

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040119\
 Data File : BG040297.D
 Acq On : 2 Apr 2019 13:08
 Operator : JU/SJ
 Sample : K2205-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-A

Quant Time: Apr 02 13:52:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

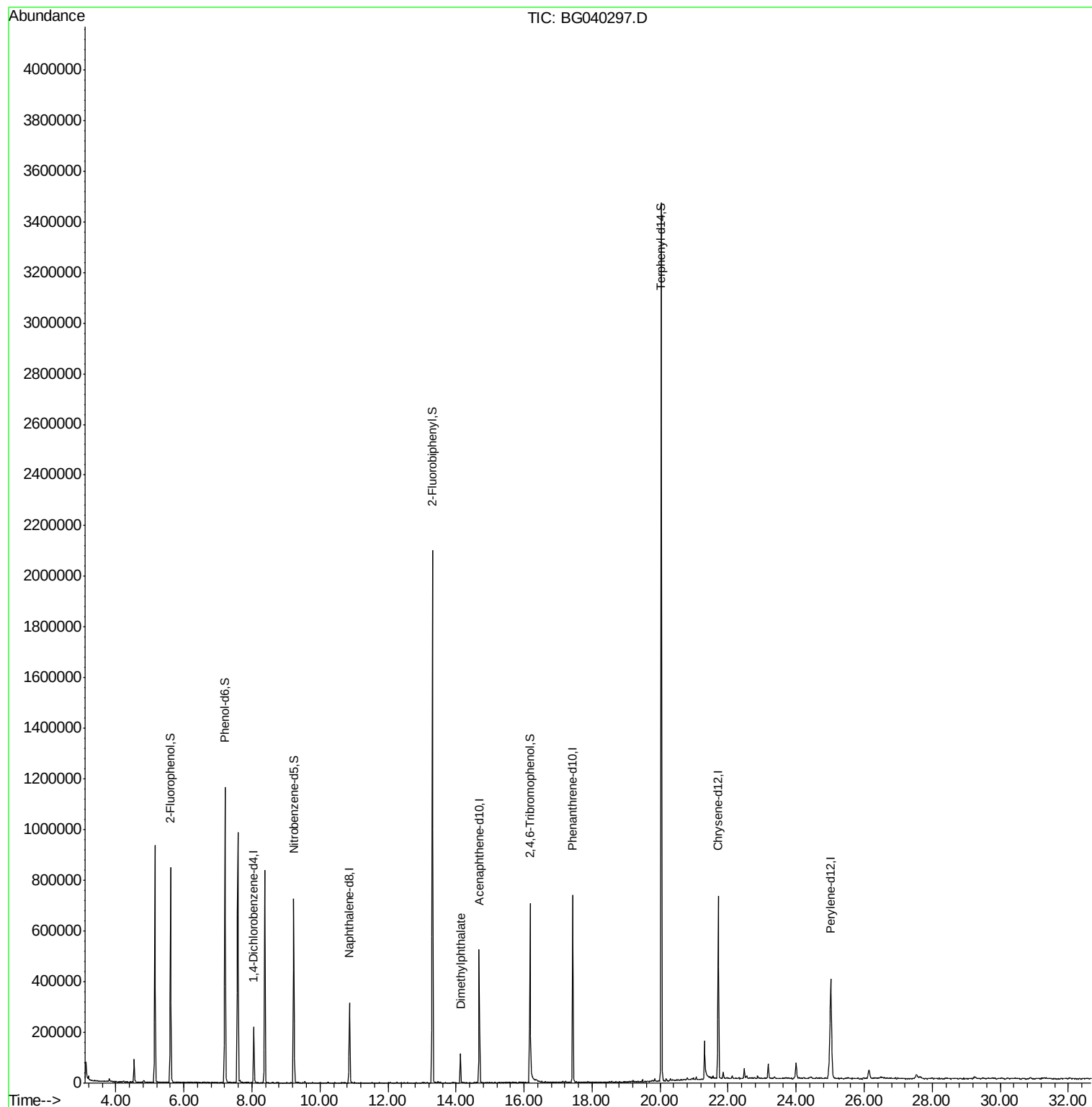
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	63145	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	267118	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	190034	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	470279	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	456180	20.00	ng	-0.02
87) Perylene-d12	25.02	264	465492	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	375879	98.96	ng	0.00
7) Phenol-d6	7.21	99	687998	131.06	ng	-0.02
23) Nitrobenzene-d5	9.23	82	440699	87.69	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	153452	74.72	ng	-0.02
45) 2-Fluorobiphenyl	13.31	172	1111372	86.66	ng	-0.02
79) Terphenyl-d14	20.03	244	1729873	85.31	ng	-0.02
Target Compounds						
50) Dimethylphthalate	14.13	163	83150	5.591	ng	Qvalue # 97

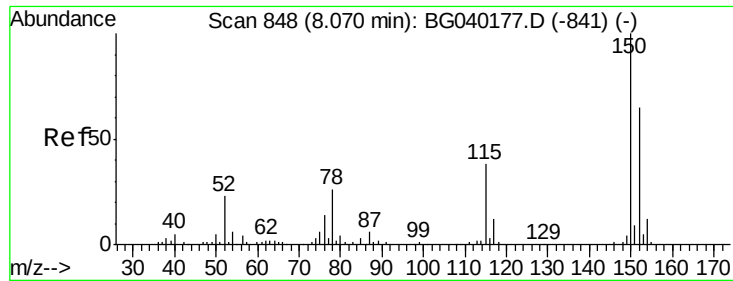
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 845

Delta R.T. -0.02 min

Lab File: BG040297.D

Acq: 2 Apr 2019 13:08

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BNA_G

ClientSampleId :

CONCRETE-A

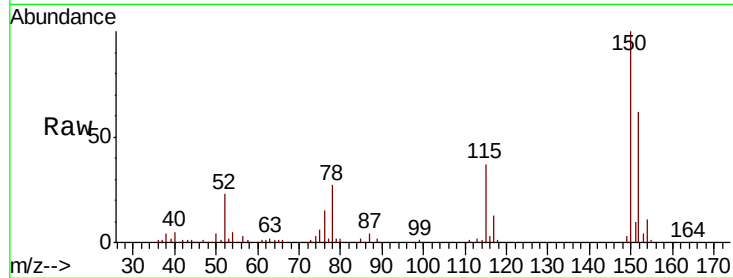
Tgt Ion:152 Resp: 63145

Ion Ratio Lower Upper

152 100

150 160.5 123.7 185.5

115 59.0 46.9 70.3

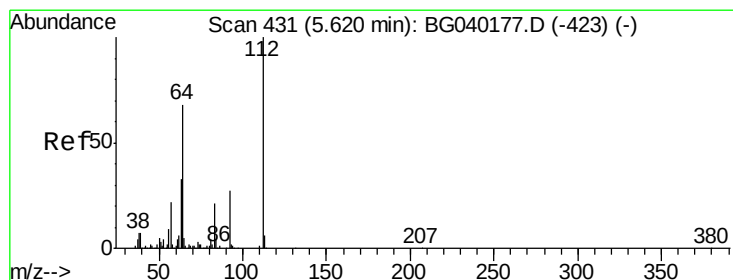
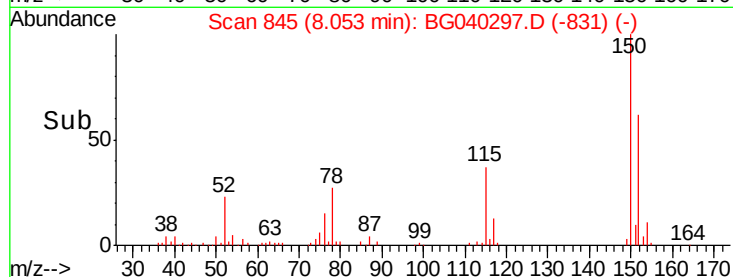
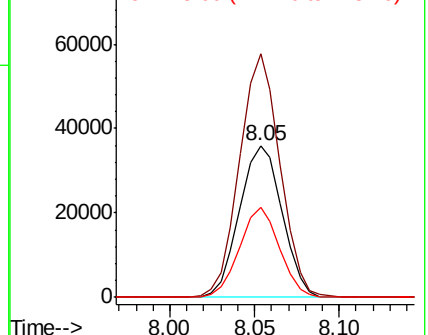


Abundance

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



#5

2-Fluorophenol

Concen: 98.957 ng

RT: 5.61 min Scan# 429

Delta R.T. -0.01 min

Lab File: BG040297.D

Acq: 2 Apr 2019 13:08

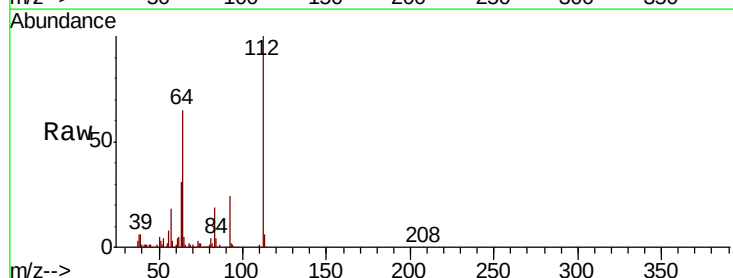
Tgt Ion:112 Resp: 375879

Ion Ratio Lower Upper

112 100

64 65.3 54.2 81.2

63 31.2 26.4 39.6

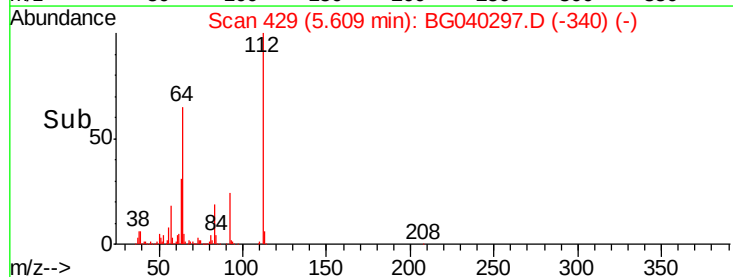
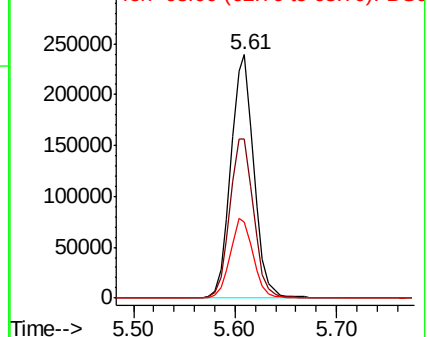


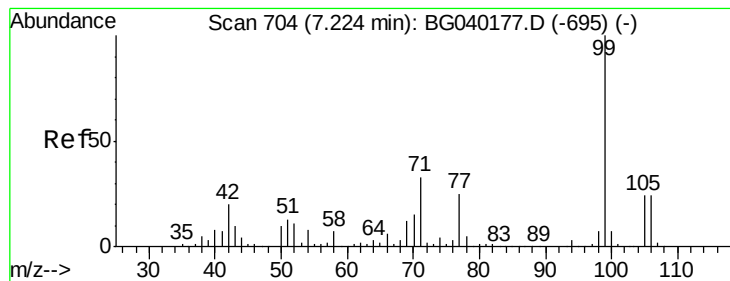
Abundance

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: 131.061 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040297.D

Acq: 2 Apr 2019 13:08

Instrument :

BNA_G

ClientSampleId :

CONCRETE-A

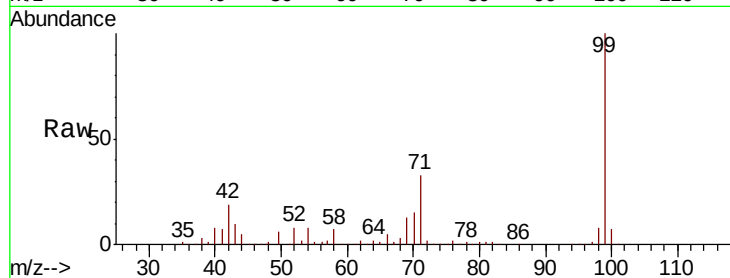
Tgt Ion: 99 Resp: 687998

Ion Ratio Lower Upper

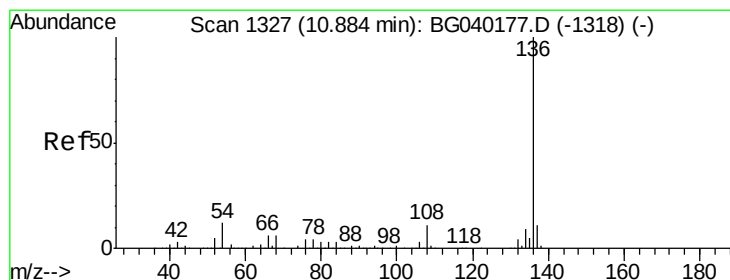
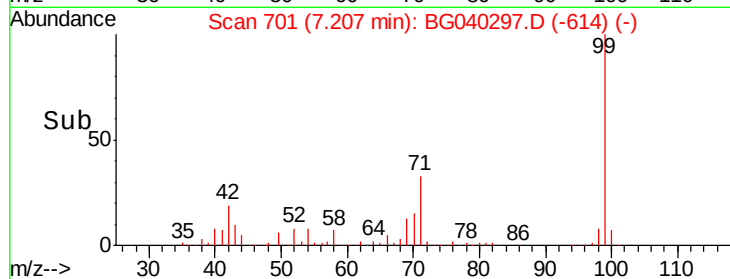
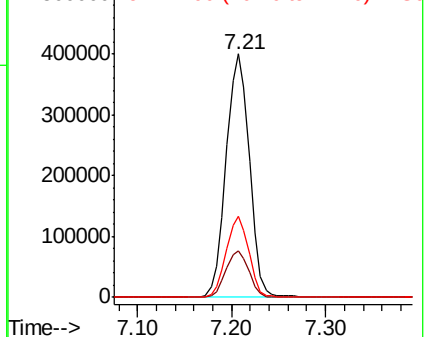
99 100

42 19.3 16.2 24.2

71 33.2 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: 10.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BG040297.D

Acq: 2 Apr 2019 13:08

Tgt Ion: 136 Resp: 267118

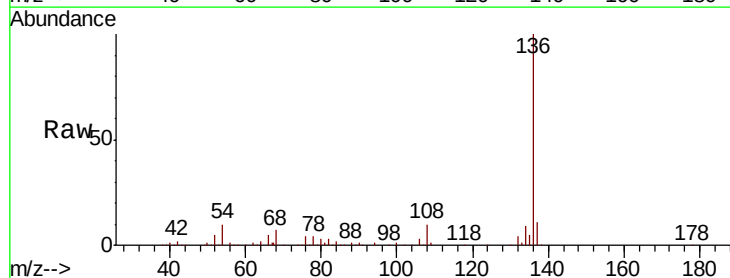
Ion Ratio Lower Upper

136 100

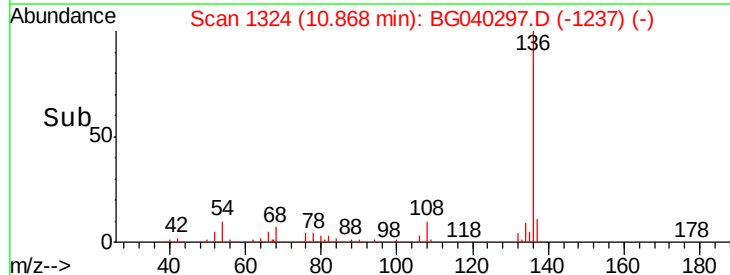
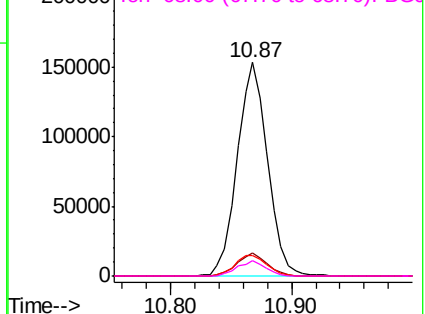
137 10.9 8.9 13.3

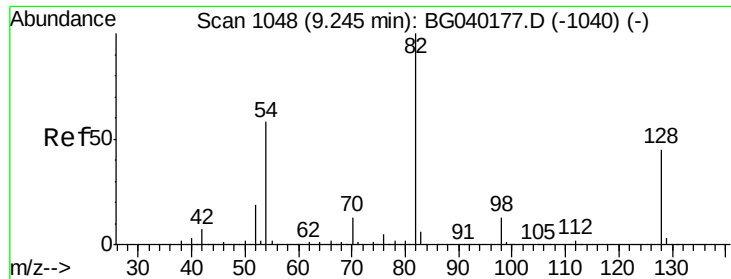
54 9.6 9.6 14.4#

68 7.2 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

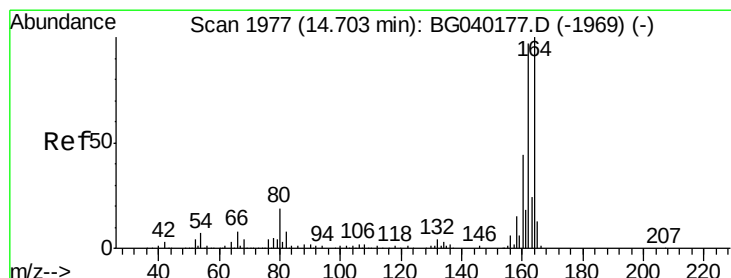
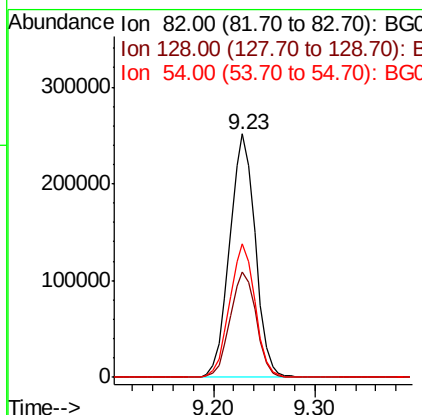
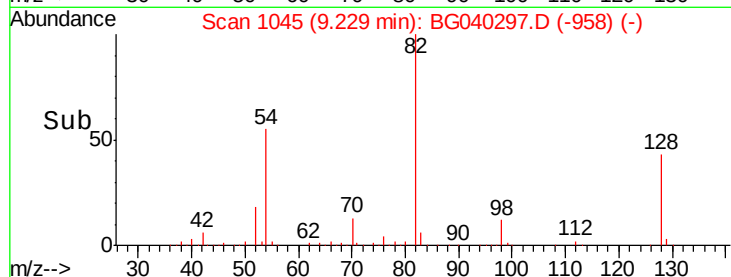
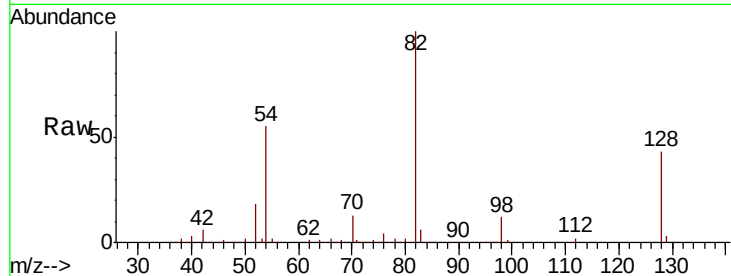




#23
 Nitrobenzene-d5
 Concen: 87.694 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.02 min
 Lab File: BG040297.D
 Acq: 2 Apr 2019 13:08

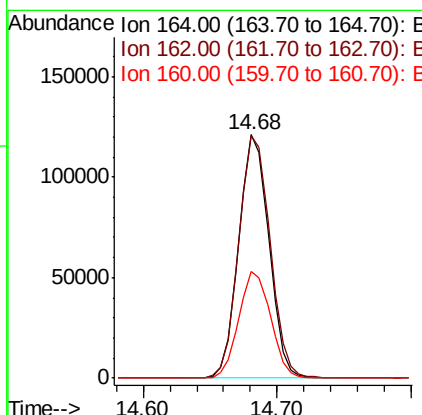
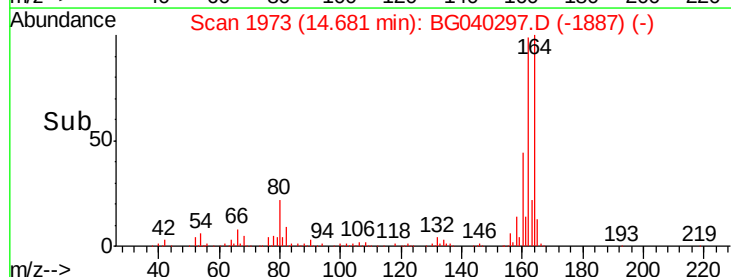
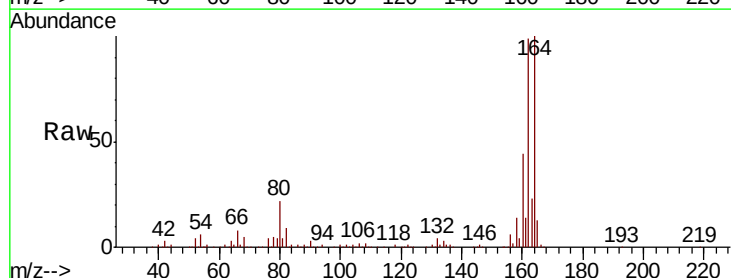
Instrument :
 BNA_G
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 CONCRETE-A

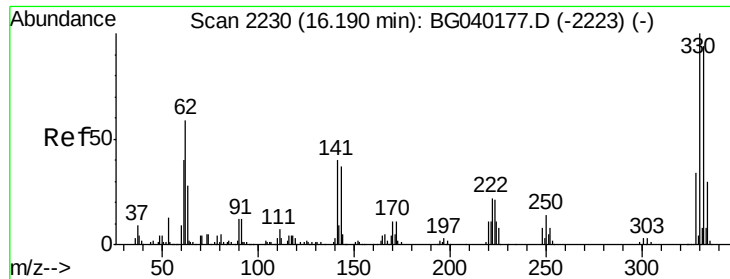
Tgt Ion: 82 Resp: 440699
 Ion Ratio Lower Upper
 82 100
 128 43.3 35.8 53.8
 54 54.9 46.2 69.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.02 min
 Lab File: BG040297.D
 Acq: 2 Apr 2019 13:08

Tgt Ion: 164 Resp: 190034
 Ion Ratio Lower Upper
 164 100
 162 99.4 77.4 116.2
 160 43.8 35.3 52.9

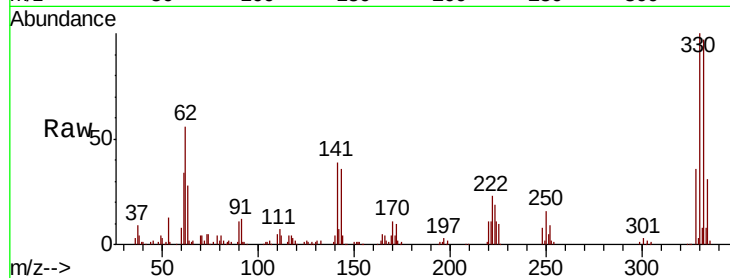




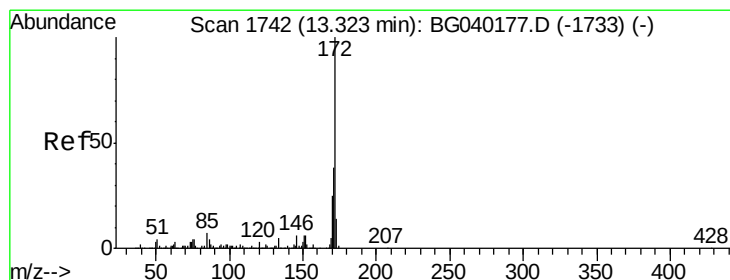
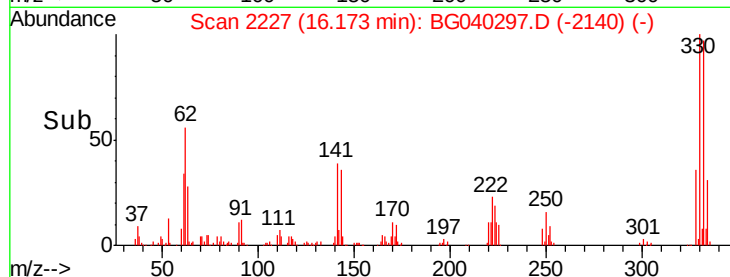
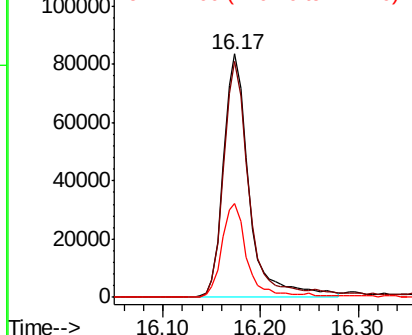
#42
 2,4,6-Tribromophenol
 Concen: 74.717 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.02 min
 Lab File: BG040297.D
 Acq: 2 Apr 2019 13:08

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-A

Tgt Ion:330 Resp: 153452
 Ion Ratio Lower Upper
 330 100
 332 99.6 76.6 115.0
 141 37.1 32.6 48.8

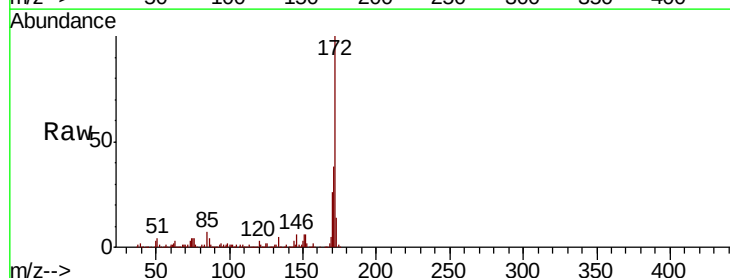


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

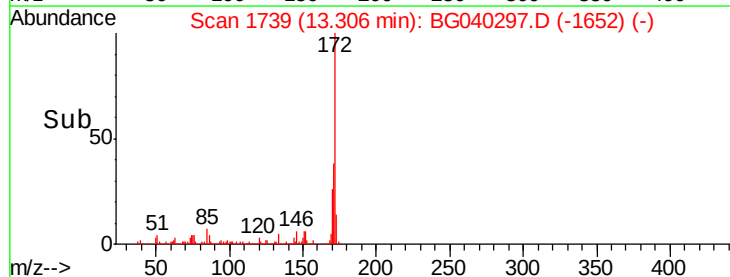
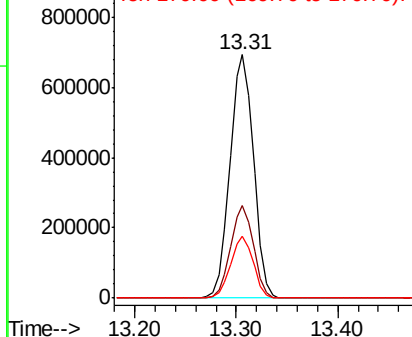


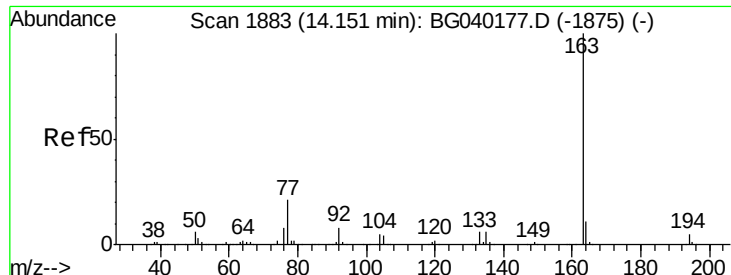
#45
 2-Fluorobiphenyl
 Concen: 86.658 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.02 min
 Lab File: BG040297.D
 Acq: 2 Apr 2019 13:08

Tgt Ion:172 Resp: 1111372
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.5 45.7
 170 25.6 20.1 30.1



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

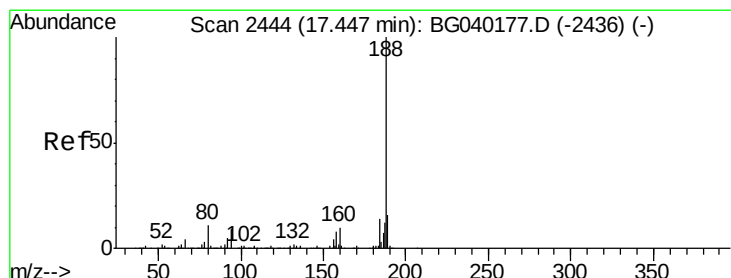
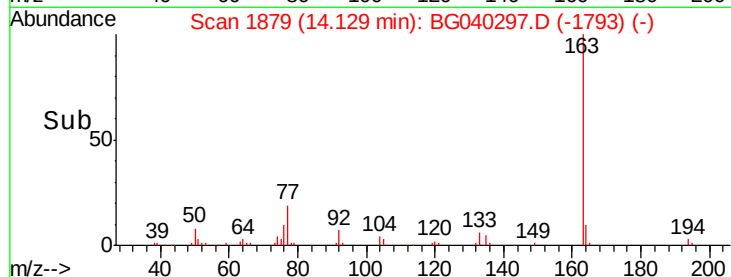
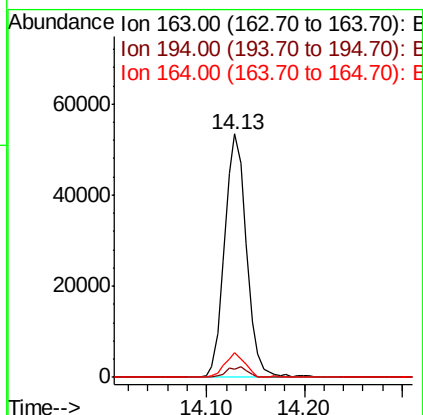
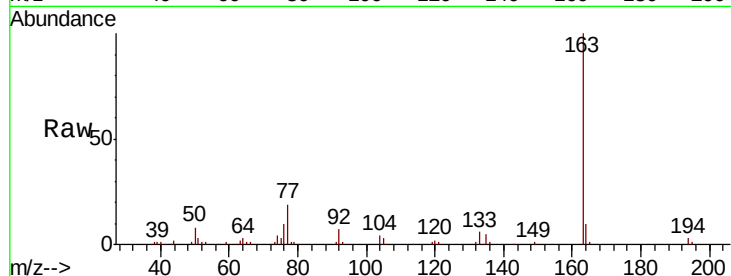




#50
Dimethylphthalate
Concen: 5.591 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.02 min
Lab File: BG040297.D
Acq: 2 Apr 2019 13:08

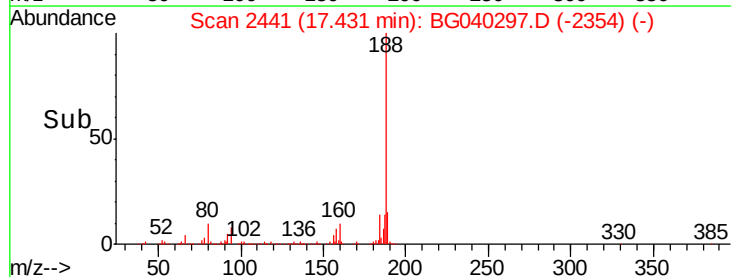
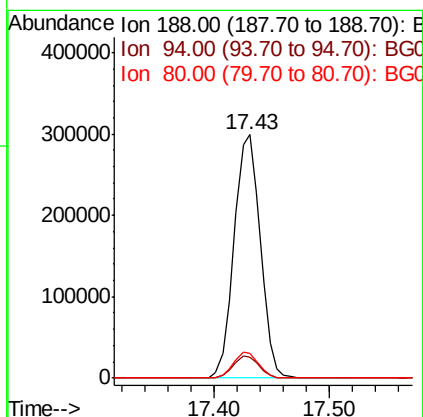
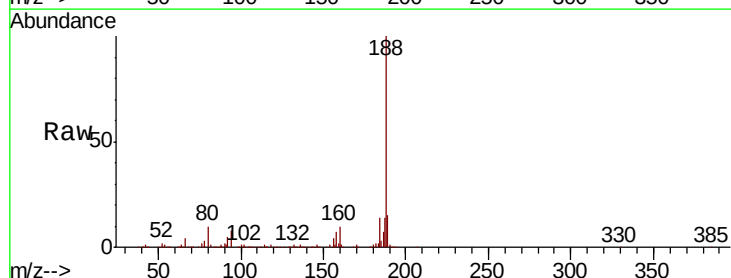
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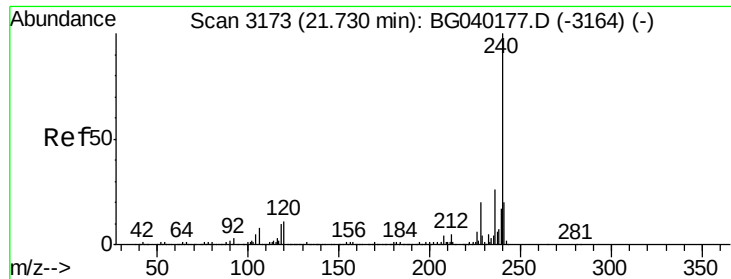
Tgt Ion:163 Resp: 83150
Ion Ratio Lower Upper
163 100
194 3.5 4.1 6.1#
164 10.0 8.6 13.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.02 min
Lab File: BG040297.D
Acq: 2 Apr 2019 13:08

Tgt Ion:188 Resp: 470279
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.4
80 10.3 8.6 13.0

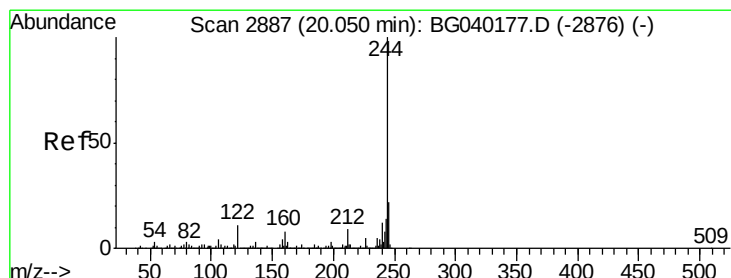
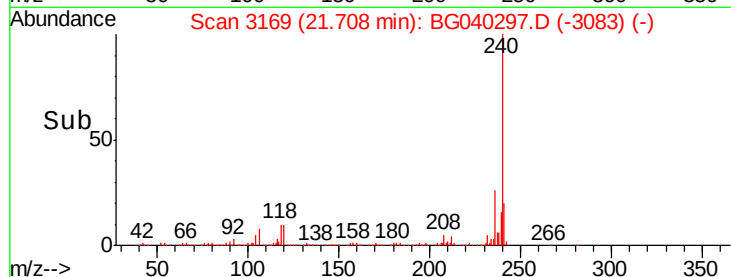
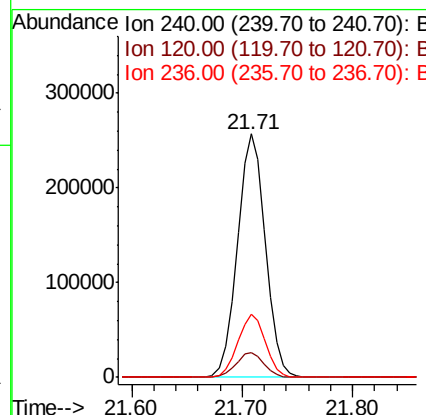
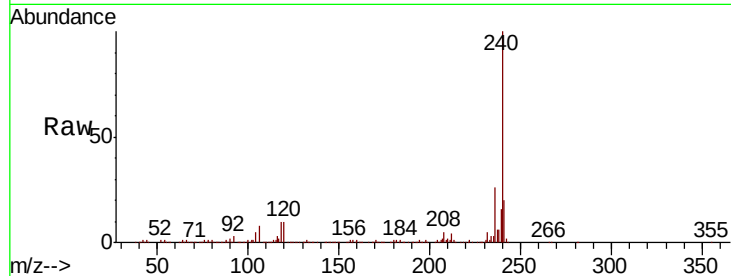




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.02 min
Lab File: BG040297.D
Acq: 2 Apr 2019 13:08

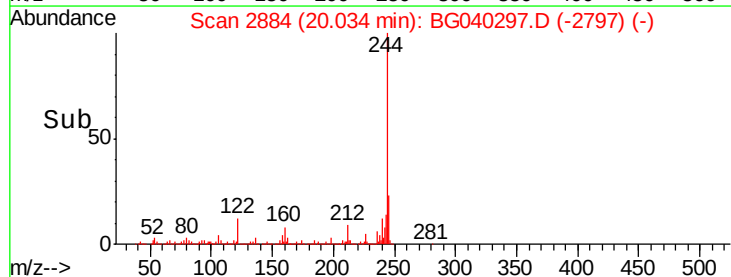
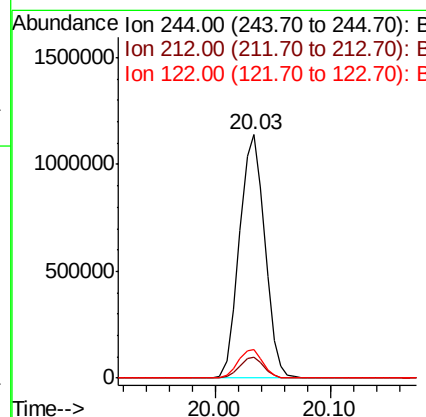
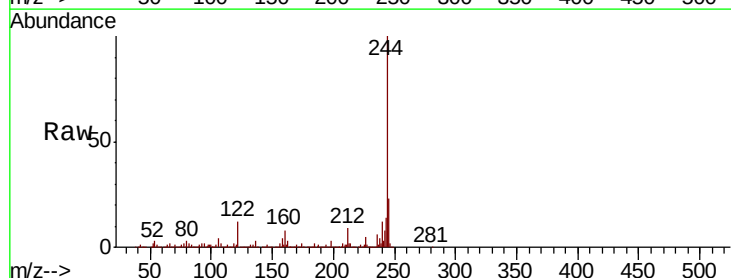
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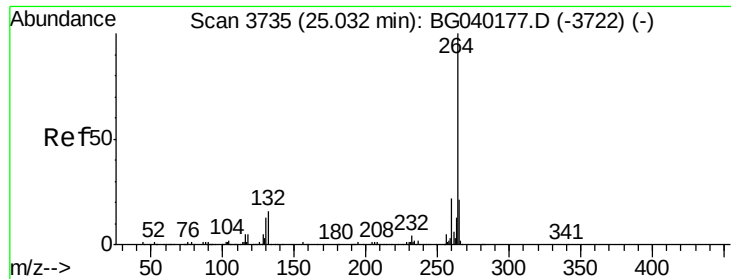
Tgt Ion:240 Resp: 456180
Ion Ratio Lower Upper
240 100
120 10.2 8.4 12.6
236 26.1 20.8 31.2



#79
Terphenyl-d14
Concen: 85.309 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.02 min
Lab File: BG040297.D
Acq: 2 Apr 2019 13:08

Tgt Ion:244 Resp: 1729873
Ion Ratio Lower Upper
244 100
212 8.7 7.0 10.6
122 11.7 8.5 12.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3732
Delta R.T. -0.02 min
Lab File: BG040297.D
Acq: 2 Apr 2019 13:08

Instrument :
BNA_G
ClientSampleId :
CONCRETE-A

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.9	26.9
265	21.5	16.8	25.2

