

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031419\
 Data File : BG039935.D
 Acq On : 14 Mar 2019 21:40
 Operator : JU/SJ
 Sample : K1897-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-2-CONCRETE

Quant Time: Mar 15 08:11:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

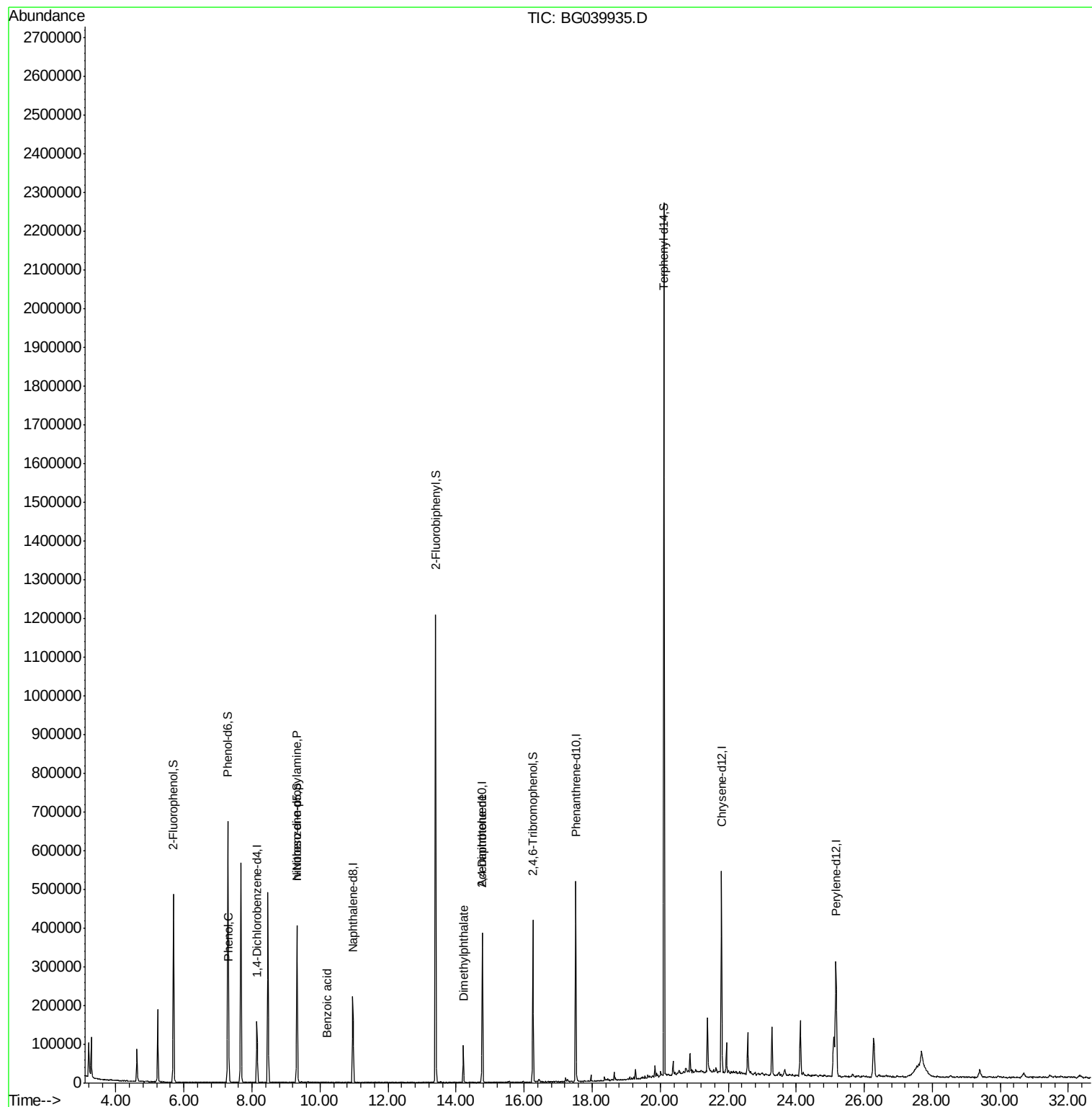
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	43421	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	186642	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	129134	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	330044	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	323756	20.00	ng	-0.02
87) Perylene-d12	25.17	264	331650	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	200697	78.85	ng	-0.02
7) Phenol-d6	7.29	99	384180	101.23	ng	-0.02
23) Nitrobenzene-d5	9.33	82	242893	70.38	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	70338	46.73	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	647079	71.35	ng	-0.02
79) Terphenyl-d14	20.11	244	1019230	69.32	ng	-0.01
Target Compounds						
10) Phenol	7.32	94	26554	6.459	ng	93
19) n-Nitroso-di-n-propylamine	9.32	70	33166	12.142	ng	# 71
32) Benzoic acid	10.21	122	55	6.624	ng	# 1
50) Dimethylphthalate	14.21	163	63066	5.840	ng	98
57) 2,4-Dinitrotoluene	14.77	165	16947	5.269	ng	# 19

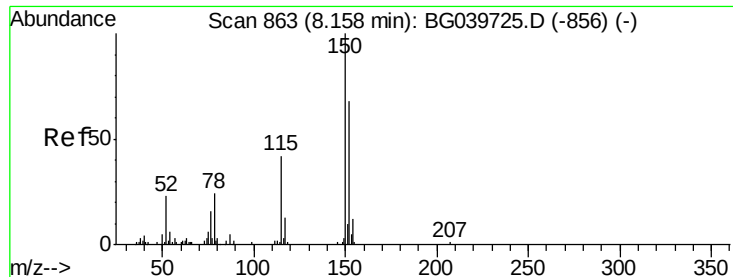
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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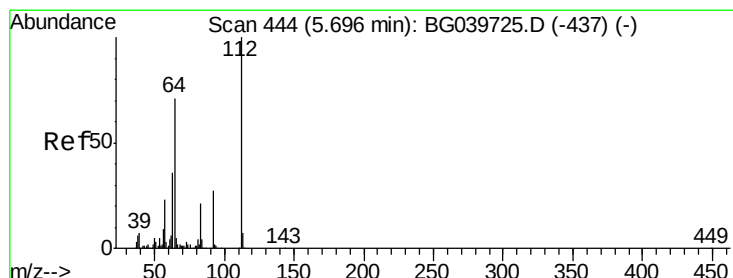
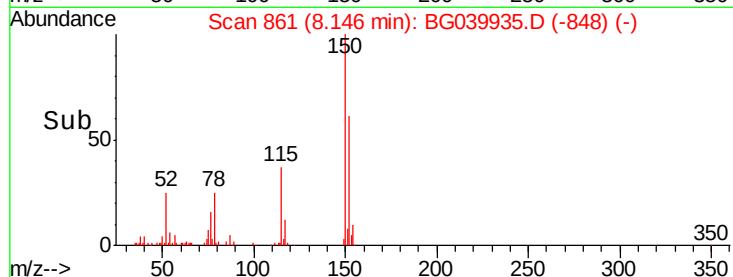
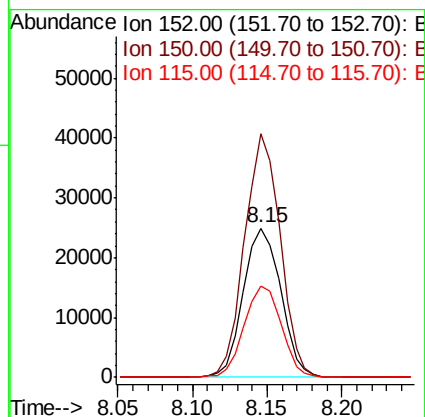
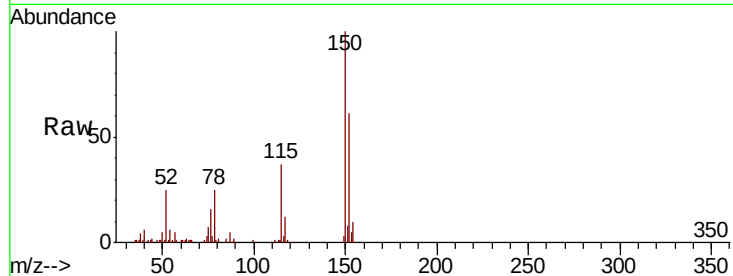


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG039935.D
Acq: 14 Mar 2019 21:40

Instrument :
BNA_G
ClientSampleId :
TP-1-2-CONCRETE

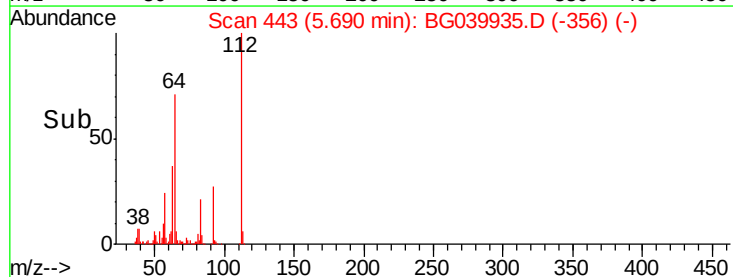
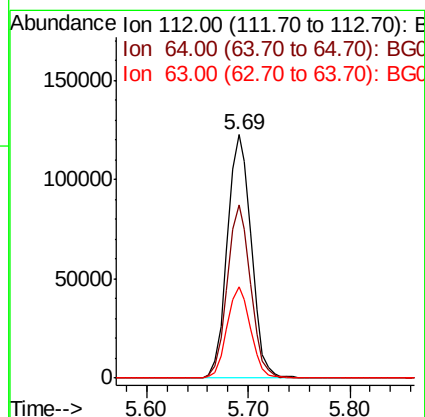
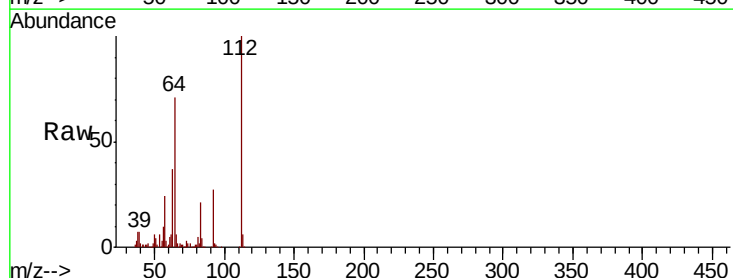
Tot Ion	Ratio	Lower	Upper
152	100		
150	162.9	123.7	185.5
115	60.7	45.9	68.9

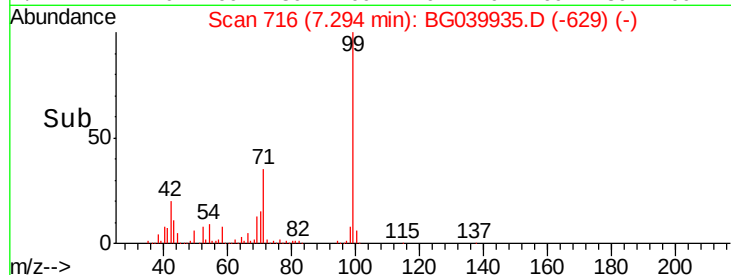
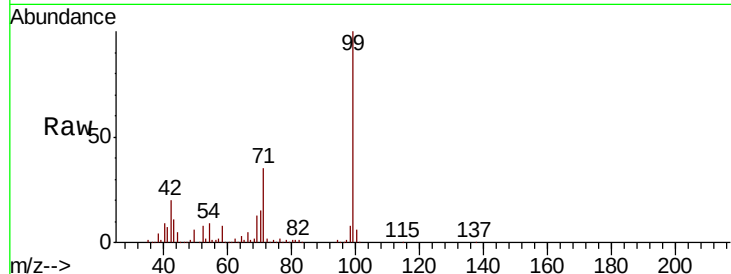
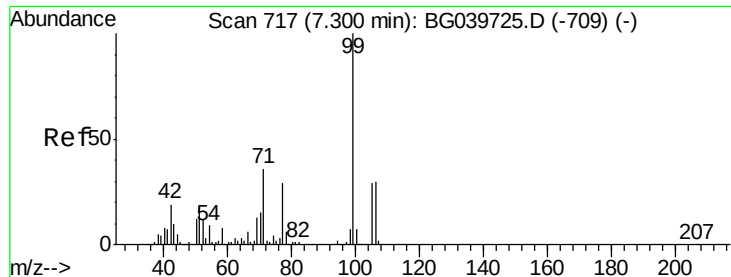


#5

2-Fluorophenol
Concen: 78.854 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG039935.D
Acq: 14 Mar 2019 21:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.1	57.8	86.8
63	37.4	29.8	44.6





#7

Phenol-d6

Concen: 101.233 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039935.D

Acq: 14 Mar 2019 21:40

Instrument :

BNA_G

ClientSampleId :

TP-1-2-CONCRETE

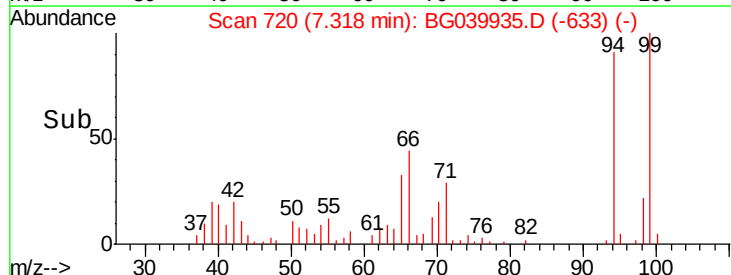
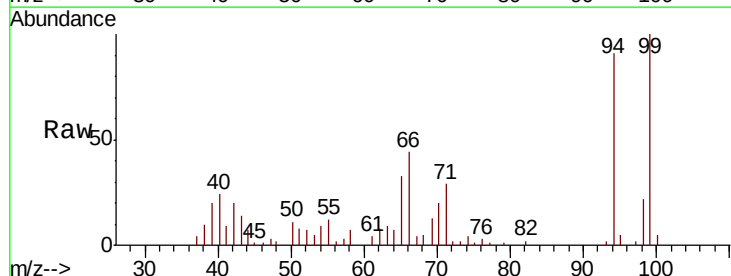
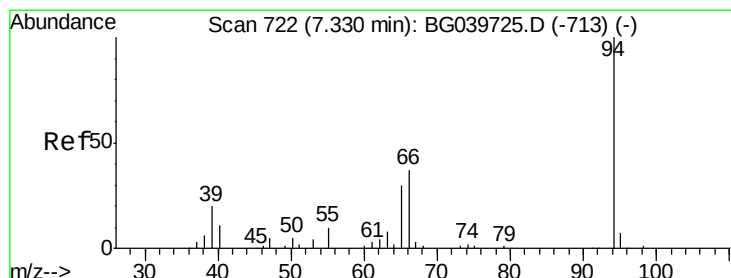
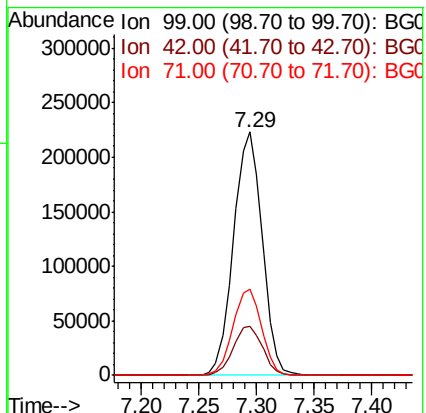
Tot Ion: 99 Resp: 384180

Ion Ratio Lower Upper

99 100

42 20.2 18.2 27.2

71 35.3 28.0 42.0



#10

Phenol

Concen: 6.459 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BG039935.D

Acq: 14 Mar 2019 21:40

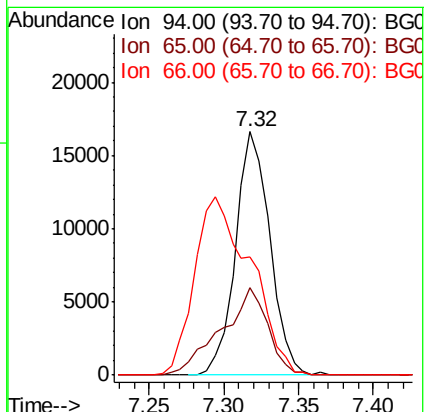
Tgt Ion: 94 Resp: 26554

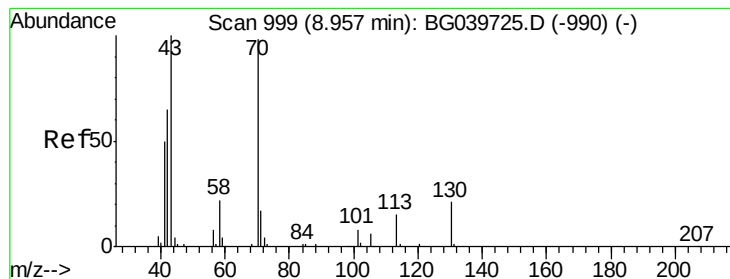
Ion Ratio Lower Upper

94 100

65 36.0 11.7 51.7

66 48.3 23.7 63.7





#19

n-Nitroso-di-n-propylamine

Concen: 12.142 ng

RT: 9.32 min Scan# 1061

Delta R.T. 0.35 min

Lab File: BG039935.D

Acq: 14 Mar 2019 21:40

Instrument :

BNA_G

ClientSampleId :

TP-1-2-CONCRETE

Tot Ion: 70 Resp: 33166

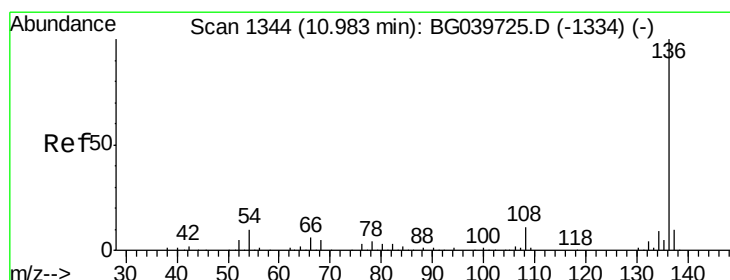
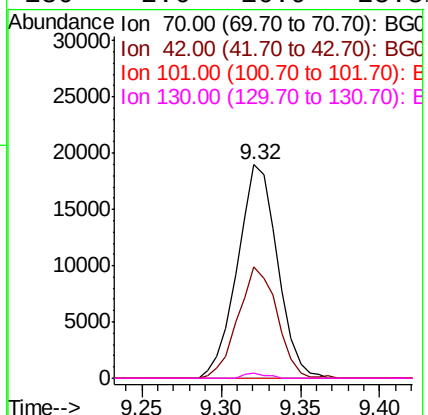
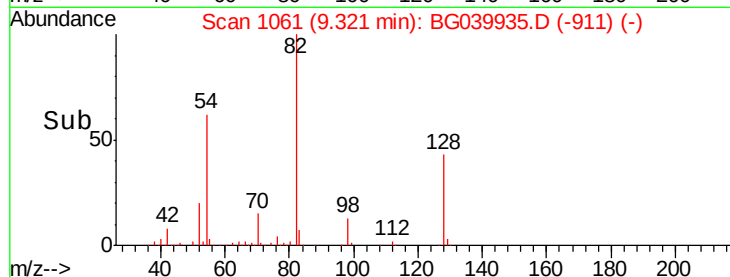
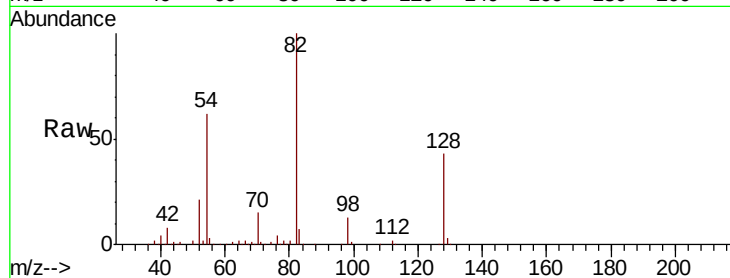
Ion Ratio Lower Upper

70 100

42 52.3 60.4 90.6#

101 0.0 7.5 11.3#

130 2.6 16.9 25.3#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.97 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BG039935.D

Acq: 14 Mar 2019 21:40

Tgt Ion: 136 Resp: 186642

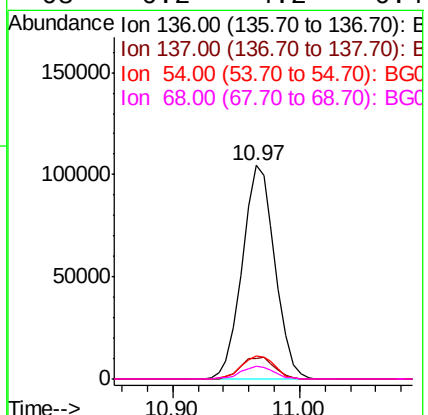
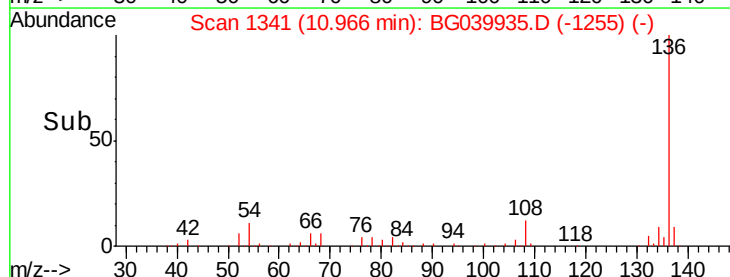
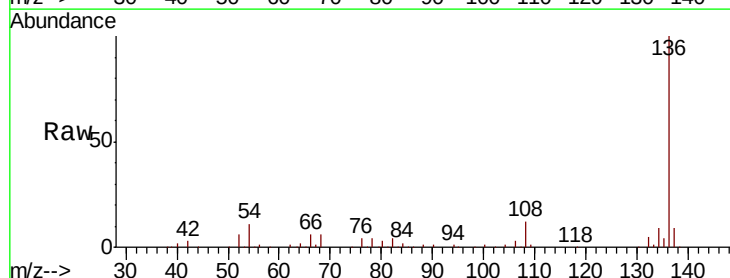
Ion Ratio Lower Upper

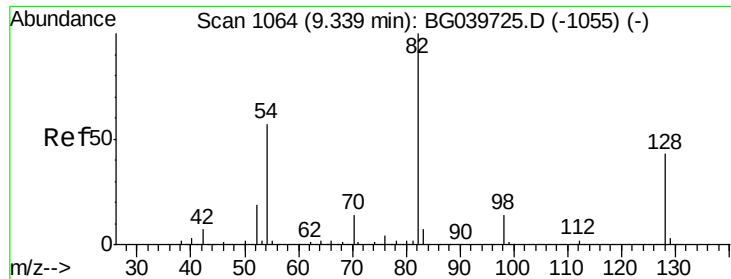
136 100

137 9.5 9.1 13.7

54 10.8 9.4 14.2

68 6.2 4.2 6.4

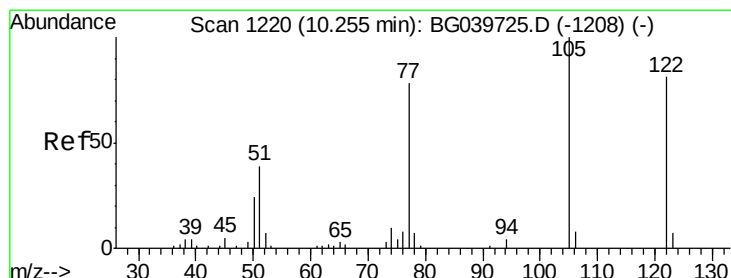
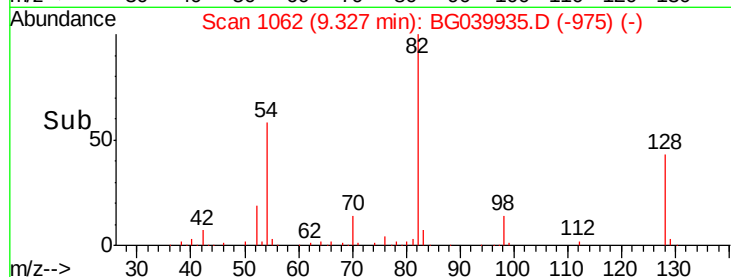
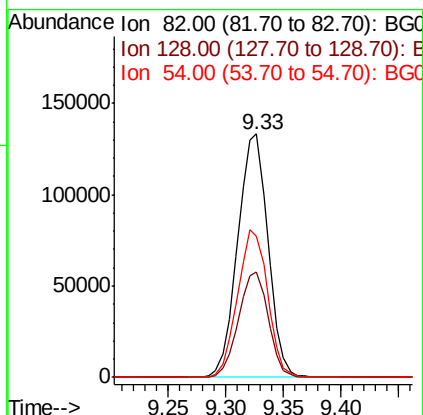
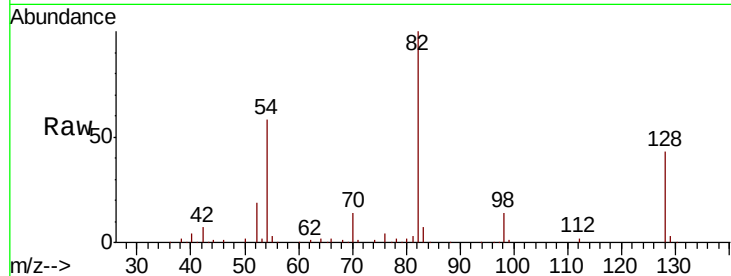




#23
 Nitrobenzene-d5
 Concen: 70.384 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.02 min
 Lab File: BG039935.D
 Acq: 14 Mar 2019 21:40

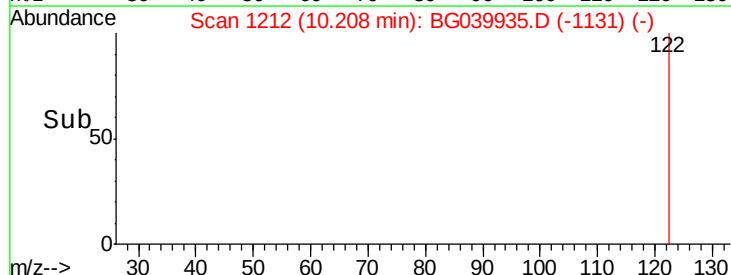
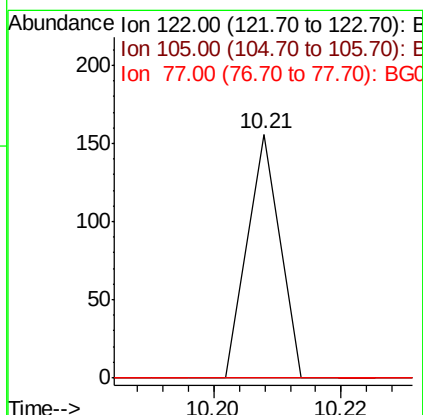
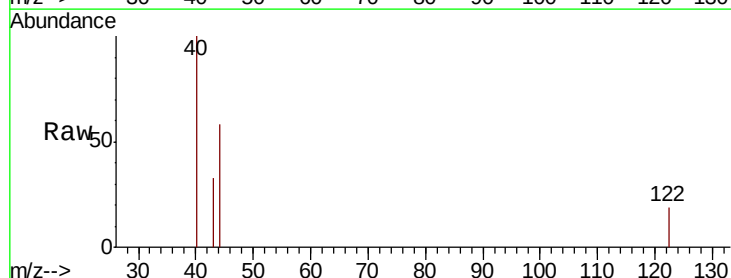
Instrument :
 BNA_G
 ClientSampleId :
 TP-1-2-CONCRETE

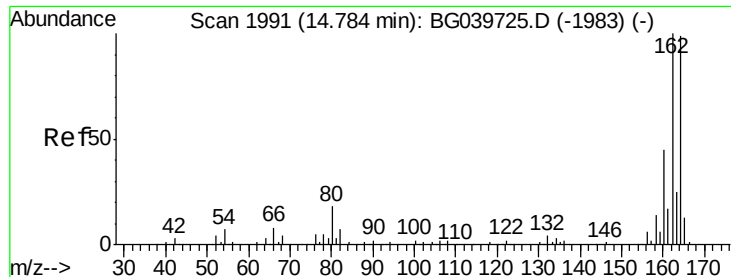
Tot Ion	82	Resp	242893
Ion Ratio	Lower	Upper	
82	100		
128	43.0	31.3	46.9
54	58.1	50.9	76.3



#32
 Benzoic acid
 Concen: 6.624 ng
 RT: 10.21 min Scan# 1212
 Delta R.T. -0.05 min
 Lab File: BG039935.D
 Acq: 14 Mar 2019 21:40

Tgt Ion	122	Resp	55
Ion Ratio	Lower	Upper	
122	100		
105	0.0	101.8	141.8#
77	0.0	76.3	116.3#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG039935.D

Acq: 14 Mar 2019 21:40

Instrument :

BNA_G

ClientSampleId :

TP-1-2-CONCRETE

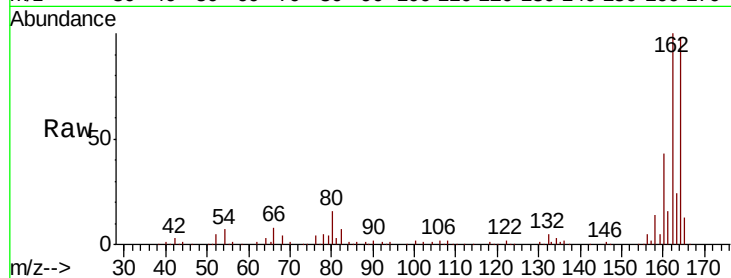
Tot Ion:164 Resp: 129134

Ion Ratio Lower Upper

164 100

162 101.6 81.6 122.4

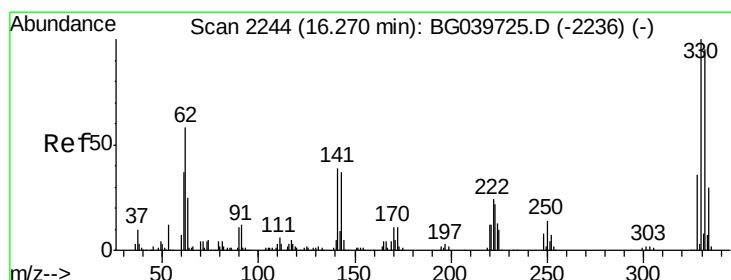
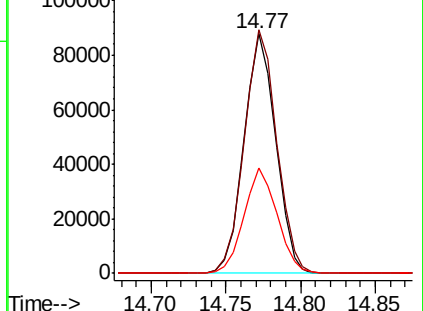
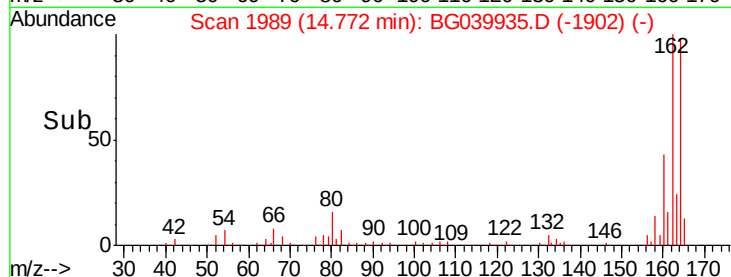
160 44.0 34.2 51.2



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



#42

2,4,6-Tribromophenol

Concen: 46.731 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG039935.D

Acq: 14 Mar 2019 21:40

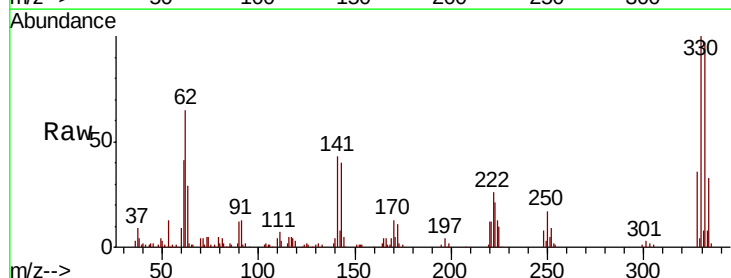
Tgt Ion:330 Resp: 70338

Ion Ratio Lower Upper

330 100

332 97.3 75.7 113.5

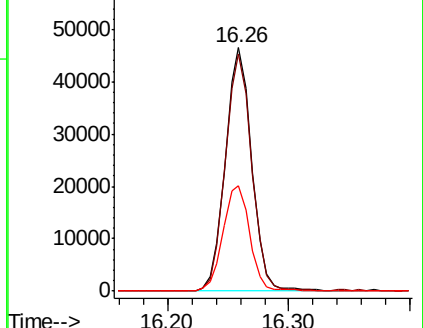
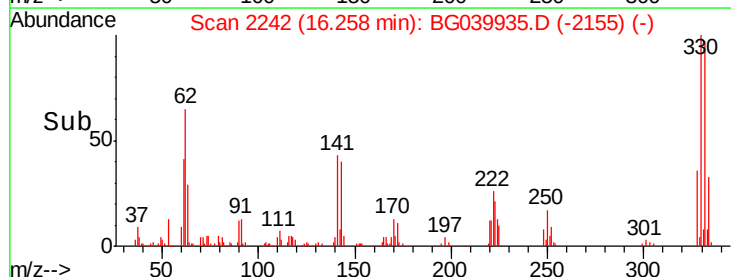
141 43.7 35.6 53.4

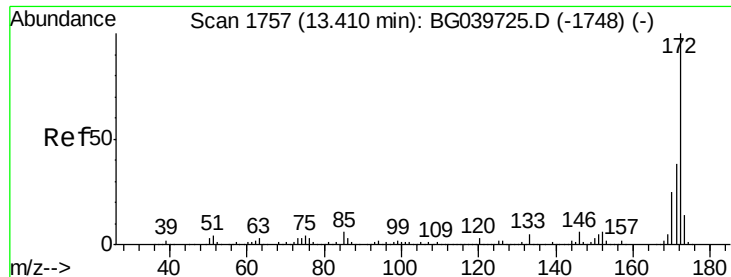


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

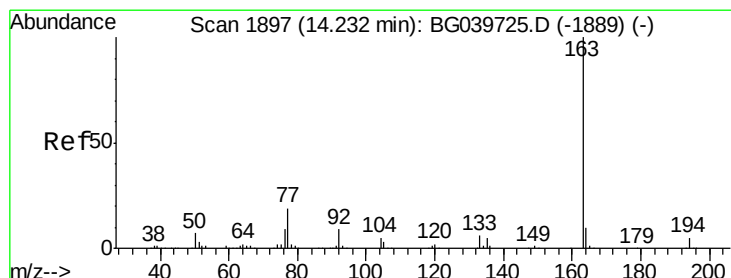
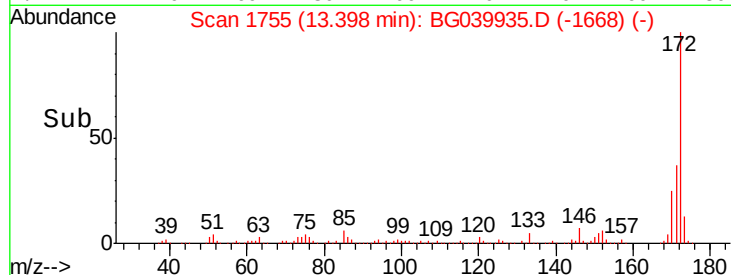
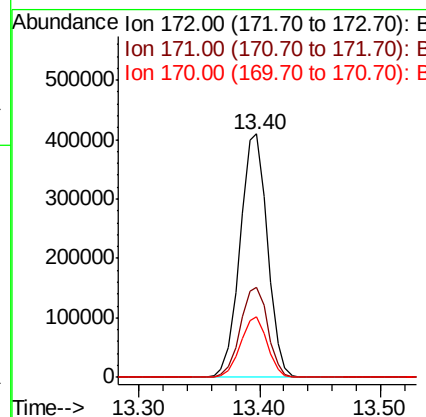
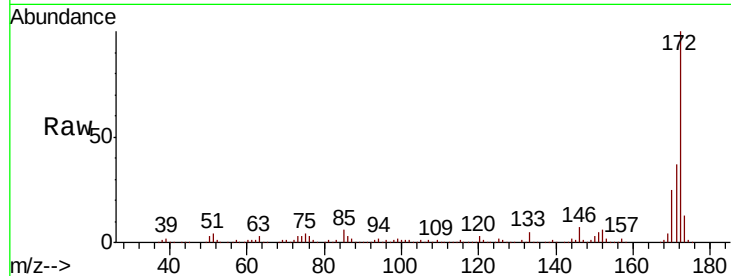




#45
2-Fluorobiphenyl
Concen: 71.347 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG039935.D
Acq: 14 Mar 2019 21:40

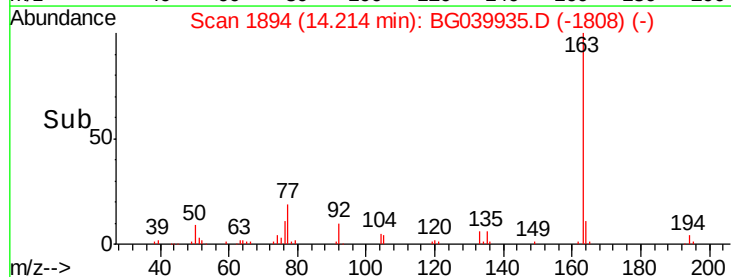
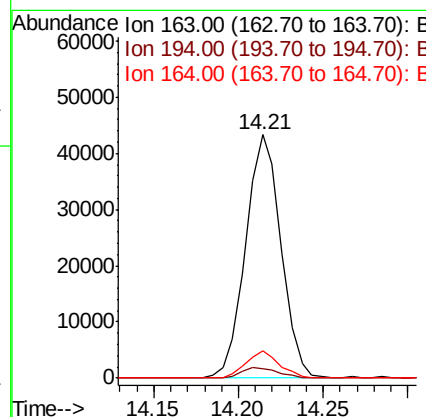
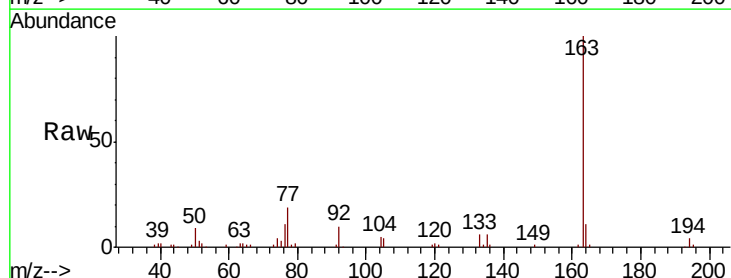
Instrument :
BNA_G
ClientSampleId :
TP-1-2-CONCRETE

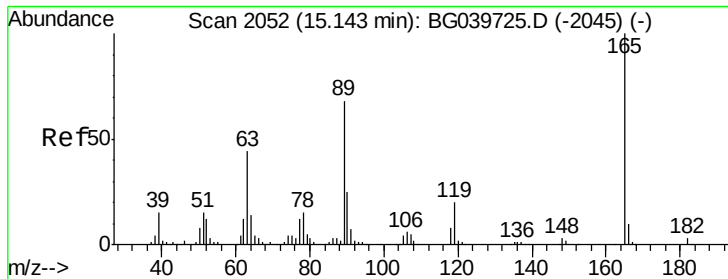
Tot Ion:172 Resp: 647079
Ion Ratio Lower Upper
172 100
171 37.2 30.8 46.2
170 24.7 20.2 30.4



#50
Dimethylphthalate
Concen: 5.840 ng
RT: 14.21 min Scan# 1894
Delta R.T. -0.02 min
Lab File: BG039935.D
Acq: 14 Mar 2019 21:40

Tgt Ion:163 Resp: 63066
Ion Ratio Lower Upper
163 100
194 3.8 3.6 5.4
164 11.2 8.4 12.6

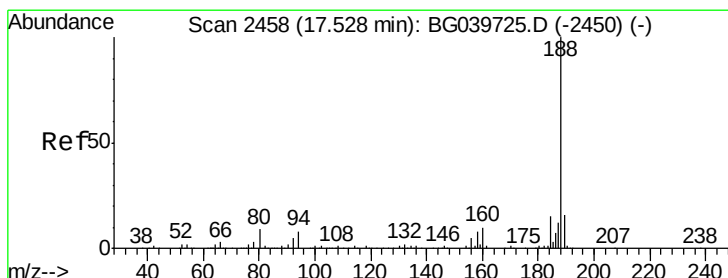
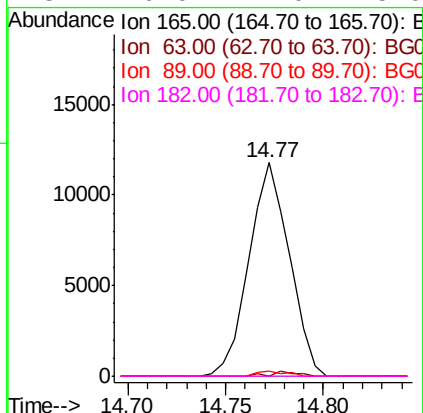
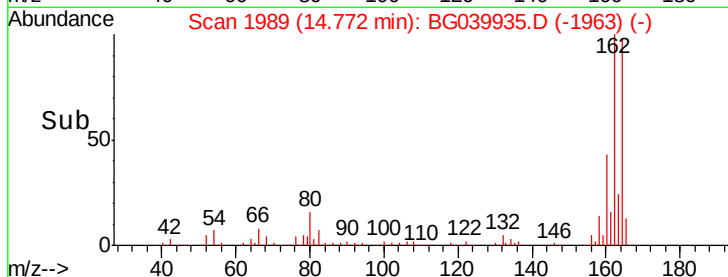
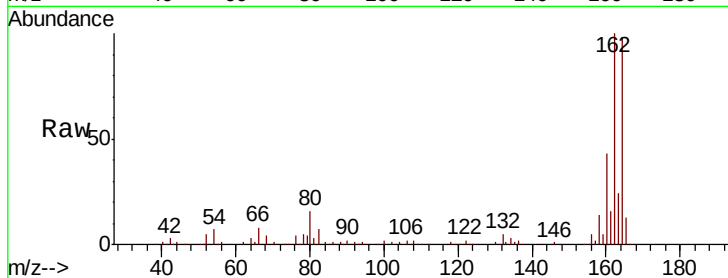




#57
 2,4-Dinitrotoluene
 Concen: 5.269 ng
 RT: 14.77 min Scan# 1989
 Delta R.T. -0.38 min
 Lab File: BG039935.D
 Acq: 14 Mar 2019 21:40

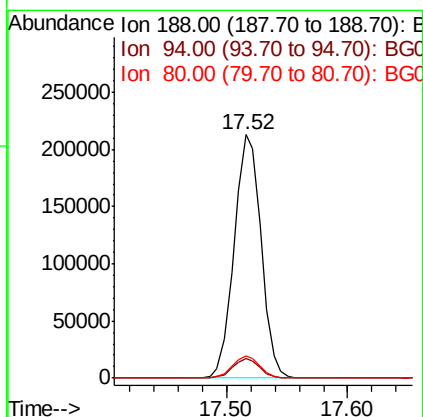
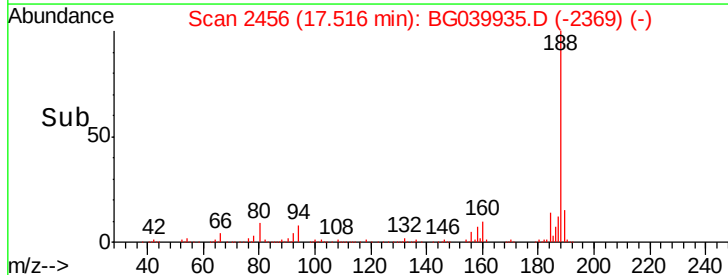
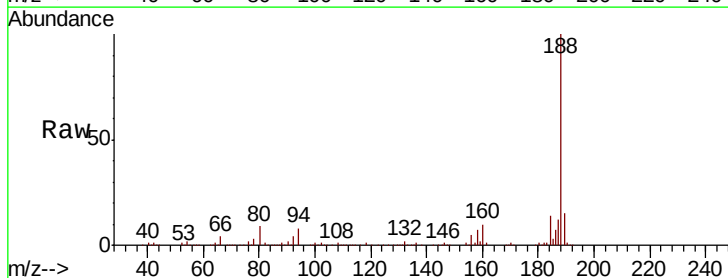
Instrument :
 BNA_G
 ClientSampleId :
 TP-1-2-CONCRETE

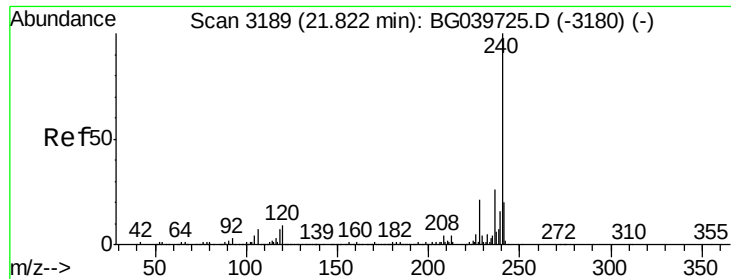
Tot Ion:165	Resp:	16947
Ion Ratio	Lower	Upper
165	100	
63	0.0	41.0 61.6#
89	2.5	64.6 96.8#
182	0.0	2.0 3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2456
 Delta R.T. -0.02 min
 Lab File: BG039935.D
 Acq: 14 Mar 2019 21:40

Tgt Ion:188	Resp:	330044
Ion Ratio	Lower	Upper
188	100	
94	7.9	6.9 10.3
80	8.9	8.1 12.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3186

Delta R.T. -0.02 min

Lab File: BG039935.D

Acq: 14 Mar 2019 21:40

Instrument :

BNA_G

ClientSampleId :

TP-1-2-CONCRETE

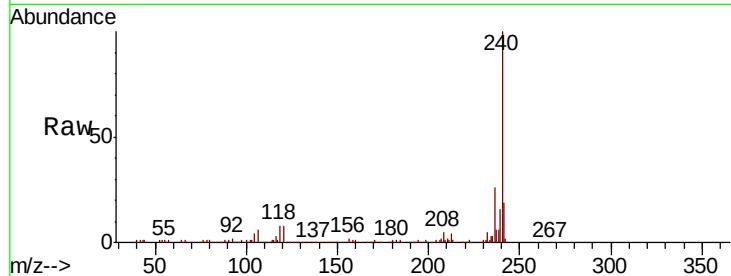
Tot Ion:240 Resp: 323756

Ion Ratio Lower Upper

240 100

120 7.8 7.0 10.6

236 26.1 21.0 31.4

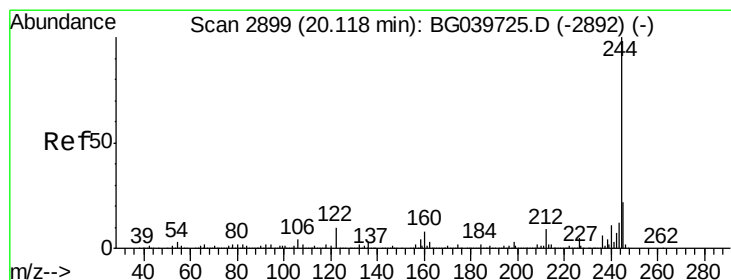
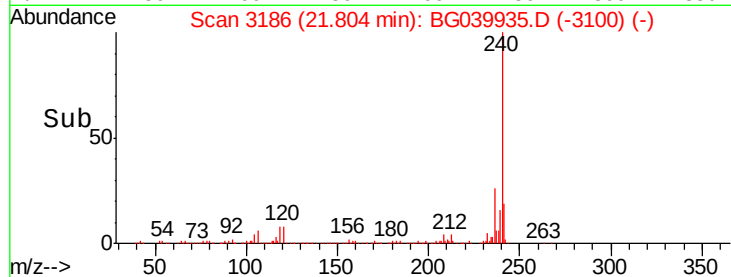
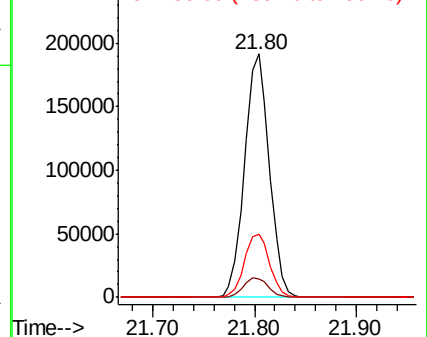


Abundance

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



#79

Terphenyl-d14

Concen: 69.316 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039935.D

Acq: 14 Mar 2019 21:40

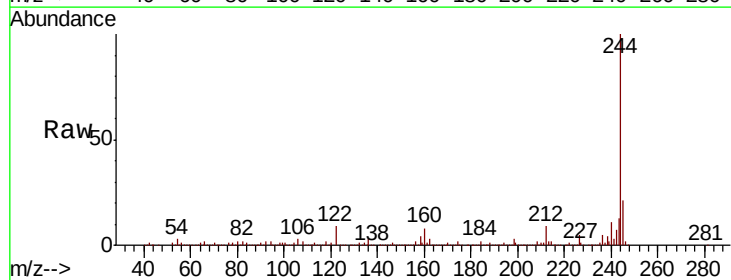
Tgt Ion:244 Resp: 1019230

Ion Ratio Lower Upper

244 100

212 9.2 7.3 10.9

122 8.8 8.4 12.6

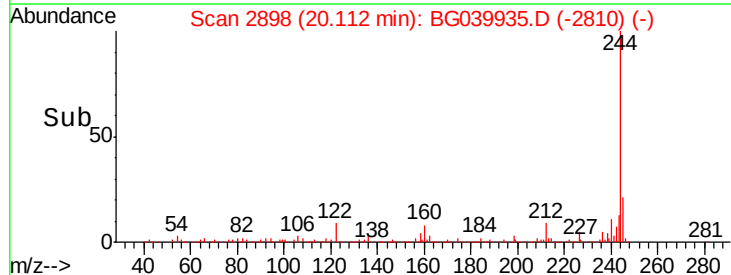
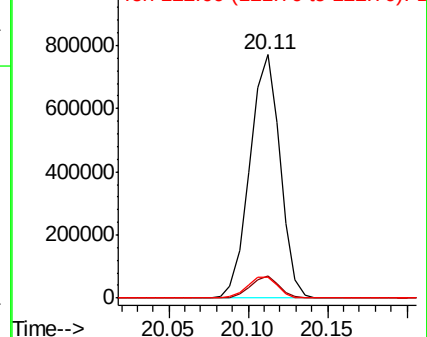


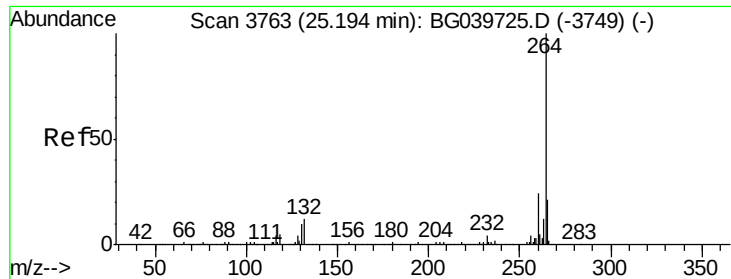
Abundance

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





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.17 min Scan# 3759
Delta R.T. -0.03 min
Lab File: BG039935.D
Acq: 14 Mar 2019 21:40

Instrument :
BNA_G
ClientSampleId :
TP-1-2-CONCRETE

Tot Ion: 264 Resp: 331650
Ion Ratio Lower Upper
264 100
260 24.9 18.2 27.4
265 20.7 18.5 27.7

