

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121121\
 Data File : BG051487.D
 Acq On : 11 Dec 2021 20:06
 Operator : CG/JU
 Sample : M4965-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RED-CONCRETE-GRAB-1

Quant Time: Dec 11 23:17:49 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	31015	20.00	ng	0.00
21) Naphthalene-d8	11.008	136	134169	20.00	ng	# 0.00
39) Acenaphthene-d10	14.816	164	83930	20.00	ng	0.00
64) Phenanthrene-d10	17.571	188	176000	20.00	ng	# 0.00
76) Chrysene-d12	21.872	240	154021	20.00	ng	# 0.00
86) Perylene-d12	25.268	264	149991	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.744	112	213632	106.48	ng	0.00
7) Phenol-d6	7.365	99	284494	100.68	ng	0.00
23) Nitrobenzene-d5	9.369	82	208023	70.78	ng	0.00
42) 2,4,6-Tribromophenol	16.314	330	77062	86.39	ng	0.00
45) 2-Fluorobiphenyl	13.435	172	382016	68.68	ng	0.00
79) Terphenyl-d14	20.156	244	536077	63.63	ng	0.00

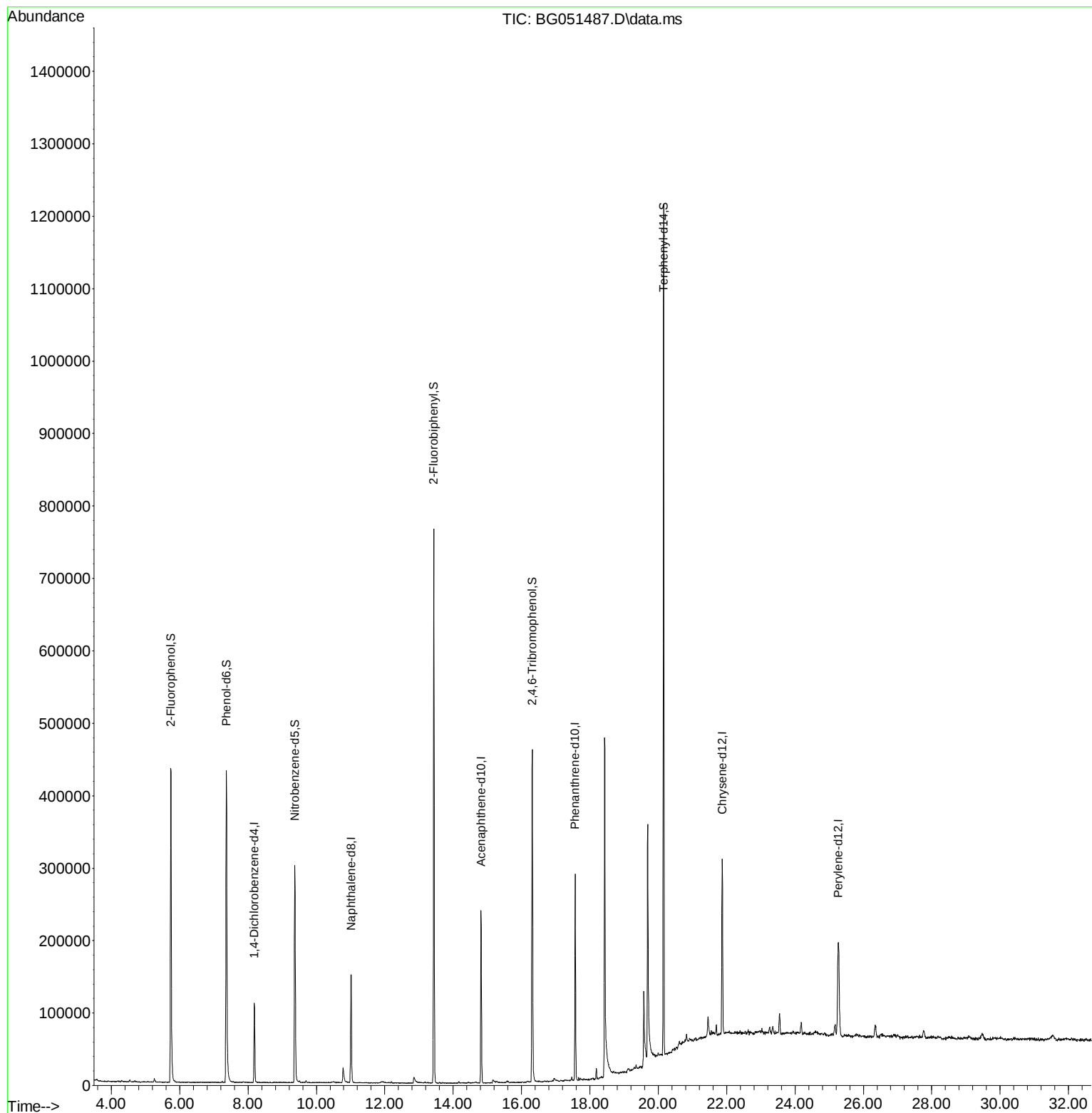
Target Compounds Qvalue

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

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Abundance Scan 804 (8.211 min): BG051122.D\data.ms (-796) #4

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.182 min Scan#

Delta R.T. -0.002 min

Lab File: BG051487.D

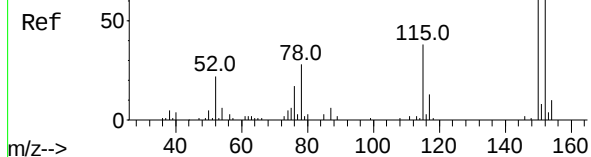
Acq: 11 Dec 2021 20:06

Instrument :

BNA_G

ClientSampleId :

RED-CONCRETE-GRAB-1



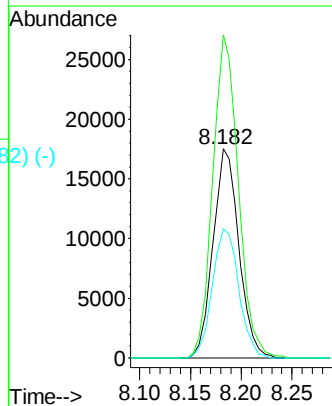
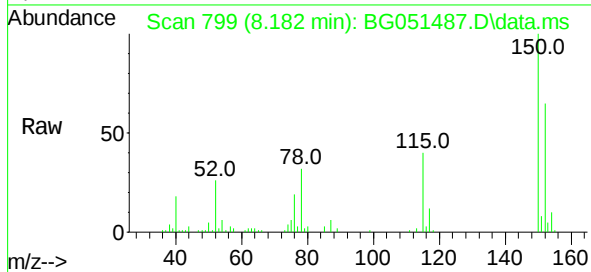
Tgt Ion:152 Resp: 31015

Ion Ratio Lower Upper

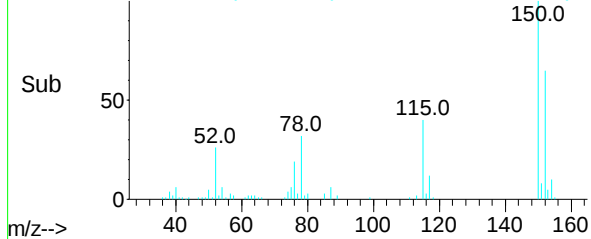
152 100

150 154.2 119.4 179.0

115 61.7 60.2 90.4



Abundance Scan 799 (8.182 min): BG051487.D\data.ms (-782) (-)



Abundance Scan 384 (5.743 min): BG051122.D\data.ms (-377) #5

2-Fluorophenol

Concen: 106.48 ng

RT: 5.744 min Scan# 384

Delta R.T. 0.004 min

Lab File: BG051487.D

Acq: 11 Dec 2021 20:06

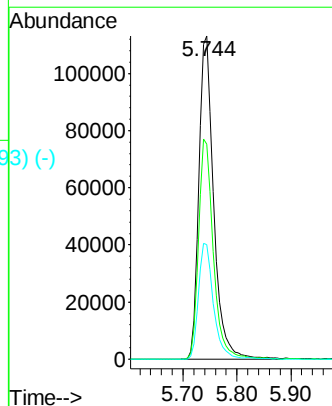
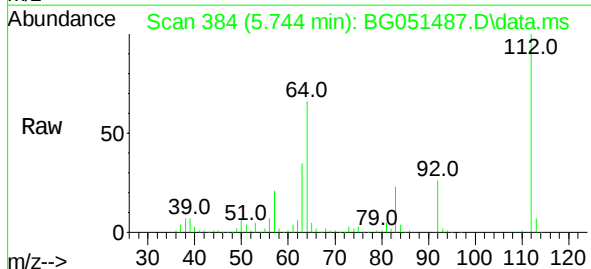
Tgt Ion:112 Resp: 213632

Ion Ratio Lower Upper

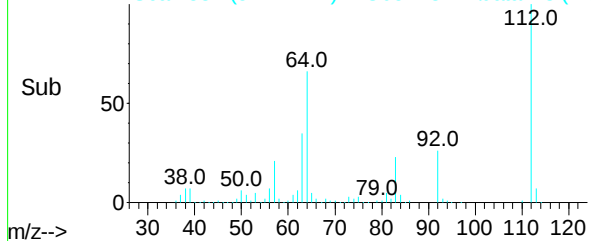
112 100

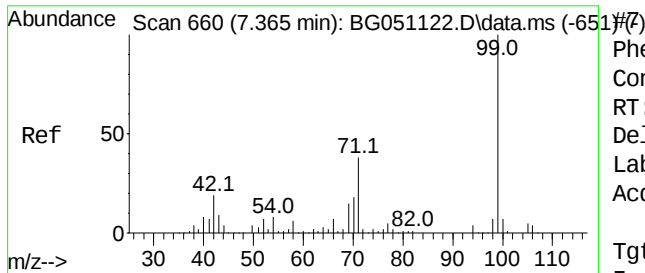
64 66.5 46.7 70.1

63 35.4 35.3 52.9



Abundance Scan 384 (5.744 min): BG051487.D\data.ms (-293) (-)





Phenol-d6

Concen: 100.68 ng

RT: 7.365 min Scan#

Delta R.T. 0.004 min

Lab File: BG051487.D

Acq: 11 Dec 2021 20:06

Instrument :

BNA_G

ClientSampleId :

RED-CONCRETE-GRAB-1

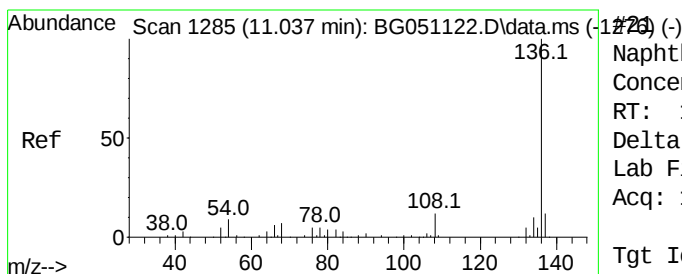
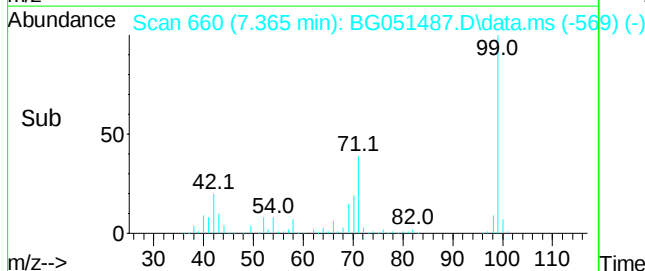
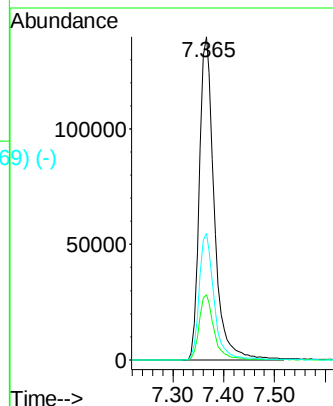
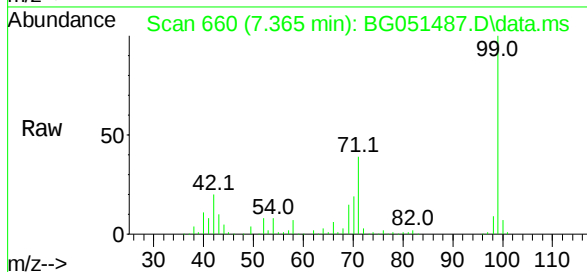
Tgt Ion: 99 Resp: 284494

Ion Ratio Lower Upper

99 100

42 20.1 20.5 30.7#

71 39.3 41.5 62.3#



Naphthalene-d8

Concen: 20.00 ng

RT: 11.008 min Scan# 1280

Delta R.T. -0.002 min

Lab File: BG051487.D

Acq: 11 Dec 2021 20:06

Tgt Ion: 136 Resp: 134169

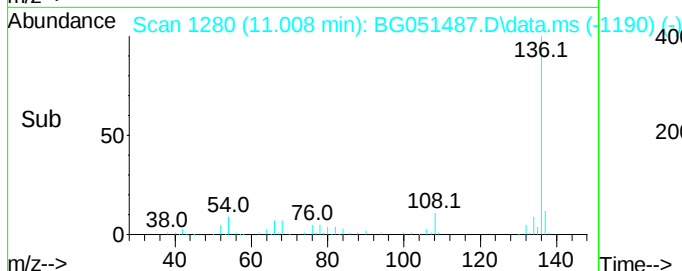
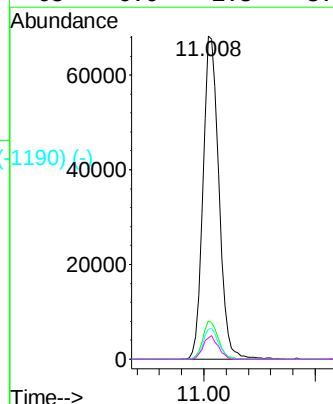
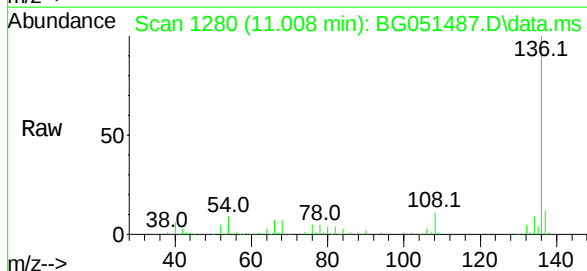
Ion Ratio Lower Upper

136 100

137 11.8 8.2 12.2

54 9.3 5.5 8.3#

68 6.6 2.3 3.5#



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

Nitrobenzene-d5

Concen: 70.78 ng

RT: 9.369 min Scan#

Delta R.T. -0.002 min

Lab File: BG051487.D

Acq: 11 Dec 2021 20:06

Instrument :

BNA_G

ClientSampleId :

RED-CONCRETE-GRAB-1

Tgt Ion: 82 Resp: 208023

Ion Ratio Lower Upper

82 100

128 37.6 29.8 44.6

54 48.5 45.8 68.8

Abundance Scan 1001 (9.369 min): BG051487.D\data.ms

Ref

50

40.0 54.0 68.0 82.1 98.1 112.1 128.0

m/z-->

Abundance Scan 1001 (9.369 min): BG051487.D\data.ms

Raw

50

40.0 54.0 68.1 82.1 98.0 112.0 128.0

m/z-->

Abundance Scan 1001 (9.369 min): BG051487.D\data.ms (-911) (-)

Sub

50

40.0 54.0 68.1 82.1 98.0 112.0 128.0

m/z-->

Abundance

100000

80000

60000

40000

20000

0

9.30 9.40 9.50

Time-->

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

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.816 min Scan# 1928

Delta R.T. -0.002 min

Lab File: BG051487.D

Acq: 11 Dec 2021 20:06

Tgt Ion:164 Resp: 83930

Ion Ratio Lower Upper

164 100

162 105.9 81.4 122.0

160 45.3 34.9 52.3

Abundance Scan 1928 (14.816 min): BG051487.D\data.ms

Ref

50

54.0 80.0 100.1 132.0 162.1

m/z-->

Abundance Scan 1928 (14.816 min): BG051487.D\data.ms

Raw

50

54.0 80.0 100.0 132.1 162.1

m/z-->

Abundance Scan 1928 (14.816 min): BG051487.D\data.ms (-1838) (-)

Sub

50

54.0 80.0 100.0 132.1 162.1

m/z-->

Abundance

50000

40000

30000

20000

10000

0

14.80 14.90

Time-->

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

2,4,6-Tribromophenol

Concen: 86.39 ng

RT: 16.314 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG051487.D

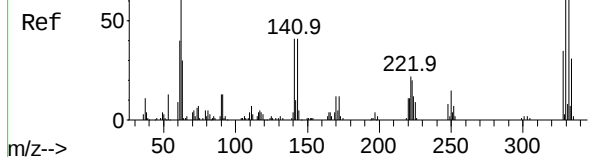
Acq: 11 Dec 2021 20:06

Instrument :

BNA_G

ClientSampleId :

RED-CONCRETE-GRAB-1



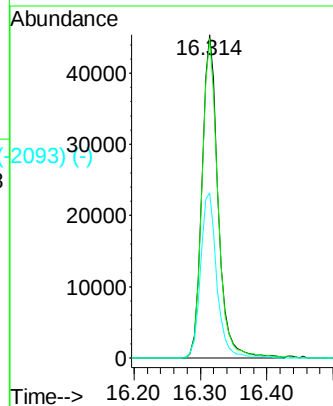
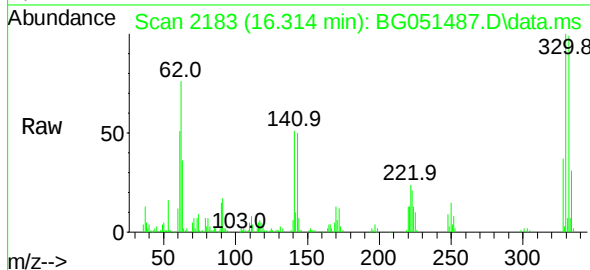
Tgt Ion:330 Resp: 77062

Ion Ratio Lower Upper

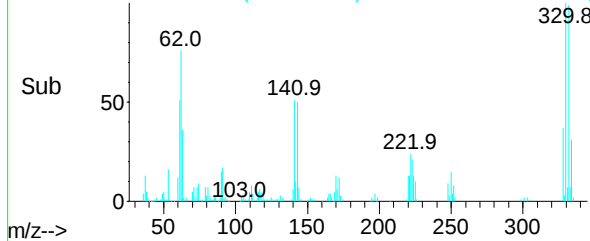
330 100

332 98.0 77.3 115.9

141 51.5 35.6 53.4



Abundance Scan 2183 (16.314 min): BG051487.D\data.ms (-2093) (-)



Abundance Scan 1697 (13.458 min): BG051122.D\data.ms (-1645) (-)

2-Fluorobiphenyl

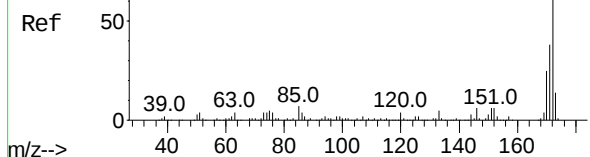
Concen: 68.68 ng

RT: 13.435 min Scan# 1693

Delta R.T. -0.002 min

Lab File: BG051487.D

Acq: 11 Dec 2021 20:06



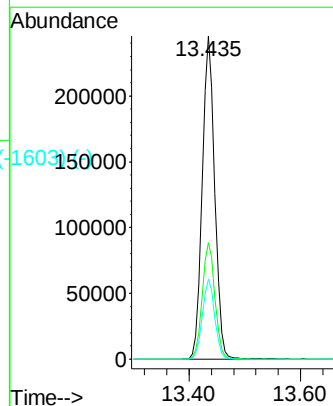
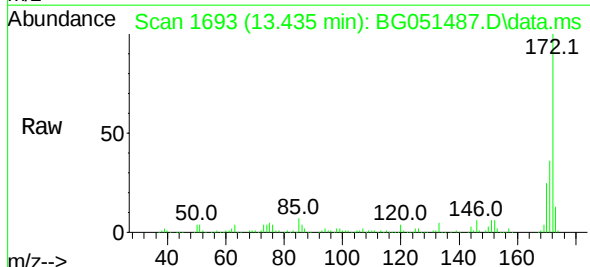
Tgt Ion:172 Resp: 382016

Ion Ratio Lower Upper

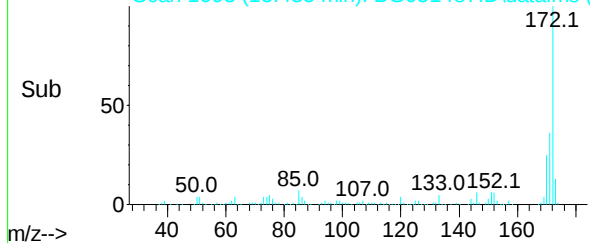
172 100

171 36.1 28.6 43.0

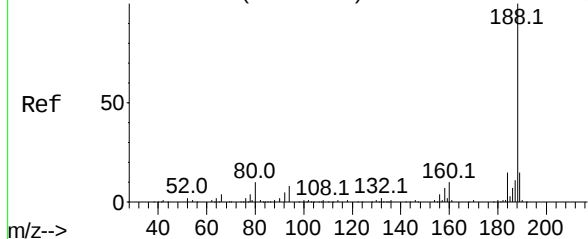
170 24.8 18.6 27.8



Abundance Scan 1693 (13.435 min): BG051487.D\data.ms (-1603) (-)



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



Phenanthrene-d10

Concen: 20.00 ng

RT: 17.571 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG051487.D

Acq: 11 Dec 2021 20:06

Instrument :

BNA_G

ClientSampleId :

RED-CONCRETE-GRAB-1

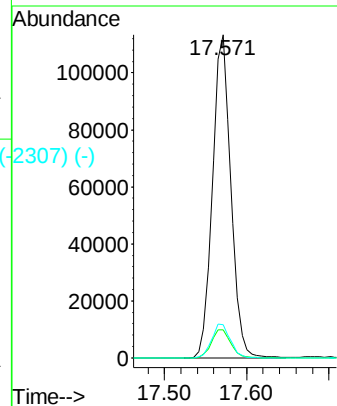
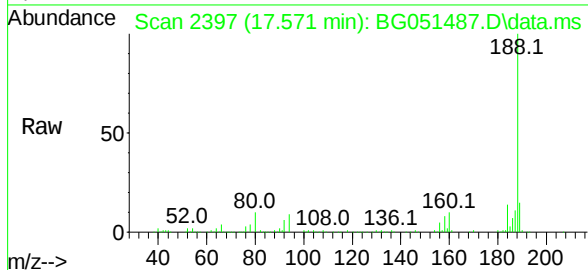
Tgt Ion:188 Resp: 176000

Ion Ratio Lower Upper

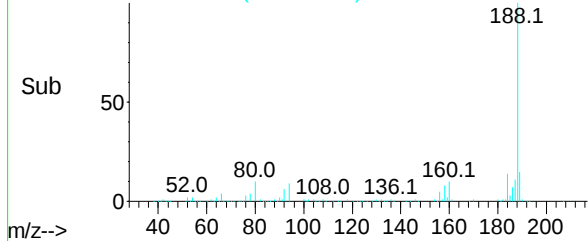
188 100

94 8.6 5.4 8.0#

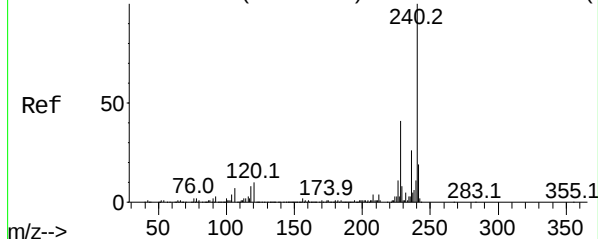
80 10.3 3.7 5.5#



Abundance Scan 2397 (17.571 min): BG051487.D\data.ms (-2307) (-)



Abundance Scan 3131 (21.883 min): BG051122.D\data.ms (-3175) (-)



Chrysene-d12

Concen: 20.00 ng

RT: 21.872 min Scan# 3129

Delta R.T. -0.002 min

Lab File: BG051487.D

Acq: 11 Dec 2021 20:06

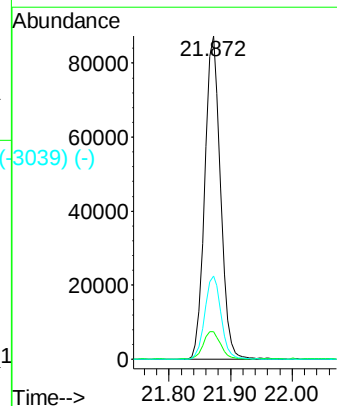
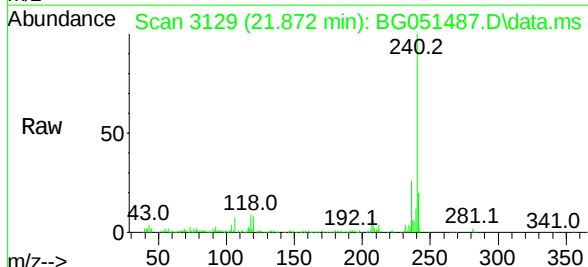
Tgt Ion:240 Resp: 154021

Ion Ratio Lower Upper

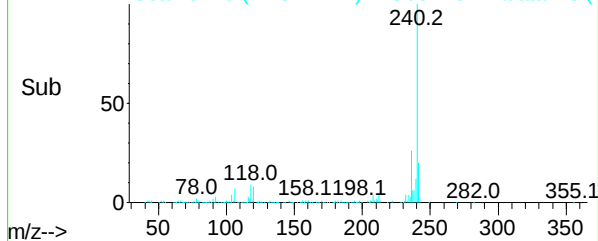
240 100

120 8.5 4.2 6.2#

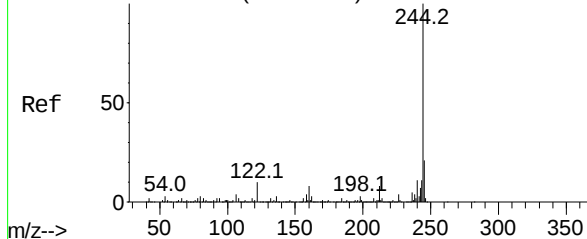
236 25.6 21.8 32.6



Abundance Scan 3129 (21.872 min): BG051487.D\data.ms (-3039) (-)



Abundance Scan 2840 (20.173 min): BG051122.D\data.ms (-2839) (-)



Terphenyl-d14

Concen: 63.63 ng

RT: 20.156 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG051487.D

Acq: 11 Dec 2021 20:06

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RED-CONCRETE-GRAB-1

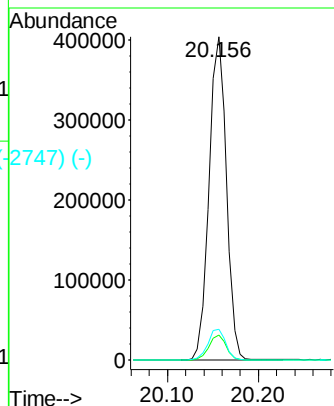
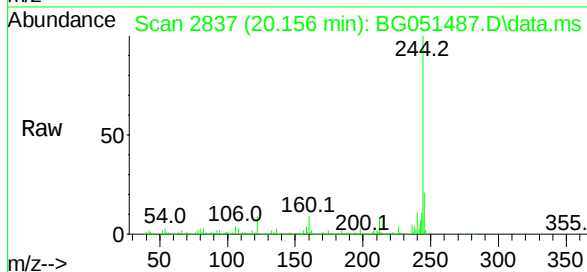
Tgt Ion:244 Resp: 536077

Ion Ratio Lower Upper

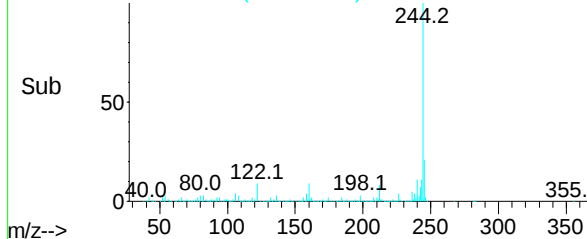
244 100

212 7.7 6.9 10.3

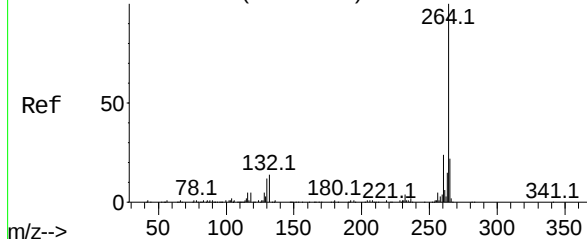
122 9.4 5.0 7.6#



Abundance Scan 2837 (20.156 min): BG051487.D\data.ms (-2747) (-)



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



Perylene-d12

Concen: 20.00 ng

RT: 25.268 min Scan# 3707

Delta R.T. -0.008 min

Lab File: BG051487.D

Acq: 11 Dec 2021 20:06

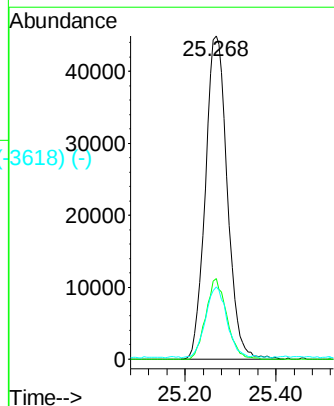
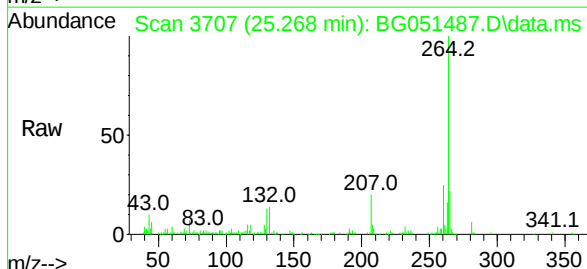
Tgt Ion:264 Resp: 149991

Ion Ratio Lower Upper

264 100

260 25.0 19.4 29.2

265 22.3 16.9 25.3



Abundance Scan 3707 (25.268 min): BG051487.D\data.ms (-3618) (-)

