

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061319\
 Data File : BG041242.D
 Acq On : 14 Jun 2019 5:02
 Operator : HP/JU
 Sample : K3333-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-5

Quant Time: Jun 14 06:07:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

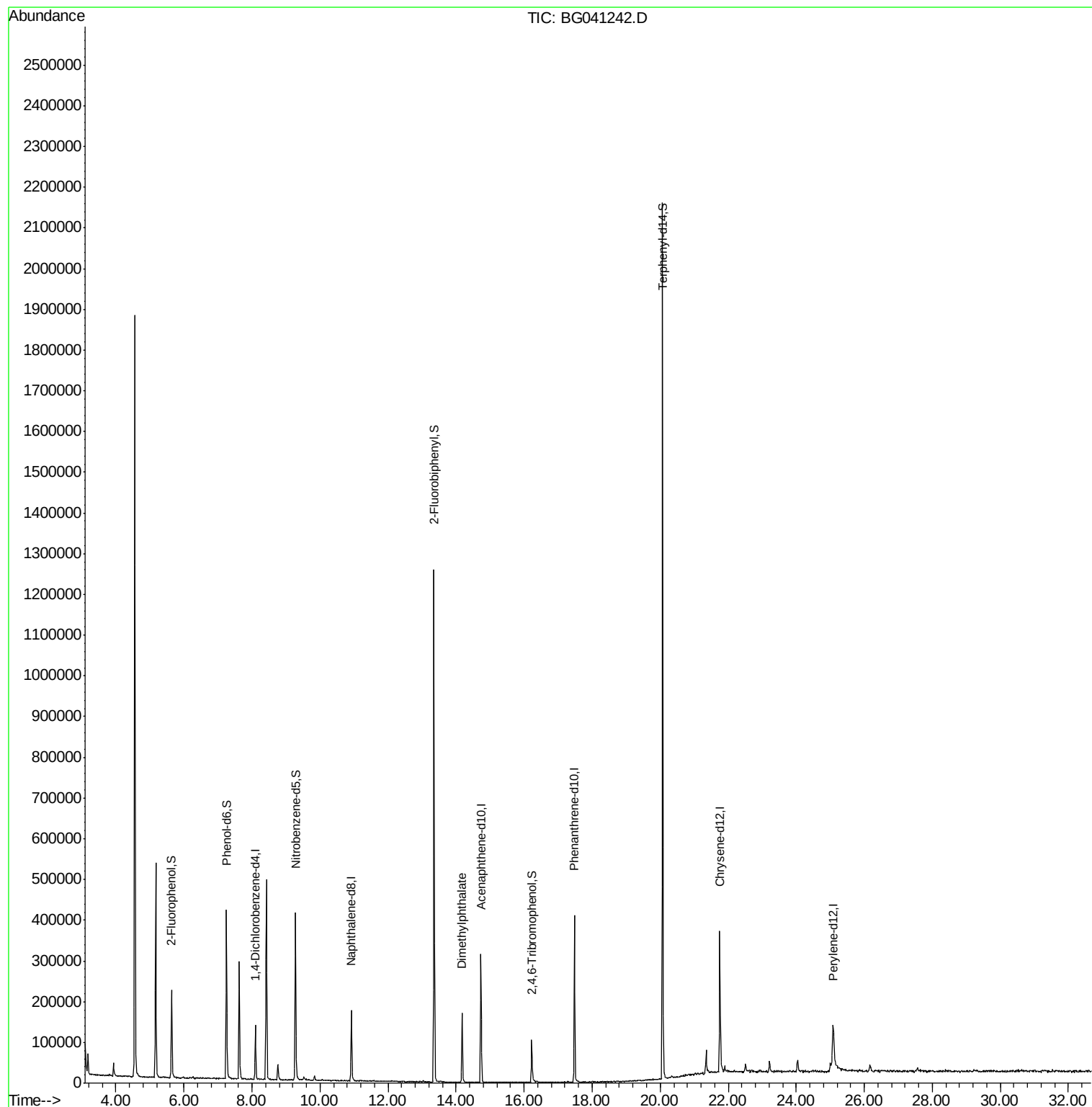
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	35929	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	151096	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	112197	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	272011	20.00	ng	0.00
76) Chrysene-d12	21.75	240	257034	20.00	ng	0.00
87) Perylene-d12	25.08	264	212641	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	84805	42.56	ng	0.00
7) Phenol-d6	7.25	99	225820	73.38	ng	0.00
23) Nitrobenzene-d5	9.28	82	260923	76.66	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	27189	16.32	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	638969	82.01	ng	0.00
79) Terphenyl-d14	20.07	244	1071356	88.46	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	14.18	163	119912	12.626	ng	98

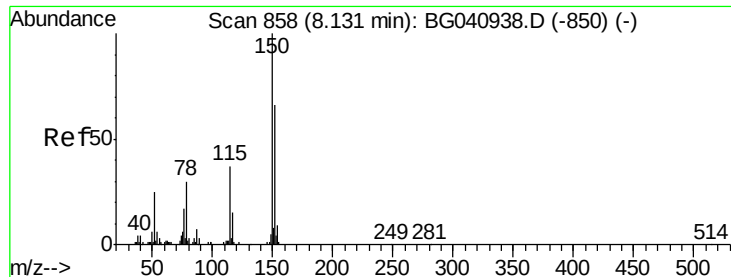
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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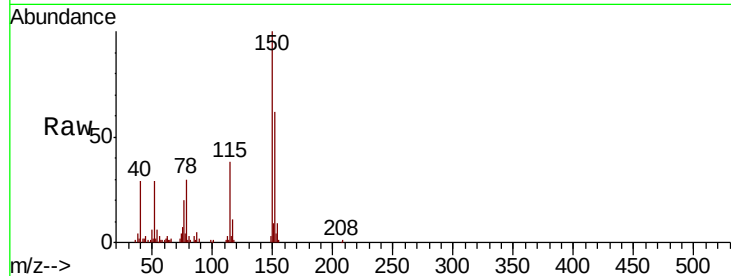


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BG041242.D
Acq: 14 Jun 2019 5:02

Instrument :
BNA_G
ClientSampleId :
CONCRETE-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.7	120.6	180.8
115	61.7	45.1	67.7

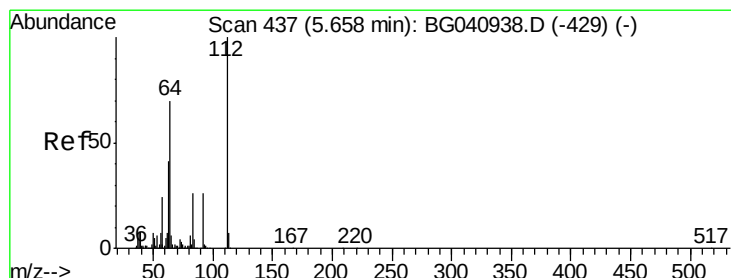
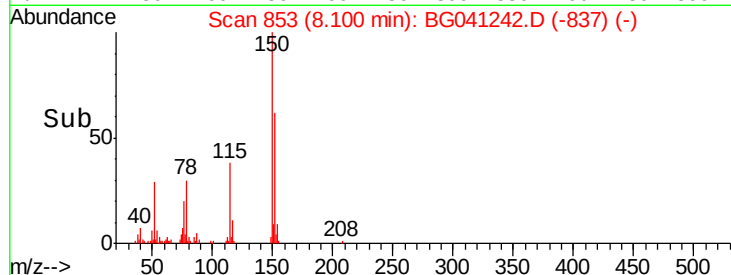
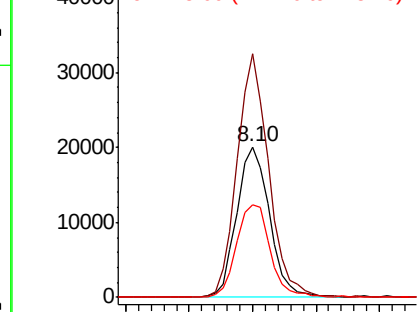


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

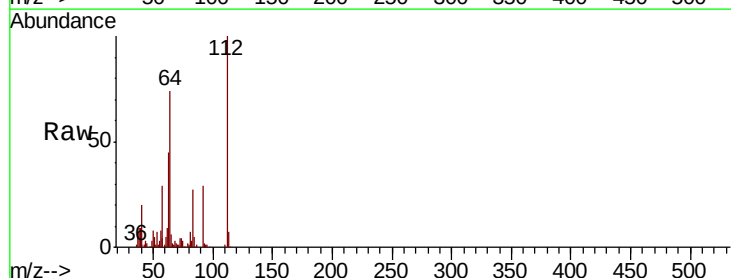
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 42.562 ng
RT: 5.64 min Scan# 434
Delta R.T. 0.00 min
Lab File: BG041242.D
Acq: 14 Jun 2019 5:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.0	56.2	84.2
63	45.4	32.8	49.2

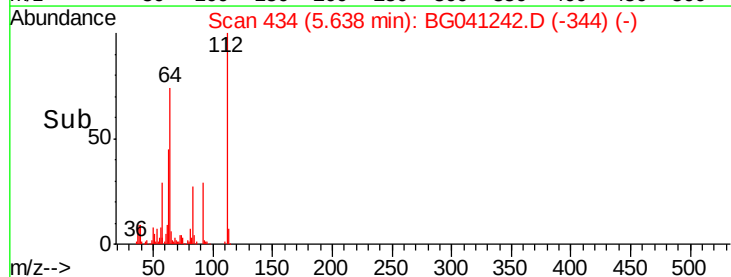
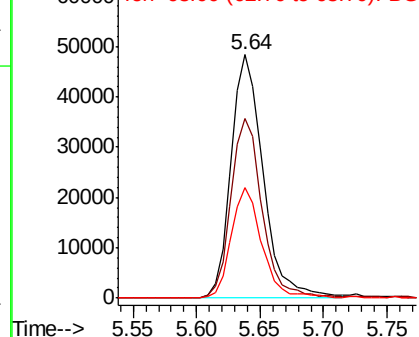


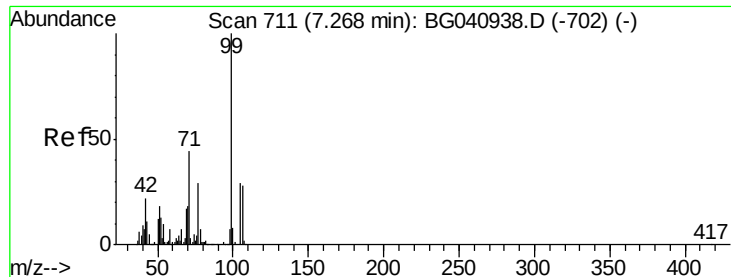
Abundance

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: 73.385 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BG041242.D

Acq: 14 Jun 2019 5:02

Instrument :

BNA_G

ClientSampleId :

CONCRETE-5

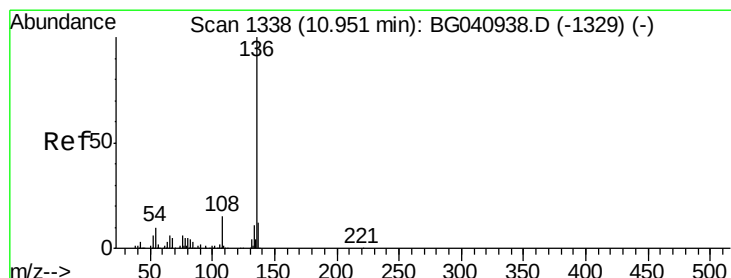
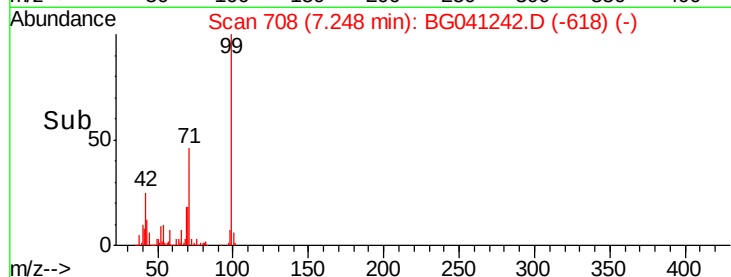
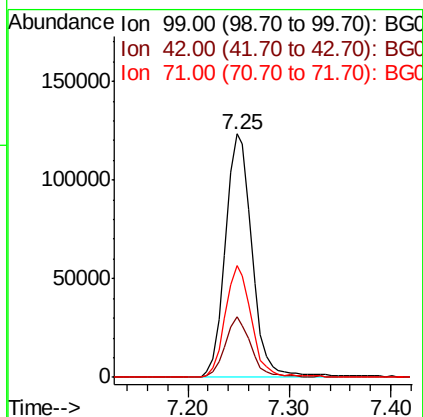
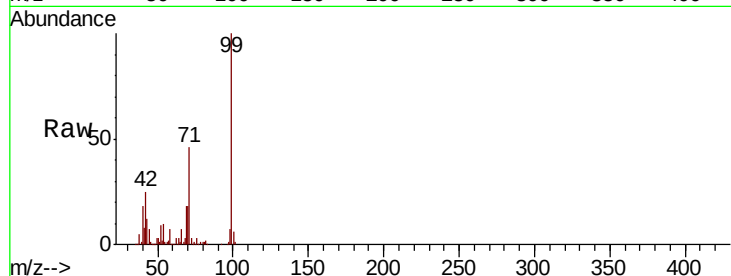
Tot Ion: 99 Resp: 225820

Ion Ratio Lower Upper

99 100

42 24.7 17.9 26.9

71 46.0 35.4 53.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.92 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BG041242.D

Acq: 14 Jun 2019 5:02

Tgt Ion: 136 Resp: 151096

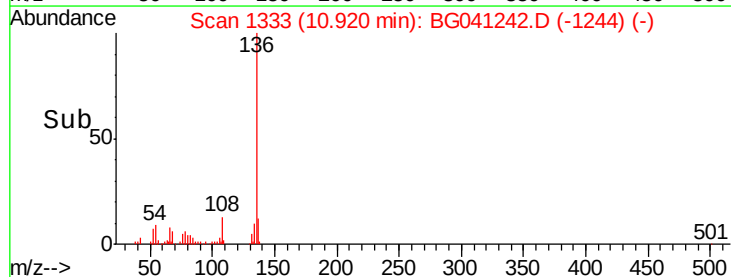
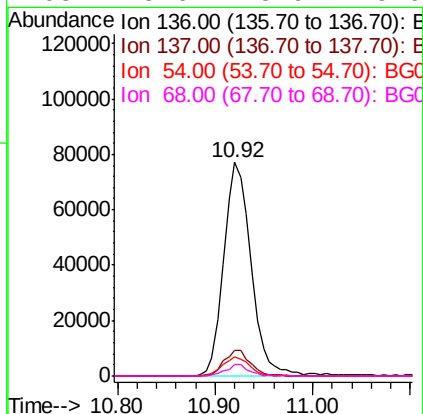
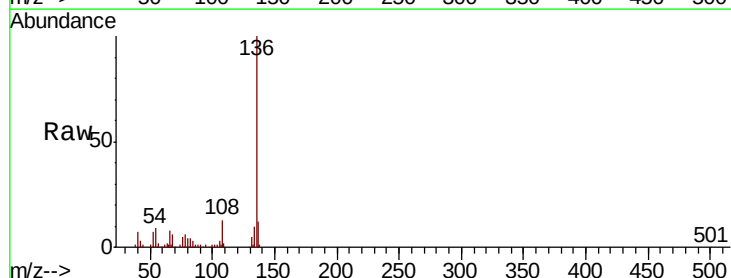
Ion Ratio Lower Upper

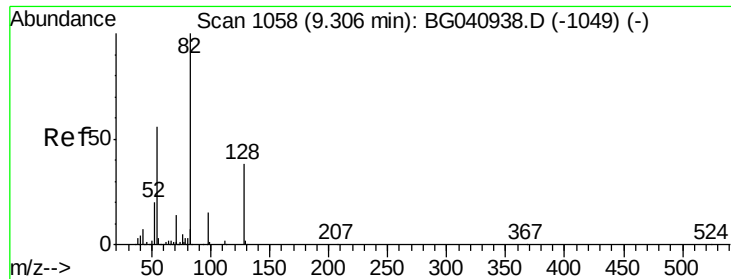
136 100

137 11.8 9.5 14.3

54 9.3 7.6 11.4

68 5.6 3.9 5.9

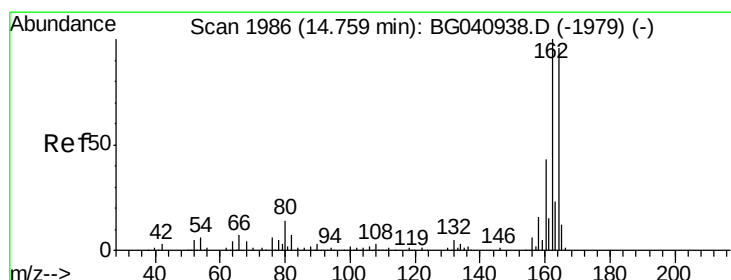
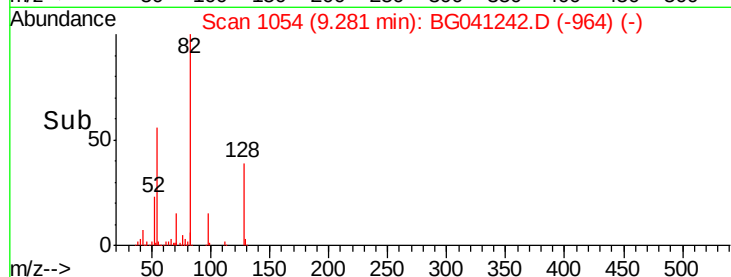
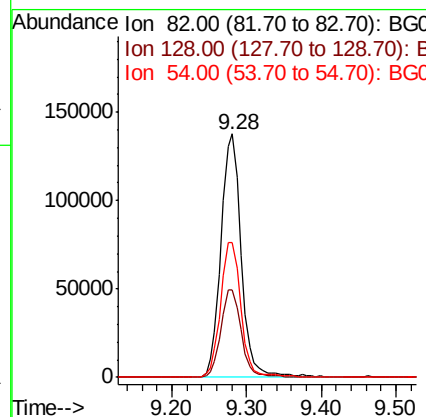
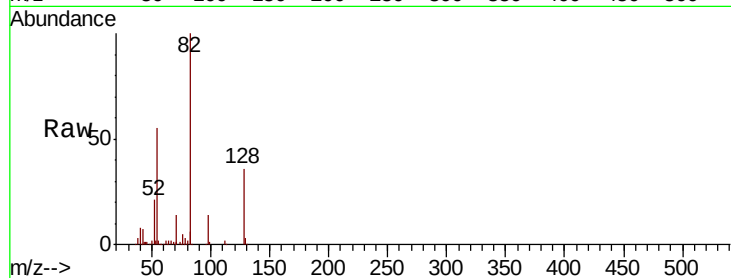




#23
 Nitrobenzene-d5
 Concen: 76.662 ng
 RT: 9.28 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BG041242.D
 Acq: 14 Jun 2019 5:02

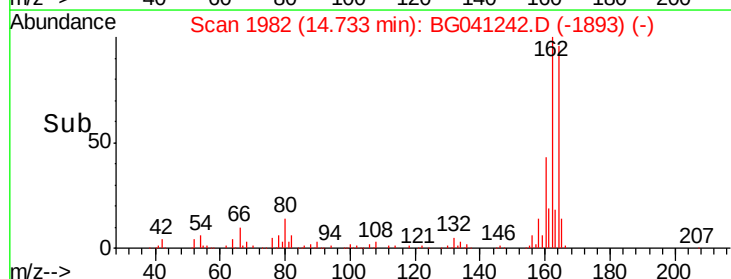
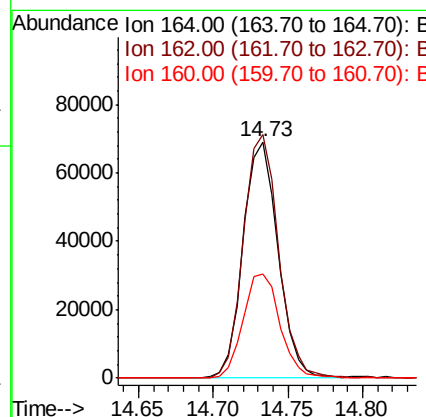
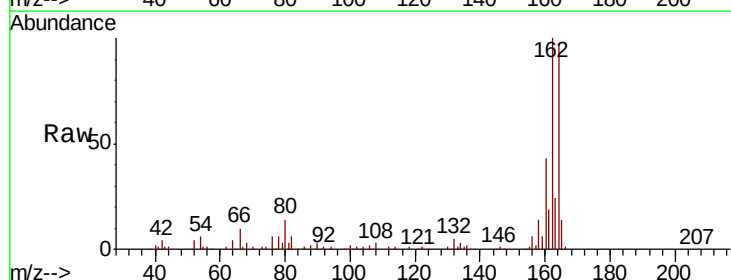
Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-5

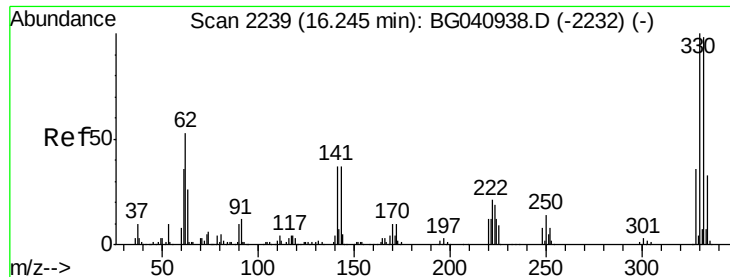
Tot Ion	82	Resp	260923
Ion Ratio	Lower	Upper	
82	100		
128	36.1	30.5	45.7
54	55.3	44.6	66.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1982
 Delta R.T. -0.01 min
 Lab File: BG041242.D
 Acq: 14 Jun 2019 5:02

Tgt Ion	164	Resp	112197
Ion Ratio	Lower	Upper	
164	100		
162	103.1	83.0	124.4
160	44.3	35.6	53.4





#42

2,4,6-Tribromophenol

Concen: 16.323 ng

RT: 16.23 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BG041242.D

Acq: 14 Jun 2019 5:02

Instrument :

BNA_G

ClientSampleId :

CONCRETE-5

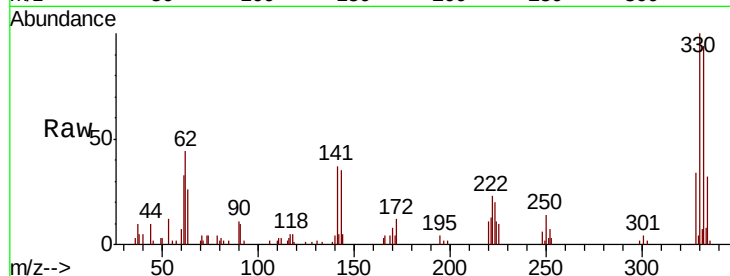
Tot Ion:330 Resp: 27189

Ion Ratio Lower Upper

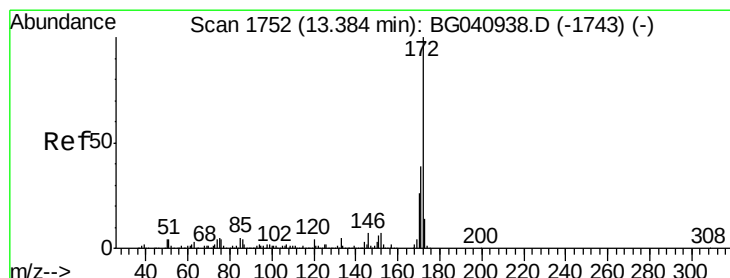
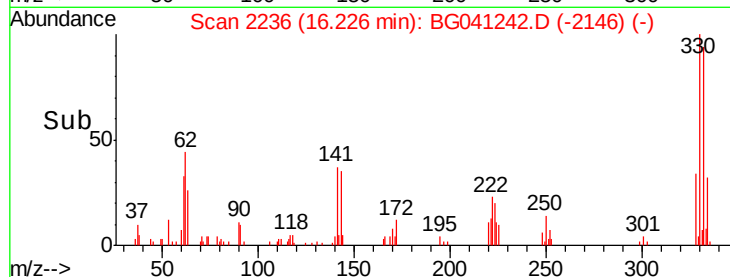
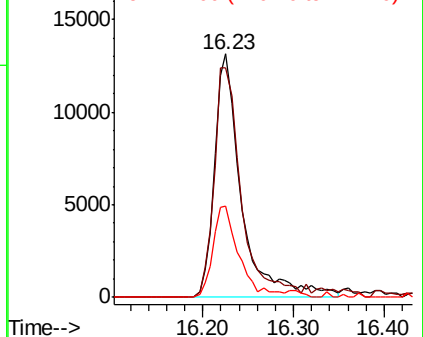
330 100

332 94.6 78.5 117.7

141 35.9 28.7 43.1



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: 82.015 ng

RT: 13.35 min Scan# 1747

Delta R.T. -0.01 min

Lab File: BG041242.D

Acq: 14 Jun 2019 5:02

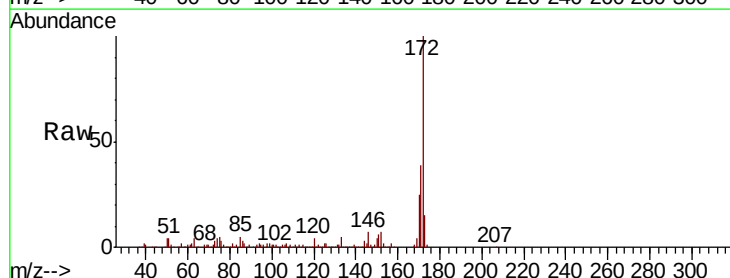
Tgt Ion:172 Resp: 638969

Ion Ratio Lower Upper

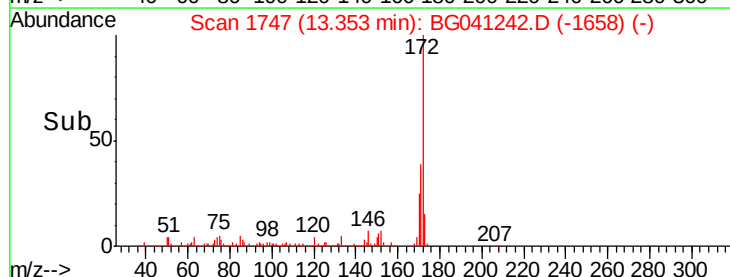
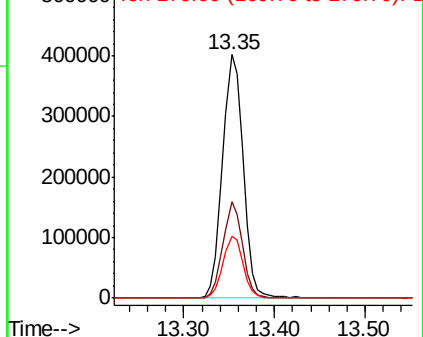
172 100

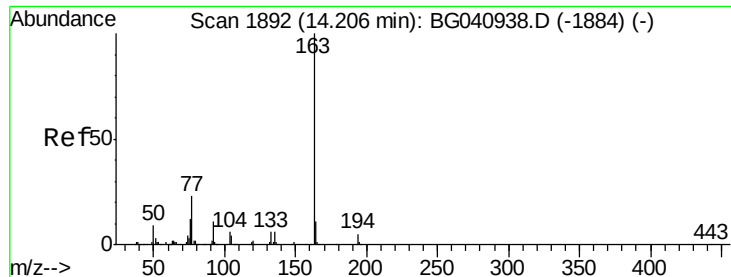
171 39.3 31.1 46.7

170 25.3 20.5 30.7



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: 12.626 ng

RT: 14.18 min Scan# 1887

Delta R.T. -0.01 min

Lab File: BG041242.D

Acq: 14 Jun 2019 5:02

Instrument :

BNA_G

ClientSampleId :

CONCRETE-5

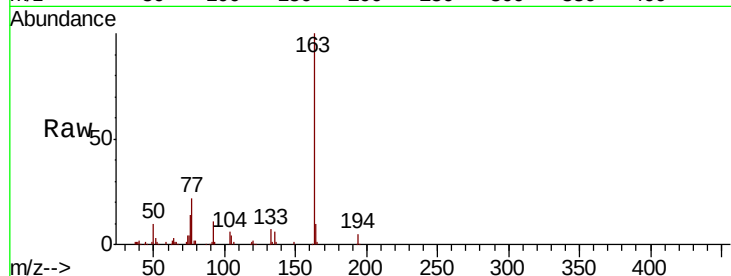
Tot Ion:163 Resp: 119912

Ion Ratio Lower Upper

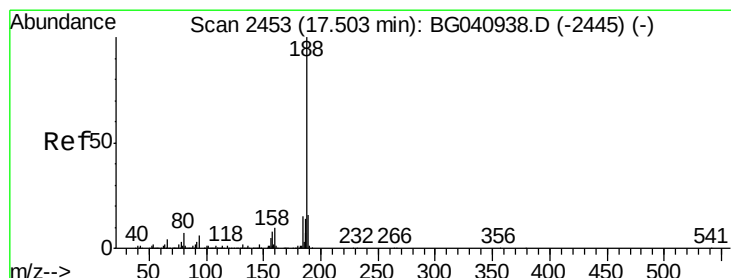
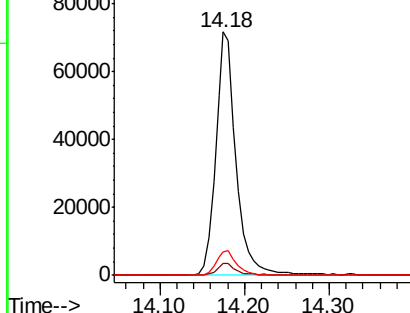
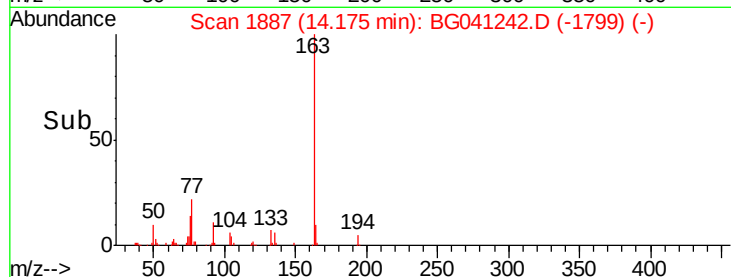
163 100

194 5.0 3.8 5.8

164 9.8 8.7 13.1



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: 17.48 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG041242.D

Acq: 14 Jun 2019 5:02

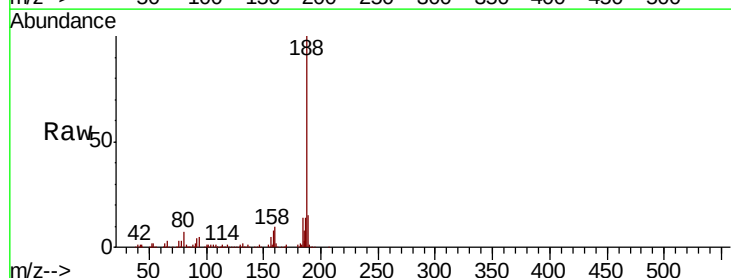
Tgt Ion:188 Resp: 272011

Ion Ratio Lower Upper

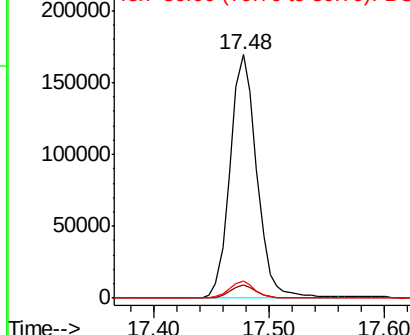
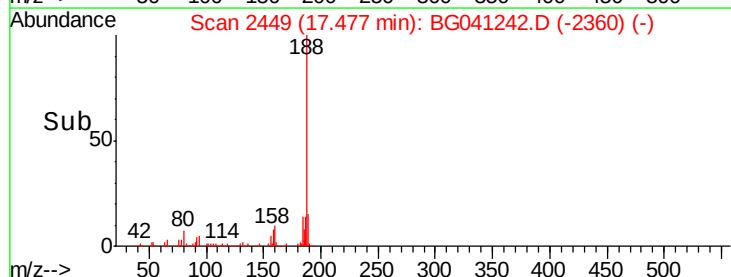
188 100

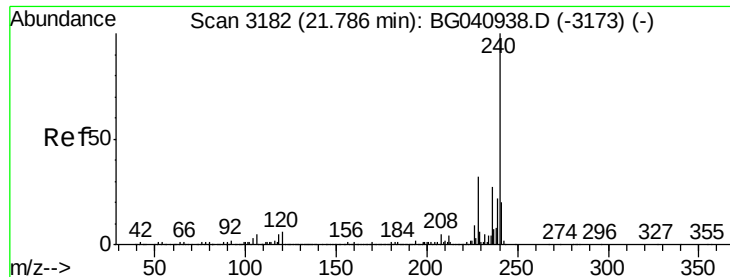
94 5.2 4.7 7.1

80 6.8 5.8 8.8



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

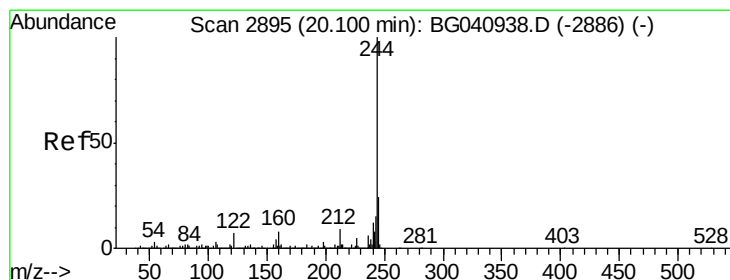
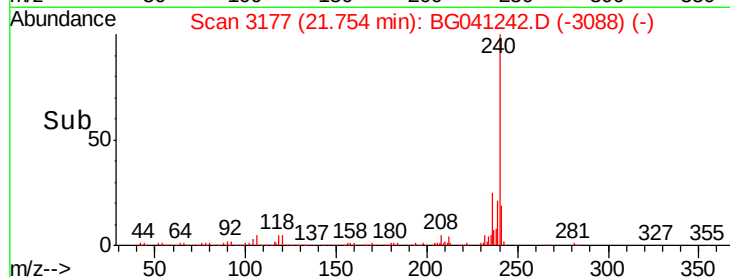
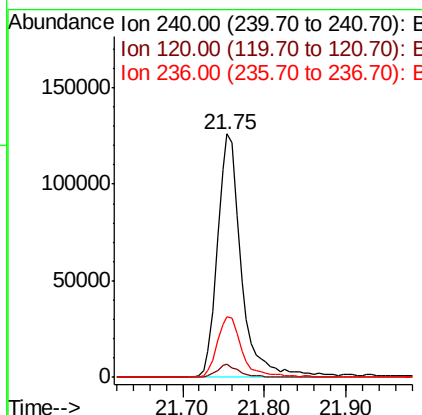
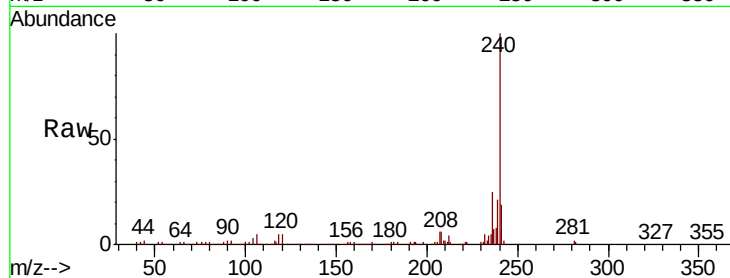




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3177
Delta R.T. -0.01 min
Lab File: BG041242.D
Acq: 14 Jun 2019 5:02

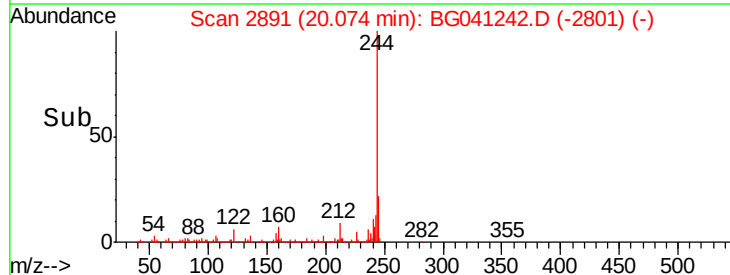
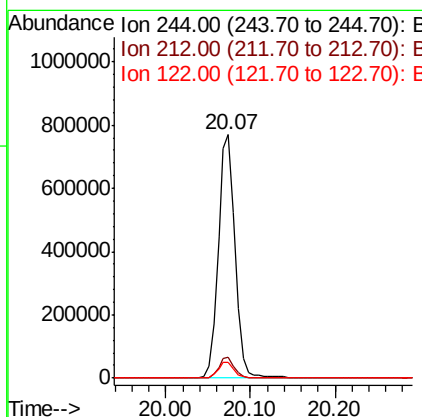
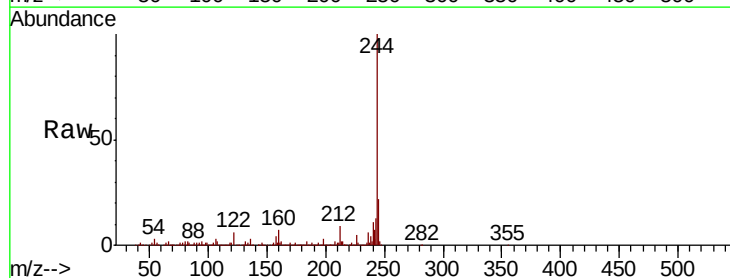
Instrument :
BNA_G
ClientSampleId :
CONCRETE-5

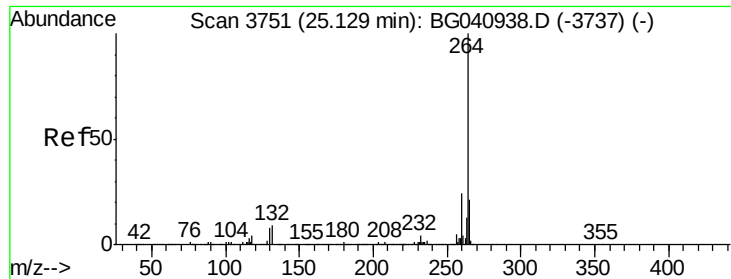
Tot Ion:240 Resp: 257034
Ion Ratio Lower Upper
240 100
120 5.2 4.5 6.7
236 25.0 21.3 31.9



#79
Terphenyl-d14
Concen: 88.462 ng
RT: 20.07 min Scan# 2891
Delta R.T. 0.00 min
Lab File: BG041242.D
Acq: 14 Jun 2019 5:02

Tgt Ion:244 Resp: 1071356
Ion Ratio Lower Upper
244 100
212 8.7 7.0 10.4
122 6.3 5.4 8.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3743

Delta R.T. -0.01 min

Lab File: BG041242.D

Acq: 14 Jun 2019 5:02

Instrument :

BNA_G

ClientSampleId :

CONCRETE-5

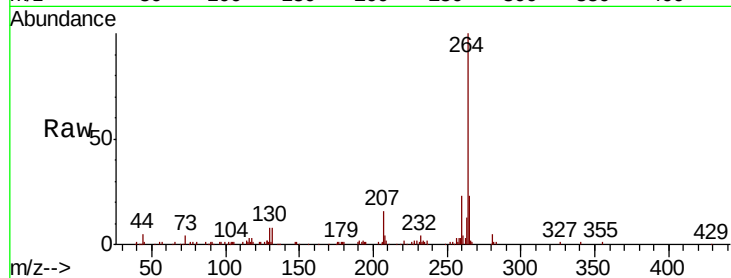
Tot Ion:264 Resp: 212641

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.4

265 23.3 17.0 25.4



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

