

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120617\
 Data File : BG031386.D
 Acq On : 7 Dec 2017 00:35
 Operator : SJ/JU
 Sample : I6734-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 Driveway-Paving-1(0-12)

Quant Time: Dec 07 02:43:22 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 17:58:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	69587	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	292081	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	192393	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	494641	20.00	ng	0.00
75) Chrysene-d12	21.76	240	546441	20.00	ng	0.00
86) Perylene-d12	25.06	264	507857	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	500163	123.25	ng	0.00
7) Phenol-d6	7.30	99	577878	105.70	ng	0.00
23) Nitrobenzene-d5	9.29	82	425701	86.36	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	296711	95.34	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	1207637	90.19	ng	0.00
78) Terphenyl-d14	20.08	244	2135406	86.29	ng	0.00

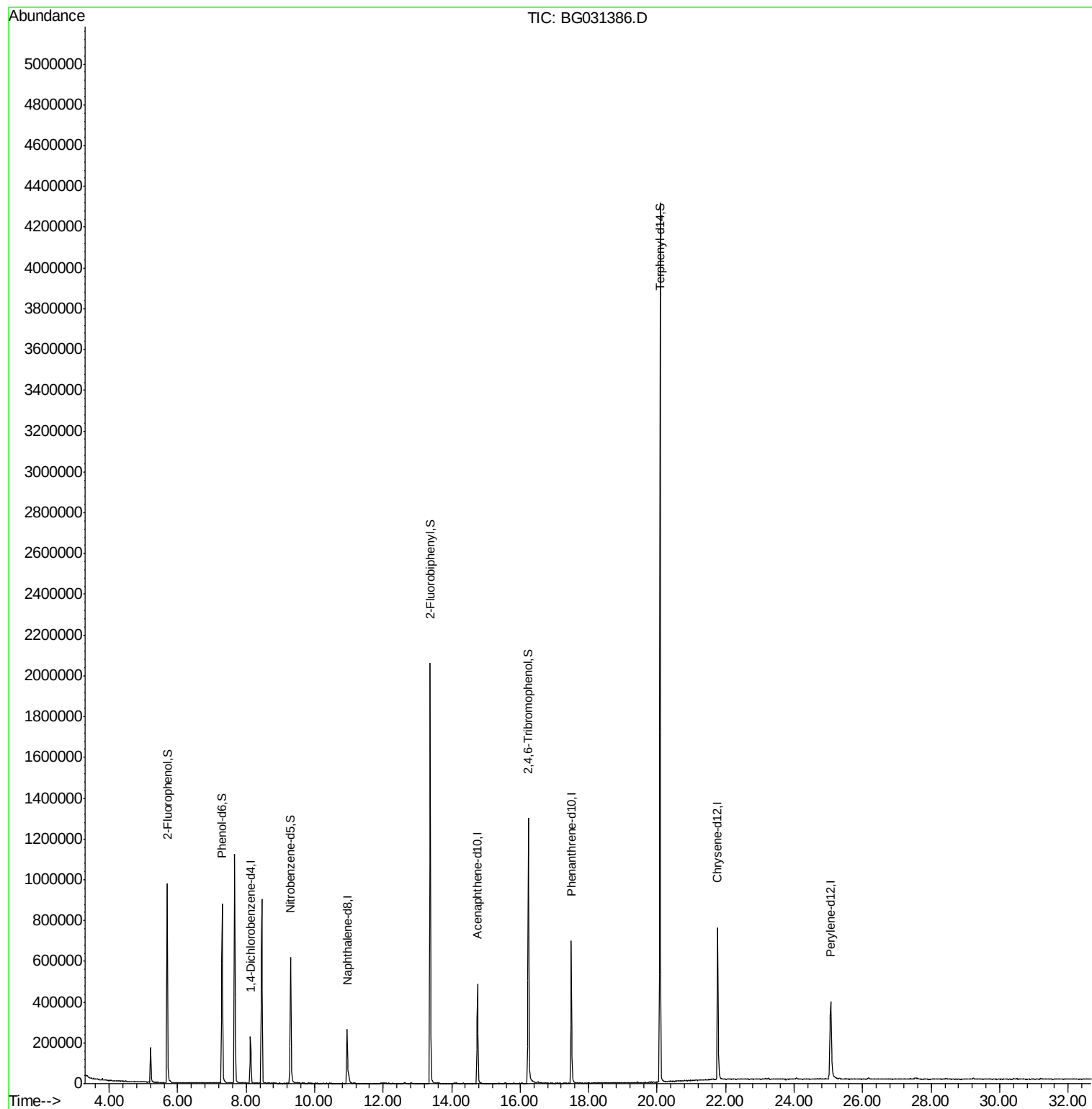
Target Compounds Qvalue

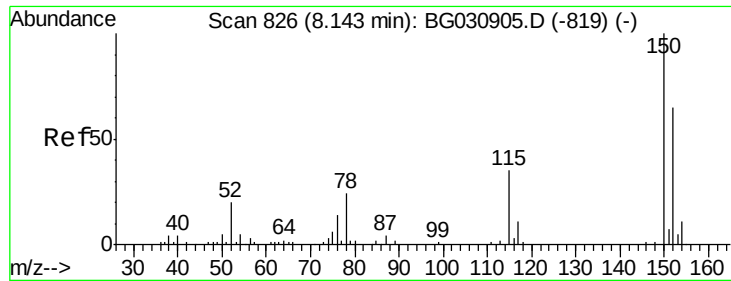
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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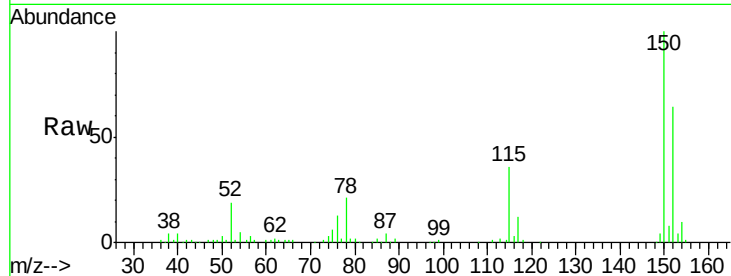


#1

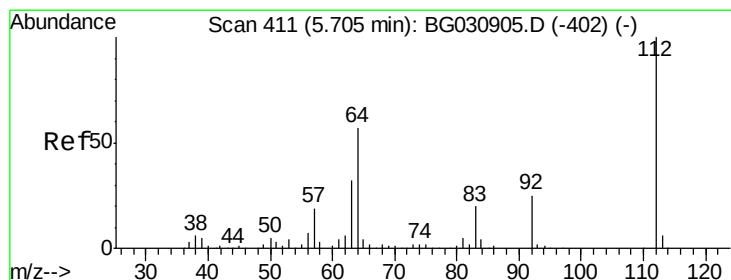
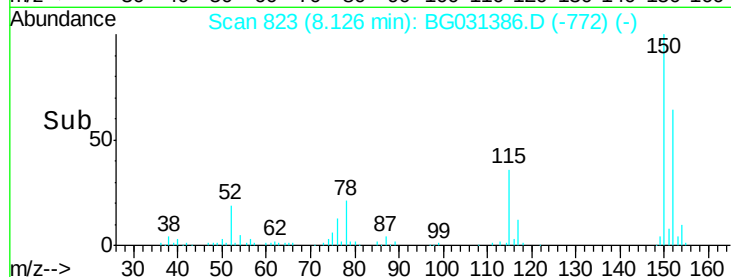
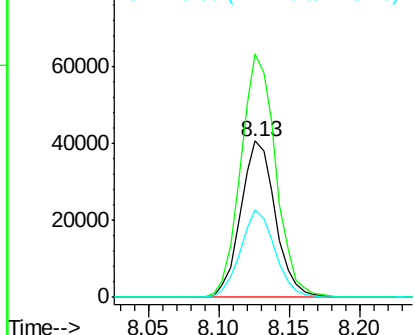
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.13 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BG031386.D
 Acq: 7 Dec 2017 00:35

Instrument :
 BNA_G
 ClientSampleId :
 Driveway-Paving-1(0-12)

Tot Ion:152 Resp: 69587
 Ion Ratio Lower Upper
 152 100
 150 156.0 126.6 189.8
 115 56.3 53.0 79.4



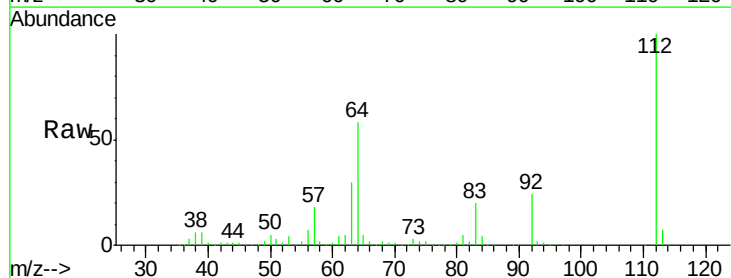
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



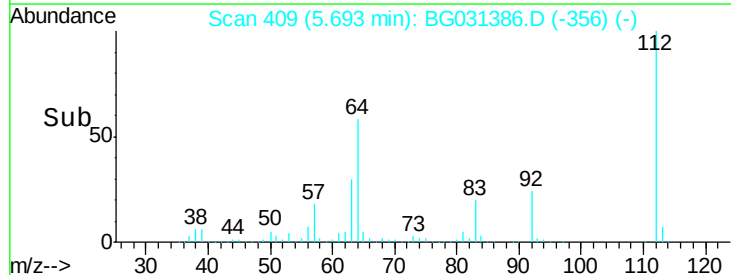
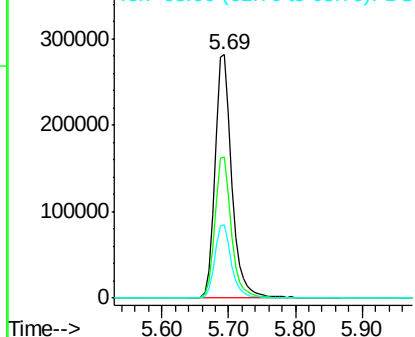
#5

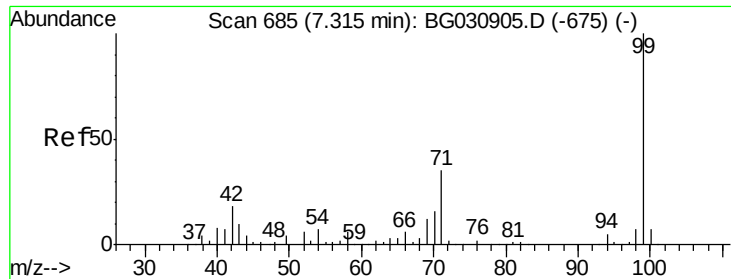
2-Fluorophenol
 Concen: 123.250 ng
 RT: 5.69 min Scan# 409
 Delta R.T. 0.01 min
 Lab File: BG031386.D
 Acq: 7 Dec 2017 00:35

Tgt Ion:112 Resp: 500163
 Ion Ratio Lower Upper
 112 100
 64 58.1 56.3 84.5
 63 30.0 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: 105.700 ng

RT: 7.30 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG031386.D

Acq: 7 Dec 2017 00:35

Instrument :

BNA_G

ClientSampleId :

Driveway-Paving-1(0-12)

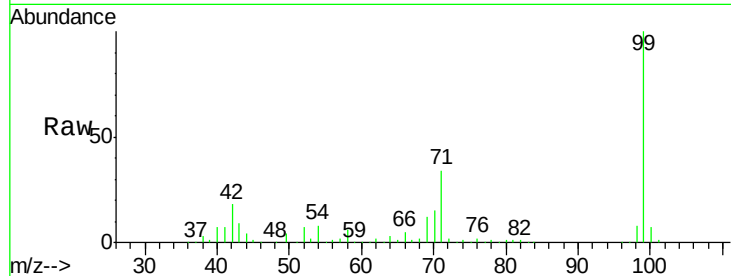
Tot Ion: 99 Resp: 577878

Ion Ratio Lower Upper

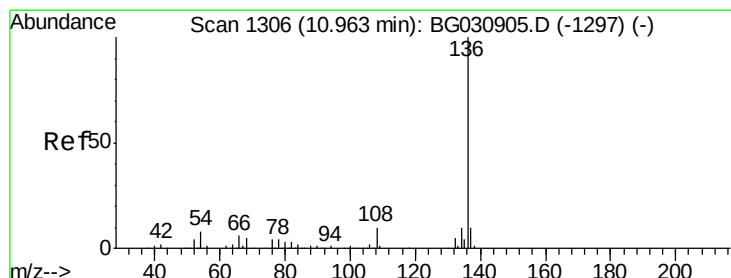
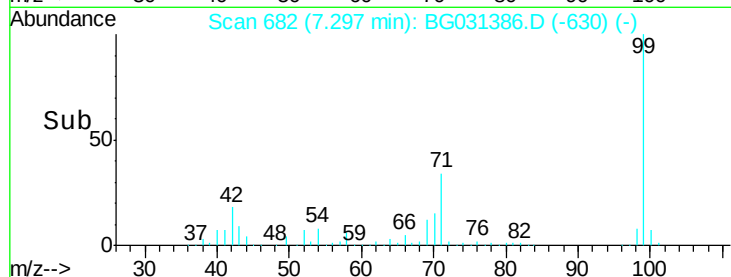
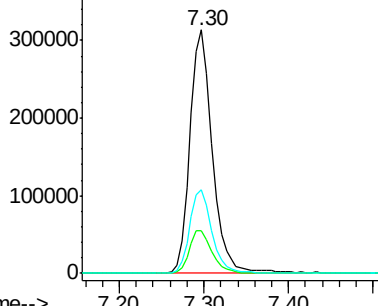
99 100

42 17.5 14.1 21.1

71 34.1 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: 10.95 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BG031386.D

Acq: 7 Dec 2017 00:35

Tgt Ion: 136 Resp: 292081

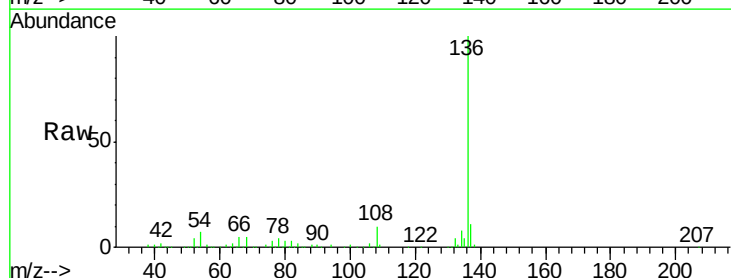
Ion Ratio Lower Upper

136 100

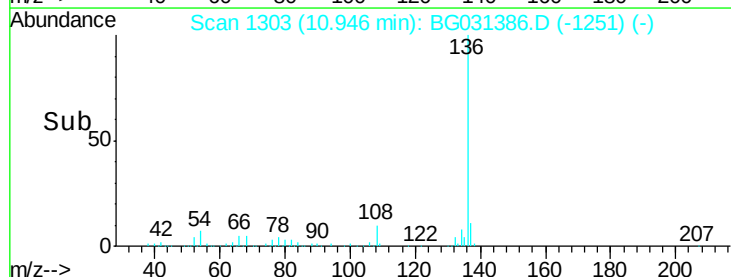
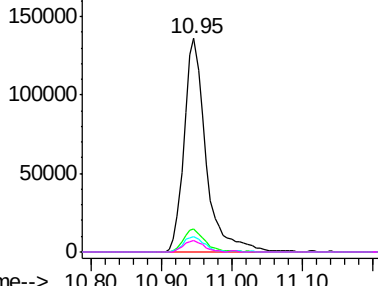
137 10.9 9.2 13.8

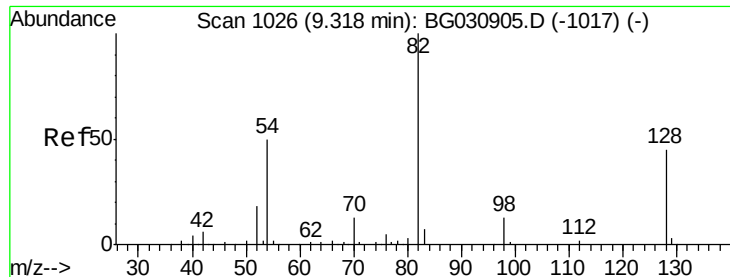
54 7.4 10.3 15.5#

68 5.4 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

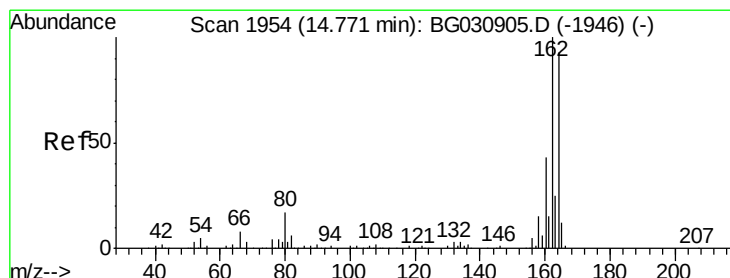
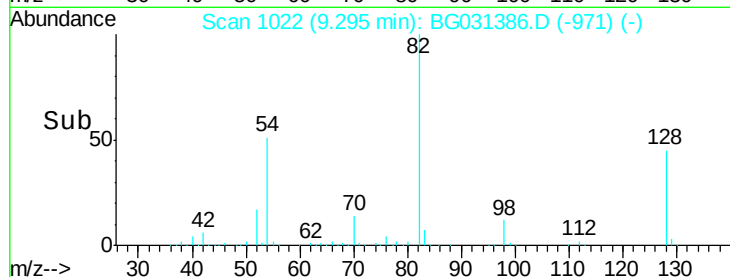
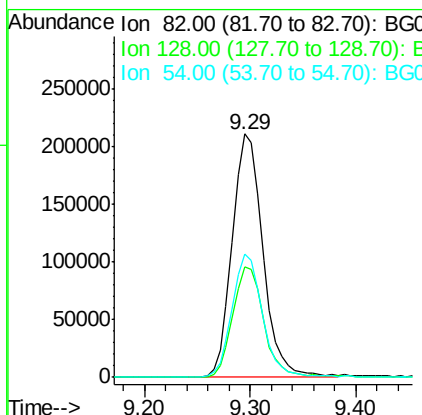
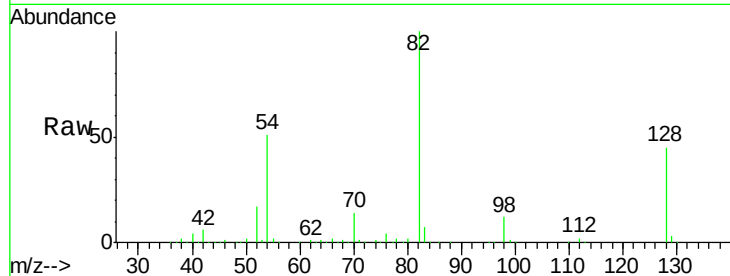




#23
Nitrobenzene-d5
Concen: 86.365 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG031386.D
Acq: 7 Dec 2017 00:35

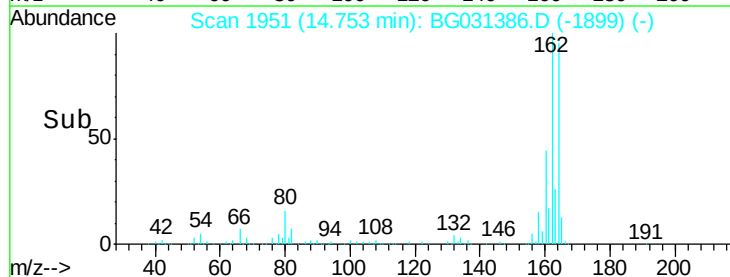
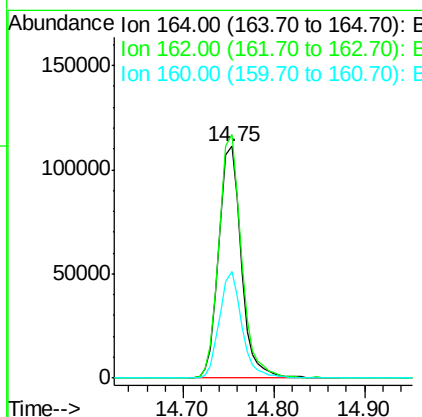
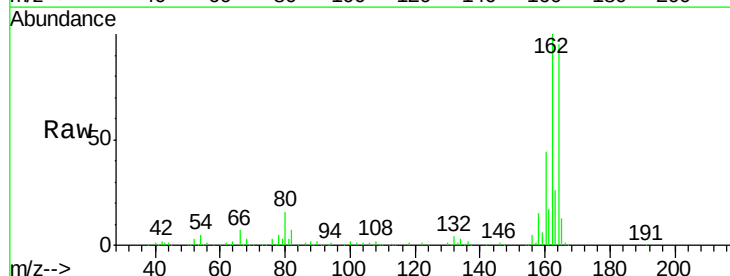
Instrument :
BNA_G
ClientSampleId :
Driveway-Paving-1(0-12)

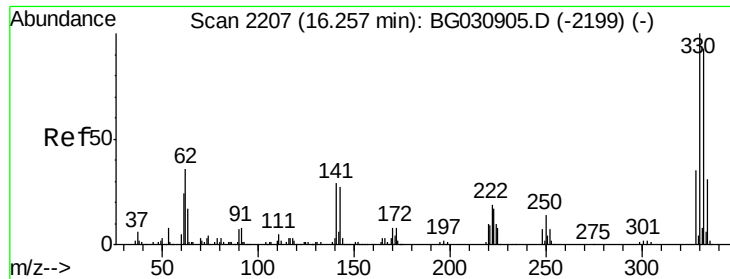
Tot Ion: 82 Resp: 425701
Ion Ratio Lower Upper
82 100
128 45.4 29.7 44.5#
54 50.6 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG031386.D
Acq: 7 Dec 2017 00:35

Tgt Ion:164 Resp: 192393
Ion Ratio Lower Upper
164 100
162 105.0 78.8 118.2
160 45.9 35.4 53.0

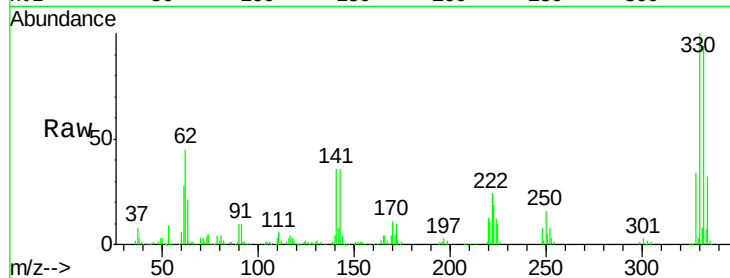




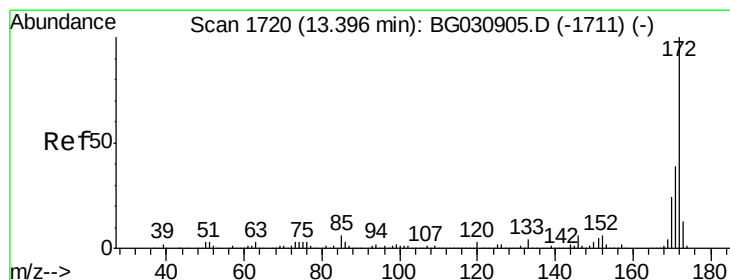
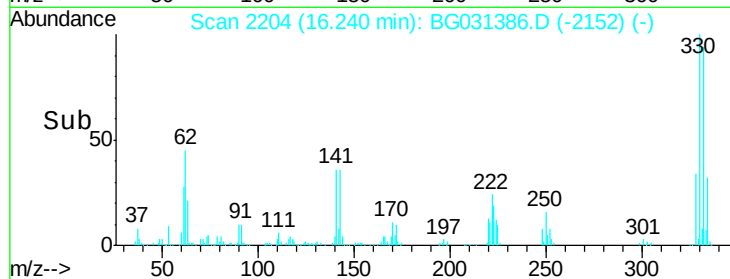
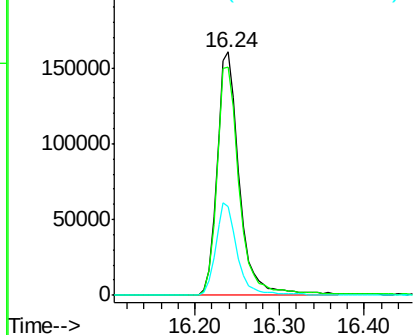
#41
 2,4,6-Tribromophenol
 Concen: 95.335 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BG031386.D
 Acq: 7 Dec 2017 00:35

Instrument :
 BNA_G
 ClientSampleId :
 Driveway-Paving-1(0-12)

Tot Ion:330 Resp: 296711
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 36.9 25.2 37.8

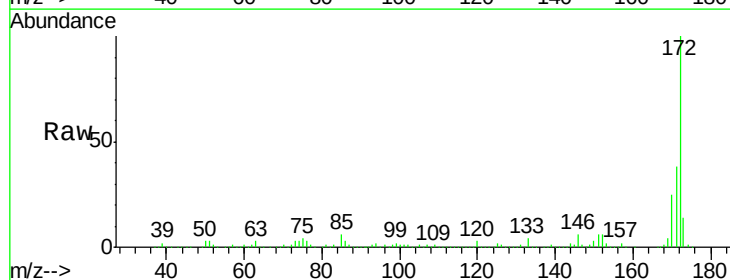


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

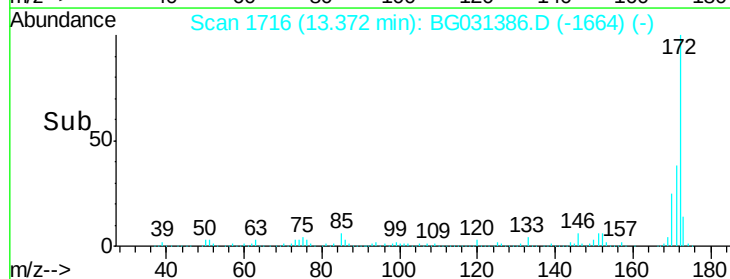
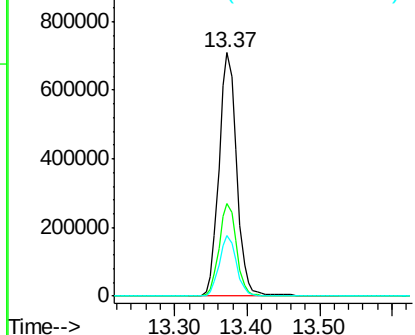


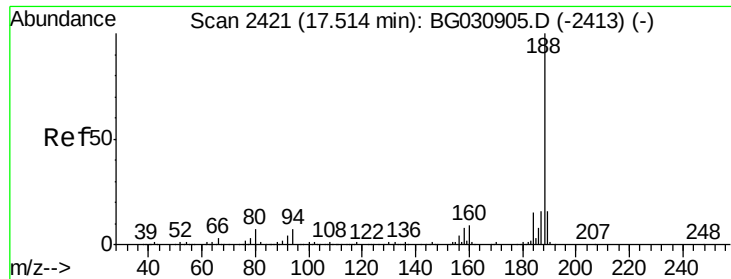
#44
 2-Fluorobiphenyl
 Concen: 90.193 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG031386.D
 Acq: 7 Dec 2017 00:35

Tgt Ion:172 Resp: 1207637
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.0 45.0
 170 25.1 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

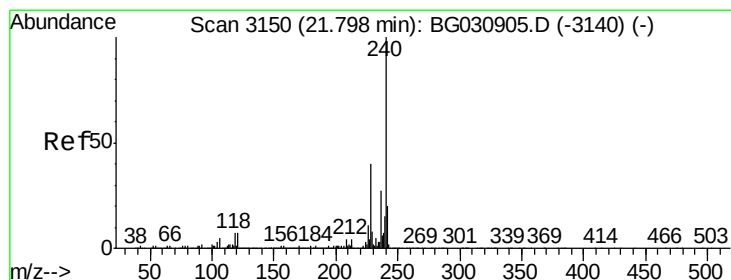
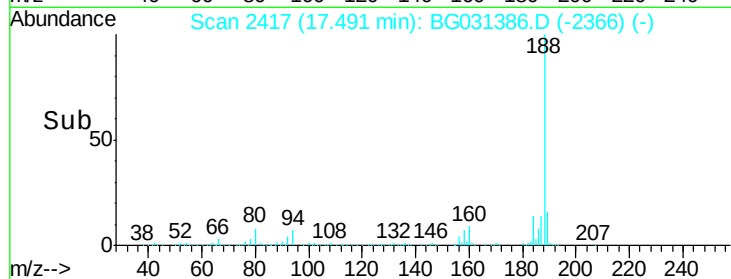
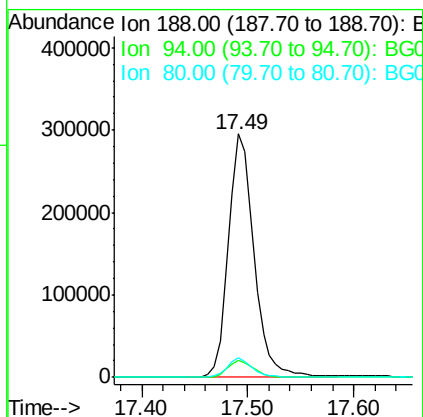
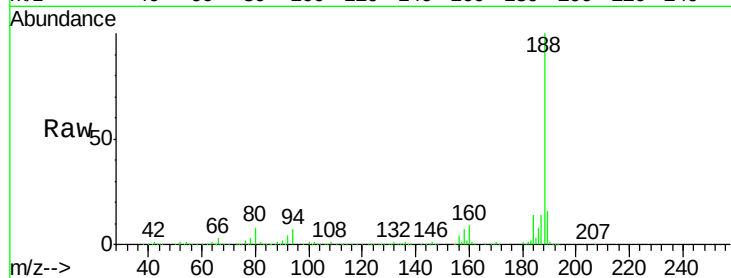




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.00 min
Lab File: BG031386.D
Acq: 7 Dec 2017 00:35

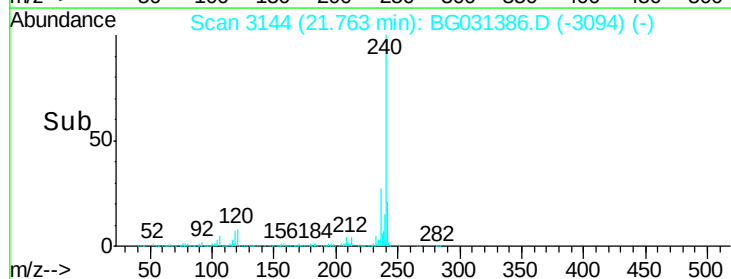
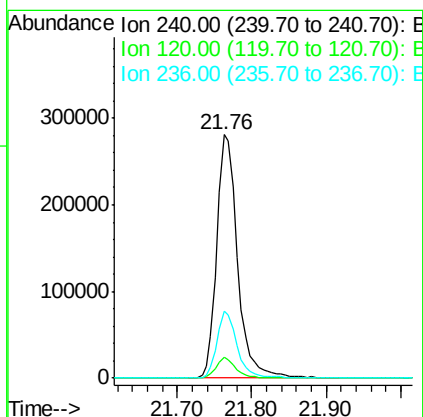
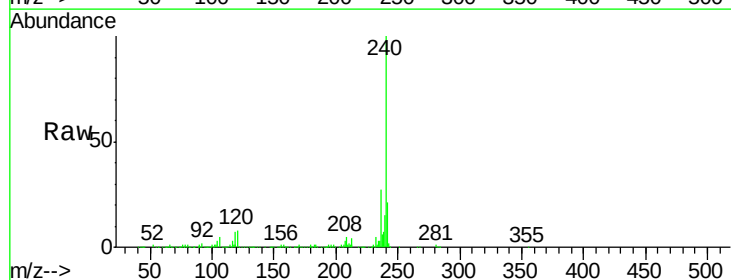
Instrument :
BNA_G
ClientSampleId :
Driveway-Paving-1(0-12)

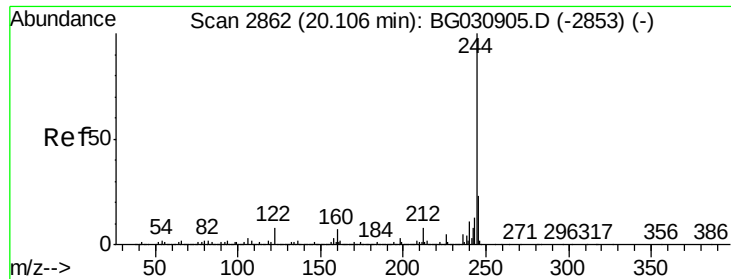
Tot Ion:188 Resp: 494641
Ion Ratio Lower Upper
188 100
94 7.1 6.9 10.3
80 7.8 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG031386.D
Acq: 7 Dec 2017 00:35

Tgt Ion:240 Resp: 546441
Ion Ratio Lower Upper
240 100
120 8.4 6.8 10.2
236 27.4 20.9 31.3





#78

Terphenyl-d14

Concen: 86.289 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG031386.D

Acq: 7 Dec 2017 00:35

Instrument :

BNA_G

ClientSampleId :

Driveway-Paving-1(0-12)

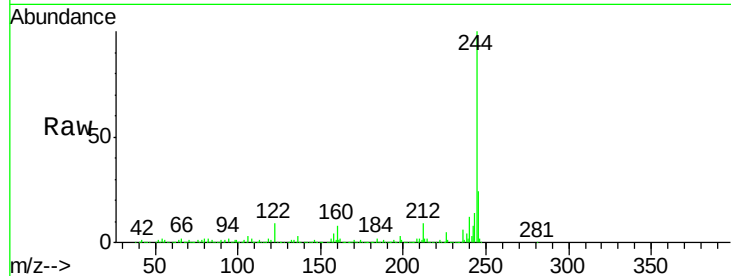
Tot Ion:244 Resp: 2135406

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

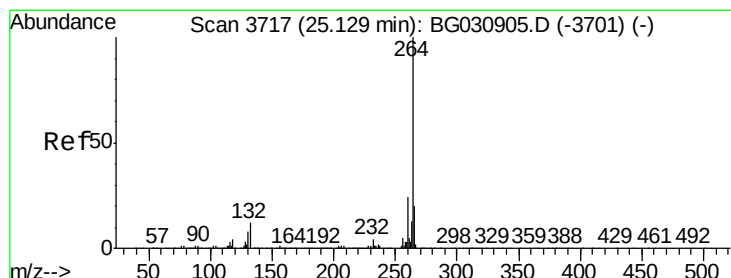
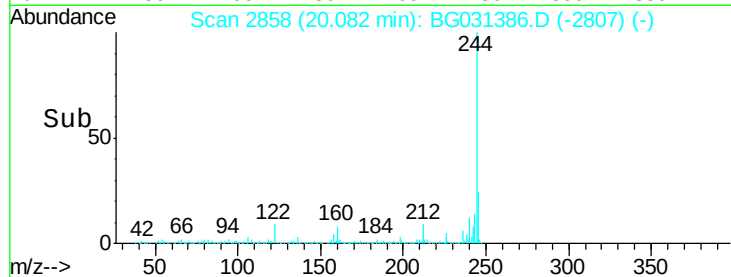
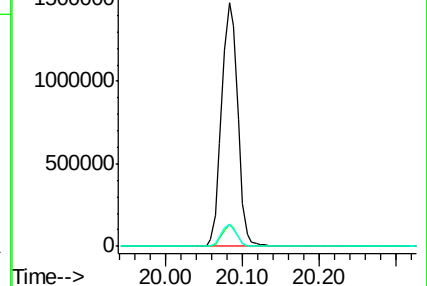
122 9.0 7.0 10.4



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: 25.06 min Scan# 3706

Delta R.T. -0.00 min

Lab File: BG031386.D

Acq: 7 Dec 2017 00:35

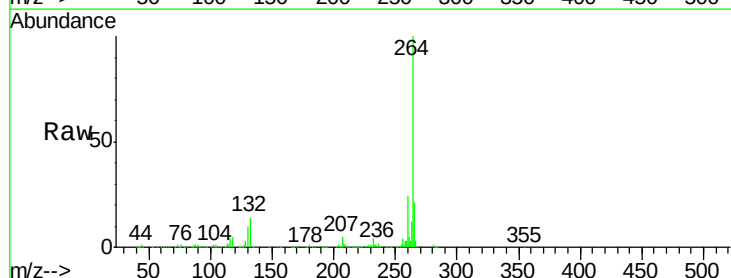
Tgt Ion:264 Resp: 507857

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.0

265 21.5 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

