

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120617\
 Data File : BG031377.D
 Acq On : 6 Dec 2017 18:58
 Operator : SJ/JU
 Sample : I6734-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Dec 07 04:14:07 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

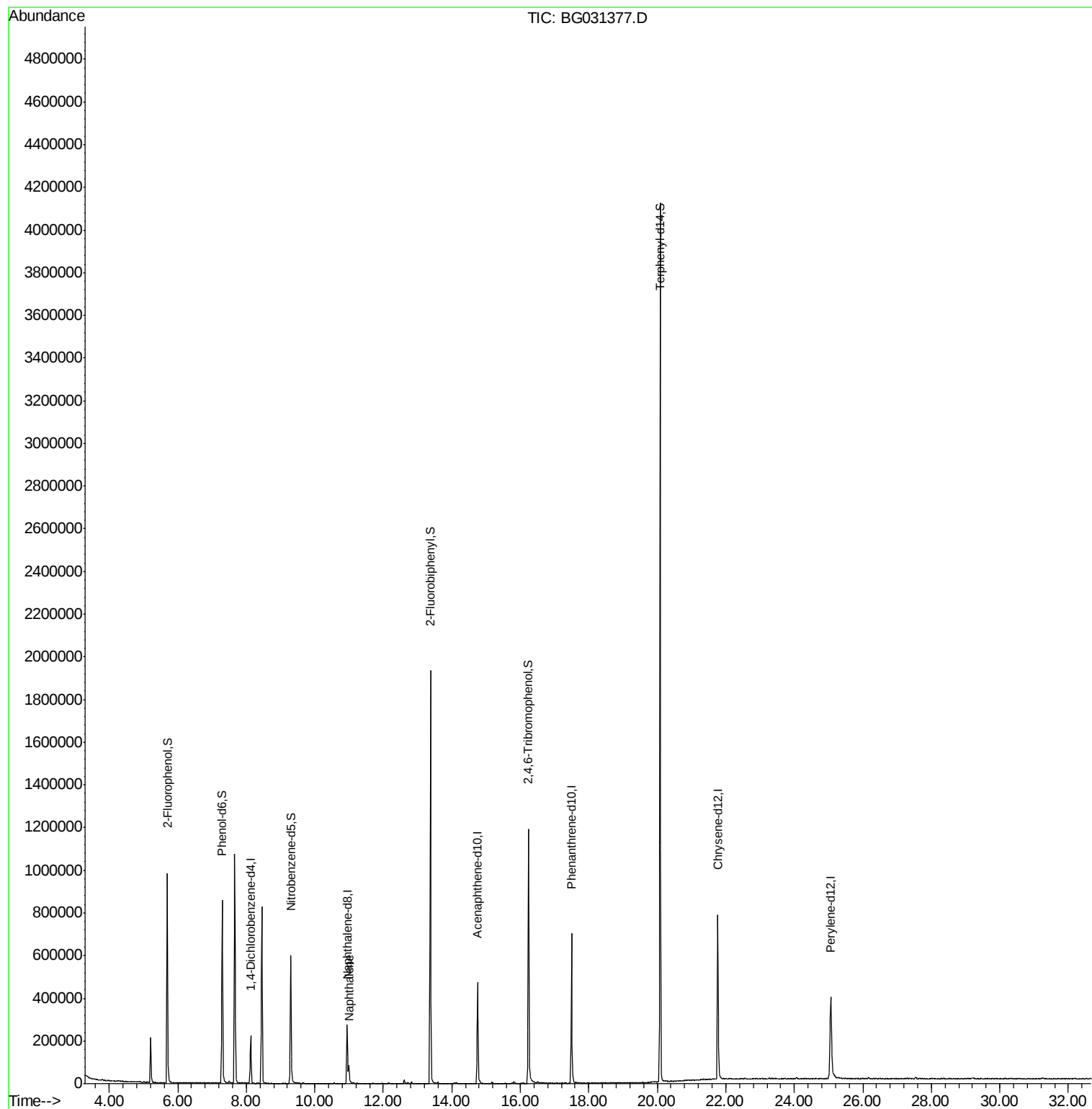
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	66754	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	290936	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	189456	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	495999	20.00	ng	0.00
75) Chrysene-d12	21.77	240	557998	20.00	ng	0.00
86) Perylene-d12	25.07	264	519697	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	481666	123.73	ng	0.00
7) Phenol-d6	7.29	99	571163	108.91	ng	0.00
23) Nitrobenzene-d5	9.30	82	410179	83.54	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	262762	85.74	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	1129756	85.68	ng	0.00
78) Terphenyl-d14	20.08	244	2095547	82.92	ng	0.00
Target Compounds						
31) Naphthalene	11.00	128	83047	5.807	ng	Qvalue 96

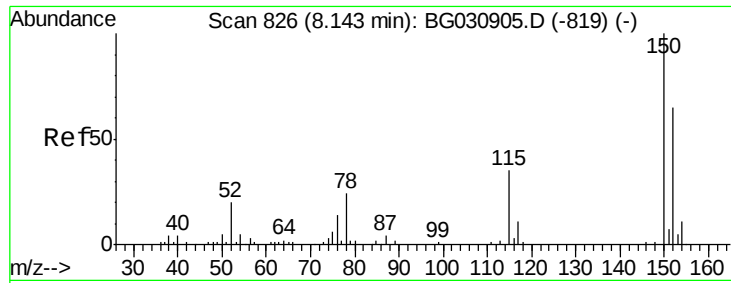
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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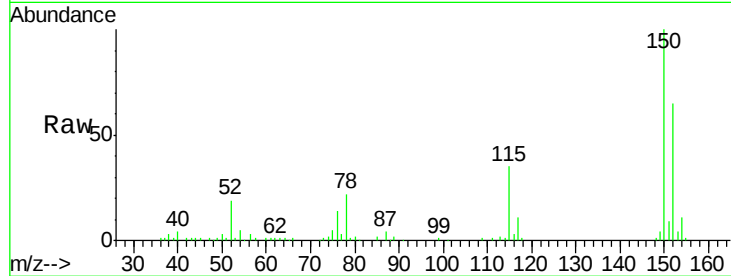


#1

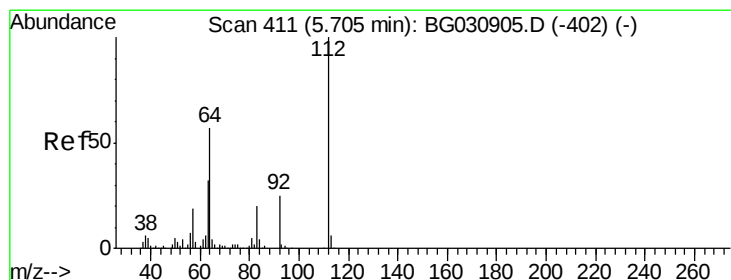
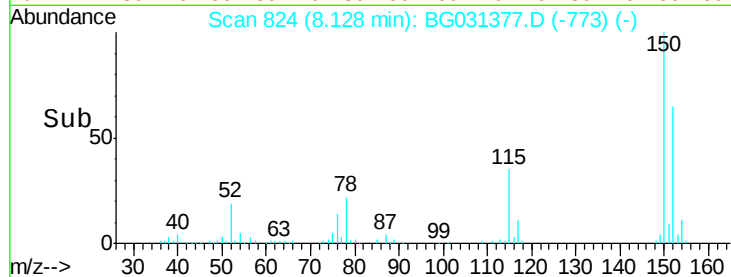
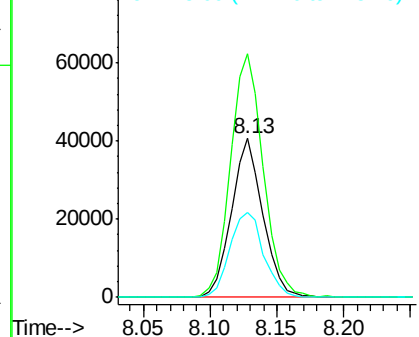
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.00 min
Lab File: BG031377.D
Acq: 6 Dec 2017 18:58

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

Tot Ion:152 Resp: 66754
Ion Ratio Lower Upper
152 100
150 153.4 126.6 189.8
115 53.7 53.0 79.4



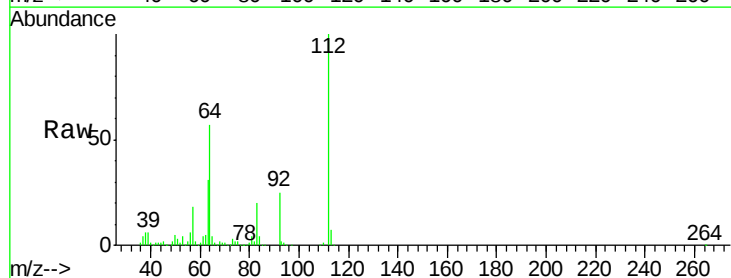
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



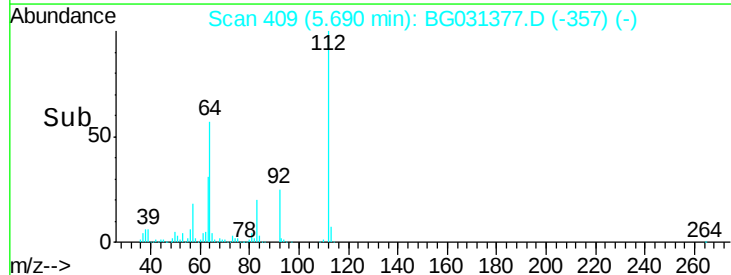
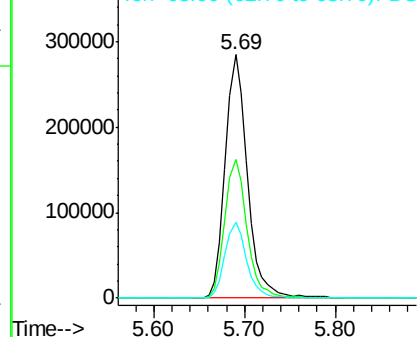
#5

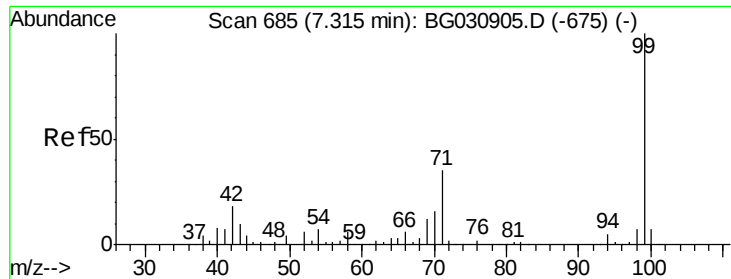
2-Fluorophenol
Concen: 123.729 ng
RT: 5.69 min Scan# 409
Delta R.T. 0.01 min
Lab File: BG031377.D
Acq: 6 Dec 2017 18:58

Tgt Ion:112 Resp: 481666
Ion Ratio Lower Upper
112 100
64 56.7 56.3 84.5
63 31.3 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: 108.905 ng

RT: 7.29 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG031377.D

Acq: 6 Dec 2017 18:58

Instrument :

BNA_G

ClientSampleId :

Driveway-Paving-1(0-12)

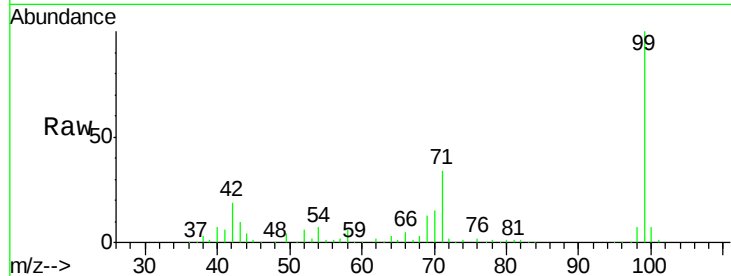
Tot Ion: 99 Resp: 571163

Ion Ratio Lower Upper

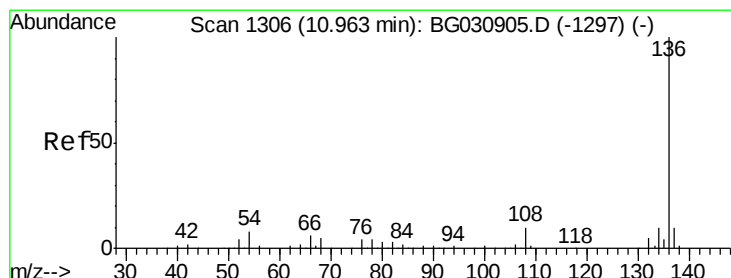
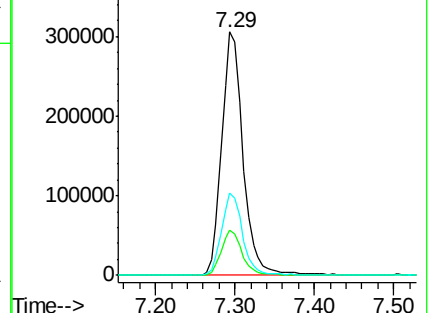
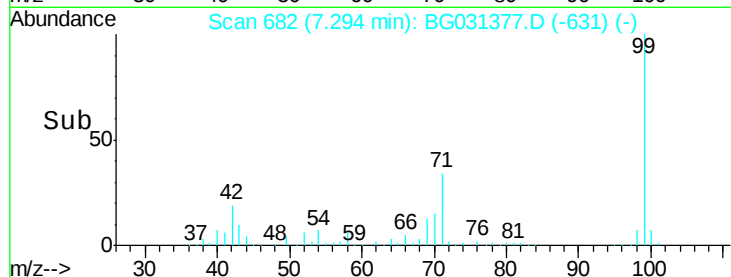
99 100

42 18.6 14.1 21.1

71 33.7 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: 10.94 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BG031377.D

Acq: 6 Dec 2017 18:58

Tgt Ion: 136 Resp: 290936

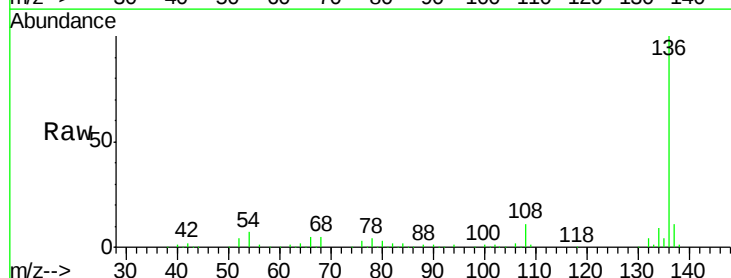
Ion Ratio Lower Upper

136 100

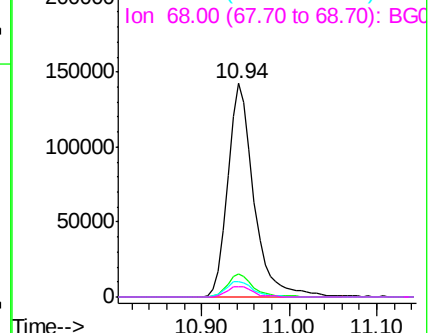
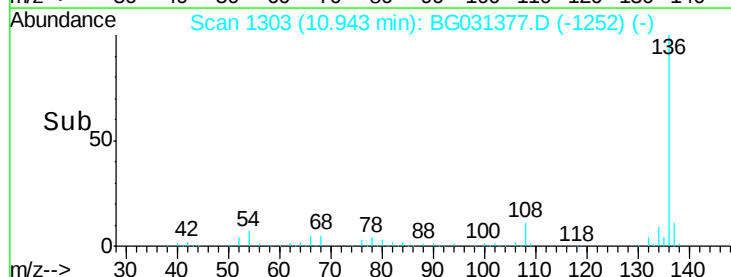
137 10.5 9.2 13.8

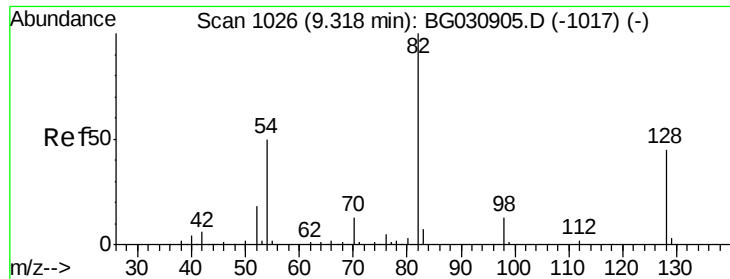
54 7.0 10.3 15.5#

68 4.6 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

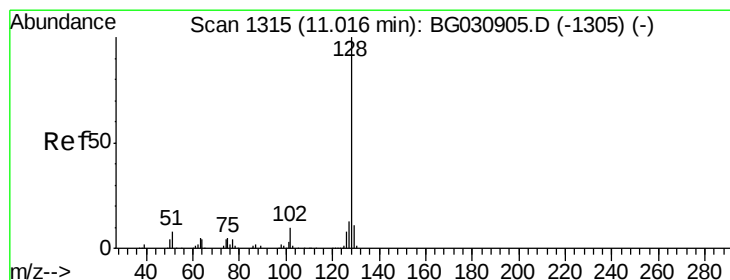
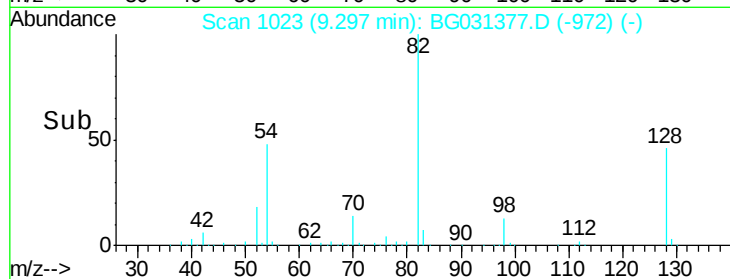
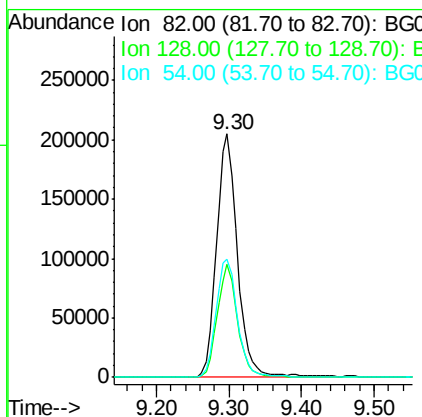
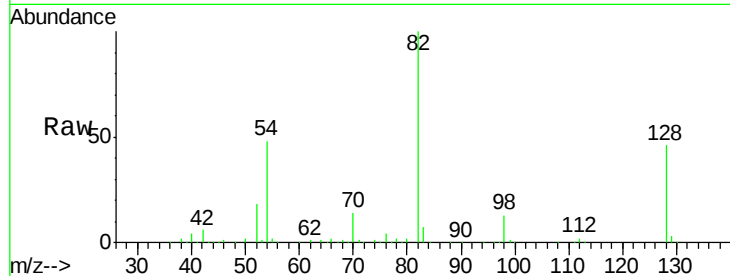




#23
 Nitrobenzene-d5
 Concen: 83.543 ng
 RT: 9.30 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BG031377.D
 Acq: 6 Dec 2017 18:58

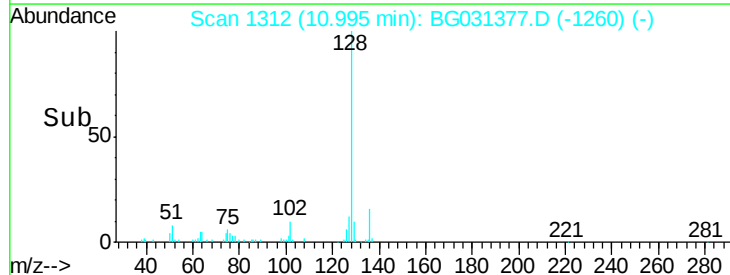
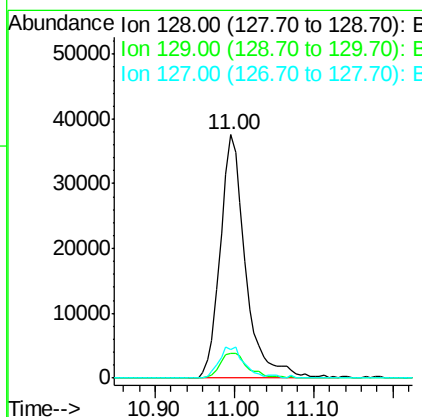
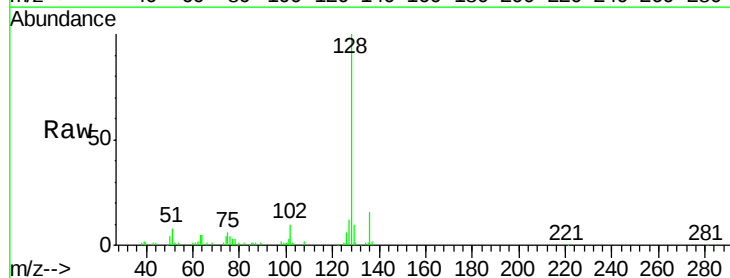
Instrument :
 BNA_G
 ClientSampleId :
 Driveway-Paving-1(0-12)

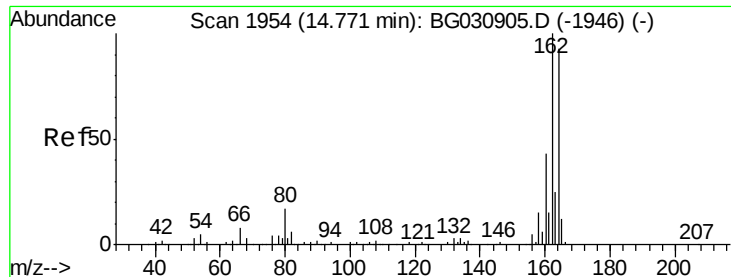
Tot Ion: 82 Resp: 410179
 Ion Ratio Lower Upper
 82 100
 128 46.5 29.7 44.5#
 54 48.4 43.1 64.7



#31
 Naphthalene
 Concen: 5.807 ng
 RT: 11.00 min Scan# 1312
 Delta R.T. 0.01 min
 Lab File: BG031377.D
 Acq: 6 Dec 2017 18:58

Tgt Ion: 128 Resp: 83047
 Ion Ratio Lower Upper
 128 100
 129 10.1 8.6 12.8
 127 11.8 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BG031377.D

Acq: 6 Dec 2017 18:58

Instrument :

BNA_G

ClientSampleId :

Driveway-Paving-1(0-12)

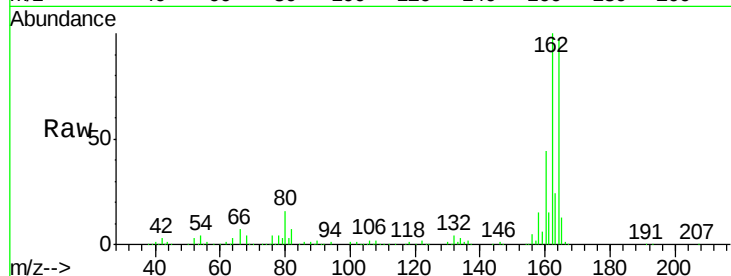
Tot Ion:164 Resp: 189456

Ion Ratio Lower Upper

164 100

162 103.2 78.8 118.2

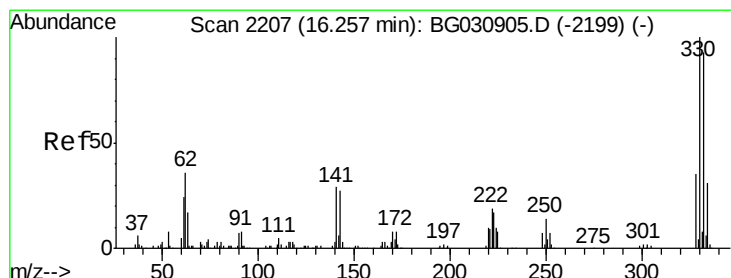
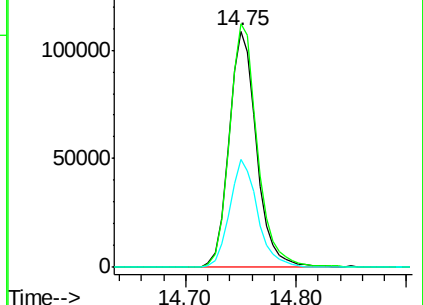
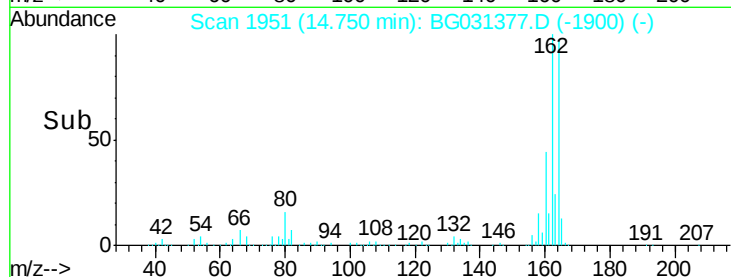
160 45.5 35.4 53.0



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: 85.736 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BG031377.D

Acq: 6 Dec 2017 18:58

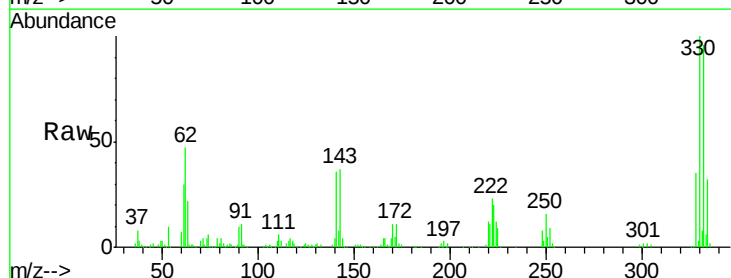
Tgt Ion:330 Resp: 262762

Ion Ratio Lower Upper

330 100

332 97.2 77.0 115.6

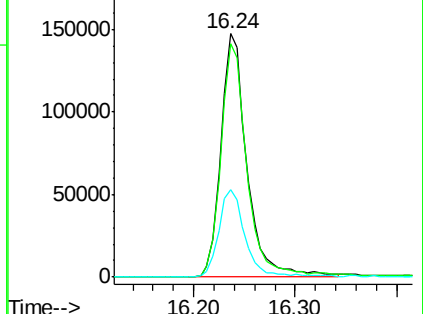
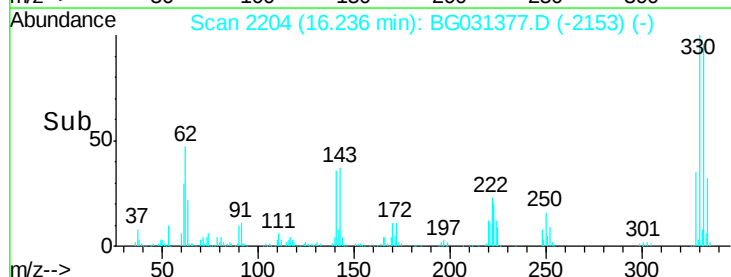
141 36.7 25.2 37.8

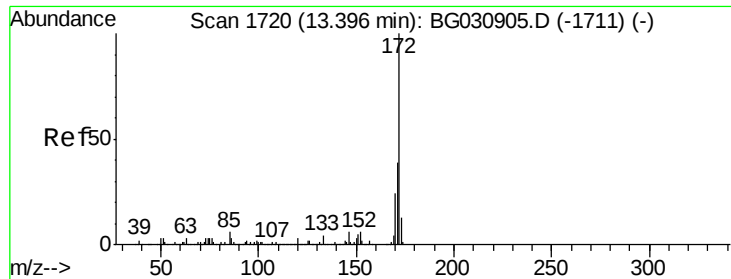


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

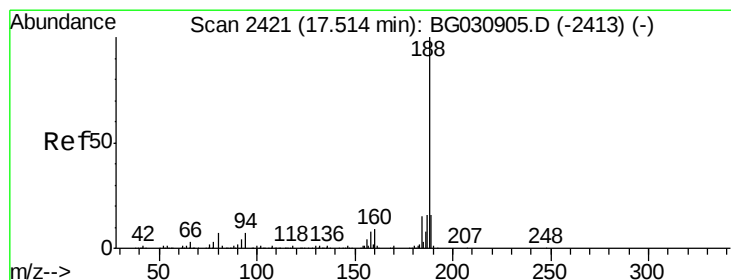
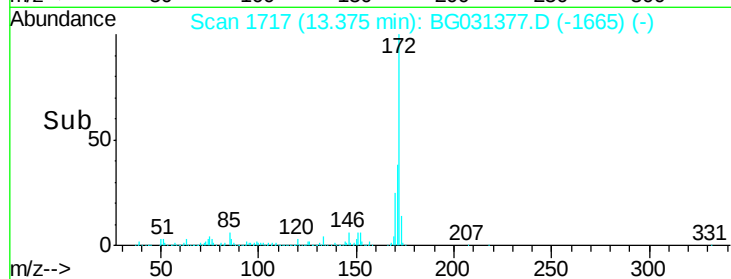
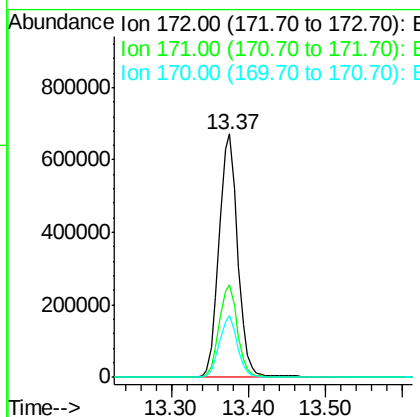
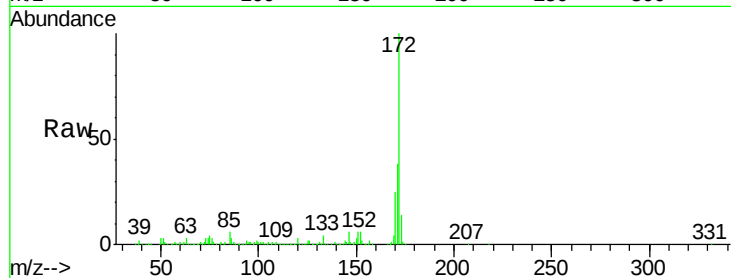




#44
 2-Fluorobiphenyl
 Concen: 85.684 ng
 RT: 13.37 min Scan# 1717
 Delta R.T. 0.01 min
 Lab File: BG031377.D
 Acq: 6 Dec 2017 18:58

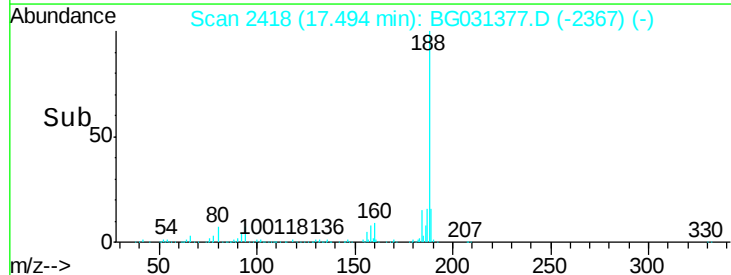
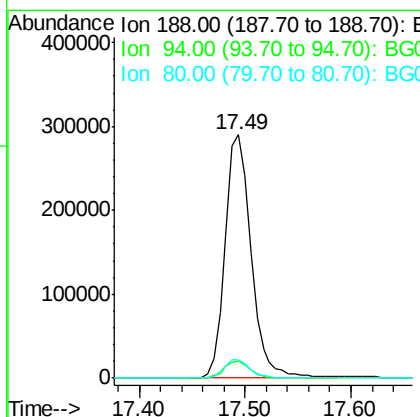
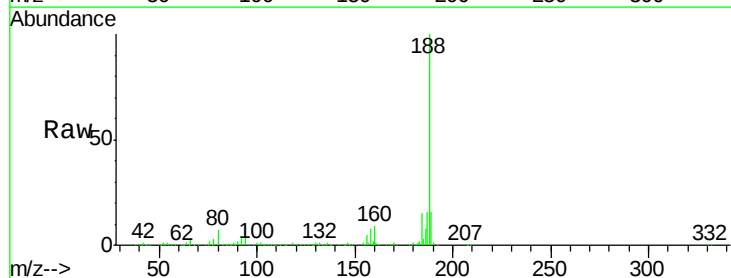
Instrument :
 BNA_G
 ClientSampleId :
 Driveway-Paving-1(0-12)

Tot Ion:172 Resp: 1129756
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.0 45.0
 170 25.2 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.49 min Scan# 2418
 Delta R.T. -0.00 min
 Lab File: BG031377.D
 Acq: 6 Dec 2017 18:58

Tgt Ion:188 Resp: 495999
 Ion Ratio Lower Upper
 188 100
 94 7.2 6.9 10.3
 80 7.4 7.7 11.5#





#75

Chrvsene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG031377.D

Acq: 6 Dec 2017 18:58

Instrument :

BNA_G

ClientSampleId :

Driveway-Paving-1(0-12)

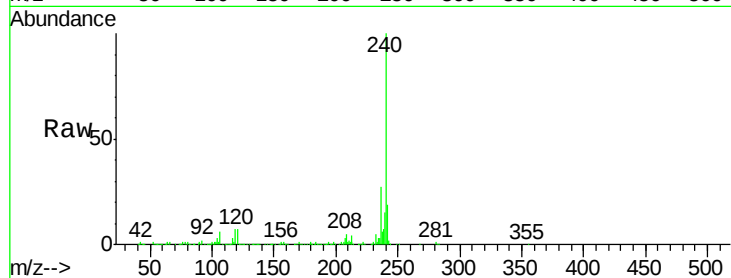
Tot Ion:240 Resp: 557998

Ion Ratio Lower Upper

240 100

120 7.2 6.8 10.2

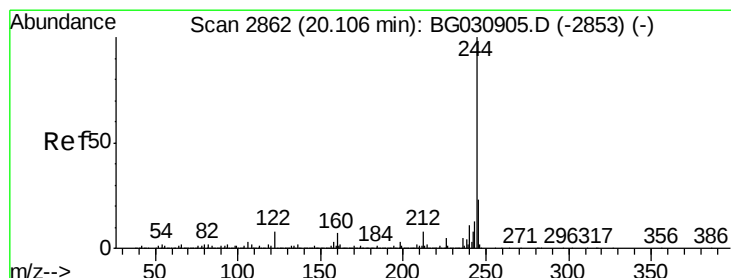
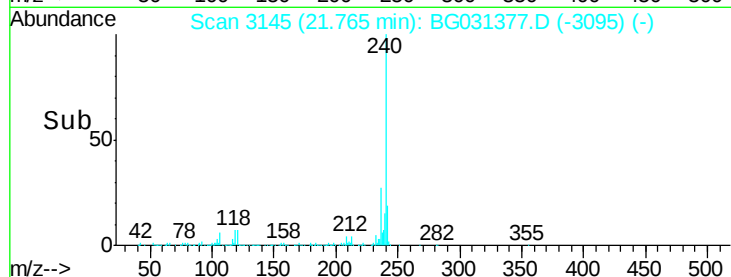
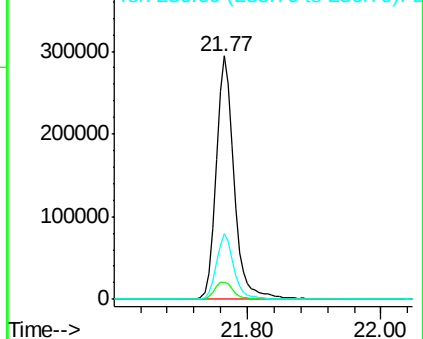
236 26.8 20.9 31.3



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: 82.924 ng

RT: 20.08 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG031377.D

Acq: 6 Dec 2017 18:58

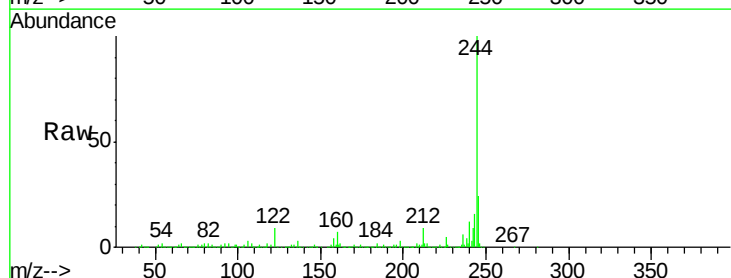
Tgt Ion:244 Resp: 2095547

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

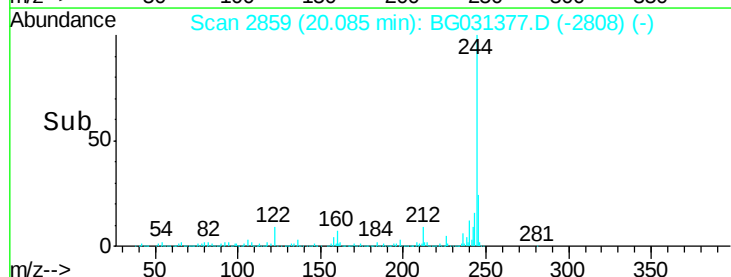
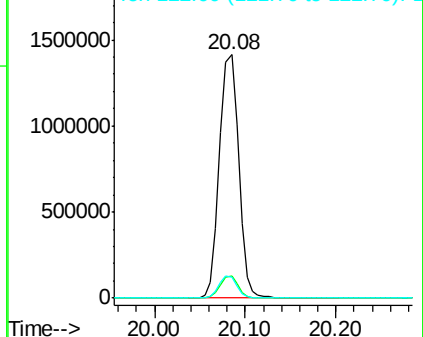
122 8.6 7.0 10.4

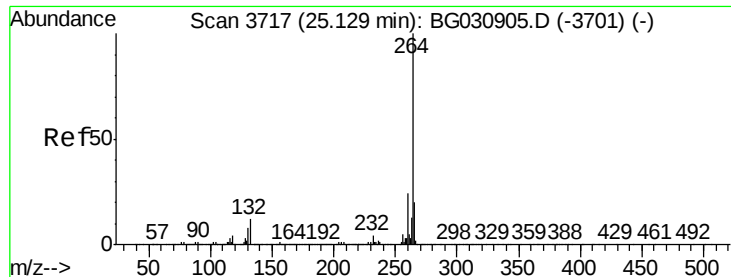


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

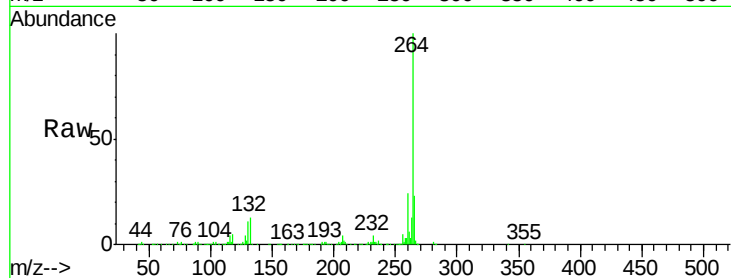




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.07 min Scan# 3707
 Delta R.T. -0.00 min
 Lab File: BG031377.D
 Acq: 6 Dec 2017 18:58

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	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

