

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040418\
 Data File : BG033581.D
 Acq On : 5 Apr 2018 5:41
 Operator : SJ/JU
 Sample : J2185-17
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOWER-CONCRETE-SLAB-2

Quant Time: Apr 05 06:57:09 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:35:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	27837	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	124629	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	106376	20.00	ng	-0.01
63) Phenanthrene-d10	18.21	188	301097	20.00	ng	0.00
75) Chrysene-d12	22.55	240	301960	20.00	ng	0.00
86) Perylene-d12	26.32	264	254033	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	271406	182.82	ng	0.00
7) Phenol-d6	7.97	99	396757	155.55	ng	0.00
23) Nitrobenzene-d5	10.06	82	316510	116.68	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	241082	151.53	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	787909	106.93	ng	0.00
78) Terphenyl-d14	20.73	244	1603060	113.54	ng	0.00

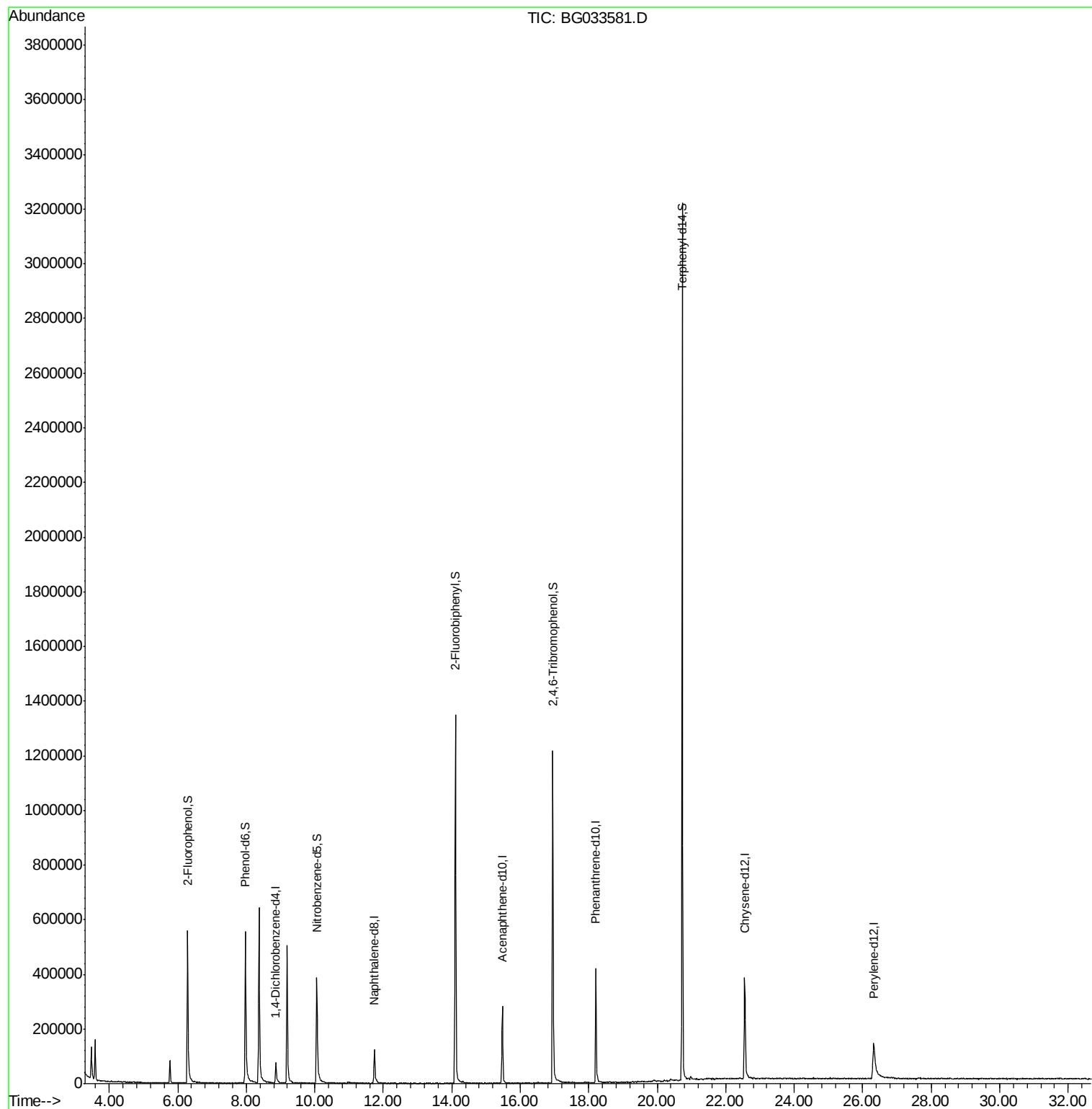
Target Compounds Qvalue

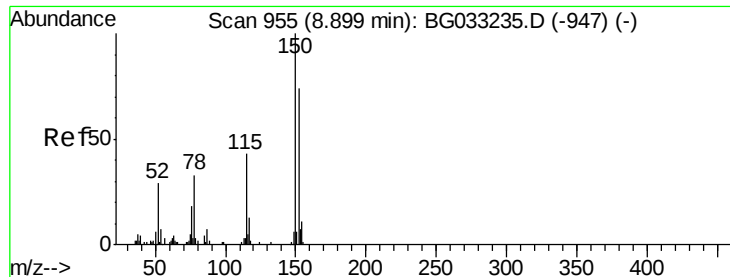
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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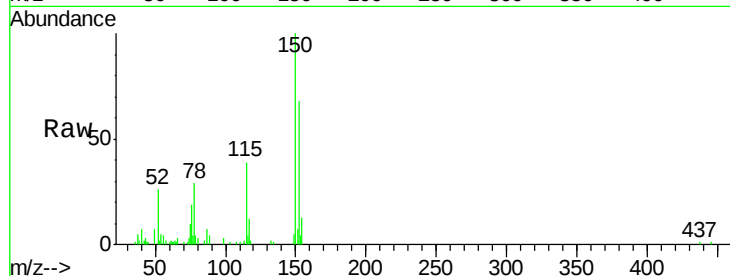


#1

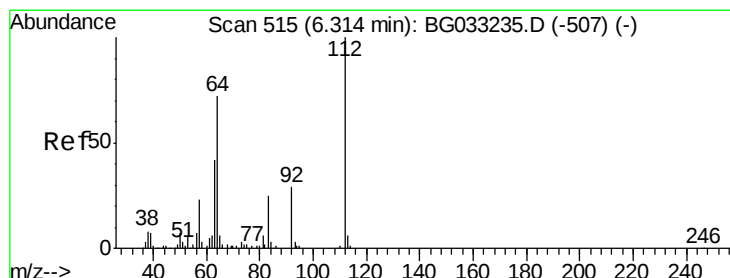
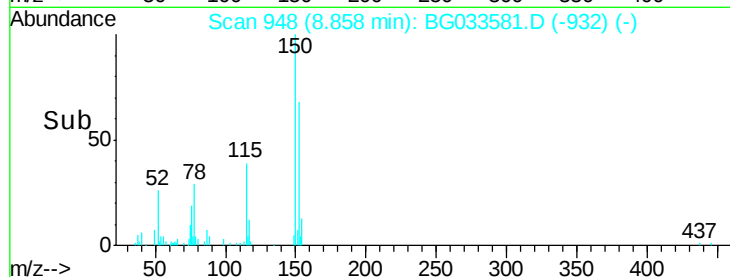
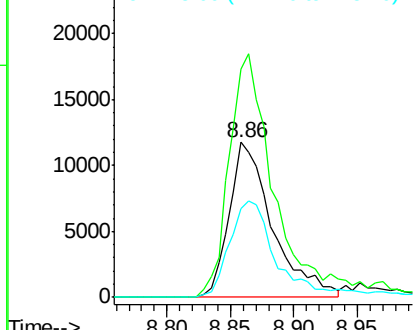
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG033581.D
Acq: 5 Apr 2018 5:41

Instrument :
BNA_G
ClientSampleId :
LOWER-CONCRETE-SLAB-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.1	126.6	189.8
115	57.0	53.0	79.4



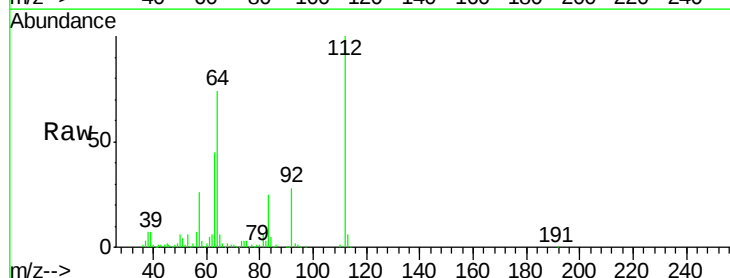
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



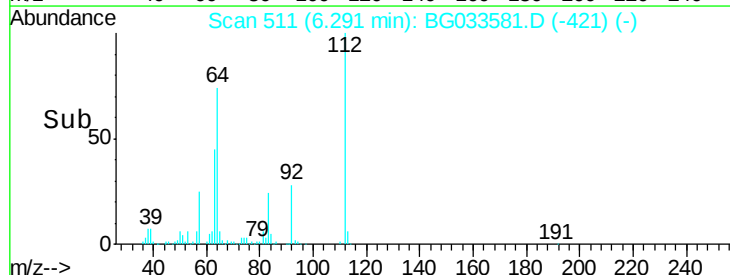
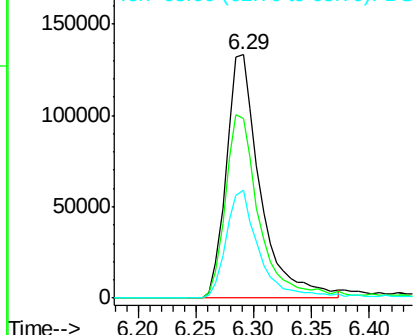
#5

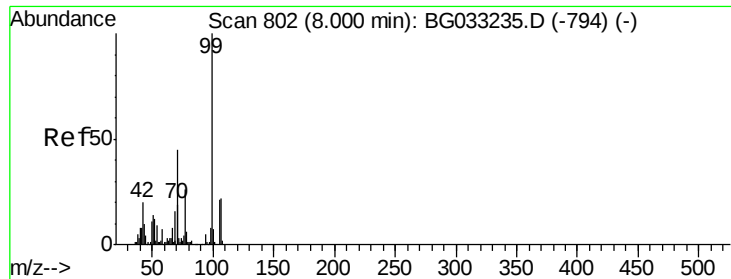
2-Fluorophenol
Concen: 182.821 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033581.D
Acq: 5 Apr 2018 5:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.8	56.3	84.5
63	44.5	30.1	45.1



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





#7

Phenol-d6

Concen: 155.545 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.01 min

Lab File: BG033581.D

Acq: 5 Apr 2018 5:41

Instrument :

BNA_G

ClientSampleId :

LOWER-CONCRETE-SLAB-2

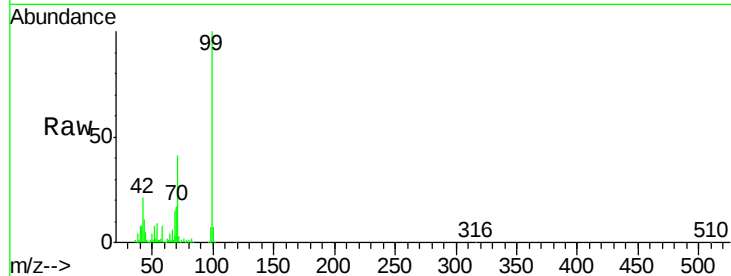
Tot Ion: 99 Resp: 396757

Ion Ratio Lower Upper

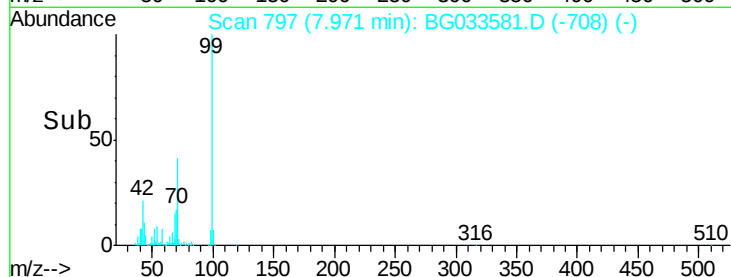
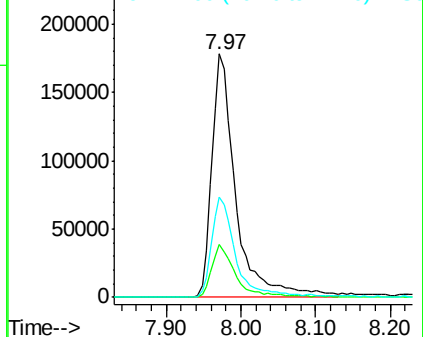
99 100

42 21.5 14.1 21.1#

71 41.0 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: BG033581.D

Acq: 5 Apr 2018 5:41

Tgt Ion: 136 Resp: 124629

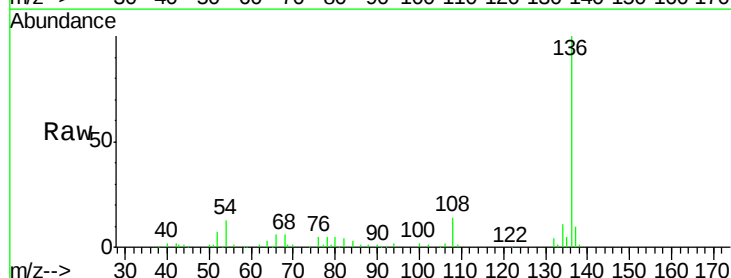
Ion Ratio Lower Upper

136 100

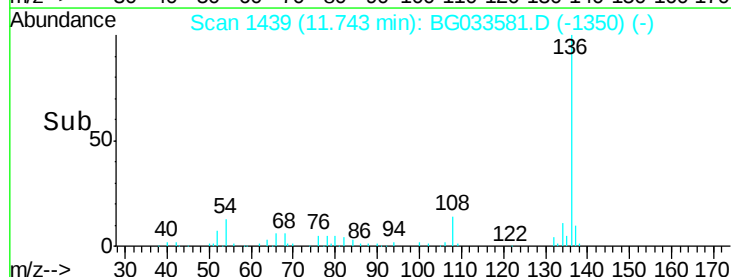
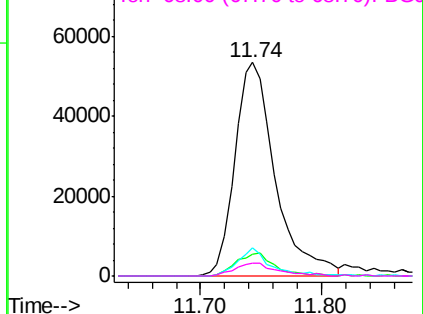
137 10.5 9.2 13.8

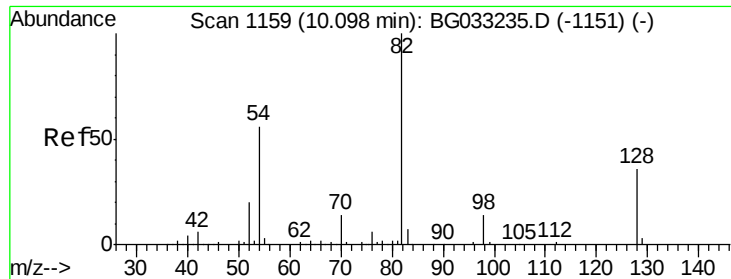
54 13.4 10.3 15.5

68 7.0 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

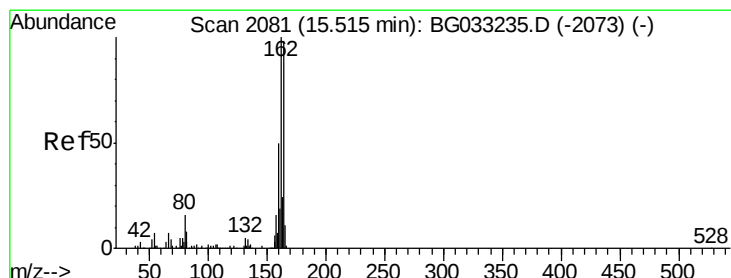
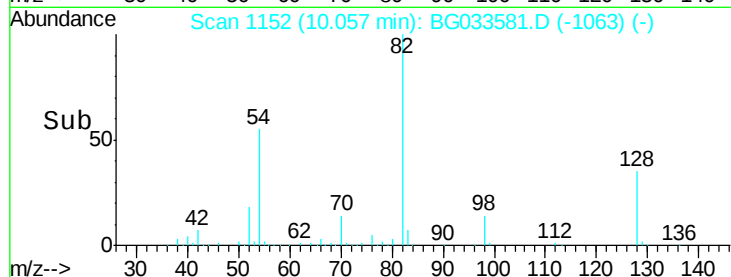
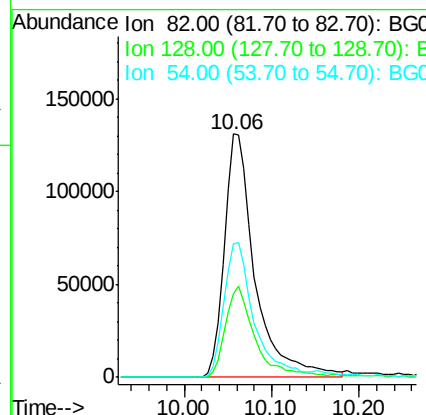
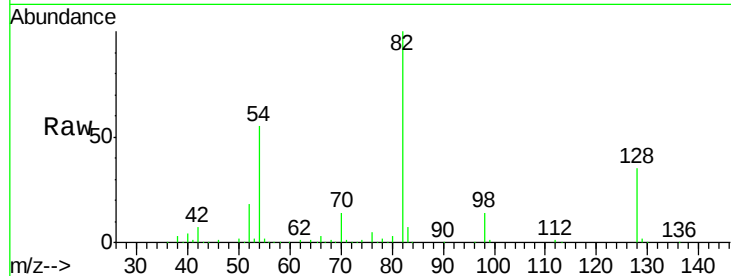




#23
 Nitrobenzene-d5
 Concen: 116.680 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BG033581.D
 Acq: 5 Apr 2018 5:41

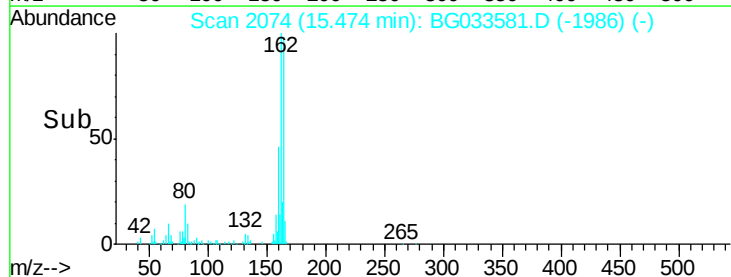
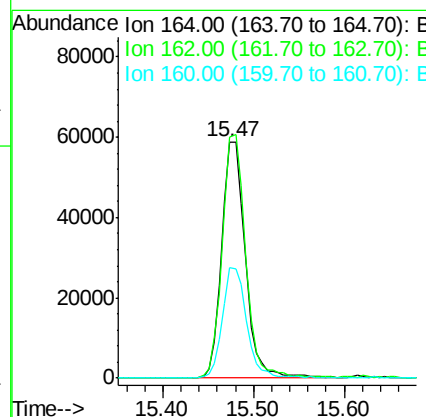
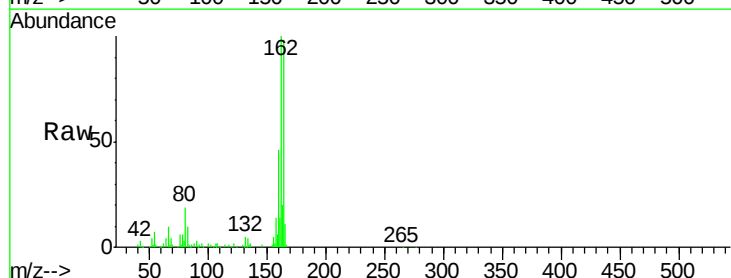
Instrument :
 BNA_G
 ClientSampleId :
 LOWER-CONCRETE-SLAB-2

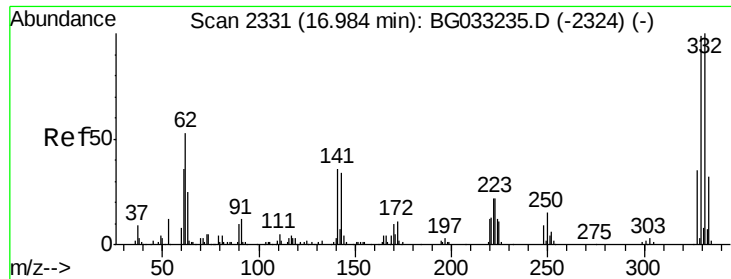
Tot Ion: 82 Resp: 316510
 Ion Ratio Lower Upper
 82 100
 128 34.6 29.7 44.5
 54 55.0 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. -0.01 min
 Lab File: BG033581.D
 Acq: 5 Apr 2018 5:41

Tgt Ion:164 Resp: 106376
 Ion Ratio Lower Upper
 164 100
 162 101.7 78.8 118.2
 160 46.9 35.4 53.0

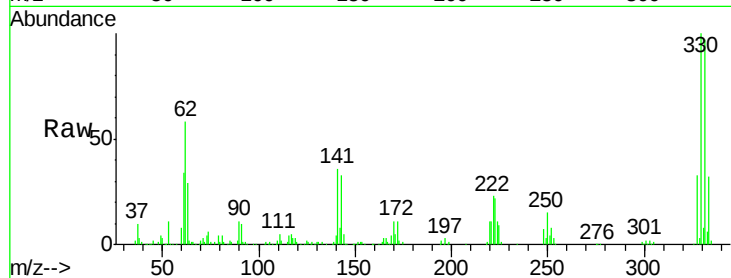




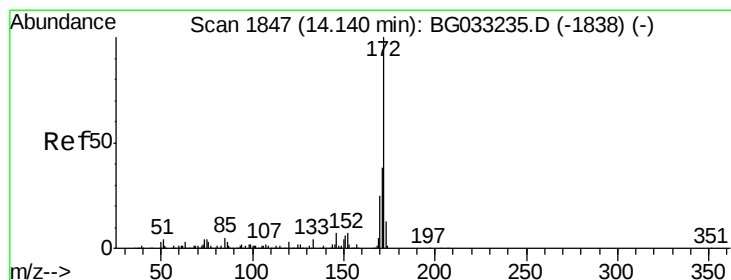
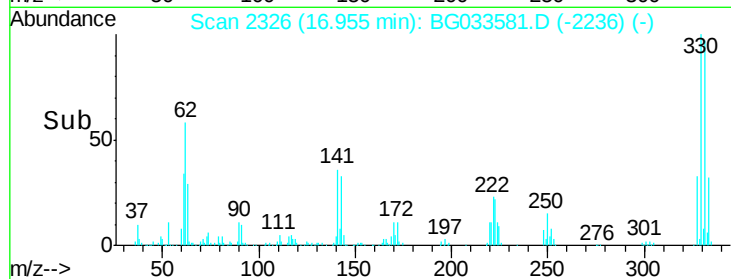
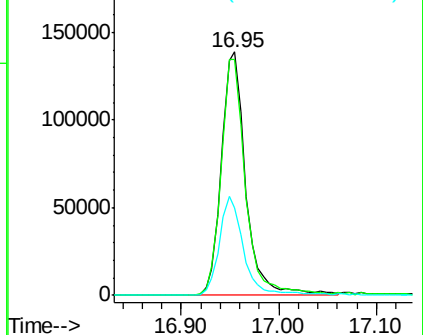
#41
 2,4,6-Tribromophenol
 Concen: 151.531 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033581.D
 Acq: 5 Apr 2018 5:41

Instrument :
 BNA_G
 ClientSampleId :
 LOWER-CONCRETE-SLAB-2

Tot Ion:330 Resp: 241082
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 40.6 25.2 37.8#

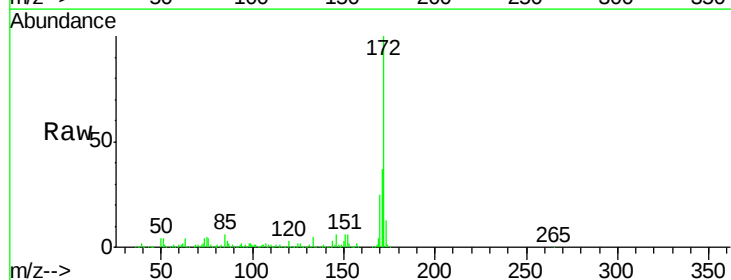


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

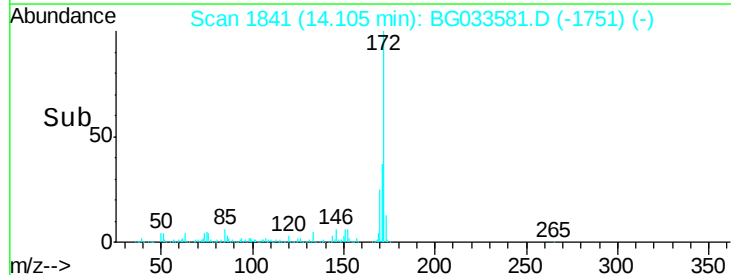
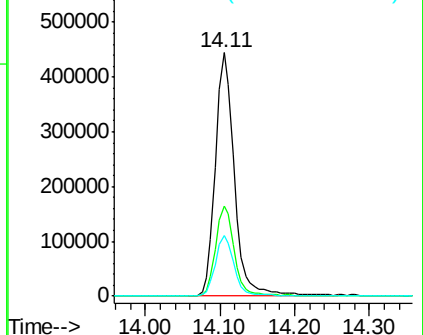


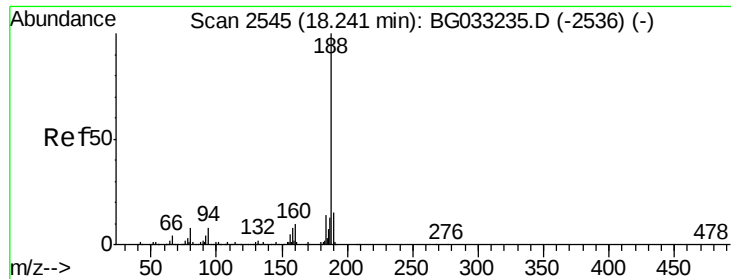
#44
 2-Fluorobiphenyl
 Concen: 106.928 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BG033581.D
 Acq: 5 Apr 2018 5:41

Tgt Ion:172 Resp: 787909
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.0 45.0
 170 24.9 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

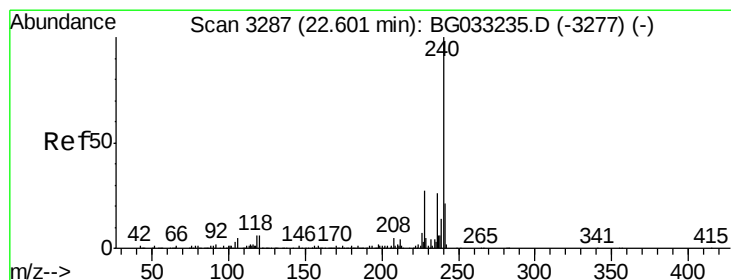
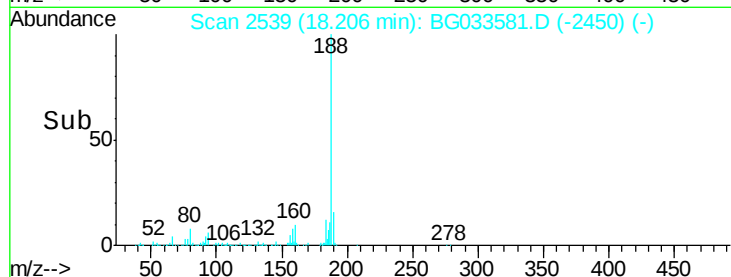
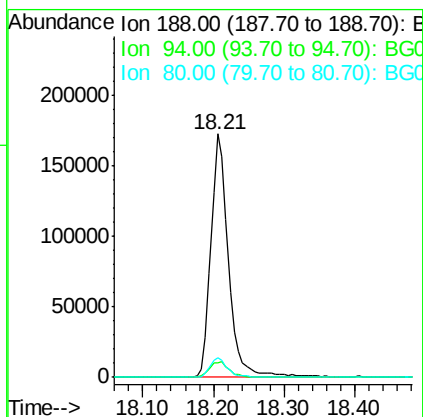
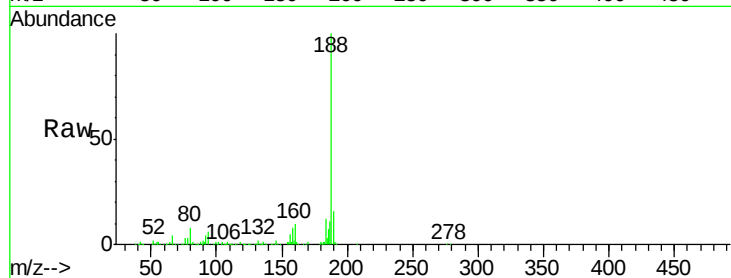




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BG033581.D
Acq: 5 Apr 2018 5:41

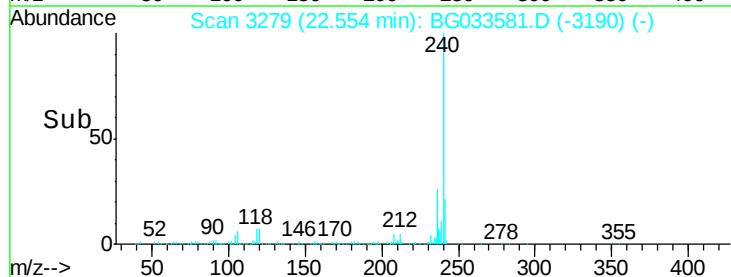
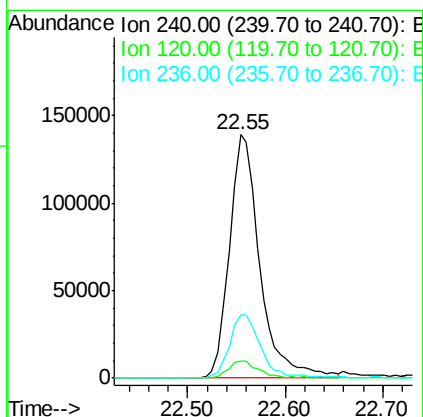
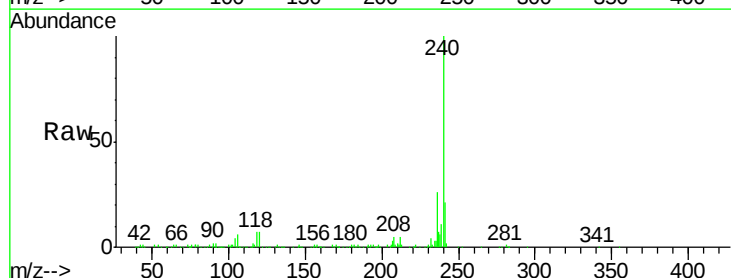
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LOWER-CONCRETE-SLAB-2

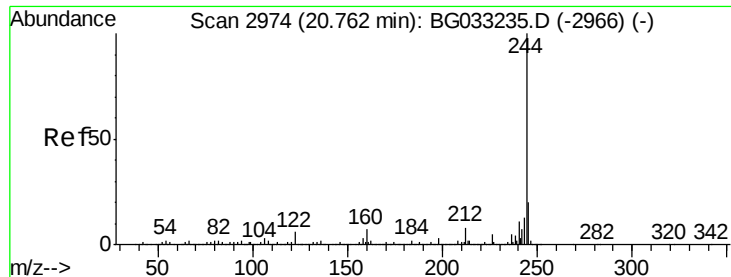
Tot Ion:188 Resp: 301097
Ion Ratio Lower Upper
188 100
94 5.9 6.9 10.3#
80 8.0 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BG033581.D
Acq: 5 Apr 2018 5:41

Tgt Ion:240 Resp: 301960
Ion Ratio Lower Upper
240 100
120 7.2 6.8 10.2
236 25.7 20.9 31.3





#78

Terphenyl-d14

Concen: 113.535 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033581.D

Acq: 5 Apr 2018 5:41

Instrument :

BNA_G

ClientSampleId :

LOWER-CONCRETE-SLAB-2

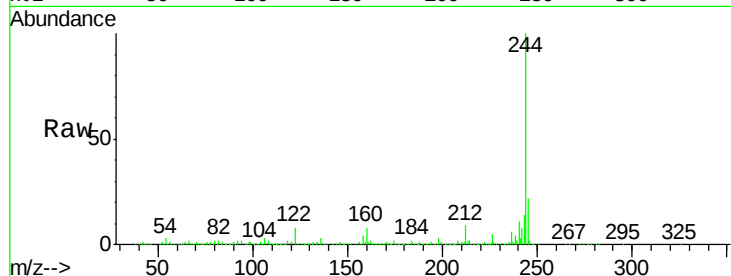
Tot Ion:244 Resp: 1603060

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

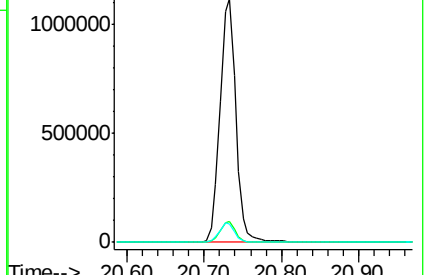
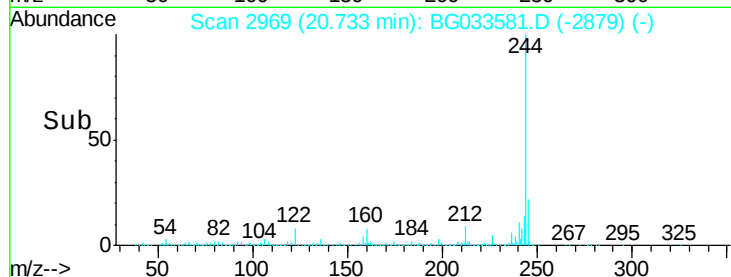
122 7.6 7.0 10.4



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# 3920

Delta R.T. -0.00 min

Lab File: BG033581.D

Acq: 5 Apr 2018 5:41

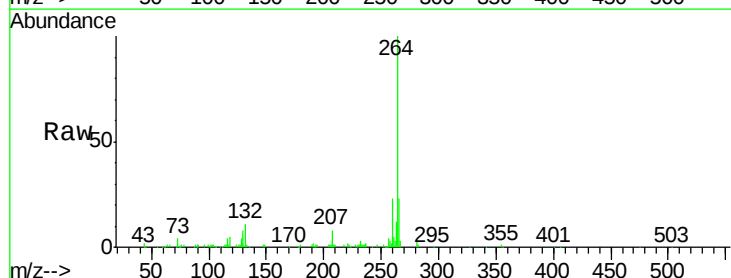
Tgt Ion:264 Resp: 254033

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

265 22.7 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

