

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111721\
 Data File : BG051091.D
 Acq On : 17 Nov 2021 14:15
 Operator : CG/JU
 Sample : M4666-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE

Quant Time: Nov 17 14:49:45 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 03:55:35 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

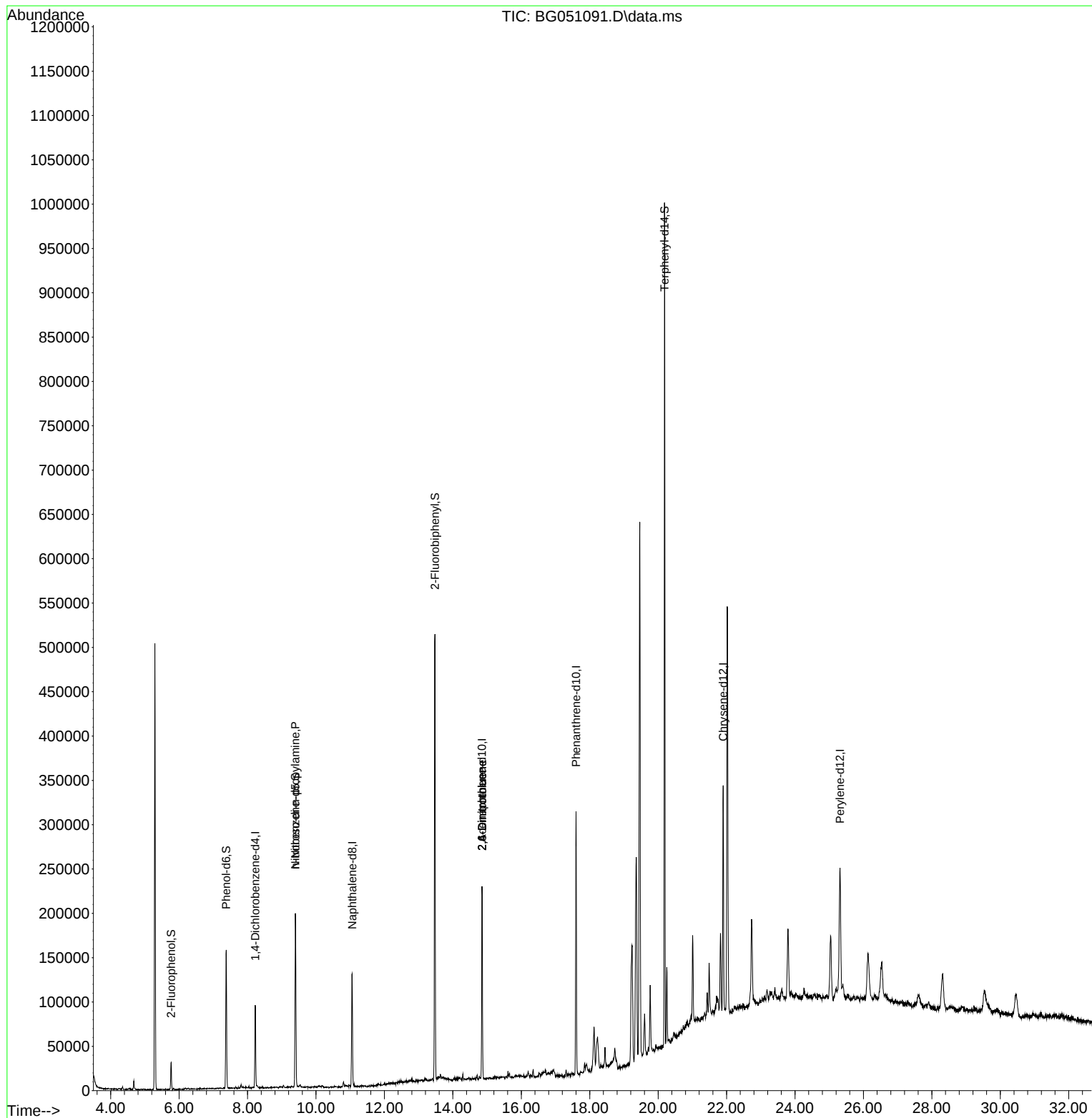
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.223	152	26512	20.000	ng	# 0.00
21) Naphthalene-d8	11.055	136	110581	20.000	ng	# 0.00
39) Acenaphthene-d10	14.851	164	77080	20.000	ng	0.00
64) Phenanthrene-d10	17.600	188	182369	20.000	ng	# 0.00
76) Chrysene-d12	21.901	240	156668	20.000	ng	# 0.00
86) Perylene-d12	25.315	264	160614	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.767	112	12979	7.323	ng	0.00
7) Phenol-d6	7.371	99	92100	36.818	ng	0.00
23) Nitrobenzene-d5	9.398	82	124994	50.036	ng	0.00
42) 2,4,6-Tribromophenol	16.343	330	1412	1.831	ng	0.00
45) 2-Fluorobiphenyl	13.476	172	255045	52.281	ng	0.00
79) Terphenyl-d14	20.186	244	434118	50.702	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.398	70	17815	9.637	ng	# 71
51) 2,6-Dinitrotoluene	14.857	165	10219	8.187	ng	# 10
57) 2,4-Dinitrotoluene	14.857	165	10219	5.770	ng	# 15

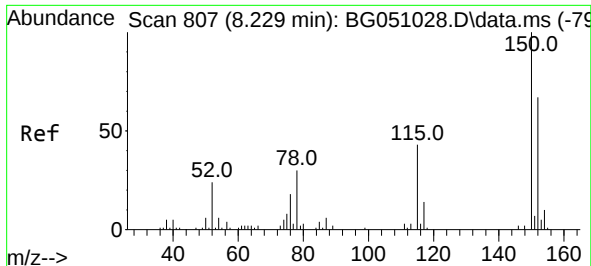
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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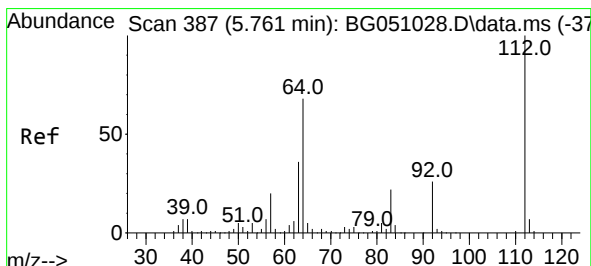
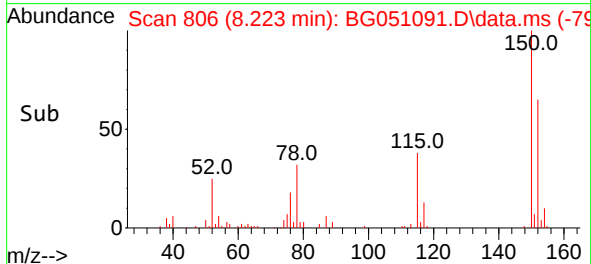
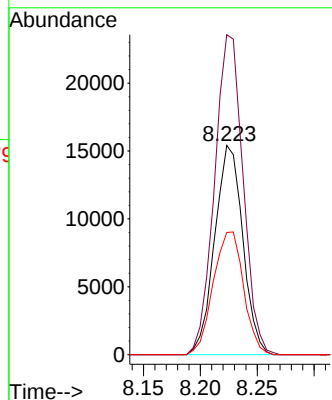
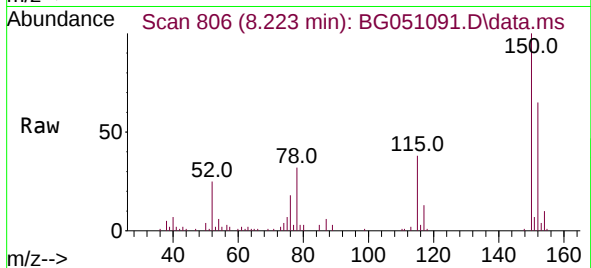




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.223 min Scan# 807
Delta R.T. -0.006 min
Lab File: BG051091.D
Acq: 17 Nov 2021 14:15

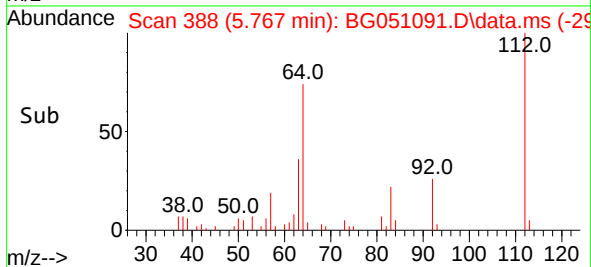
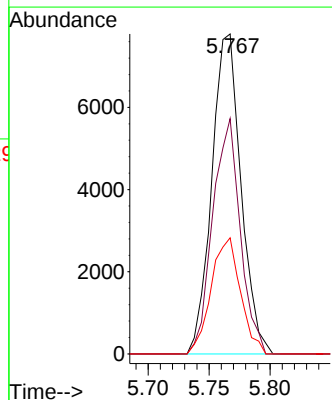
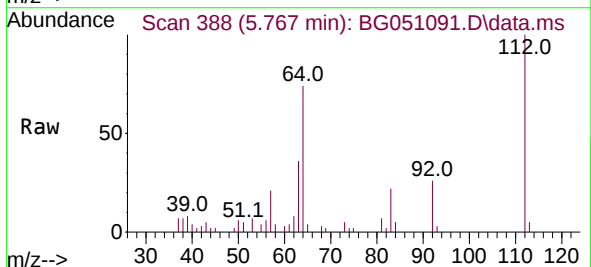
Instrument :
BNA_G
ClientSampleId :
CONCRETE

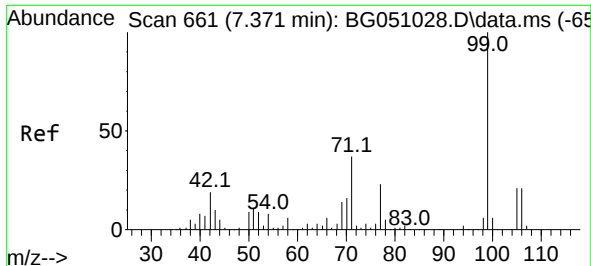
Tgt Ion:152 Resp: 26512
Ion Ratio Lower Upper
152 100
150 152.9 119.4 179.0
115 58.4 60.2 90.4#



#5
2-Fluorophenol
Concen: 7.323 ng
RT: 5.767 min Scan# 388
Delta R.T. 0.006 min
Lab File: BG051091.D
Acq: 17 Nov 2021 14:15

Tgt Ion:112 Resp: 12979
Ion Ratio Lower Upper
112 100
64 73.6 46.7 70.1#
63 36.3 35.3 52.9

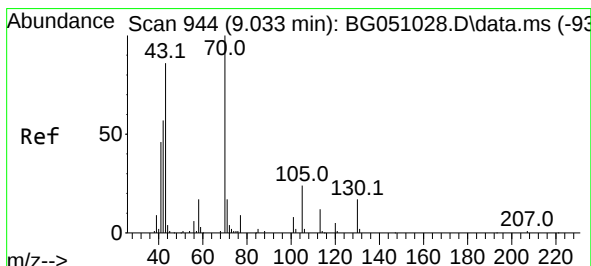
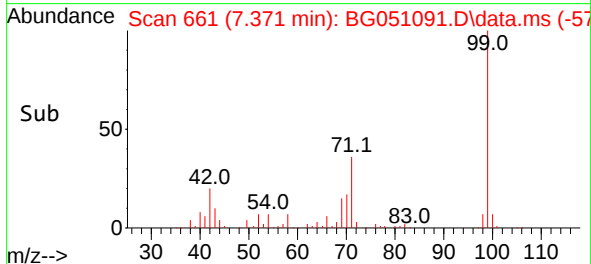
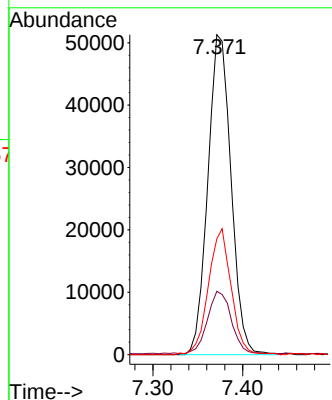
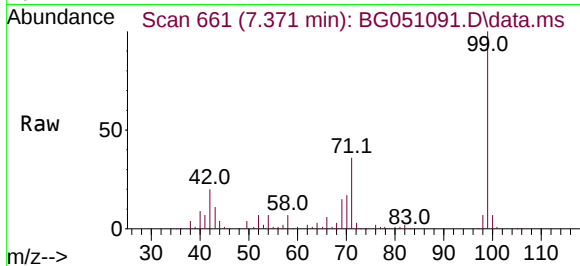




#7
Phenol-d6
Concen: 36.818 ng
RT: 7.371 min Scan# 60
Delta R.T. 0.000 min
Lab File: BG051091.D
Acq: 17 Nov 2021 14:15

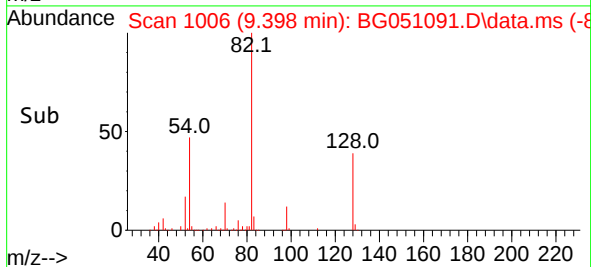
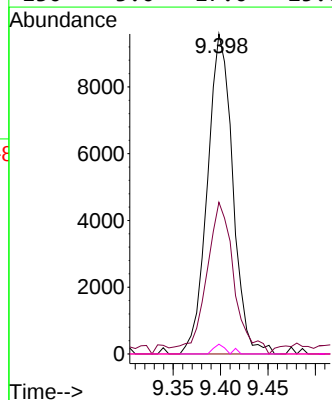
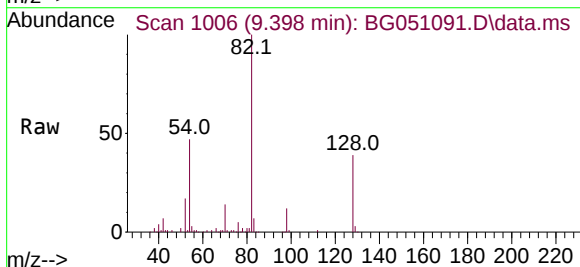
Instrument :
BNA_G
ClientSampleId :
CONCRETE

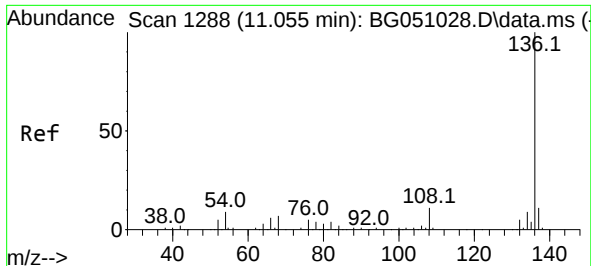
Tgt Ion: 99 Resp: 92100
Ion Ratio Lower Upper
99 100
42 19.8 20.5 30.7#
71 36.2 41.5 62.3#



#19
n-Nitroso-di-n-propylamine
Concen: 9.637 ng
RT: 9.398 min Scan# 1006
Delta R.T. 0.365 min
Lab File: BG051091.D
Acq: 17 Nov 2021 14:15

Tgt Ion: 70 Resp: 17815
Ion Ratio Lower Upper
70 100
42 47.4 54.5 81.7#
101 0.0 9.0 13.6#
130 3.0 17.0 25.6#

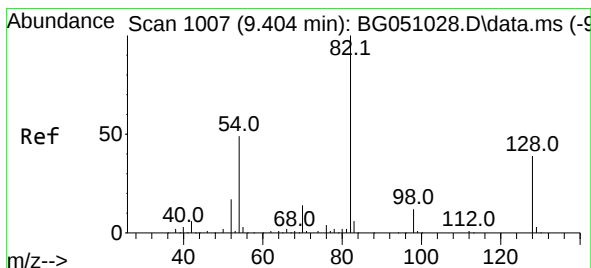
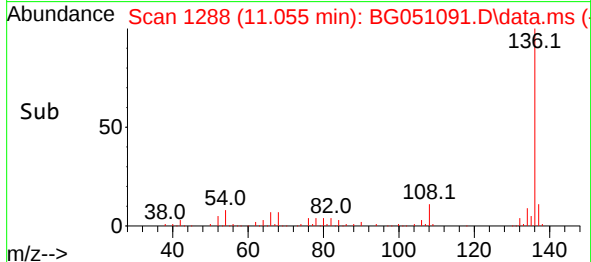
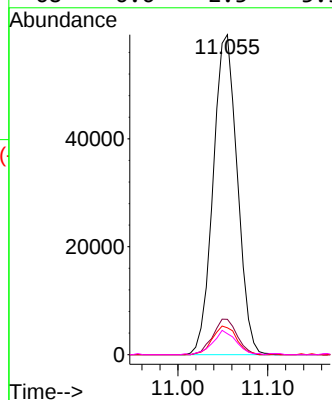
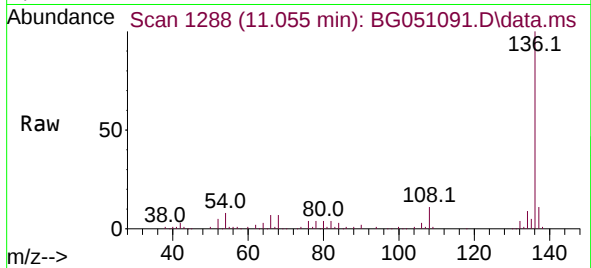




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.055 min Scan# 1105
Delta R.T. 0.000 min
Lab File: BG051091.D
Acq: 17 Nov 2021 14:15

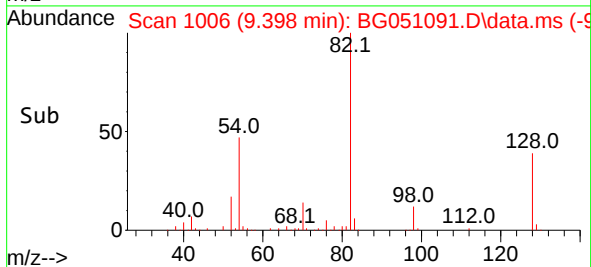
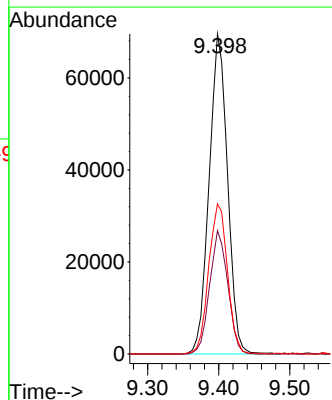
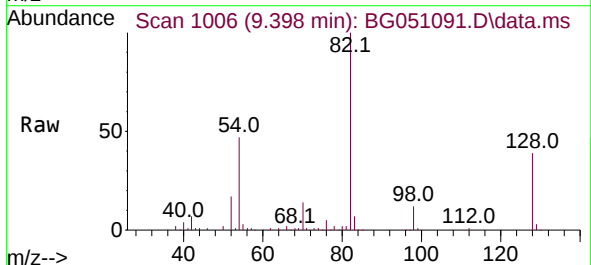
Instrument :
BNA_G
ClientSampleId :
CONCRETE

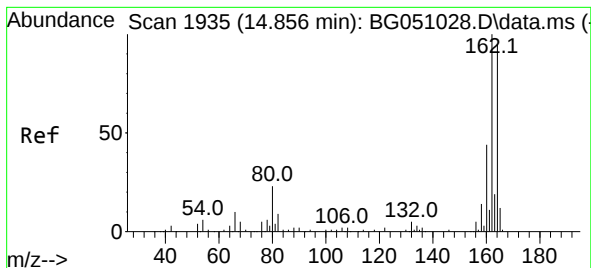
Tgt Ion:136 Resp: 110581
Ion Ratio Lower Upper
136 100
137 11.0 8.2 12.2
54 8.4 5.5 8.3#
68 6.6 2.3 3.5#



#23
Nitrobenzene-d5
Concen: 50.036 ng
RT: 9.398 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BG051091.D
Acq: 17 Nov 2021 14:15

Tgt Ion: 82 Resp: 124994
Ion Ratio Lower Upper
82 100
128 38.5 29.8 44.6
54 46.9 45.8 68.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.851 min Scan# 1935

Delta R.T. -0.005 min

Lab File: BG051091.D

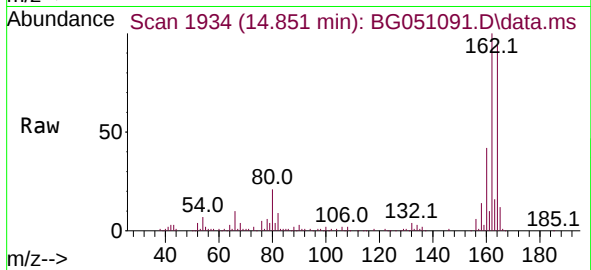
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Instrument :

BNA_G

ClientSampleId :

CONCRETE



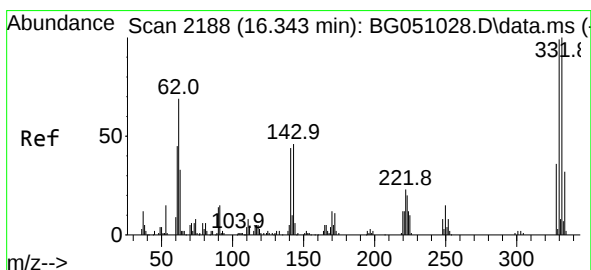
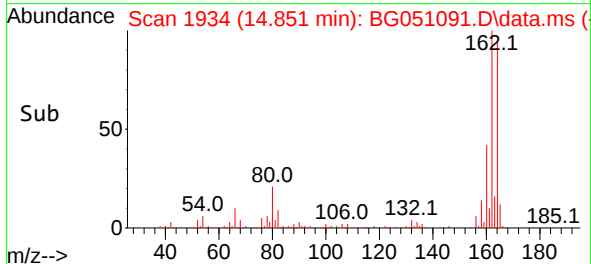
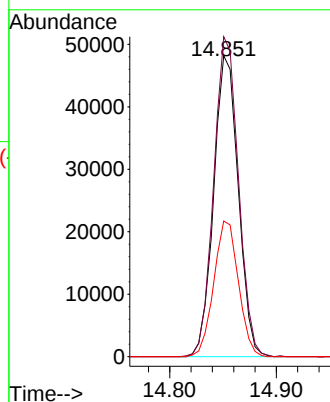
Tgt Ion:164 Resp: 77080

Ion Ratio Lower Upper

164 100

162 106.3 81.4 122.0

160 45.1 34.9 52.3



#42

2,4,6-Tribromophenol

Concen: 1.831 ng

RT: 16.343 min Scan# 2188

Delta R.T. 0.000 min

Lab File: BG051091.D

Acq: 17 Nov 2021 14:15

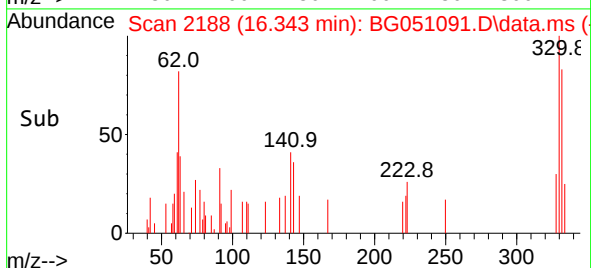
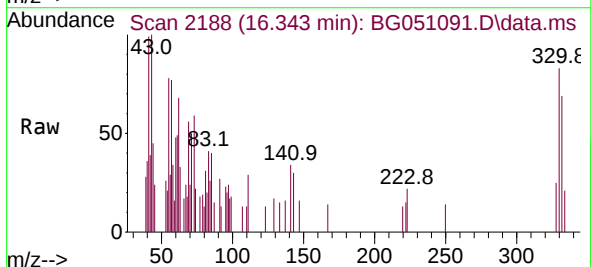
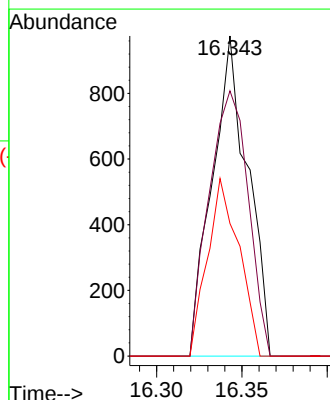
Tgt Ion:330 Resp: 1412

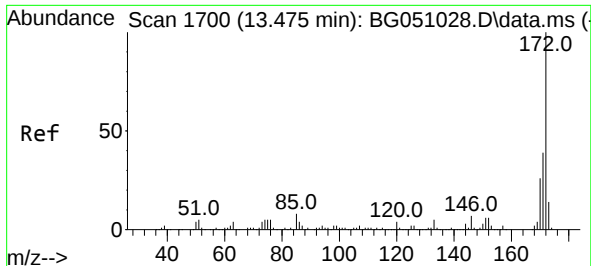
Ion Ratio Lower Upper

330 100

332 91.4 77.3 115.9

141 49.2 35.6 53.4

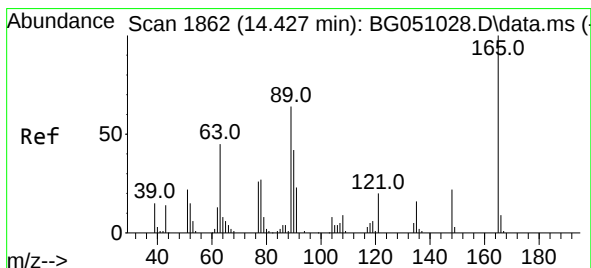
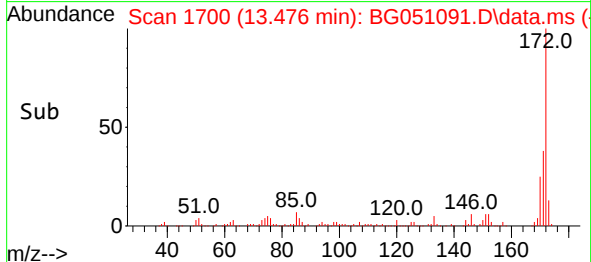
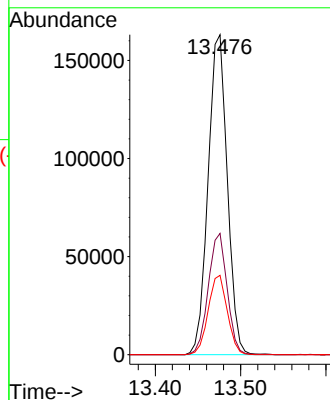
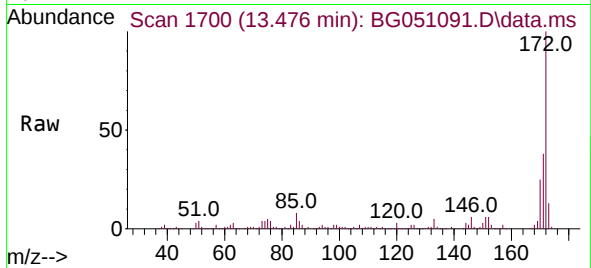




#45
2-Fluorobiphenyl
Concen: 52.281 ng
RT: 13.476 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG051091.D
Acq: 17 Nov 2021 14:15

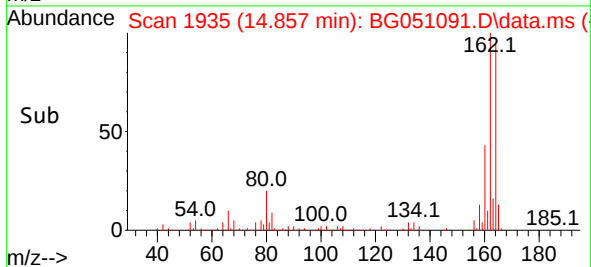
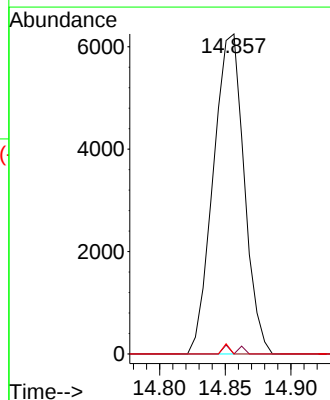
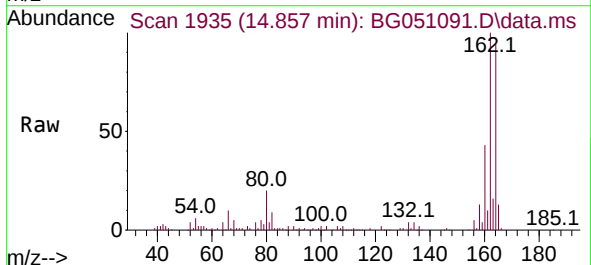
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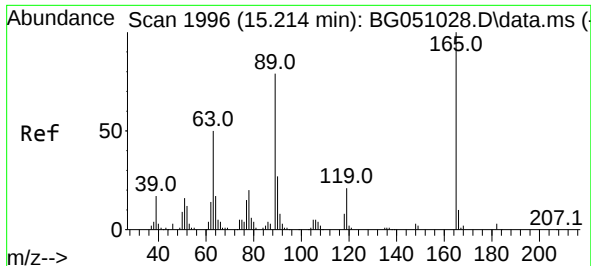
Tgt Ion:172 Resp: 255045
Ion Ratio Lower Upper
172 100
171 37.9 28.6 43.0
170 24.8 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.187 ng
RT: 14.857 min Scan# 1935
Delta R.T. 0.430 min
Lab File: BG051091.D
Acq: 17 Nov 2021 14:15

Tgt Ion:165 Resp: 10219
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#

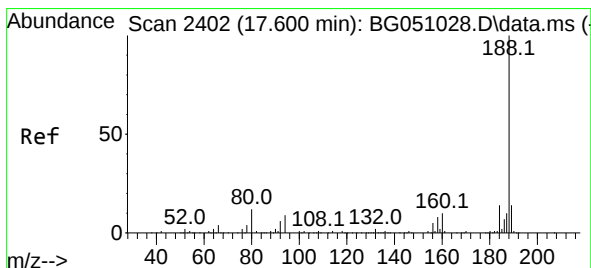
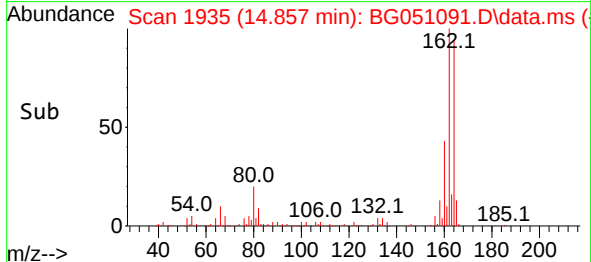
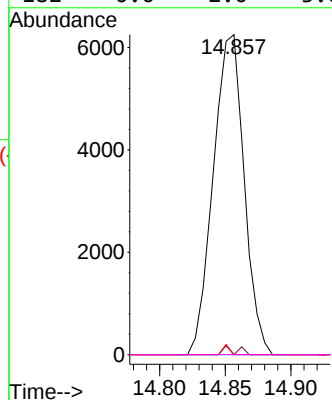
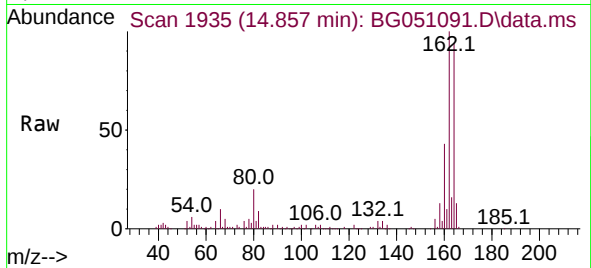




#57
2,4-Dinitrotoluene
Concen: 5.770 ng
RT: 14.857 min Scan# 1996
Delta R.T. -0.358 min
Lab File: BG051091.D
Acq: 17 Nov 2021 14:15

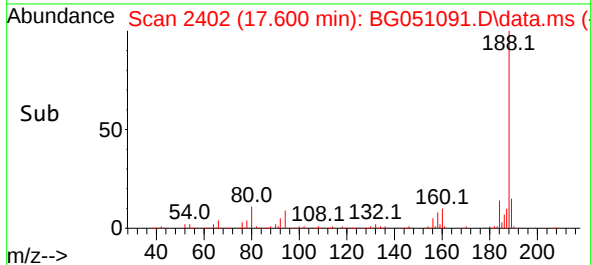
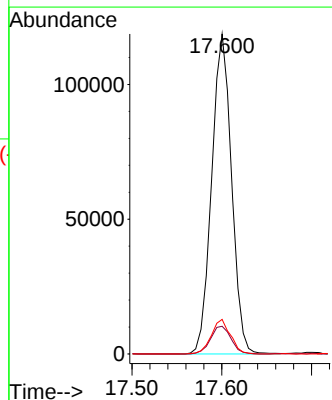
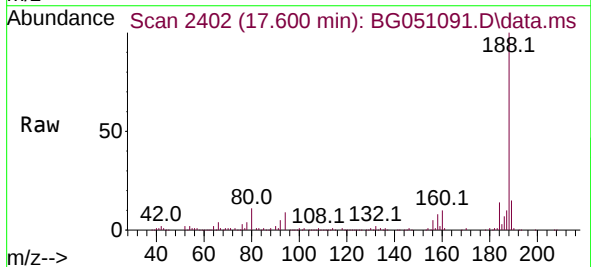
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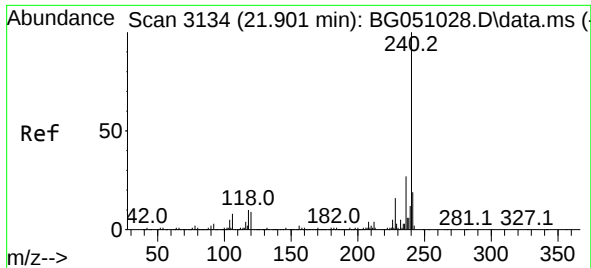
Tgt Ion:165 Resp: 10219
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.600 min Scan# 2402
Delta R.T. 0.001 min
Lab File: BG051091.D
Acq: 17 Nov 2021 14:15

Tgt Ion:188 Resp: 182369
Ion Ratio Lower Upper
188 100
94 8.7 5.4 8.0#
80 10.8 3.7 5.5#

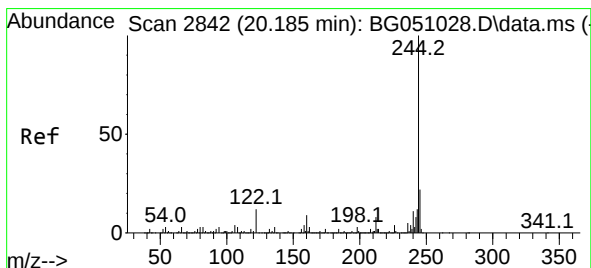
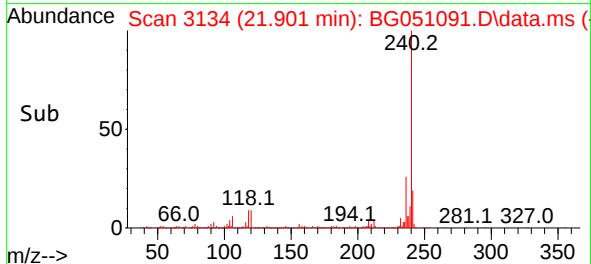
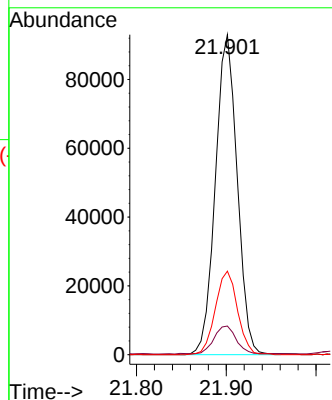
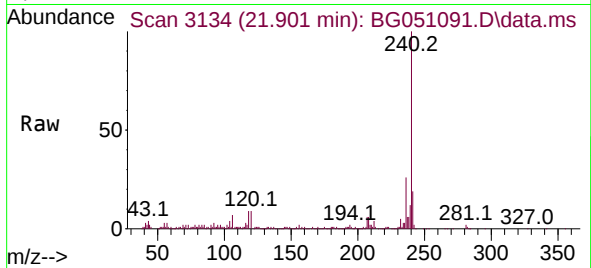




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.901 min Scan# 3134
Delta R.T. 0.001 min
Lab File: BG051091.D
Acq: 17 Nov 2021 14:15

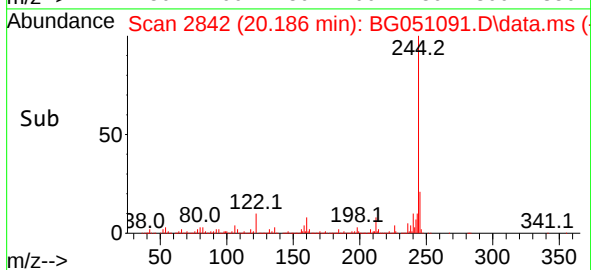
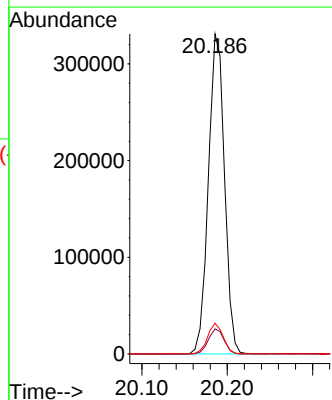
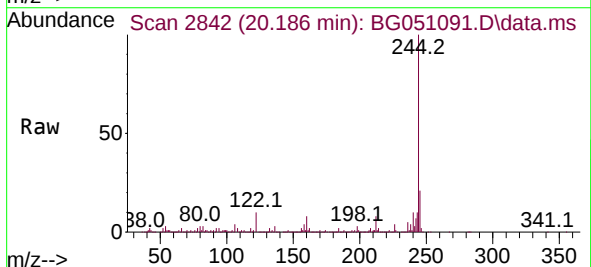
Instrument :
BNA_G
ClientSampleId :
CONCRETE

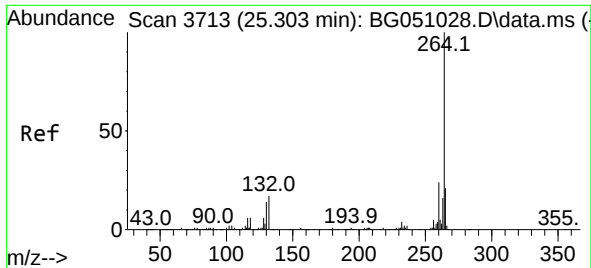
Tgt Ion:240 Resp: 156668
Ion Ratio Lower Upper
240 100
120 9.0 4.2 6.2#
236 26.1 21.8 32.6



#79
Terphenyl-d14
Concen: 50.702 ng
RT: 20.186 min Scan# 2842
Delta R.T. 0.001 min
Lab File: BG051091.D
Acq: 17 Nov 2021 14:15

Tgt Ion:244 Resp: 434118
Ion Ratio Lower Upper
244 100
212 7.9 6.9 10.3
122 9.6 5.0 7.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.315 min Scan# 31
Delta R.T. 0.012 min
Lab File: BG051091.D
Acq: 17 Nov 2021 14:15

Instrument :
BNA_G
ClientSampleId :
CONCRETE

Tgt Ion:264 Resp: 160614

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	21.5	16.9	25.3

