

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112021\
 Data File : BG051148.D
 Acq On : 20 Nov 2021 15:09
 Operator : CG/JU
 Sample : PB140834TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB140834TB

Quant Time: Nov 22 01:21:53 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)

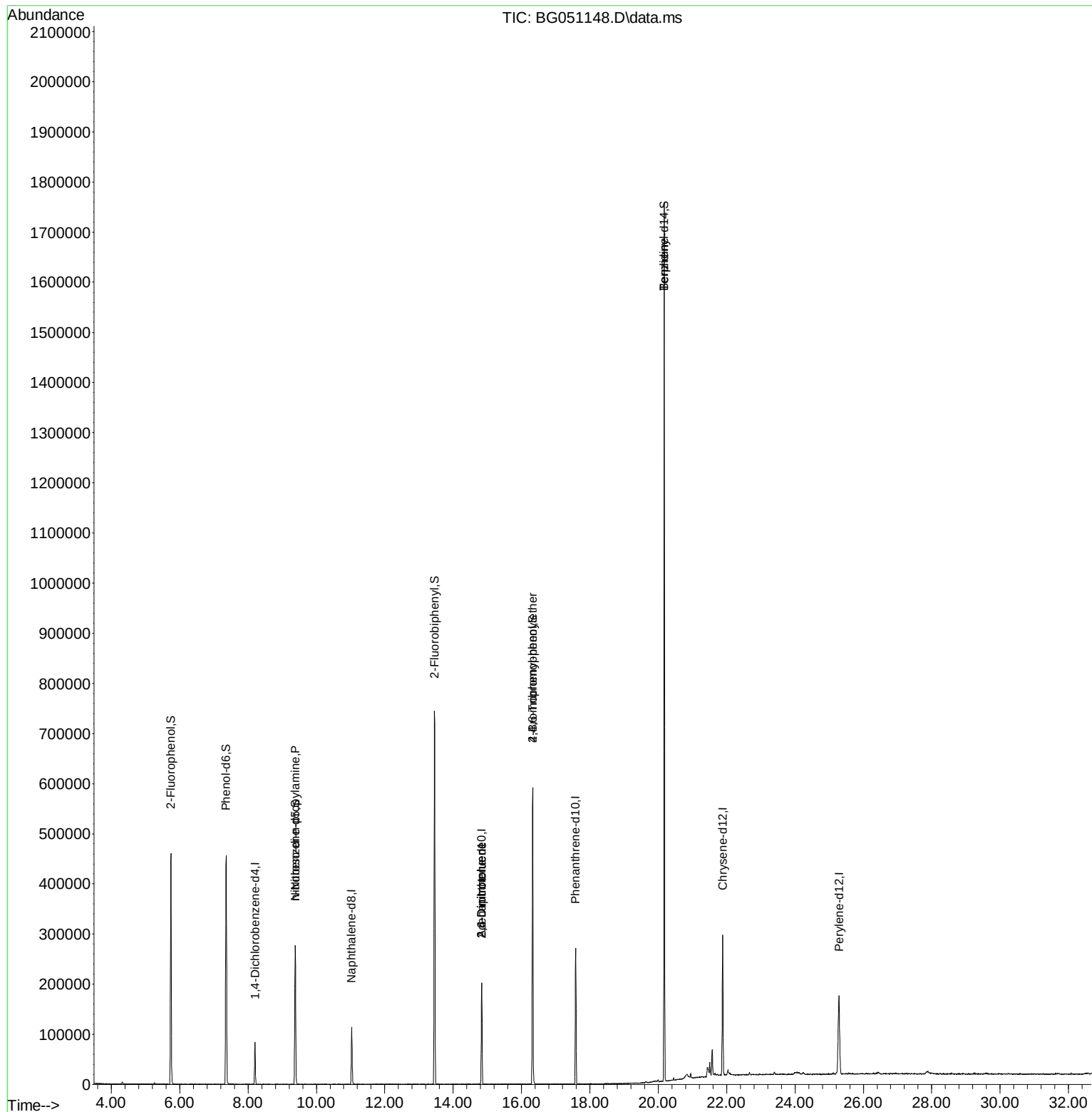
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.206	152	24374	20.00	ng	# 0.00
21) Naphthalene-d8	11.033	136	101750	20.00	ng	# 0.00
39) Acenaphthene-d10	14.834	164	72504	20.00	ng	0.00
64) Phenanthrene-d10	17.584	188	172404	20.00	ng	# 0.00
76) Chrysene-d12	21.885	240	175871	20.00	ng	# 0.00
86) Perylene-d12	25.286	264	170510	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.745	112	207230	131.43	ng	0.00
7) Phenol-d6	7.360	99	270472	121.79	ng	0.00
23) Nitrobenzene-d5	9.382	82	184071	82.58	ng	0.00
42) 2,4,6-Tribromophenol	16.326	330	101505	131.72	ng	0.00
45) 2-Fluorobiphenyl	13.459	172	388586	80.87	ng	0.00
79) Terphenyl-d14	20.175	244	791958	82.32	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.382	70	25832	15.76	ng	# 68
51) 2,6-Dinitrotoluene	14.834	165	9330	8.00	ng	# 10
57) 2,4-Dinitrotoluene	14.834	165	9330	5.58	ng	# 15
67) 4-Bromophenyl-phenylether	16.326	248	7846	4.21	ng	# 1
77) Benzidine	20.175	184	13407	4.64	ng	# 91

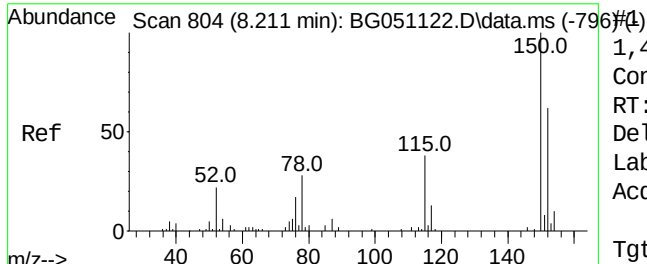
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112021\
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QLast Update : Fri Nov 19 16:26:22 2021
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1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.206 min Scan# 8

Delta R.T. -0.005 min

Lab File: BG051148.D

Acq: 20 Nov 2021 15:09

Instrument :

BNA_G

ClientSampleId :

PB140834TB

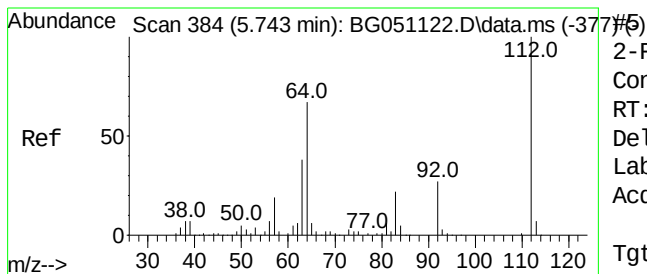
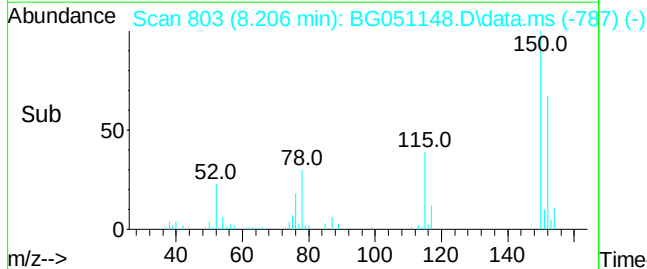
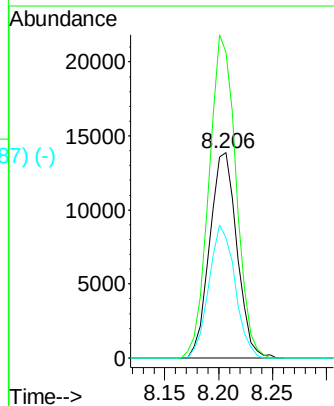
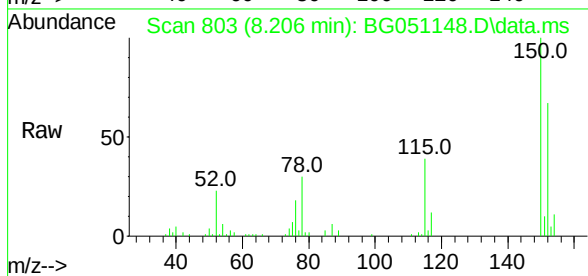
Tgt Ion:152 Resp: 24374

Ion Ratio Lower Upper

152 100

150 149.1 119.4 179.0

115 58.7 60.2 90.4#



2-Fluorophenol

Concen: 131.43 ng

RT: 5.745 min Scan# 384

Delta R.T. 0.001 min

Lab File: BG051148.D

Acq: 20 Nov 2021 15:09

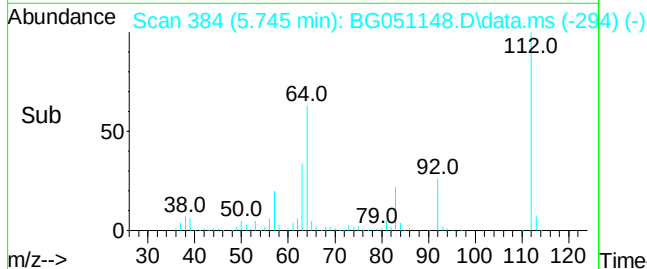
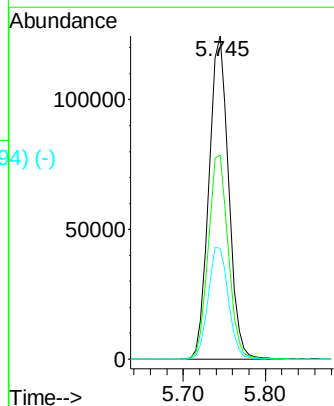
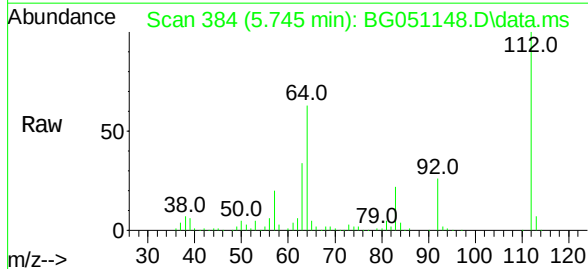
Tgt Ion:112 Resp: 207230

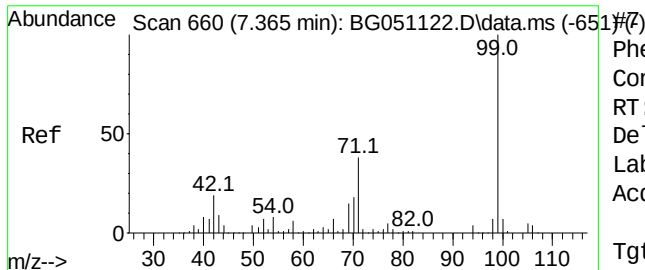
Ion Ratio Lower Upper

112 100

64 63.1 46.7 70.1

63 34.2 35.3 52.9#

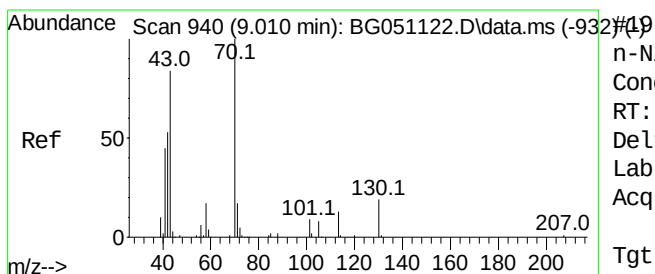
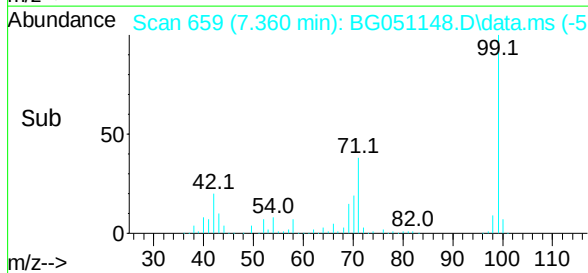
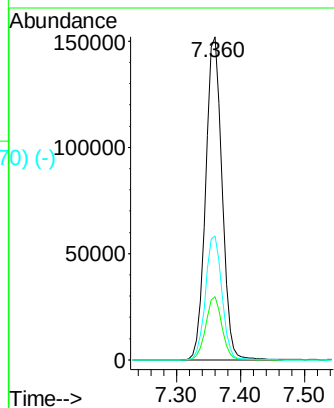
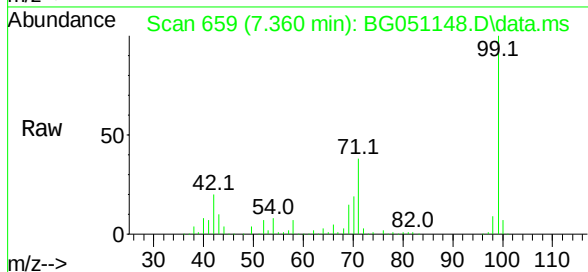




Phenol-d6
 Concen: 121.79 ng
 RT: 7.360 min Scan# 1
 Delta R.T. -0.004 min
 Lab File: BG051148.D
 Acq: 20 Nov 2021 15:09

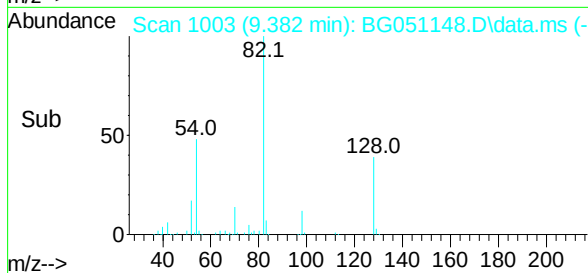
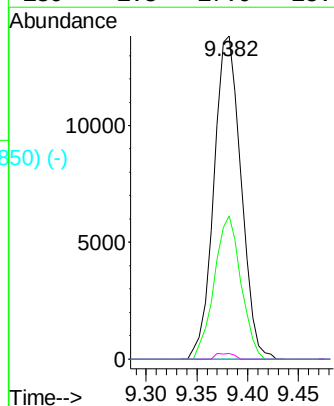
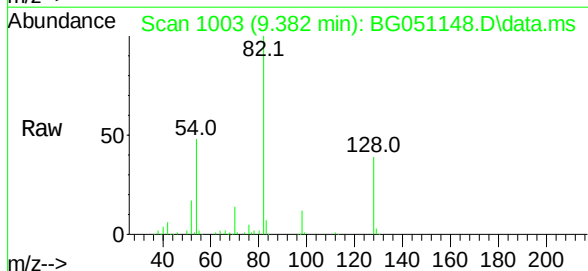
Instrument :
 BNA_G
 ClientSampleId :
 PB140834TB

Tgt Ion: 99 Resp: 270472
 Ion Ratio Lower Upper
 99 100
 42 19.5 20.5 30.7#
 71 38.4 41.5 62.3#



n-Nitroso-di-n-propylamine
 Concen: 15.76 ng
 RT: 9.382 min Scan# 1003
 Delta R.T. 0.372 min
 Lab File: BG051148.D
 Acq: 20 Nov 2021 15:09

Tgt Ion: 70 Resp: 25832
 Ion Ratio Lower Upper
 70 100
 42 44.3 54.5 81.7#
 101 0.0 9.0 13.6#
 130 1.8 17.0 25.6#



Abundance Scan 1285 (11.037 min): BG051122.D\data.ms (-1285) (-)

Naphthalene-d8

Concen: 20.00 ng

RT: 11.033 min Scan# 1195

Delta R.T. -0.004 min

Lab File: BG051148.D

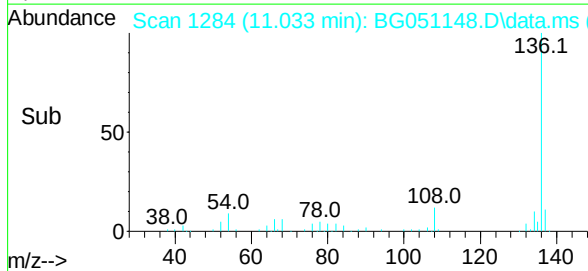
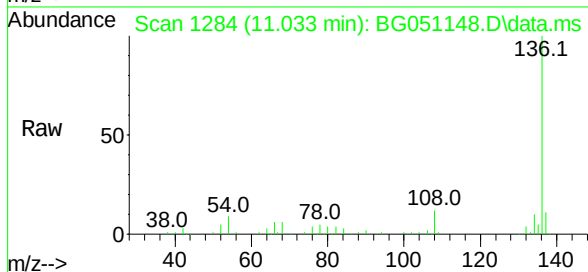
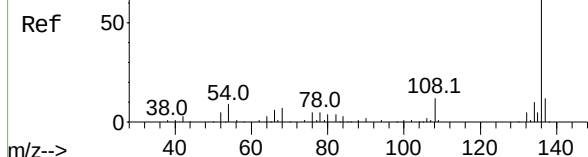
Acq: 20 Nov 2021 15:09

Instrument :

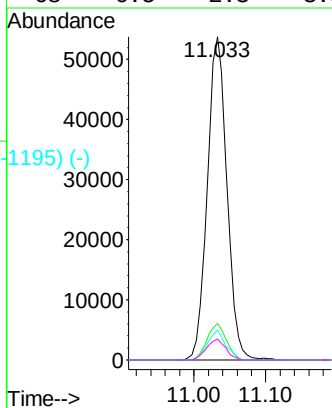
BNA_G

ClientSampleId :

PB140834TB



Tgt Ion:	136	Resp:	101750
Ion	Ratio	Lower	Upper
136	100		
137	11.2	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

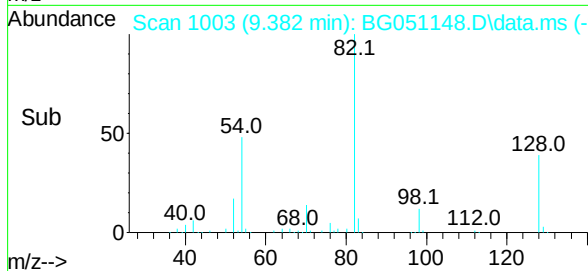
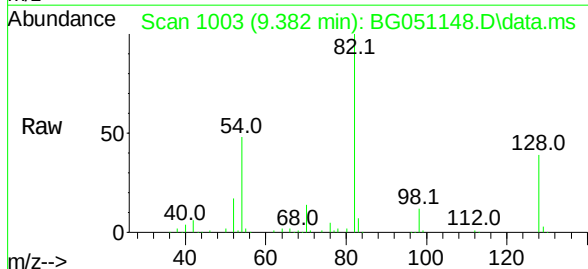
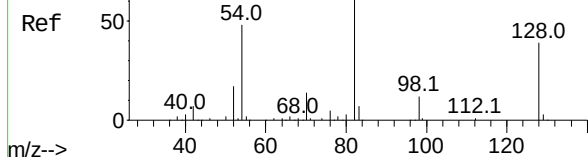
Concen: 82.58 ng

RT: 9.382 min Scan# 1003

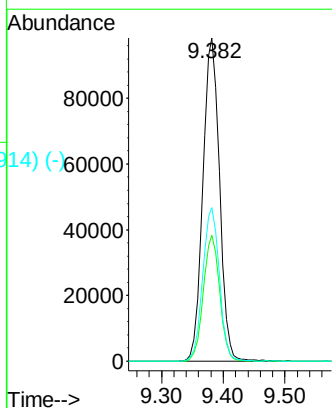
Delta R.T. -0.004 min

Lab File: BG051148.D

Acq: 20 Nov 2021 15:09



Tgt Ion:	82	Resp:	184071
Ion	Ratio	Lower	Upper
82	100		
128	39.0	29.8	44.6
54	47.6	45.8	68.8



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: BG051148.D

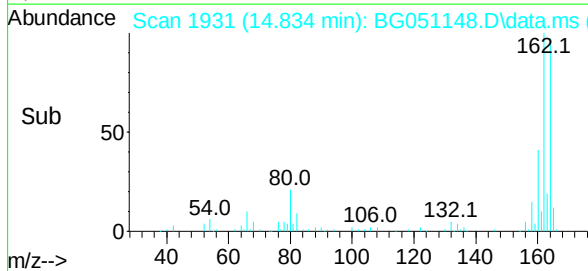
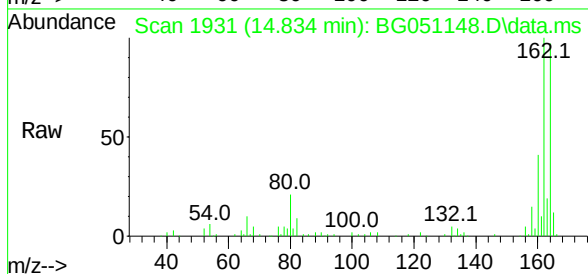
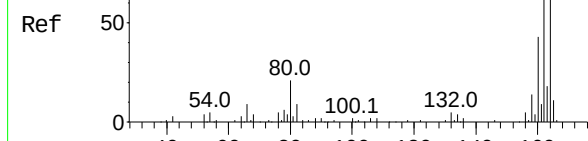
Acq: 20 Nov 2021 15:09

Instrument :

BNA_G

ClientSampleId :

PB140834TB



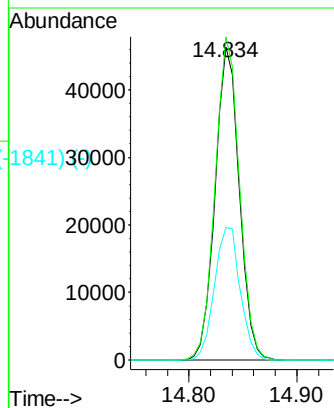
Tgt Ion:164 Resp: 72504

Ion Ratio Lower Upper

164 100

162 103.4 81.4 122.0

160 42.3 34.9 52.3



Abundance Scan 2186 (16.331 min): BG051122.D\data.ms (-2179) (-)

2,4,6-Tribromophenol

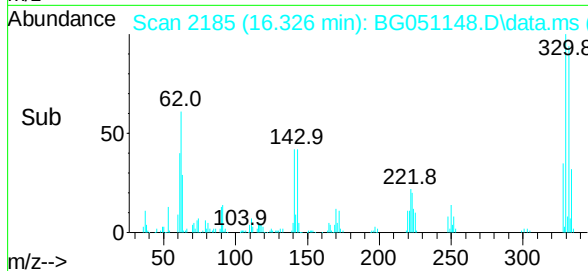
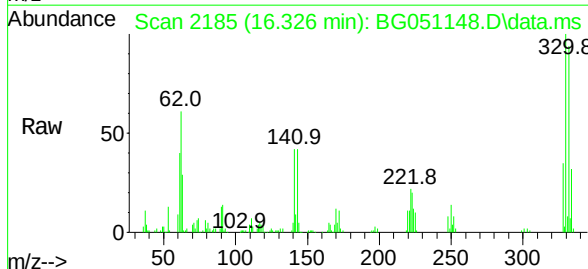
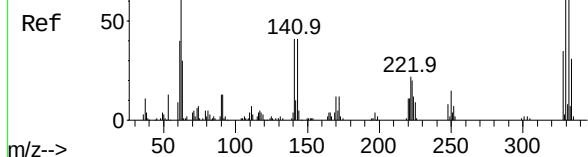
Concen: 131.72 ng

RT: 16.326 min Scan# 2185

Delta R.T. -0.004 min

Lab File: BG051148.D

Acq: 20 Nov 2021 15:09



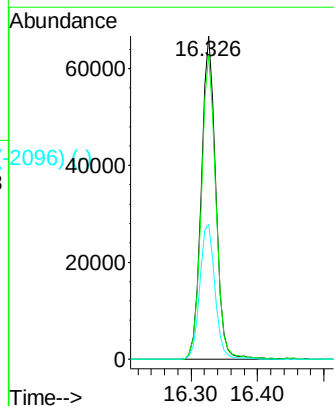
Tgt Ion:330 Resp: 101505

Ion Ratio Lower Upper

330 100

332 95.0 77.3 115.9

141 44.0 35.6 53.4



Abundance Scan 1697 (13.458 min): BG051122.D\data.ms (-1685) (-)

2-Fluorobiphenyl

Concen: 80.87 ng

RT: 13.459 min Scan# 1697

Delta R.T. 0.001 min

Lab File: BG051148.D

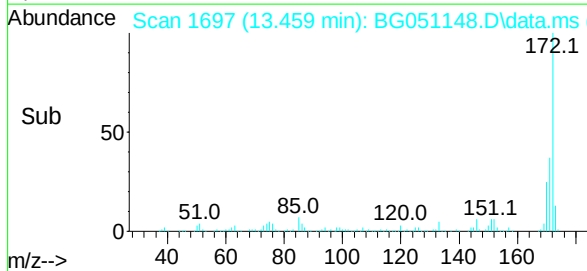
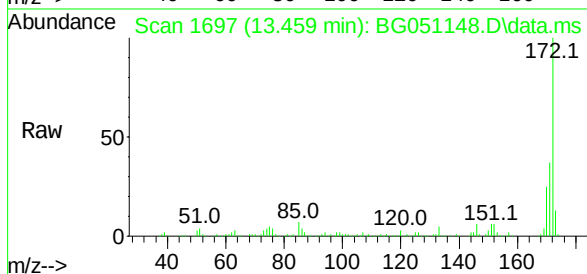
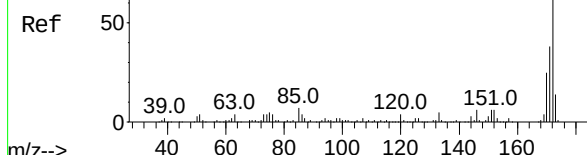
Acq: 20 Nov 2021 15:09

Instrument :

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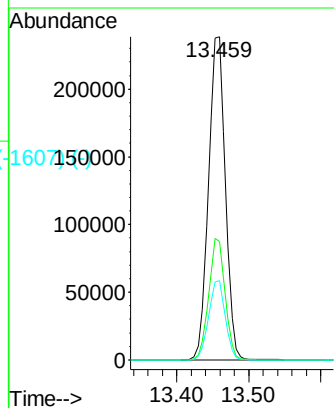
Tgt Ion:172 Resp: 388586

Ion Ratio Lower Upper

172 100

171 36.6 28.6 43.0

170 24.6 18.6 27.8



Abundance Scan 1860 (14.415 min): BG051122.D\data.ms (-1651) (-)

2,6-Dinitrotoluene

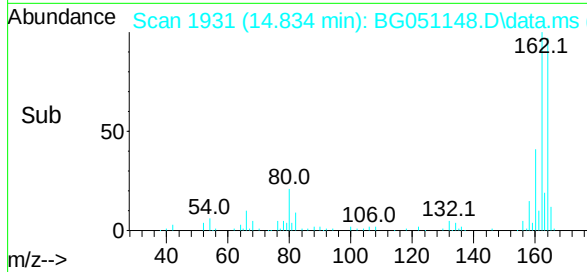
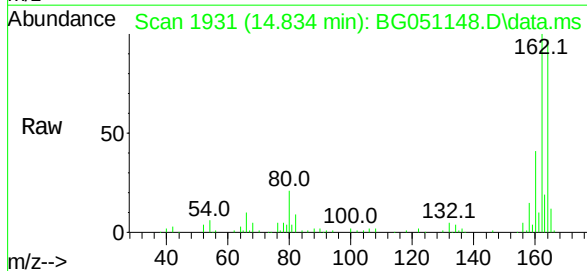
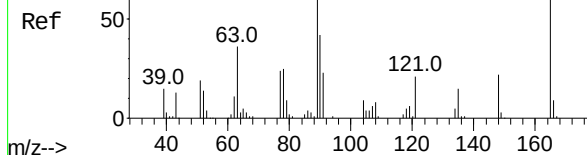
Concen: 8.00 ng

RT: 14.834 min Scan# 1931

Delta R.T. 0.419 min

Lab File: BG051148.D

Acq: 20 Nov 2021 15:09



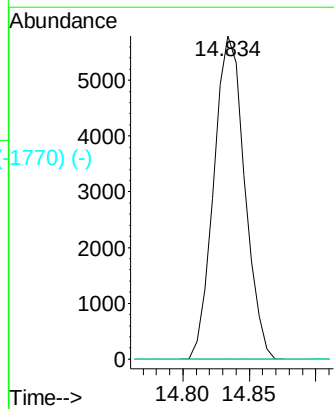
Tgt Ion:165 Resp: 9330

Ion Ratio Lower Upper

165 100

63 0.0 63.3 94.9#

89 0.0 63.4 95.0#



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

2,4-Dinitrotoluene

Concen: 5.58 ng

RT: 14.834 min Scan# 1957

Delta R.T. -0.369 min

Lab File: BG051148.D

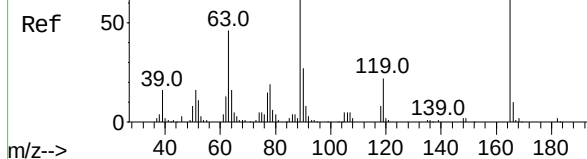
Acq: 20 Nov 2021 15:09

Instrument :

BNA_G

ClientSampleId :

PB140834TB



Tgt Ion:165 Resp: 9330

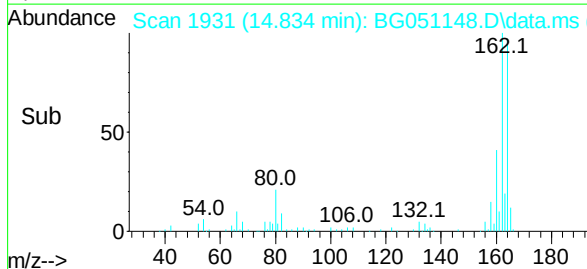
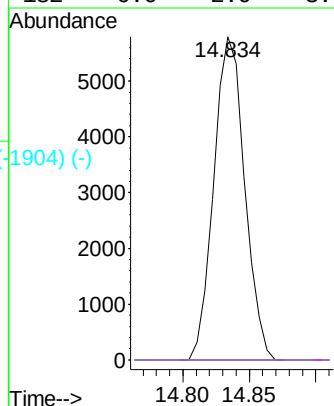
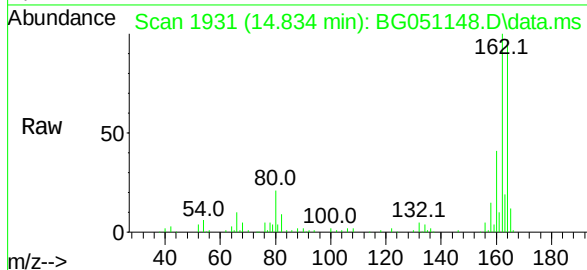
Ion Ratio Lower Upper

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

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.584 min Scan# 2399

Delta R.T. -0.004 min

Lab File: BG051148.D

Acq: 20 Nov 2021 15:09

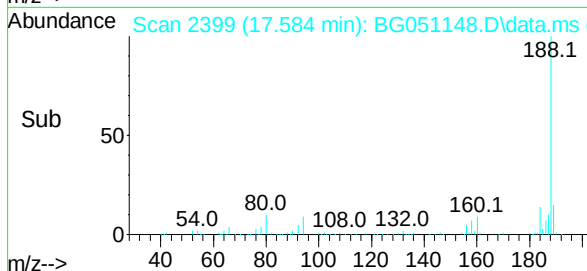
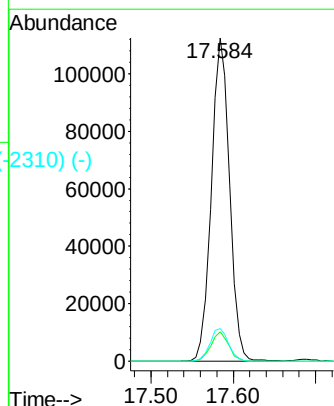
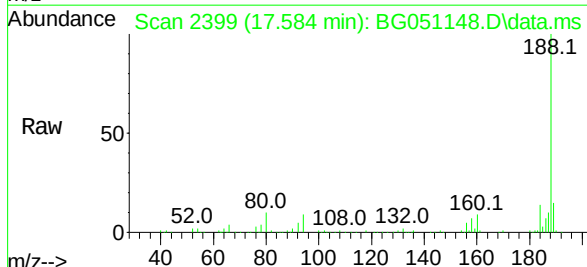
Tgt Ion:188 Resp: 172404

Ion Ratio Lower Upper

188 100

94 9.1 5.4 8.0#

80 10.1 3.7 5.5#



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

4-Bromophenyl-phenylether

Concen: 4.21 ng

RT: 16.326 min Scan# 1

Delta R.T. -0.433 min

Lab File: BG051148.D

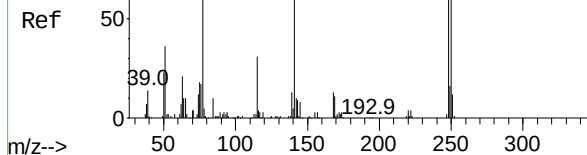
Acq: 20 Nov 2021 15:09

Instrument :

BNA_G

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PB140834TB



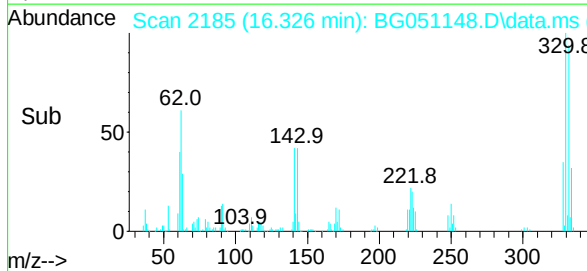
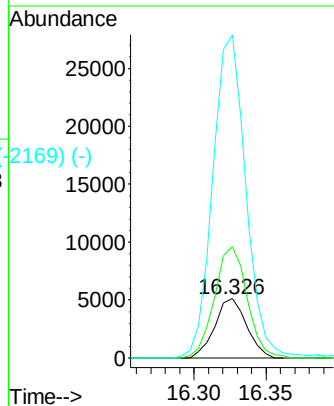
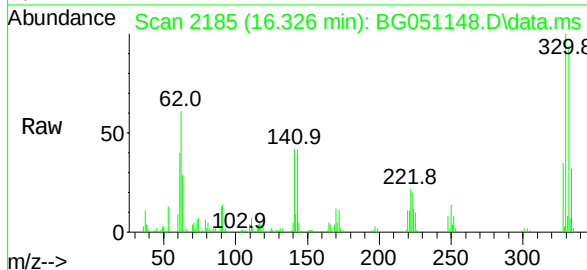
Tgt Ion:248 Resp: 7846

Ion Ratio Lower Upper

248 100

250 188.3 76.1 114.1#

141 545.2 65.4 98.2#



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

Chrysene-d12

Concen: 20.00 ng

RT: 21.885 min Scan# 3131

Delta R.T. 0.001 min

Lab File: BG051148.D

Acq: 20 Nov 2021 15:09

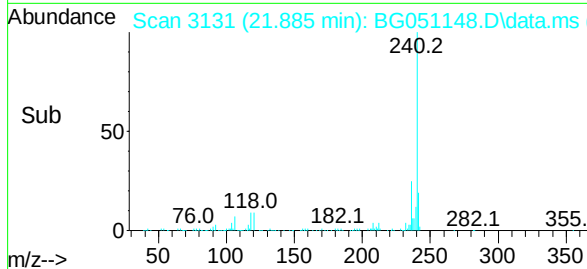
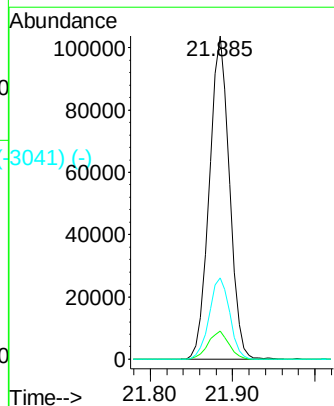
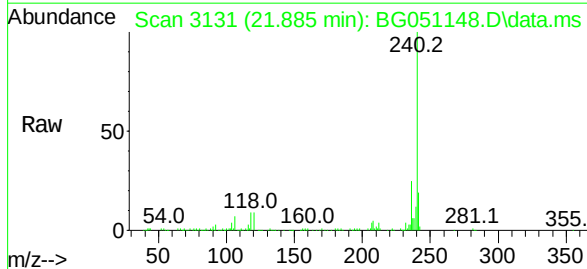
Tgt Ion:240 Resp: 175871

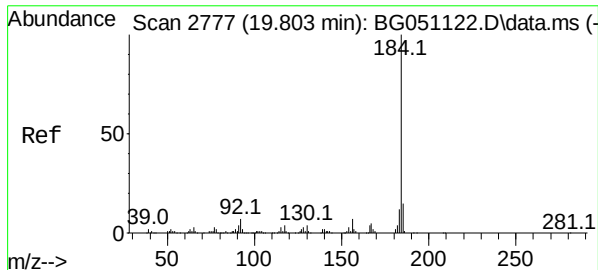
Ion Ratio Lower Upper

240 100

120 8.6 4.2 6.2#

236 25.1 21.8 32.6

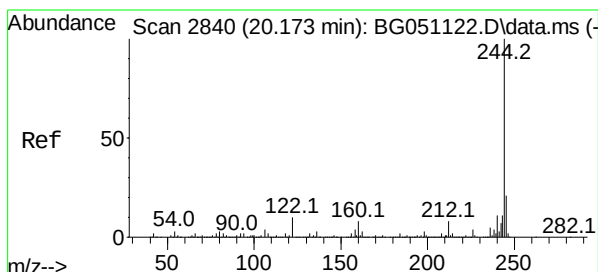
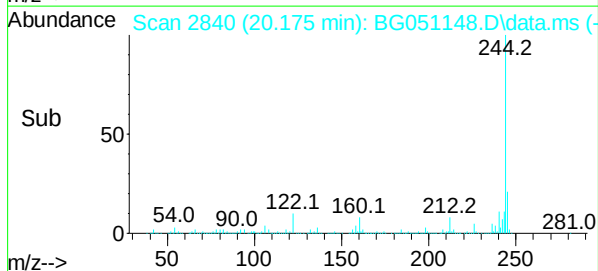
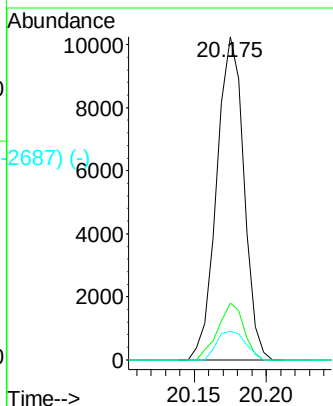
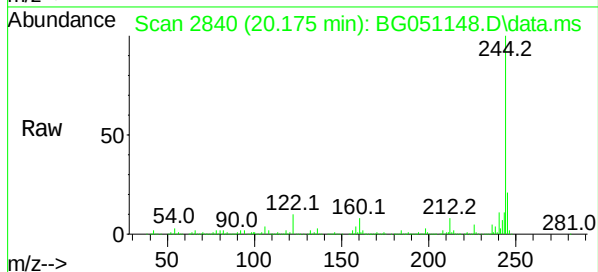




Benzidine
 Concen: 4.64 ng
 RT: 20.175 min Scan# 2770
 Delta R.T. 0.372 min
 Lab File: BG051148.D
 Acq: 20 Nov 2021 15:09

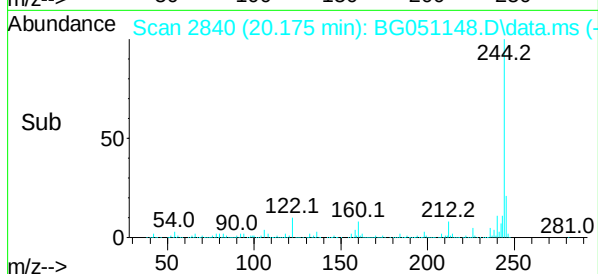
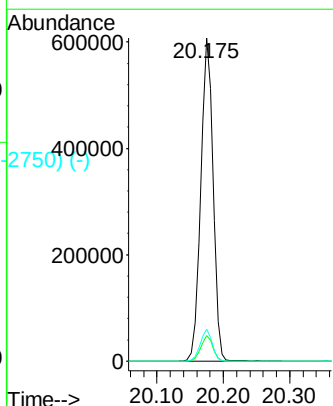
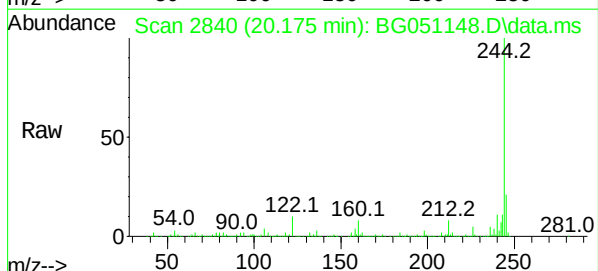
Instrument :
 BNA_G
 ClientSampleId :
 PB140834TB

Tgt Ion:	184	Resp:	13407
Ion Ratio	Lower	Upper	
184	100		
185	17.7	10.7	16.1#
183	9.0	9.4	14.0#

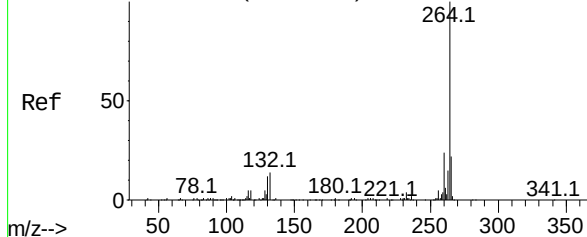


Terphenyl-d14
 Concen: 82.32 ng
 RT: 20.175 min Scan# 2840
 Delta R.T. 0.001 min
 Lab File: BG051148.D
 Acq: 20 Nov 2021 15:09

Tgt Ion:	244	Resp:	791958
Ion Ratio	Lower	Upper	
244	100		
212	7.8	6.9	10.3
122	9.9	5.0	7.6#



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



Perylene-d12

Concen: 20.00 ng

RT: 25.286 min Scan# 3619

Delta R.T. 0.007 min

Lab File: BG051148.D

Acq: 20 Nov 2021 15:09

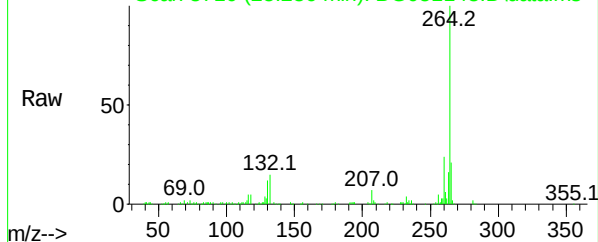
Instrument :

BNA_G

ClientSampleId :

PB140834TB

Abundance Scan 3710 (25.286 min): BG051148.D\data.ms



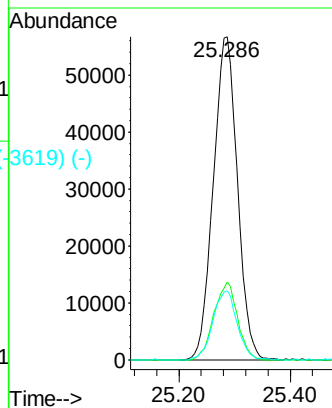
Tgt Ion:264 Resp: 170510

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

265 21.3 16.9 25.3



Abundance Scan 3710 (25.286 min): BG051148.D\data.ms (-3619) (-)

