

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102722\
 Data File : BG055323.D
 Acq On : 27 Oct 2022 14:29
 Operator : CG/JU
 Sample : N5265-03RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-72-11976

Quant Time: Oct 27 15:21:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 24 16:54:05 2022
 Response via : Initial Calibration

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

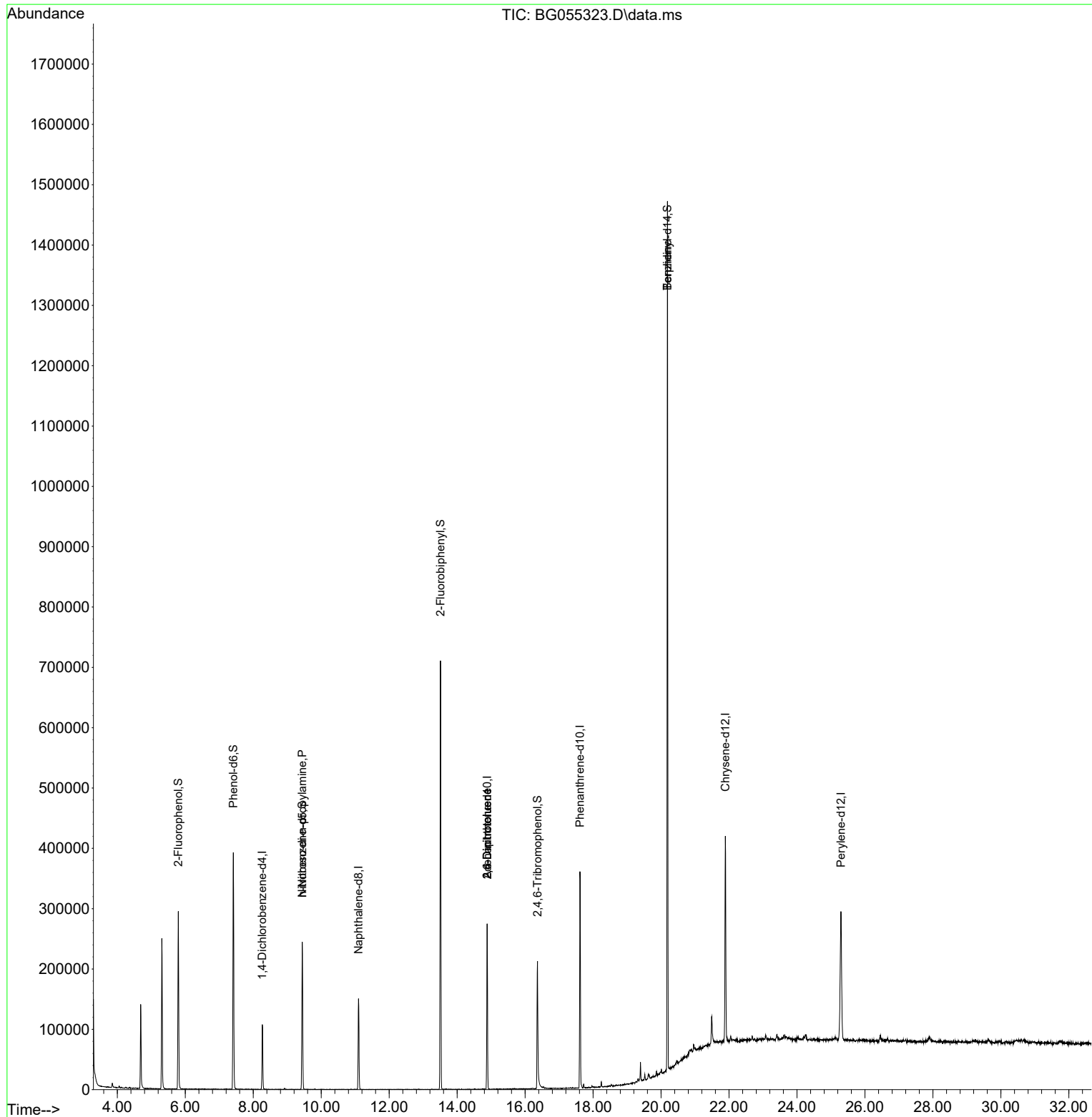
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.266	152	31044	20.000	ng	0.00
21) Naphthalene-d8	11.098	136	130130	20.000	ng	0.00
39) Acenaphthene-d10	14.882	164	94082	20.000	ng	0.00
64) Phenanthrene-d10	17.614	188	228023	20.000	ng	0.00
76) Chrysene-d12	21.891	240	211299	20.000	ng	-0.01
86) Perylene-d12	25.293	264	225143	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.793	112	135526	76.441	ng	0.00
7) Phenol-d6	7.414	99	241664	94.084	ng	0.00
23) Nitrobenzene-d5	9.441	82	154837	60.758	ng	0.00
42) 2,4,6-Tribromophenol	16.363	330	51645	50.496	ng	0.00
45) 2-Fluorobiphenyl	13.507	172	372730	64.844	ng	-0.01
79) Terphenyl-d14	20.188	244	701150	68.944	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.441	70	20616	9.665	ng	# 79
51) 2,6-Dinitrotoluene	14.882	165	12473	8.298	ng	# 19
57) 2,4-Dinitrotoluene	14.882	165	12473	5.718	ng	# 18
77) Benzidine	20.188	184	10558	2.064	ng	# 85

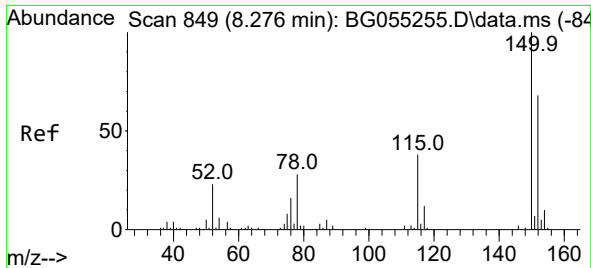
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102722\
Data File : BG055323.D
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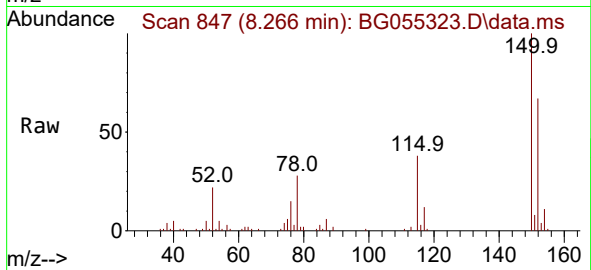
Quant Time: Oct 27 15:21:07 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 24 16:54:05 2022
Response via : Initial Calibration



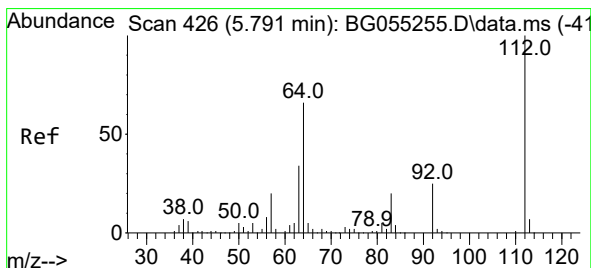
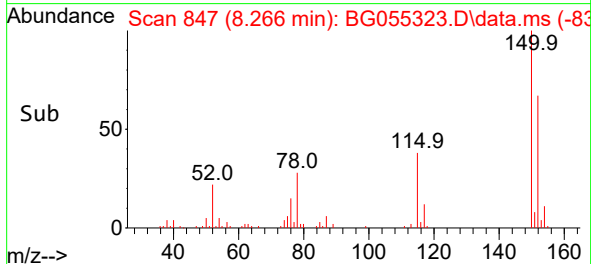
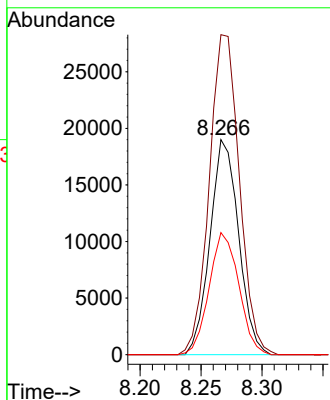


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.266 min Scan# 84
Delta R.T. -0.010 min
Lab File: BG055323.D
Acq: 27 Oct 2022 14:29

Instrument :
BNA_G
ClientSampleId :
CONCRETE-72-11976

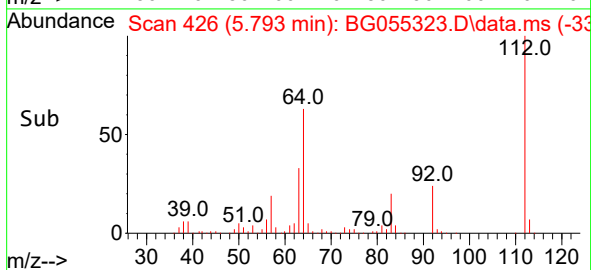
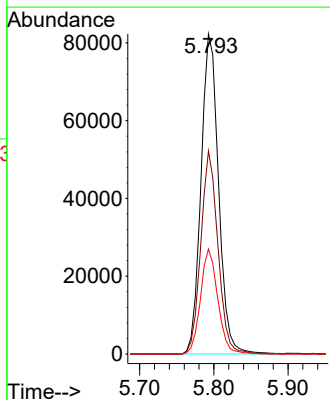
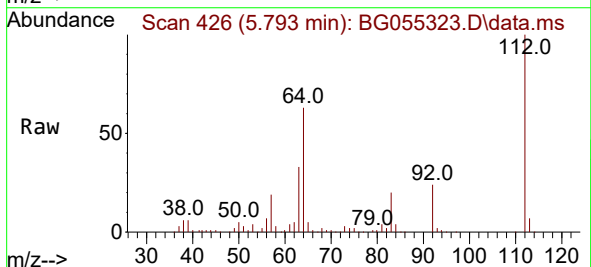


Tgt Ion:152 Resp: 31044
Ion Ratio Lower Upper
152 100
150 148.8 118.2 177.4
115 56.7 44.5 66.7



#5
2-Fluorophenol
Concen: 76.441 ng
RT: 5.793 min Scan# 426
Delta R.T. 0.002 min
Lab File: BG055323.D
Acq: 27 Oct 2022 14:29

Tgt Ion:112 Resp: 135526
Ion Ratio Lower Upper
112 100
64 63.4 52.6 78.8
63 32.8 27.1 40.7

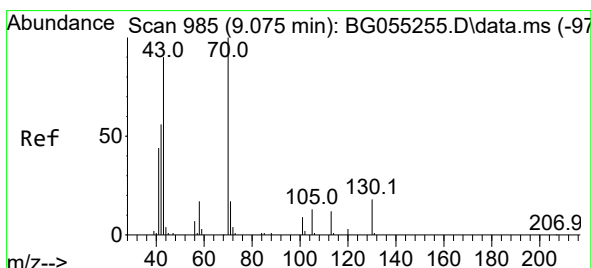
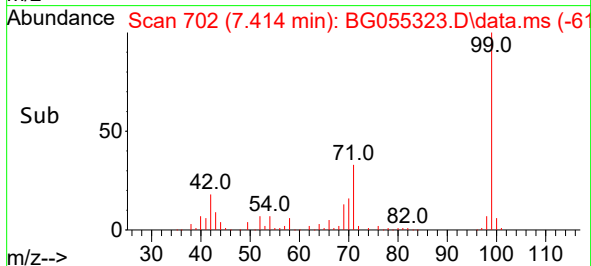
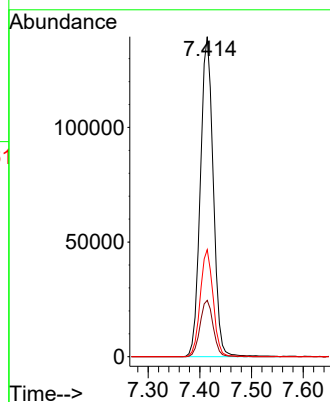
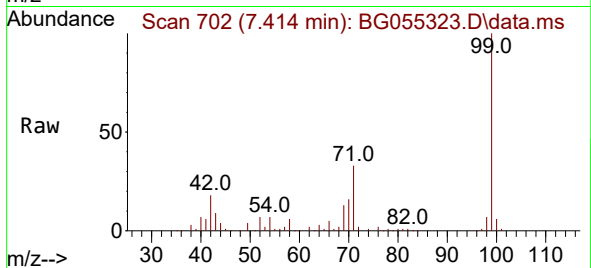




#7
Phenol-d6
Concen: 94.084 ng
RT: 7.414 min Scan# 702
Delta R.T. 0.002 min
Lab File: BG055323.D
Acq: 27 Oct 2022 14:29

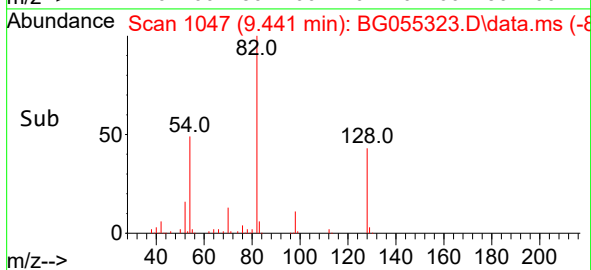
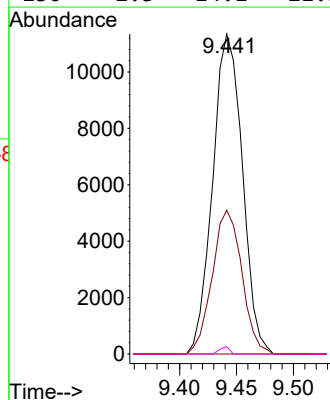
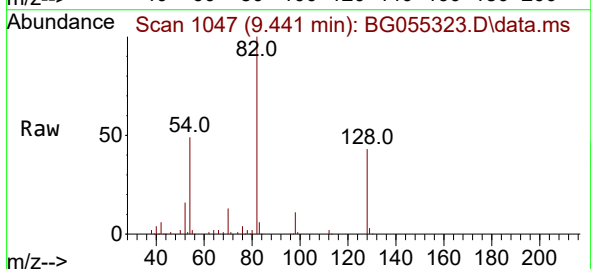
Instrument :
BNA_G
ClientSampleId :
CONCRETE-72-11976

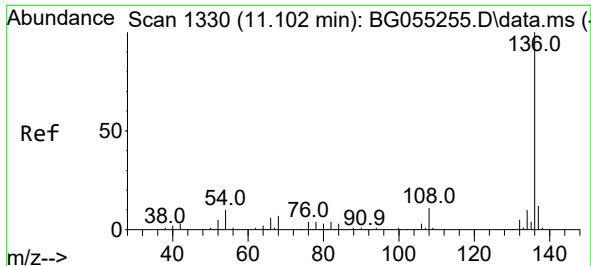
Tgt Ion: 99 Resp: 241664
Ion Ratio Lower Upper
99 100
42 17.6 15.2 22.8
71 33.4 26.2 39.4



#19
n-Nitroso-di-n-propylamine
Concen: 9.665 ng
RT: 9.441 min Scan# 1047
Delta R.T. 0.366 min
Lab File: BG055323.D
Acq: 27 Oct 2022 14:29

Tgt Ion: 70 Resp: 20616
Ion Ratio Lower Upper
70 100
42 44.9 45.8 68.6#
101 0.0 7.4 11.0#
130 2.3 14.1 21.1#

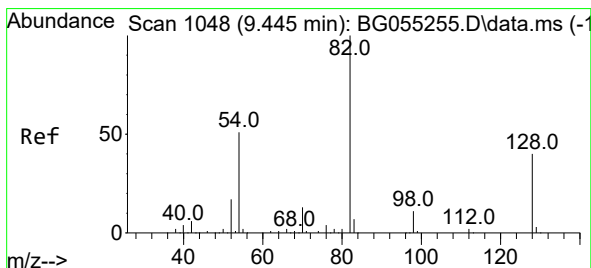
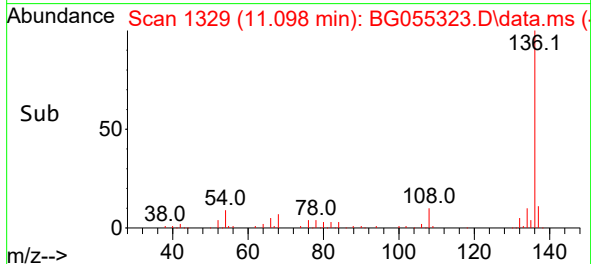
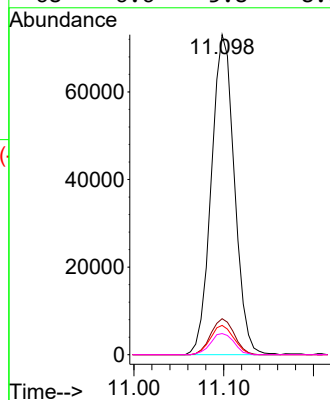
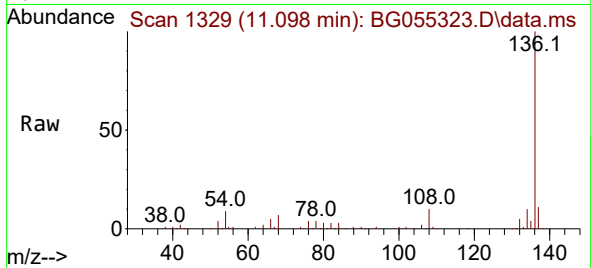




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.098 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG055323.D
Acq: 27 Oct 2022 14:29

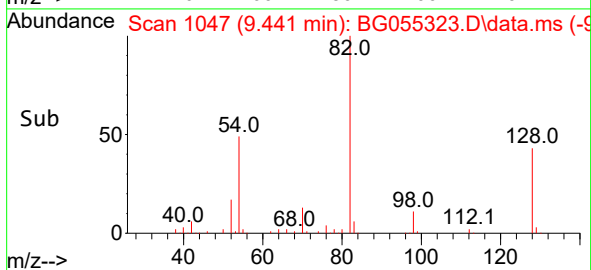
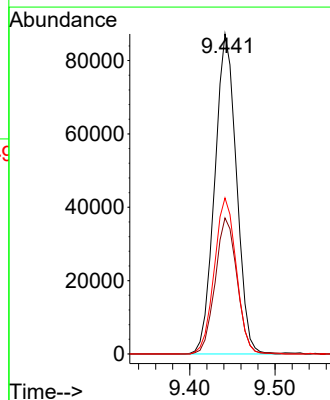
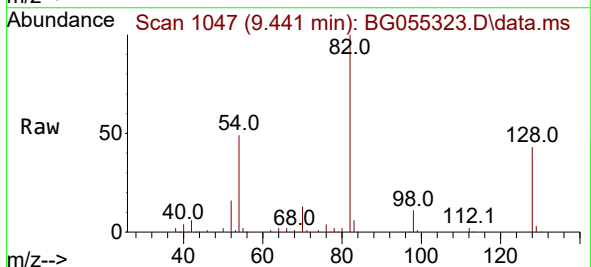
Instrument :
BNA_G
ClientSampleId :
CONCRETE-72-11976

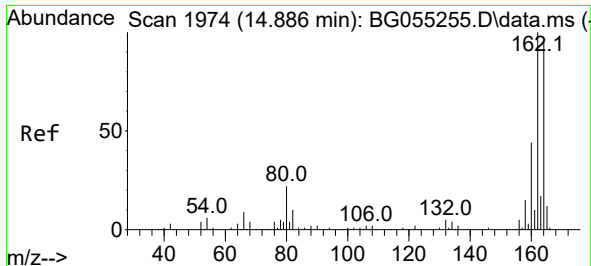
Tgt Ion:136 Resp: 130130
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 9.2 7.8 11.8
68 6.6 5.8 8.6



#23
Nitrobenzene-d5
Concen: 60.758 ng
RT: 9.441 min Scan# 1047
Delta R.T. -0.004 min
Lab File: BG055323.D
Acq: 27 Oct 2022 14:29

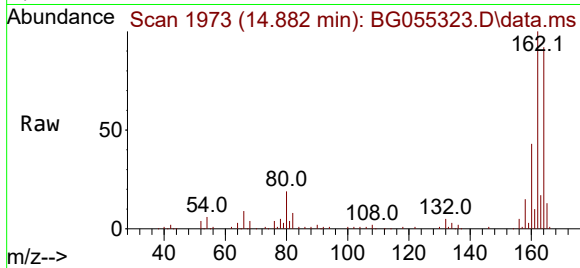
Tgt Ion: 82 Resp: 154837
Ion Ratio Lower Upper
82 100
128 42.5 32.0 48.0
54 48.8 40.9 61.3



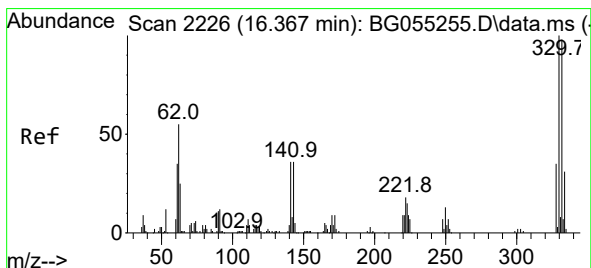
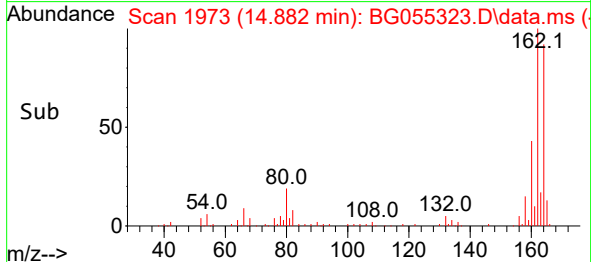
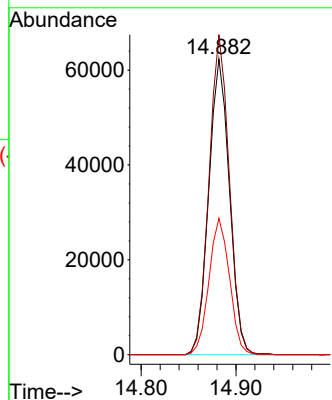


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.882 min Scan# 1973
Delta R.T. -0.004 min
Lab File: BG055323.D
Acq: 27 Oct 2022 14:29

Instrument :
BNA_G
ClientSampleId :
CONCRETE-72-11976

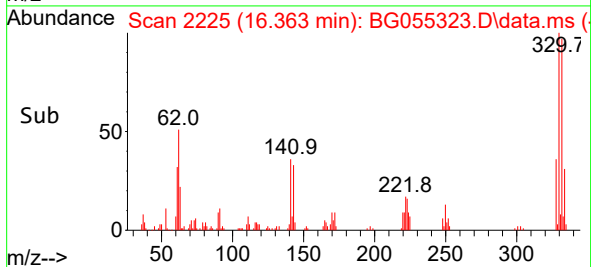
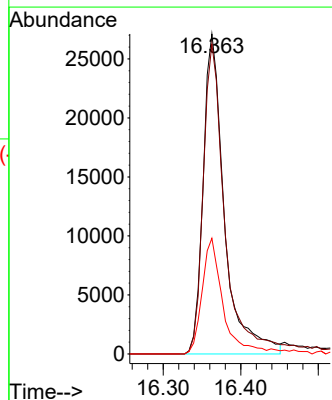
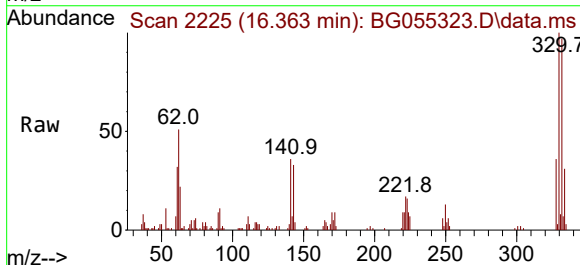


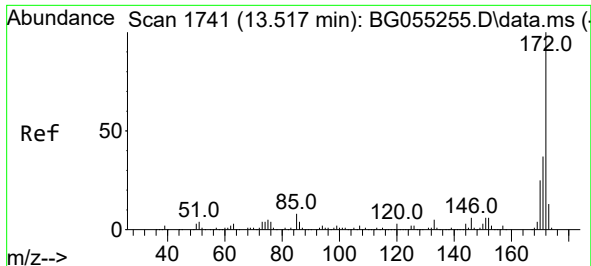
Tgt Ion:164 Resp: 94082
Ion Ratio Lower Upper
164 100
162 108.2 84.0 126.0
160 46.1 36.7 55.1



#42
2,4,6-Tribromophenol
Concen: 50.496 ng
RT: 16.363 min Scan# 2225
Delta R.T. -0.004 min
Lab File: BG055323.D
Acq: 27 Oct 2022 14:29

Tgt Ion:330 Resp: 51645
Ion Ratio Lower Upper
330 100
332 101.4 77.4 116.0
141 36.8 29.8 44.8

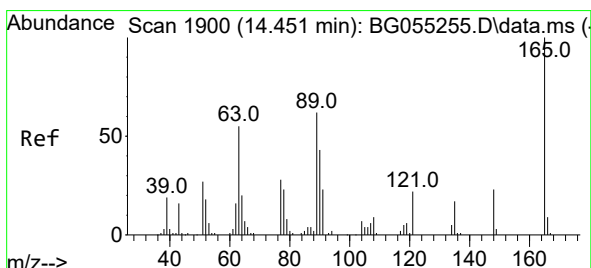
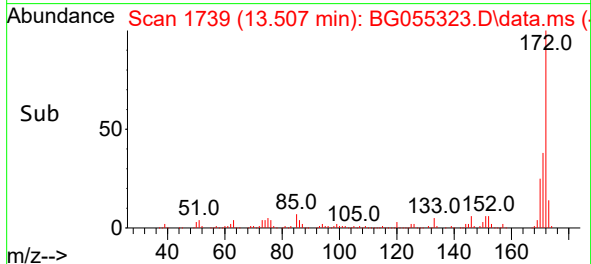
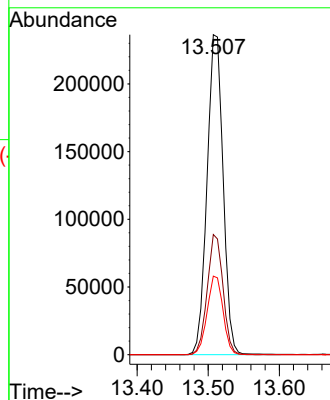
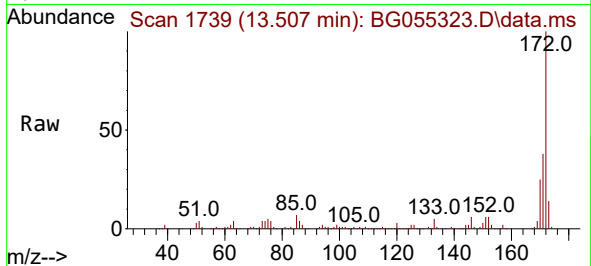




#45
2-Fluorobiphenyl
Concen: 64.844 ng
RT: 13.507 min Scan# 1
Delta R.T. -0.010 min
Lab File: BG055323.D
Acq: 27 Oct 2022 14:29

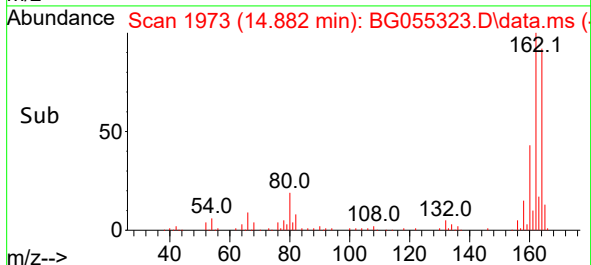
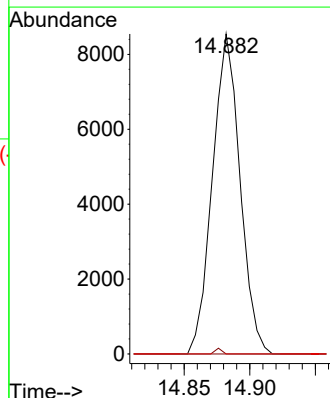
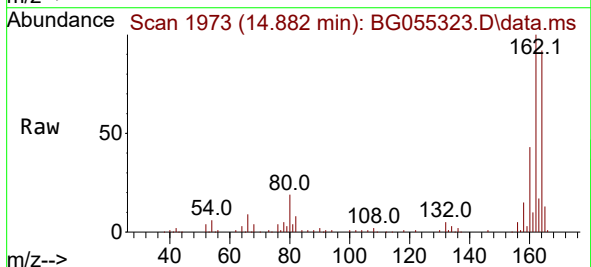
Instrument :
BNA_G
ClientSampleId :
CONCRETE-72-11976

Tgt Ion:172 Resp: 372730
Ion Ratio Lower Upper
172 100
171 37.5 29.7 44.5
170 24.5 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 8.298 ng
RT: 14.882 min Scan# 1973
Delta R.T. 0.431 min
Lab File: BG055323.D
Acq: 27 Oct 2022 14:29

Tgt Ion:165 Resp: 12473
Ion Ratio Lower Upper
165 100
63 0.0 49.2 73.8#
89 0.0 49.9 74.9#





#57

2,4-Dinitrotoluene

Concen: 5.718 ng

RT: 14.882 min Scan# 1973

Delta R.T. -0.351 min

Lab File: BG055323.D

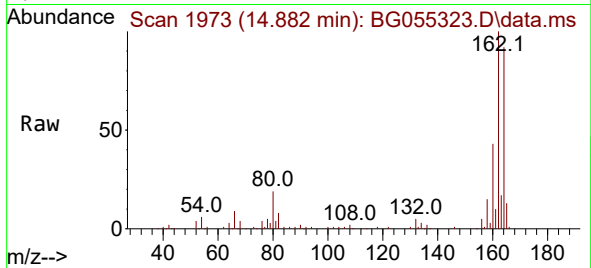
Acq: 27 Oct 2022 14:29

Instrument :

BNA_G

ClientSampleId :

CONCRETE-72-11976



Tgt Ion:165 Resp: 12473

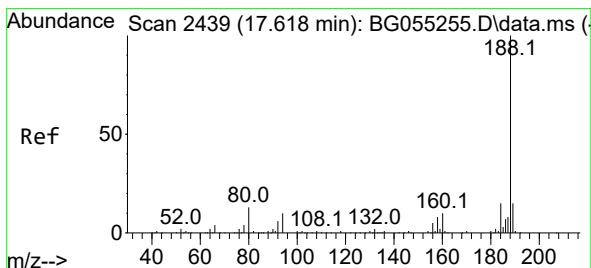
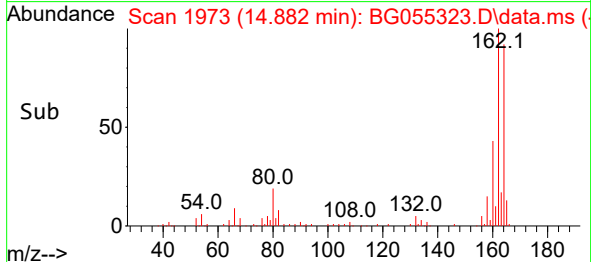
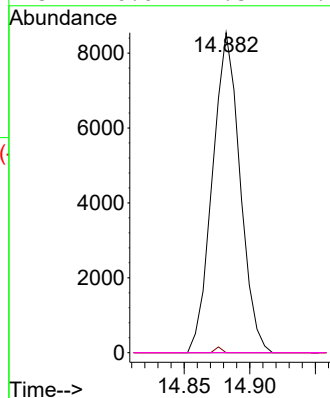
Ion Ratio Lower Upper

165 100

63 0.0 38.9 58.3#

89 0.0 64.2 96.4#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.614 min Scan# 2438

Delta R.T. -0.004 min

Lab File: BG055323.D

Acq: 27 Oct 2022 14:29

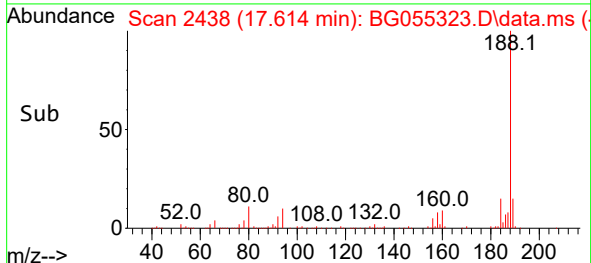
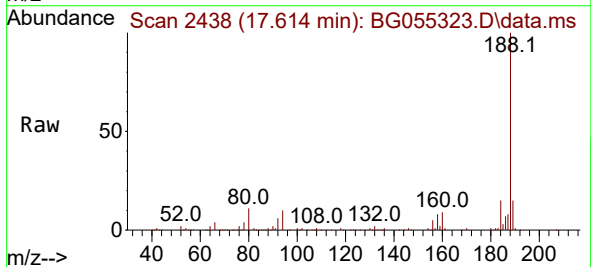
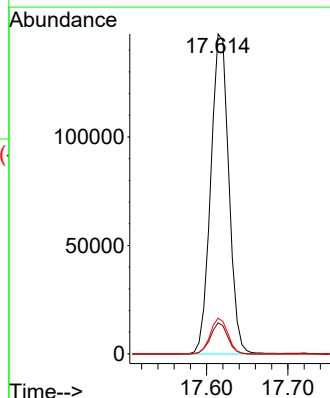
Tgt Ion:188 Resp: 228023

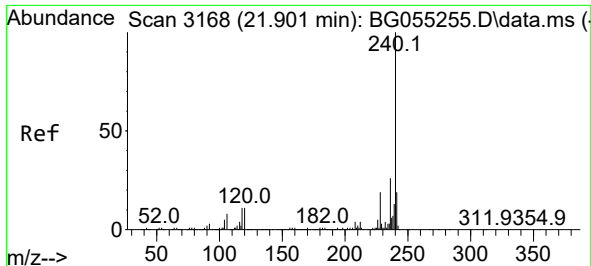
Ion Ratio Lower Upper

188 100

94 9.8 8.2 12.4

80 11.2 10.1 15.1

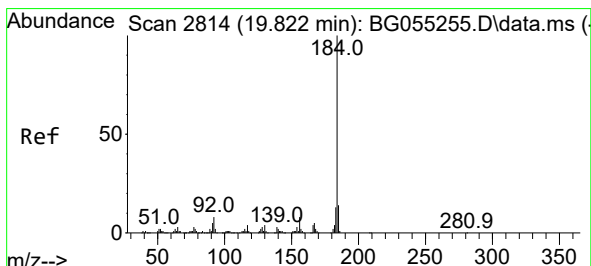
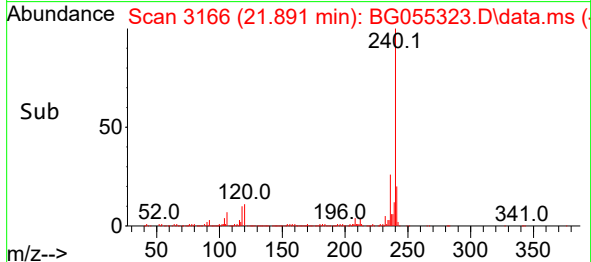
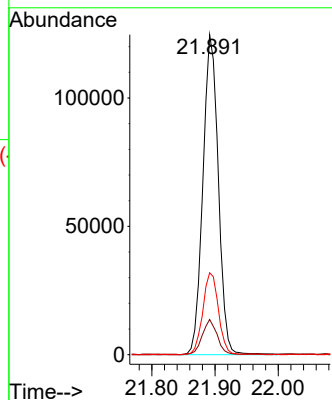
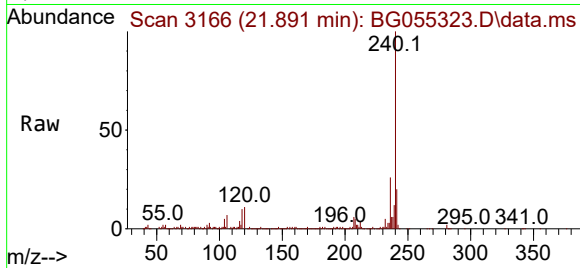




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.891 min Scan# 3166
Delta R.T. -0.010 min
Lab File: BG055323.D
Acq: 27 Oct 2022 14:29

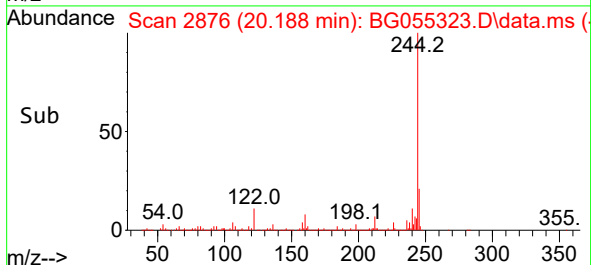
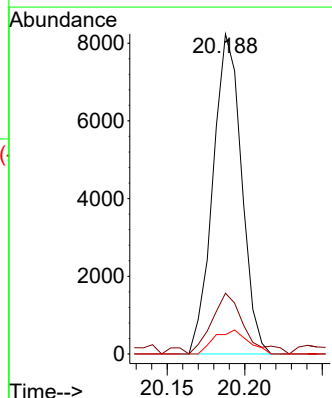
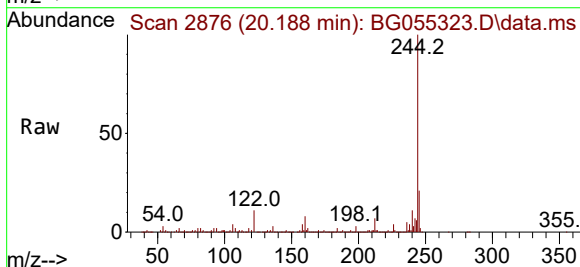
Instrument :
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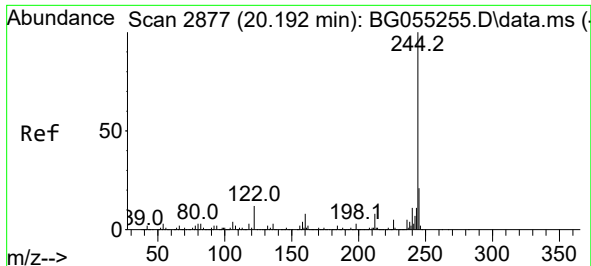
Tgt Ion:240 Resp: 211299
Ion Ratio Lower Upper
240 100
120 11.0 8.9 13.3
236 25.6 21.0 31.4



#77
Benzidine
Concen: 2.064 ng
RT: 20.188 min Scan# 2876
Delta R.T. 0.366 min
Lab File: BG055323.D
Acq: 27 Oct 2022 14:29

Tgt Ion:184 Resp: 10558
Ion Ratio Lower Upper
184 100
185 19.0 11.0 16.6#
183 6.0 10.0 15.0#

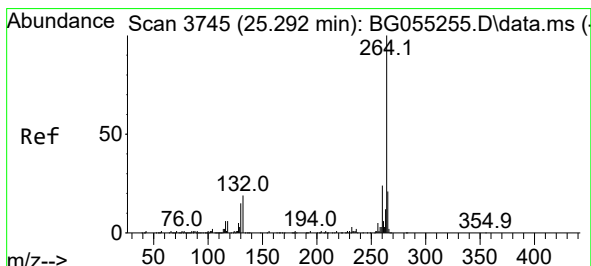
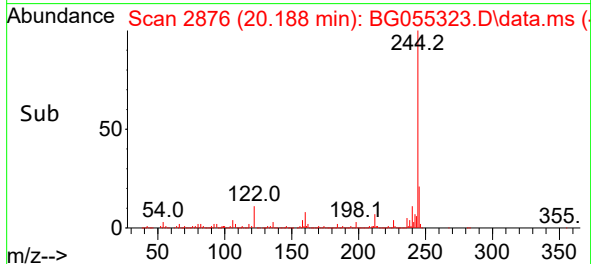
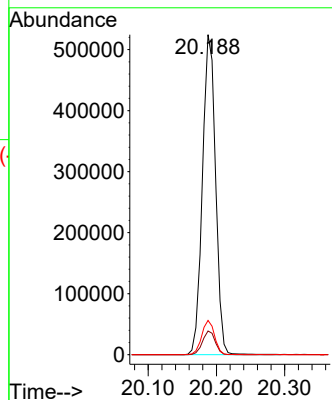
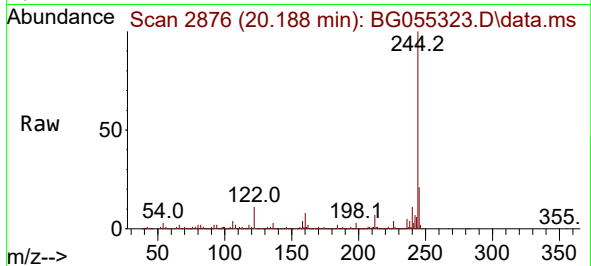




#79
 Terphenyl-d14
 Concen: 68.944 ng
 RT: 20.188 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG055323.D
 Acq: 27 Oct 2022 14:29

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-72-11976

Tgt Ion:244 Resp: 701150
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 10.7 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.293 min Scan# 3745
 Delta R.T. 0.002 min
 Lab File: BG055323.D
 Acq: 27 Oct 2022 14:29

Tgt Ion:264 Resp: 225143
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 22.1 17.4 26.2

