

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042420\
 Data File : BG045171.D
 Acq On : 24 Apr 2020 21:43
 Operator : CG/JU
 Sample : L2401-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-DEMO-2

Quant Time: Apr 25 00:54:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 13:58:55 2020
 Response via : Initial Calibration

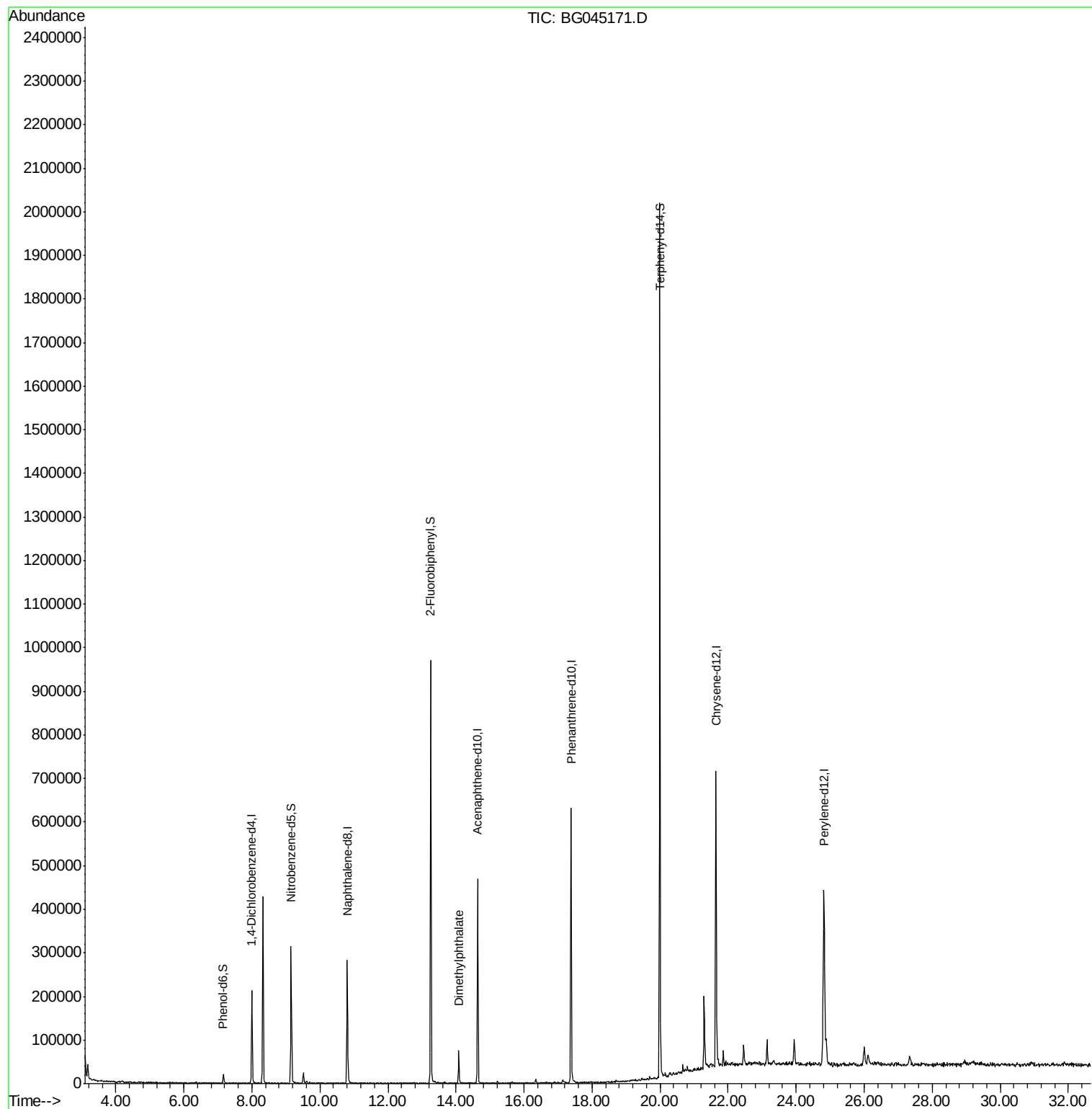
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	65173	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	261381	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	178797	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	432534	20.00	ng	0.00
76) Chrysene-d12	21.64	240	458939	20.00	ng	-0.02
87) Perylene-d12	24.81	264	486039	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	863	0.22	ng	0.00
7) Phenol-d6	7.16	99	14022	2.39	ng	0.00
23) Nitrobenzene-d5	9.15	82	226630	39.56	ng	-0.02
42) 2,4,6-Tribromophenol	16.13	330	177	0.06	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	539696	44.26	ng	0.00
79) Terphenyl-d14	19.99	244	1016438	48.27	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.09	163	55717	3.827	ng	Qvalue 97

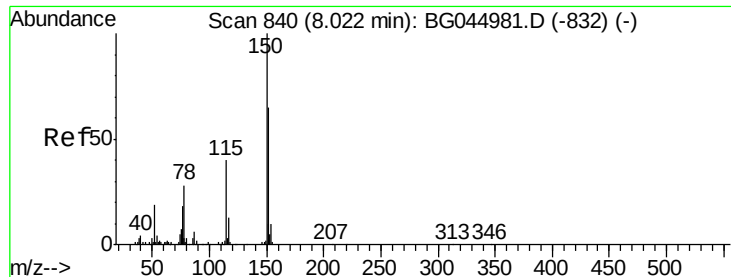
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.00 min Scan# 836

Delta R.T. -0.00 min

Lab File: BG045171.D

Acq: 24 Apr 2020 21:43

Instrument :

BNA_G

ClientSampleId :

CONCRETE-DEMO-2

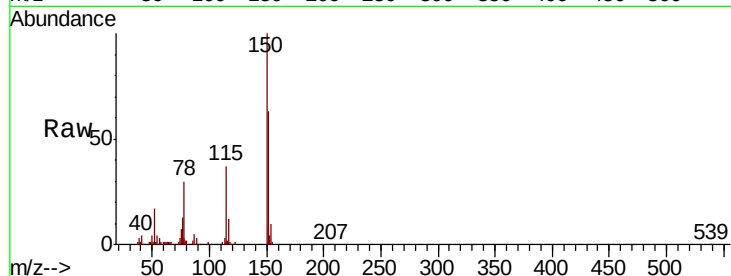
Tot Ion:152 Resp: 65173

Ion Ratio Lower Upper

152 100

150 158.1 123.6 185.4

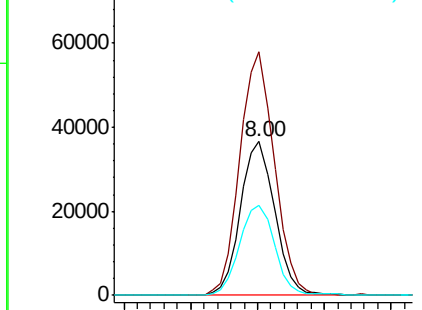
115 58.3 49.1 73.7



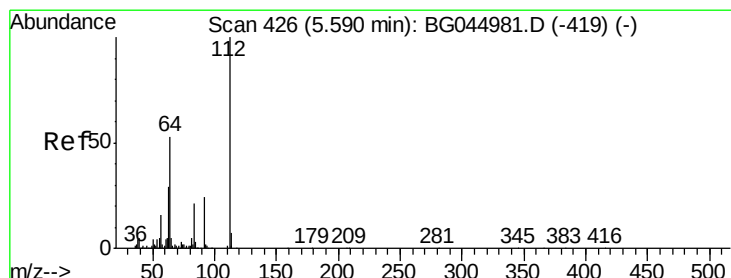
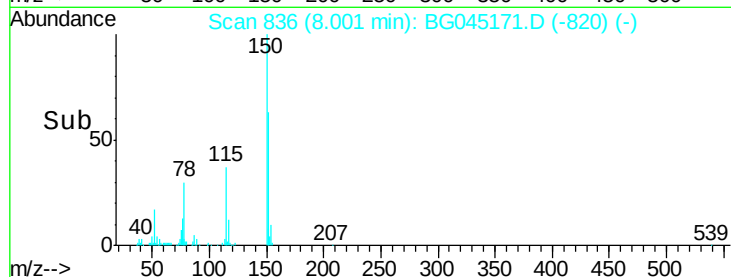
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time--> 7.90 7.95 8.00 8.05 8.10



#5

2-Fluorophenol

Concen: 0.219 ng

RT: 5.58 min Scan# 423

Delta R.T. -0.00 min

Lab File: BG045171.D

Acq: 24 Apr 2020 21:43

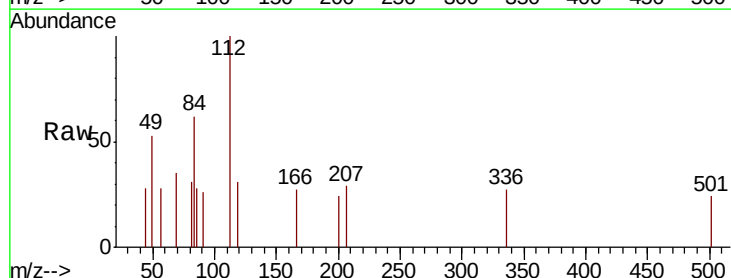
Tgt Ion:112 Resp: 863

Ion Ratio Lower Upper

112 100

64 0.0 42.4 63.6#

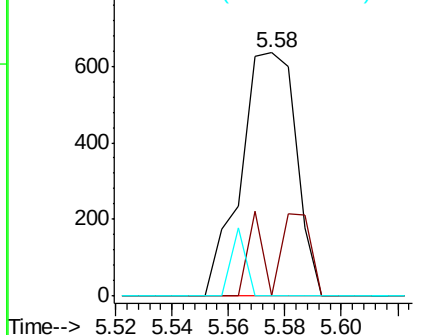
63 0.0 23.1 34.7#



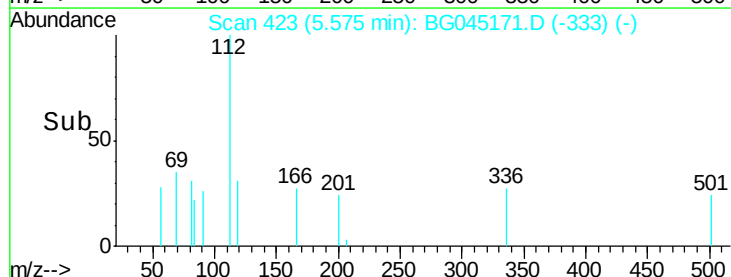
Abundance Ion 112.00 (111.70 to 112.70): E

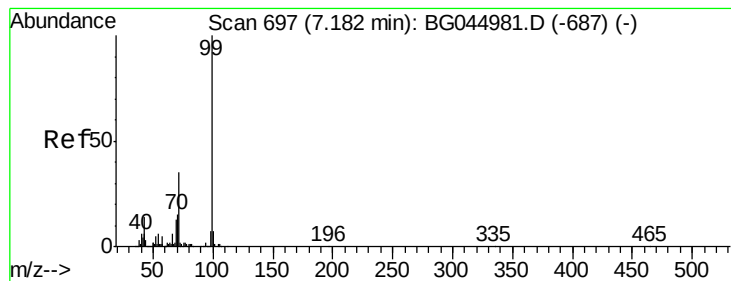
Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



Time--> 5.52 5.54 5.56 5.58 5.60





#7

Phenol-d6

Concen: 2.391 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG045171.D

Acq: 24 Apr 2020 21:43

Instrument :

BNA_G

ClientSampleId :

CONCRETE-DEMO-2

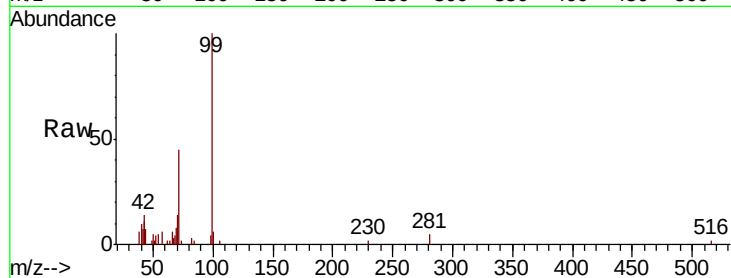
Tot Ion: 99 Resp: 14022

Ion Ratio Lower Upper

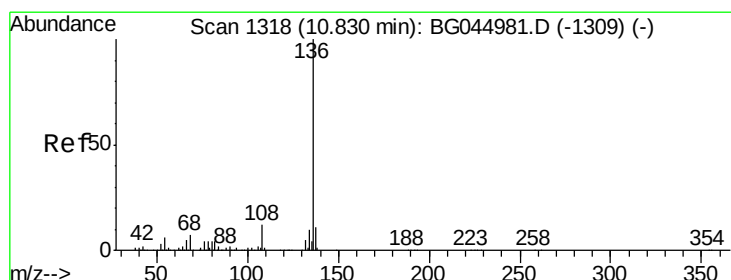
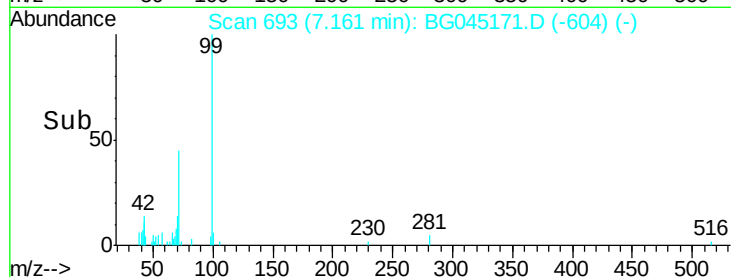
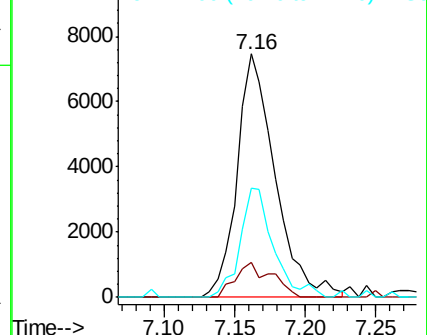
99 100

42 14.3 11.3 16.9

71 45.0 28.3 42.5#



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: 10.80 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BG045171.D

Acq: 24 Apr 2020 21:43

Tgt Ion: 136 Resp: 261381

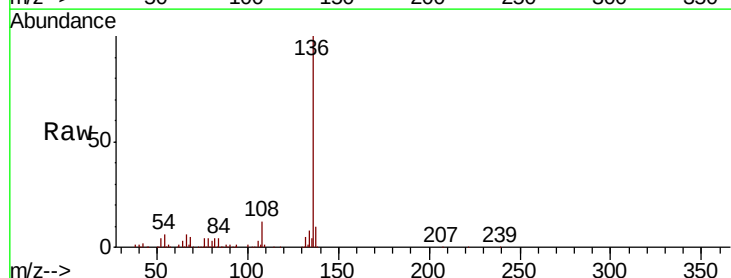
Ion Ratio Lower Upper

136 100

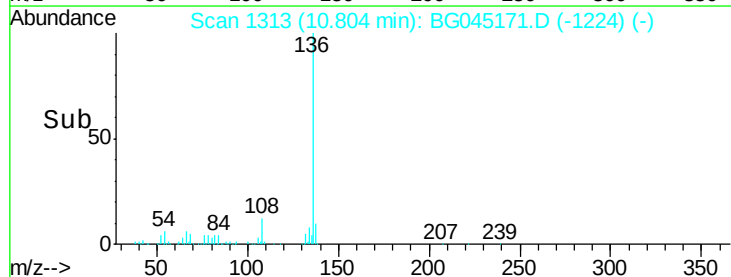
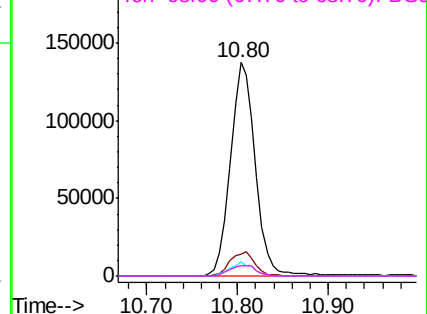
137 10.4 8.6 13.0

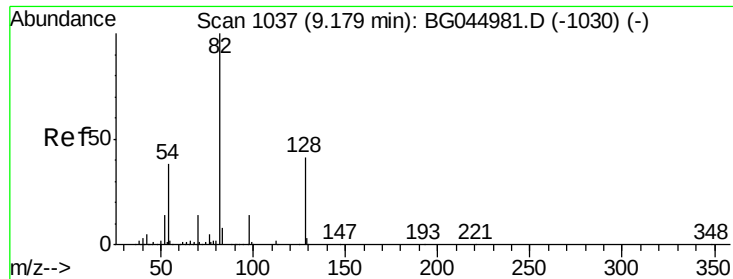
54 6.4 4.8 7.2

68 4.8 5.2 7.8#



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

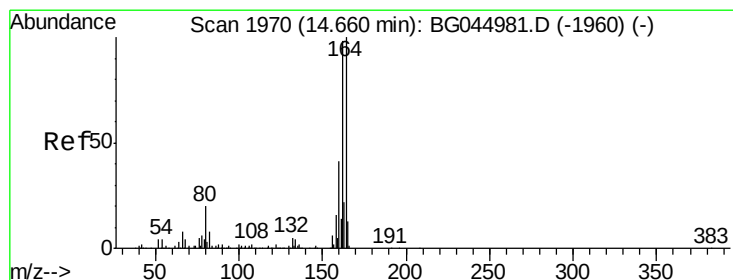
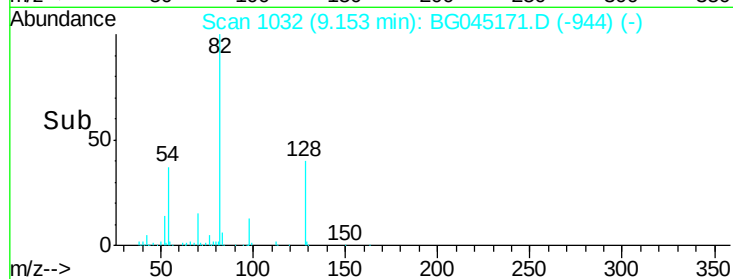
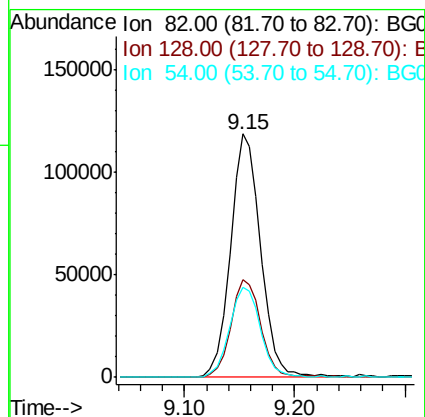
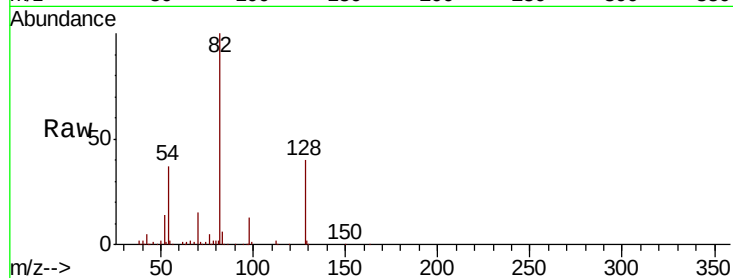




#23
Nitrobenzene-d5
Concen: 39.562 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BG045171.D
Acq: 24 Apr 2020 21:43

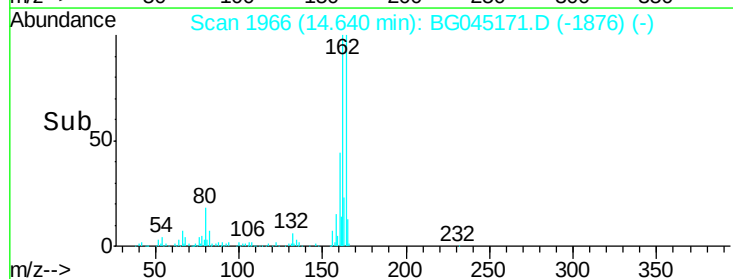
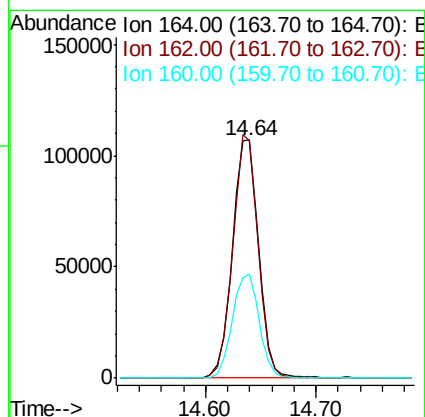
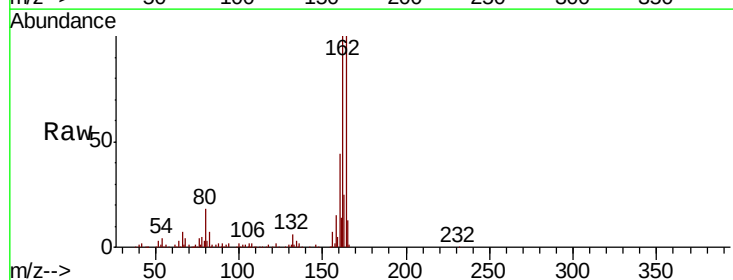
Instrument :
BNA_G
ClientSampleId :
CONCRETE-DEMO-2

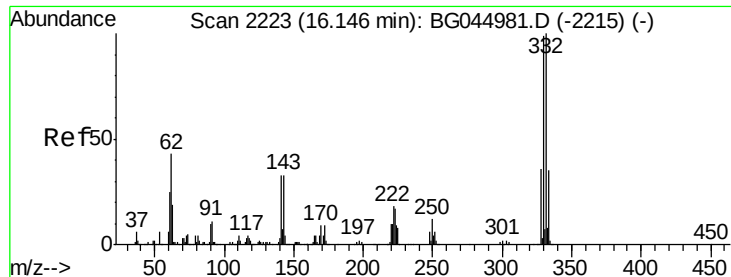
Tot Ion	82	Resp	226630
Ion Ratio	Lower	Upper	
82	100		
128	40.0	33.0	49.4
54	37.2	30.4	45.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BG045171.D
Acq: 24 Apr 2020 21:43

Tgt Ion	164	Resp	178797
Ion Ratio	Lower	Upper	
164	100		
162	99.7	78.7	118.1
160	43.7	32.8	49.2

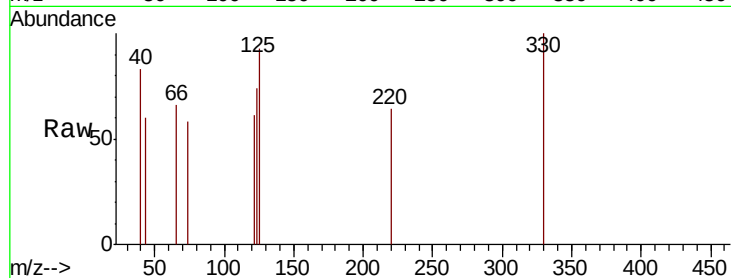




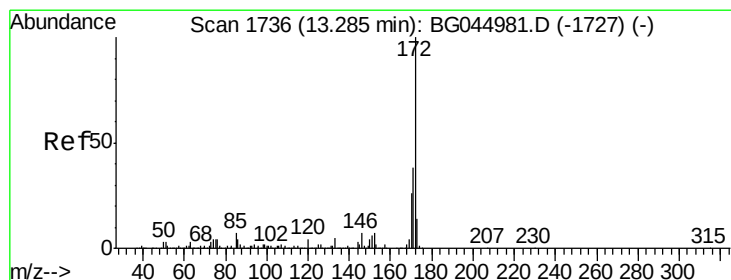
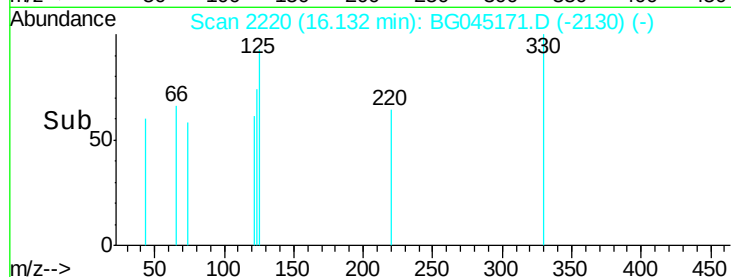
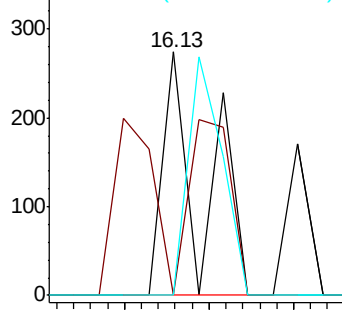
#42
2,4,6-Tribromophenol
Concen: 0.064 ng
RT: 16.13 min Scan# 2220
Delta R.T. -0.00 min
Lab File: BG045171.D
Acq: 24 Apr 2020 21:43

Instrument :
BNA_G
ClientSampleId :
CONCRETE-DEMO-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	76.8	79.1	118.7#
141	84.7	27.1	40.7#

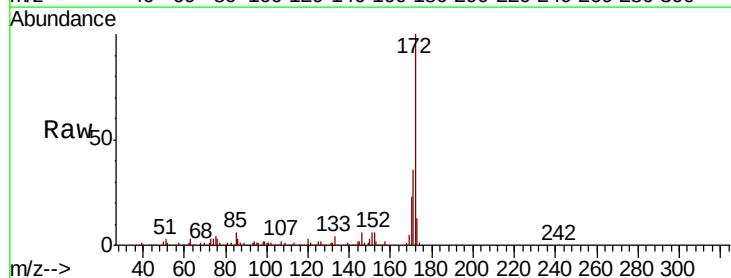


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

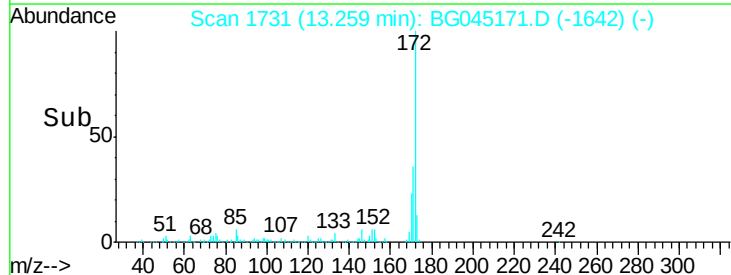
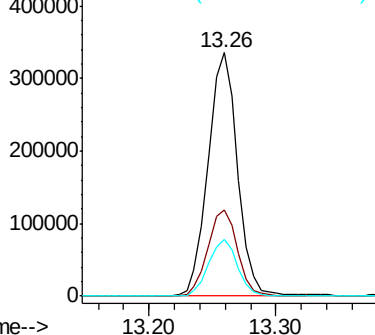


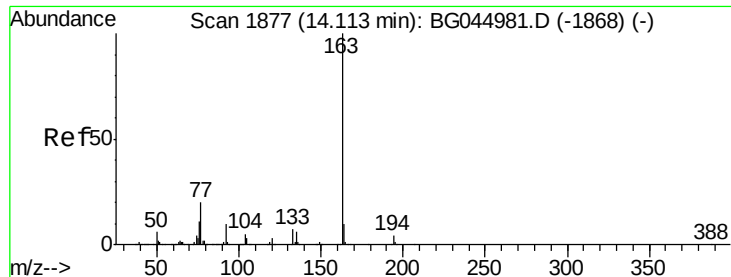
#45
2-Fluorobiphenyl
Concen: 44.261 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG045171.D
Acq: 24 Apr 2020 21:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	30.6	46.0
170	23.3	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: 3.827 ng

RT: 14.09 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BG045171.D

Acq: 24 Apr 2020 21:43

Instrument :

BNA_G

ClientSampleId :

CONCRETE-DEMO-2

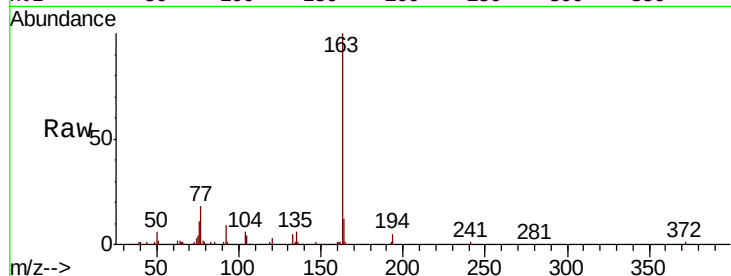
Tot Ion:163 Resp: 55717

Ion Ratio Lower Upper

163 100

194 4.7 3.5 5.3

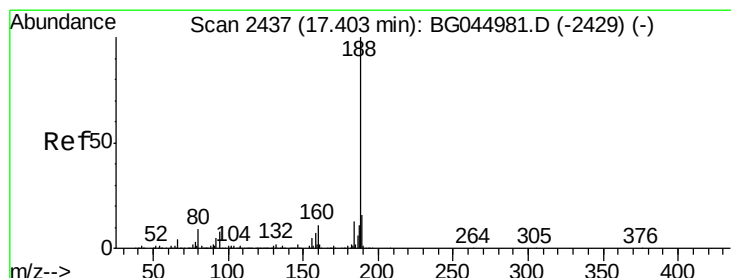
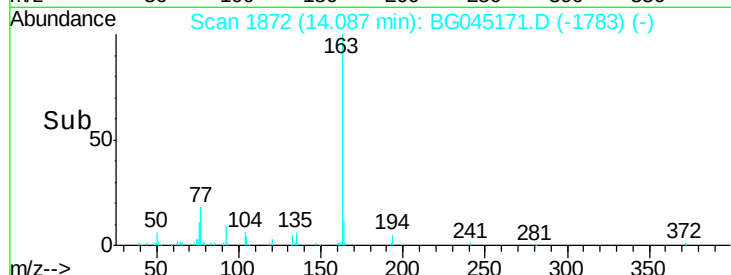
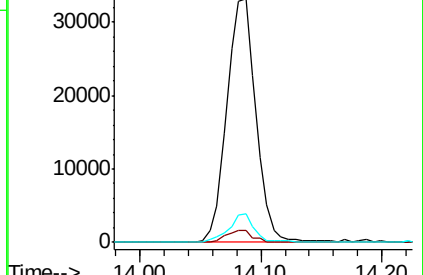
164 11.9 8.2 12.4



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: 17.38 min Scan# 2433

Delta R.T. -0.01 min

Lab File: BG045171.D

Acq: 24 Apr 2020 21:43

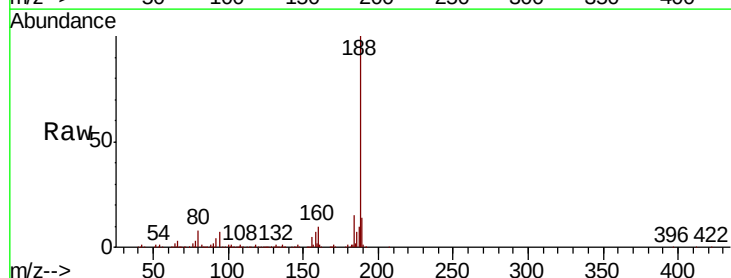
Tgt Ion:188 Resp: 432534

Ion Ratio Lower Upper

188 100

94 7.3 6.2 9.4

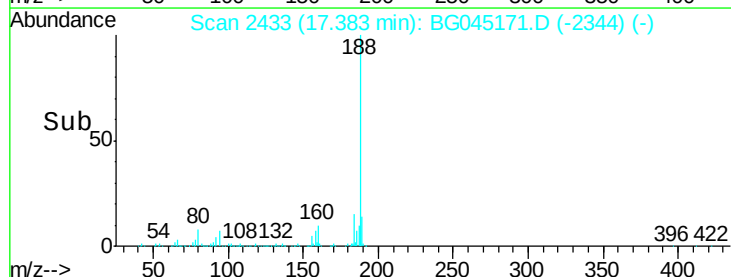
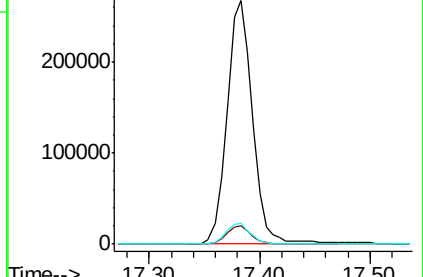
80 8.4 7.0 10.6

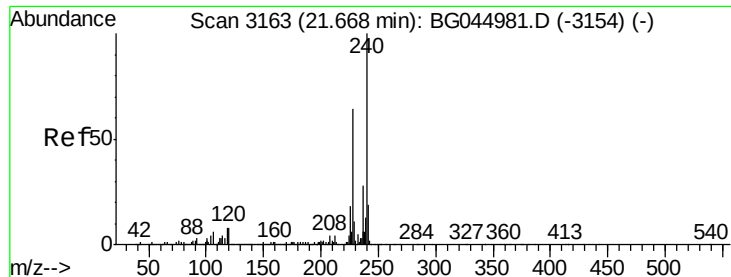


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

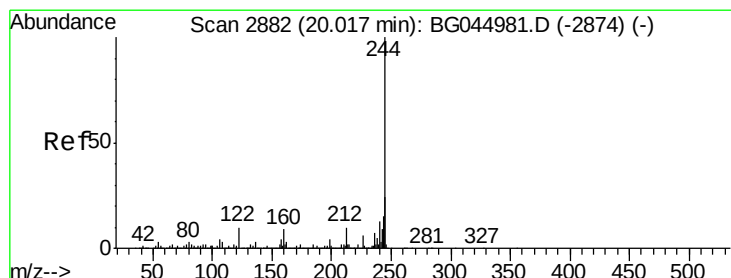
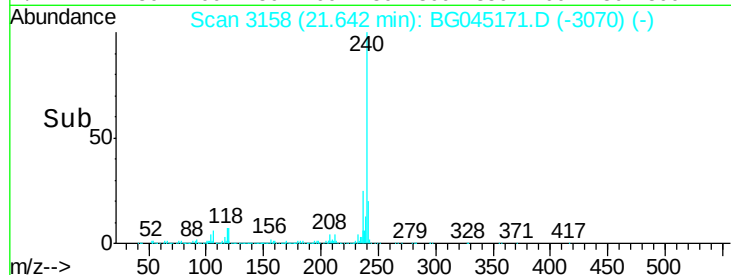
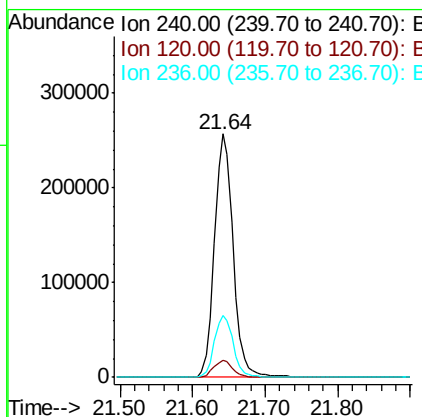
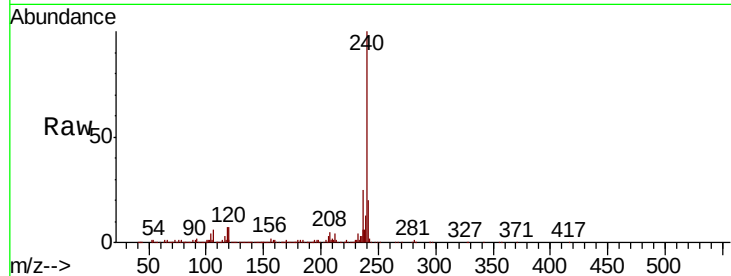




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.02 min
Lab File: BG045171.D
Acq: 24 Apr 2020 21:43

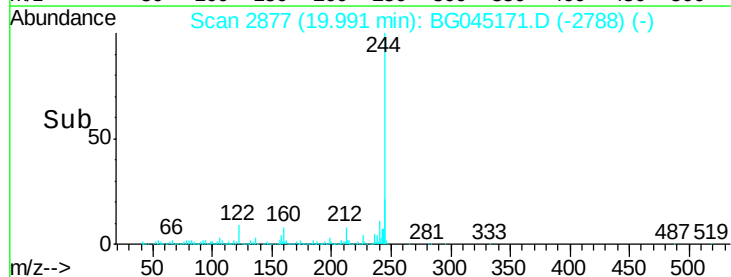
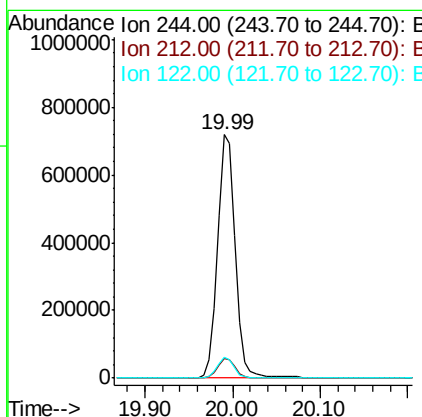
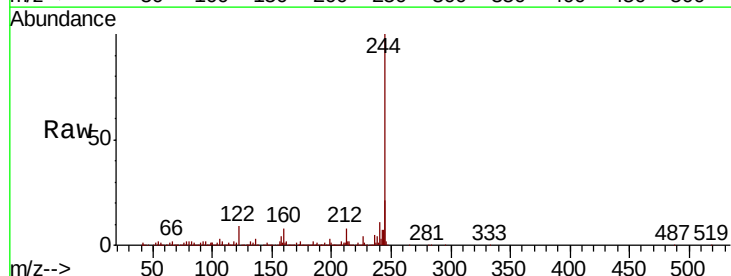
Instrument :
BNA_G
ClientSampleId :
CONCRETE-DEMO-2

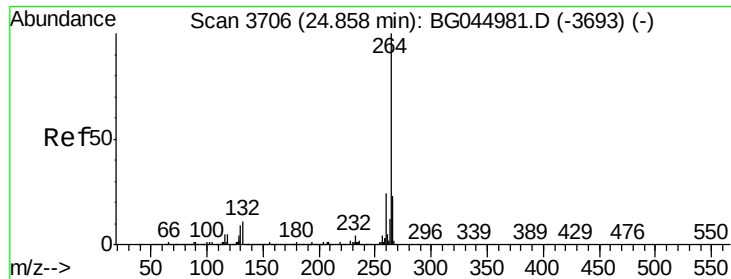
Tot Ion:240 Resp: 458939
Ion Ratio Lower Upper
240 100
120 6.9 6.6 10.0
236 25.2 22.2 33.2



#79
Terphenyl-d14
Concen: 48.272 ng
RT: 19.99 min Scan# 2877
Delta R.T. -0.01 min
Lab File: BG045171.D
Acq: 24 Apr 2020 21:43

Tgt Ion:244 Resp: 1016438
Ion Ratio Lower Upper
244 100
212 8.2 7.9 11.9
122 8.8 7.7 11.5





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.81 min Scan# 3698
Delta R.T. -0.02 min
Lab File: BG045171.D
Acq: 24 Apr 2020 21:43

Instrument :
BNA_G
ClientSampleId :
CONCRETE-DEMO-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.0	19.0	28.4

