

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121121\
 Data File : BG051483.D
 Acq On : 11 Dec 2021 17:20
 Operator : CG/JU
 Sample : M4965-36
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 N-PARK-SIDEWALK-1

Quant Time: Dec 11 23:11:34 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)

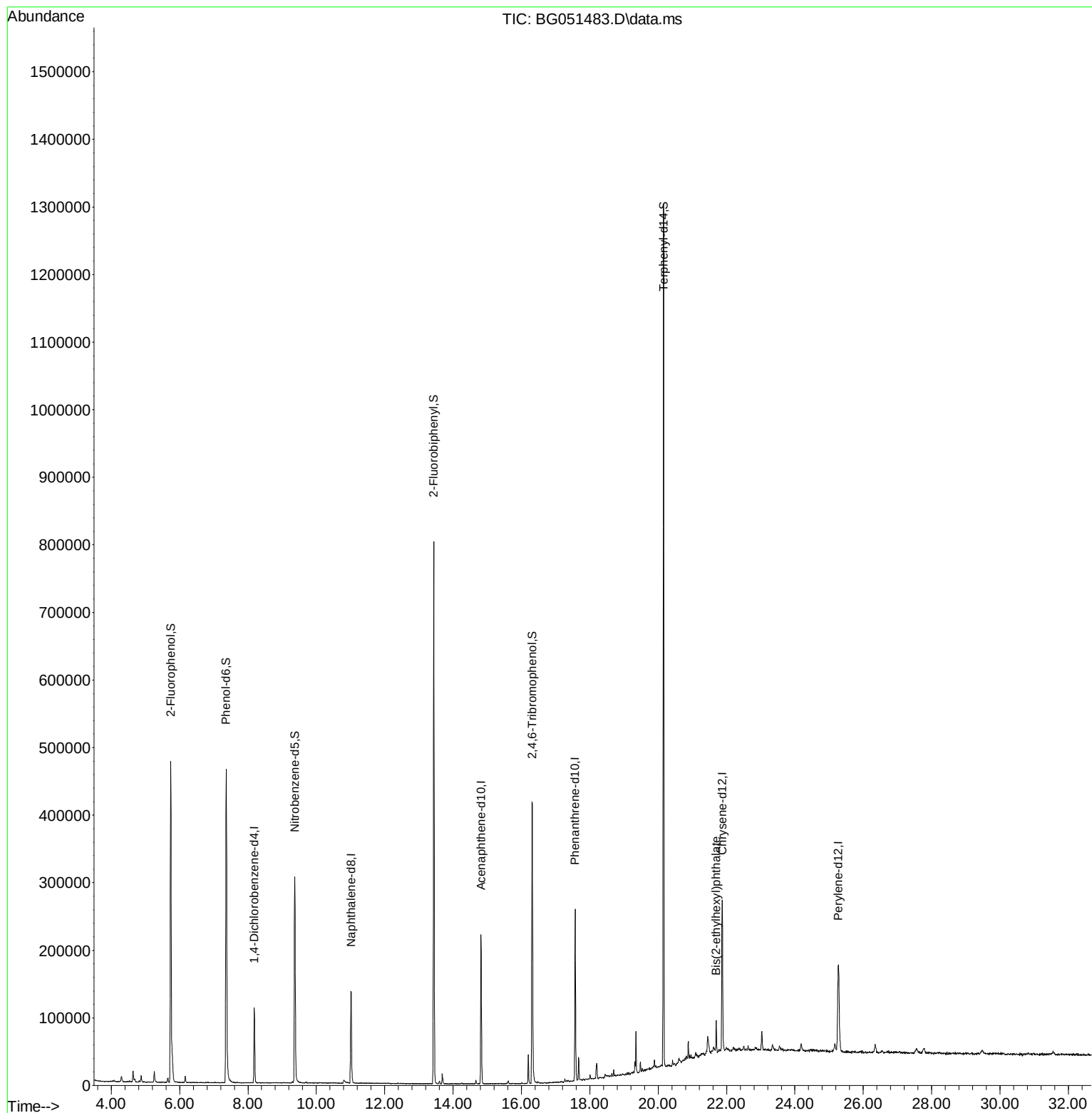
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.185	152	31246	20.00	ng	0.00
21) Naphthalene-d8	11.011	136	130041	20.00	ng	# 0.00
39) Acenaphthene-d10	14.818	164	80848	20.00	ng	0.00
64) Phenanthrene-d10	17.568	188	169498	20.00	ng	# 0.00
76) Chrysene-d12	21.874	240	152490	20.00	ng	# 0.00
86) Perylene-d12	25.270	264	149520	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.740	112	227348	112.48	ng	0.00
7) Phenol-d6	7.362	99	306064	107.51	ng	0.00
23) Nitrobenzene-d5	9.371	82	220990	77.57	ng	0.00
42) 2,4,6-Tribromophenol	16.316	330	75600	87.98	ng	0.00
45) 2-Fluorobiphenyl	13.437	172	409905	76.51	ng	0.00
79) Terphenyl-d14	20.159	244	597983	71.69	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	21.698	149	18932	2.88	ng	Qvalue 98

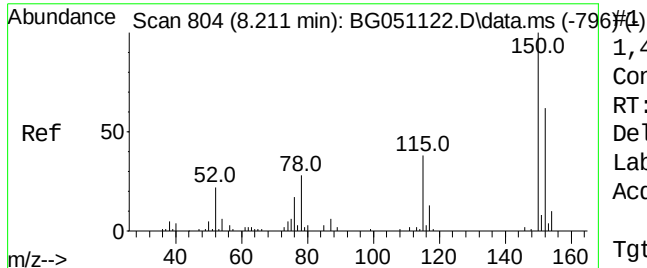
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.185 min Scan#

Delta R.T. 0.001 min

Lab File: BG051483.D

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Instrument :

BNA_G

ClientSampleId :

N-PARK-SIDEWALK-1

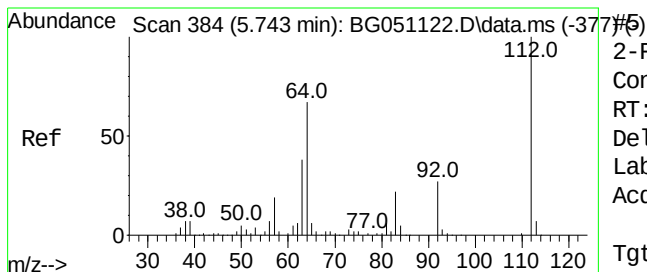
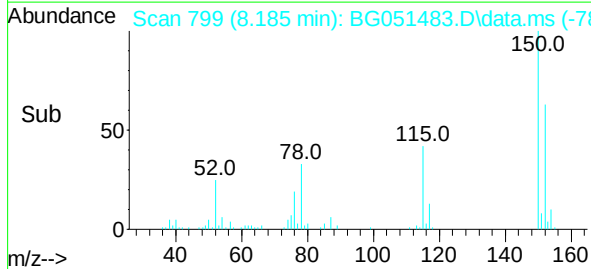
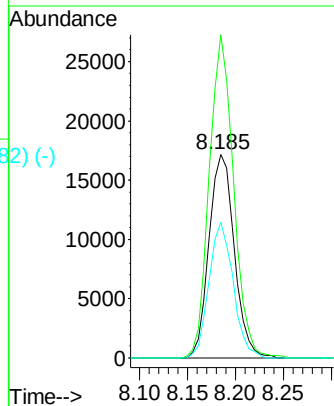
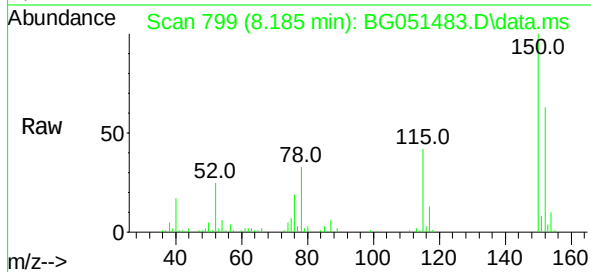
Tgt Ion:152 Resp: 31246

Ion Ratio Lower Upper

152 100

150 158.6 119.4 179.0

115 66.5 60.2 90.4



2-Fluorophenol

Concen: 112.48 ng

RT: 5.740 min Scan# 383

Delta R.T. 0.001 min

Lab File: BG051483.D

Acq: 11 Dec 2021 17:20

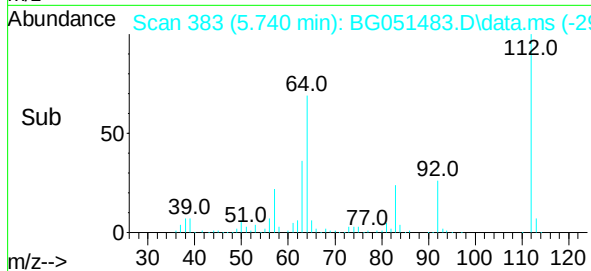
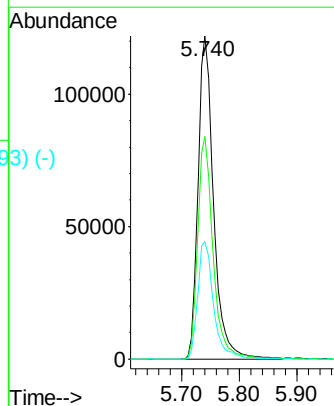
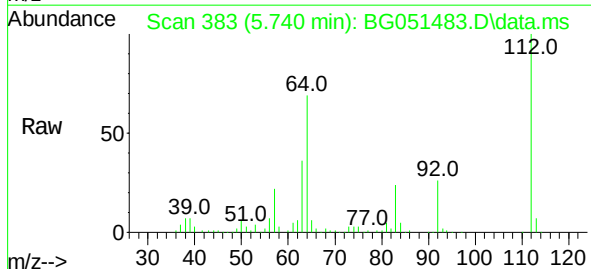
Tgt Ion:112 Resp: 227348

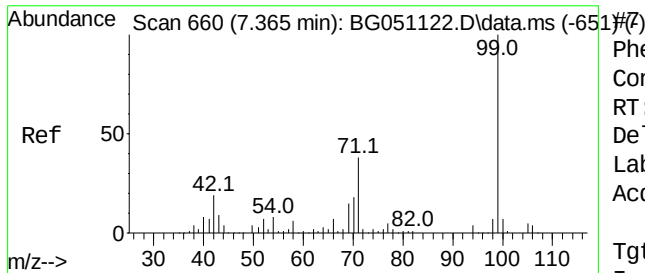
Ion Ratio Lower Upper

112 100

64 69.0 46.7 70.1

63 36.4 35.3 52.9





Phenol-d6

Concen: 107.51 ng

RT: 7.362 min Scan#

Delta R.T. 0.001 min

Lab File: BG051483.D

Acq: 11 Dec 2021 17:20

Instrument :

BNA_G

ClientSampleId :

N-PARK-SIDEWALK-1

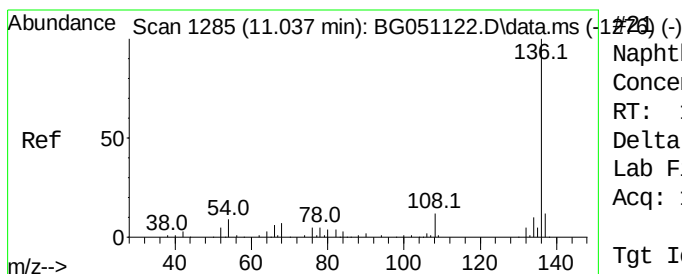
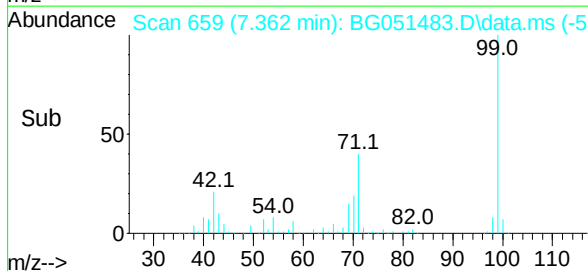
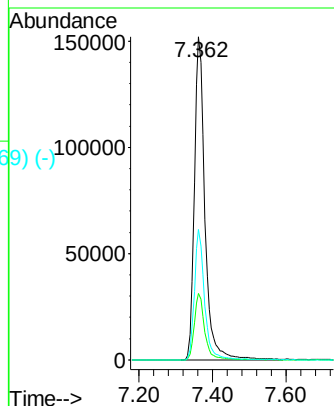
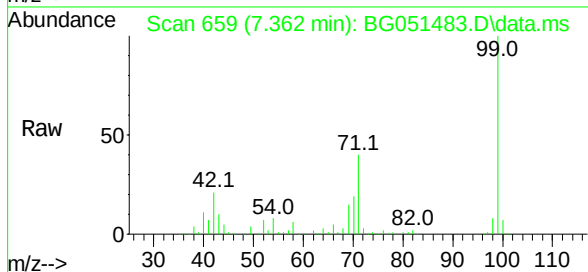
Tgt Ion: 99 Resp: 306064

Ion Ratio Lower Upper

99 100

42 20.5 20.5 30.7

71 40.4 41.5 62.3#



Naphthalene-d8

Concen: 20.00 ng

RT: 11.011 min Scan# 1280

Delta R.T. 0.001 min

Lab File: BG051483.D

Acq: 11 Dec 2021 17:20

Tgt Ion: 136 Resp: 130041

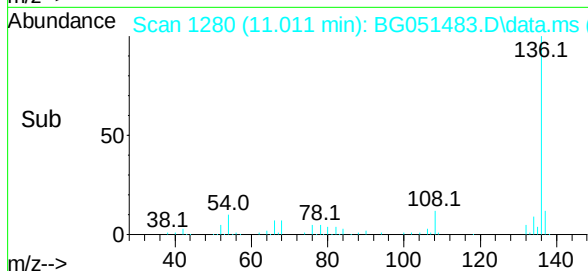
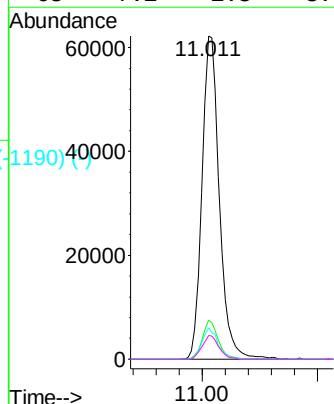
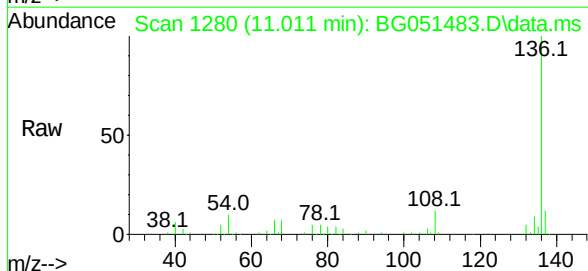
Ion Ratio Lower Upper

136 100

137 12.1 8.2 12.2

54 9.6 5.5 8.3#

68 7.2 2.3 3.5#



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

Nitrobenzene-d5

Concen: 77.57 ng

RT: 9.371 min Scan#

Delta R.T. 0.001 min

Lab File: BG051483.D

Acq: 11 Dec 2021 17:20

Instrument :

BNA_G

ClientSampleId :

N-PARK-SIDEWALK-1

Tgt Ion: 82 Resp: 220990

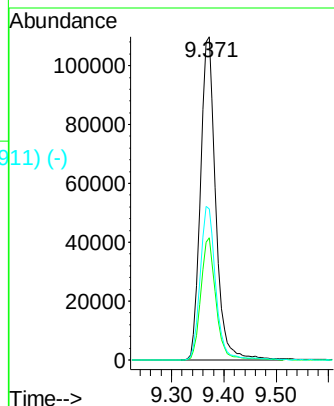
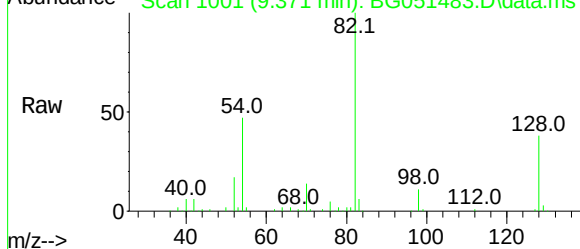
Ion Ratio Lower Upper

82 100

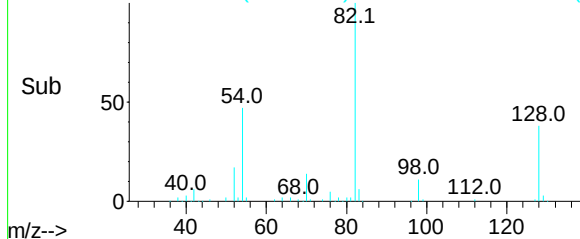
128 37.8 29.8 44.6

54 46.8 45.8 68.8

Abundance Scan 1001 (9.371 min): BG051483.D\data.ms



Abundance Scan 1001 (9.371 min): BG051483.D\data.ms (-911) (-)



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

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.818 min Scan# 1928

Delta R.T. 0.001 min

Lab File: BG051483.D

Acq: 11 Dec 2021 17:20

Tgt Ion: 164 Resp: 80848

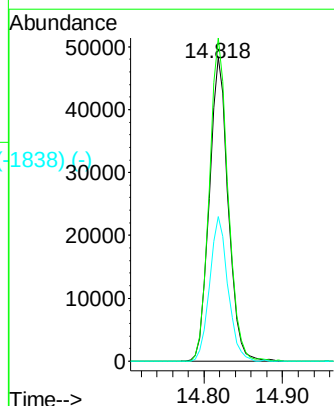
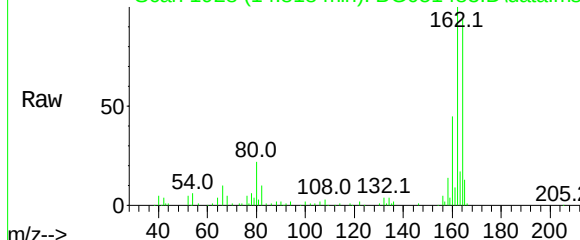
Ion Ratio Lower Upper

164 100

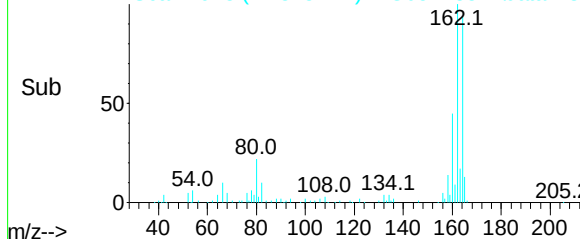
162 106.2 81.4 122.0

160 47.6 34.9 52.3

Abundance Scan 1928 (14.818 min): BG051483.D\data.ms



Abundance Scan 1928 (14.818 min): BG051483.D\data.ms (-1838) (-)



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

2,4,6-Tribromophenol

Concen: 87.98 ng

RT: 16.316 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG051483.D

Acq: 11 Dec 2021 17:20

Instrument :

BNA_G

ClientSampleId :

N-PARK-SIDEWALK-1

Tgt Ion:330 Resp: 75600

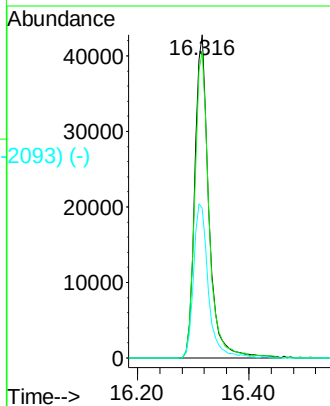
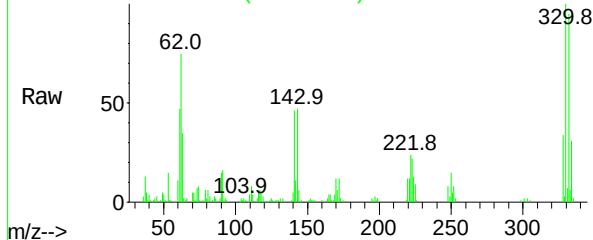
Ion Ratio Lower Upper

330 100

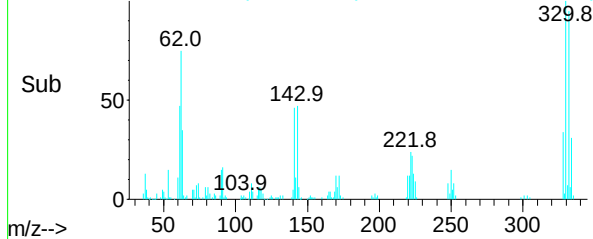
332 95.4 77.3 115.9

141 50.1 35.6 53.4

Abundance Scan 2183 (16.316 min): BG051483.D\data.ms



Abundance Scan 2183 (16.316 min): BG051483.D\data.ms (-2093) (-)



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

2-Fluorobiphenyl

Concen: 76.51 ng

RT: 13.437 min Scan# 1693

Delta R.T. 0.001 min

Lab File: BG051483.D

Acq: 11 Dec 2021 17:20

Tgt Ion:172 Resp: 409905

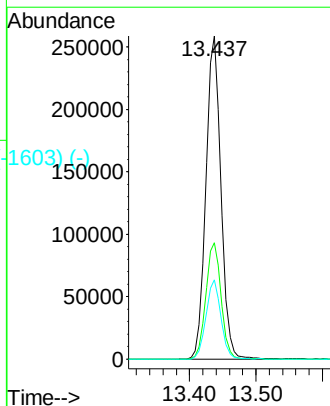
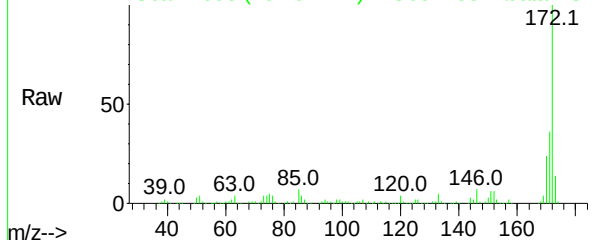
Ion Ratio Lower Upper

172 100

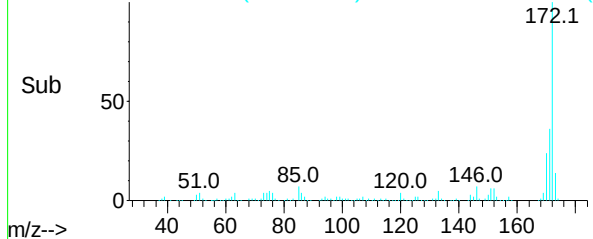
171 36.0 28.6 43.0

170 24.5 18.6 27.8

Abundance Scan 1693 (13.437 min): BG051483.D\data.ms



Abundance Scan 1693 (13.437 min): BG051483.D\data.ms (-1603) (-)



Abundance Scan 2400 (17.588 min): BG051122.D\data.ms (-362) (-)

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.568 min Scan# 2396

Delta R.T. -0.005 min

Lab File: BG051483.D

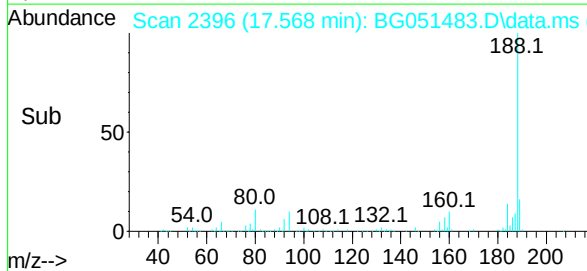
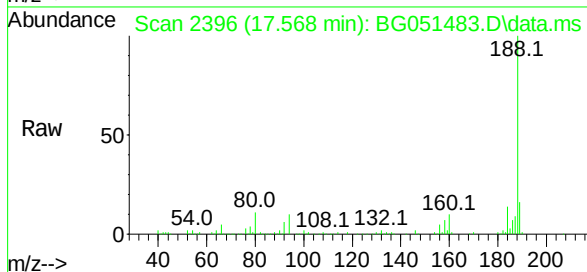
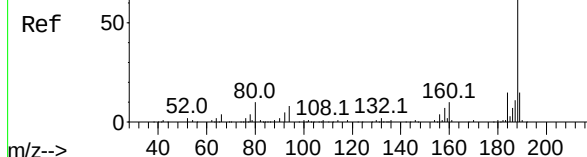
Acq: 11 Dec 2021 17:20

Instrument :

BNA_G

ClientSampleId :

N-PARK-SIDEWALK-1



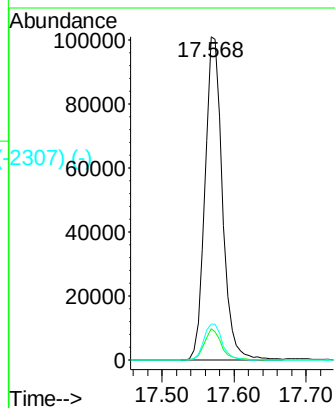
Tgt Ion:188 Resp: 169498

Ion Ratio Lower Upper

188 100

94 9.7 5.4 8.0#

80 11.0 3.7 5.5#



Abundance Scan 3131 (21.883 min): BG051122.D\data.ms (-317) (-)

Chrysene-d12

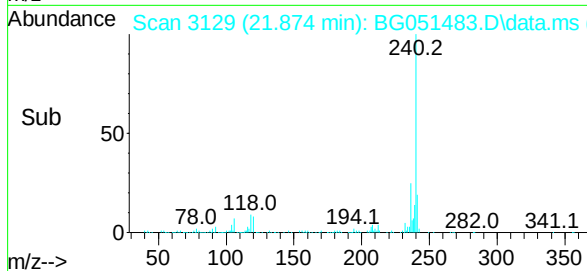
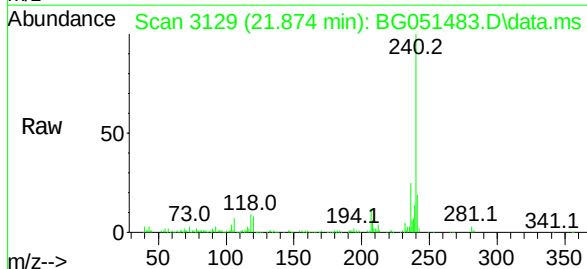
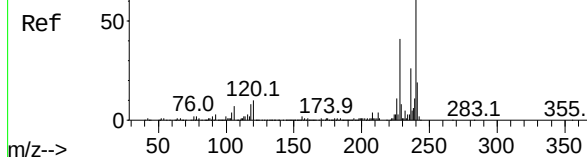
Concen: 20.00 ng

RT: 21.874 min Scan# 3129

Delta R.T. 0.001 min

Lab File: BG051483.D

Acq: 11 Dec 2021 17:20



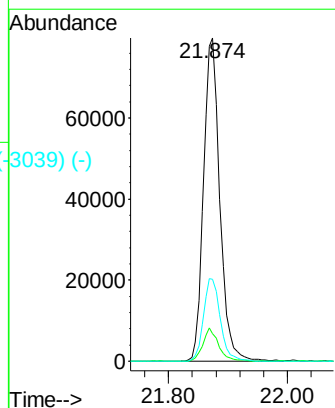
Tgt Ion:240 Resp: 152490

Ion Ratio Lower Upper

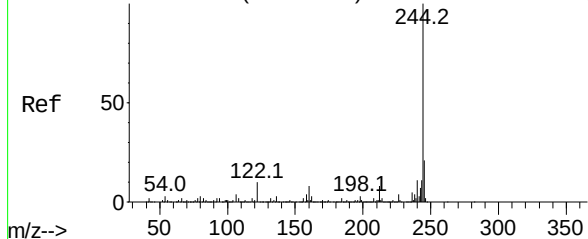
240 100

120 8.4 4.2 6.2#

236 25.2 21.8 32.6



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



Terphenyl-d14

Concen: 71.69 ng

RT: 20.159 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG051483.D

Acq: 11 Dec 2021 17:20

Instrument :

BNA_G

ClientSampleId :

N-PARK-SIDEWALK-1

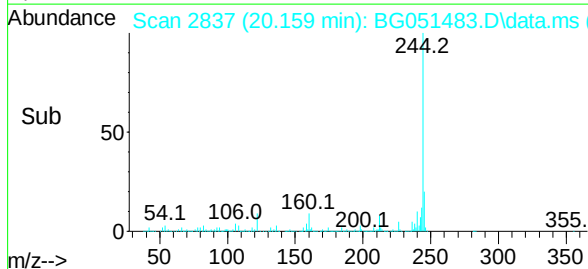
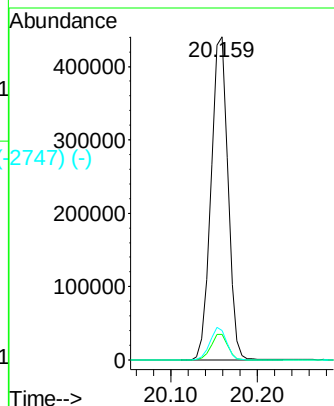
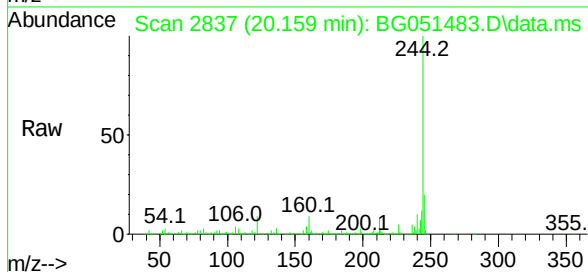
Tgt Ion:244 Resp: 597983

Ion Ratio Lower Upper

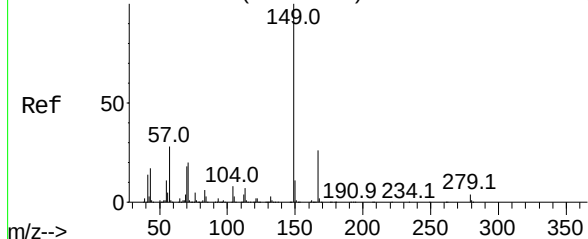
244 100

212 7.9 6.9 10.3

122 9.2 5.0 7.6#



Abundance Scan 3104 (21.725 min): BG051122.D\data.ms (-3094) (-)



Bis(2-ethylhexyl)phthalate

Concen: 2.88 ng

RT: 21.698 min Scan# 3099

Delta R.T. -0.005 min

Lab File: BG051483.D

Acq: 11 Dec 2021 17:20

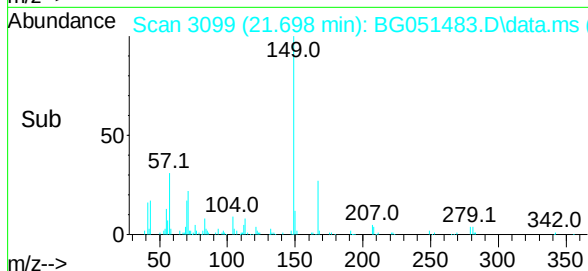
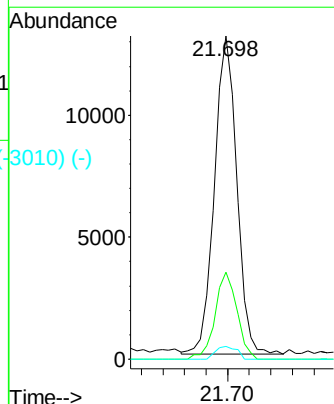
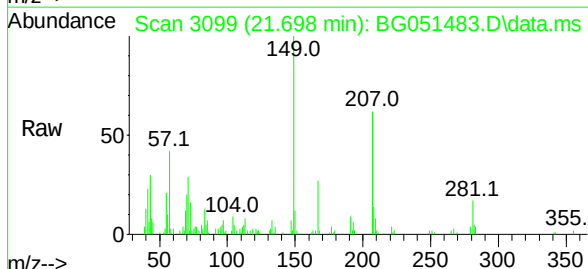
Tgt Ion:149 Resp: 18932

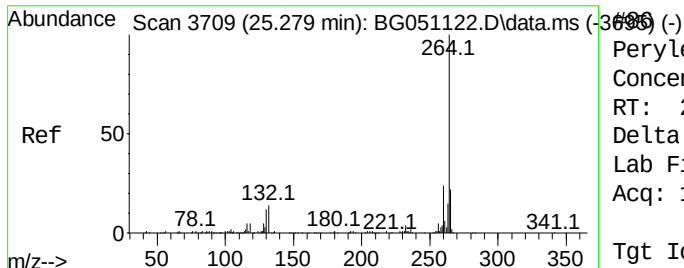
Ion Ratio Lower Upper

149 100

167 26.9 22.3 33.5

279 4.0 3.8 5.8





Perylene-d12

Concen: 20.00 ng

RT: 25.270 min Scan# 3696

Delta R.T. -0.005 min

Lab File: BG051483.D

Acq: 11 Dec 2021 17:20

Instrument :

BNA_G

ClientSampleId :

N-PARK-SIDEWALK-1

Tgt Ion:264 Resp: 149520

Ion Ratio Lower Upper

264 100

260 24.7 19.4 29.2

265 22.4 16.9 25.3

