

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 :
 LIP-22

Quant Time: Apr 03 04:18:54 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

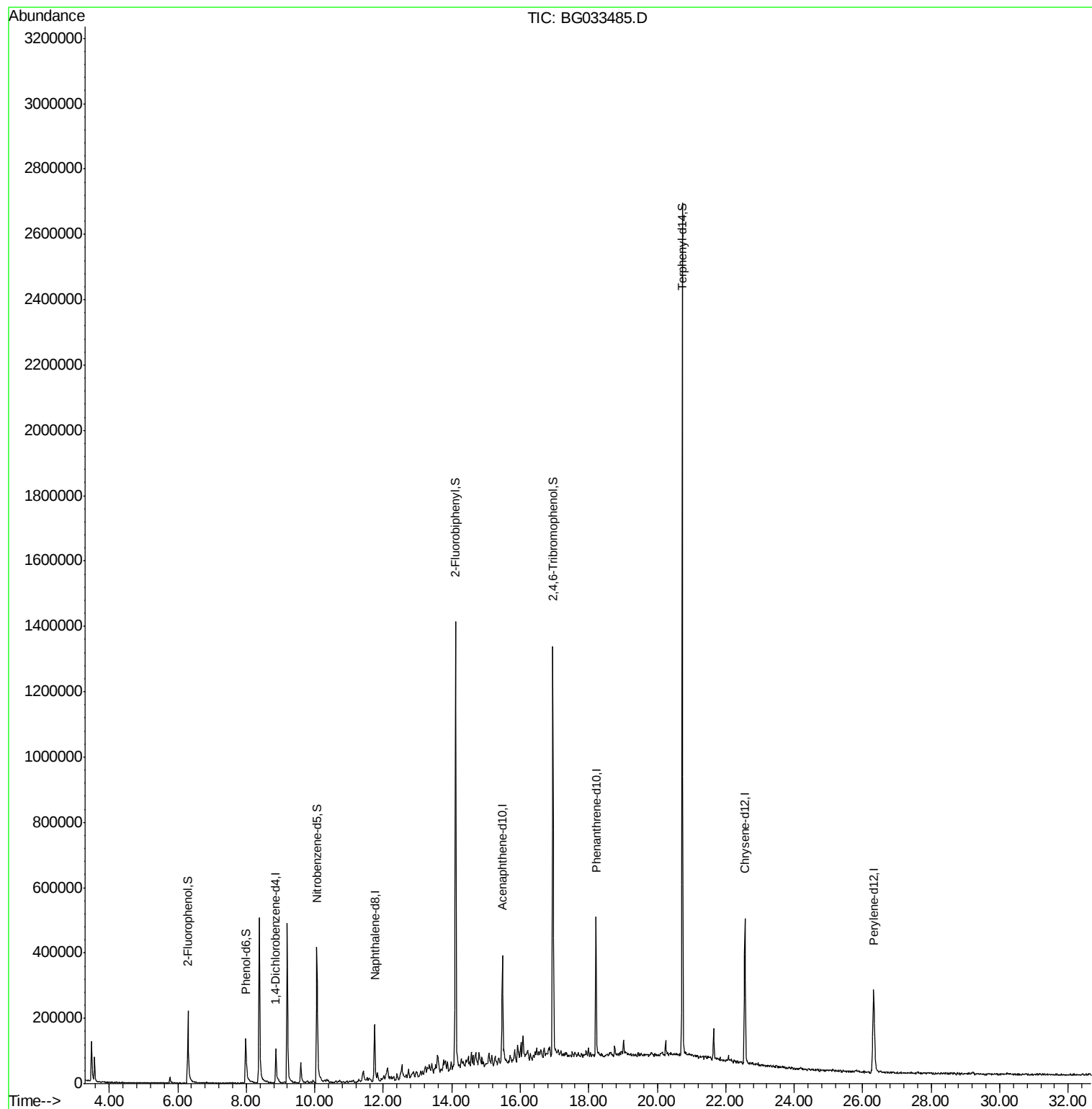
Target Compounds Qvalue

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

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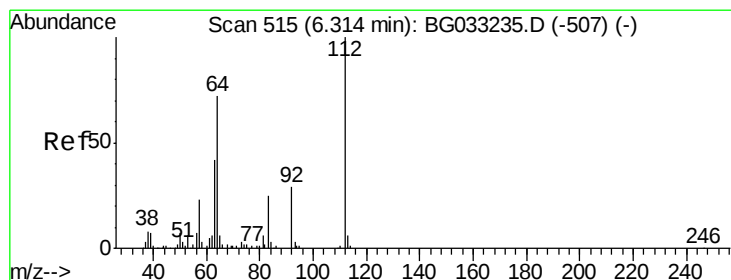
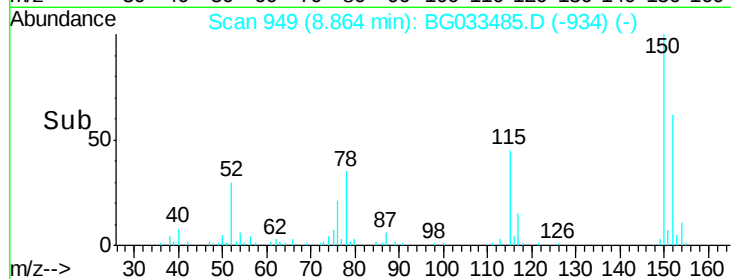
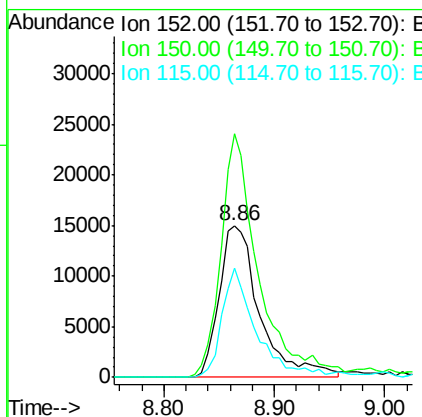
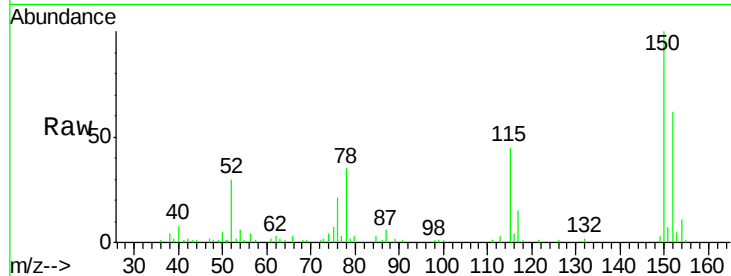




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.86 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BG033485.D
 Acq: 2 Apr 2018 13:46

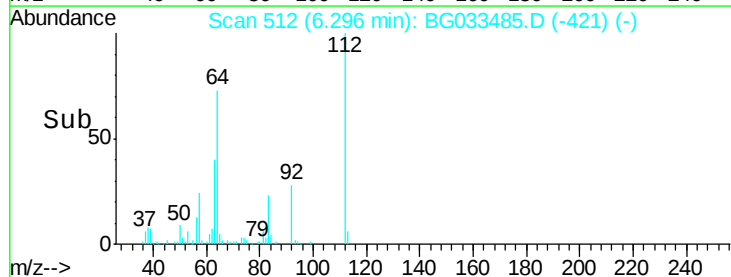
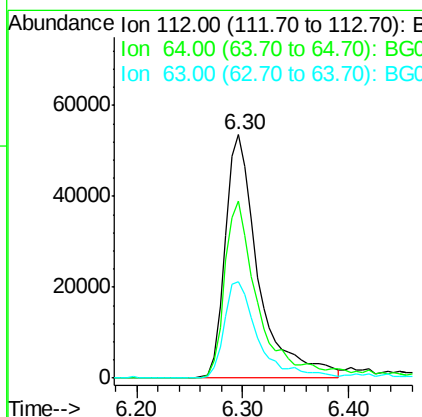
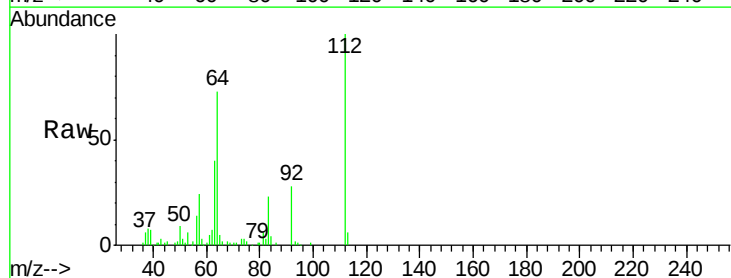
Instrument :
 BNA_G
 ClientSampleId :
 LIP-22

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



#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





#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 :

LIP-22

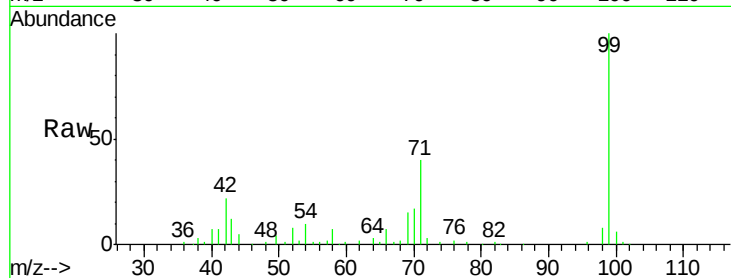
Tot Ion: 99 Resp: 115016

Ion Ratio Lower Upper

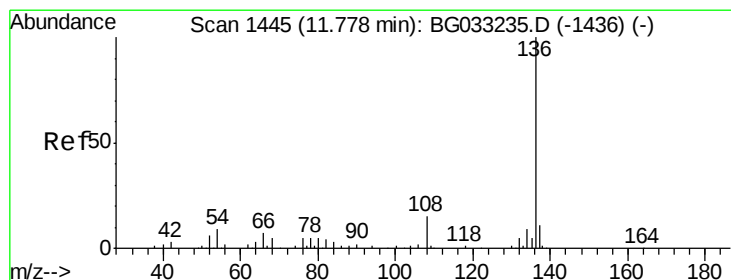
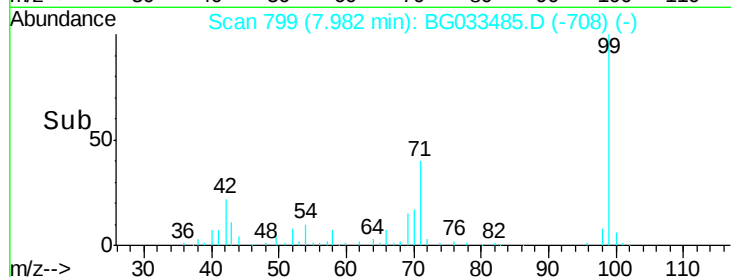
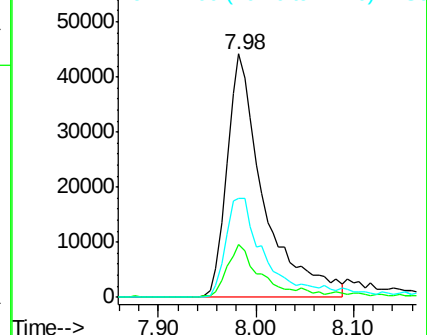
99 100

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



#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

Tgt Ion: 136 Resp: 171105

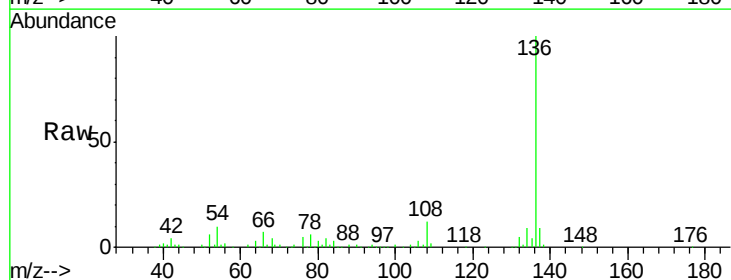
Ion Ratio Lower Upper

136 100

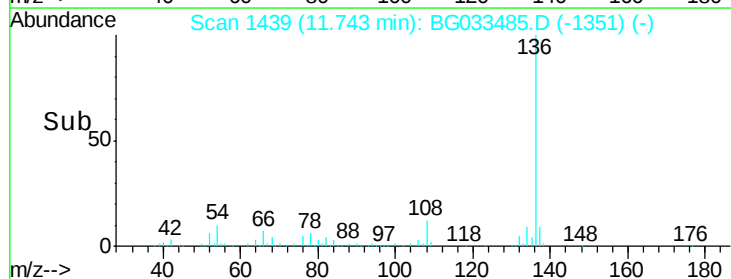
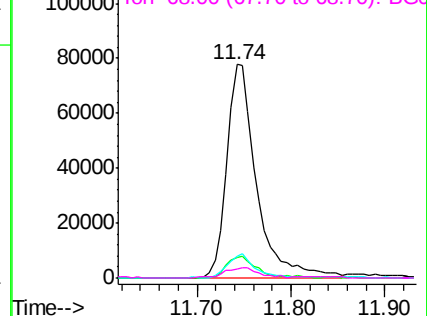
137 9.4 9.2 13.8

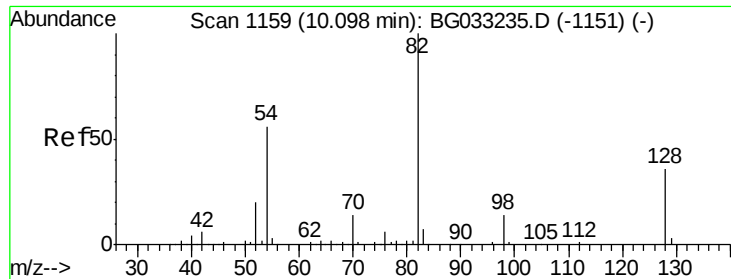
54 10.3 10.3 15.5

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

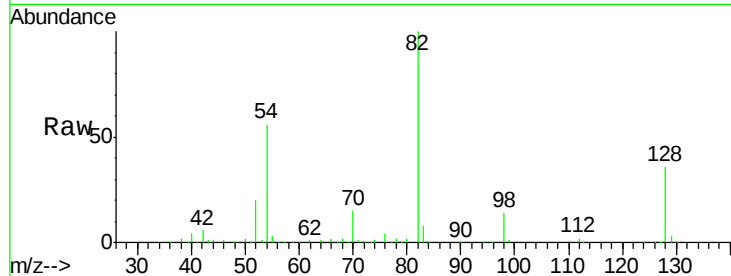




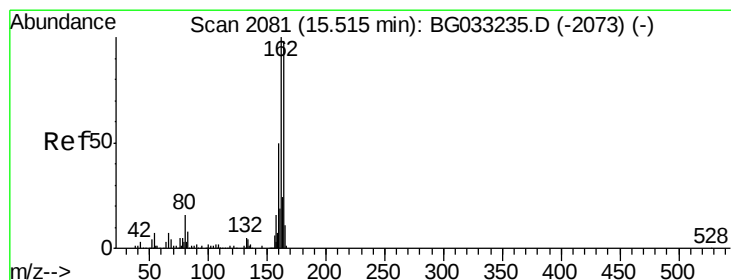
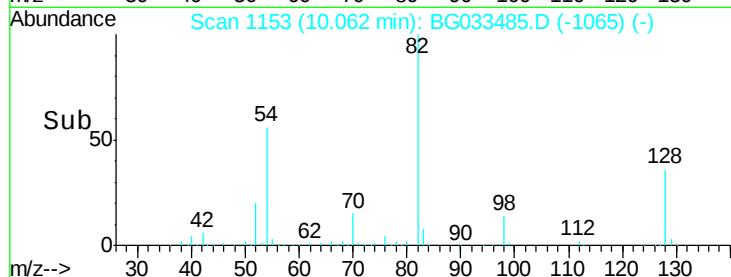
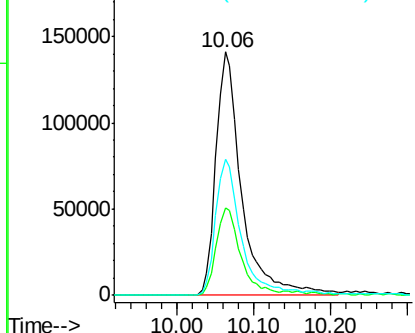
#23
 Nitrobenzene-d5
 Concen: 87.685 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BG033485.D
 Acq: 2 Apr 2018 13:46

Instrument :
 BNA_G
 ClientSampleId :
 LIP-22

Tot Ion: 82 Resp: 326558
 Ion Ratio Lower Upper
 82 100
 128 35.8 29.7 44.5
 54 55.8 43.1 64.7

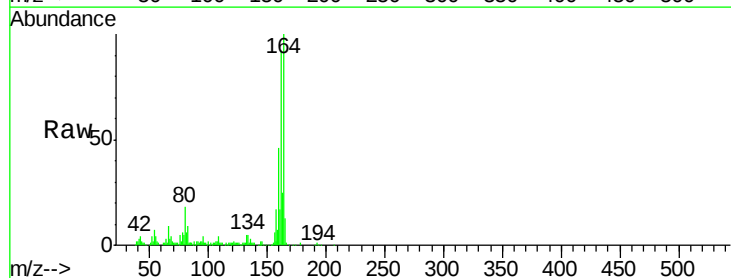


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

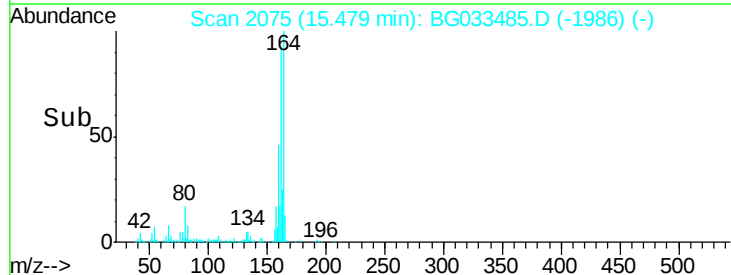
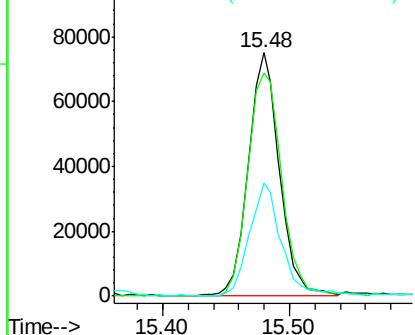


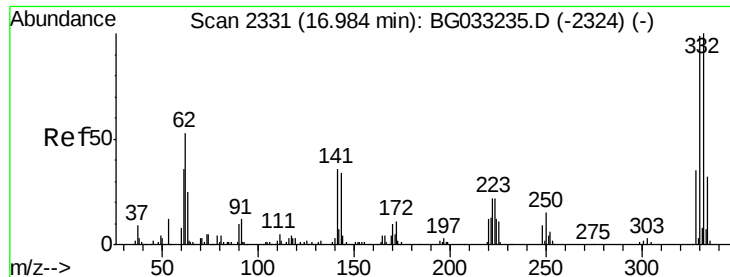
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.01 min
 Lab File: BG033485.D
 Acq: 2 Apr 2018 13:46

Tgt 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): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

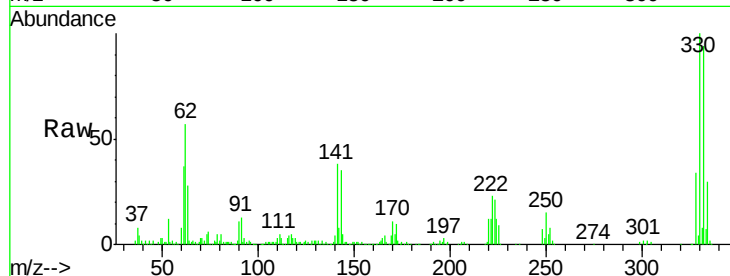




#41
 2,4,6-Tribromophenol
 Concen: 136.521 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033485.D
 Acq: 2 Apr 2018 13:46

Instrument :
 BNA_G
 ClientSampleId :
 LIP-22

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	36.2	25.2	37.8

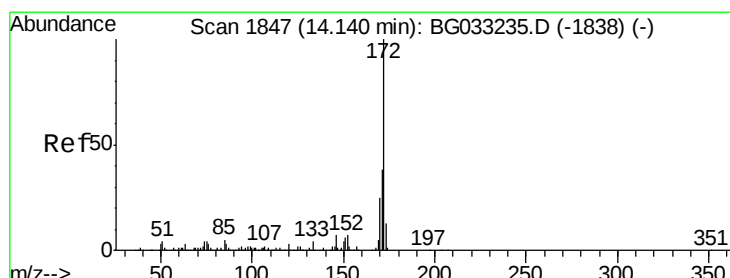
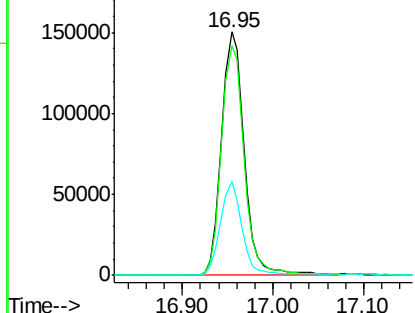
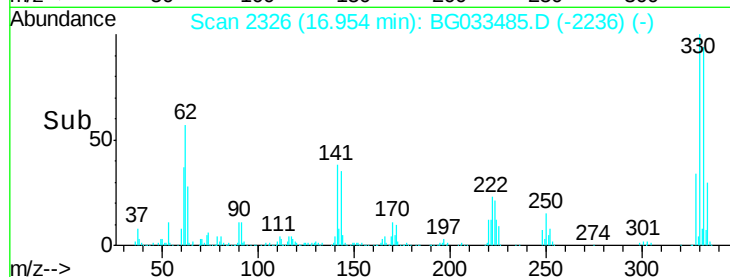


Abundance

Ion 329.80 (329.50 to 330.50): E

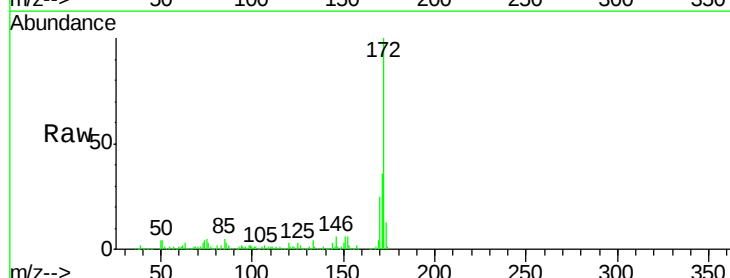
Ion 331.80 (331.50 to 332.50): E

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

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.0	45.0
170	24.5	19.5	29.3

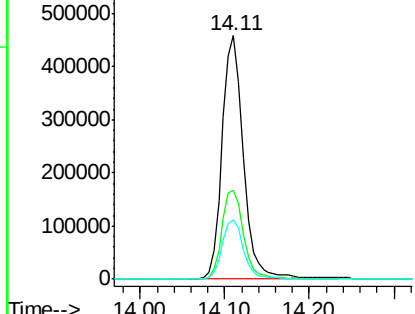
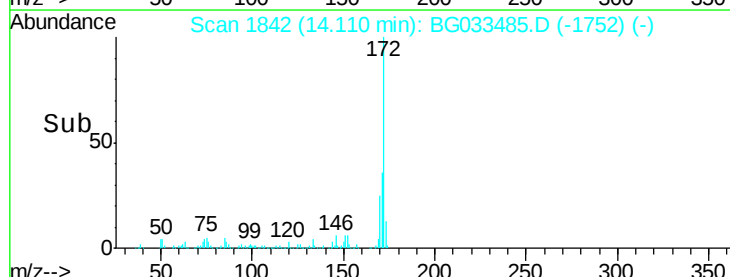


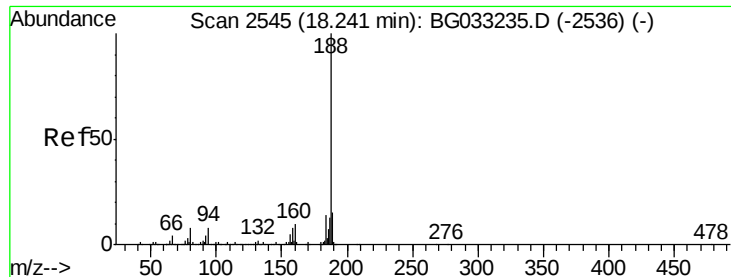
Abundance

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





#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

Instrument :

BNA_G

ClientSampleId :

LIP-22

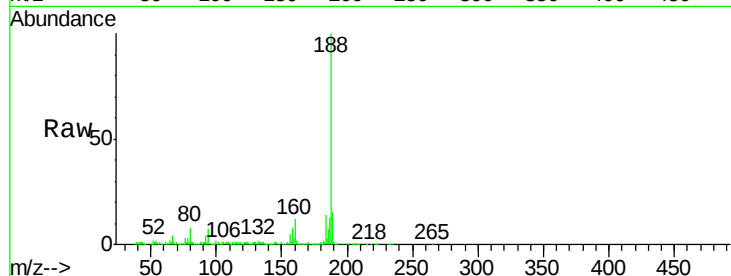
Tot Ion:188 Resp: 314839

Ion Ratio Lower Upper

188 100

94 7.0 6.9 10.3

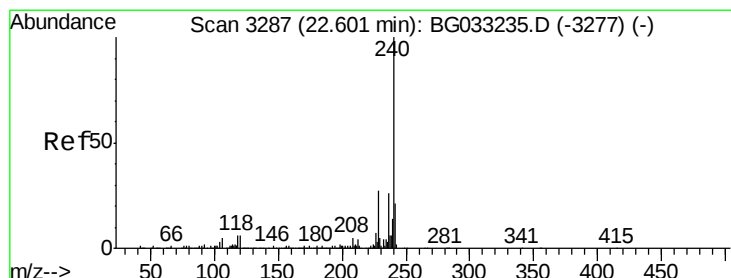
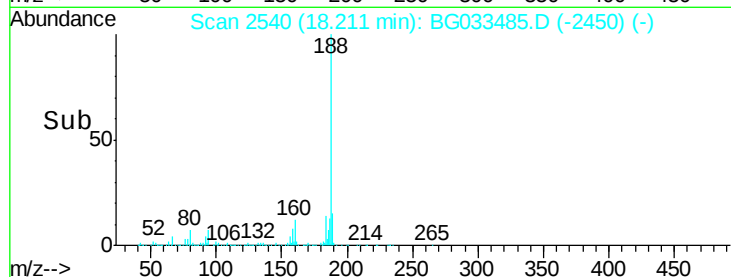
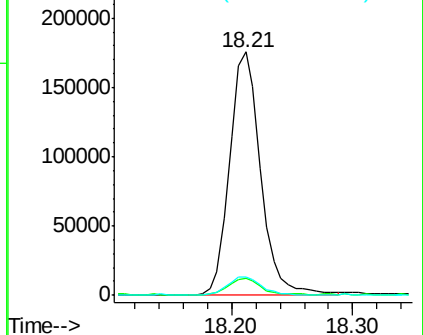
80 7.6 7.7 11.5#



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. -0.00 min

Lab File: BG033485.D

Acq: 2 Apr 2018 13:46

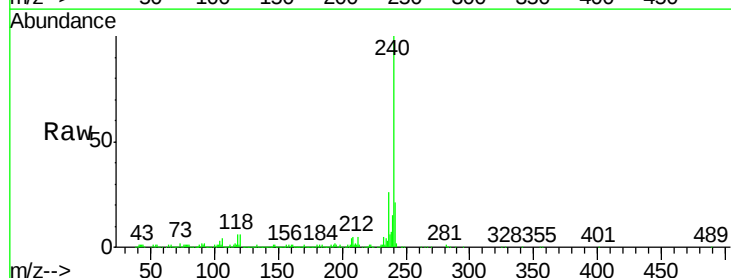
Tgt Ion:240 Resp: 333617

Ion Ratio Lower Upper

240 100

120 6.2 6.8 10.2#

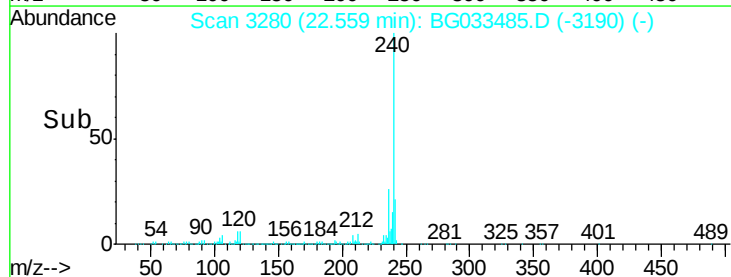
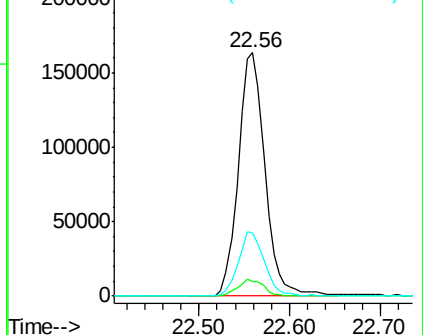
236 25.8 20.9 31.3

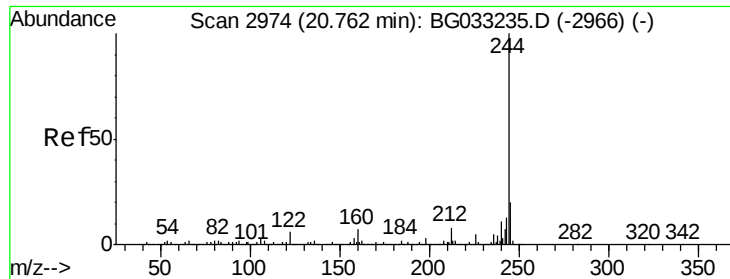


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 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 :

LIP-22

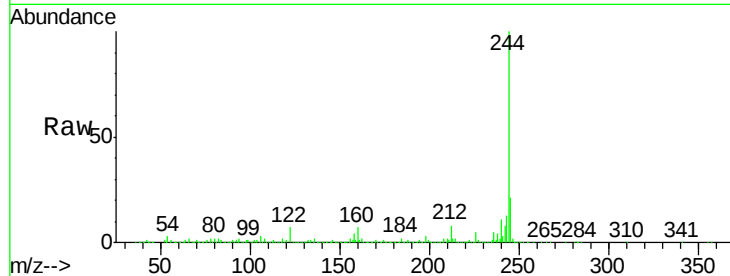
Tot Ion:244 Resp: 1315978

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

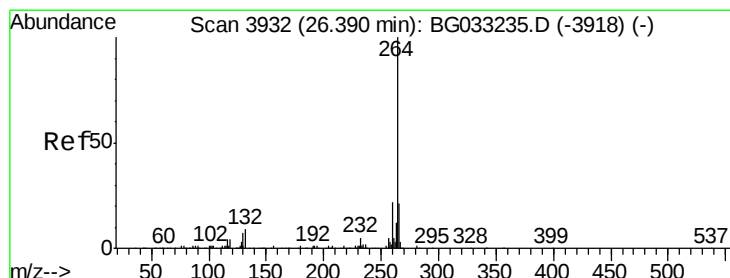
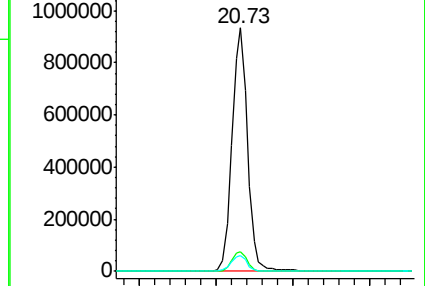
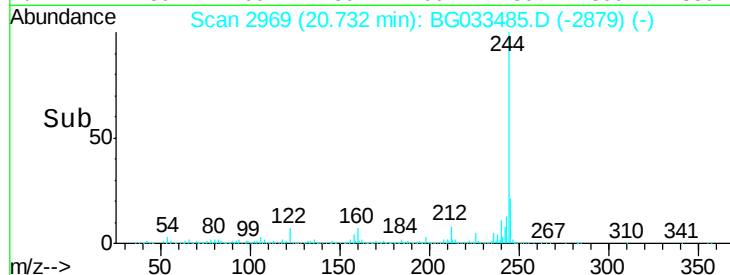
122 6.5 7.0 10.4#



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

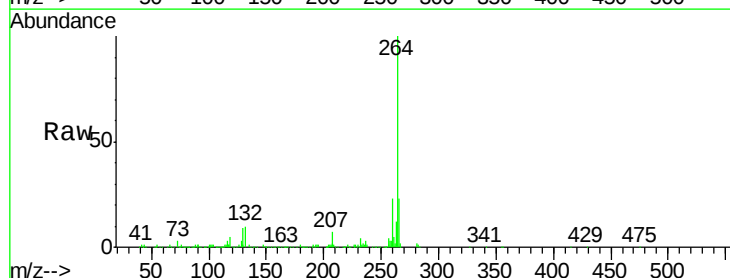
Tgt Ion:264 Resp: 357537

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

