

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031519\
 Data File : BG039941.D
 Acq On : 15 Mar 2019 14:52
 Operator : JU/SJ
 Sample : K1914-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-PILE

Quant Time: Mar 16 04:24:33 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

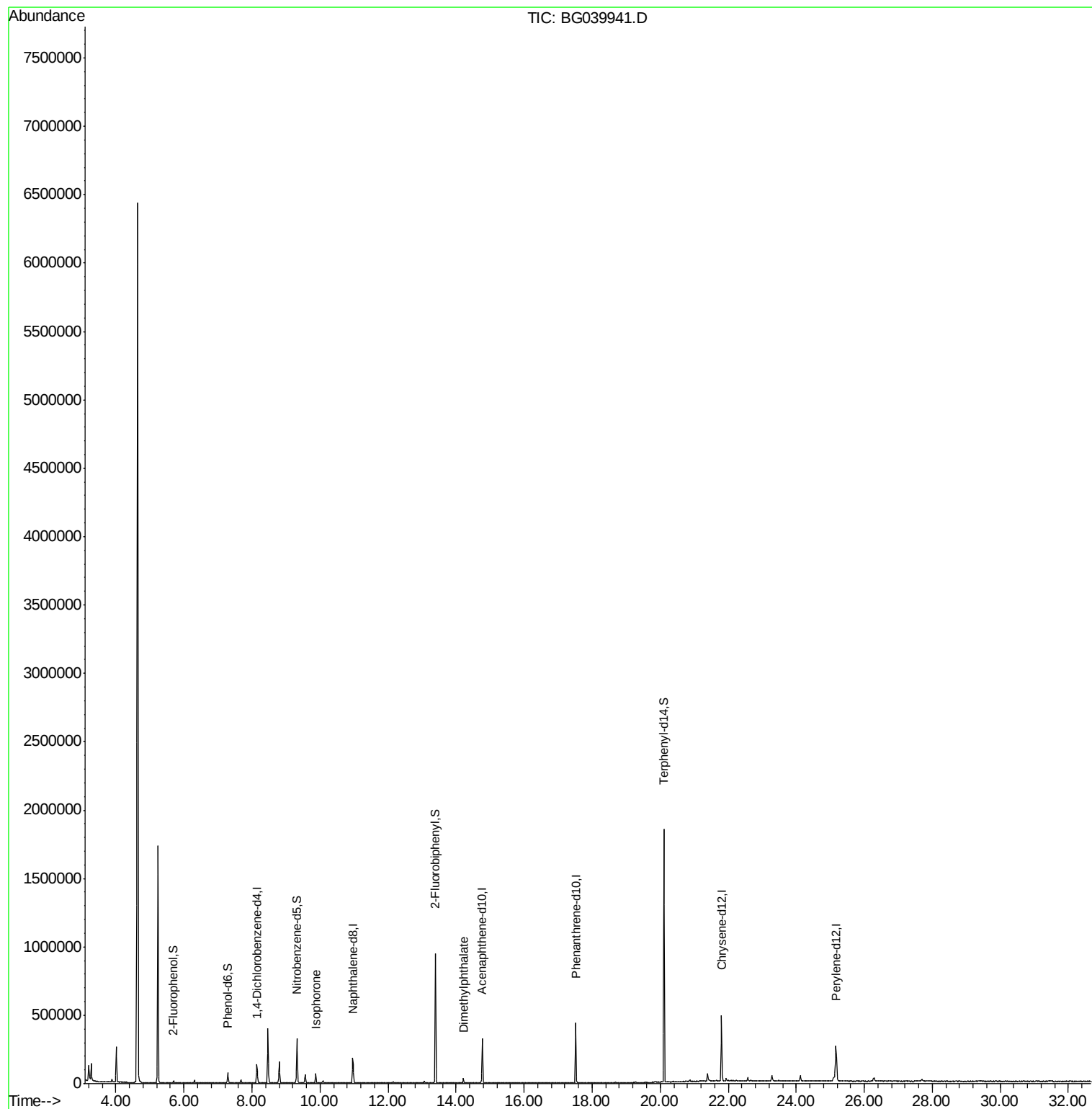
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	37978	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	158887	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	108428	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	277742	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	293378	20.00	ng	-0.02
87) Perylene-d12	25.17	264	293197	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	6716	3.02	ng	-0.02
7) Phenol-d6	7.29	99	42074	12.68	ng	-0.02
23) Nitrobenzene-d5	9.32	82	193210	65.77	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	635	0.50	ng	-0.01
45) 2-Fluorobiphenyl	13.39	172	507462	66.64	ng	-0.02
79) Terphenyl-d14	20.11	244	862203	64.71	ng	-0.01
Target Compounds						
25) Isophorone	9.87	82	48902	7.944	ng	100
50) Dimethylphthalate	14.21	163	25578	2.821	ng	97

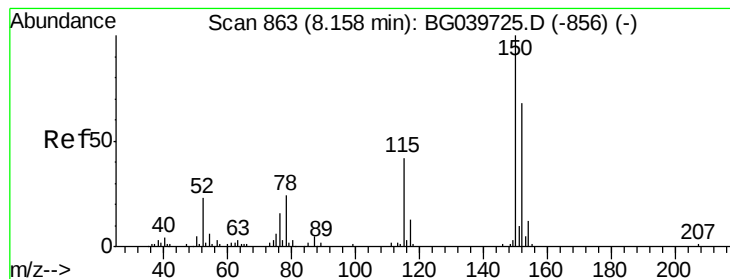
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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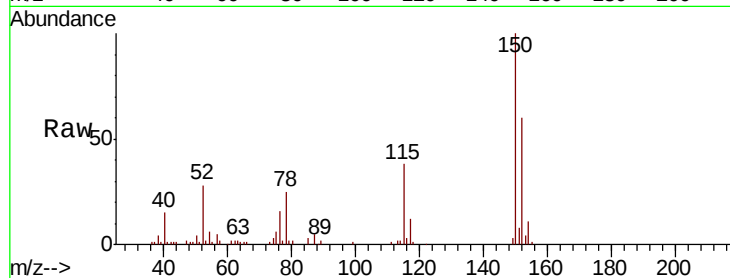


#1

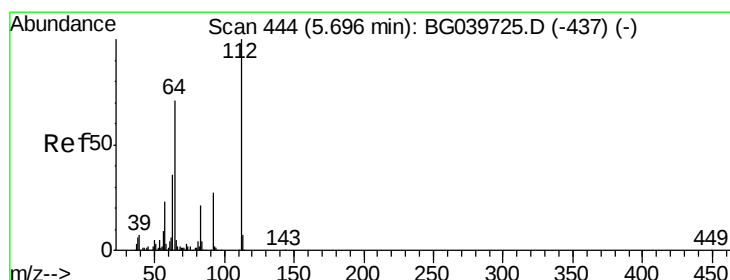
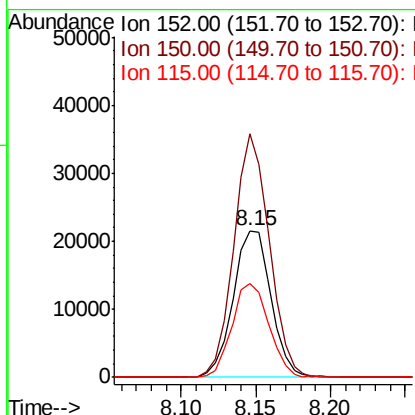
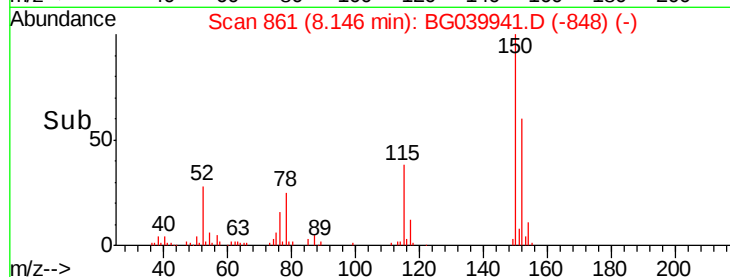
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BG039941.D
Acq: 15 Mar 2019 14:52

Instrument :
BNA_G
ClientSampleId :
CONCRETE-PILE

Tot Ion:152 Resp: 37978
Ion Ratio Lower Upper
152 100
150 165.9 123.7 185.5
115 63.7 45.9 68.9



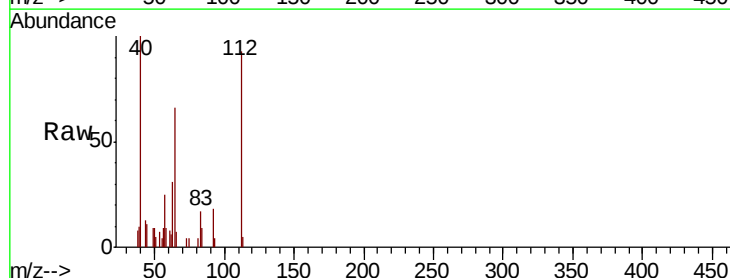
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



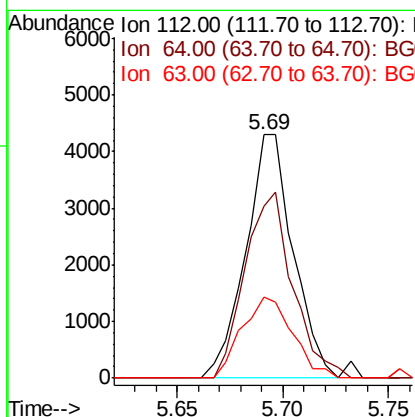
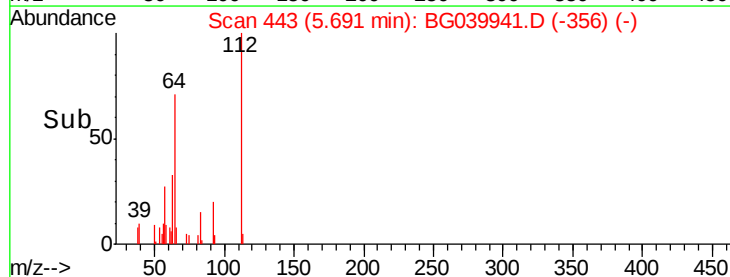
#5

2-Fluorophenol
Concen: 3.017 ng
RT: 5.69 min Scan# 443
Delta R.T. -0.02 min
Lab File: BG039941.D
Acq: 15 Mar 2019 14:52

Tgt Ion:112 Resp: 6716
Ion Ratio Lower Upper
112 100
64 70.5 57.8 86.8
63 33.3 29.8 44.6



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: 12.676 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039941.D

Acq: 15 Mar 2019 14:52

Instrument :

BNA_G

ClientSampleId :

CONCRETE-PILE

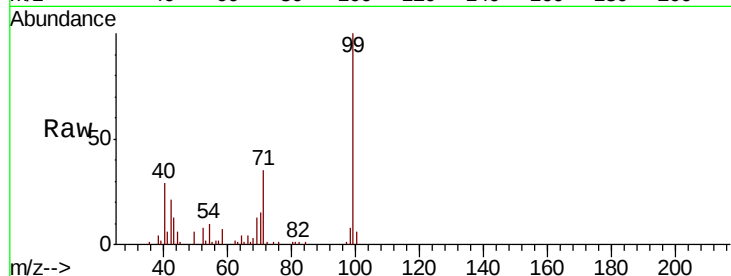
Tot Ion: 99 Resp: 42074

Ion Ratio Lower Upper

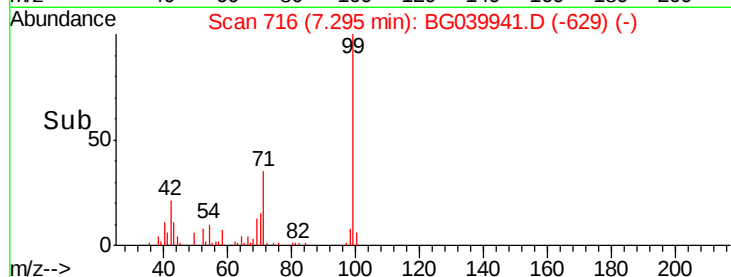
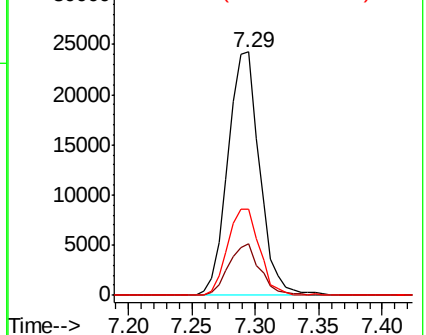
99 100

42 21.2 18.2 27.2

71 35.2 28.0 42.0



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: 10.97 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BG039941.D

Acq: 15 Mar 2019 14:52

Tgt Ion: 136 Resp: 158887

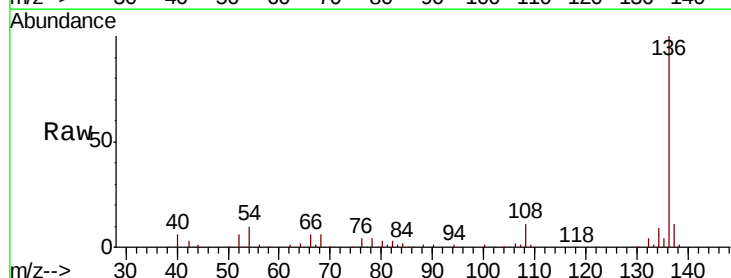
Ion Ratio Lower Upper

136 100

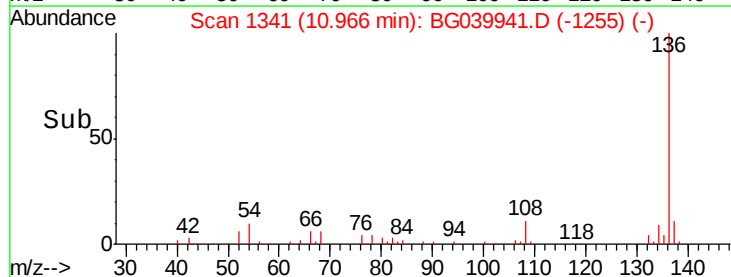
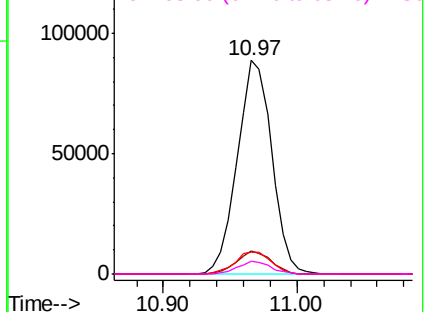
137 10.8 9.1 13.7

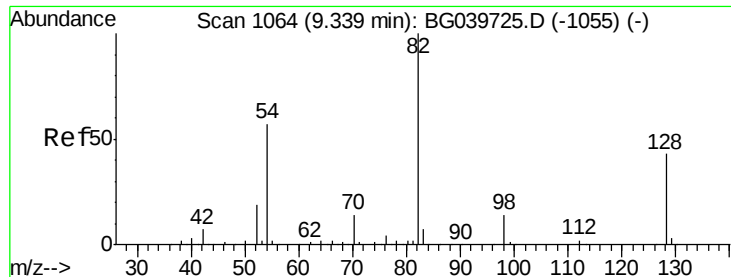
54 10.2 9.4 14.2

68 5.9 4.2 6.4



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

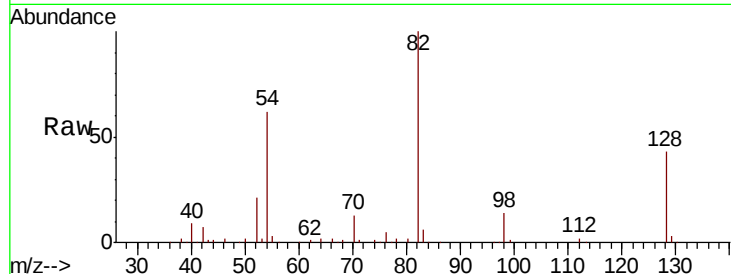




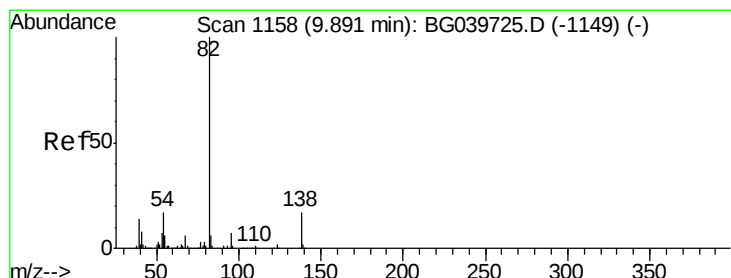
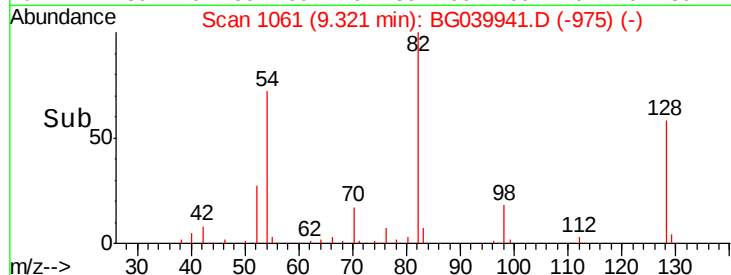
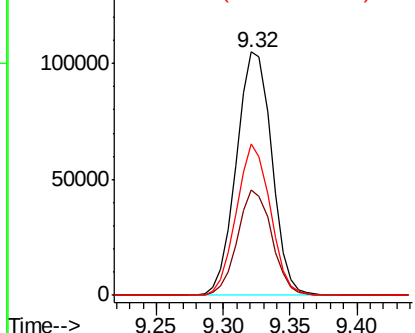
#23
 Nitrobenzene-d5
 Concen: 65.767 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG039941.D
 Acq: 15 Mar 2019 14:52

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-PILE

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.2	31.3	46.9
54	62.2	50.9	76.3

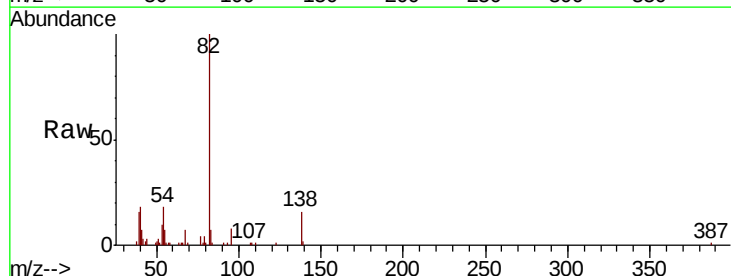


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

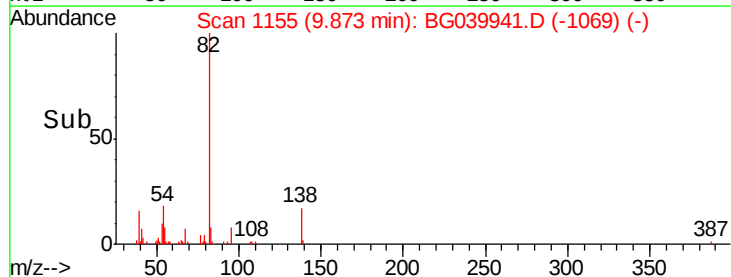
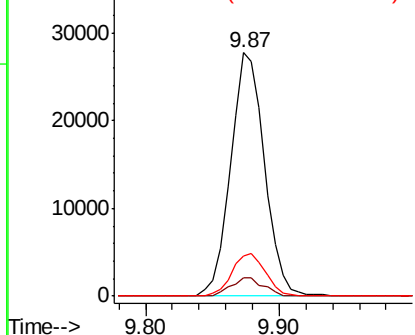


#25
 Isophorone
 Concen: 7.944 ng
 RT: 9.87 min Scan# 1155
 Delta R.T. -0.02 min
 Lab File: BG039941.D
 Acq: 15 Mar 2019 14:52

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.2	9.2
138	16.3	13.0	19.4



Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 138.00 (137.70 to 138.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG039941.D

Acq: 15 Mar 2019 14:52

Instrument :

BNA_G

ClientSampleId :

CONCRETE-PILE

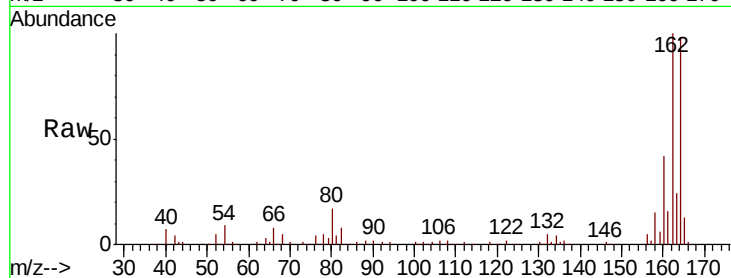
Tot Ion:164 Resp: 108428

Ion Ratio Lower Upper

164 100

162 101.8 81.6 122.4

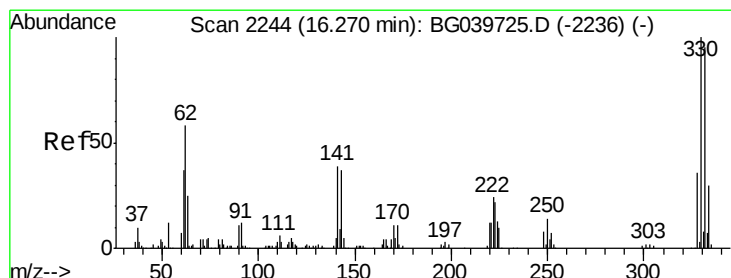
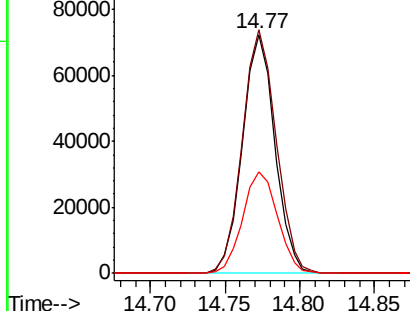
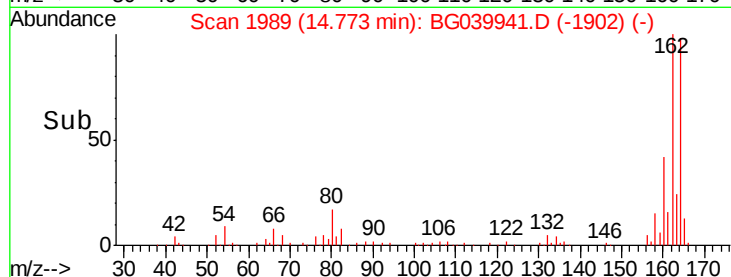
160 42.7 34.2 51.2



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: 0.502 ng

RT: 16.26 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG039941.D

Acq: 15 Mar 2019 14:52

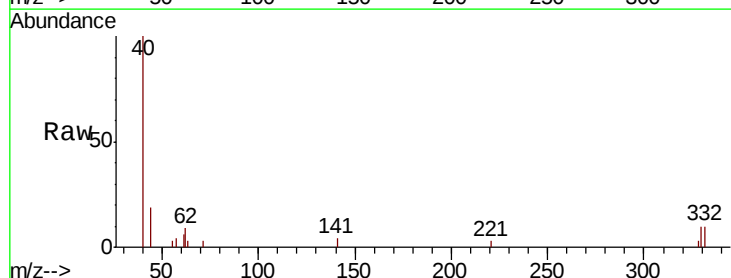
Tgt Ion:330 Resp: 635

Ion Ratio Lower Upper

330 100

332 104.6 75.7 113.5

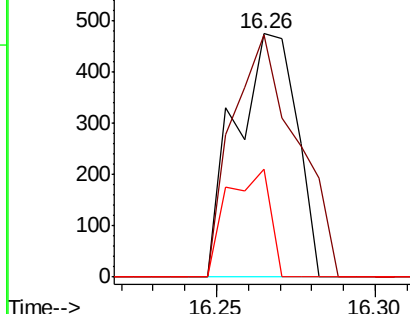
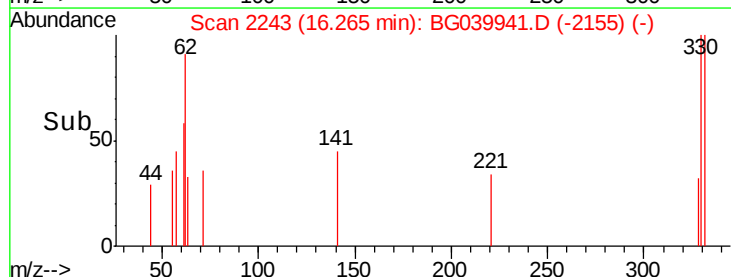
141 30.9 35.6 53.4#



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

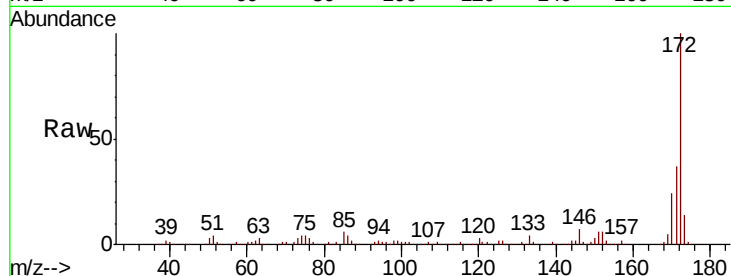




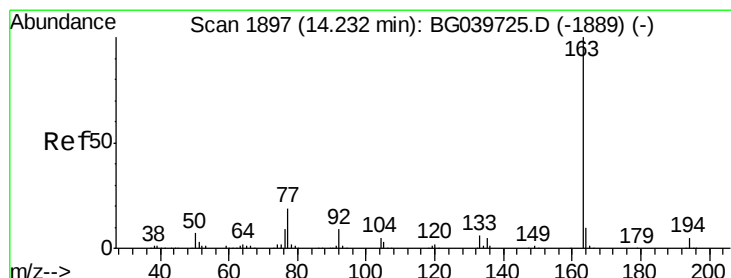
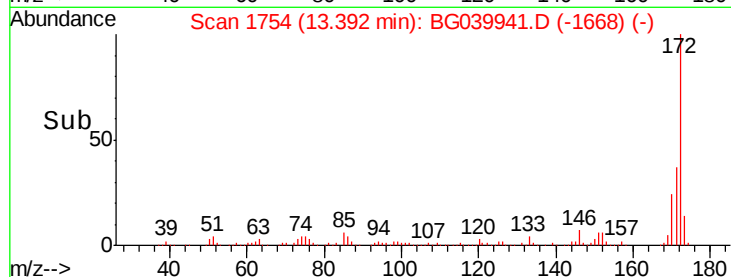
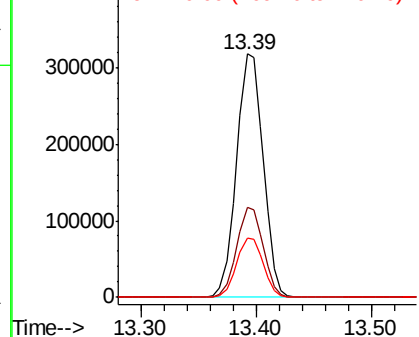
#45
2-Fluorobiphenyl
Concen: 66.638 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG039941.D
Acq: 15 Mar 2019 14:52

Instrument :
BNA_G
ClientSampleId :
CONCRETE-PILE

Tot Ion:172 Resp: 507462
Ion Ratio Lower Upper
172 100
171 37.1 30.8 46.2
170 24.2 20.2 30.4

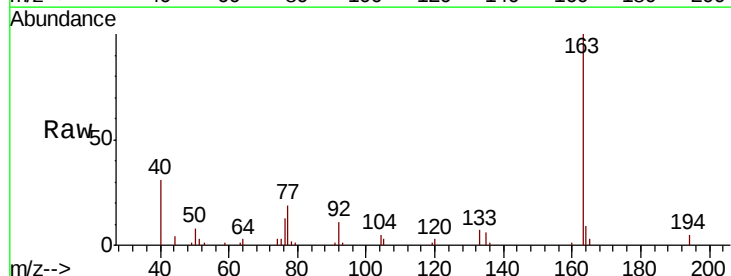


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

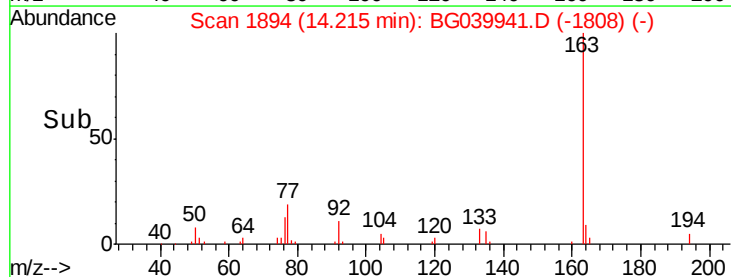
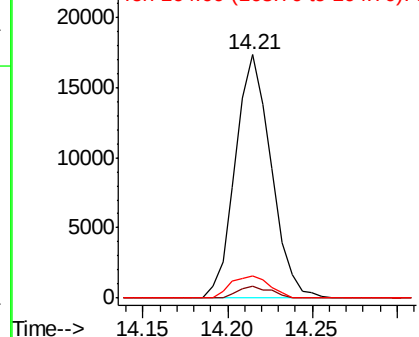


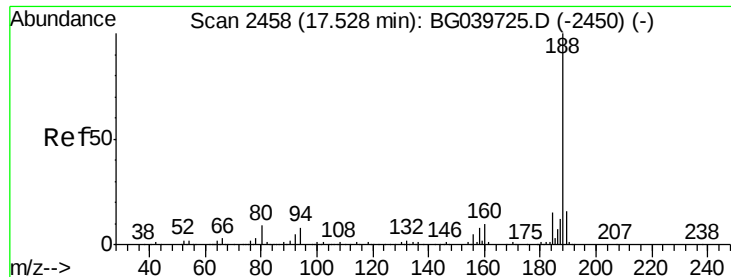
#50
Dimethylphthalate
Concen: 2.821 ng
RT: 14.21 min Scan# 1894
Delta R.T. -0.02 min
Lab File: BG039941.D
Acq: 15 Mar 2019 14:52

Tgt Ion:163 Resp: 25578
Ion Ratio Lower Upper
163 100
194 4.9 3.6 5.4
164 9.2 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.02 min

Lab File: BG039941.D

Acq: 15 Mar 2019 14:52

Instrument :

BNA_G

ClientSampleId :

CONCRETE-PILE

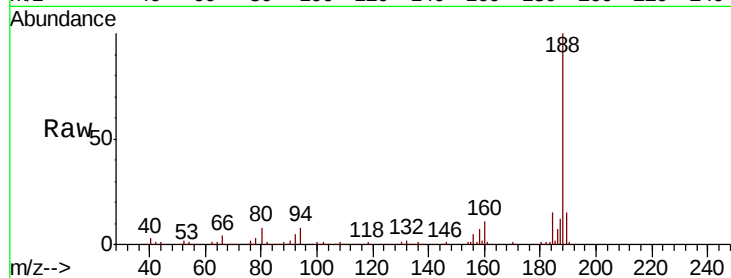
Tot Ion:188 Resp: 277742

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

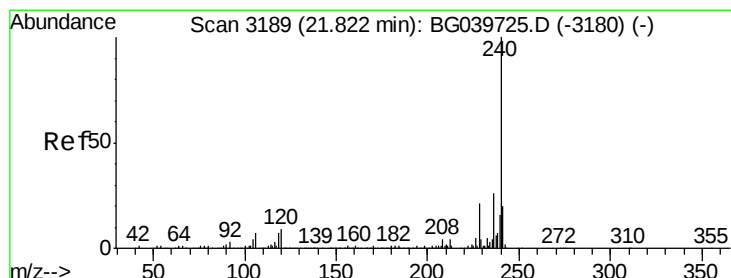
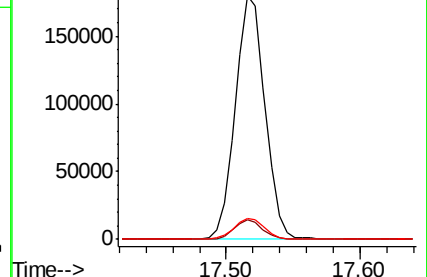
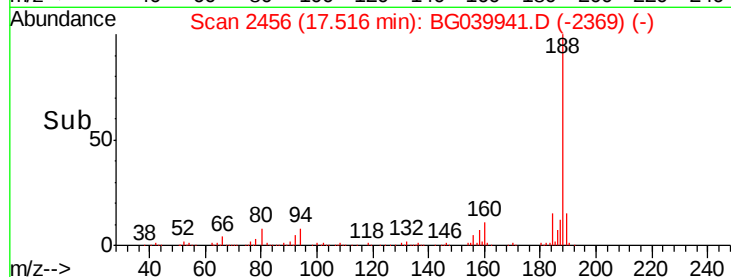
80 8.3 8.1 12.1



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3186

Delta R.T. -0.02 min

Lab File: BG039941.D

Acq: 15 Mar 2019 14:52

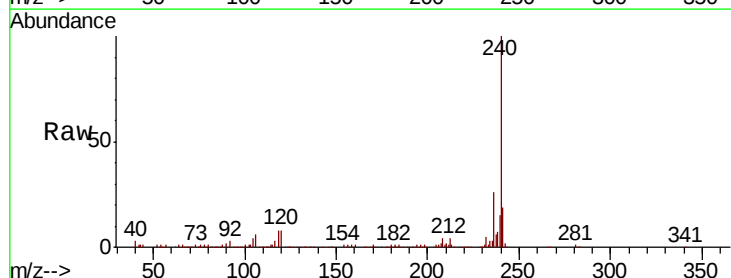
Tgt Ion:240 Resp: 293378

Ion Ratio Lower Upper

240 100

120 7.8 7.0 10.6

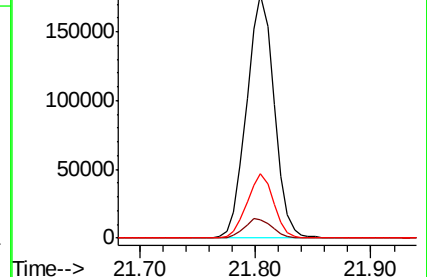
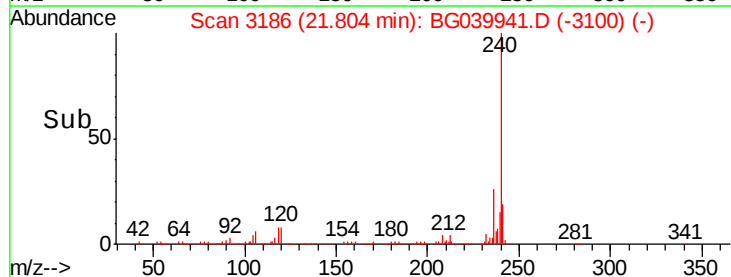
236 26.2 21.0 31.4

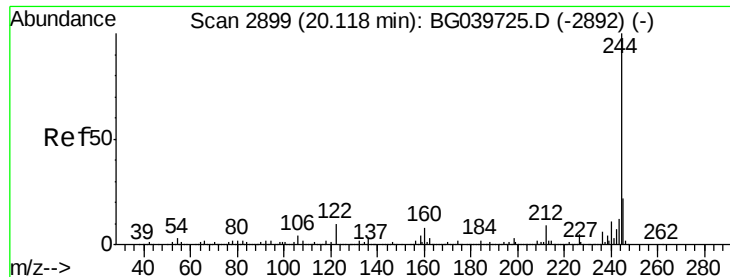


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 64.708 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039941.D

Acq: 15 Mar 2019 14:52

Instrument :

BNA_G

ClientSampleId :

CONCRETE-PILE

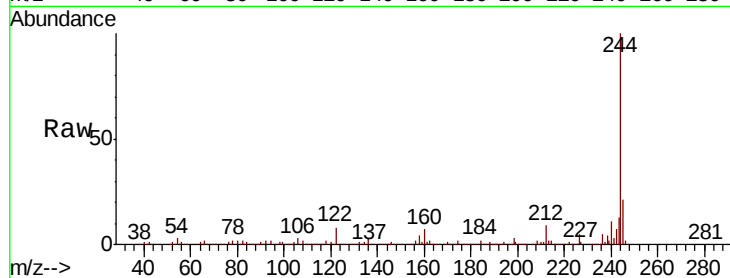
Tot Ion:244 Resp: 862203

Ion Ratio Lower Upper

244 100

212 8.9 7.3 10.9

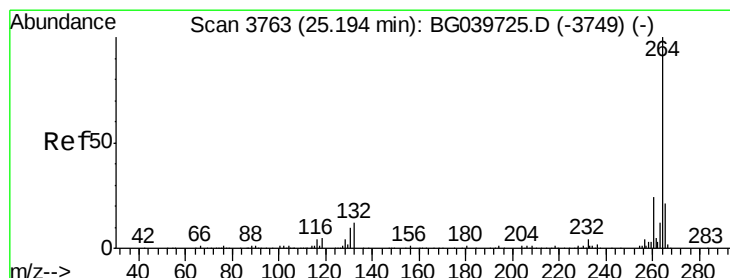
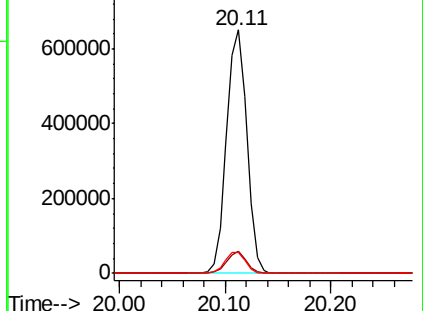
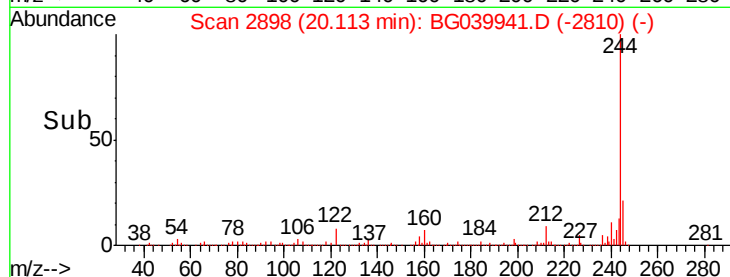
122 8.5 8.4 12.6



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

Perylene-d12

Concen: 20.000 ng

RT: 25.17 min Scan# 3759

Delta R.T. -0.03 min

Lab File: BG039941.D

Acq: 15 Mar 2019 14:52

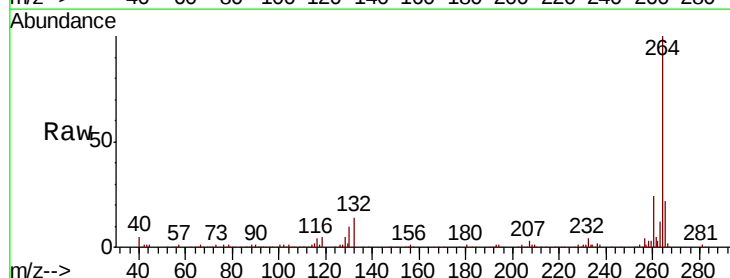
Tgt Ion:264 Resp: 293197

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.4

265 21.7 18.5 27.7



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

