

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112021\
 Data File : BG051156.D
 Acq On : 20 Nov 2021 20:39
 Operator : CG/JU
 Sample : M4758-31
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP16

Quant Time: Nov 22 01:26:52 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 19 16:26:22 2021
 Response via : Initial Calibration

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

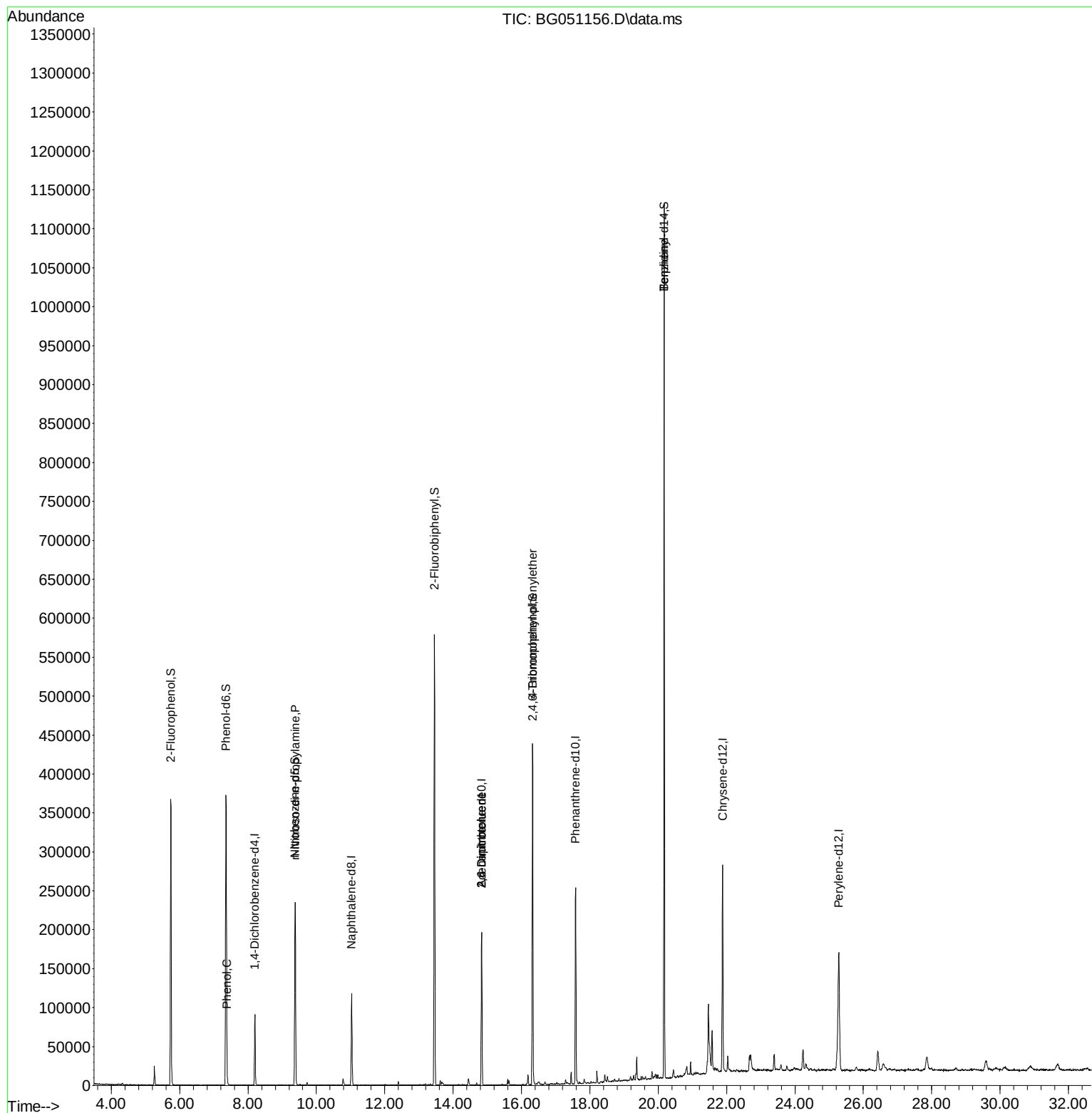
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.201	152	25379	20.00	ng	-0.01
21) Naphthalene-d8	11.033	136	103626	20.00	ng	# 0.00
39) Acenaphthene-d10	14.834	164	69414	20.00	ng	0.00
64) Phenanthrene-d10	17.584	188	161261	20.00	ng	# 0.00
76) Chrysene-d12	21.885	240	166537	20.00	ng	# 0.00
86) Perylene-d12	25.281	264	163629	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.745	112	166297	101.29	ng	0.00
7) Phenol-d6	7.355	99	221438	95.76	ng	-0.01
23) Nitrobenzene-d5	9.376	82	158358	69.76	ng	-0.01
42) 2,4,6-Tribromophenol	16.327	330	72548	98.33	ng	0.00
45) 2-Fluorobiphenyl	13.454	172	294975	64.12	ng	0.00
79) Terphenyl-d14	20.175	244	541563	59.45	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.384	94	6738	2.84	ng	91
19) n-Nitroso-di-n-propyla...	9.382	70	21773	12.76	ng	# 67
51) 2,6-Dinitrotoluene	14.834	165	8690	7.78	ng	# 10
57) 2,4-Dinitrotoluene	14.834	165	8690	5.43	ng	# 15
67) 4-Bromophenyl-phenylether	16.321	248	5677	3.25	ng	# 1
77) Benzidine	20.175	184	8960	3.28	ng	# 91

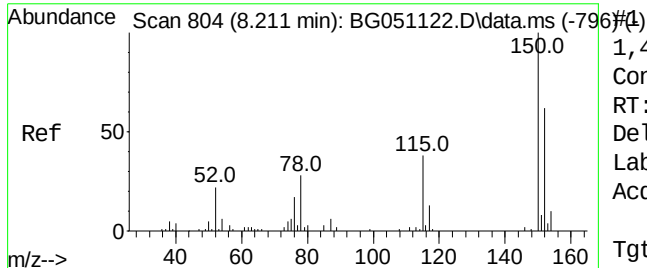
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 16:26:22 2021
Response via : Initial Calibration





1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.201 min Scan# 8

Delta R.T. -0.010 min

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ClientSampleId :

TP16

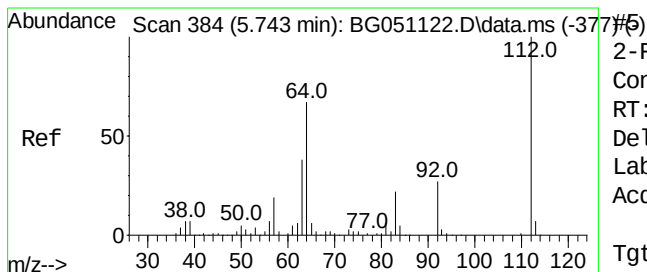
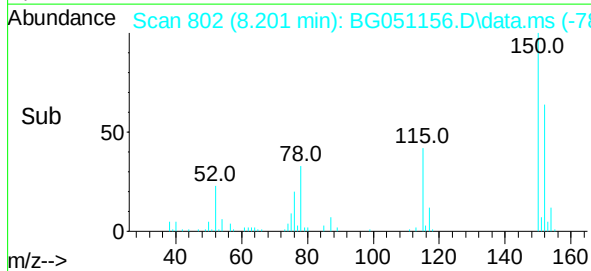
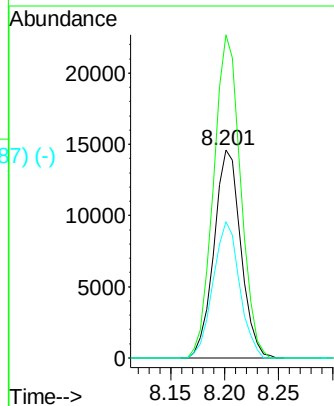
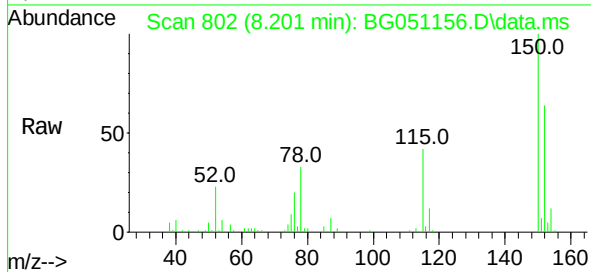
Tgt Ion:152 Resp: 25379

Ion Ratio Lower Upper

152 100

150 155.4 119.4 179.0

115 65.4 60.2 90.4



2-Fluorophenol

Concen: 101.29 ng

RT: 5.745 min Scan# 384

Delta R.T. 0.002 min

Lab File: BG051156.D

Acq: 20 Nov 2021 20:39

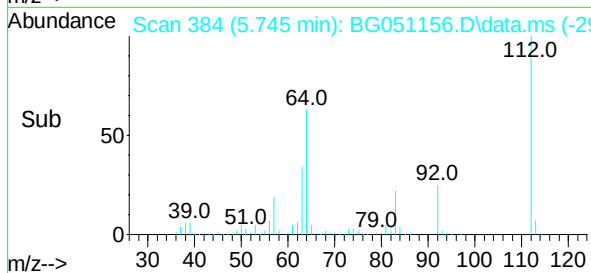
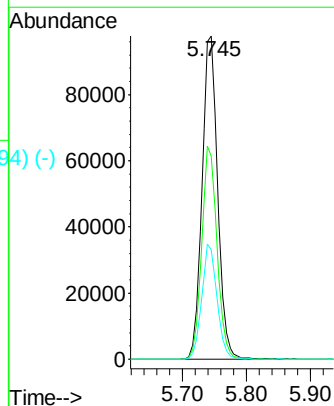
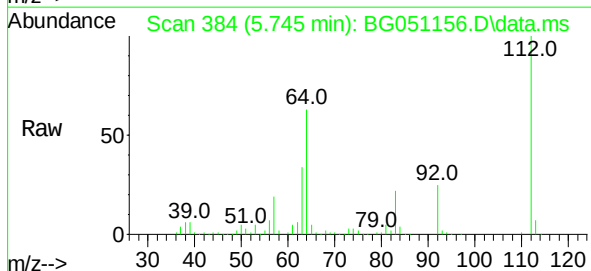
Tgt Ion:112 Resp: 166297

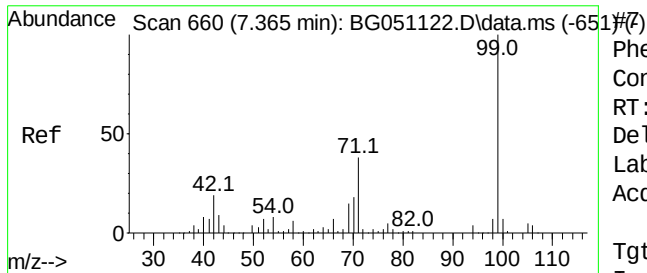
Ion Ratio Lower Upper

112 100

64 62.8 46.7 70.1

63 33.8 35.3 52.9#





Phenol-d6

Concen: 95.76 ng

RT: 7.355 min Scan#

Delta R.T. -0.010 min

Lab File: BG051156.D

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Instrument :

BNA_G

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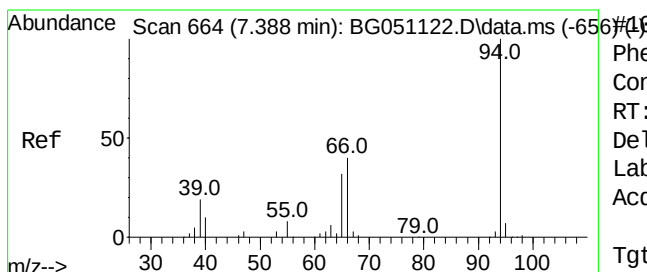
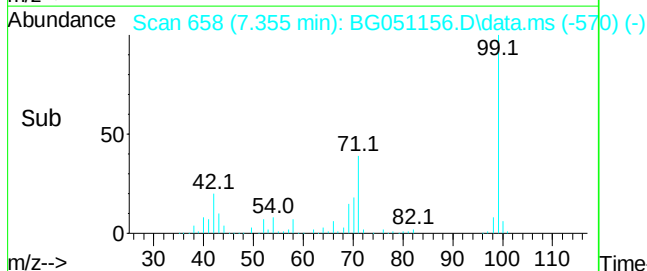
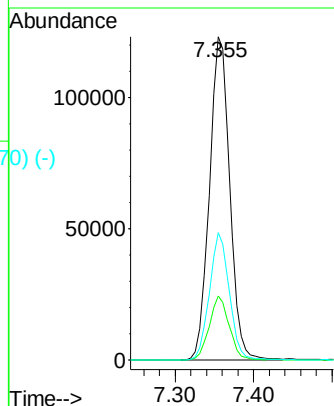
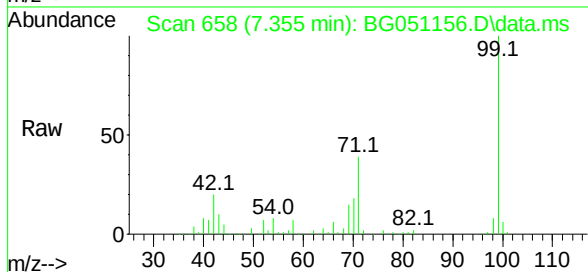
Tgt Ion: 99 Resp: 221438

Ion Ratio Lower Upper

99 100

42 19.7 20.5 30.7#

71 39.3 41.5 62.3#



Phenol

Concen: 2.84 ng

RT: 7.384 min Scan# 663

Delta R.T. -0.004 min

Lab File: BG051156.D

Acq: 20 Nov 2021 20:39

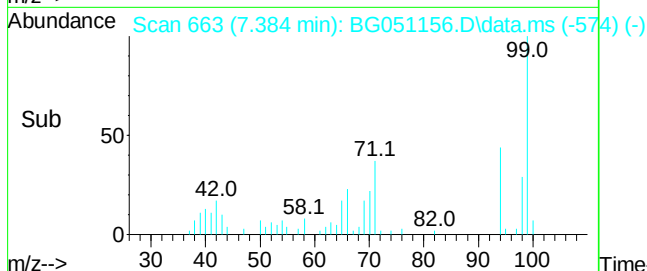
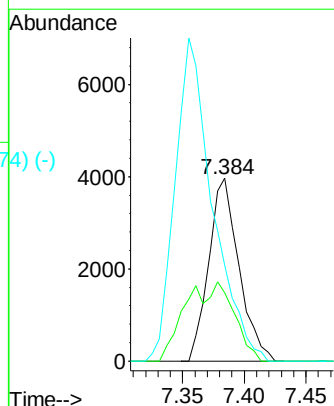
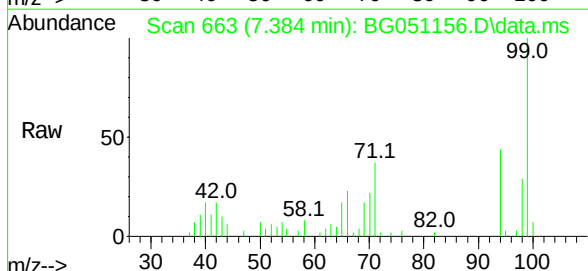
Tgt Ion: 94 Resp: 6738

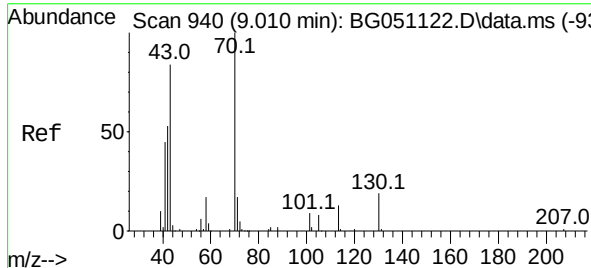
Ion Ratio Lower Upper

94 100

65 37.5 12.9 52.9

66 52.6 39.4 79.4

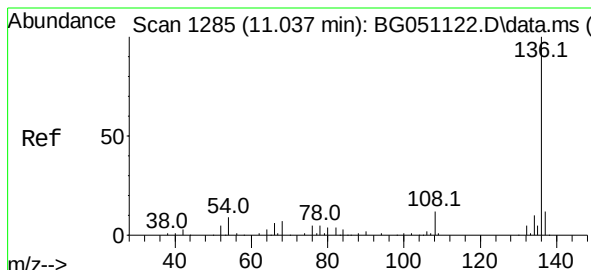
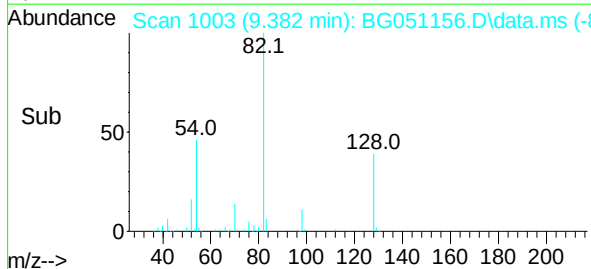
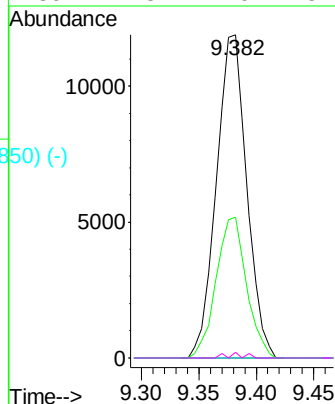
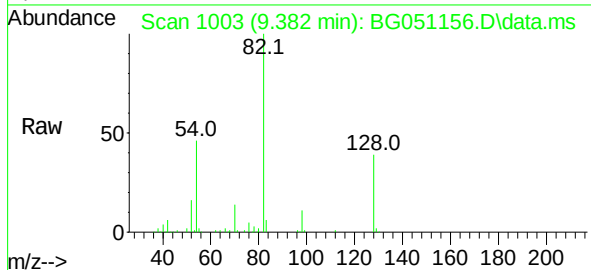




n-Nitroso-di-n-propylamine
 Concen: 12.76 ng
 RT: 9.382 min Scan# 1
 Delta R.T. 0.372 min
 Lab File: BG051156.D
 Acq: 20 Nov 2021 20:39

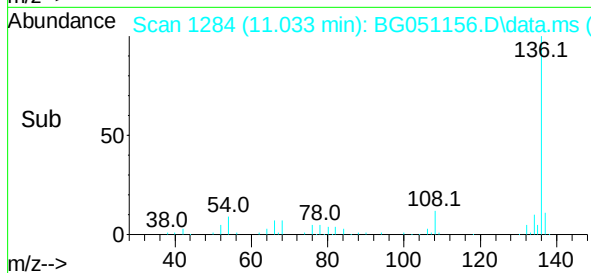
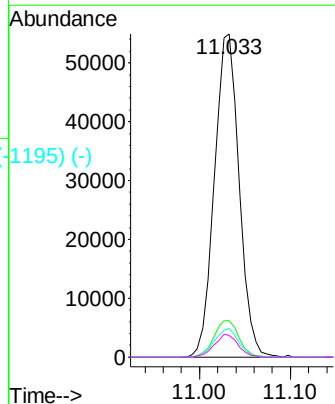
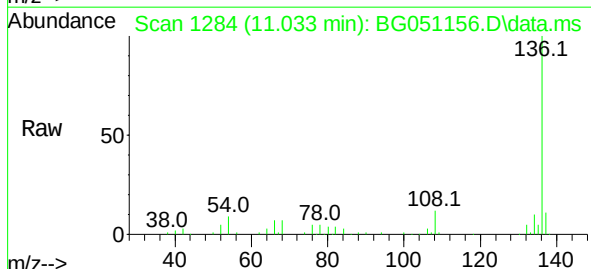
Instrument :
 BNA_G
 ClientSampleId :
 TP16

Tgt Ion:	70	Resp:	21773
Ion	Ratio	Lower	Upper
70	100		
42	43.5	54.5	81.7#
101	0.0	9.0	13.6#
130	1.8	17.0	25.6#



Naphthalene-d8
 Concen: 20.00 ng
 RT: 11.033 min Scan# 1284
 Delta R.T. -0.004 min
 Lab File: BG051156.D
 Acq: 20 Nov 2021 20:39

Tgt Ion:	136	Resp:	103626
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.2	12.2
54	8.9	5.5	8.3#
68	6.7	2.3	3.5#



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

Nitrobenzene-d5

Concen: 69.76 ng

RT: 9.376 min Scan# 1929

Delta R.T. -0.010 min

Lab File: BG051156.D

Acq: 20 Nov 2021 20:39

Instrument :

BNA_G

ClientSampleId :

TP16

Tgt Ion: 82 Resp: 158358

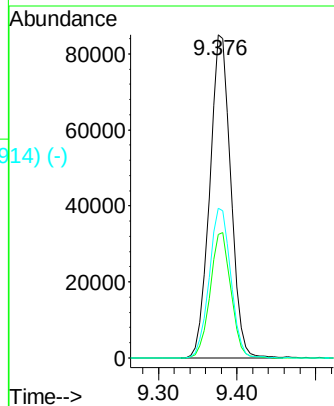
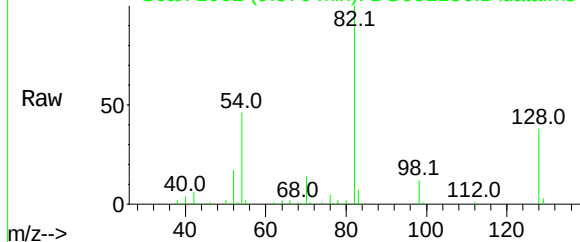
Ion Ratio Lower Upper

82 100

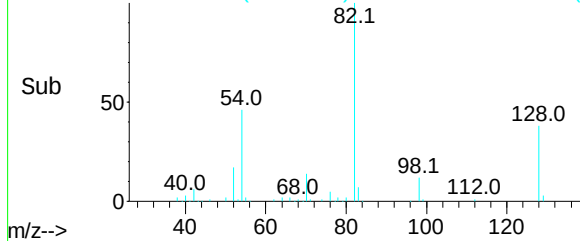
128 38.2 29.8 44.6

54 46.2 45.8 68.8

Abundance Scan 1002 (9.376 min): BG051156.D\data.ms



Abundance Scan 1002 (9.376 min): BG051156.D\data.ms (-914) (-)



Abundance Scan 1932 (14.838 min): BG051122.D\data.ms (-1929) (-)

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.834 min Scan# 1931

Delta R.T. -0.004 min

Lab File: BG051156.D

Acq: 20 Nov 2021 20:39

Tgt Ion: 164 Resp: 69414

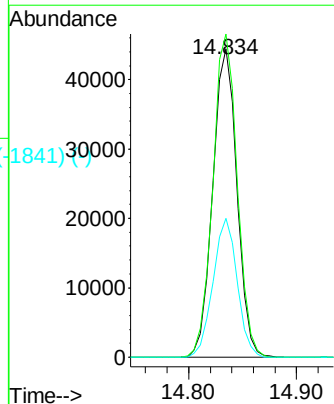
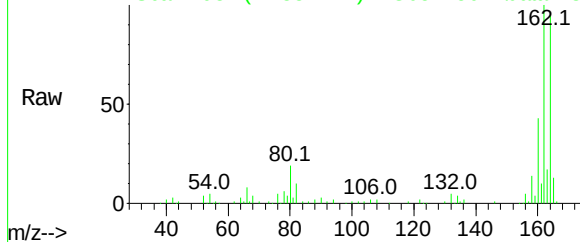
Ion Ratio Lower Upper

164 100

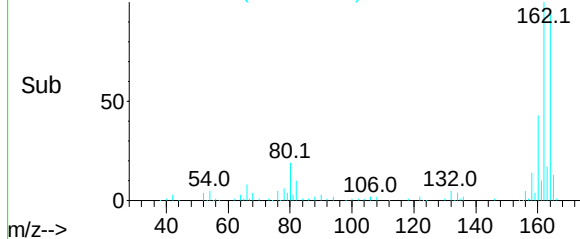
162 104.7 81.4 122.0

160 45.1 34.9 52.3

Abundance Scan 1931 (14.834 min): BG051156.D\data.ms



Abundance Scan 1931 (14.834 min): BG051156.D\data.ms (-1841) (-)



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

2,4,6-Tribromophenol

Concen: 98.33 ng

RT: 16.327 min Scan# 2185

Delta R.T. -0.004 min

Lab File: BG051156.D

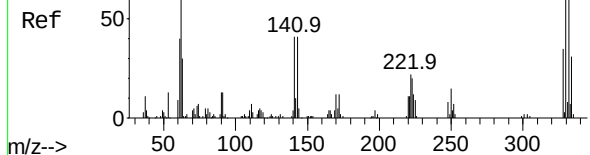
Acq: 20 Nov 2021 20:39

Instrument :

BNA_G

ClientSampleId :

TP16



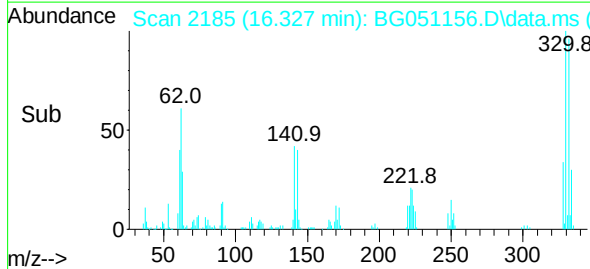
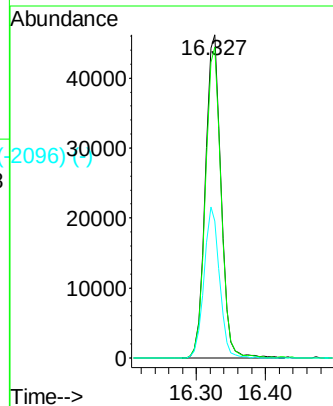
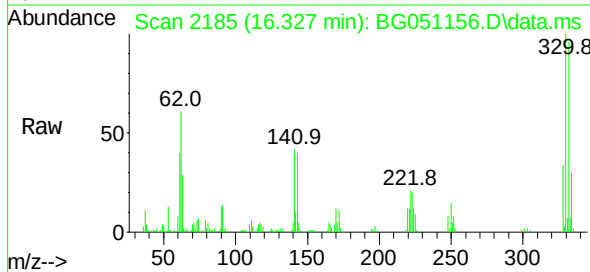
Tgt Ion:330 Resp: 72548

Ion Ratio Lower Upper

330 100

332 96.2 77.3 115.9

141 46.2 35.6 53.4



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

2-Fluorobiphenyl

Concen: 64.12 ng

RT: 13.454 min Scan# 1696

Delta R.T. -0.004 min

Lab File: BG051156.D

Acq: 20 Nov 2021 20:39

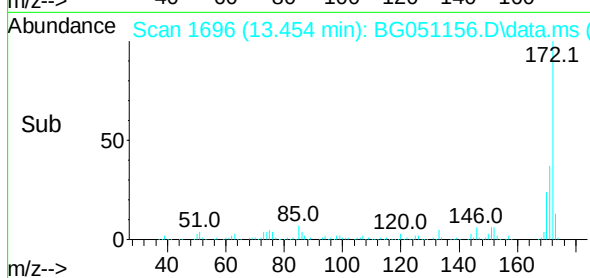
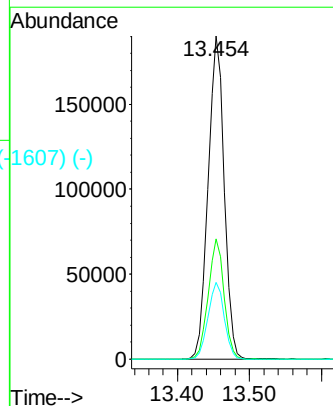
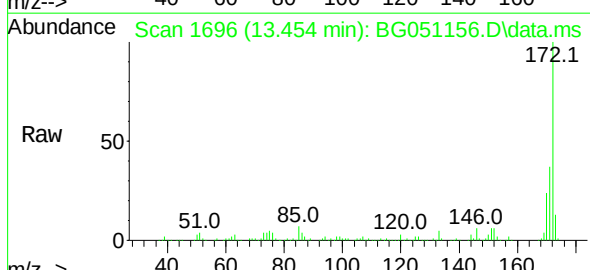
Tgt Ion:172 Resp: 294975

Ion Ratio Lower Upper

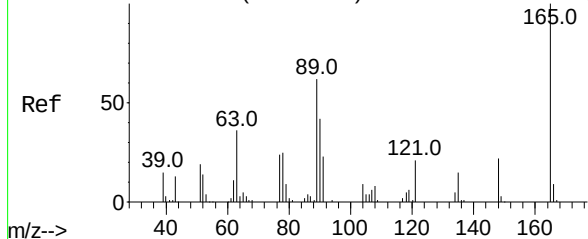
172 100

171 37.2 28.6 43.0

170 23.7 18.6 27.8



Abundance Scan 1860 (14.415 min): BG051122.D\data.ms (-1752) (-)



2,6-Dinitrotoluene

Concen: 7.78 ng

RT: 14.834 min Scan# 1931

Delta R.T. 0.419 min

Lab File: BG051156.D

Acq: 20 Nov 2021 20:39

Instrument :

BNA_G

ClientSampleId :

TP16

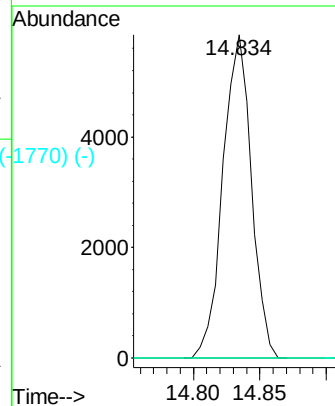
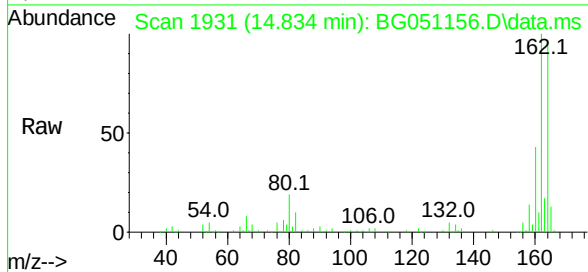
Tgt Ion:165 Resp: 8690

Ion Ratio Lower Upper

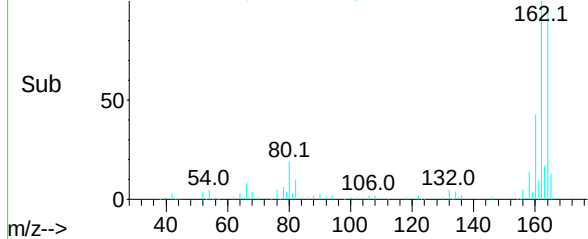
165 100

63 0.0 63.3 94.9#

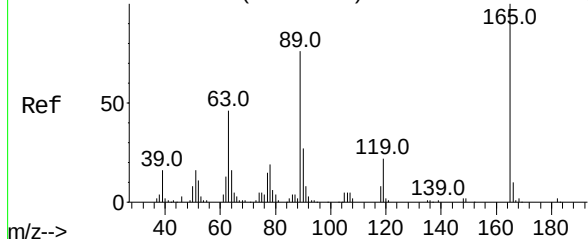
89 0.0 63.4 95.0#



Abundance Scan 1931 (14.834 min): BG051156.D\data.ms (-1770) (-)



Abundance Scan 1994 (15.203 min): BG051122.D\data.ms (-1957) (-)



2,4-Dinitrotoluene

Concen: 5.43 ng

RT: 14.834 min Scan# 1931

Delta R.T. -0.368 min

Lab File: BG051156.D

Acq: 20 Nov 2021 20:39

Tgt Ion:165 Resp: 8690

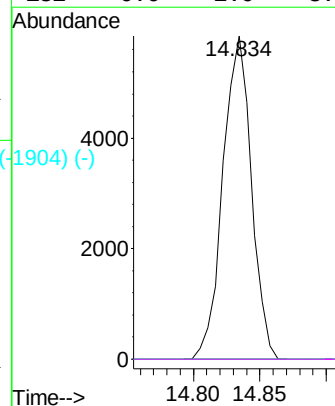
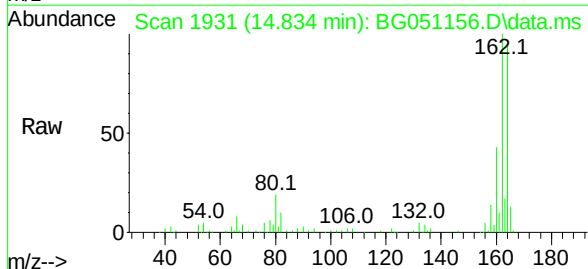
Ion Ratio Lower Upper

165 100

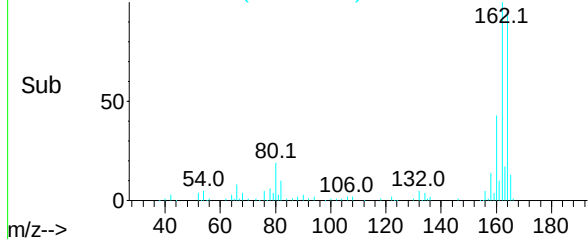
63 0.0 48.0 72.0#

89 0.0 65.4 98.0#

182 0.0 2.0 3.0#



Abundance Scan 1931 (14.834 min): BG051156.D\data.ms (-1904) (-)



Abundance Scan 2400 (17.588 min): BG051122.D\data.ms (-2392) (-)

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.584 min Scan# 2184

Delta R.T. -0.004 min

Lab File: BG051156.D

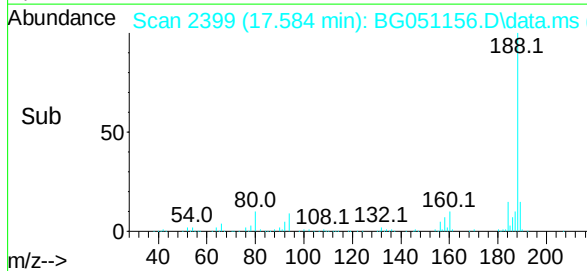
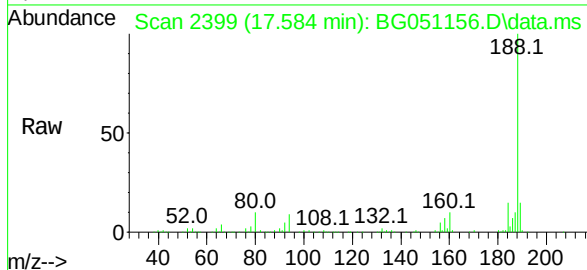
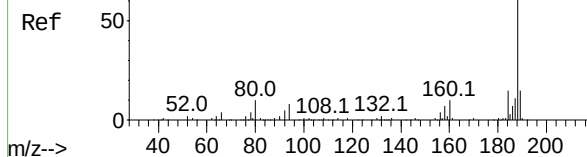
Acq: 20 Nov 2021 20:39

Instrument :

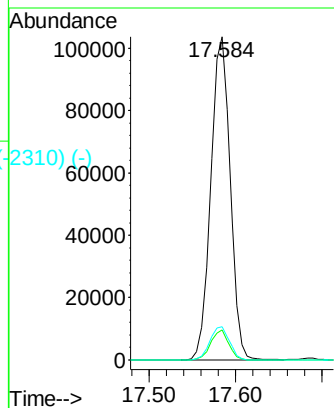
BNA_G

ClientSampleId :

TP16



Tgt Ion:	188	Resp:	161261
Ion	Ratio	Lower	Upper
188	100		
94	9.3	5.4	8.0#
80	10.2	3.7	5.5#



Abundance Scan 2259 (16.760 min): BG051122.D\data.ms (-2392) (-)

4-Bromophenyl-phenylether

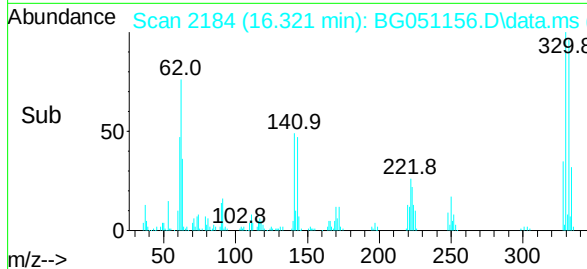
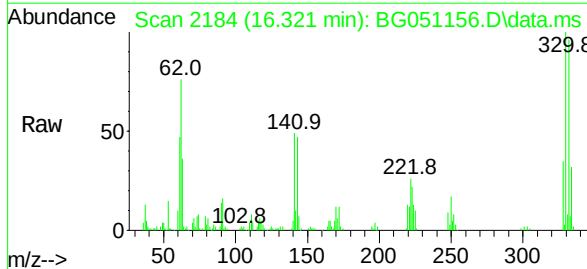
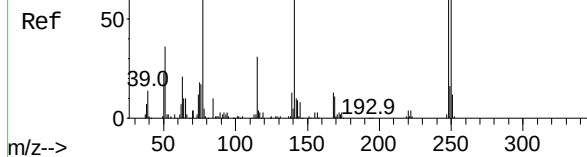
Concen: 3.25 ng

RT: 16.321 min Scan# 2184

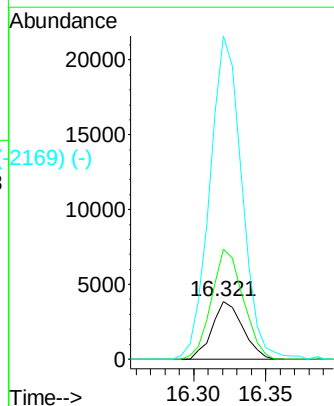
Delta R.T. -0.439 min

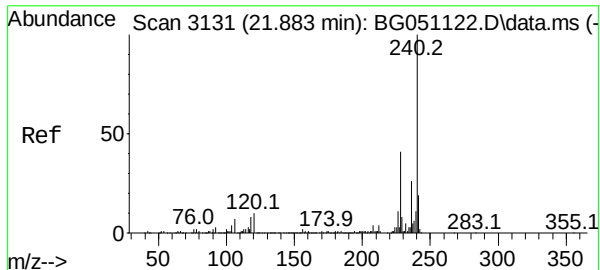
Lab File: BG051156.D

Acq: 20 Nov 2021 20:39



Tgt Ion:	248	Resp:	5677
Ion	Ratio	Lower	Upper
248	100		
250	191.2	76.1	114.1#
141	560.2	65.4	98.2#

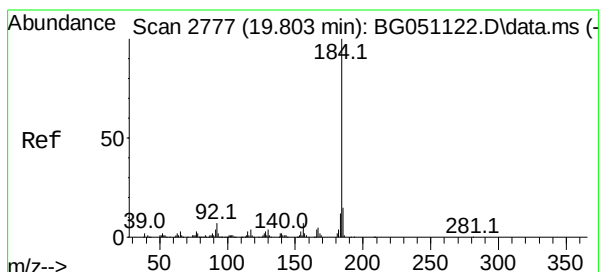
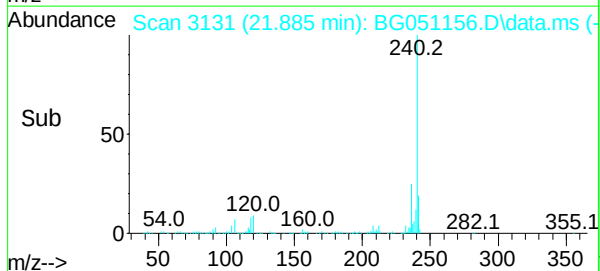
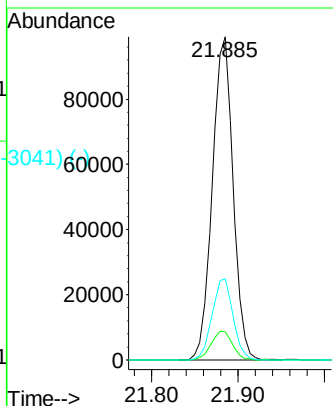
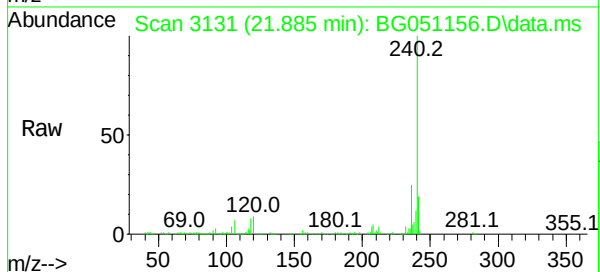




Chrysene-d12
 Concen: 20.00 ng
 RT: 21.885 min Scan# 3131
 Delta R.T. 0.002 min
 Lab File: BG051156.D
 Acq: 20 Nov 2021 20:39

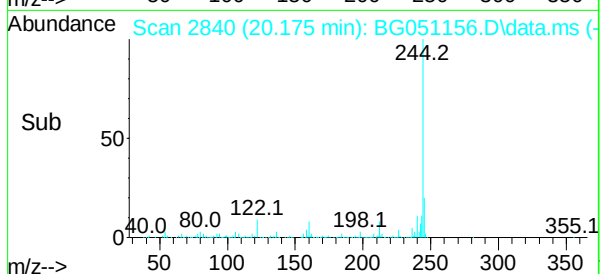
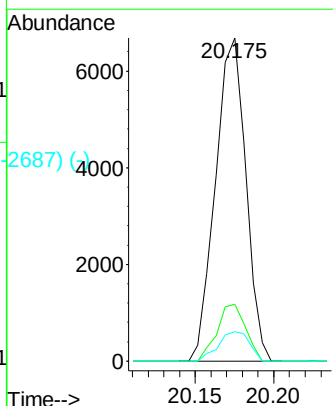
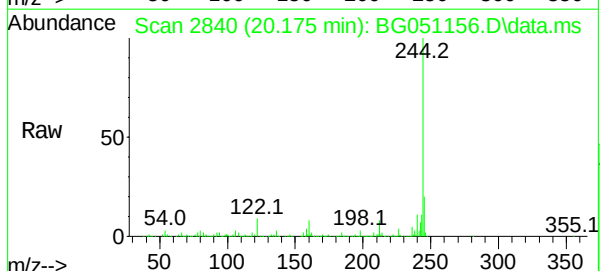
Instrument :
 BNA_G
 ClientSampleId :
 TP16

Tgt Ion:	240	Resp:	166537
Ion	Ratio	Lower	Upper
240	100		
120	8.6	4.2	6.2#
236	25.2	21.8	32.6

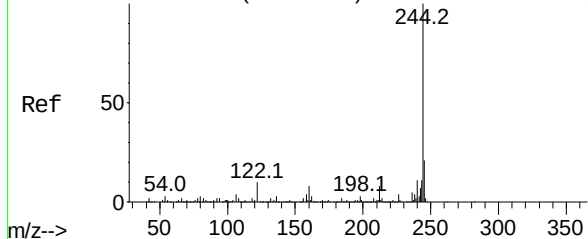


Benzidine
 Concen: 3.28 ng
 RT: 20.175 min Scan# 2840
 Delta R.T. 0.372 min
 Lab File: BG051156.D
 Acq: 20 Nov 2021 20:39

Tgt Ion:	184	Resp:	8960
Ion	Ratio	Lower	Upper
184	100		
185	17.6	10.7	16.1#
183	9.1	9.4	14.0#



Abundance Scan 2840 (20.175 min): BG051122.D\data.ms (-2639) (-)



Terphenyl-d14

Concen: 59.45 ng

RT: 20.175 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG051156.D

Acq: 20 Nov 2021 20:39

Instrument :

BNA_G

ClientSampleId :

TP16

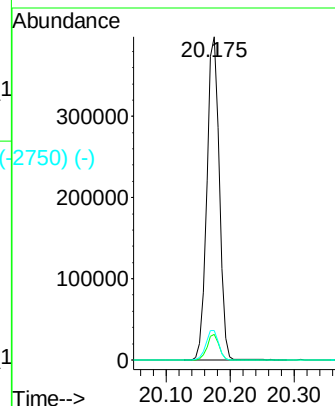
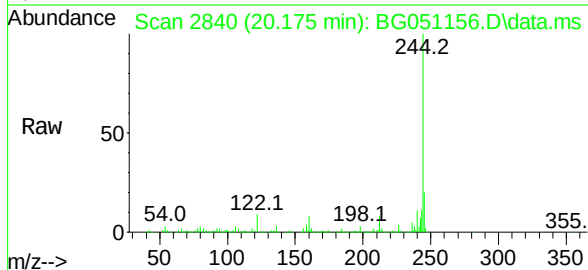
Tgt Ion:244 Resp: 541563

Ion Ratio Lower Upper

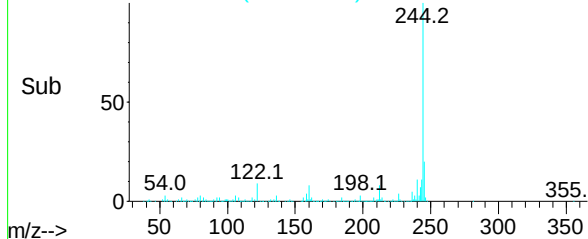
244 100

212 7.8 6.9 10.3

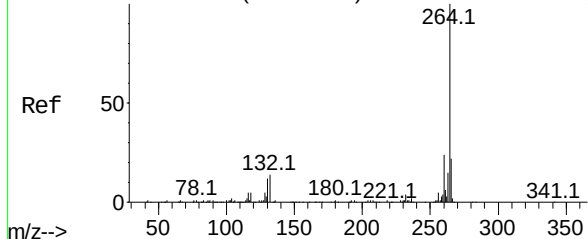
122 9.2 5.0 7.6#



Abundance Scan 2840 (20.175 min): BG051156.D\data.ms (-2750) (-)



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



Perylene-d12

Concen: 20.00 ng

RT: 25.281 min Scan# 3709

Delta R.T. 0.002 min

Lab File: BG051156.D

Acq: 20 Nov 2021 20:39

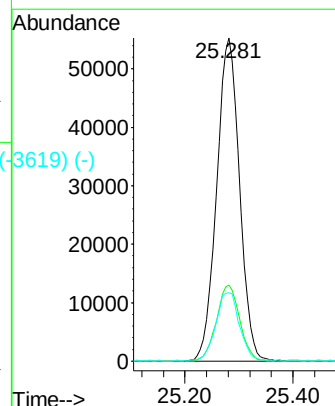
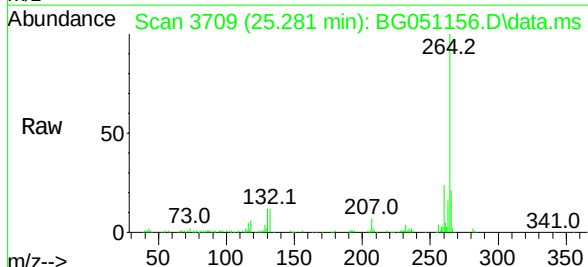
Tgt Ion:264 Resp: 163629

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

265 21.1 16.9 25.3



Abundance Scan 3709 (25.281 min): BG051156.D\data.ms (-3619) (-)

