

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121121\
 Data File : BG051486.D
 Acq On : 11 Dec 2021 19:24
 Operator : CG/JU
 Sample : M4965-24
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RED-WALL-CONCRETE-GRAB-2

Quant Time: Dec 11 23:16:11 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 11 23:03:39 2021
 Response via : Initial Calibration

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

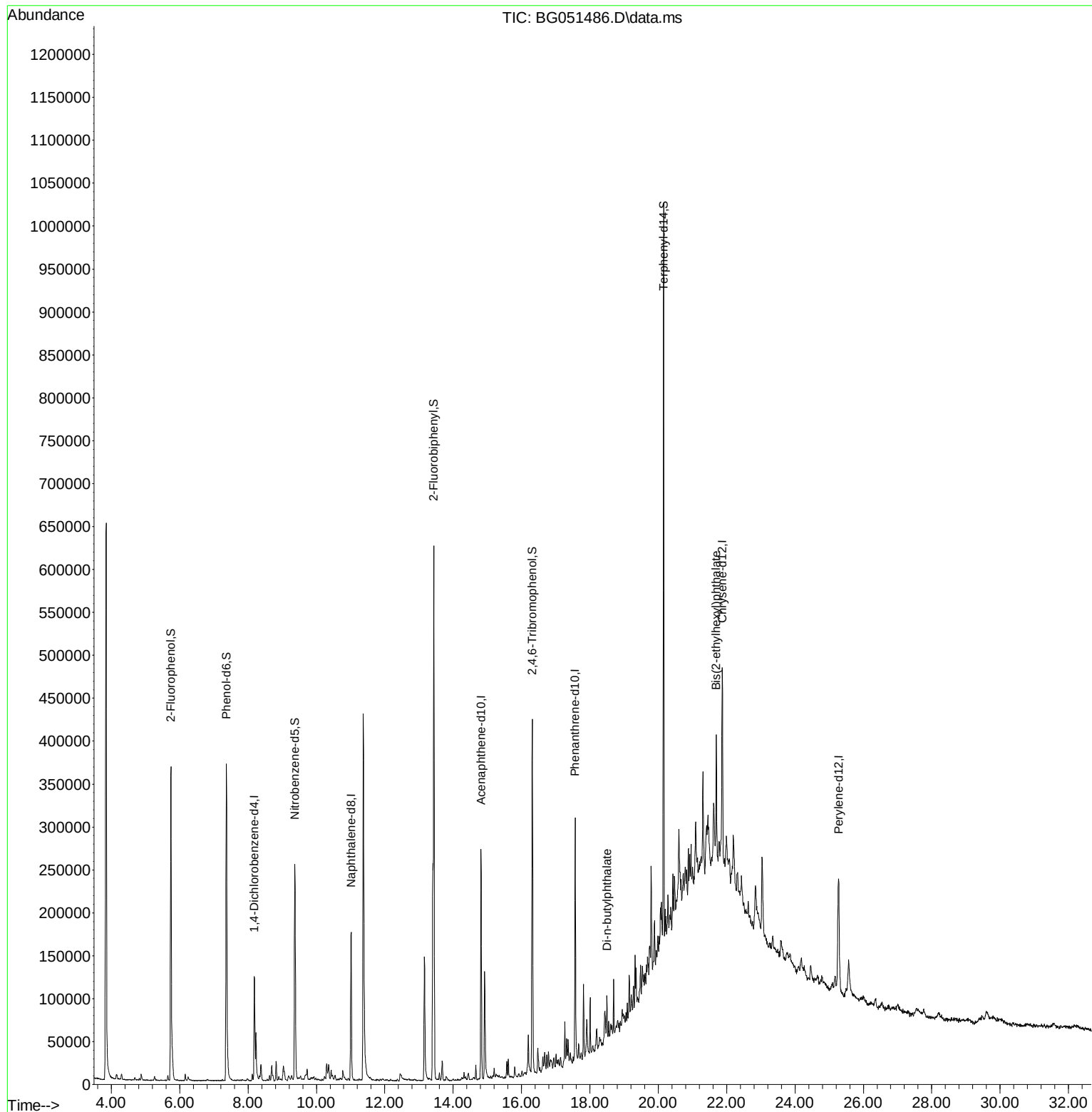
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.182	152	34867	20.00	ng	0.00
21) Naphthalene-d8	11.014	136	149702	20.00	ng	# 0.00
39) Acenaphthene-d10	14.815	164	92019	20.00	ng	0.00
64) Phenanthrene-d10	17.565	188	175557	20.00	ng	# 0.00
76) Chrysene-d12	21.872	240	141460	20.00	ng	# 0.00
86) Perylene-d12	25.274	264	146331	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.744	112	179806	79.72	ng	0.00
7) Phenol-d6	7.365	99	239633	75.43	ng	0.00
23) Nitrobenzene-d5	9.369	82	173341	52.86	ng	0.00
42) 2,4,6-Tribromophenol	16.314	330	55536	56.78	ng	0.00
45) 2-Fluorobiphenyl	13.435	172	311274	51.04	ng	0.00
79) Terphenyl-d14	20.156	244	385403	49.81	ng	0.00
Target Compounds						
74) Di-n-butylphthalate	18.493	149	32584	2.92	ng	# 95
84) Bis(2-ethylhexyl)phtha...	21.696	149	52076	8.55	ng	100

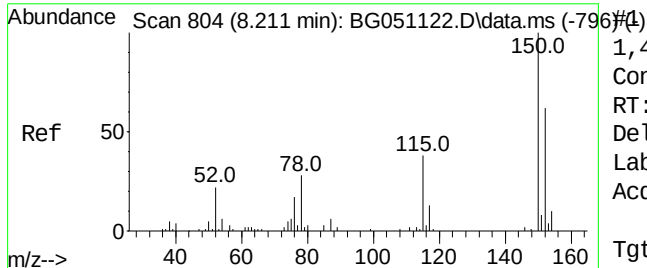
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.182 min Scan#

Delta R.T. -0.002 min

Lab File: BG051486.D

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BNA_G

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RED-WALL-CONCRETE-GRAB-2

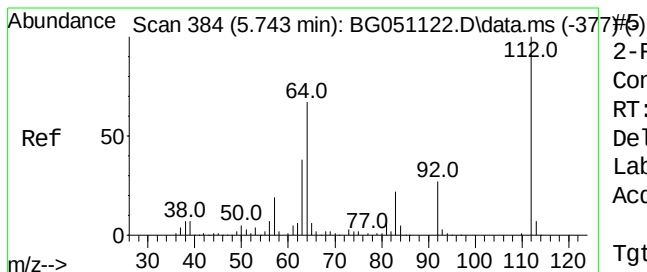
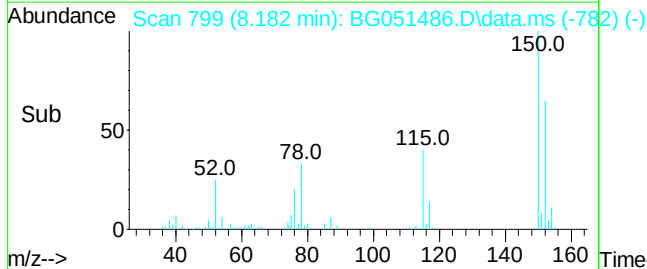
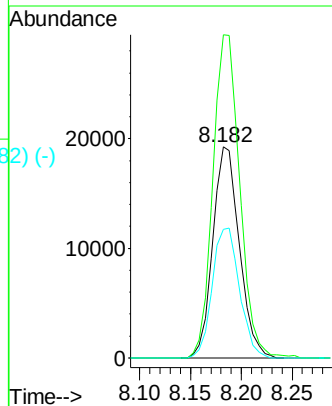
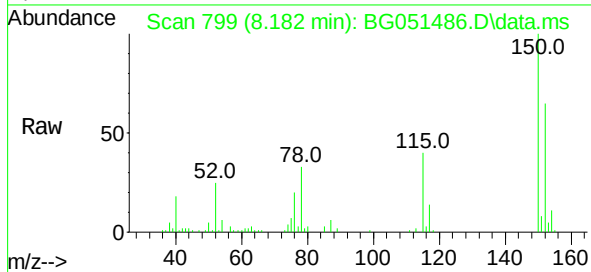
Tgt Ion:152 Resp: 34867

Ion Ratio Lower Upper

152 100

150 153.2 119.4 179.0

115 60.9 60.2 90.4



2-Fluorophenol

Concen: 79.72 ng

RT: 5.744 min Scan# 384

Delta R.T. 0.004 min

Lab File: BG051486.D

Acq: 11 Dec 2021 19:24

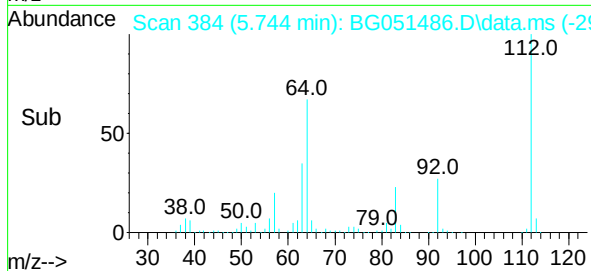
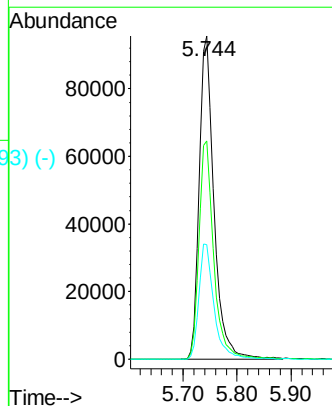
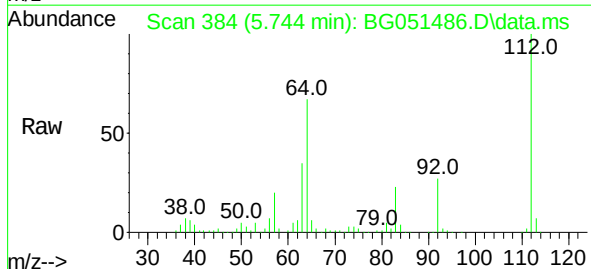
Tgt Ion:112 Resp: 179806

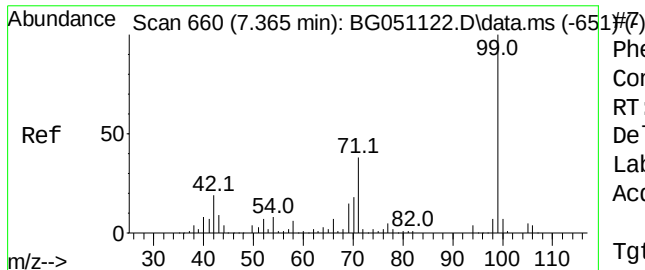
Ion Ratio Lower Upper

112 100

64 67.4 46.7 70.1

63 35.5 35.3 52.9





Phenol-d6

Concen: 75.43 ng

RT: 7.365 min Scan#

Delta R.T. 0.004 min

Lab File: BG051486.D

Acq: 11 Dec 2021 19:24

Instrument :

BNA_G

ClientSampleId :

RED-WALL-CONCRETE-GRAB-2

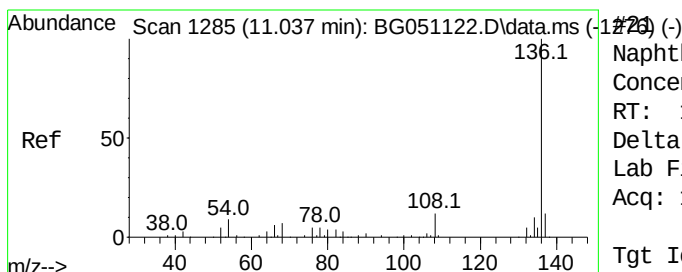
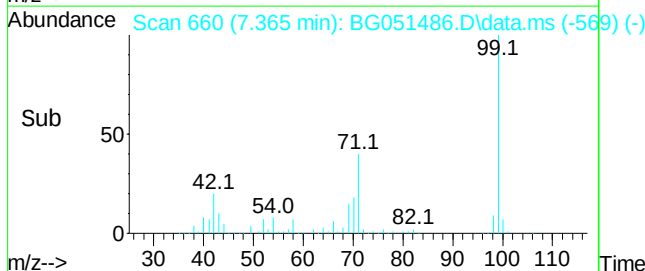
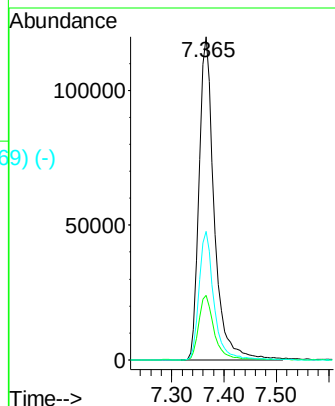
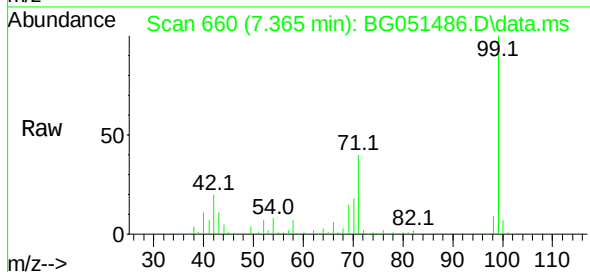
Tgt Ion: 99 Resp: 239633

Ion Ratio Lower Upper

99 100

42 20.0 20.5 30.7#

71 39.8 41.5 62.3#



Naphthalene-d8

Concen: 20.00 ng

RT: 11.014 min Scan# 1281

Delta R.T. 0.004 min

Lab File: BG051486.D

Acq: 11 Dec 2021 19:24

Tgt Ion: 136 Resp: 149702

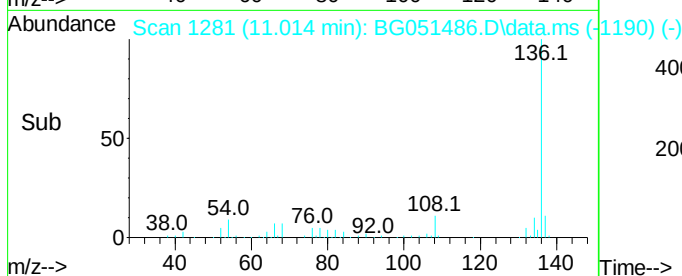
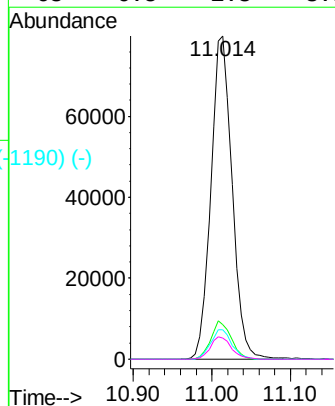
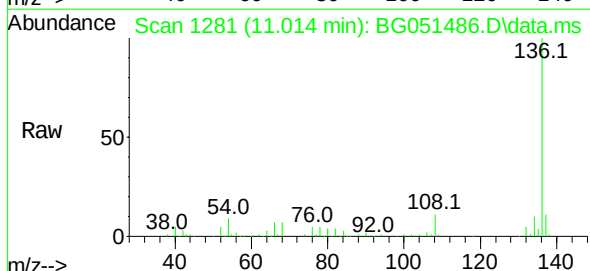
Ion Ratio Lower Upper

136 100

137 10.6 8.2 12.2

54 9.2 5.5 8.3#

68 6.5 2.3 3.5#



Abundance Scan 1004 (9.386 min): BG051122.D\data.ms (-99623)

Nitrobenzene-d5

Concen: 52.86 ng

RT: 9.369 min Scan# 1928

Delta R.T. -0.002 min

Lab File: BG051486.D

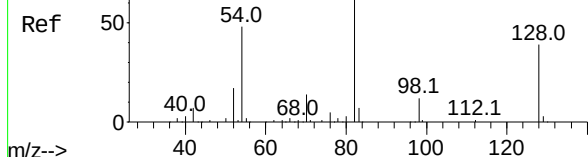
Acq: 11 Dec 2021 19:24

Instrument :

BNA_G

ClientSampleId :

RED-WALL-CONCRETE-GRAB-2



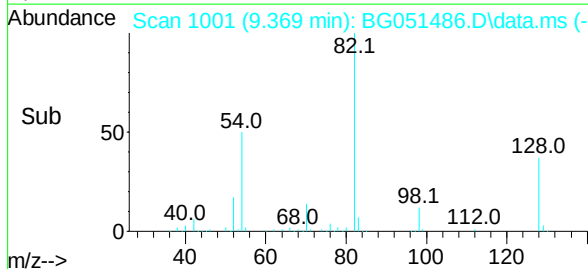
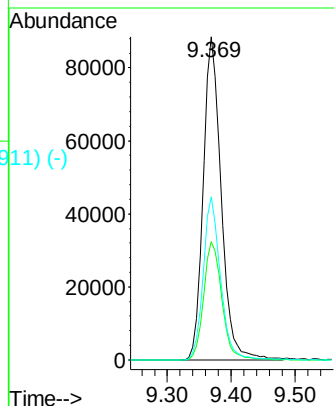
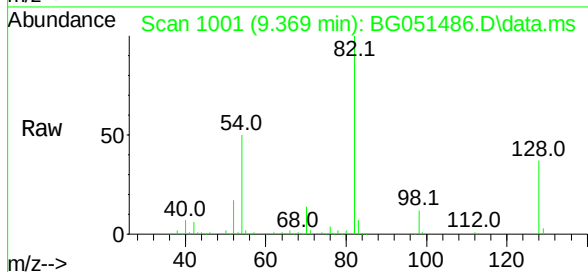
Tgt Ion: 82 Resp: 173341

Ion Ratio Lower Upper

82 100

128 36.7 29.8 44.6

54 50.4 45.8 68.8



Abundance Scan 1932 (14.838 min): BG051122.D\data.ms (-1928)

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.815 min Scan# 1928

Delta R.T. -0.002 min

Lab File: BG051486.D

Acq: 11 Dec 2021 19:24

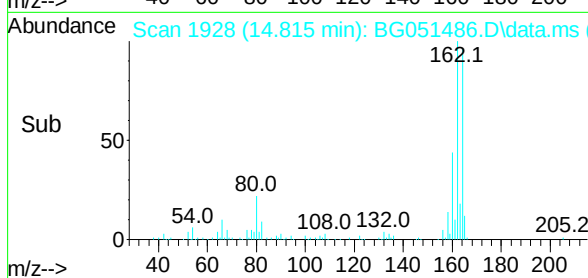
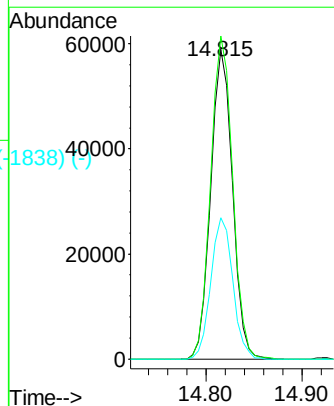
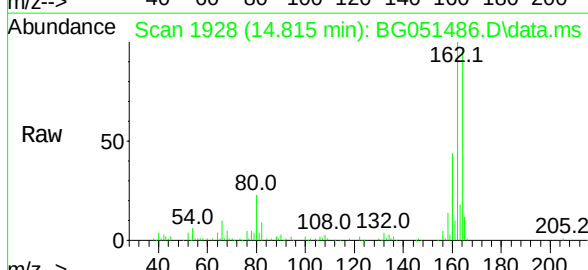
Tgt Ion:164 Resp: 92019

Ion Ratio Lower Upper

164 100

162 104.4 81.4 122.0

160 45.7 34.9 52.3



Abundance Scan 2186 (16.331 min): BG051122.D\data.ms (-2174) (-)

2,4,6-Tribromophenol

Concen: 56.78 ng

RT: 16.314 min Scan# 2186

Delta R.T. -0.002 min

Lab File: BG051486.D

Acq: 11 Dec 2021 19:24

Instrument :

BNA_G

ClientSampleId :

RED-WALL-CONCRETE-GRAB-2

Tgt Ion:330 Resp: 55536

Ion Ratio Lower Upper

330 100

332 96.3 77.3 115.9

141 51.2 35.6 53.4

Abundance Scan 2183 (16.314 min): BG051486.D\data.ms

Ref 50

62.0 140.9 221.9 329.8

m/z-->

Abundance Scan 2183 (16.314 min): BG051486.D\data.ms

Raw 50

62.0 110.9 164.9 221.9 329.8

m/z-->

Abundance Scan 2183 (16.314 min): BG051486.D\data.ms (-2093) (-)

Sub 50

62.0 110.9 164.9 221.9 329.8

m/z-->

Abundance

16.314

30000

20000

10000

0

Time-->

Abundance Scan 1697 (13.458 min): BG051122.D\data.ms (-1695) (-)

2-Fluorobiphenyl

Concen: 51.04 ng

RT: 13.435 min Scan# 1693

Delta R.T. -0.002 min

Lab File: BG051486.D

Acq: 11 Dec 2021 19:24

Tgt Ion:172 Resp: 311274

Ion Ratio Lower Upper

172 100

171 36.9 28.6 43.0

170 25.2 18.6 27.8

Abundance Scan 1693 (13.435 min): BG051486.D\data.ms

Ref 50

39.0 63.0 85.0 120.0 151.0 172.1

m/z-->

Abundance Scan 1693 (13.435 min): BG051486.D\data.ms

Raw 50

50.0 85.0 120.0 146.0 172.1

m/z-->

Abundance Scan 1693 (13.435 min): BG051486.D\data.ms (-1603) (-)

Sub 50

39.0 63.0 85.0 120.0 146.0 172.1

m/z-->

Abundance

13.435

150000

100000

50000

0

Time-->

Abundance Scan 2400 (17.588 min): BG051122.D\data.ms (-2362) (-)

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.565 min Scan# 2396

Delta R.T. -0.008 min

Lab File: BG051486.D

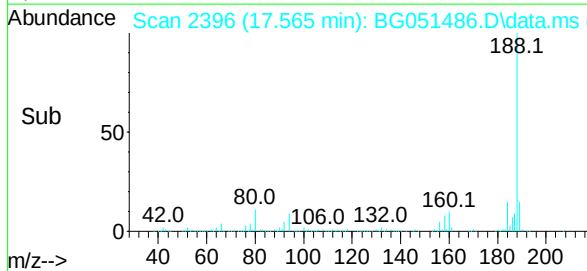
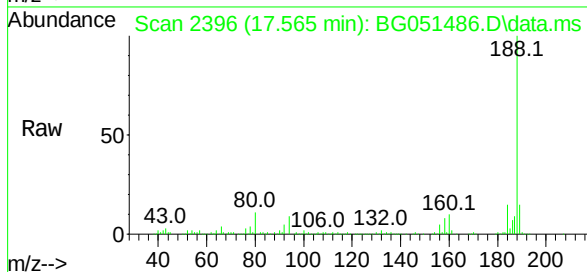
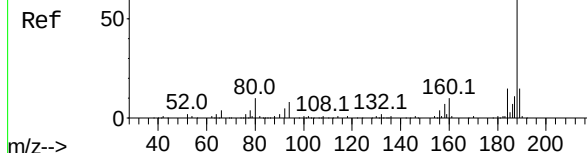
Acq: 11 Dec 2021 19:24

Instrument :

BNA_G

ClientSampleId :

RED-WALL-CONCRETE-GRAB-2



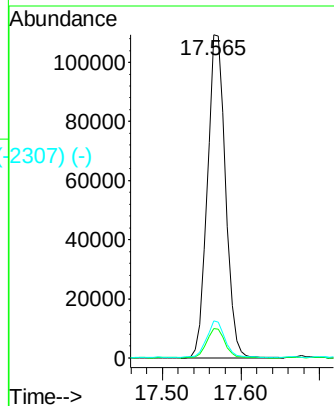
Tgt Ion:188 Resp: 175557

Ion Ratio Lower Upper

188 100

94 9.0 5.4 8.0#

80 11.4 3.7 5.5#



Abundance Scan 2558 (18.517 min): BG051122.D\data.ms (-2571) (-)

Di-n-butylphthalate

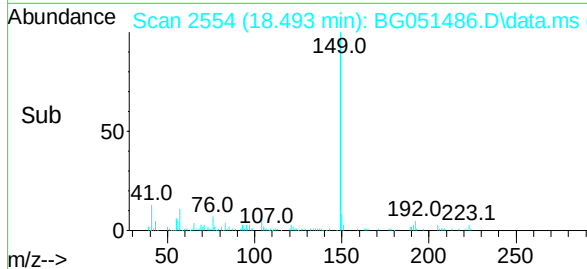
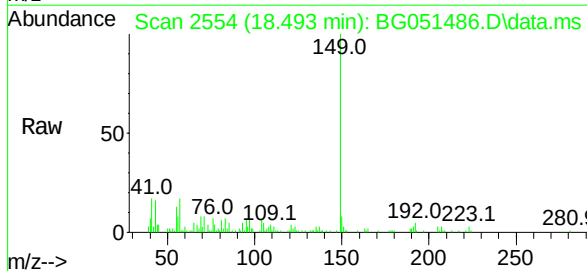
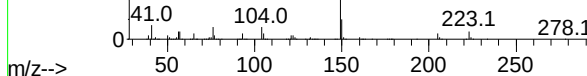
Concen: 2.92 ng

RT: 18.493 min Scan# 2554

Delta R.T. -0.008 min

Lab File: BG051486.D

Acq: 11 Dec 2021 19:24



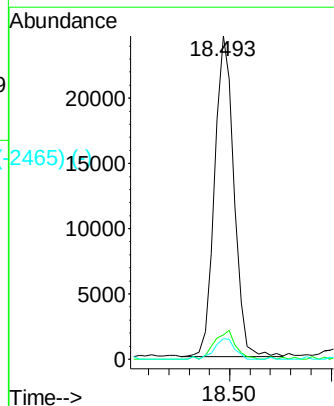
Tgt Ion:149 Resp: 32584

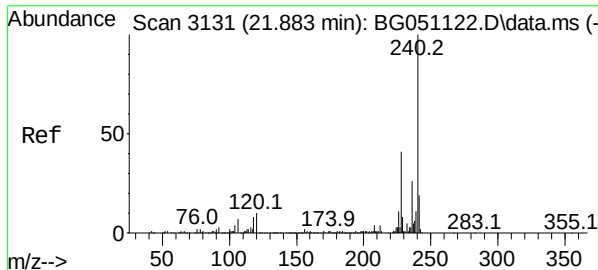
Ion Ratio Lower Upper

149 100

150 7.6 7.5 11.3

104 6.3 6.6 10.0#

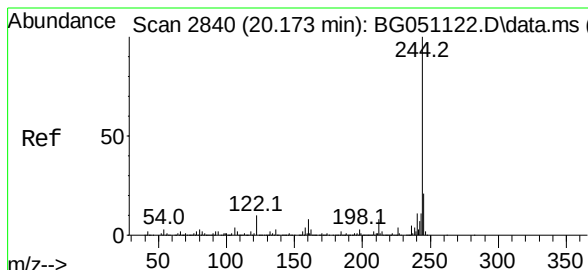
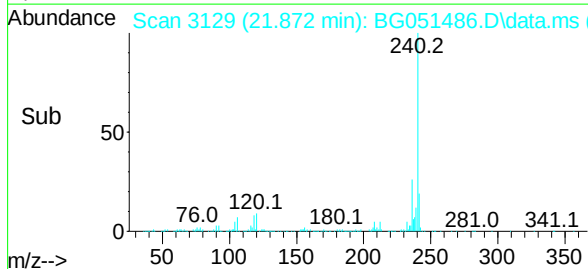
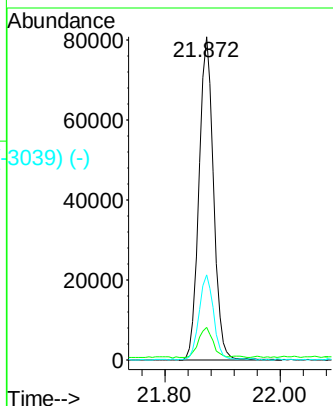
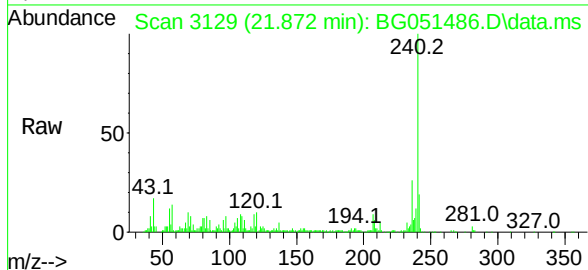




Chrysene-d12
 Concen: 20.00 ng
 RT: 21.872 min Scan# 3129
 Delta R.T. -0.002 min
 Lab File: BG051486.D
 Acq: 11 Dec 2021 19:24

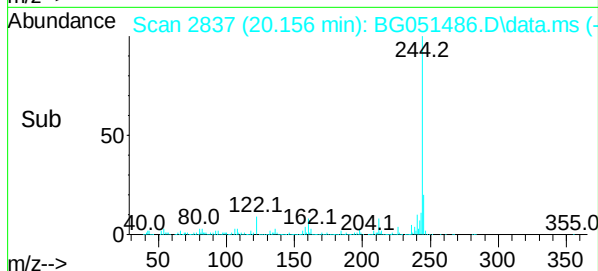
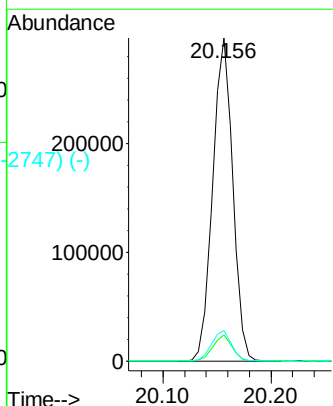
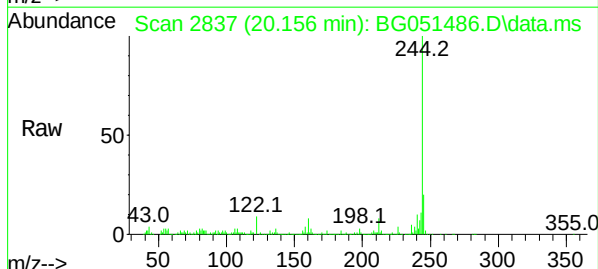
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Tgt Ion:	240	Resp:	141460
Ion	Ratio	Lower	Upper
240	100		
120	10.0	4.2	6.2#
236	26.3	21.8	32.6



Terphenyl-d14
 Concen: 49.81 ng
 RT: 20.156 min Scan# 2837
 Delta R.T. -0.002 min
 Lab File: BG051486.D
 Acq: 11 Dec 2021 19:24

Tgt Ion:	244	Resp:	385403
Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.9	10.3
122	9.4	5.0	7.6#



Abundance Scan 3104 (21.725 min): BG051122.D\data.ms (-3695) (-)

Bis(2-ethylhexyl)phthalate

Concen: 8.55 ng

RT: 21.696 min Scan# 3099

Delta R.T. -0.008 min

Lab File: BG051486.D

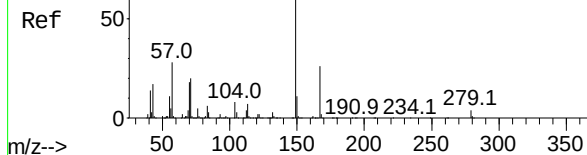
Acq: 11 Dec 2021 19:24

Instrument :

BNA_G

ClientSampleId :

RED-WALL-CONCRETE-GRAB-2



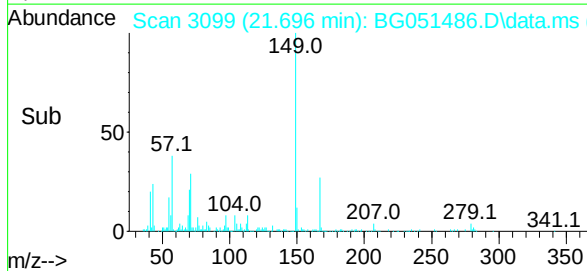
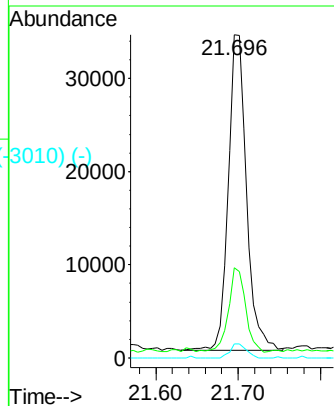
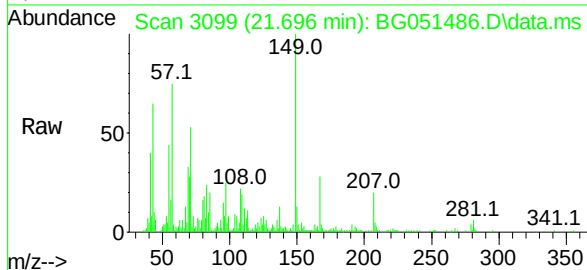
Tgt Ion:149 Resp: 52076

Ion Ratio Lower Upper

149 100

167 27.8 22.3 33.5

279 4.3 3.8 5.8



Abundance Scan 3709 (25.279 min): BG051122.D\data.ms (-3696) (-)

Perylene-d12

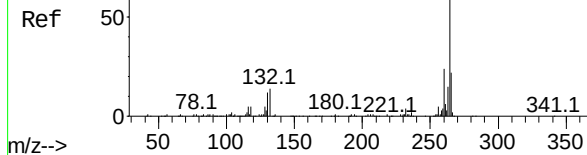
Concen: 20.00 ng

RT: 25.274 min Scan# 3708

Delta R.T. -0.002 min

Lab File: BG051486.D

Acq: 11 Dec 2021 19:24



Tgt Ion:264 Resp: 146331

Ion Ratio Lower Upper

264 100

260 25.3 19.4 29.2

265 22.5 16.9 25.3

