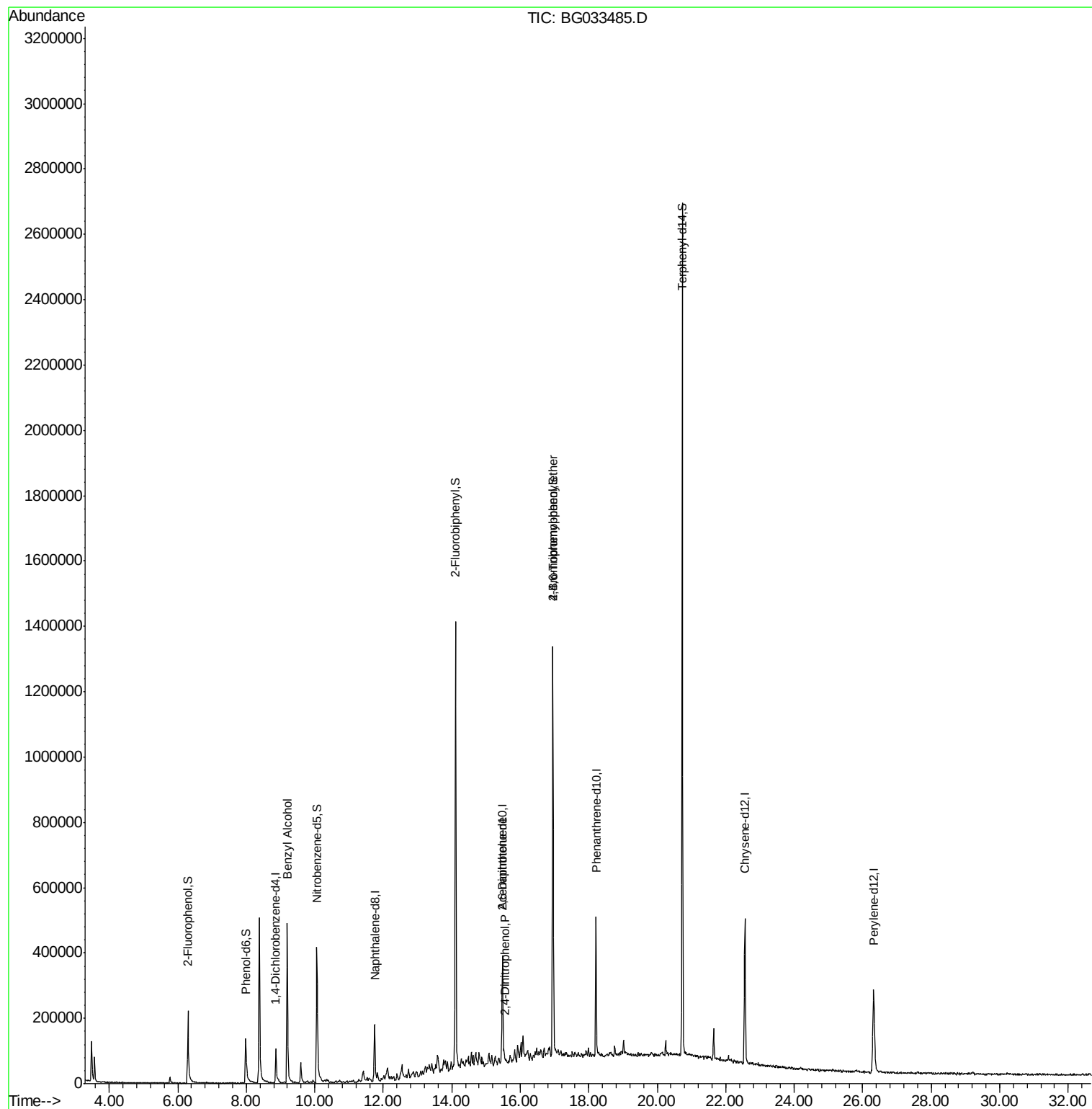
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	38308	20.00	ng	-0.01
21) Naphthalene-d8	11.74	136	171105	20.00	ng	-0.01
38) Acenaphthene-d10	15.48	164	128592	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	314839	20.00	ng	0.00
75) Chrysene-d12	22.56	240	333617	20.00	ng	0.00
86) Perylene-d12	26.31	264	357537	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	116637	57.09	ng	0.00
7) Phenol-d6	7.98	99	115016	32.77	ng	0.00
23) Nitrobenzene-d5	10.06	82	326558	87.69	ng	-0.01
41) 2,4,6-Tribromophenol	16.95	330	262563	136.52	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	806700	90.56	ng	0.00
78) Terphenyl-d14	20.73	244	1315978	84.36	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.20	79	5776	2.090	ng	# 27
50) 2,6-Dinitrotoluene	15.48	165	17803	7.780	ng	# 24
53) 2,4-Dinitrophenol	15.57	184	66	7.693	ng	# 47
66) 4-Bromophenyl-phenylether	16.95	248	19269	5.211	ng	# 1

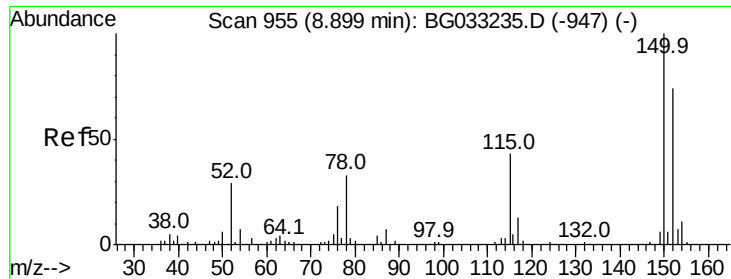
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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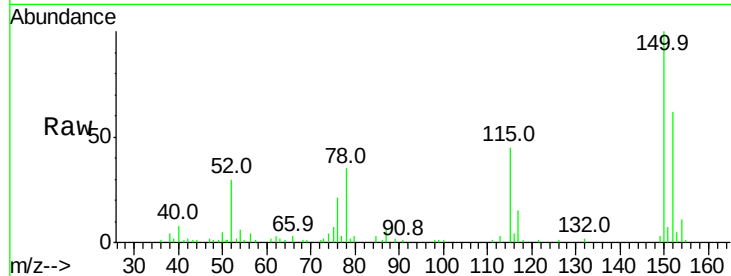


#1

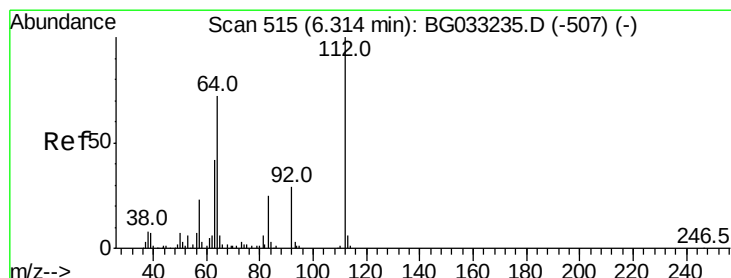
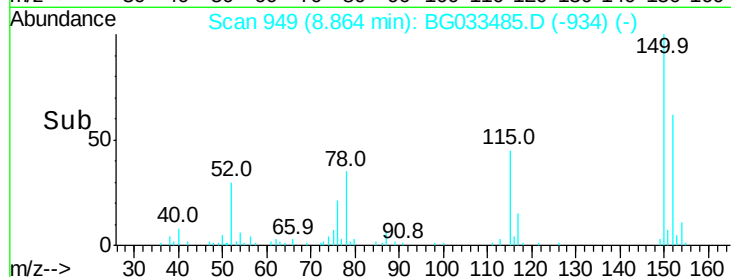
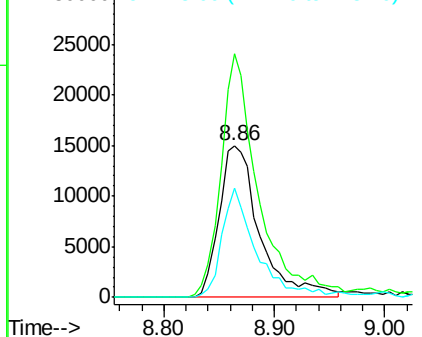
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG033485.D
Acq: 2 Apr 2018 13:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 38308
Ion Ratio Lower Upper
152 100
150 160.7 126.6 189.8
115 72.3 53.0 79.4



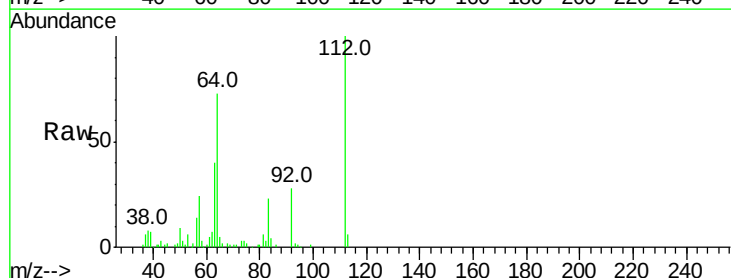
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



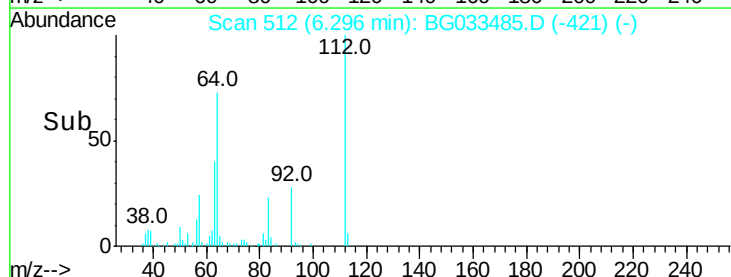
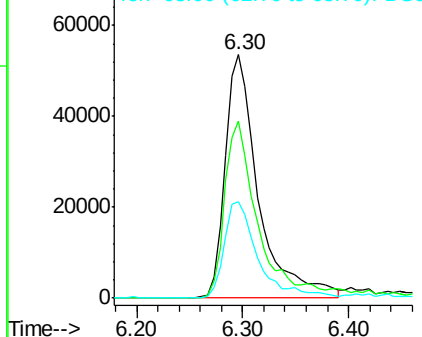
#5

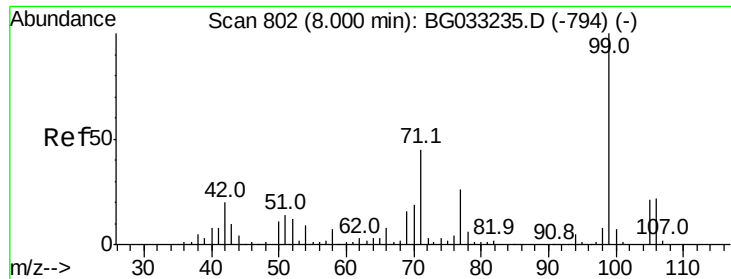
2-Fluorophenol
Concen: 57.092 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.00 min
Lab File: BG033485.D
Acq: 2 Apr 2018 13:46

Tgt Ion:112 Resp: 116637
Ion Ratio Lower Upper
112 100
64 72.9 56.3 84.5
63 39.7 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: 32.766 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG033485.D

Acq: 2 Apr 2018 13:46

Instrument :

BNA_G

ClientSampled :

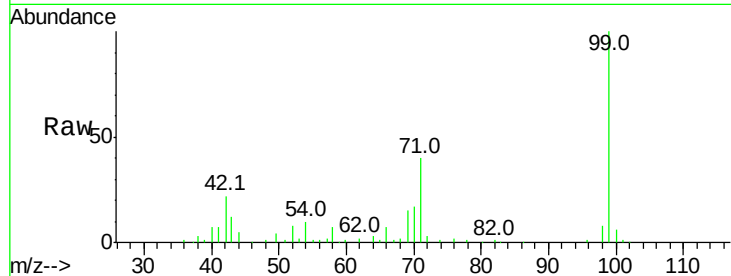
Tot Ion: 99 Resp: 115016

Ion Ratio Lower Upper

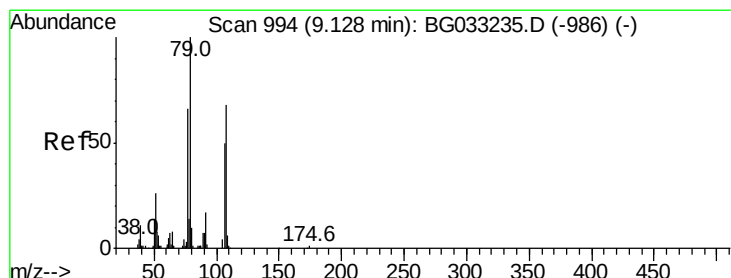
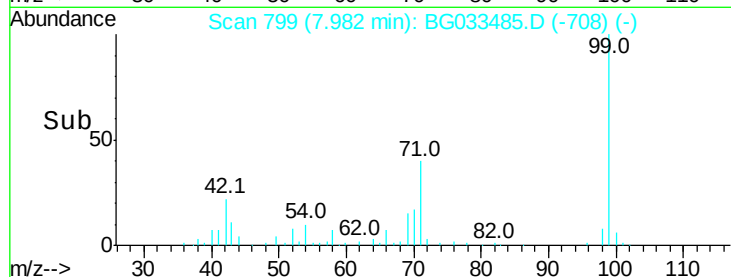
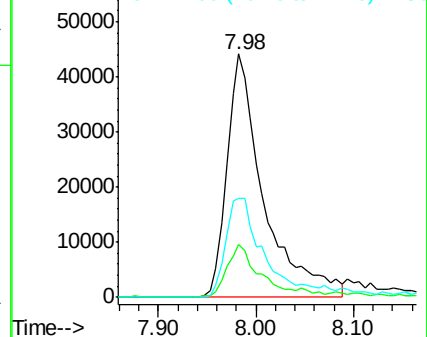
99 100

42 21.9 14.1 21.1#

71 40.5 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



#15

Benzyl Alcohol

Concen: 2.090 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.09 min

Lab File: BG033485.D

Acq: 2 Apr 2018 13:46

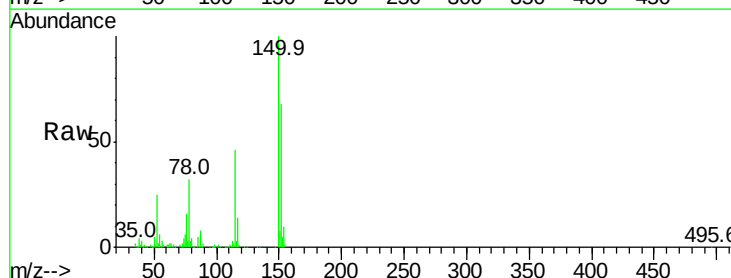
Tgt Ion: 79 Resp: 5776

Ion Ratio Lower Upper

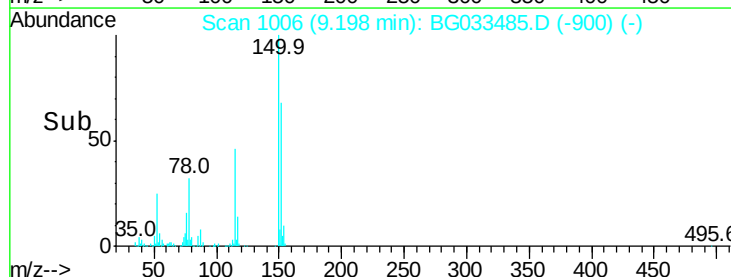
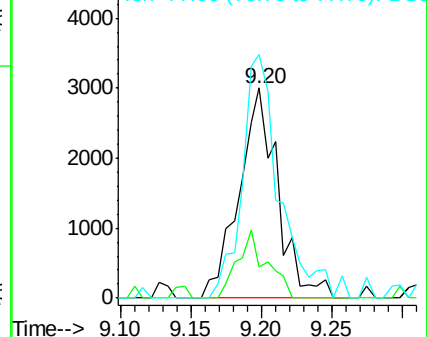
79 100

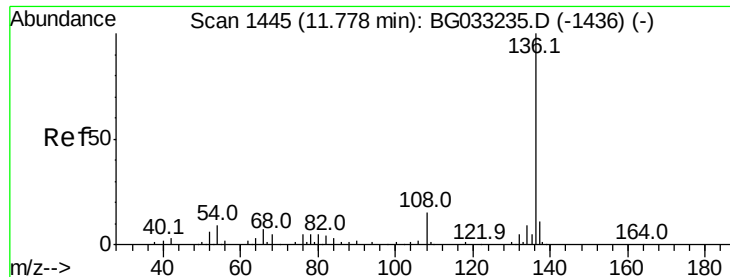
108 14.8 57.2 85.8#

77 116.1 46.1 69.1#



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

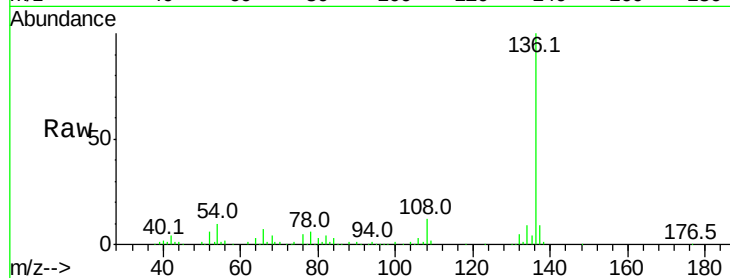




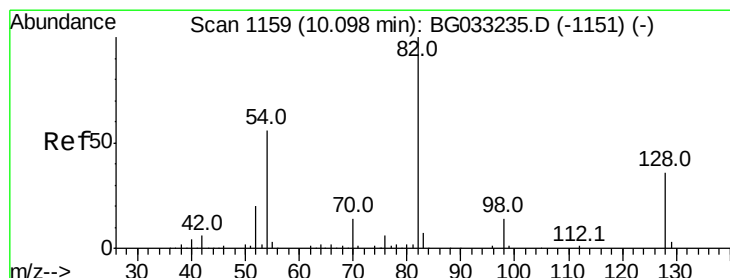
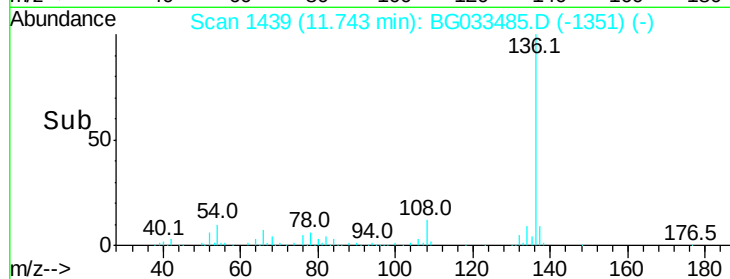
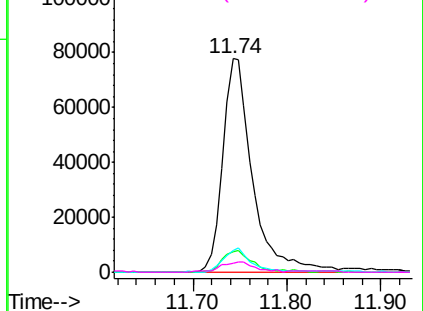
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BG033485.D
Acq: 2 Apr 2018 13:46

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	171105
Ion	Ratio	Lower Upper
136	100	
137	9.4	9.2 13.8
54	10.3	10.3 15.5
68	4.4	4.5 6.7#

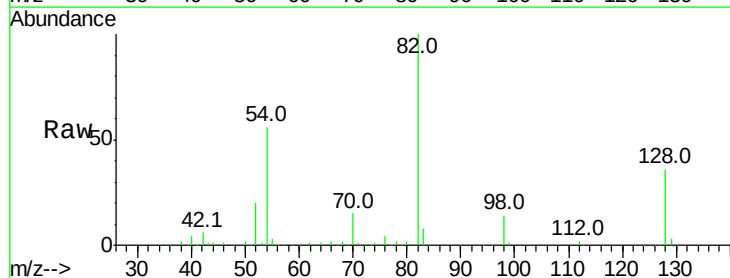


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

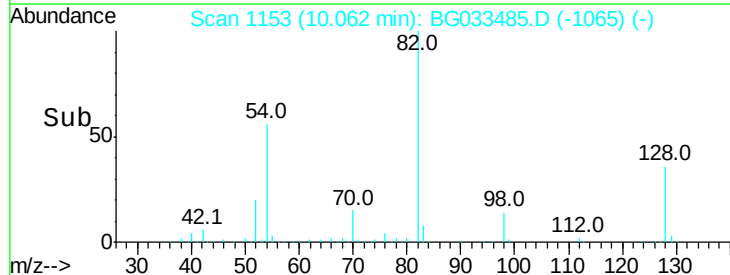
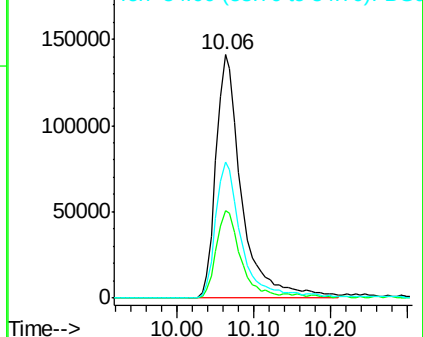


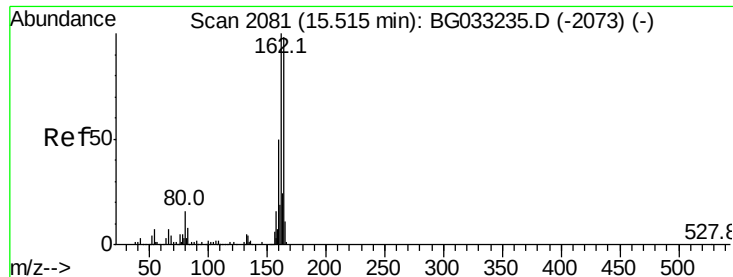
#23
Nitrobenzene-d5
Concen: 87.685 ng
RT: 10.06 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BG033485.D
Acq: 2 Apr 2018 13:46

Tgt Ion: 82	Resp:	326558
Ion	Ratio	Lower Upper
82	100	
128	35.8	29.7 44.5
54	55.8	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: 15.48 min Scan# 2075

Delta R.T. -0.01 min

Lab File: BG033485.D

Acq: 2 Apr 2018 13:46

Instrument :

BNA_G

ClientSampleId :

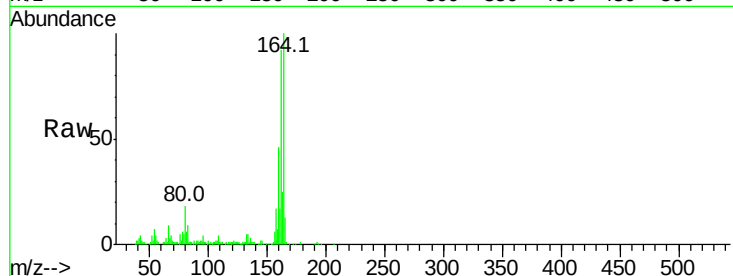
Tot Ion:164 Resp: 128592

Ion Ratio Lower Upper

164 100

162 91.7 78.8 118.2

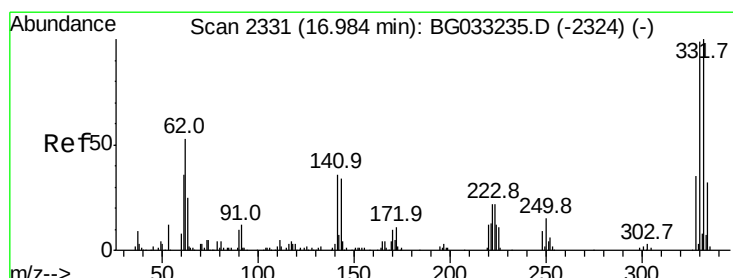
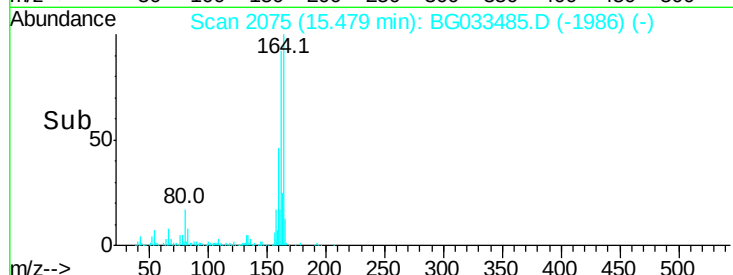
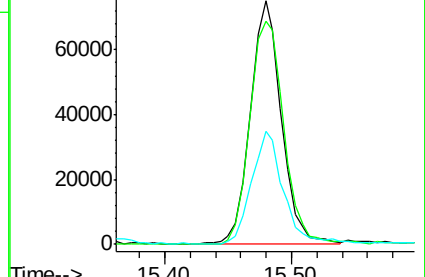
160 46.3 35.4 53.0



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: 136.521 ng

RT: 16.95 min Scan# 2326

Delta R.T. -0.00 min

Lab File: BG033485.D

Acq: 2 Apr 2018 13:46

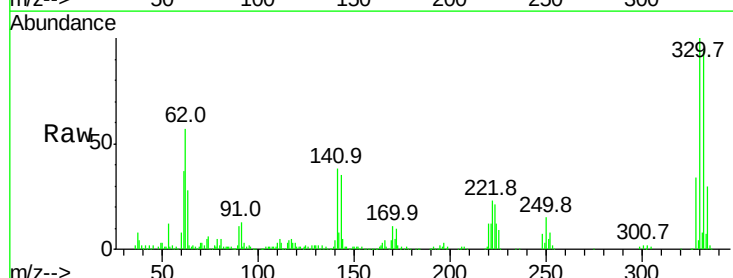
Tgt Ion:330 Resp: 262563

Ion Ratio Lower Upper

330 100

332 94.8 77.0 115.6

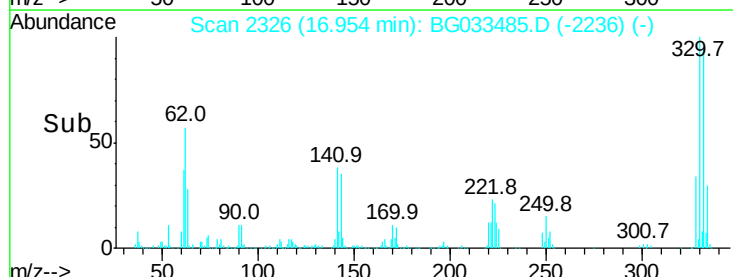
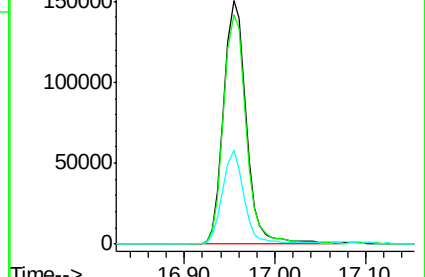
141 36.2 25.2 37.8

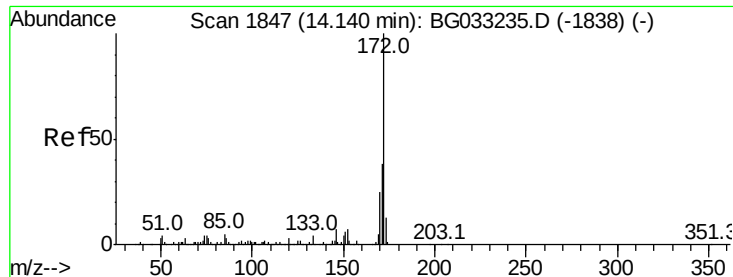


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 90.564 ng

RT: 14.11 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BG033485.D

Acq: 2 Apr 2018 13:46

Instrument :

BNA_G

ClientSampled :

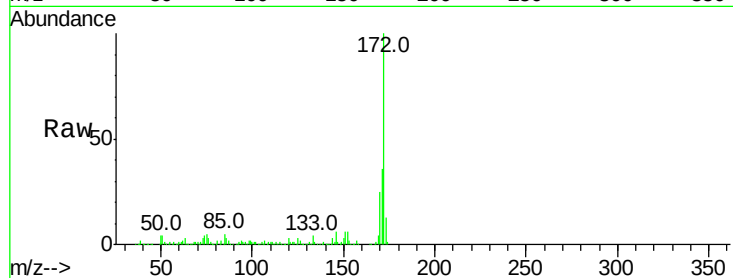
Tot Ion:172 Resp: 806700

Ion Ratio Lower Upper

172 100

171 36.5 30.0 45.0

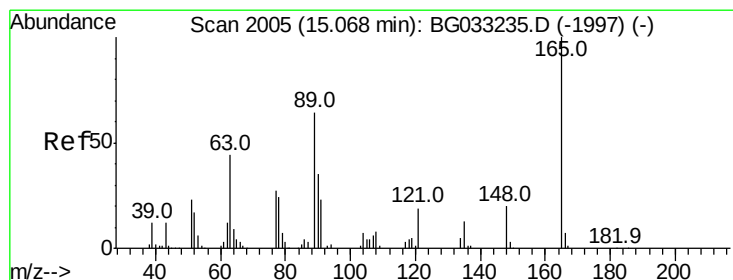
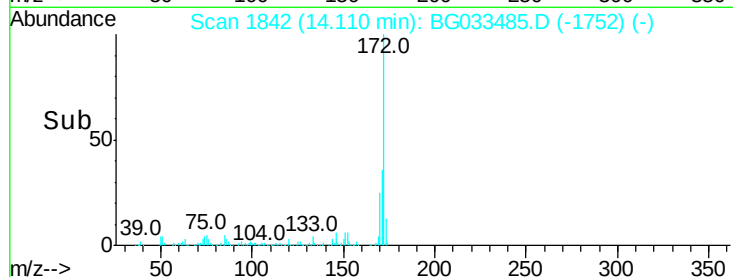
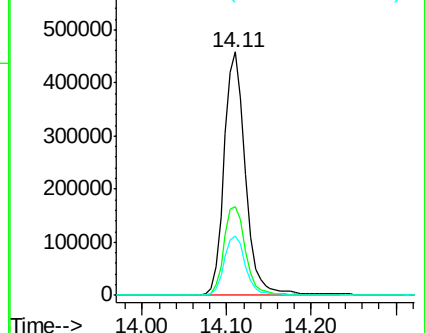
170 24.5 19.5 29.3



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



#50

2,6-Dinitrotoluene

Concen: 7.780 ng

RT: 15.48 min Scan# 2075

Delta R.T. 0.43 min

Lab File: BG033485.D

Acq: 2 Apr 2018 13:46

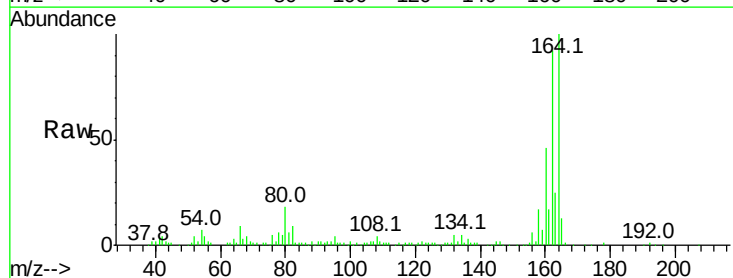
Tgt Ion:165 Resp: 17803

Ion Ratio Lower Upper

165 100

63 4.7 52.7 79.1#

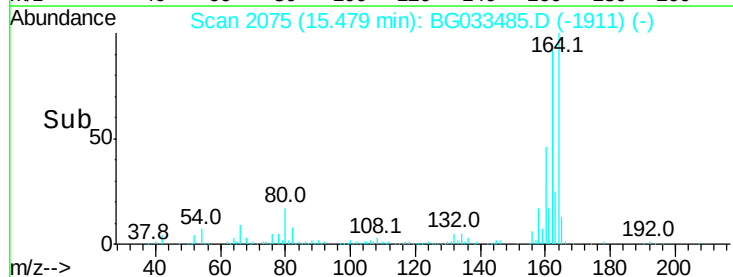
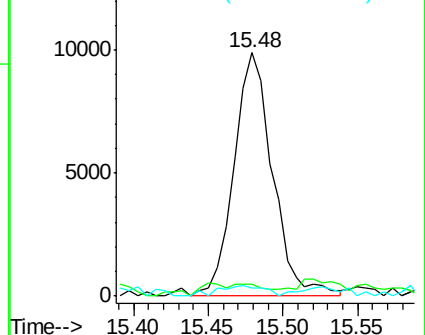
89 3.5 49.2 73.8#

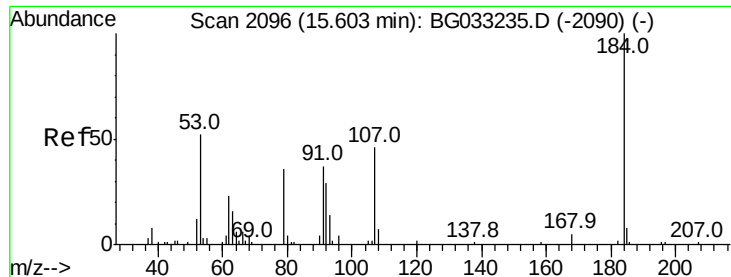


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

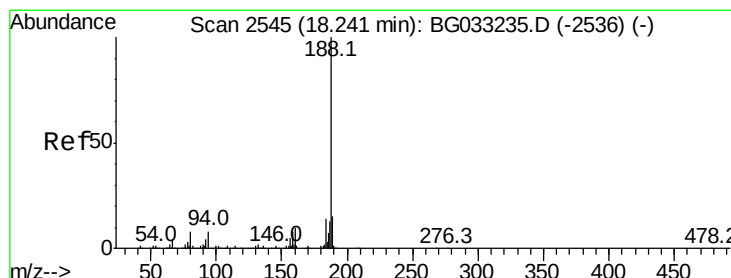
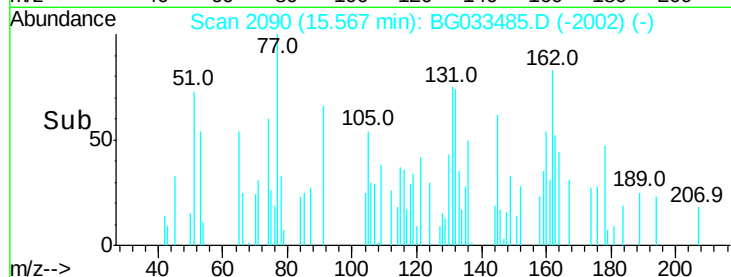
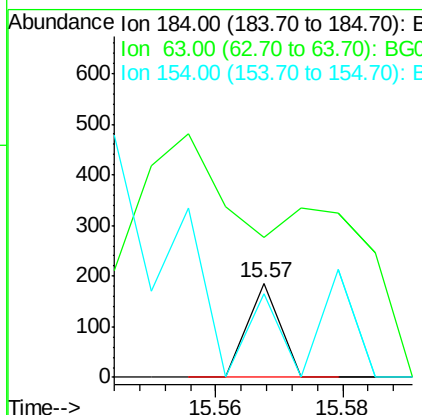
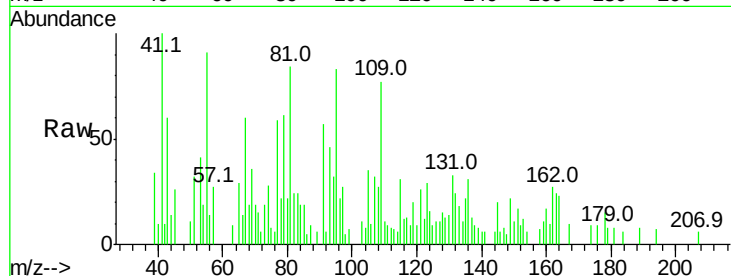




#53
 2,4-Dinitrophenol
 Concen: 7.693 ng
 RT: 15.57 min Scan# 2090
 Delta R.T. -0.01 min
 Lab File: BG033485.D
 Acq: 2 Apr 2018 13:46

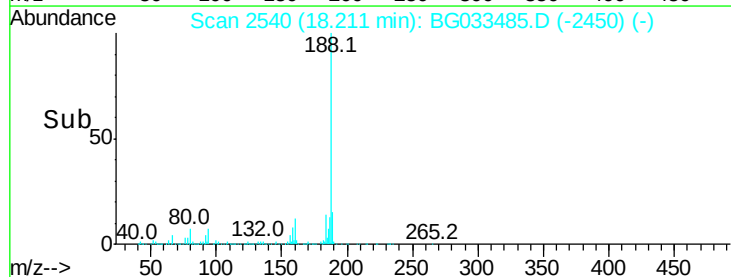
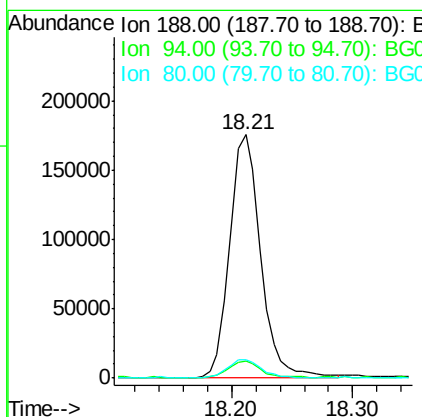
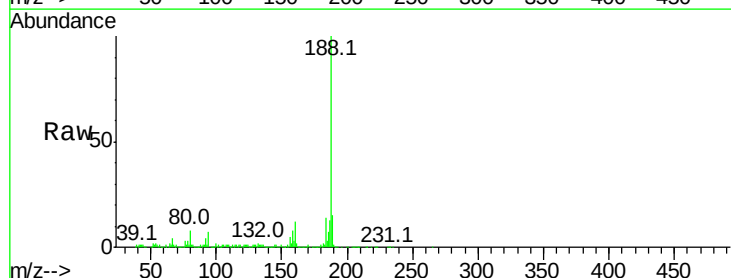
Instrument :
 BNA_G
 ClientSampled :

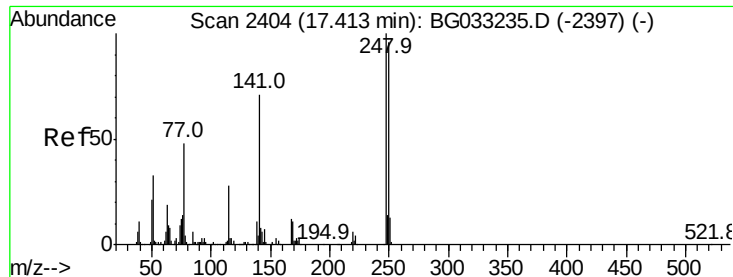
Tot Ion:184 Resp: 66
 Ion Ratio Lower Upper
 184 100
 63 148.4 59.8 89.8#
 154 89.2 101.8 152.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2540
 Delta R.T. -0.00 min
 Lab File: BG033485.D
 Acq: 2 Apr 2018 13:46

Tgt Ion:188 Resp: 314839
 Ion Ratio Lower Upper
 188 100
 94 7.0 6.9 10.3
 80 7.6 7.7 11.5#

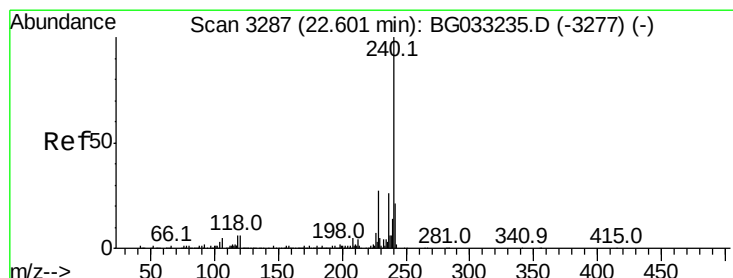
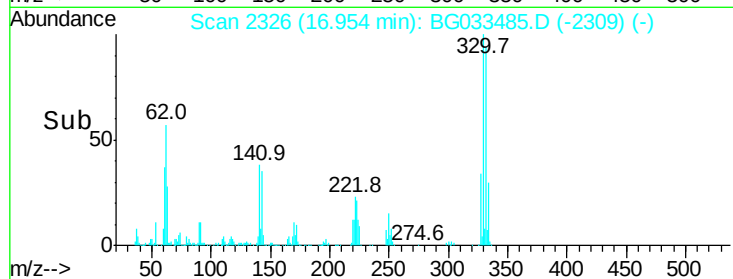
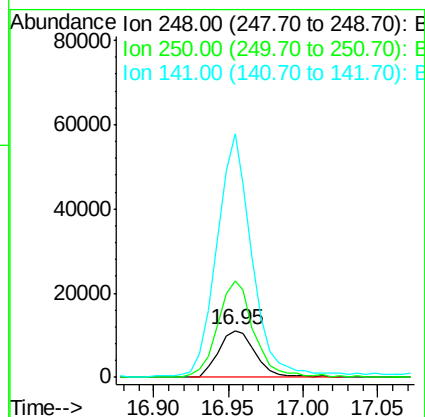
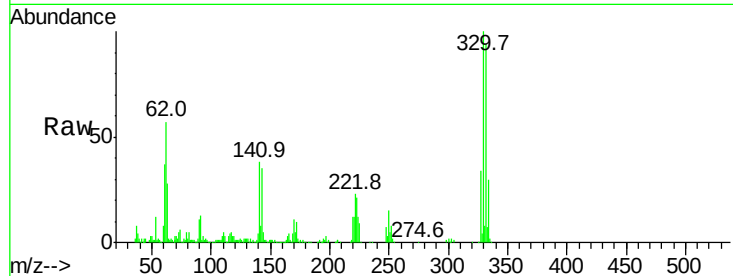




#66
4-Bromophenyl-phenylether
Concen: 5.211 ng
RT: 16.95 min Scan# 2326
Delta R.T. -0.43 min
Lab File: BG033485.D
Acq: 2 Apr 2018 13:46

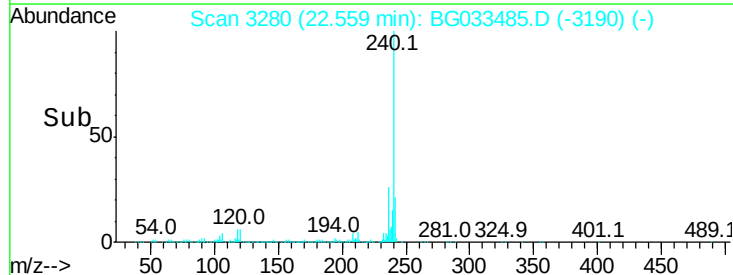
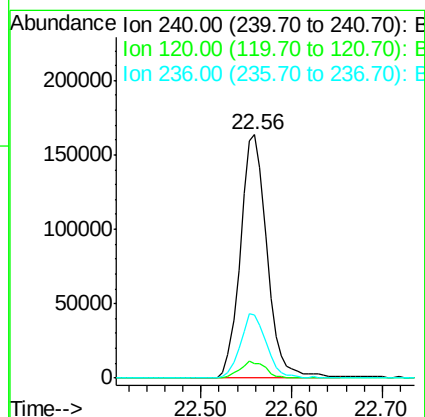
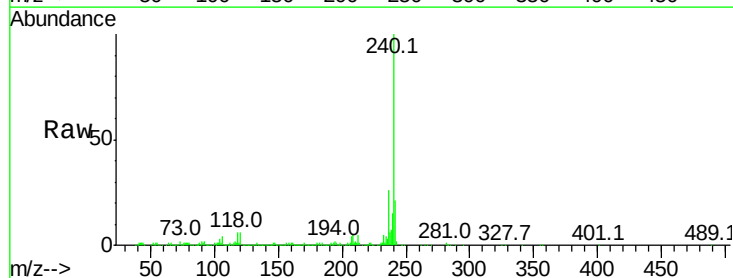
Instrument :
BNA_G
ClientSampleId :

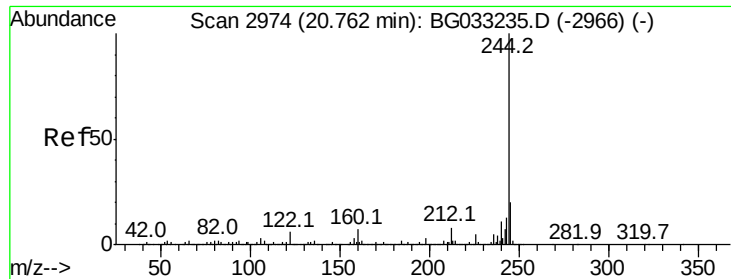
Tot Ion:248 Resp: 19269
Ion Ratio Lower Upper
248 100
250 204.8 77.1 115.7#
141 516.7 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3280
Delta R.T. -0.00 min
Lab File: BG033485.D
Acq: 2 Apr 2018 13:46

Tgt Ion:240 Resp: 333617
Ion Ratio Lower Upper
240 100
120 6.2 6.8 10.2#
236 25.8 20.9 31.3





#78

Terphenyl-d14

Concen: 84.359 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033485.D

Acq: 2 Apr 2018 13:46

Instrument :

BNA_G

ClientSampleId :

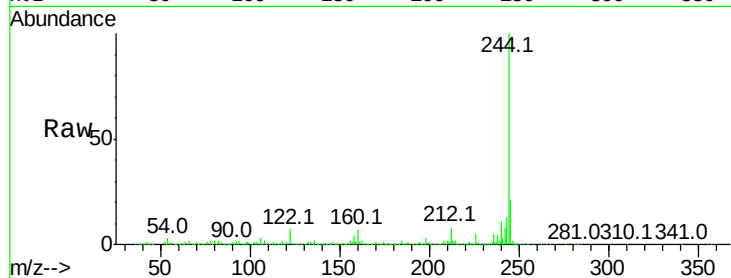
Tot Ion:244 Resp: 1315978

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

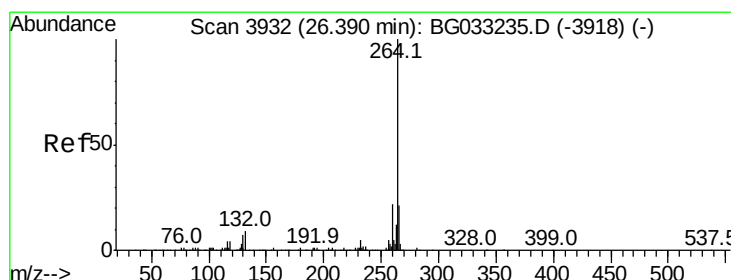
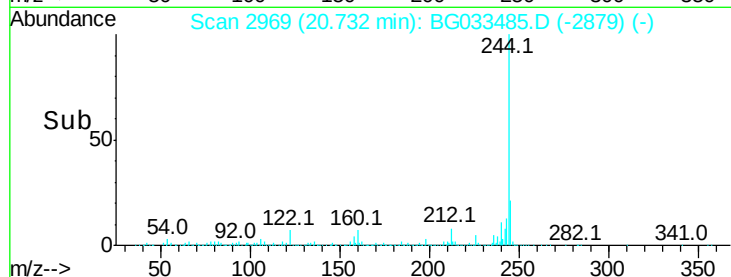
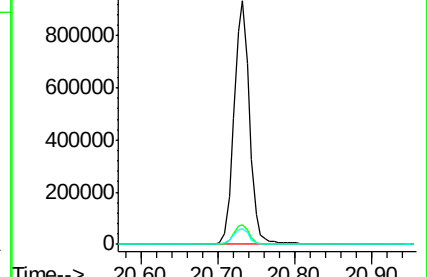
122 6.5 7.0 10.4#



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: 26.31 min Scan# 3919

Delta R.T. -0.02 min

Lab File: BG033485.D

Acq: 2 Apr 2018 13:46

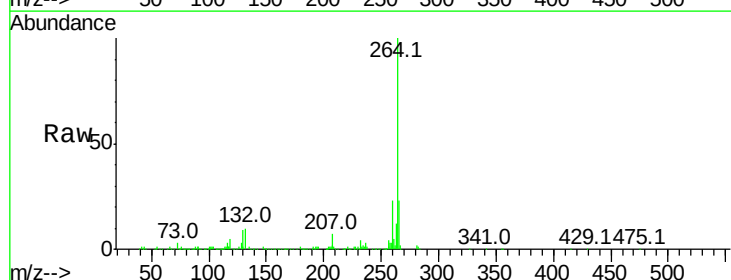
Tgt Ion:264 Resp: 357537

Ion Ratio Lower Upper

264 100

260 22.8 17.4 26.0

265 23.0 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

