

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022223\
 Data File : BG056694.D
 Acq On : 22 Feb 2023 12:22
 Operator : CG/JU
 Sample : PB150924TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150924TB

Quant Time: Feb 22 14:24:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 21 18:07:35 2023
 Response via : Initial Calibration

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

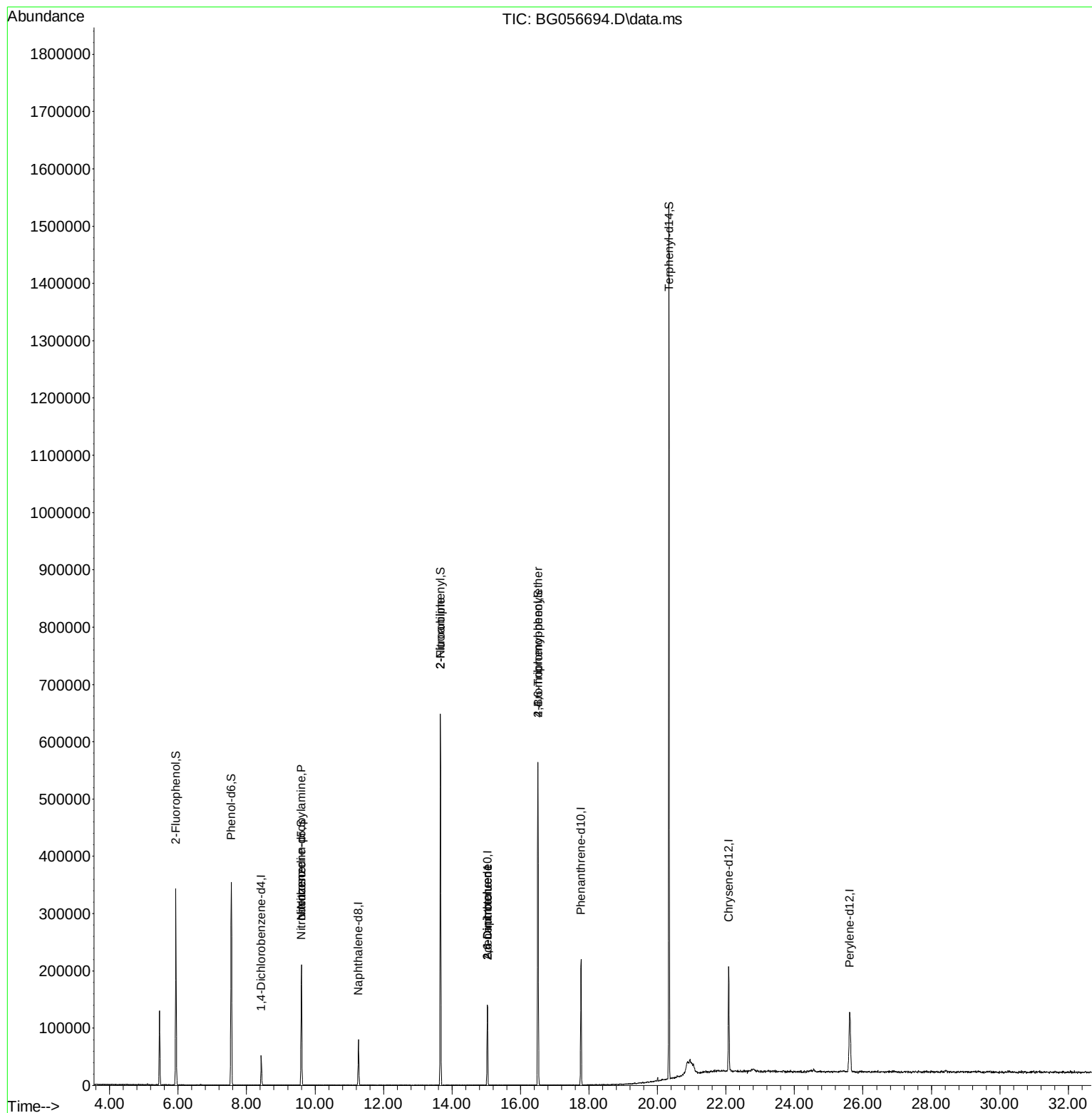
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.426	152	15150	20.000	ng	-0.01
21) Naphthalene-d8	11.270	136	65351	20.000	ng	0.00
39) Acenaphthene-d10	15.030	164	51814	20.000	ng	-0.01
64) Phenanthrene-d10	17.768	188	147677	20.000	ng	# 0.00
76) Chrysene-d12	22.081	240	122396	20.000	ng	-0.02
86) Perylene-d12	25.618	264	131252	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.935	112	137610	147.790	ng	0.00
7) Phenol-d6	7.551	99	201023	146.155	ng	0.00
23) Nitrobenzene-d5	9.601	82	130064	101.903	ng	-0.01
42) 2,4,6-Tribromophenol	16.511	330	109635	154.547	ng	0.00
45) 2-Fluorobiphenyl	13.661	172	324980	83.986	ng	-0.01
79) Terphenyl-d14	20.336	244	744056	99.461	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.601	70	18679	18.141	ng	# 76
24) Nitrobenzene	9.595	77	434	2.964	ng	# 43
48) 2-Nitroaniline	13.661	65	397	5.637	ng	# 1
51) 2,6-Dinitrotoluene	15.030	165	6922	10.468	ng	# 21
57) 2,4-Dinitrotoluene	15.030	165	6922	6.626	ng	# 24
67) 4-Bromophenyl-phenylether	16.511	248	8057	4.249	ng	# 1

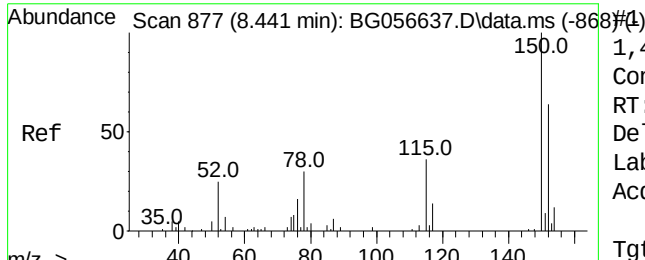
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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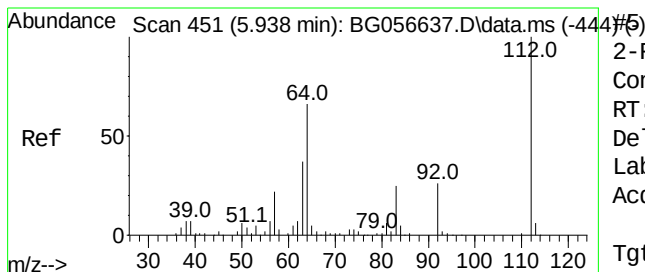
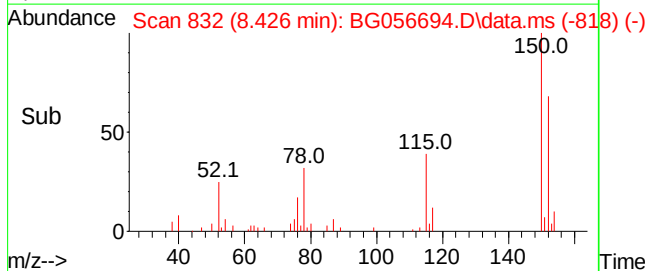
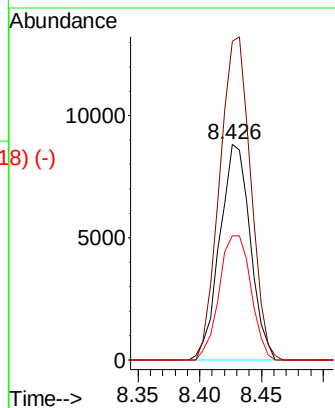
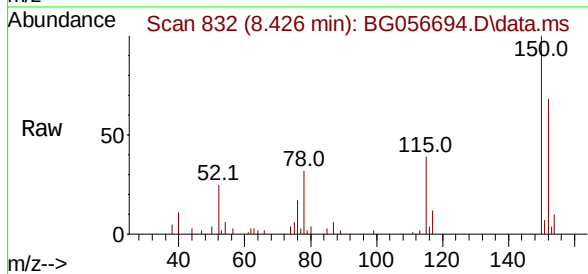




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.426 min Scan# 818
 Delta R.T. -0.015 min
 Lab File: BG056694.D
 Acq: 22 Feb 2023 12:22

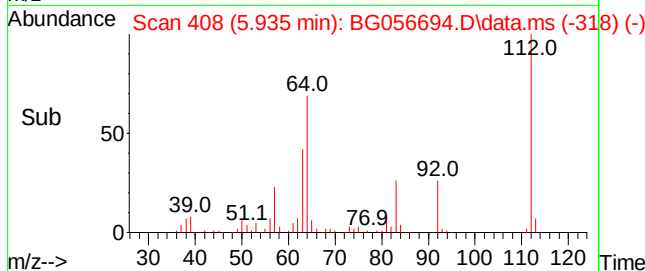
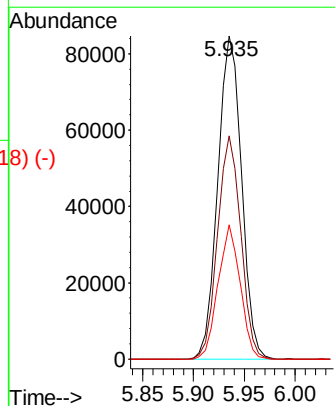
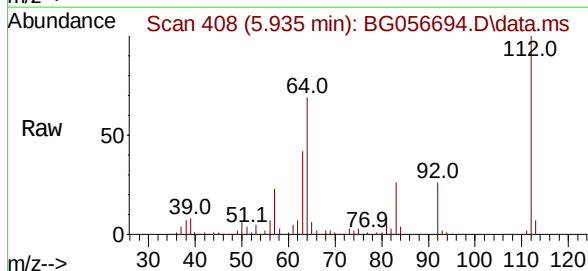
Instrument :
 BNA_G
 ClientSampleId :
 PB150924TB

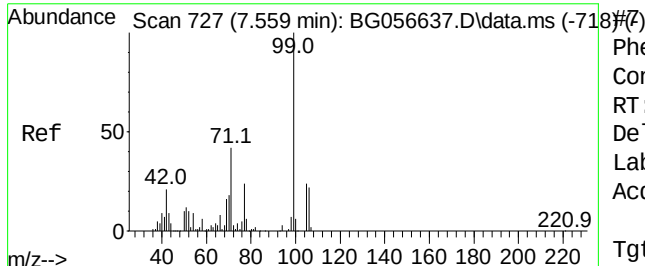
Tgt Ion:	152	Resp:	15150
Ion	Ratio	Lower	Upper
152	100		
150	147.5	124.8	187.2
115	57.6	44.7	67.1



2-Fluorophenol
 Concen: 147.790 ng
 RT: 5.935 min Scan# 408
 Delta R.T. -0.003 min
 Lab File: BG056694.D
 Acq: 22 Feb 2023 12:22

Tgt Ion:	112	Resp:	137610
Ion	Ratio	Lower	Upper
112	100		
64	69.1	52.6	78.8
63	41.6	29.8	44.6

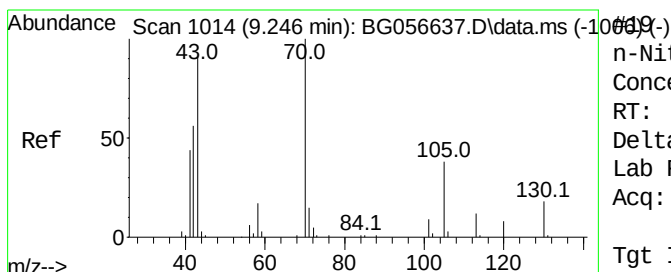
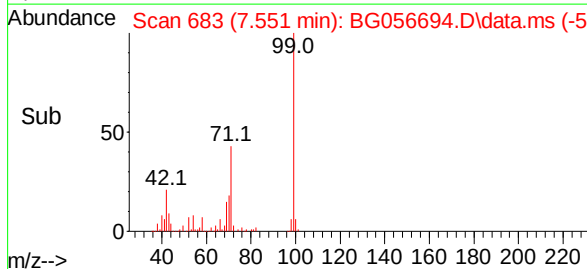
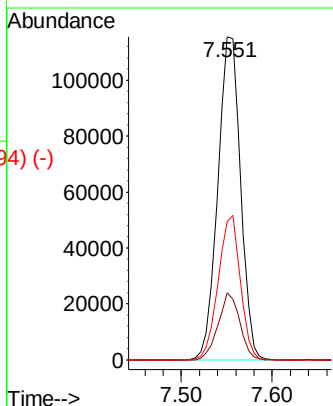
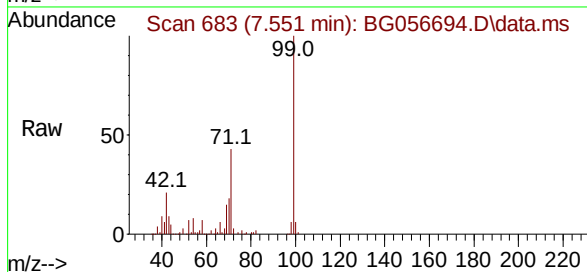




Phenol-d6
 Concen: 146.155 ng
 RT: 7.551 min Scan# 1000
 Delta R.T. -0.009 min
 Lab File: BG056694.D
 Acq: 22 Feb 2023 12:22

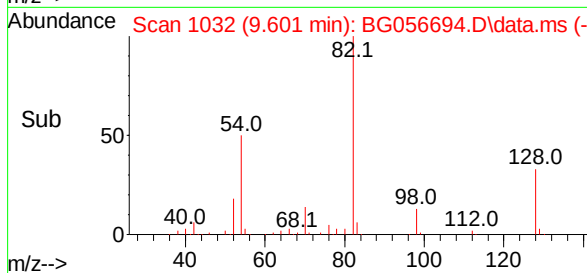
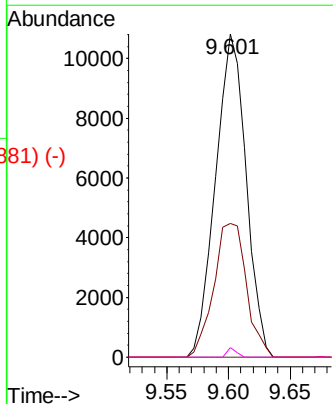
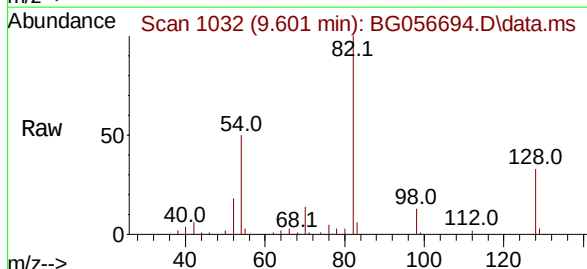
Instrument :
 BNA_G
 ClientSampleId :
 PB150924TB

Tgt Ion:	99	Resp:	201023
Ion	Ratio	Lower	Upper
99	100		
42	20.8	16.8	25.2
71	42.7	33.9	50.9



n-Nitroso-di-n-propylamine
 Concen: 18.141 ng
 RT: 9.601 min Scan# 1032
 Delta R.T. 0.356 min
 Lab File: BG056694.D
 Acq: 22 Feb 2023 12:22

Tgt Ion:	70	Resp:	18679
Ion	Ratio	Lower	Upper
70	100		
42	41.4	45.7	68.5#
101	0.0	7.4	11.0#
130	2.9	14.2	21.4#



Abundance Scan 1360 (11.278 min): BG056637.D\data.ms (-1322) (-)

Naphthalene-d8

Concen: 20.000 ng

RT: 11.270 min Scan#

Delta R.T. -0.009 min

Lab File: BG056694.D

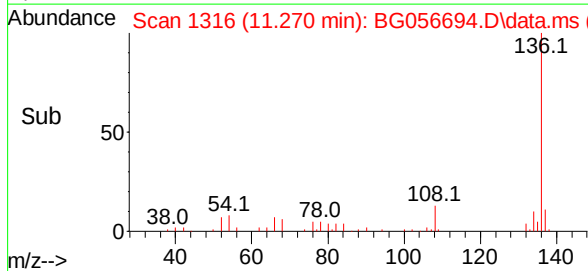
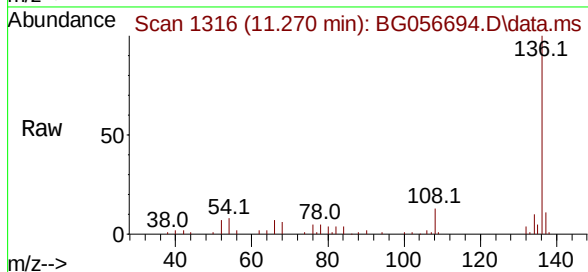
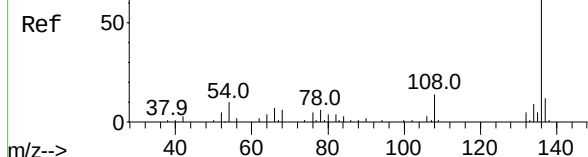
Acq: 22 Feb 2023 12:22

Instrument :

BNA_G

ClientSampleId :

PB150924TB



Tgt Ion:136 Resp: 65351

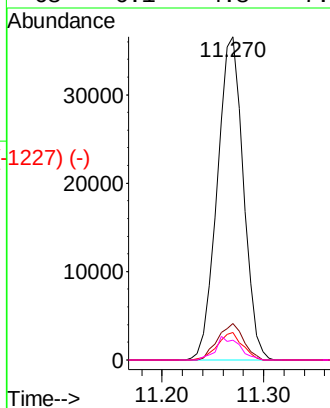
Ion Ratio Lower Upper

136 100

137 11.3 9.7 14.5

54 8.4 7.7 11.5

68 6.1 4.8 7.2



Abundance Scan 1077 (9.616 min): BG056637.D\data.ms (-10623) (-)

Nitrobenzene-d5

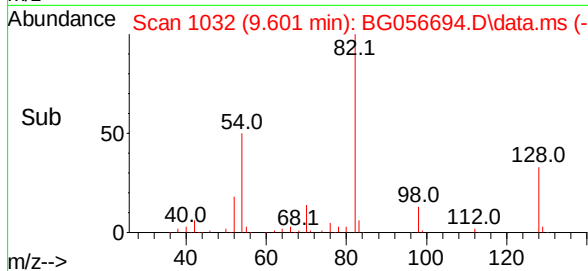
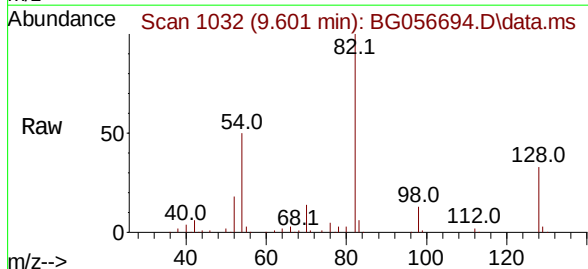
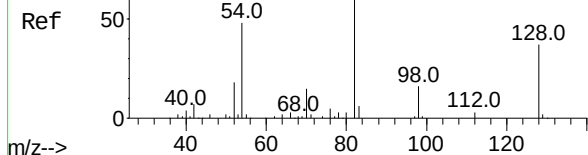
Concen: 101.903 ng

RT: 9.601 min Scan# 1032

Delta R.T. -0.015 min

Lab File: BG056694.D

Acq: 22 Feb 2023 12:22



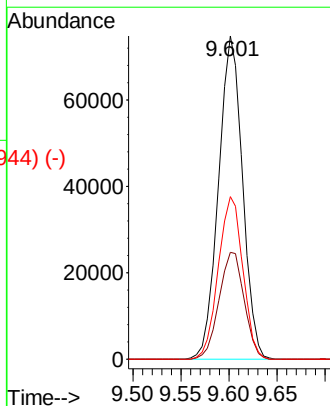
Tgt Ion: 82 Resp: 130064

Ion Ratio Lower Upper

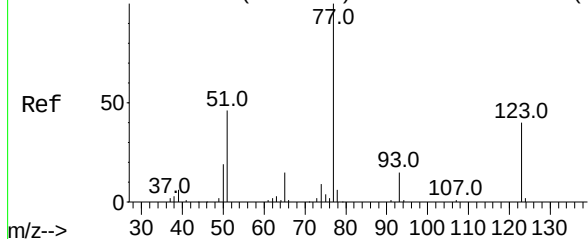
82 100

128 33.0 29.4 44.2

54 50.3 37.8 56.6



Abundance Scan 1084 (9.657 min): BG056637.D\data.ms (-10724-)



Nitrobenzene

Concen: 2.964 ng

RT: 9.595 min Scan#

Delta R.T. -0.062 min

Lab File: BG056694.D

Acq: 22 Feb 2023 12:22

Instrument :

BNA_G

ClientSampleId :

PB150924TB

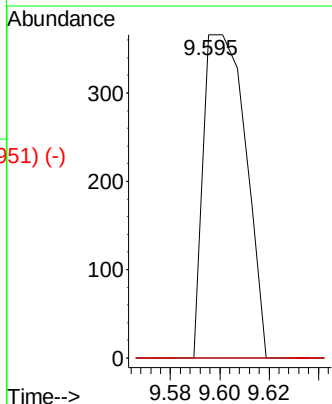
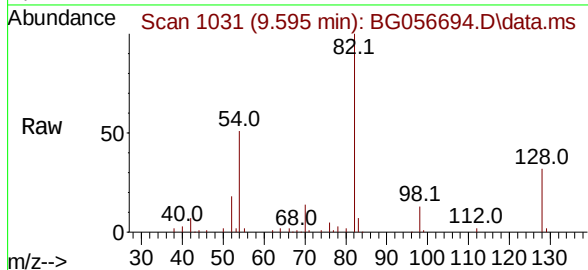
Tgt Ion: 77 Resp: 434

Ion Ratio Lower Upper

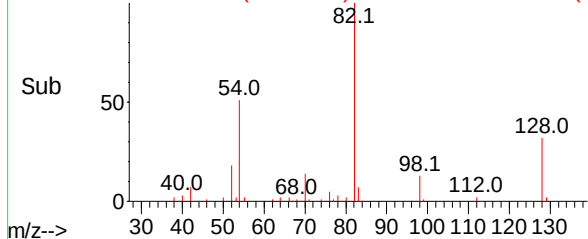
77 100

123 0.0 31.8 47.8#

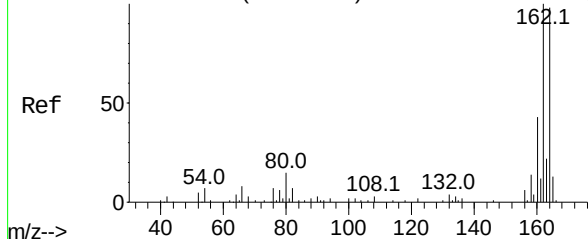
65 0.0 12.0 18.0#



Abundance Scan 1031 (9.595 min): BG056694.D\data.ms (-951) (-)



Abundance Scan 2001 (15.045 min): BG056637.D\data.ms (-1934) (-)



Acenaphthene-d10

Concen: 20.000 ng

RT: 15.030 min Scan# 1956

Delta R.T. -0.015 min

Lab File: BG056694.D

Acq: 22 Feb 2023 12:22

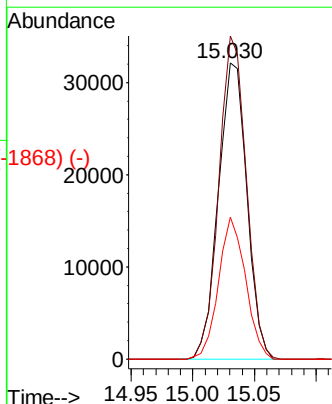
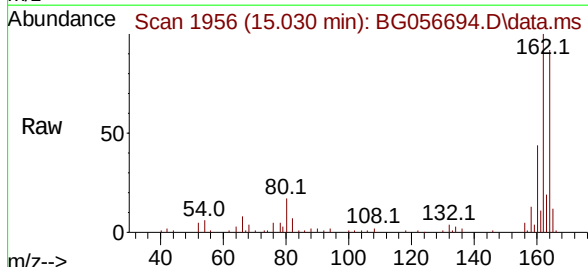
Tgt Ion:164 Resp: 51814

Ion Ratio Lower Upper

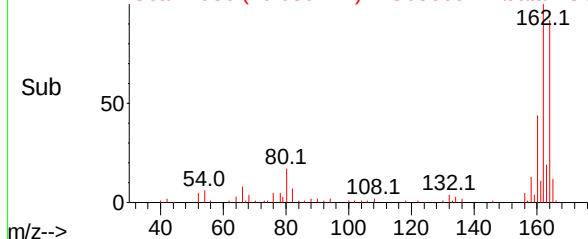
164 100

162 109.0 81.3 121.9

160 47.8 35.2 52.8



Abundance Scan 1956 (15.030 min): BG056694.D\data.ms (-1868) (-)



Abundance Scan 2252 (16.519 min): BG056637.D\data.ms (-2242) (-)

2,4,6-Tribromophenol

Concen: 154.547 ng

RT: 16.511 min Scan# 1

Delta R.T. -0.009 min

Lab File: BG056694.D

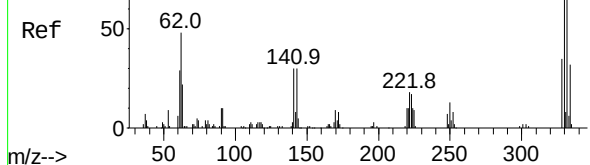
Acq: 22 Feb 2023 12:22

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PB150924TB



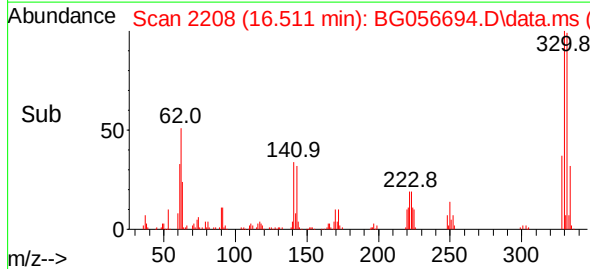
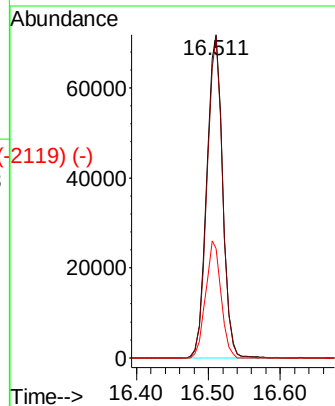
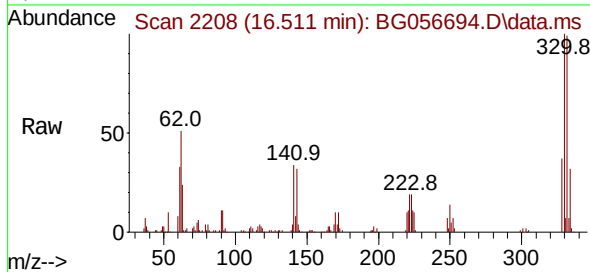
Tgt Ion:330 Resp: 109635

Ion Ratio Lower Upper

330 100

332 97.4 75.7 113.5

141 35.0 24.6 37.0



Abundance Scan 1768 (13.676 min): BG056637.D\data.ms (-1745) (-)

2-Fluorobiphenyl

Concen: 83.986 ng

RT: 13.661 min Scan# 1723

Delta R.T. -0.015 min

Lab File: BG056694.D

Acq: 22 Feb 2023 12:22

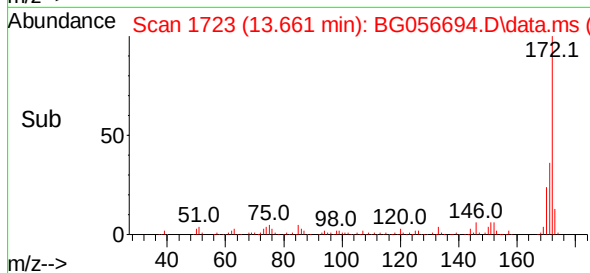
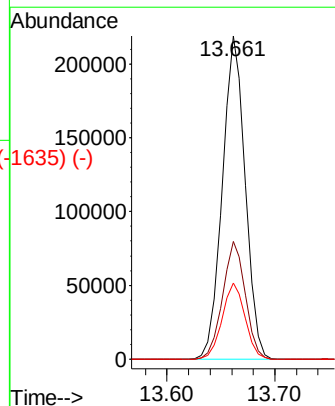
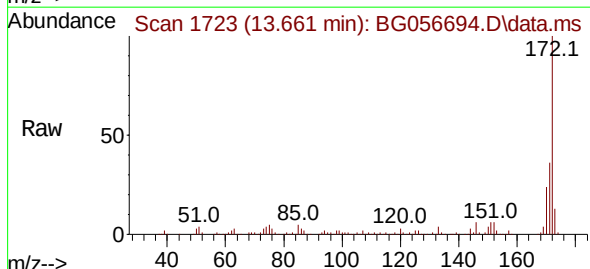
Tgt Ion:172 Resp: 324980

Ion Ratio Lower Upper

172 100

171 36.4 28.6 43.0

170 23.6 19.4 29.0



Abundance Scan 1843 (14.116 min): BG056637.D\data.ms (-1740) (-)

2-Nitroaniline

Concen: 5.637 ng

RT: 13.661 min Scan# 1723

Delta R.T. -0.455 min

Lab File: BG056694.D

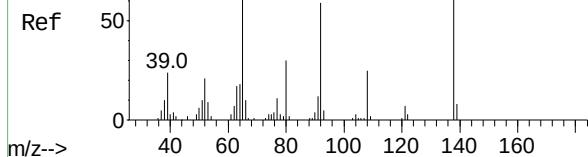
Acq: 22 Feb 2023 12:22

Instrument :

BNA_G

ClientSampleId :

PB150924TB



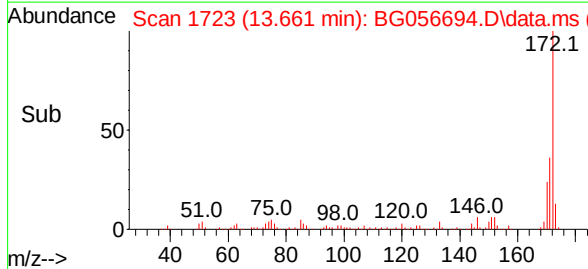
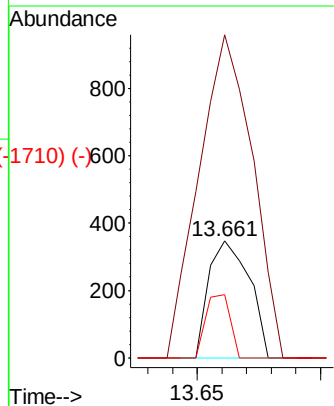
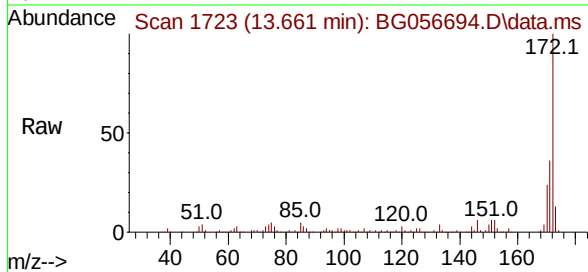
Tgt Ion: 65 Resp: 397

Ion Ratio Lower Upper

65 100

92 276.4 53.8 80.6#

138 53.9 90.6 135.8#



Abundance Scan 1926 (14.604 min): BG056637.D\data.ms (-1950) (-)

2,6-Dinitrotoluene

Concen: 10.468 ng

RT: 15.030 min Scan# 1956

Delta R.T. 0.426 min

Lab File: BG056694.D

Acq: 22 Feb 2023 12:22

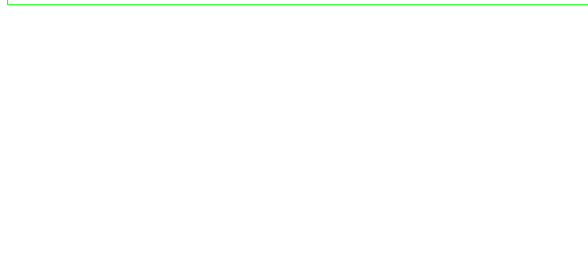
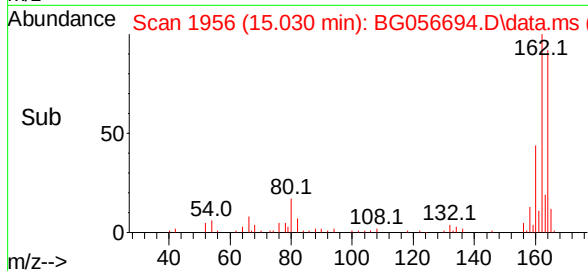
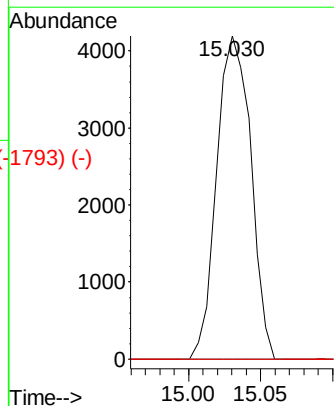
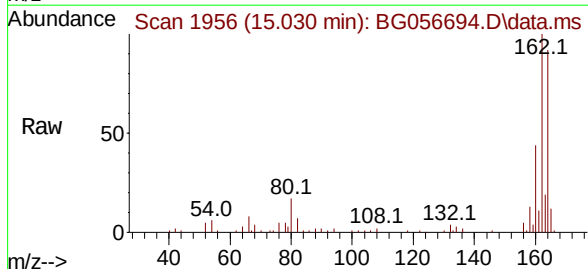
Tgt Ion:165 Resp: 6922

Ion Ratio Lower Upper

165 100

63 0.0 45.8 68.8#

89 0.0 48.2 72.2#



Abundance Scan 2058 (15.380 min): BG056637.D\data.ms (-2057) (-)

2,4-Dinitrotoluene

Concen: 6.626 ng

RT: 15.030 min Scan# 1925

Delta R.T. -0.349 min

Lab File: BG056694.D

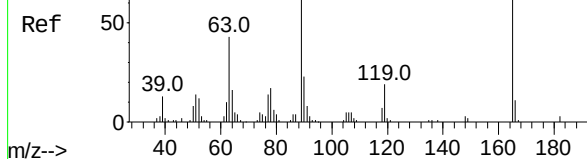
Acq: 22 Feb 2023 12:22

Instrument :

BNA_G

ClientSampleId :

PB150924TB



Tgt Ion:165 Resp: 6922

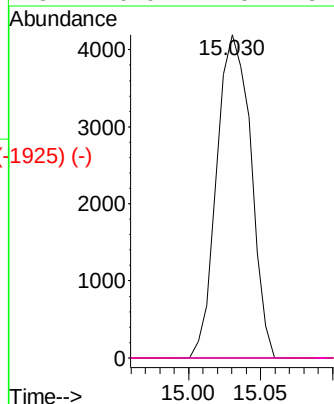
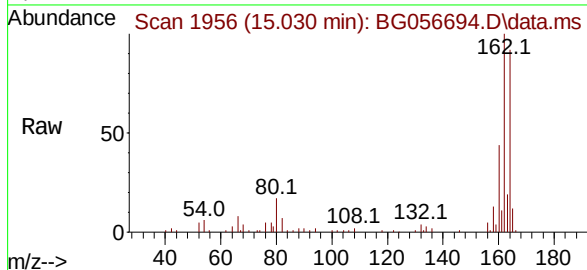
Ion Ratio Lower Upper

165 100

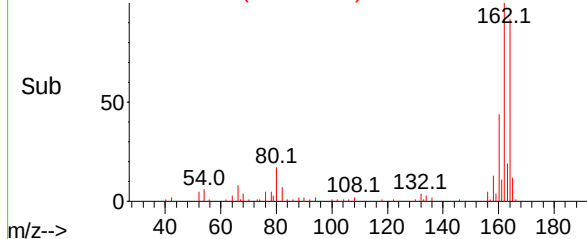
63 0.0 34.6 52.0#

89 0.0 53.8 80.8#

182 0.0 2.5 3.7#



Abundance Scan 1956 (15.030 min): BG056694.D\data.ms (-1925) (-)



Abundance Scan 2466 (17.777 min): BG056637.D\data.ms (-2464) (-)

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.768 min Scan# 2422

Delta R.T. -0.009 min

Lab File: BG056694.D

Acq: 22 Feb 2023 12:22

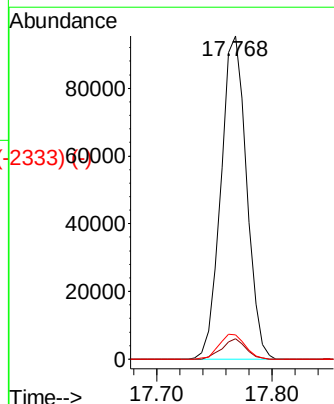
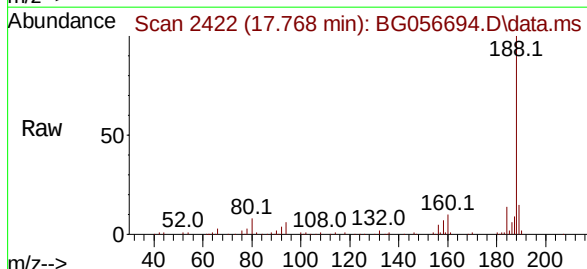
Tgt Ion:188 Resp: 147677

Ion Ratio Lower Upper

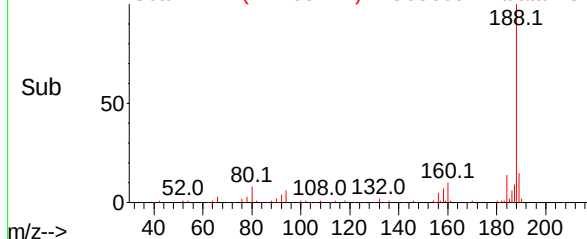
188 100

94 6.3 4.0 6.0#

80 7.5 6.3 9.5



Abundance Scan 2422 (17.768 min): BG056694.D\data.ms (-2333) (-)



Abundance Scan 2327 (16.960 min): BG056637.D\data.ms (-2327) (-)

4-Bromophenyl-phenylether

Concen: 4.249 ng

RT: 16.511 min Scan# 1

Delta R.T. -0.449 min

Lab File: BG056694.D

Acq: 22 Feb 2023 12:22

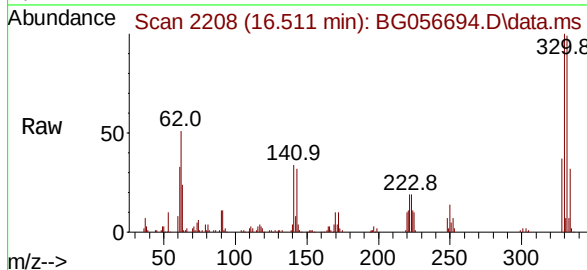
Instrument :

BNA_G

ClientSampleId :

PB150924TB

Abundance Scan 2208 (16.511 min): BG056694.D\data.ms



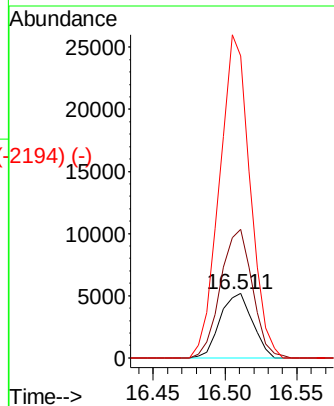
Tgt Ion:248 Resp: 8057

Ion Ratio Lower Upper

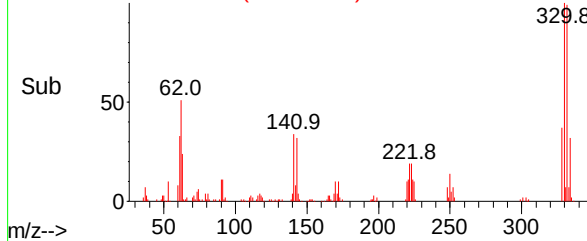
248 100

250 200.4 73.0 109.6#

141 470.2 45.6 68.4#



Abundance Scan 2208 (16.511 min): BG056694.D\data.ms (-2194) (-)



Abundance Scan 3202 (22.101 min): BG056637.D\data.ms (-3176) (-)

Chrysene-d12

Concen: 20.000 ng

RT: 22.081 min Scan# 3156

Delta R.T. -0.020 min

Lab File: BG056694.D

Acq: 22 Feb 2023 12:22

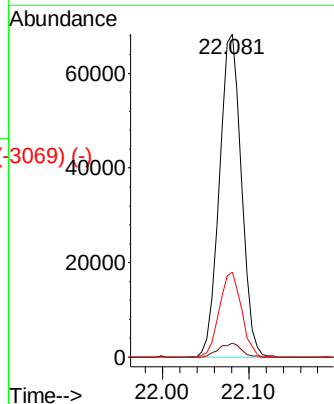
Tgt Ion:240 Resp: 122396

Ion Ratio Lower Upper

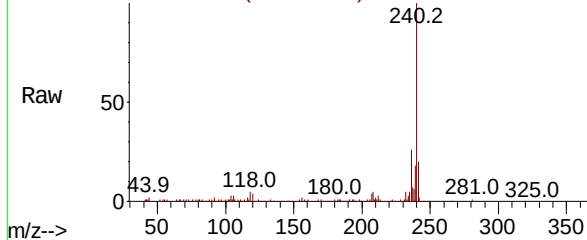
240 100

120 4.4 3.5 5.3

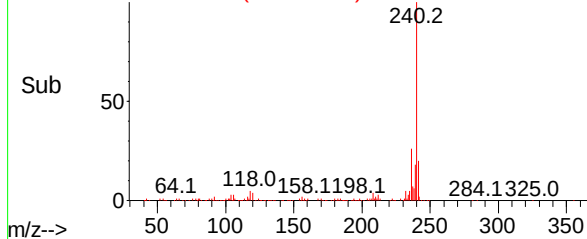
236 26.4 21.5 32.3



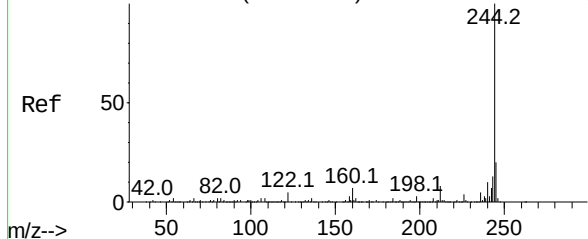
Abundance Scan 3156 (22.081 min): BG056694.D\data.ms



Abundance Scan 3156 (22.081 min): BG056694.D\data.ms (-3069) (-)



Abundance Scan 2904 (20.350 min): BG056637.D\data.ms (-2771) (-)



Terphenyl-d14

Concen: 99.461 ng

RT: 20.336 min Scan# 1

Delta R.T. -0.015 min

Lab File: BG056694.D

Acq: 22 Feb 2023 12:22

Instrument :

BNA_G

ClientSampleId :

PB150924TB

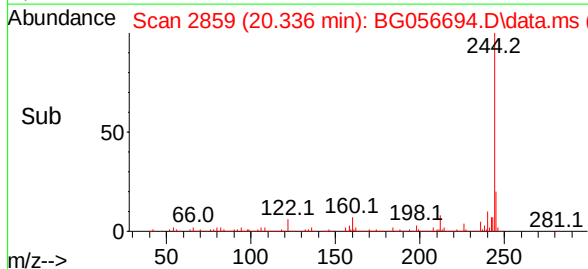
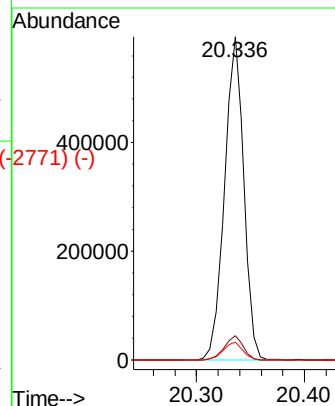
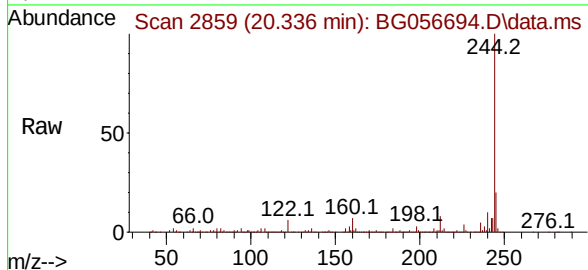
Tgt Ion:244 Resp: 744056

Ion Ratio Lower Upper

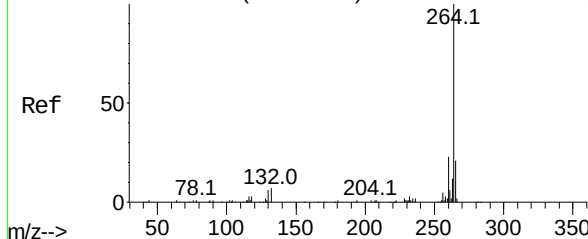
244 100

212 7.6 6.0 9.0

122 5.6 3.8 5.8



Abundance Scan 3804 (25.638 min): BG056637.D\data.ms (-3781) (-)



Perylene-d12

Concen: 20.000 ng

RT: 25.618 min Scan# 3758

Delta R.T. -0.020 min

Lab File: BG056694.D

Acq: 22 Feb 2023 12:22

Tgt Ion:264 Resp: 131252

Ion Ratio Lower Upper

264 100

260 23.8 18.6 27.8

265 21.3 17.0 25.4

