

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041619\
 Data File : BG040507.D
 Acq On : 16 Apr 2019 17:29
 Operator : JU/SJ
 Sample : K2389-01RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETERE

Quant Time: Apr 16 18:55:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 13 00:33:11 2019
 Response via : Initial Calibration

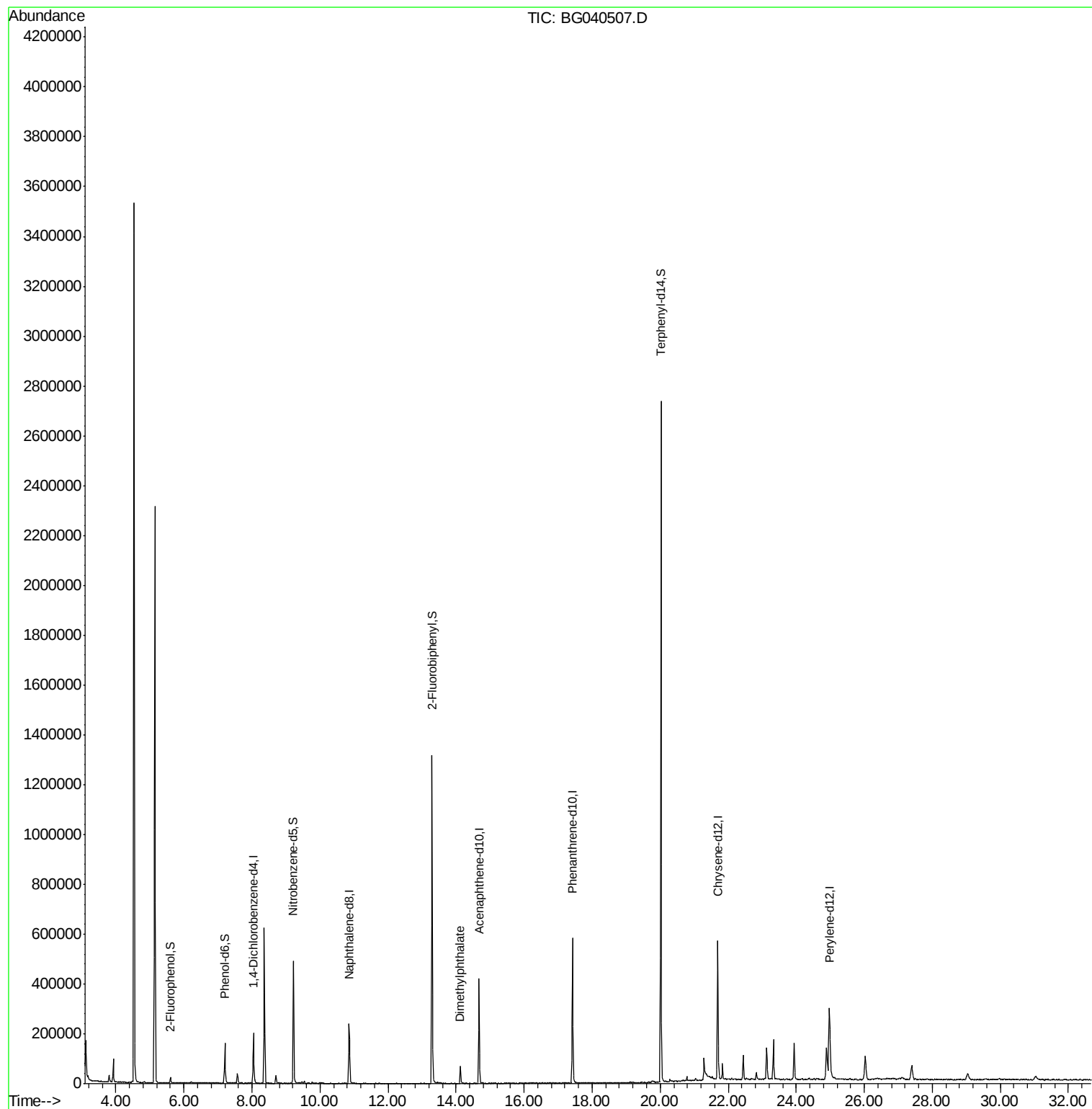
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	56497	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	222617	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	146678	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	398881	20.00	ng	0.00
76) Chrysene-d12	21.70	240	355949	20.00	ng	0.00
87) Perylene-d12	24.97	264	367138	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	10910	3.21	ng	0.00
7) Phenol-d6	7.20	99	105556	22.47	ng	0.00
23) Nitrobenzene-d5	9.22	82	306613	73.21	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	1151	0.73	ng	0.03
45) 2-Fluorobiphenyl	13.29	172	724059	73.15	ng	0.00
79) Terphenyl-d14	20.02	244	1270540	80.30	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.13	163	60747	5.292	ng	Qvalue 99

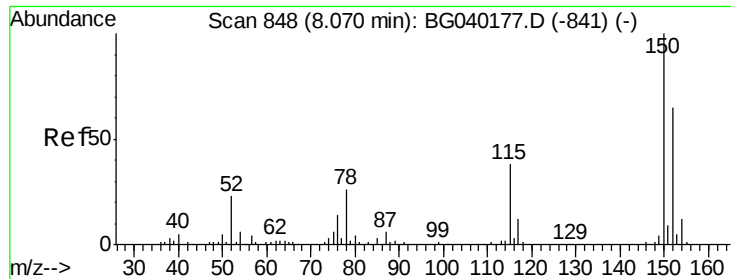
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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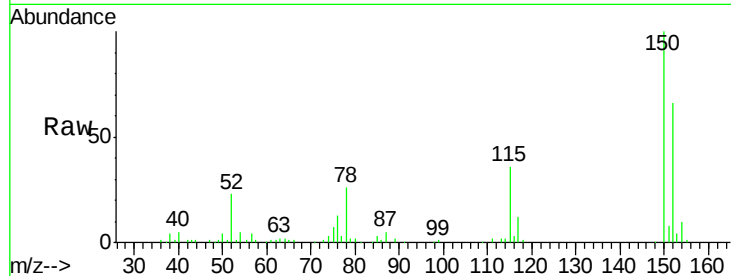


#1

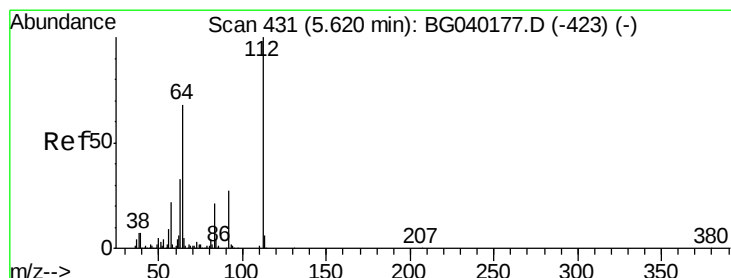
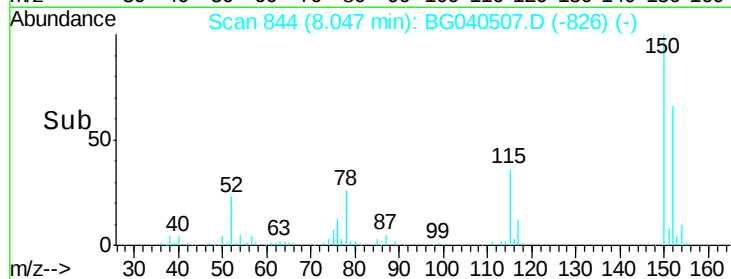
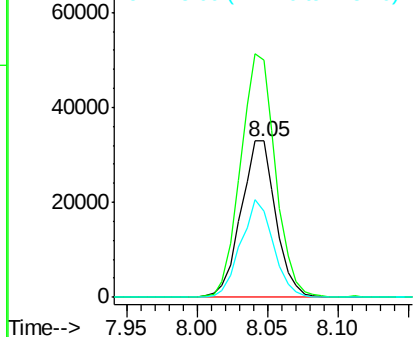
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. 0.00 min
Lab File: BG040507.D
Acq: 16 Apr 2019 17:29

Instrument :
BNA_G
ClientSampleId :
CONCRETERE

Tgt Ion:152 Resp: 56497
Ion Ratio Lower Upper
152 100
150 151.6 123.7 185.5
115 54.7 46.9 70.3



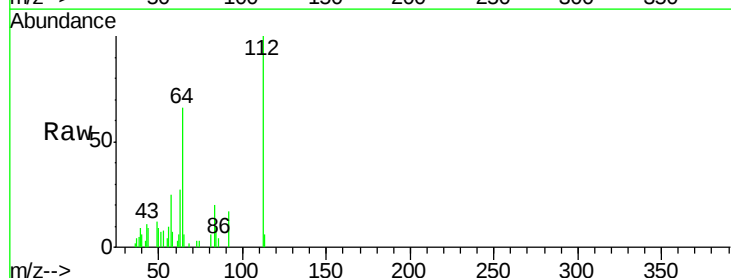
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



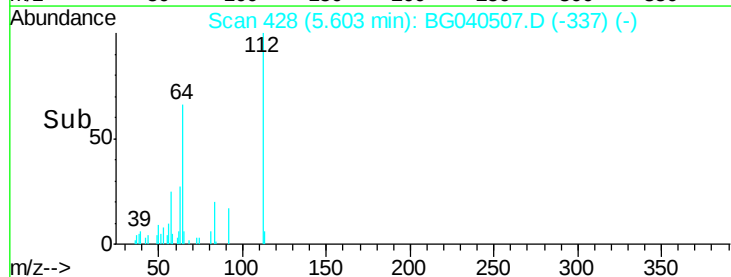
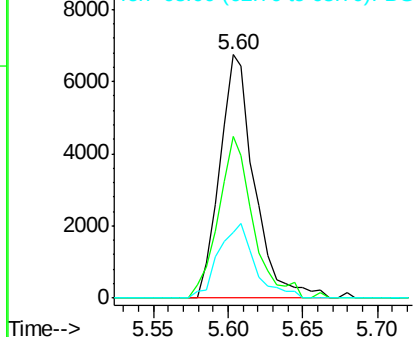
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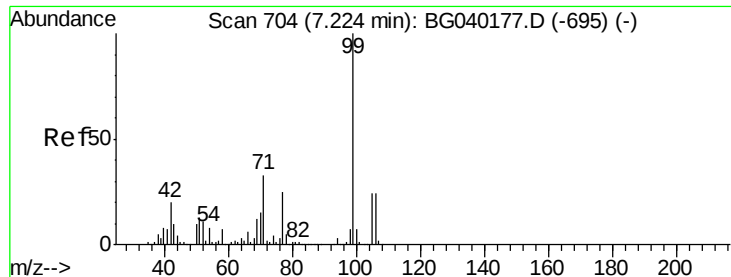
2-Fluorophenol
Concen: 3.210 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG040507.D
Acq: 16 Apr 2019 17:29

Tgt Ion:112 Resp: 10910
Ion Ratio Lower Upper
112 100
64 66.2 54.2 81.2
63 27.1 26.4 39.6



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: 22.474 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG040507.D

Acq: 16 Apr 2019 17:29

Instrument :

BNA_G

ClientSampleId :

CONCRETE

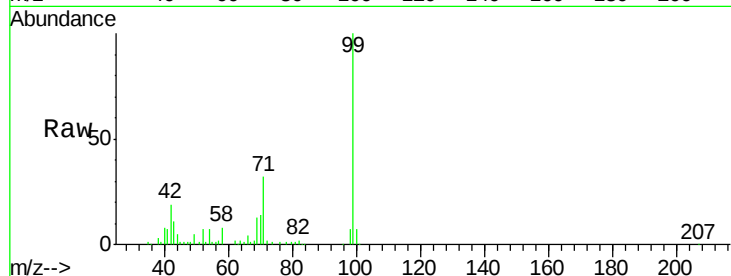
Tgt Ion: 99 Resp: 105556

Ion Ratio Lower Upper

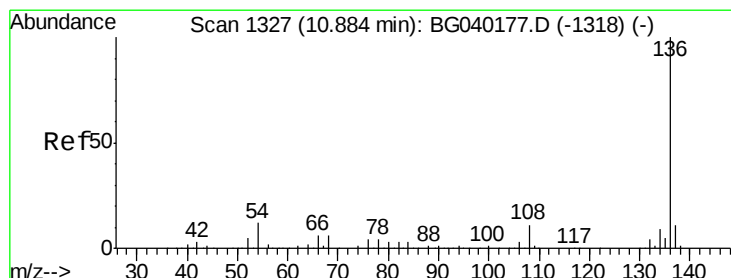
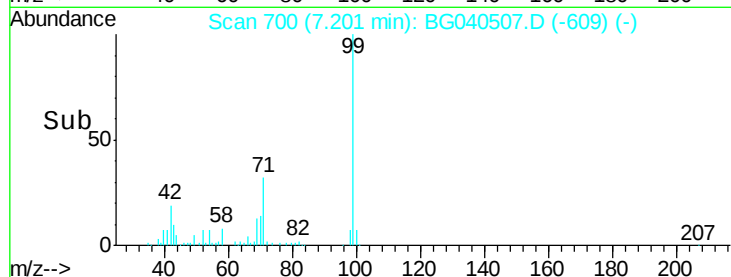
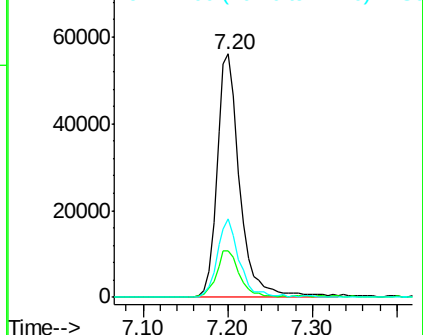
99 100

42 19.0 16.2 24.2

71 32.2 26.8 40.2



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: 10.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BG040507.D

Acq: 16 Apr 2019 17:29

Tgt Ion: 136 Resp: 222617

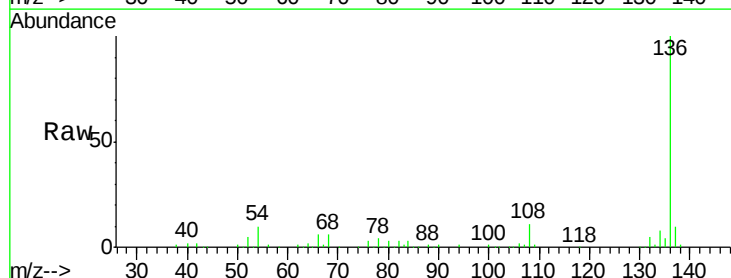
Ion Ratio Lower Upper

136 100

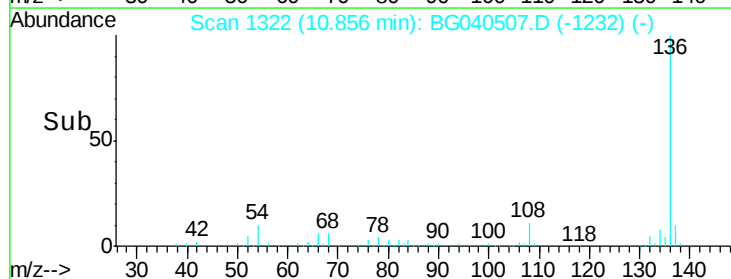
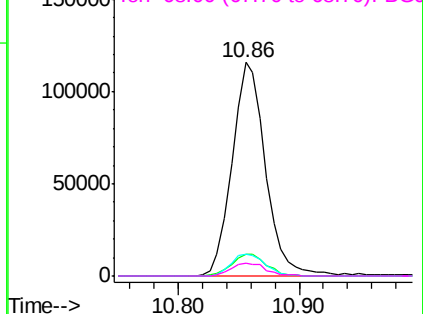
137 10.3 8.9 13.3

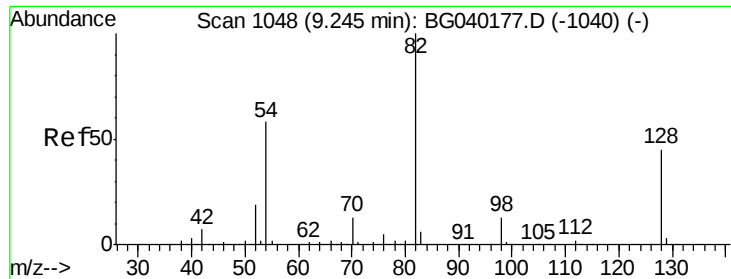
54 10.2 9.6 14.4

68 6.2 5.1 7.7



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

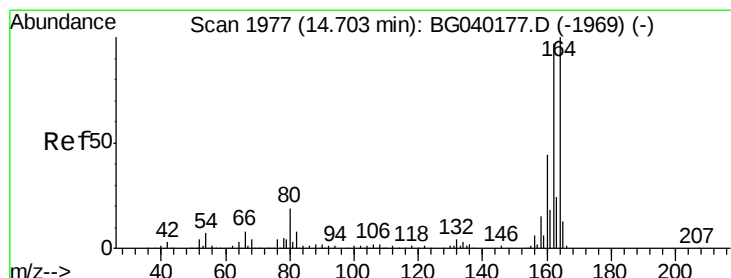
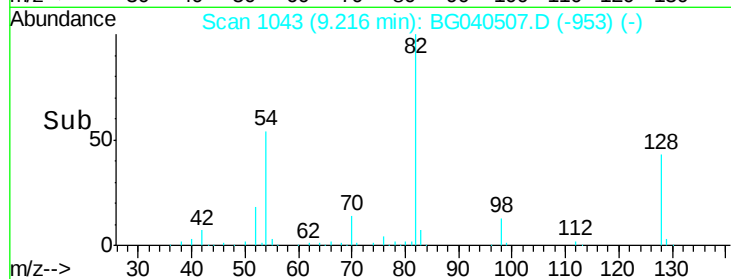
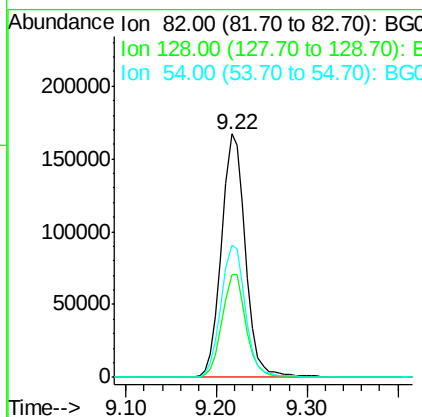
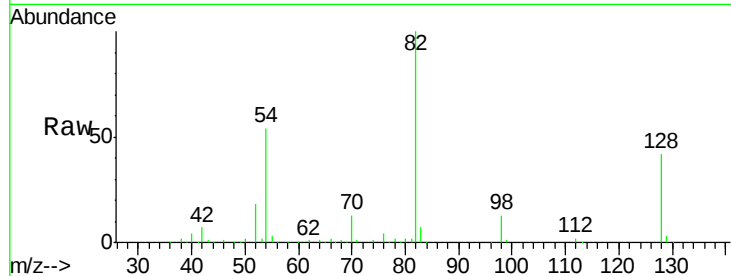




#23
 Nitrobenzene-d5
 Concen: 73.209 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BG040507.D
 Acq: 16 Apr 2019 17:29

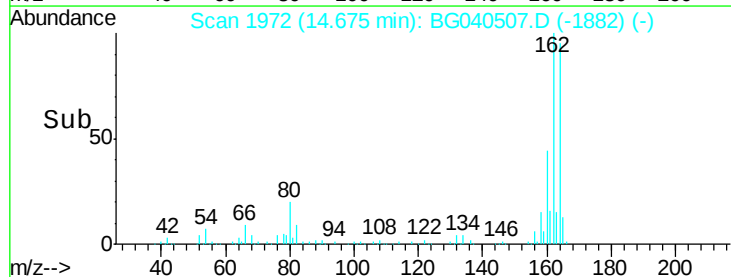
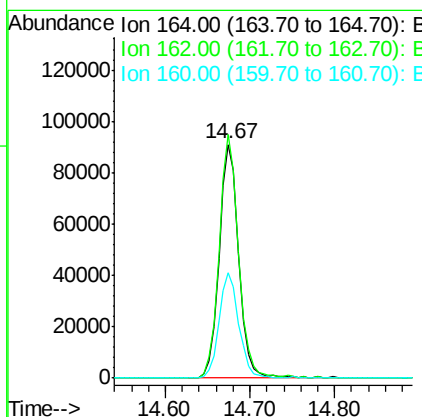
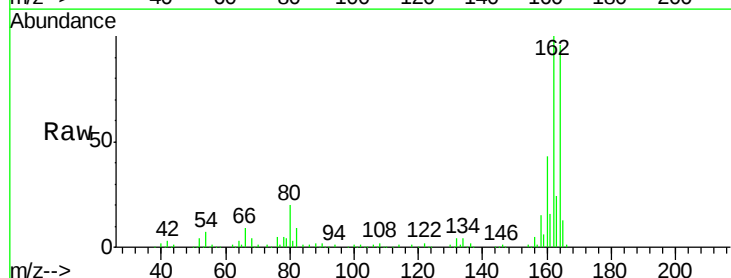
Instrument :
 BNA_G
 ClientSampleId :
 CONCRETERE

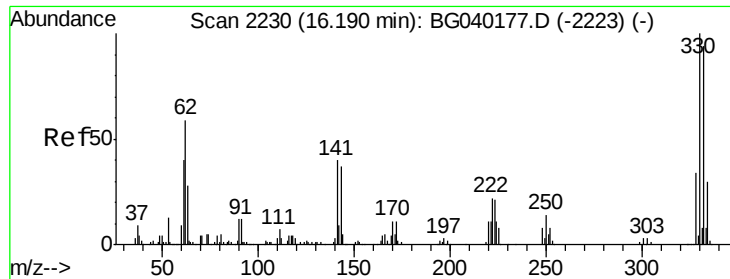
Tgt Ion: 82 Resp: 306613
 Ion Ratio Lower Upper
 82 100
 128 42.2 35.8 53.8
 54 54.3 46.2 69.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: BG040507.D
 Acq: 16 Apr 2019 17:29

Tgt Ion: 164 Resp: 146678
 Ion Ratio Lower Upper
 164 100
 162 104.3 77.4 116.2
 160 45.3 35.3 52.9

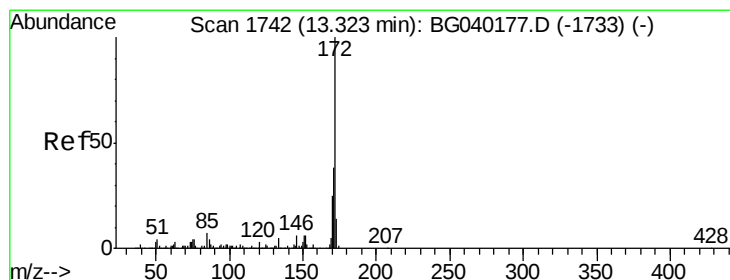
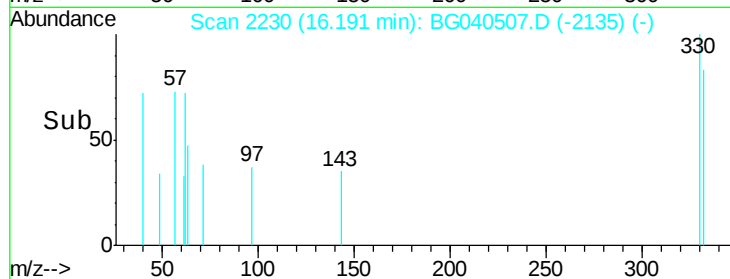
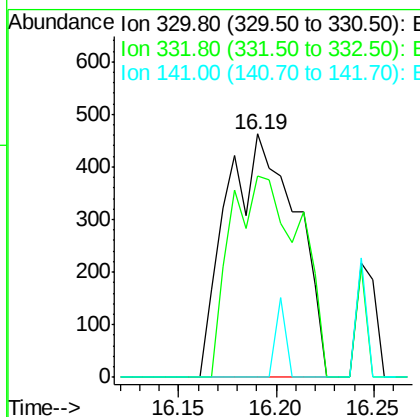
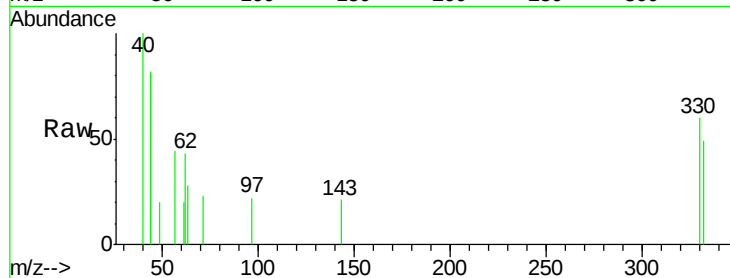




#42
 2,4,6-Tribromophenol
 Concen: 0.726 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. 0.03 min
 Lab File: BG040507.D
 Acq: 16 Apr 2019 17:29

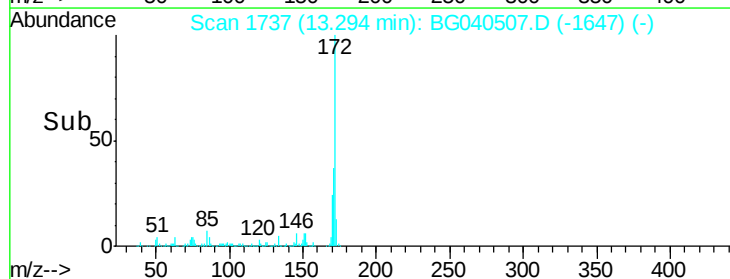
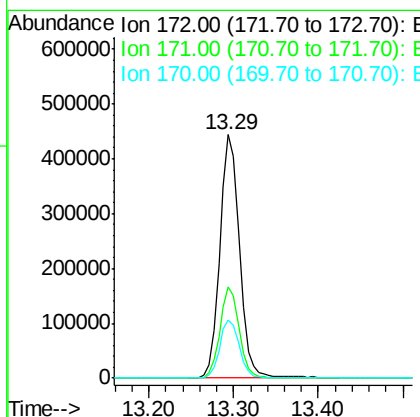
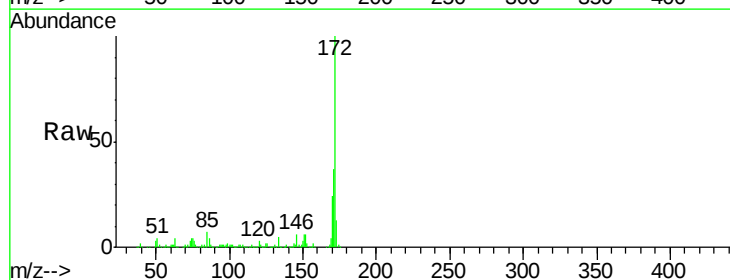
Instrument :
 BNA_G
 ClientSampleId :
 CONCRETERE

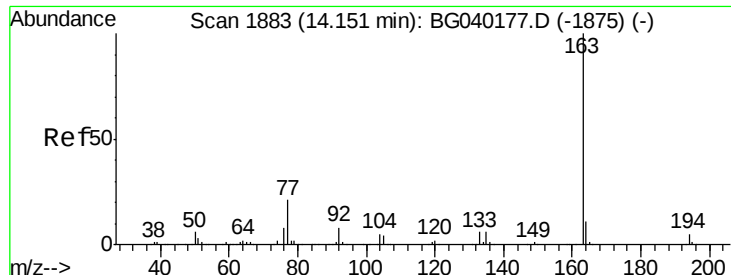
Tgt Ion: 330 Resp: 1151
 Ion Ratio Lower Upper
 330 100
 332 81.8 76.6 115.0
 141 4.6 32.6 48.8#



#45
 2-Fluorobiphenyl
 Concen: 73.145 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG040507.D
 Acq: 16 Apr 2019 17:29

Tgt Ion: 172 Resp: 724059
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.5 45.7
 170 23.9 20.1 30.1





#50

Dimethylphthalate

Concen: 5.292 ng

RT: 14.13 min Scan# 1879

Delta R.T. 0.00 min

Lab File: BG040507.D

Acq: 16 Apr 2019 17:29

Instrument :

BNA_G

ClientSampleId :

CONCRETERE

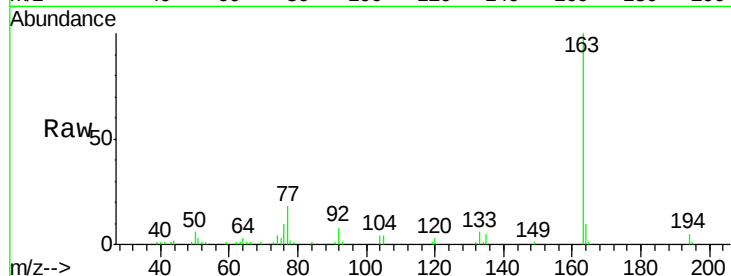
Tgt Ion:163 Resp: 60747

Ion Ratio Lower Upper

163 100

194 4.6 4.1 6.1

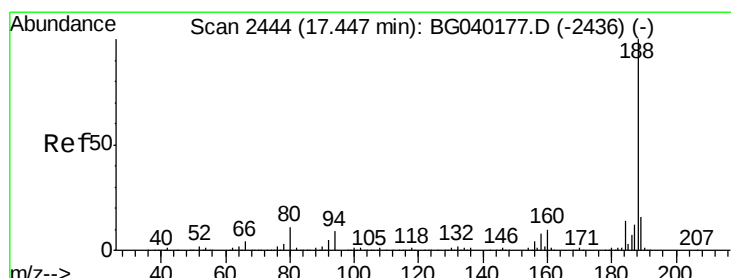
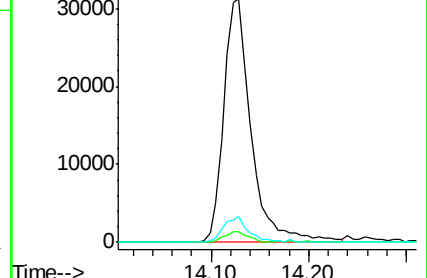
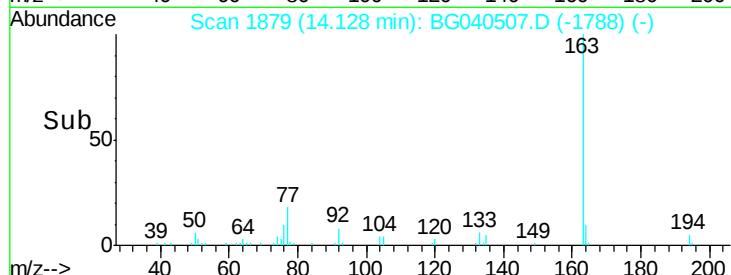
164 10.5 8.6 13.0



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: 17.42 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG040507.D

Acq: 16 Apr 2019 17:29

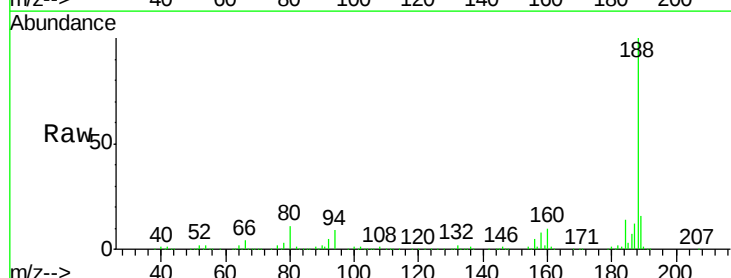
Tgt Ion:188 Resp: 398881

Ion Ratio Lower Upper

188 100

94 9.1 7.0 10.4

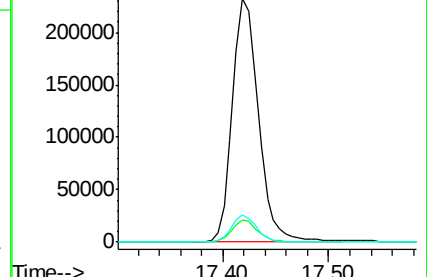
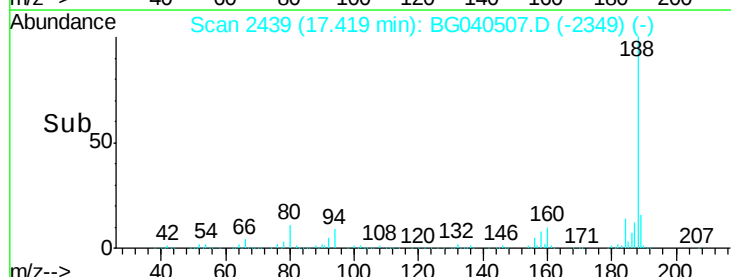
80 11.0 8.6 13.0

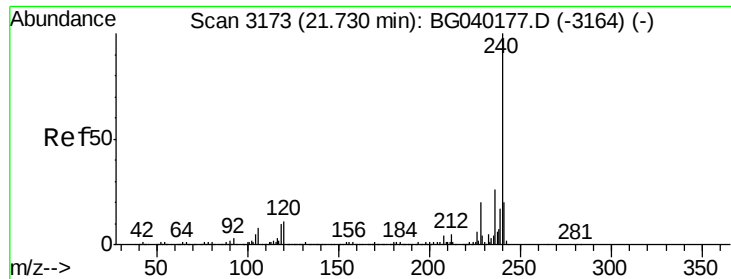


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

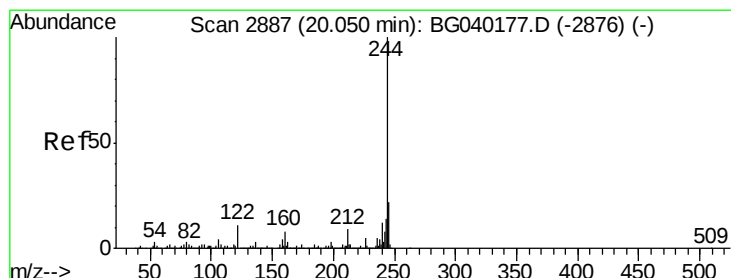
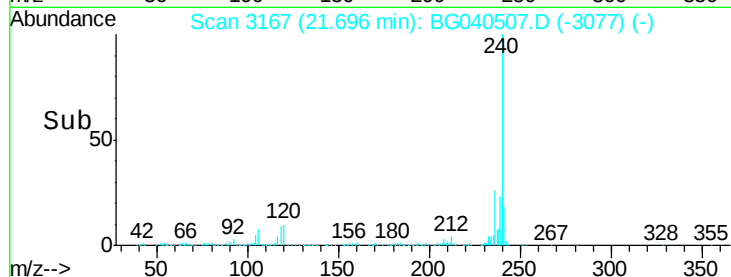
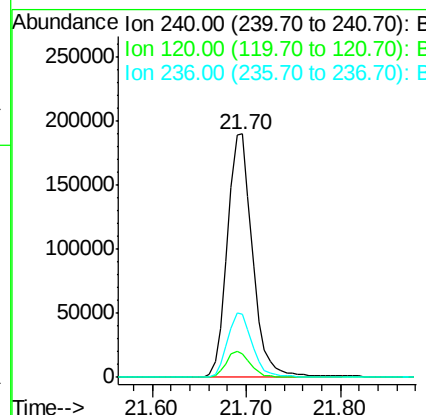
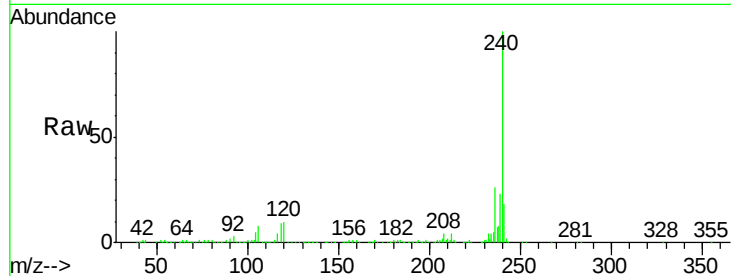




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG040507.D
Acq: 16 Apr 2019 17:29

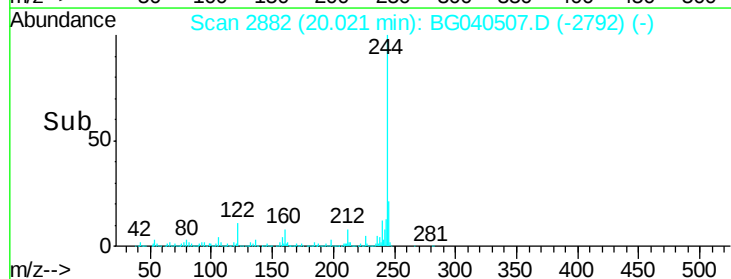
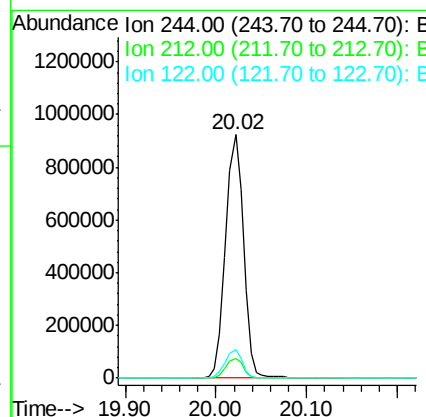
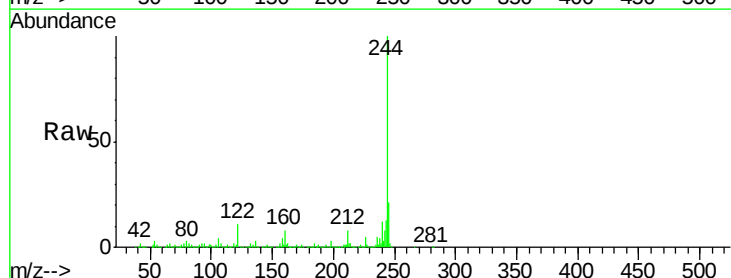
Instrument :
BNA_G
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CONCRETE

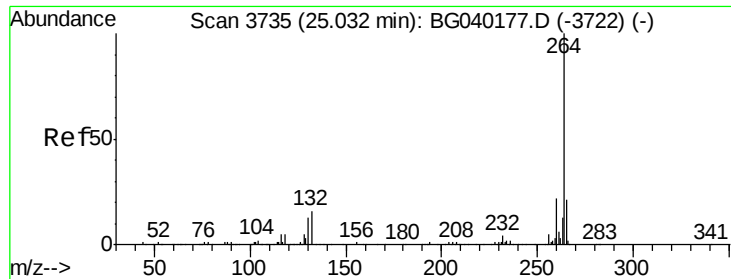
Tgt Ion:240 Resp: 355949
Ion Ratio Lower Upper
240 100
120 9.8 8.4 12.6
236 25.9 20.8 31.2



#79
Terphenyl-d14
Concen: 80.300 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.00 min
Lab File: BG040507.D
Acq: 16 Apr 2019 17:29

Tgt Ion:244 Resp: 1270540
Ion Ratio Lower Upper
244 100
212 8.1 7.0 10.6
122 11.5 8.5 12.7





#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.97 min Scan# 3725
 Delta R.T. 0.00 min
 Lab File: BG040507.D
 Acq: 16 Apr 2019 17:29

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETERE

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	17.9	26.9
265	21.0	16.8	25.2

